

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111218\
 Data File : BM017618.D
 Acq On : 12 Nov 2018 18:20
 Operator : MJ/SJ
 Sample : PB114669BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

Quant Time: Nov 13 03:29:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	215209	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	888271	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	506916	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1136894	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1156988	20.00	ng	0.00
87) Perylene-d12	23.41	264	992974	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1868332	146.51	ng	0.00
7) Phenol-d6	6.81	99	2451488	137.65	ng	0.00
23) Nitrobenzene-d5	8.77	82	1190259	69.18	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1020763	140.14	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2720538	69.63	ng	0.00
79) Terphenyl-d14	19.66	244	4213957	82.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	241711	45.512	ng	98
3) Pyridine	3.61	79	587397	37.706	ng	99
4) n-Nitrosodimethylamine	3.53	42	311326	45.367	ng	98
6) Aniline	6.96	93	810802	36.711	ng	100
8) 2-Chlorophenol	7.19	128	678823	44.480	ng	100
9) Benzaldehyde	6.77	77	397948	30.673	ng	98
10) Phenol	6.83	94	841750	45.028	ng	98
11) bis(2-Chloroethyl)ether	7.06	93	589286	39.931	ng	100
12) 1,3-Dichlorobenzene	7.50	146	690420	40.323	ng	98
13) 1,4-Dichlorobenzene	7.65	146	712185	40.580	ng	99
14) 1,2-Dichlorobenzene	7.96	146	681025	40.019	ng	99
15) Benzyl Alcohol	7.86	79	604301	42.606	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.15	45	894825	39.825	ng	99
17) 2-Methylphenol	8.06	107	564337	44.812	ng	98
18) Hexachloroethane	8.67	117	257538	41.636	ng	97
19) n-Nitroso-di-n-propylamine	8.43	70	509572	39.847	ng	100
20) 3+4-Methylphenols	8.39	107	764598	43.698	ng	99
22) Acetophenone	8.44	105	970995	43.798	ng	98
24) Nitrobenzene	8.82	77	754011	43.192	ng	99
25) Isophorone	9.33	82	1317615	49.580	ng	99
26) 2-Nitrophenol	9.52	139	357491	44.458	ng	97
27) 2,4-Dimethylphenol	9.58	122	617154	53.255	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	830362	46.134	ng	98
29) 2,4-Dichlorophenol	10.05	162	645855	48.010	ng	98
30) 1,2,4-Trichlorobenzene	10.25	180	675750	43.189	ng	99
31) Naphthalene	10.44	128	2038806	46.683	ng	99
32) Benzoic acid	9.75	122	391840	37.326	ng	96
33) 4-Chloroaniline	10.56	127	475687	24.871	ng	99
34) Hexachlorobutadiene	10.72	225	399222	41.100	ng	98
35) Caprolactam	11.36	113	101194	20.426	ng	96
36) 4-Chloro-3-methylphenol	11.69	107	701655	45.176	ng	99
37) 2-Methylnaphthalene	12.06	142	1503440	48.707	ng	99
38) 1-Methylnaphthalene	12.28	142	1442541	47.663	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	769193	43.031	ng	98

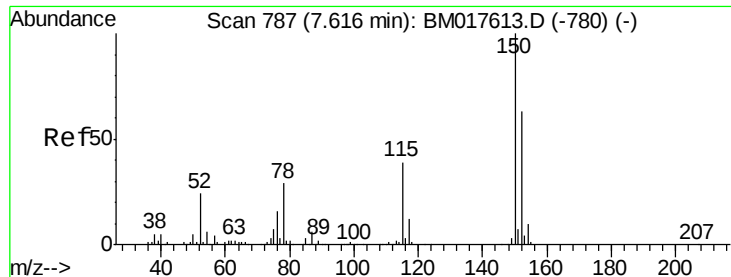
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111218\
 Data File : BM017618.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1062850	115.068	ng	99
43) 2,4,6-Trichlorophenol	12.68	196	527515	47.114	ng	97
44) 2,4,5-Trichlorophenol	12.75	196	564795	47.775	ng	98
46) 1,1'-Biphenyl	13.09	154	1916905	42.128	ng	99
47) 2-Chloronaphthalene	13.13	162	1499803	44.408	ng	98
48) 2-Nitroaniline	13.35	65	469240	44.927	ng	98
49) Acenaphthylene	13.98	152	2438343	48.053	ng	100
50) Dimethylphthalate	13.73	163	1847711	44.832	ng	99
51) 2,6-Dinitrotoluene	13.85	165	415599	45.285	ng	95
52) Acenaphthene	14.33	154	1405733	45.141	ng	99
53) 3-Nitroaniline	14.19	138	307393	30.765	ng	95
54) 2,4-Dinitrophenol	14.40	184	509680	89.990	ng	98
55) Dibenzofuran	14.66	168	2281283	44.827	ng	100
56) 4-Nitrophenol	14.50	139	708813	84.123	ng	97
57) 2,4-Dinitrotoluene	14.65	165	577170	46.655	ng	100
58) Fluorene	15.32	166	1850602	47.500	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.89	232	526518	48.422	ng	99
60) Diethylphthalate	15.10	149	1897322	42.607	ng	98
61) 4-Chlorophenyl-phenylether	15.32	204	946047	42.740	ng	99
62) 4-Nitroaniline	15.36	138	406277	43.144	ng	99
63) Azobenzene	15.61	77	1832399	44.512	ng	100
65) 4,6-Dinitro-2-methylphenol	15.41	198	334472	42.468	ng	96
66) n-Nitrosodiphenylamine	15.54	169	1628987	44.566	ng	99
67) 4-Bromophenyl-phenylether	16.21	248	586787	43.640	ng	96
68) Hexachlorobenzene	16.32	284	649869	42.873	ng	99
69) Atrazine	16.50	200	584451	43.473	ng	98
70) Pentachlorophenol	16.67	266	815260	76.761	ng	98
71) Phenanthrene	17.06	178	2889126	46.833	ng	99
72) Anthracene	17.15	178	2939051	48.960	ng	100
73) Carbazole	17.43	167	2628097	43.325	ng	100
74) Di-n-butylphthalate	17.99	149	3143754	46.556	ng	100
75) Fluoranthene	19.08	202	3280596	47.000	ng	99
77) Benzidine	19.28	184	2005975	53.243	ng	100
78) Pyrene	19.44	202	3387515	47.452	ng	100
80) Butylbenzylphthalate	20.36	149	1384185	47.739	ng	98
81) Benzo(a)anthracene	21.20	228	3187319	47.817	ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	786376	30.568	ng	100
83) Chrysene	21.25	228	2976127	45.970	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	1954930	45.608	ng	100
85) Di-n-octyl phthalate	22.01	149	3234782	47.130	ng	100
86) Indeno(1,2,3-cd)pyrene	25.60	276	2673529	51.678	ng	100
88) Benzo(b)fluoranthene	22.76	252	2849349	48.998	ng	99
89) Benzo(k)fluoranthene	22.80	252	2803312	47.695	ng	99
90) Benzo(a)pyrene	23.32	252	2645539	49.895	ng	99
91) Dibenzo(a,h)anthracene	25.61	278	2261053	50.723	ng	98
92) Benzo(g,h,i)perylene	26.26	276	2163202	51.605	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

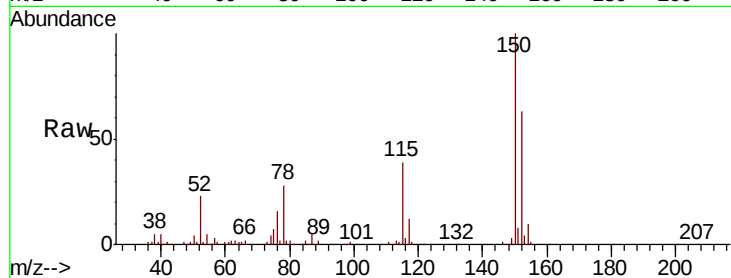


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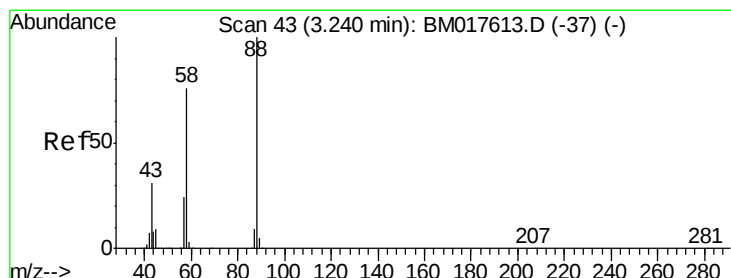
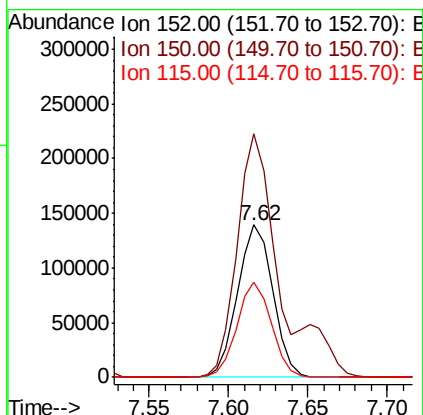
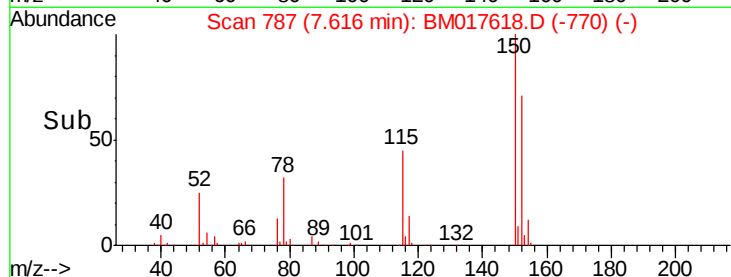
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tgt Ion: 152 Resp: 215209
Ion Ratio Lower Upper
152 100
150 159.9 126.4 189.6
115 62.7 49.4 74.0



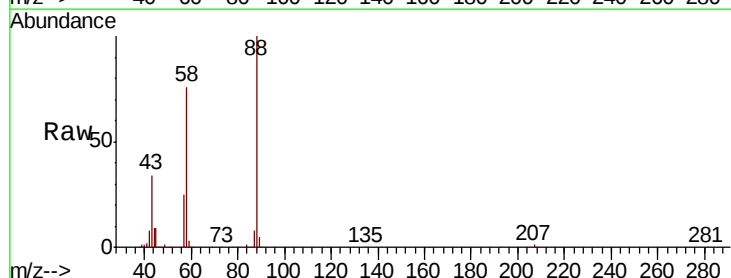
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



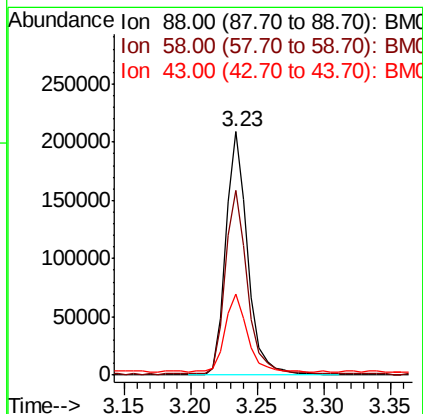
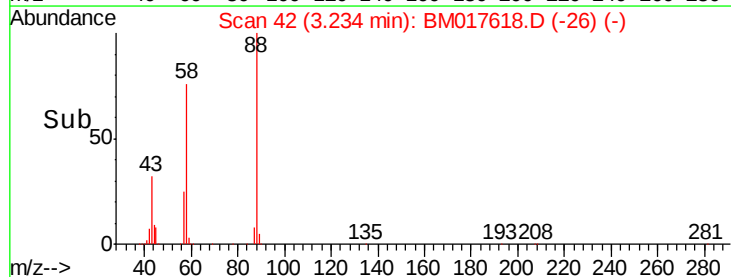
#2

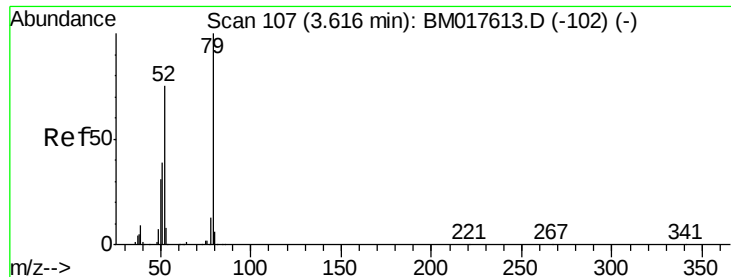
1,4-Dioxane
Concen: 45.512 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.01 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Tgt Ion: 88 Resp: 241711
Ion Ratio Lower Upper
88 100
58 76.3 62.0 93.0
43 32.2 26.8 40.2



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0

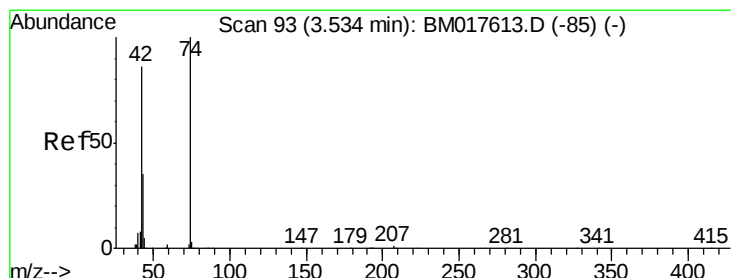
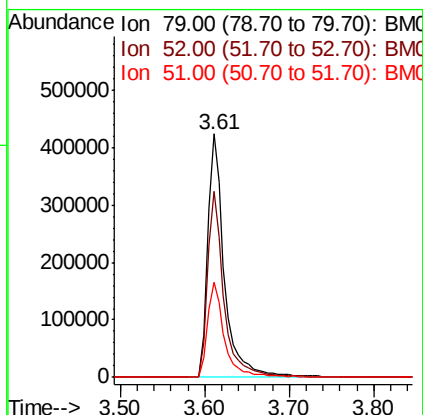
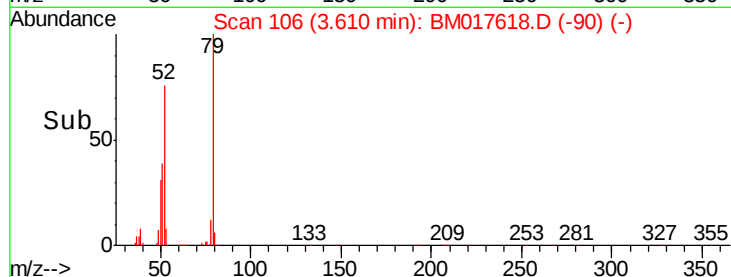
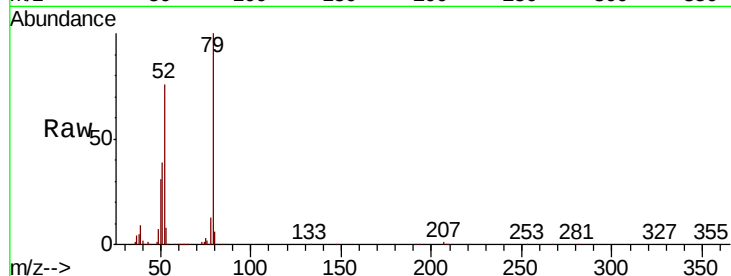




#3
 Pyridine
 Concen: 37.706 ng
 RT: 3.61 min Scan# 106
 Delta R.T. -0.01 min
 Lab File: BM017618.D
 Acq: 12 Nov 2018 18:20

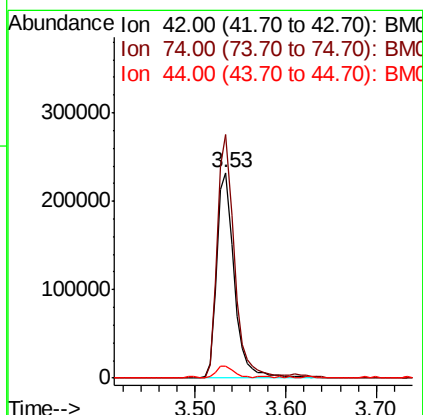
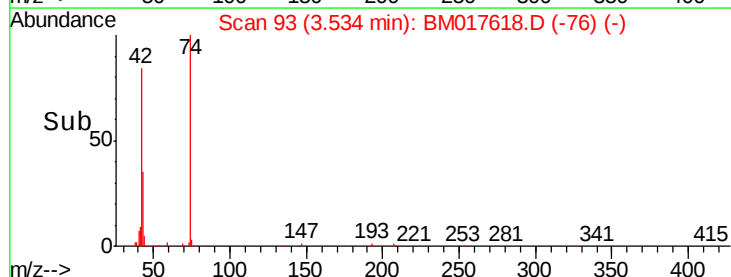
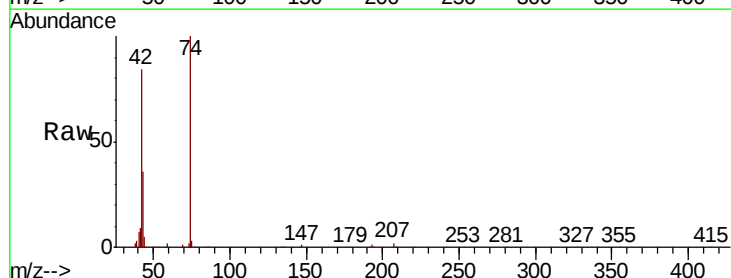
Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

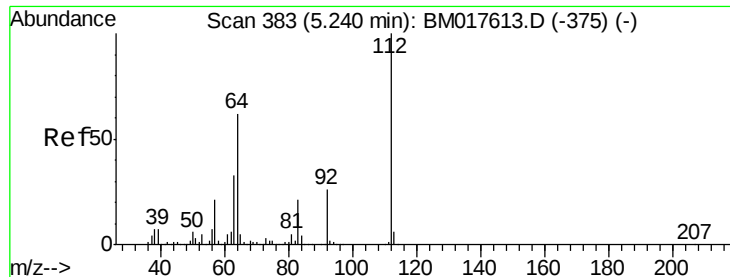
Tgt Ion	Ratio	Lower	Upper
79	100		
52	76.2	60.1	90.1
51	39.1	31.1	46.7



#4
 n-Nitrosodimethylamine
 Concen: 45.367 ng
 RT: 3.53 min Scan# 93
 Delta R.T. 0.00 min
 Lab File: BM017618.D
 Acq: 12 Nov 2018 18:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.5	93.1	139.7
44	6.1	5.0	7.6





#5

2-Fluorophenol

Concen: 146.513 ng

RT: 5.25 min Scan# 384

Delta R.T. 0.01 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

ClientSampleId :

PB114669BS

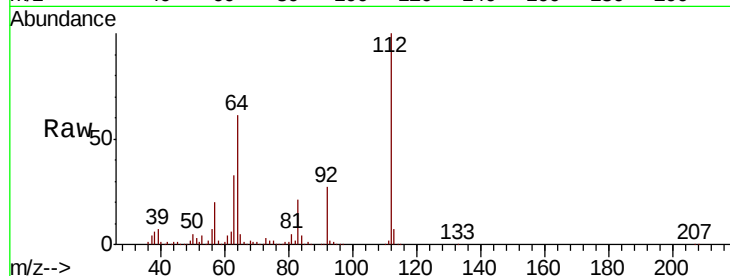
Tgt Ion:112 Resp: 1868332

Ion Ratio Lower Upper

112 100

64 60.6 49.3 73.9

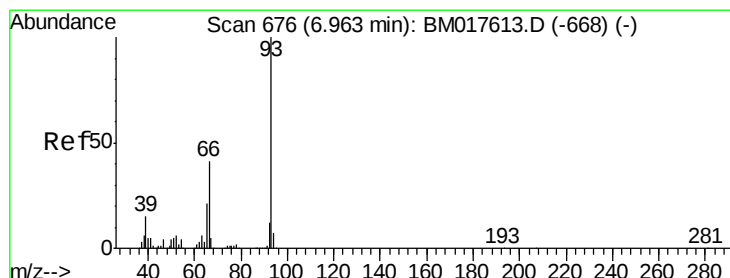
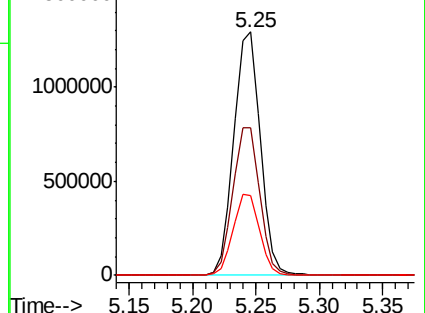
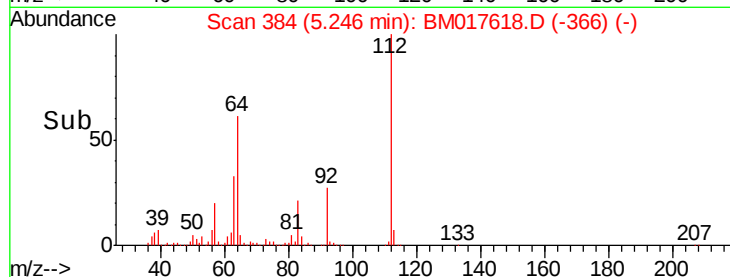
63 32.7 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 36.711 ng

RT: 6.96 min Scan# 676

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

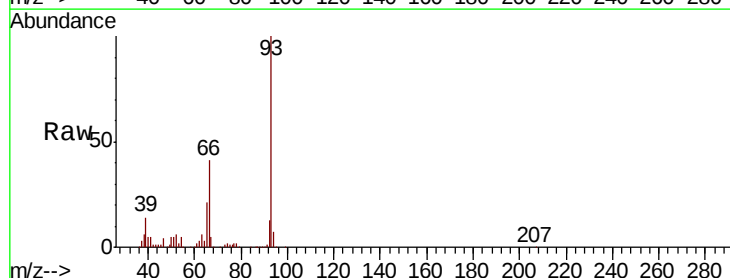
Tgt Ion: 93 Resp: 810802

Ion Ratio Lower Upper

93 100

66 40.9 32.8 49.2

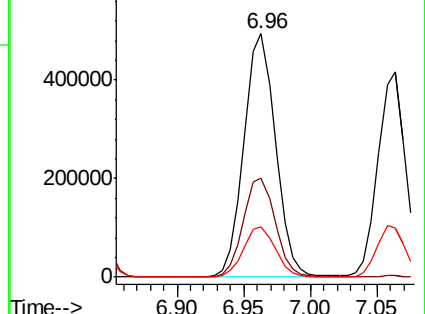
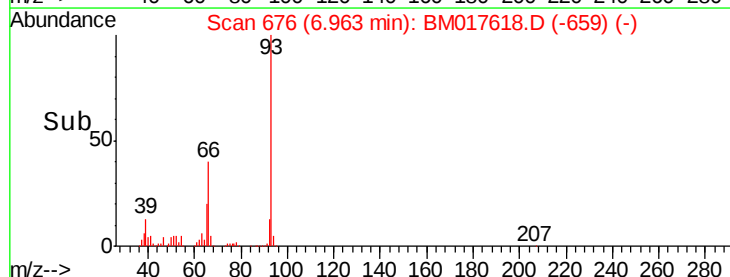
65 20.9 16.6 25.0

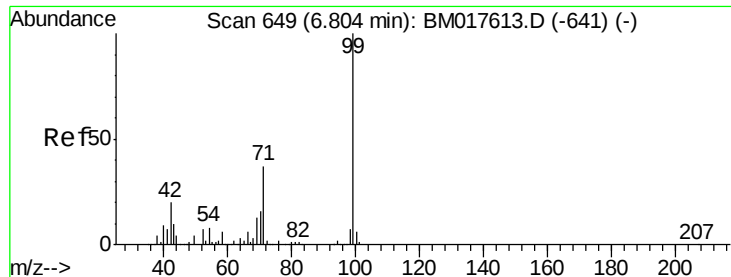


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 137.647 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

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PB114669BS

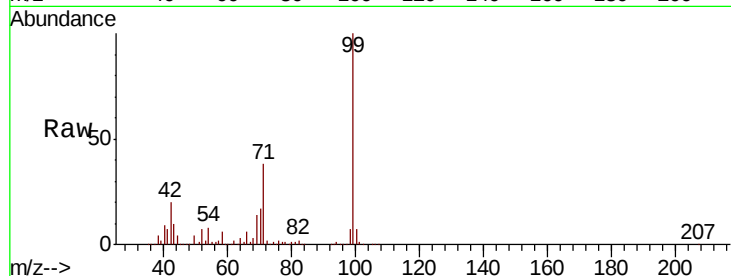
Tgt Ion: 99 Resp: 2451488

Ion Ratio Lower Upper

99 100

42 20.3 16.3 24.5

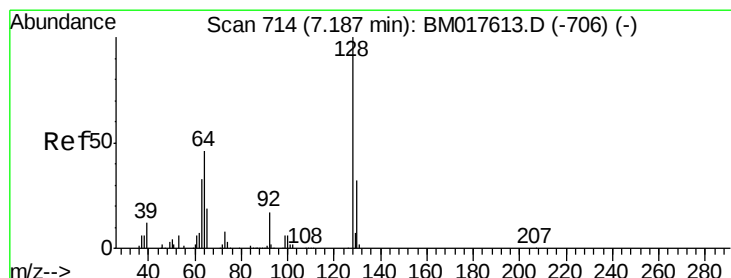
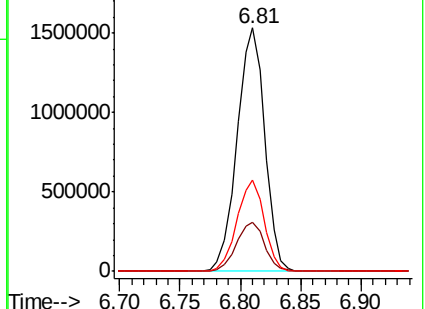
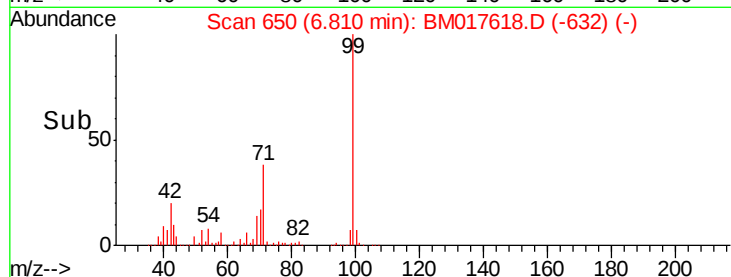
71 37.5 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017618.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017618.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017618.D (-650) (-)



#8

2-Chlorophenol

Concen: 44.480 ng

RT: 7.19 min Scan# 714

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

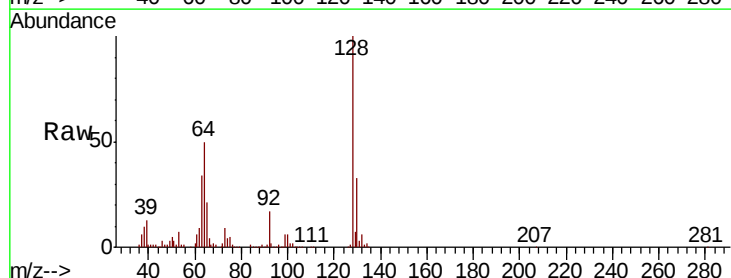
Tgt Ion: 128 Resp: 678823

Ion Ratio Lower Upper

128 100

130 32.9 12.4 52.4

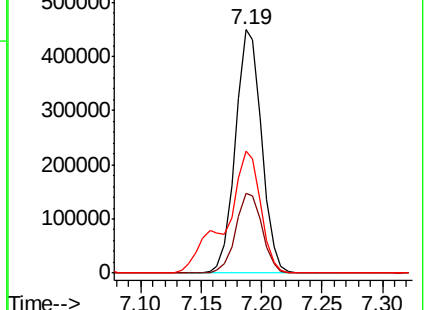
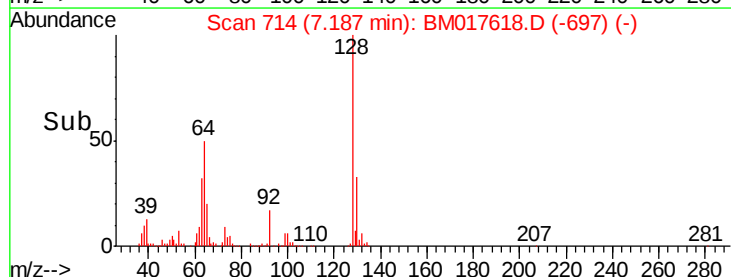
64 50.0 30.0 70.0

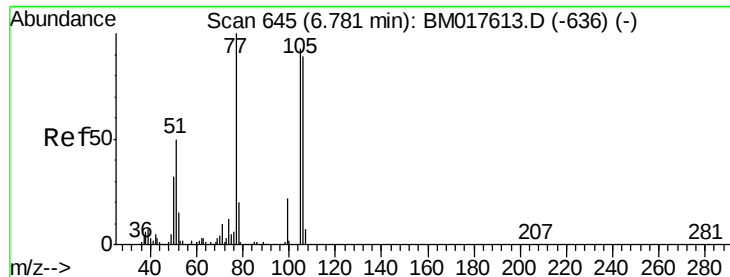


Abundance Ion 128.00 (127.70 to 128.70): BM017618.D (-714) (-)

Ion 130.00 (129.70 to 130.70): BM017618.D (-714) (-)

Ion 64.00 (63.70 to 64.70): BM017618.D (-714) (-)





#9

Benzaldehyde

Concen: 30.673 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

ClientSampleId :

PB114669BS

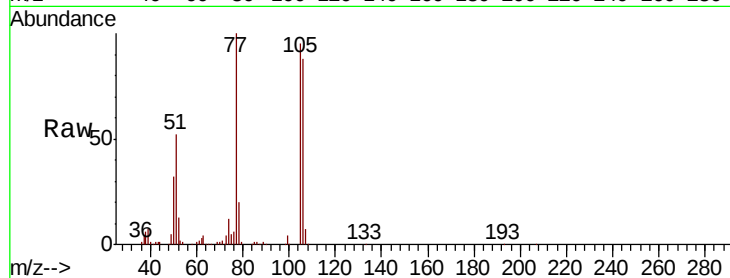
Tgt Ion: 77 Resp: 397948

Ion Ratio Lower Upper

77 100

105 94.8 72.7 112.7

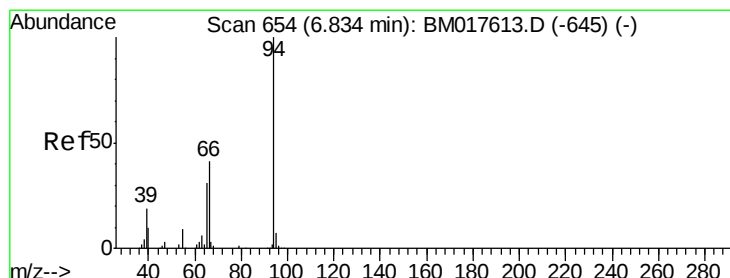
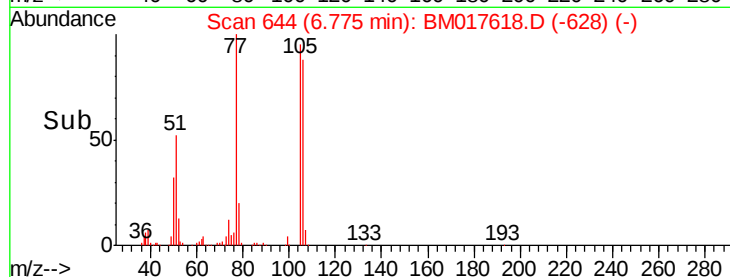
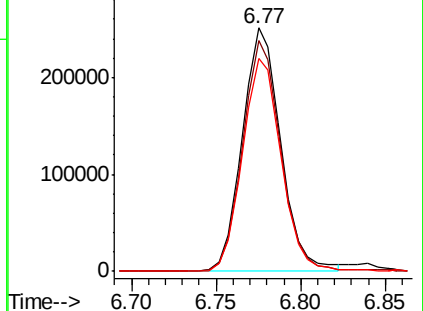
106 87.5 68.9 108.9



Abundance Ion 77.00 (76.70 to 77.70): BM017618.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM017618.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM017618.D (-636) (-)



#10

Phenol

Concen: 45.028 ng

RT: 6.83 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

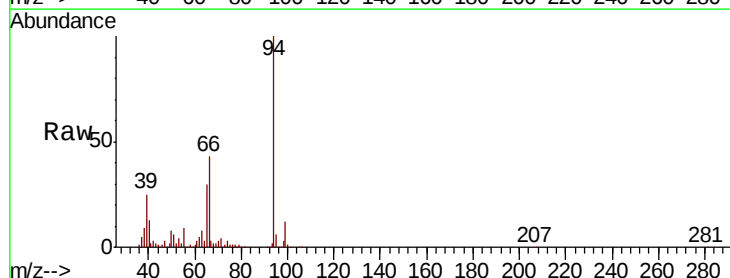
Tgt Ion: 94 Resp: 841750

Ion Ratio Lower Upper

94 100

65 30.4 11.4 51.4

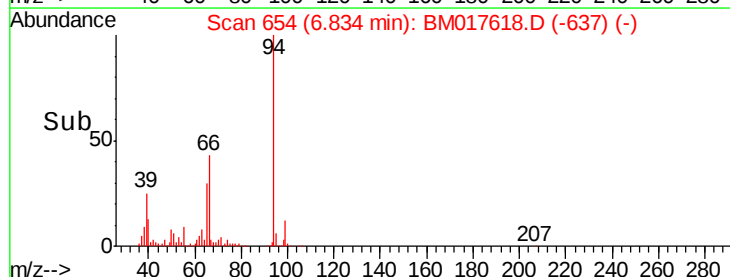
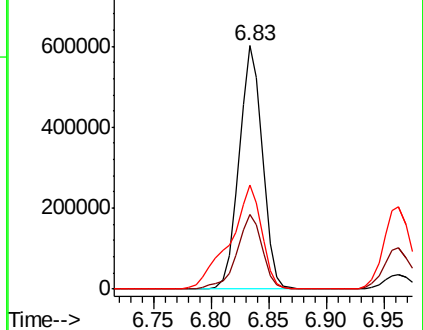
66 42.5 21.4 61.4

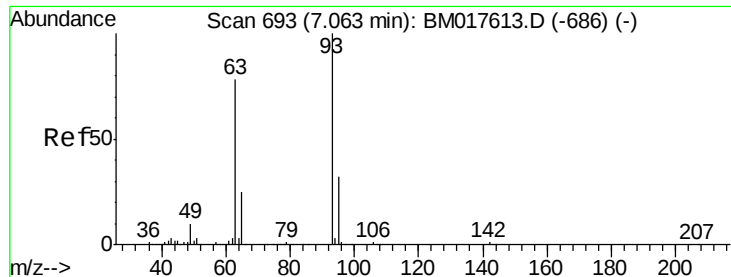


Abundance Ion 94.00 (93.70 to 94.70): BM017618.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017618.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017618.D (-645) (-)

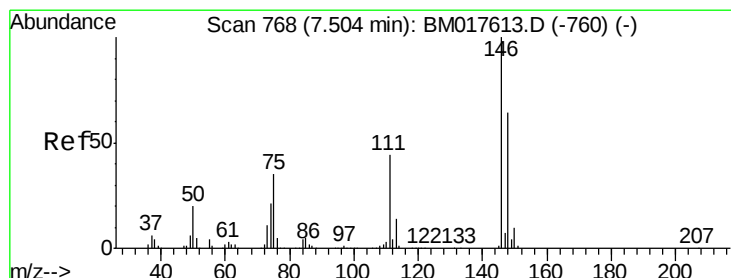
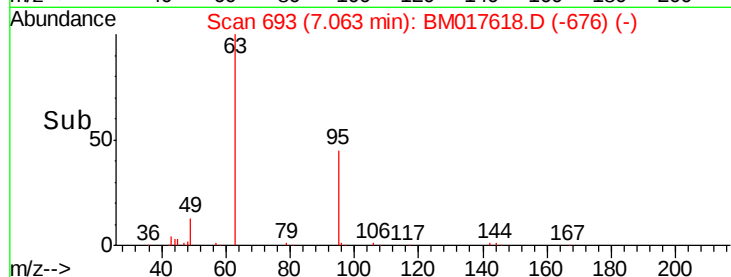
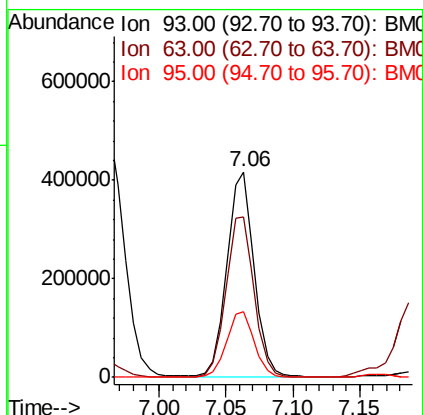
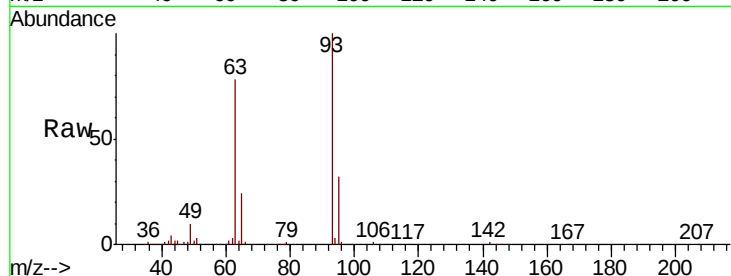




#11
bis(2-Chloroethyl)ether
Concen: 39.931 ng
RT: 7.06 min Scan# 693
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

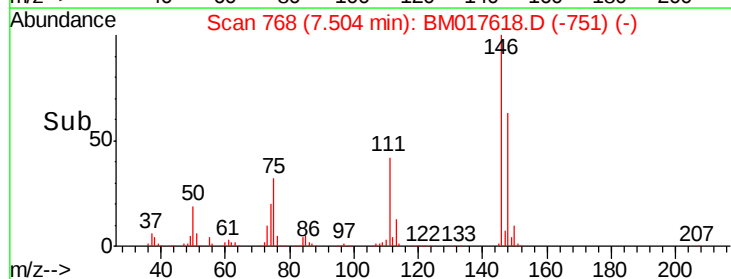
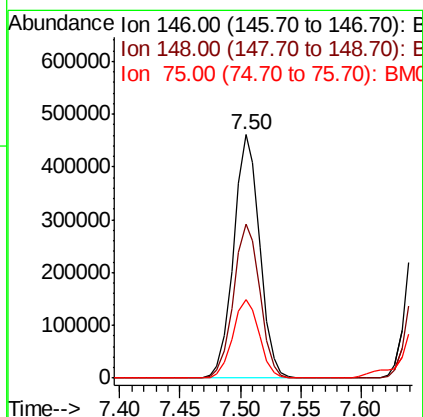
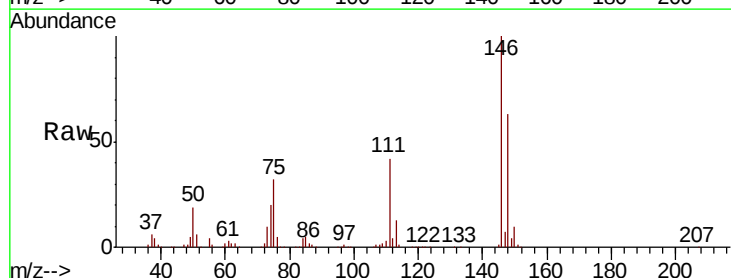
Instrument :
BNA_M
ClientSampleId :
PB114669BS

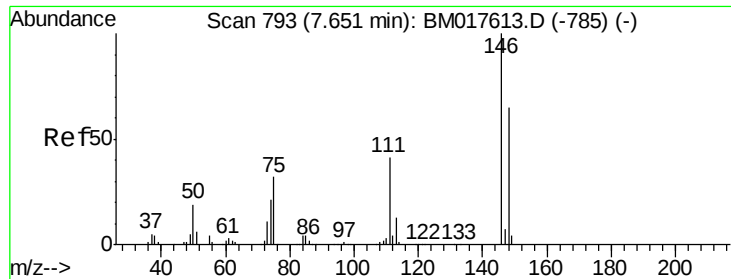
Tgt Ion	Ratio	Lower	Upper
93	100		
63	77.9	57.9	97.9
95	31.9	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 40.323 ng
RT: 7.50 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.2	76.8
75	32.1	28.2	42.2

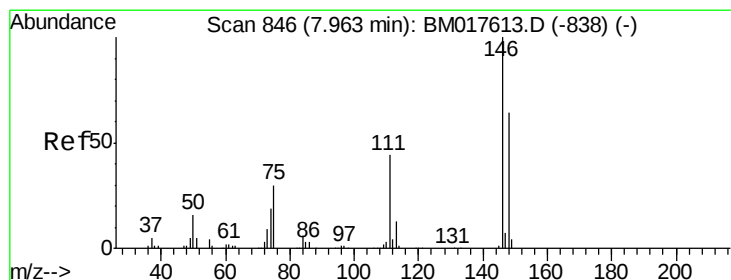
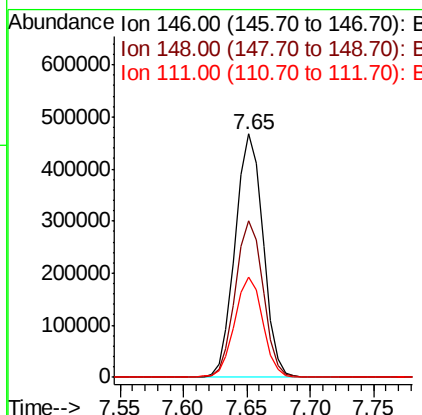
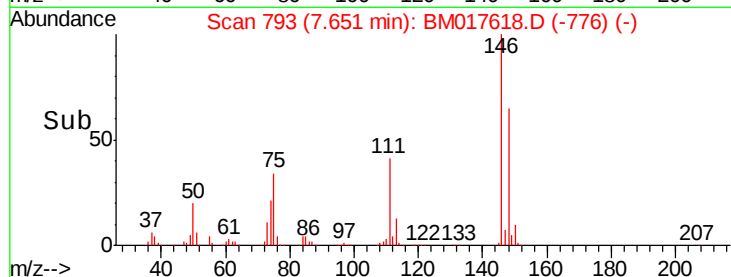
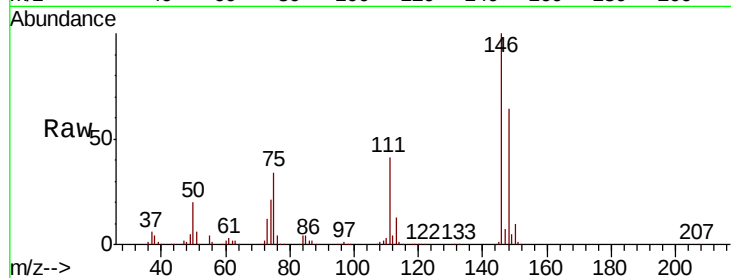




#13
 1,4-Dichlorobenzene
 Concen: 40.580 ng
 RT: 7.65 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BM017618.D
 Acq: 12 Nov 2018 18:20

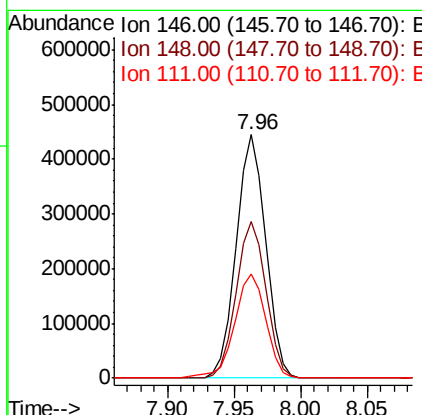
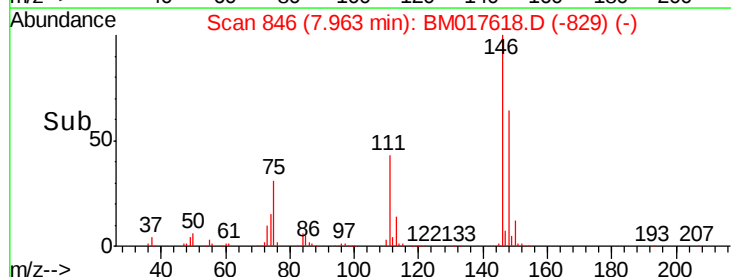
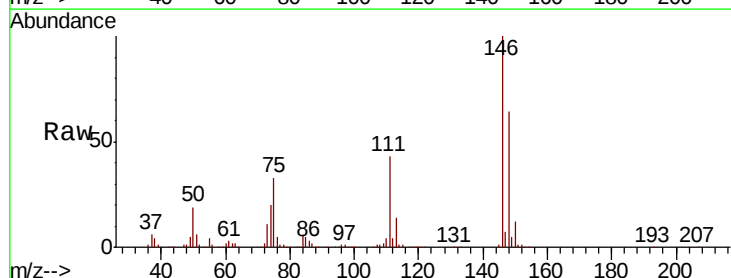
Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

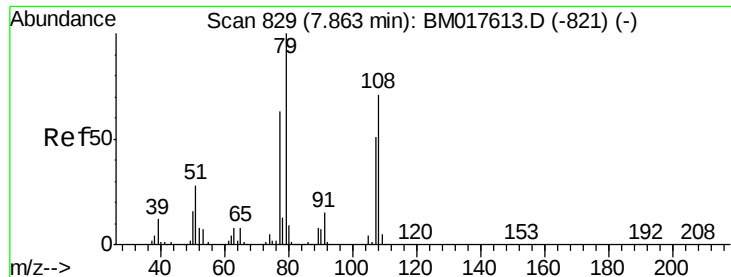
Tgt Ion:146 Resp: 712185
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.0 78.0
 111 40.9 33.2 49.8



#14
 1,2-Dichlorobenzene
 Concen: 40.019 ng
 RT: 7.96 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BM017618.D
 Acq: 12 Nov 2018 18:20

Tgt Ion:146 Resp: 681025
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.6 77.4
 111 42.9 35.8 53.8





#15

Benzyl Alcohol

Concen: 42.606 ng

RT: 7.86 min Scan# 829

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

ClientSampleId :

PB114669BS

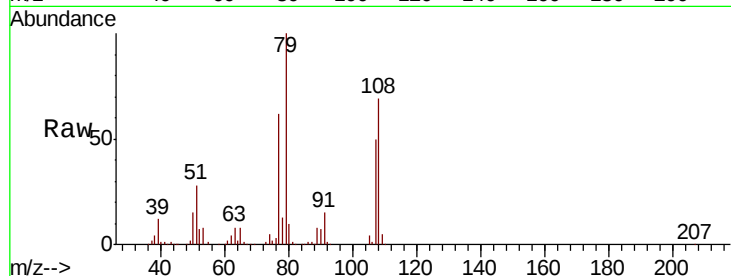
Tgt Ion: 79 Resp: 604301

Ion Ratio Lower Upper

79 100

108 69.3 57.1 85.7

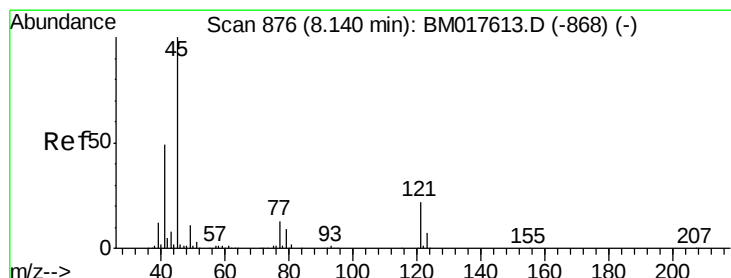
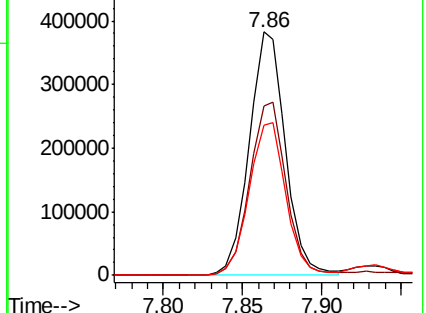
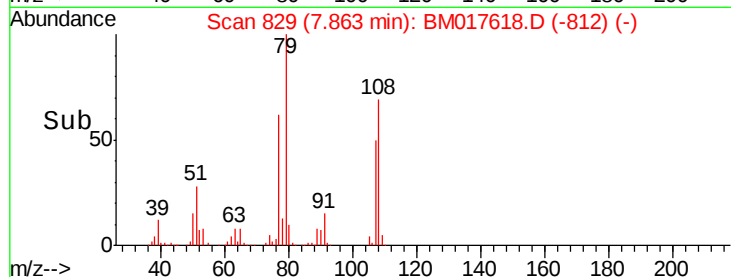
77 61.8 50.4 75.6



Abundance Ion 79.00 (78.70 to 79.70): BM017618.D (-812) (-)

Ion 108.00 (107.70 to 108.70): BM017618.D (-812) (-)

Ion 77.00 (76.70 to 77.70): BM017618.D (-812) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.825 ng

RT: 8.15 min Scan# 877

Delta R.T. 0.01 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

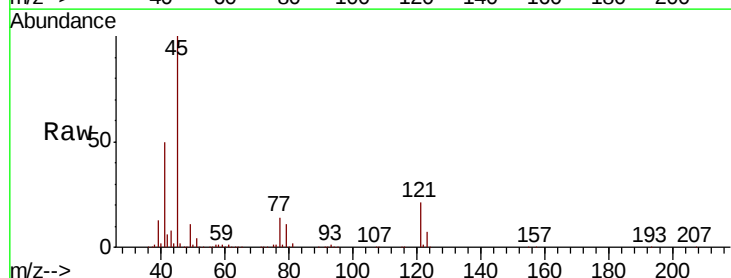
Tgt Ion: 45 Resp: 894825

Ion Ratio Lower Upper

45 100

77 14.1 0.0 34.2

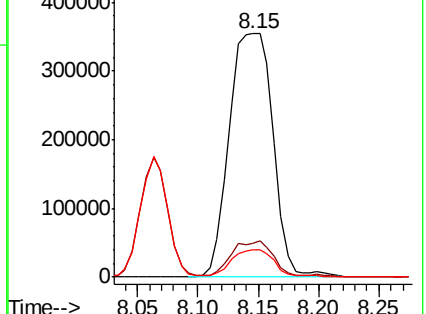
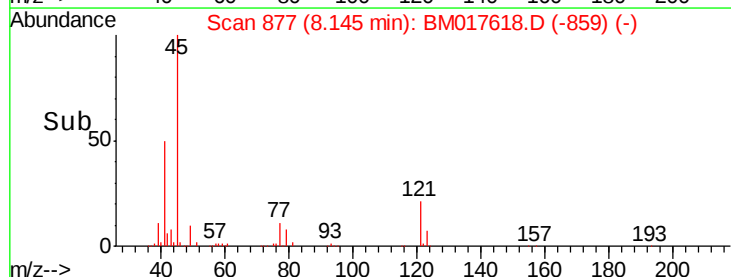
79 11.0 0.0 30.5

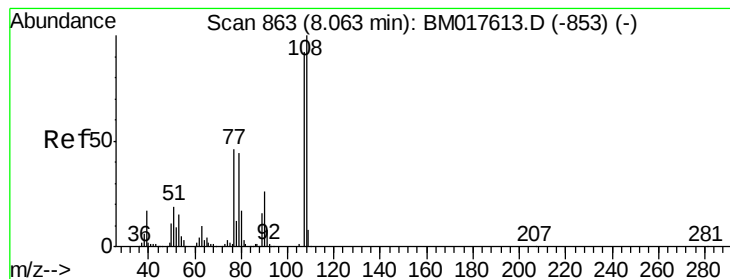


Abundance Ion 45.00 (44.70 to 45.70): BM017618.D (-859) (-)

Ion 77.00 (76.70 to 77.70): BM017618.D (-859) (-)

Ion 79.00 (78.70 to 79.70): BM017618.D (-859) (-)





#17

2-Methylphenol

Concen: 44.812 ng

RT: 8.06 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

ClientSampleId :

PB114669BS

Tgt Ion:107 Resp: 564337

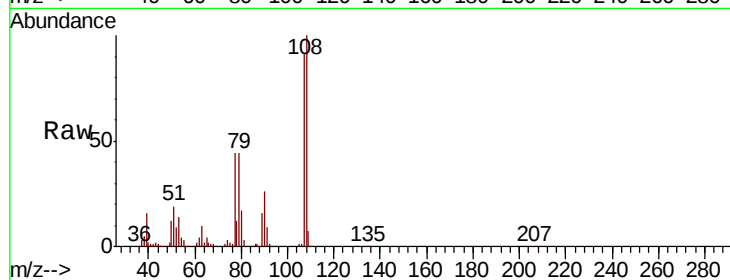
Ion Ratio Lower Upper

107 100

108 110.2 86.7 130.1

77 48.1 39.8 59.6

79 48.5 38.4 57.6



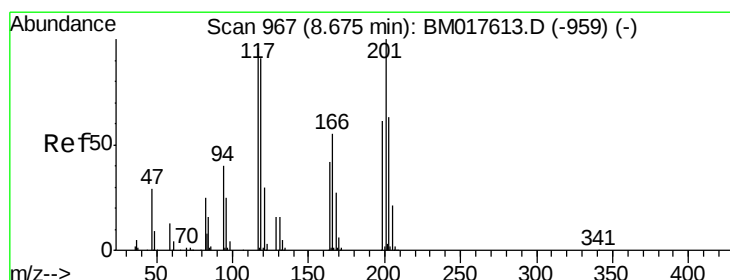
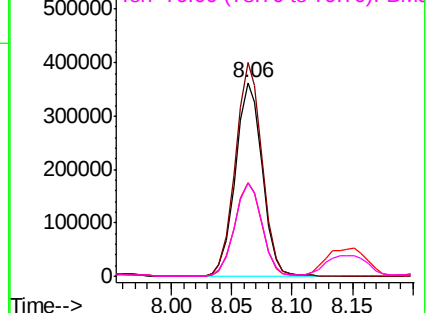
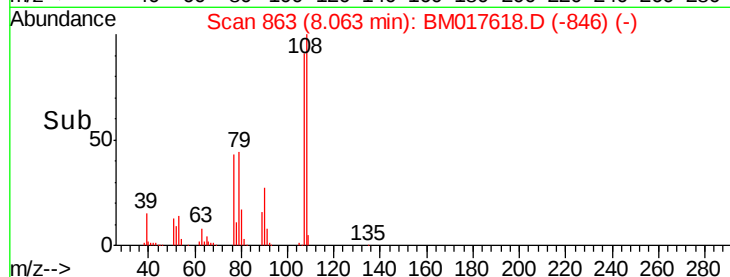
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 41.636 ng

RT: 8.67 min Scan# 967

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

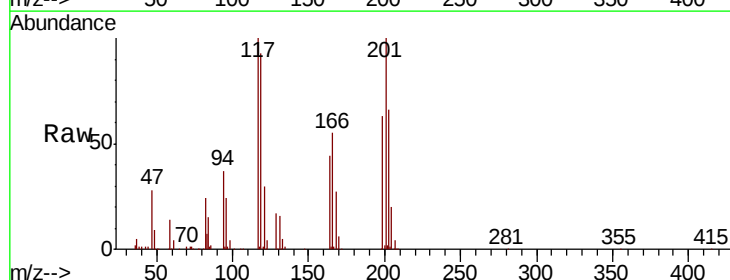
Tgt Ion:117 Resp: 257538

Ion Ratio Lower Upper

117 100

119 93.1 75.8 113.8

201 100.5 83.0 124.4

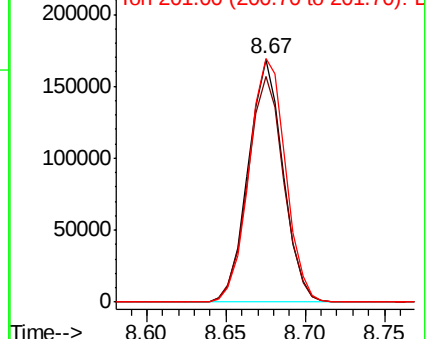
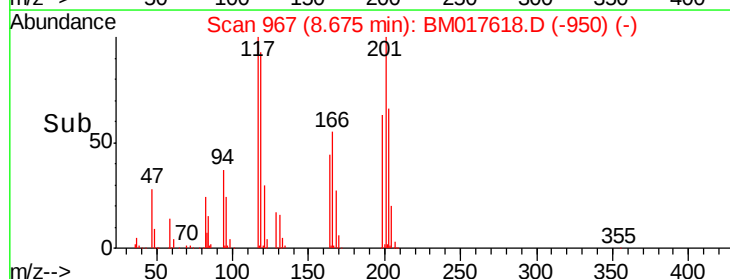


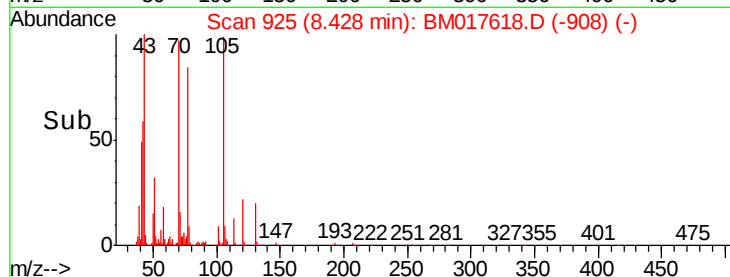
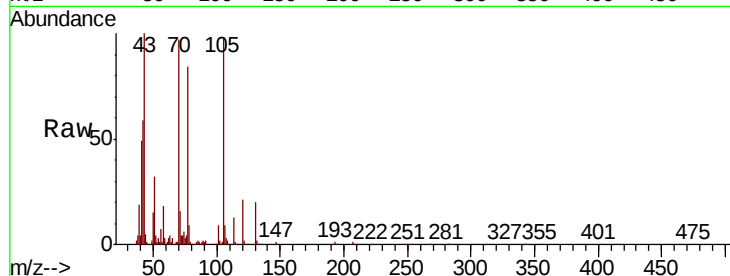
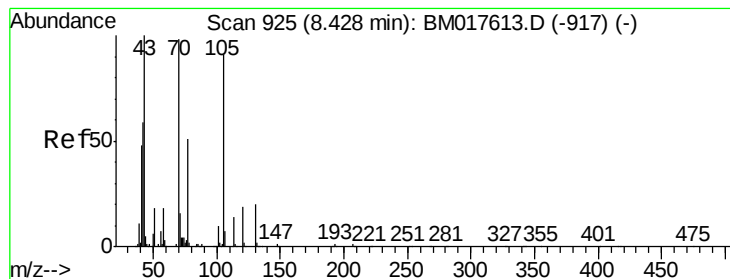
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.847 ng

RT: 8.43 min Scan# 925

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

ClientSampleId :

PB114669BS

Tgt Ion: 70 Resp: 509572

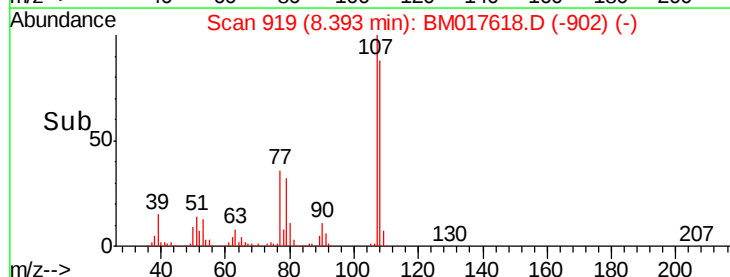
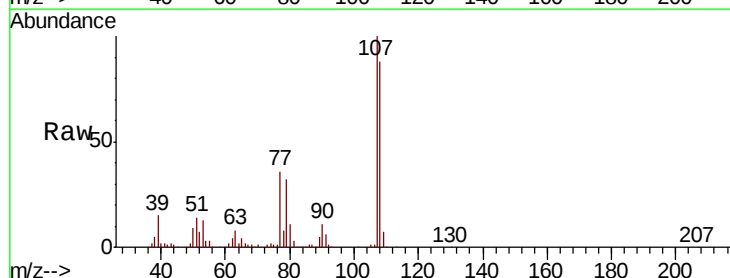
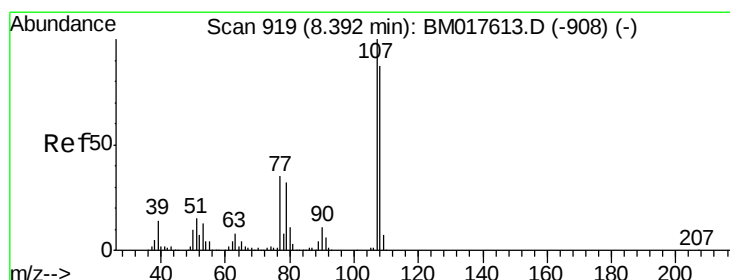
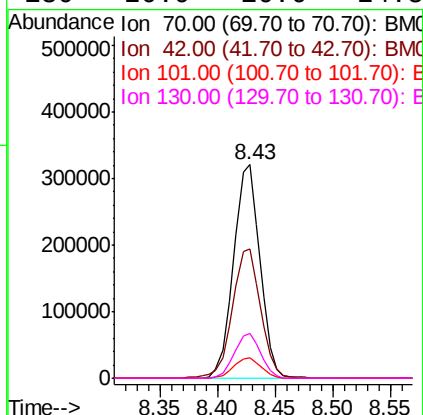
Ion Ratio Lower Upper

70 100

42 60.7 48.6 73.0

101 9.6 7.9 11.9

130 20.9 16.6 24.8



#20

3+4-Methylphenols

Concen: 43.698 ng

RT: 8.39 min Scan# 919

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Tgt Ion: 107 Resp: 764598

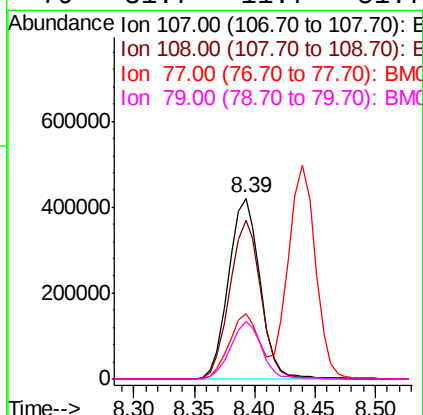
Ion Ratio Lower Upper

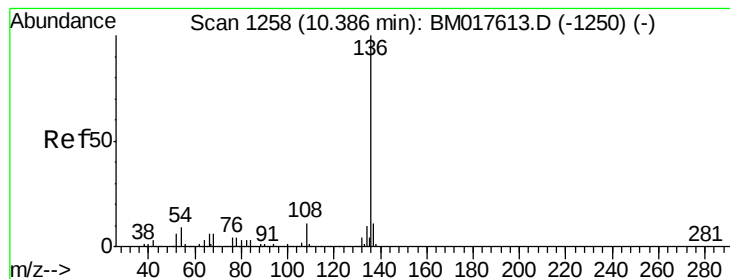
107 100

108 87.7 67.0 107.0

77 36.2 15.6 55.6

79 31.7 11.7 51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

ClientSampleId :

PB114669BS

Tgt Ion:136 Resp: 888271

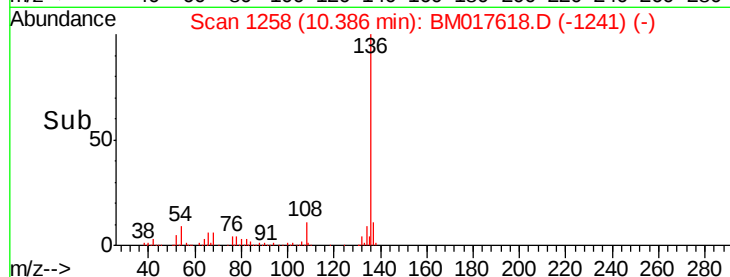
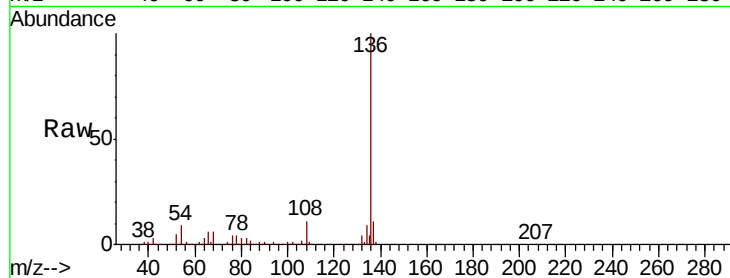
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 9.3 7.0 10.6

68 6.0 4.9 7.3



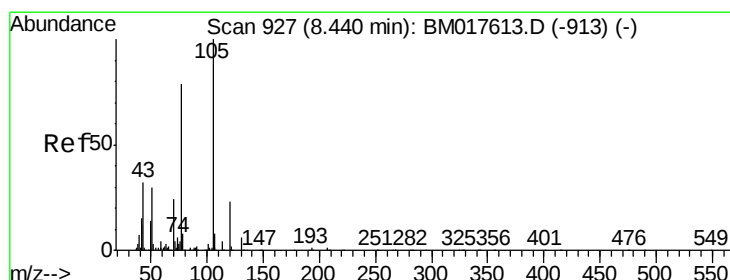
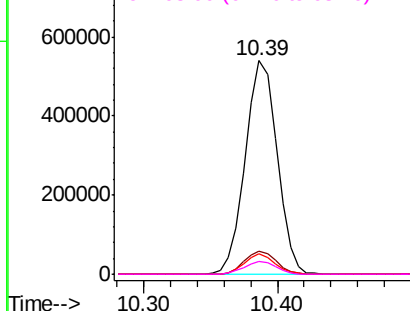
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 43.798 ng

RT: 8.44 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Tgt Ion:105 Resp: 970995

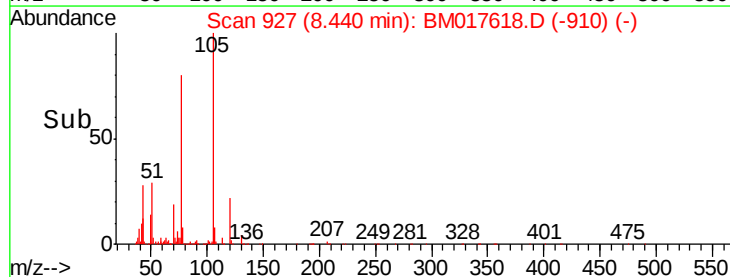
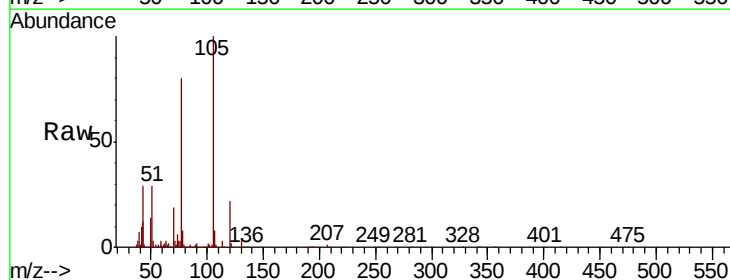
Ion Ratio Lower Upper

105 100

71 3.3 3.1 4.7

51 28.9 23.8 35.8

120 21.7 18.0 27.0



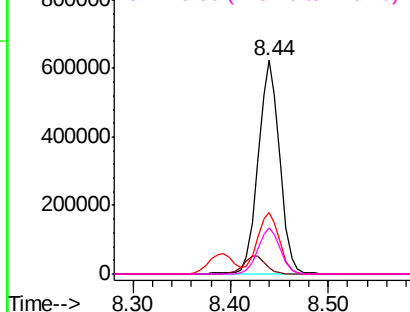
Abundance

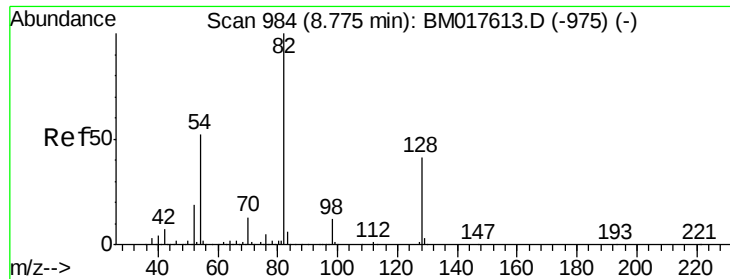
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

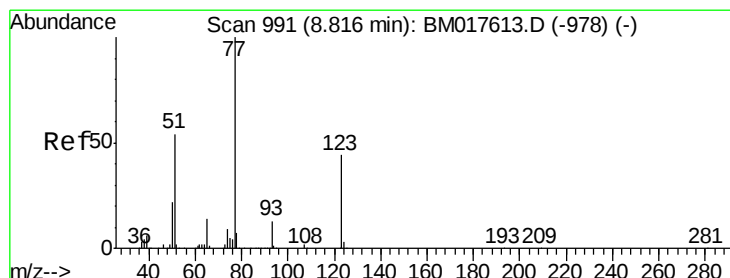
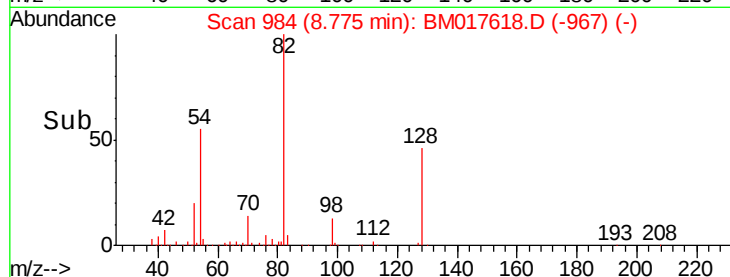
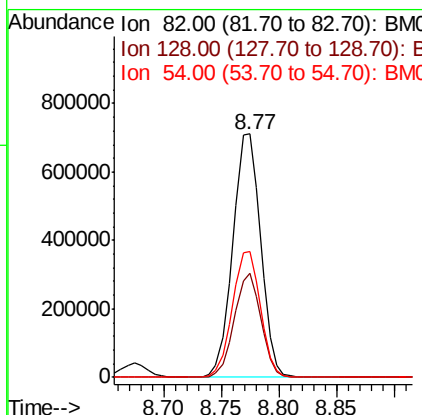
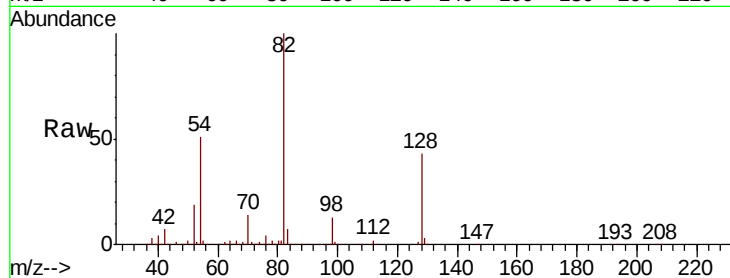




#23
 Nitrobenzene-d5
 Concen: 69.176 ng
 RT: 8.77 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BM017618.D
 Acq: 12 Nov 2018 18:20

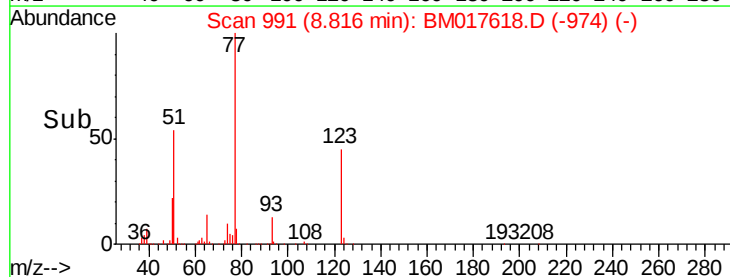
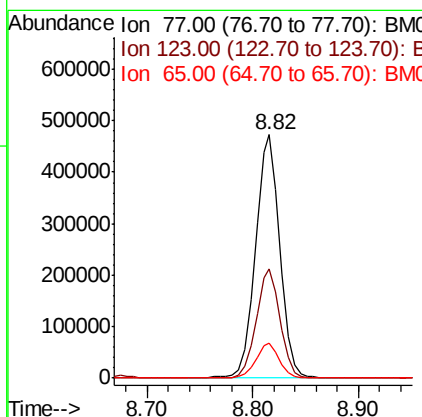
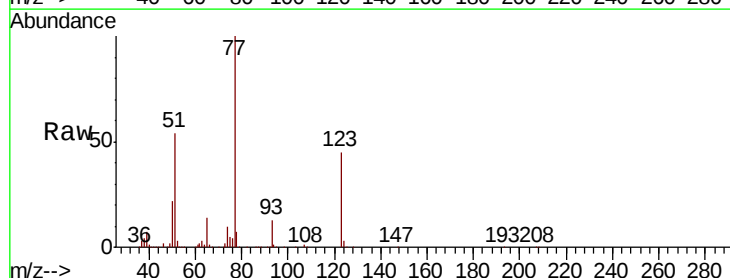
Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

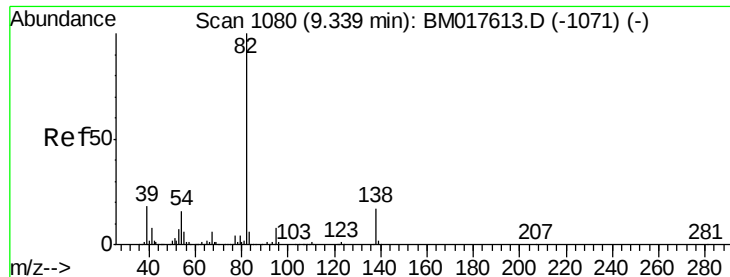
Tgt Ion: 82 Resp: 1190259
 Ion Ratio Lower Upper
 82 100
 128 42.9 33.0 49.4
 54 51.4 41.4 62.2



#24
 Nitrobenzene
 Concen: 43.192 ng
 RT: 8.82 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BM017618.D
 Acq: 12 Nov 2018 18:20

Tgt Ion: 77 Resp: 754011
 Ion Ratio Lower Upper
 77 100
 123 44.7 35.1 52.7
 65 14.1 11.0 16.6





#25

Isophorone

Concen: 49.580 ng

RT: 9.33 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

ClientSampleId :

PB114669BS

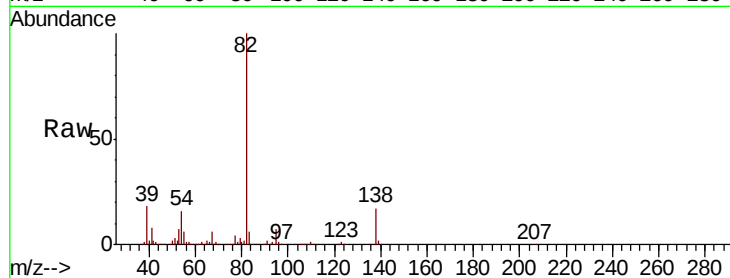
Tgt Ion: 82 Resp: 1317615

Ion Ratio Lower Upper

82 100

95 7.4 6.1 9.1

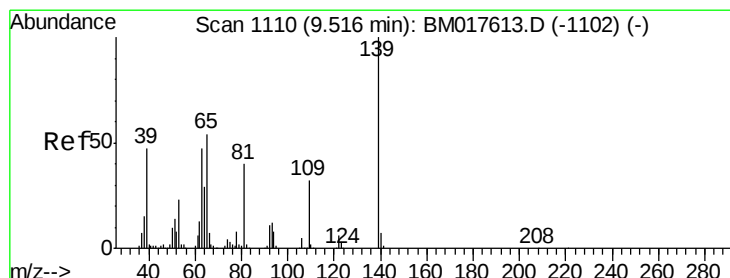
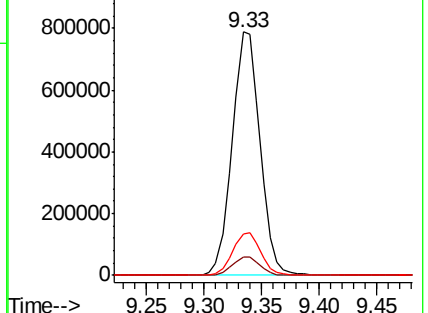
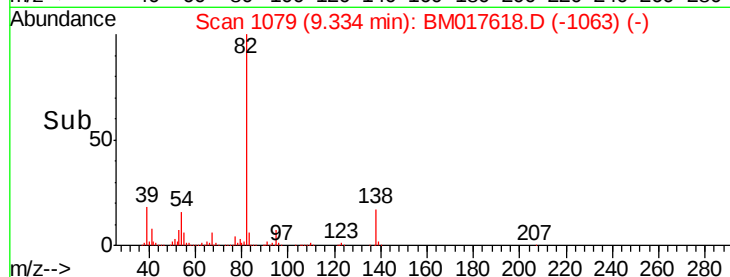
138 17.2 13.9 20.9



Abundance Ion 82.00 (81.70 to 82.70): BM017618.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM017618.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM017618.D (-1071) (-)



#26

2-Nitrophenol

Concen: 44.458 ng

RT: 9.52 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

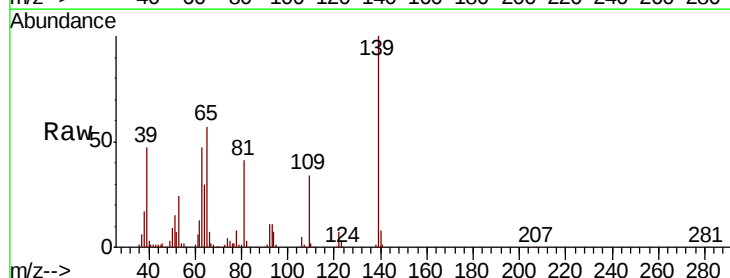
Tgt Ion: 139 Resp: 357491

Ion Ratio Lower Upper

139 100

109 33.6 25.9 38.9

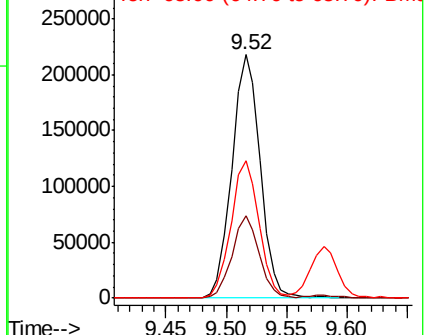
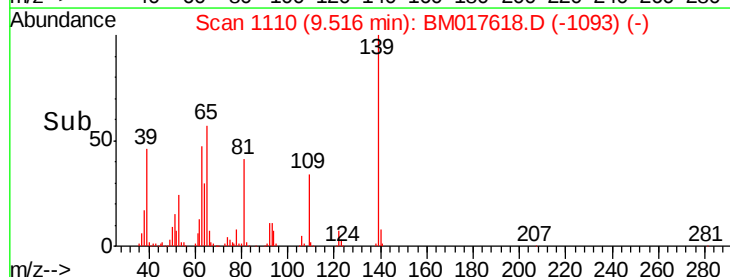
65 56.7 43.0 64.4

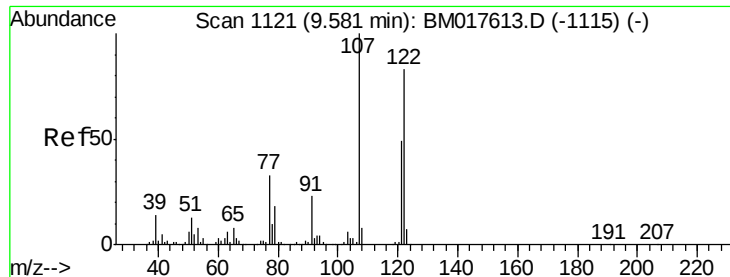


Abundance Ion 139.00 (138.70 to 139.70): BM017618.D (-1093) (-)

Ion 109.00 (108.70 to 109.70): BM017618.D (-1093) (-)

Ion 65.00 (64.70 to 65.70): BM017618.D (-1093) (-)

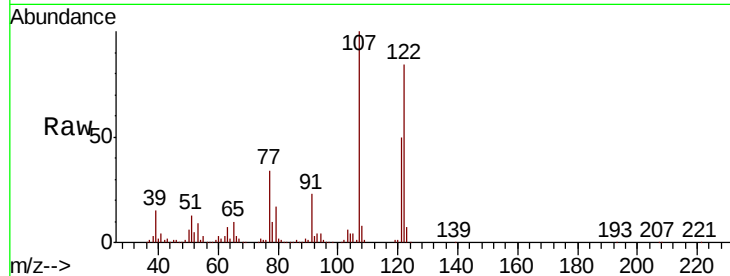




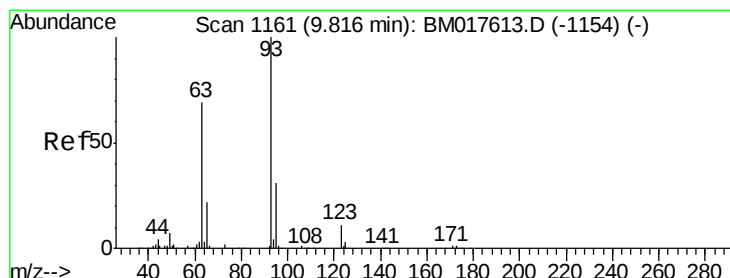
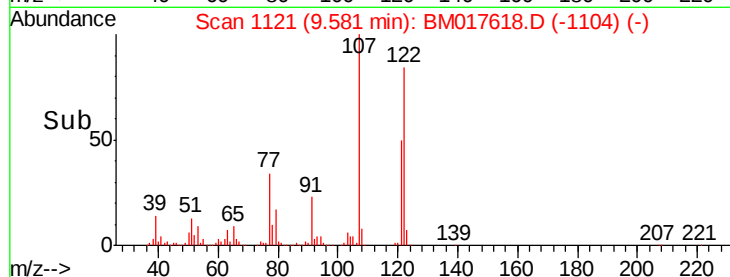
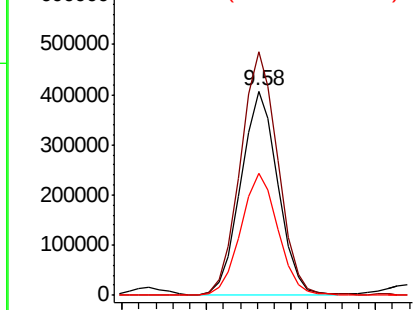
#27
2,4-Dimethylphenol
Concen: 53.255 ng
RT: 9.58 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.3	95.8	143.8
121	59.7	47.2	70.8

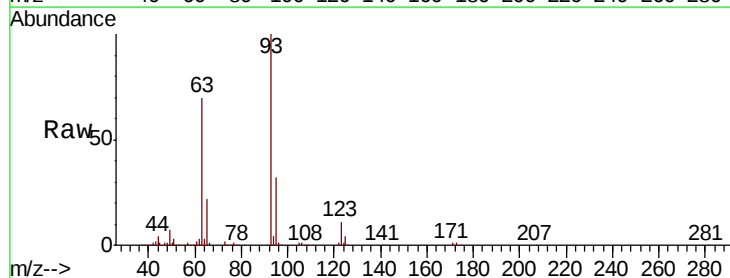


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

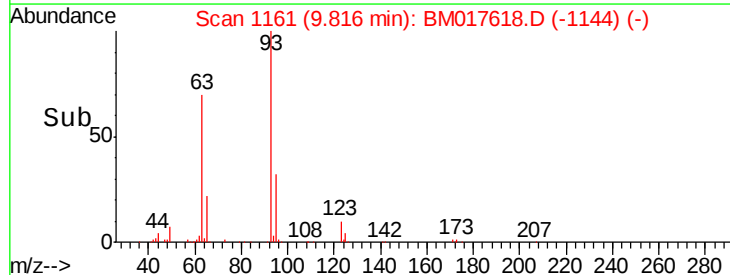
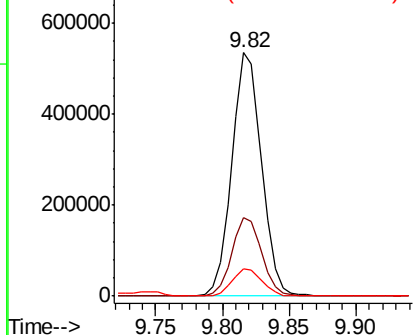


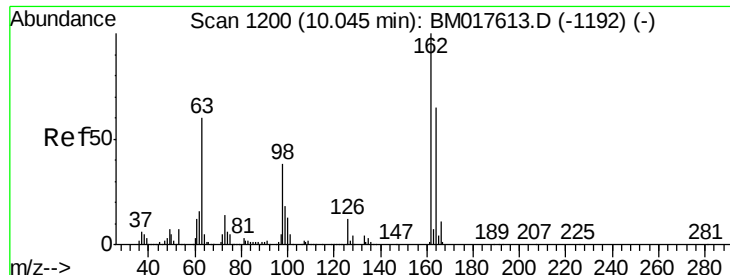
#28
bis(2-Chloroethoxy)methane
Concen: 46.134 ng
RT: 9.82 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	24.9	37.3
123	11.2	8.7	13.1



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 123.00 (122.70 to 123.70): E

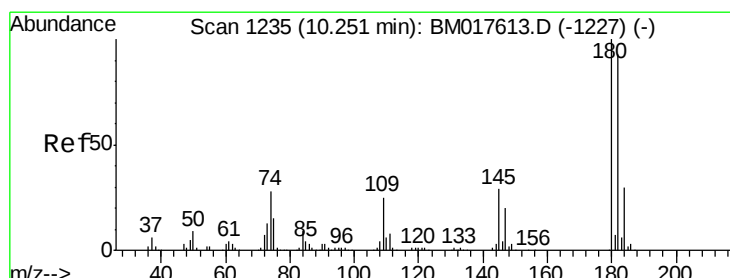
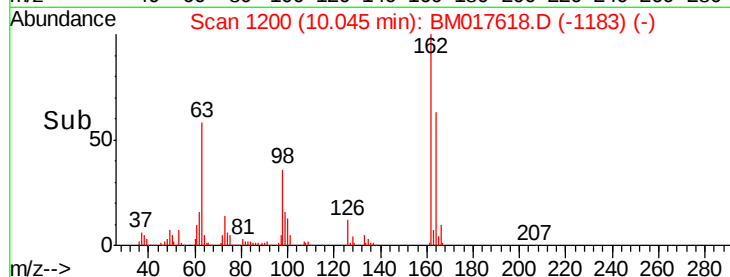
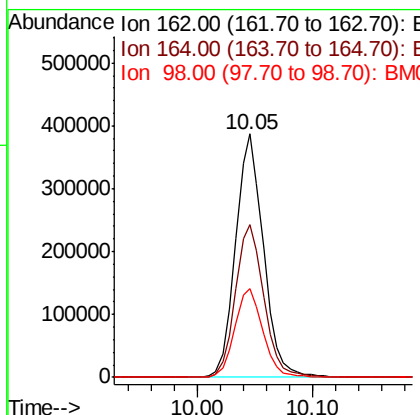
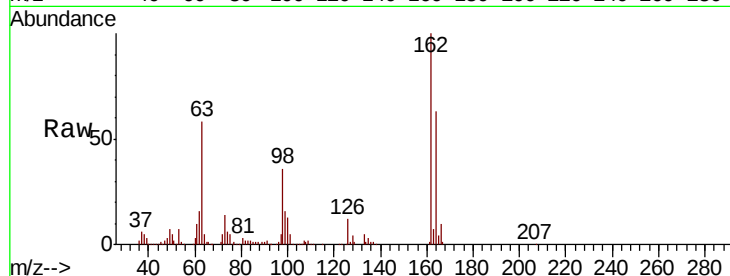




#29
2,4-Dichlorophenol
Concen: 48.010 ng
RT: 10.05 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

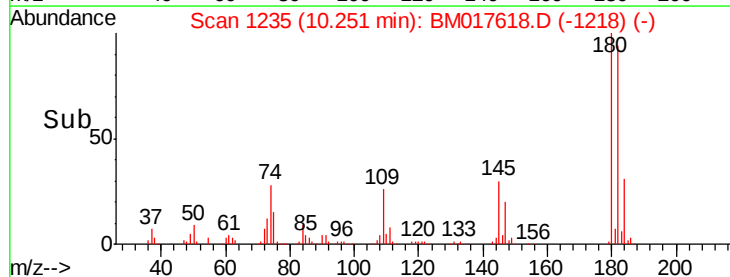
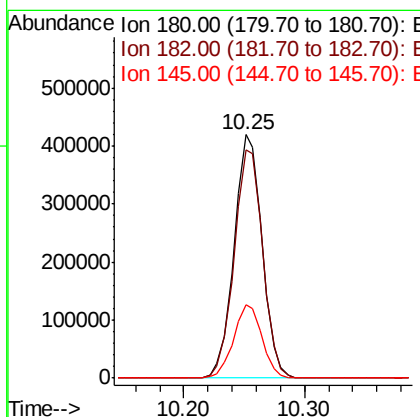
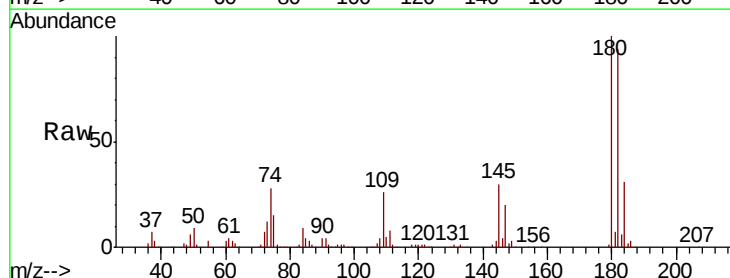
Instrument :
BNA_M
ClientSampleId :
PB114669BS

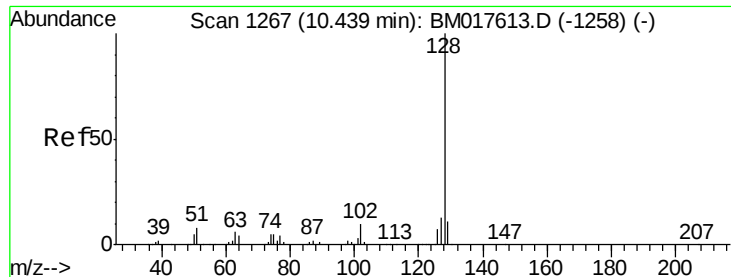
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.9	45.0	85.0
98	36.3	17.5	57.5



#30
1,2,4-Trichlorobenzene
Concen: 43.189 ng
RT: 10.25 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	74.4	111.6
145	29.9	23.5	35.3





#31

Naphthalene

Concen: 46.683 ng

RT: 10.44 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

ClientSampleId :

PB114669BS

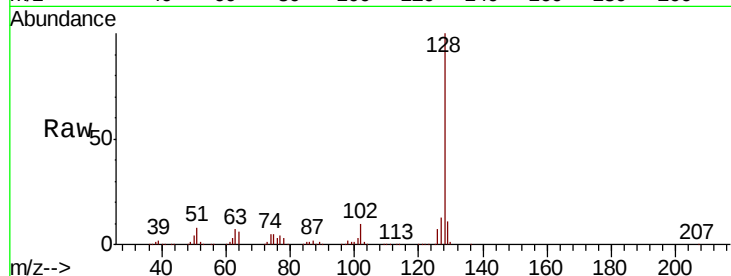
Tgt Ion:128 Resp: 2038806

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

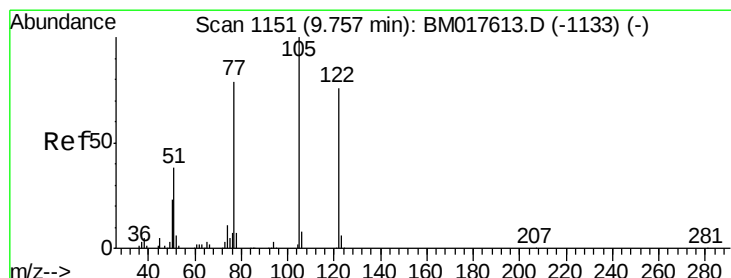
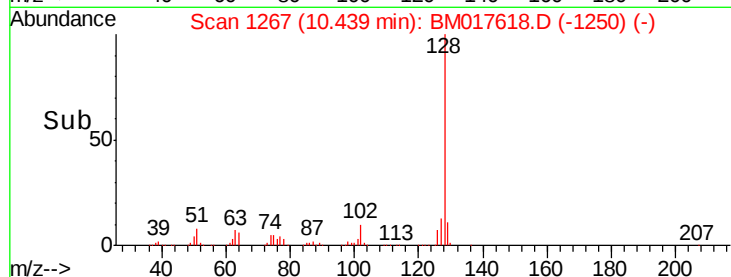
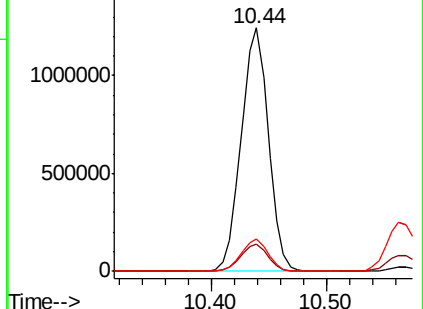
127 13.4 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.326 ng

RT: 9.75 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

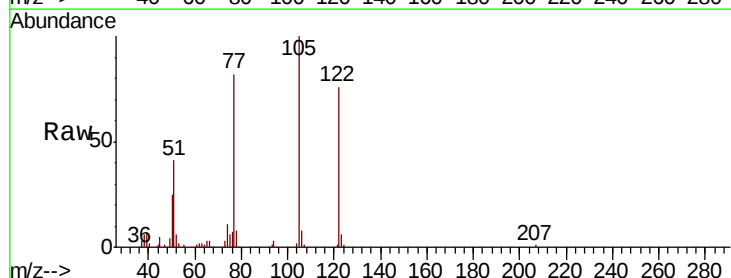
Tgt Ion:122 Resp: 391840

Ion Ratio Lower Upper

122 100

105 131.4 109.1 149.1

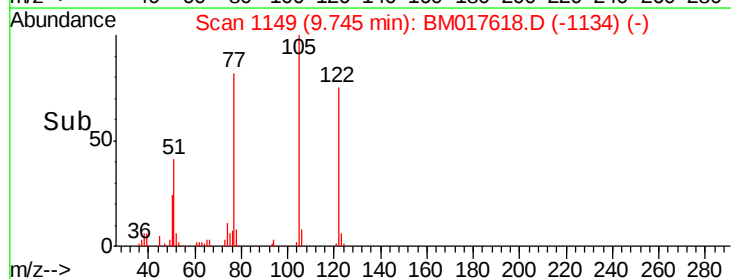
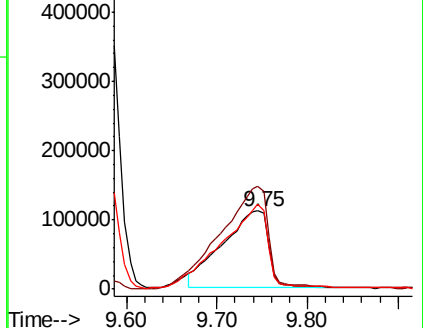
77 107.9 82.1 122.1

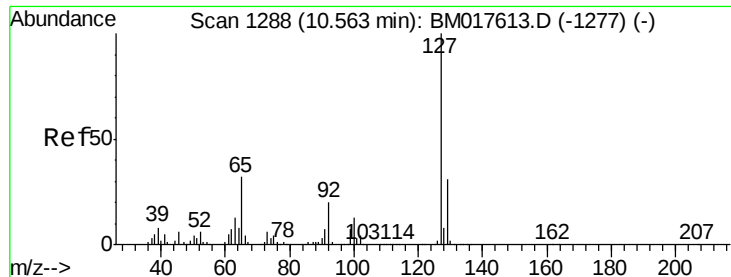


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

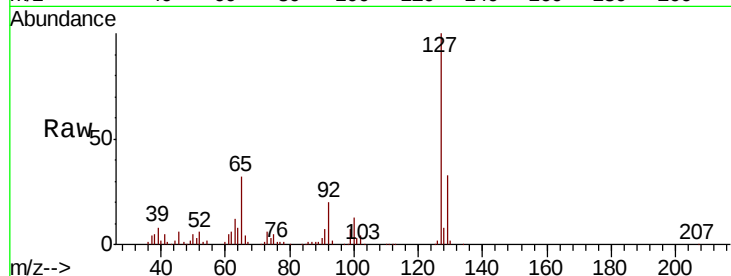




#33
4-Chloroaniline
Concen: 24.871 ng
RT: 10.56 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tgt Ion:	127	Resp:	475687
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.0	37.4
65	32.5	25.8	38.8
92	19.9	15.8	23.6



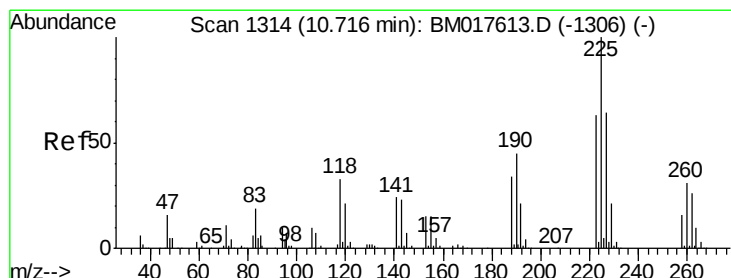
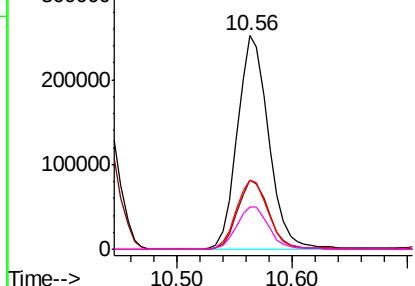
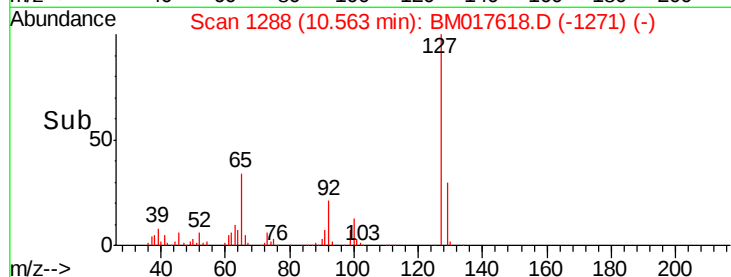
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

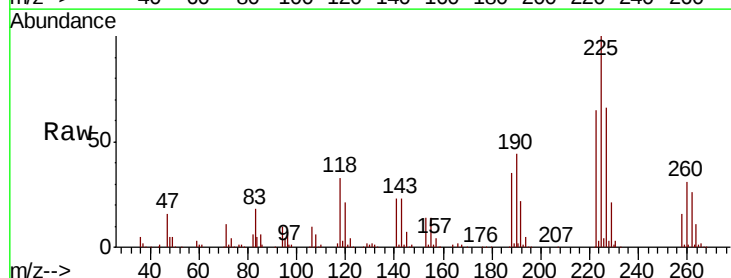
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 41.100 ng
RT: 10.72 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Tgt Ion:	225	Resp:	399222
Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.7	76.1
227	65.6	51.0	76.4

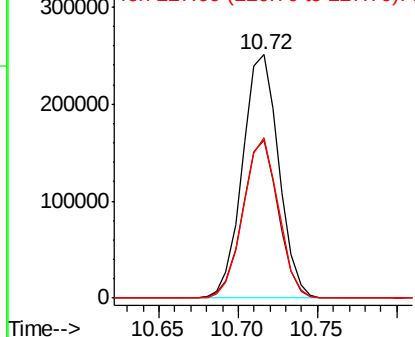
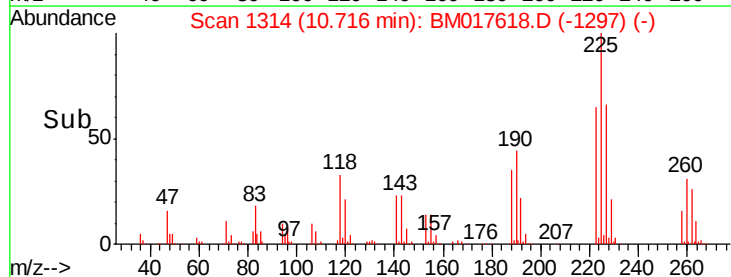


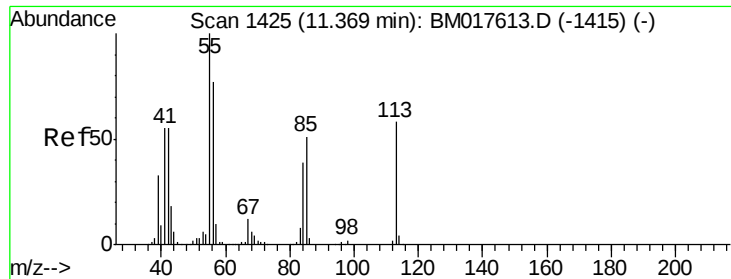
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

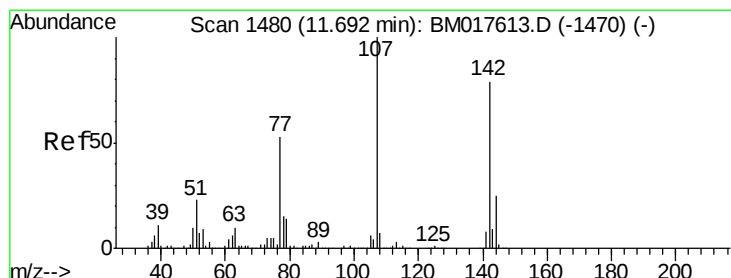
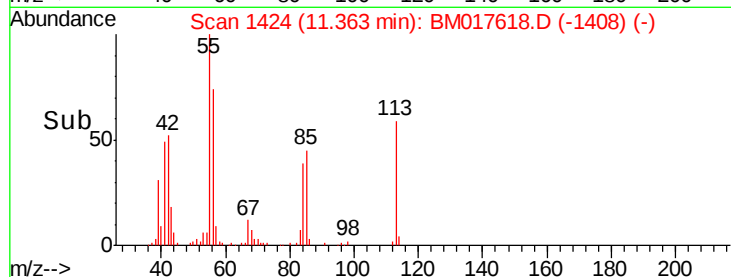
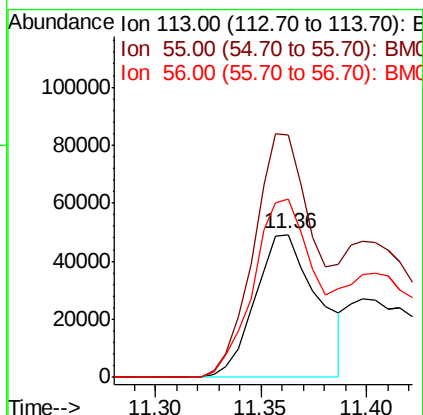
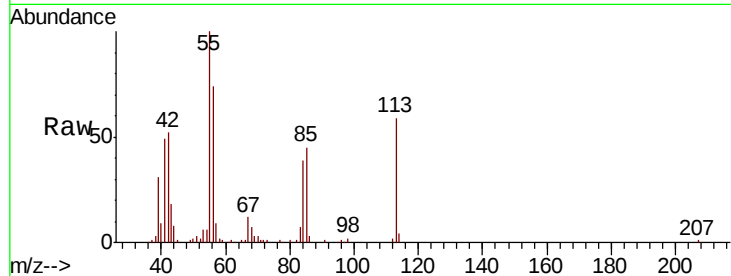




#35
 Caprolactam
 Concen: 20.426 ng
 RT: 11.36 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BM017618.D
 Acq: 12 Nov 2018 18:20

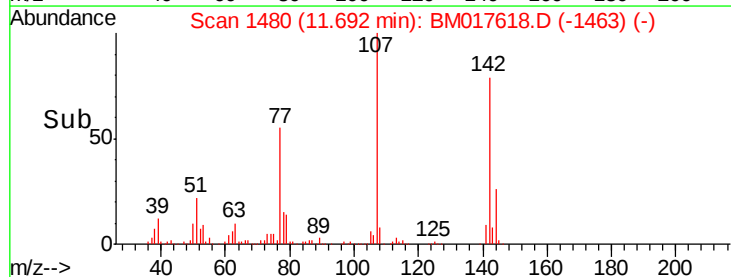
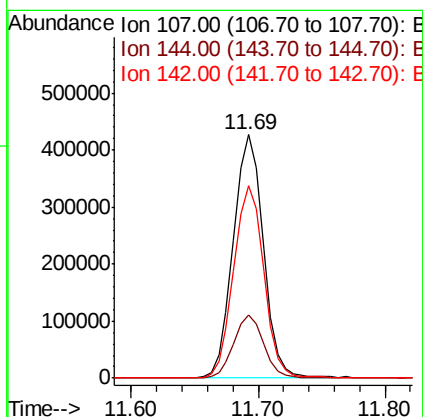
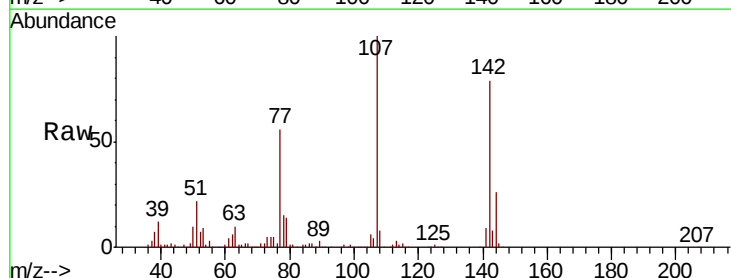
Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

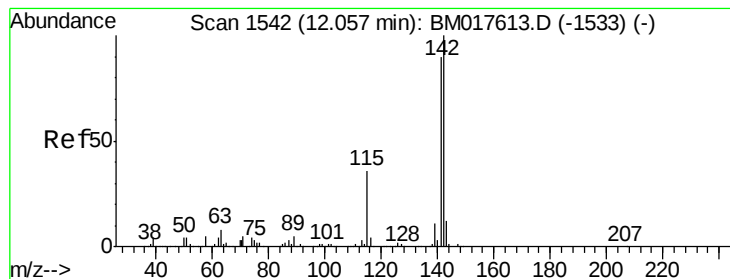
Tgt Ion:113 Resp: 101194
 Ion Ratio Lower Upper
 113 100
 55 169.3 153.1 193.1
 56 125.1 112.7 152.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.176 ng
 RT: 11.69 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BM017618.D
 Acq: 12 Nov 2018 18:20

Tgt Ion:107 Resp: 701655
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.9 29.9
 142 78.9 63.0 94.4





#37

2-Methylnaphthalene

Concen: 48.707 ng

RT: 12.06 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

ClientSampleId :

PB114669BS

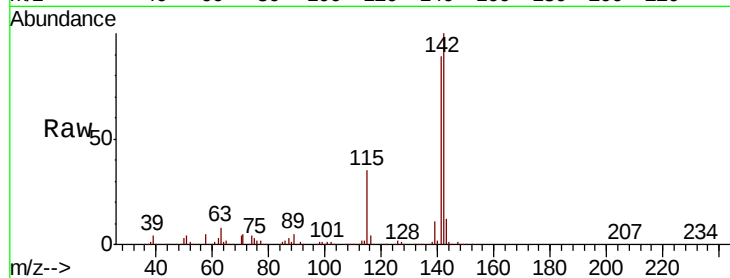
Tgt Ion:142 Resp: 1503440

Ion Ratio Lower Upper

142 100

141 89.2 72.2 108.4

115 35.5 28.5 42.7

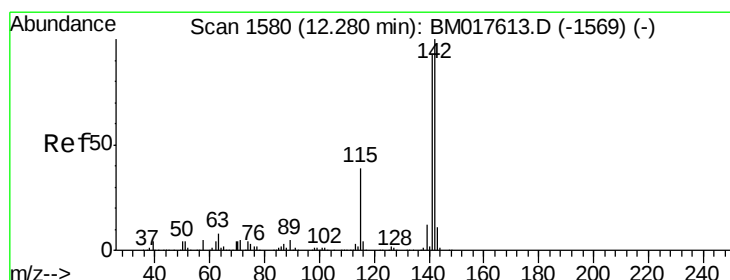
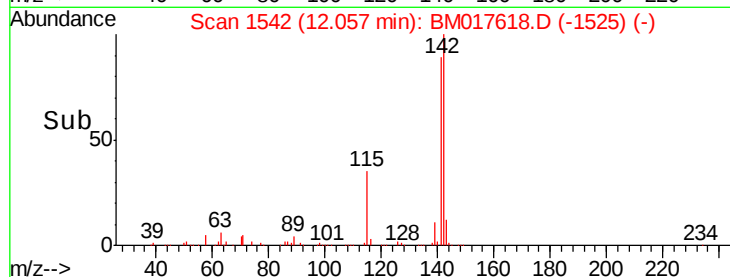
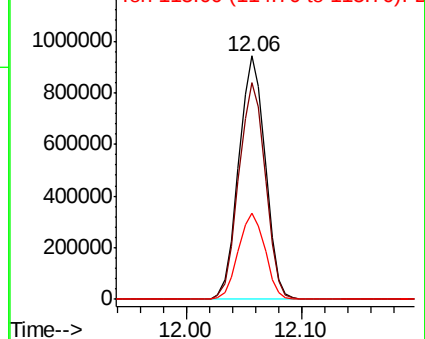


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.663 ng

RT: 12.28 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

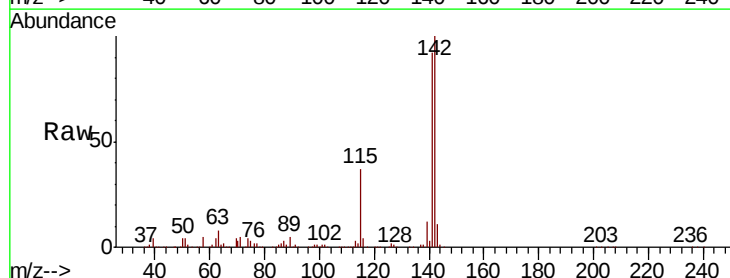
Tgt Ion:142 Resp: 1442541

Ion Ratio Lower Upper

142 100

141 92.3 74.2 111.4

116 4.0 3.1 4.7

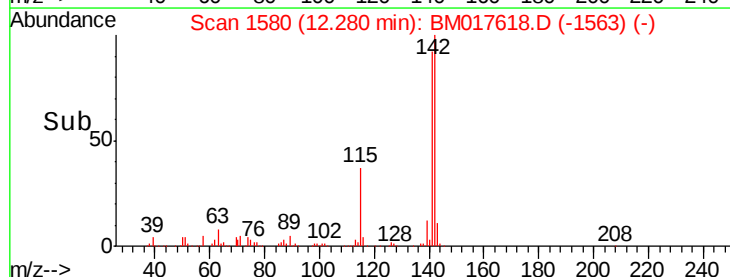
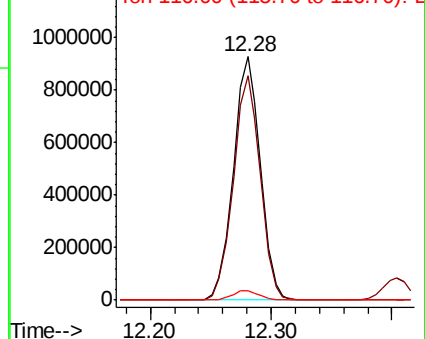


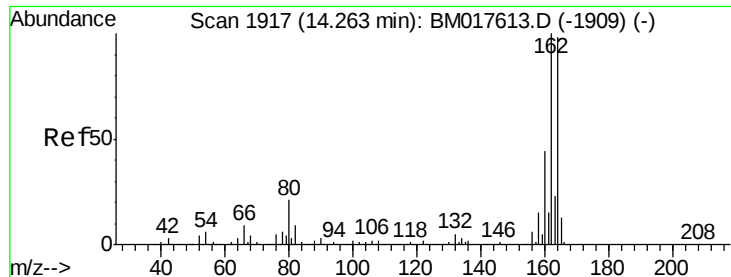
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

ClientSampleId :

PB114669BS

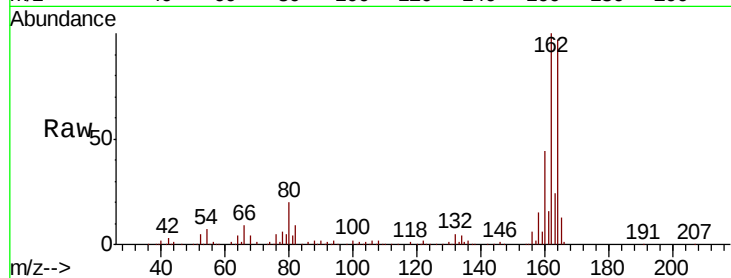
Tgt Ion:164 Resp: 506916

Ion Ratio Lower Upper

164 100

162 103.2 81.4 122.0

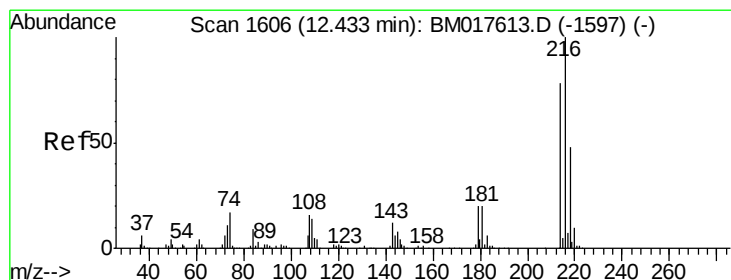
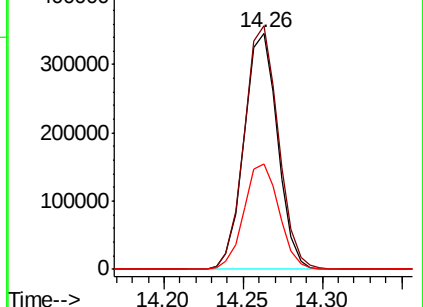
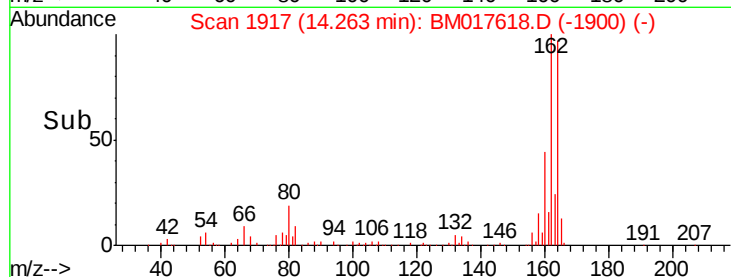
160 44.9 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.031 ng

RT: 12.43 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Tgt Ion:216 Resp: 769193

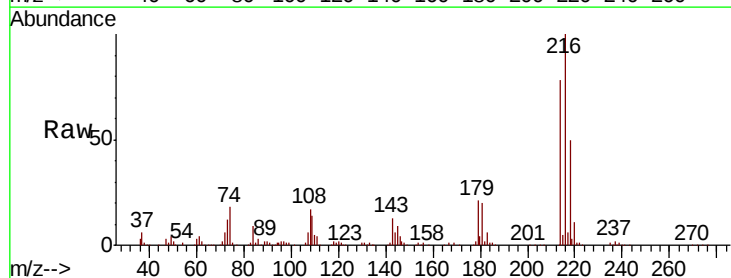
Ion Ratio Lower Upper

216 100

214 79.0 62.5 93.7

179 21.3 16.8 25.2

108 21.4 14.6 22.0

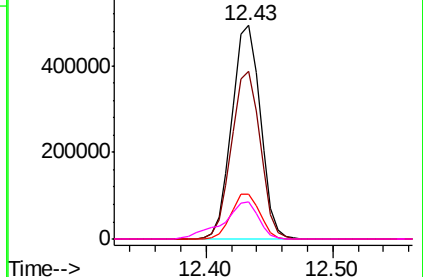
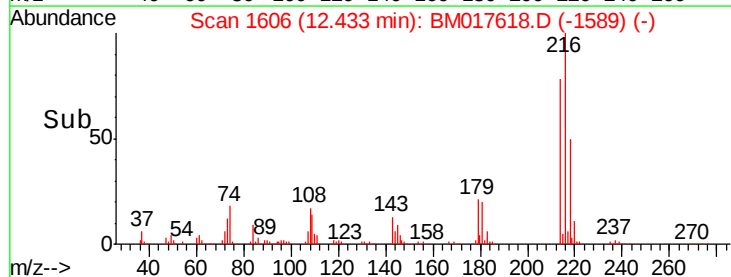


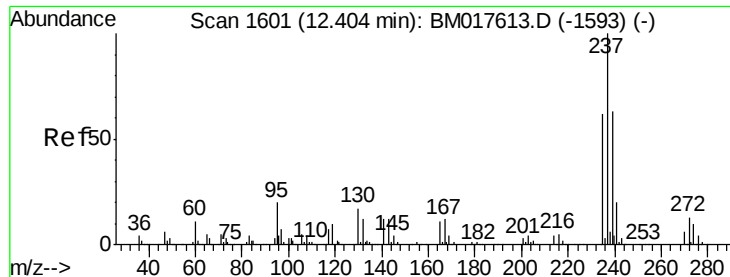
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

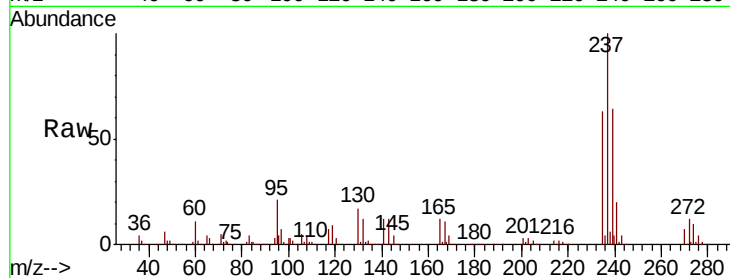




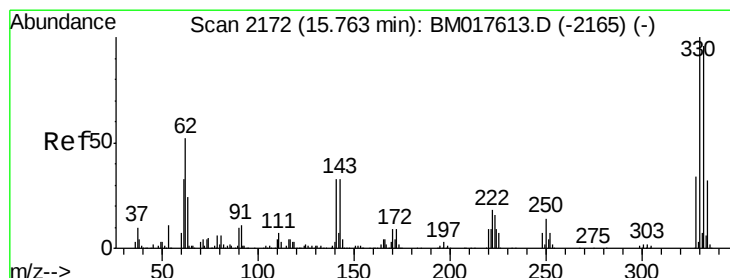
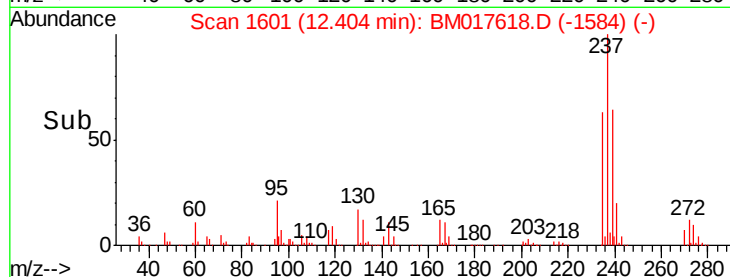
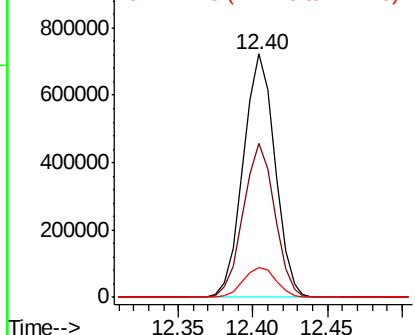
#41
Hexachlorocyclopentadiene
Concen: 115.068 ng
RT: 12.40 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tgt Ion: 237 Resp: 1062850
Ion Ratio Lower Upper
237 100
235 63.4 42.2 82.2
272 12.3 0.0 32.6

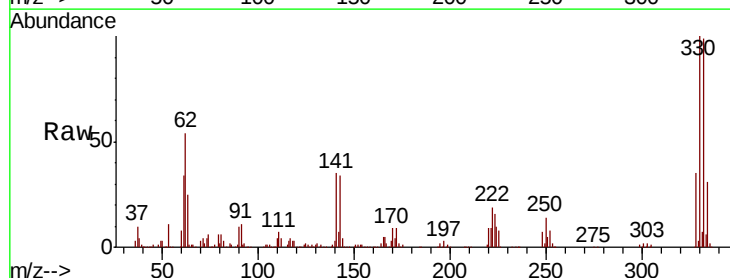


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

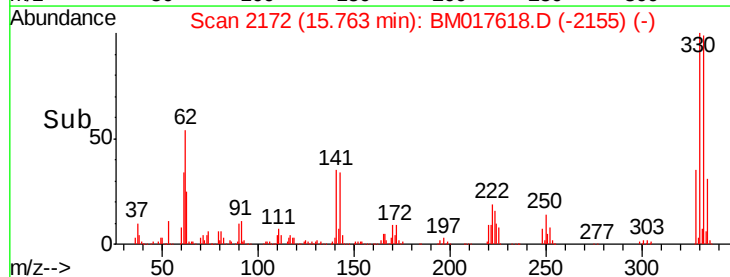
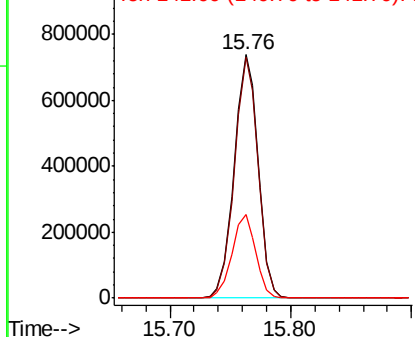


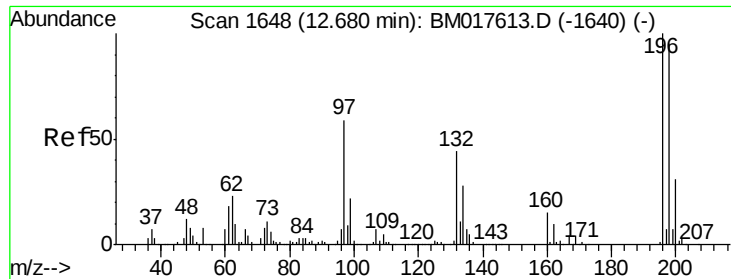
#42
2,4,6-Tribromophenol
Concen: 140.144 ng
RT: 15.76 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Tgt Ion: 330 Resp: 1020763
Ion Ratio Lower Upper
330 100
332 97.5 77.9 116.9
141 34.0 27.5 41.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

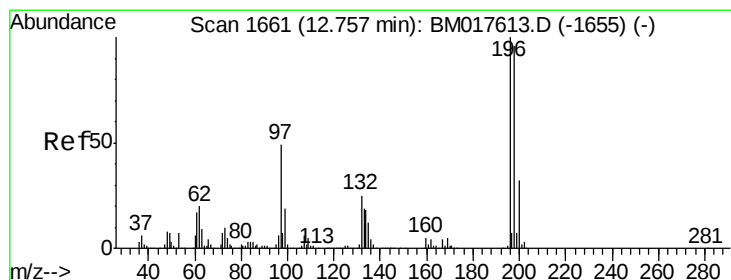
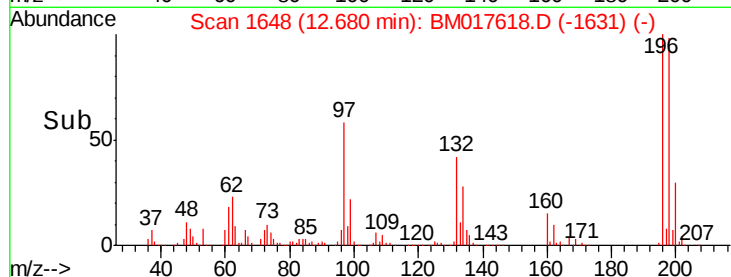
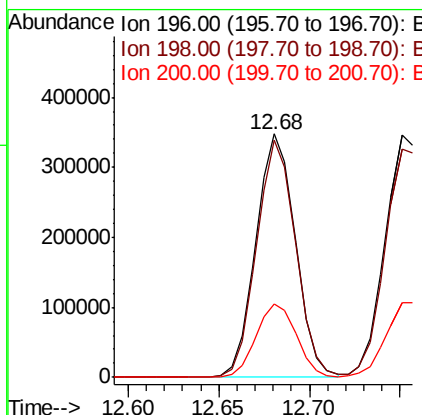
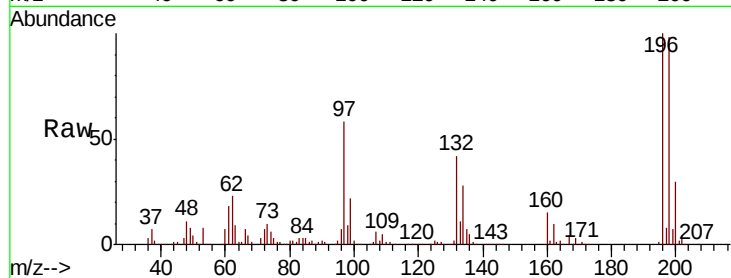




#43
 2,4,6-Trichlorophenol
 Concen: 47.114 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BM017618.D
 Acq: 12 Nov 2018 18:20

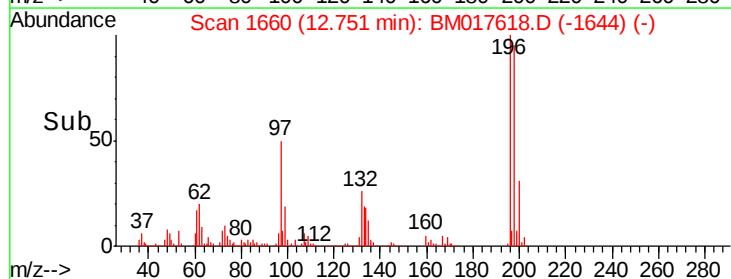
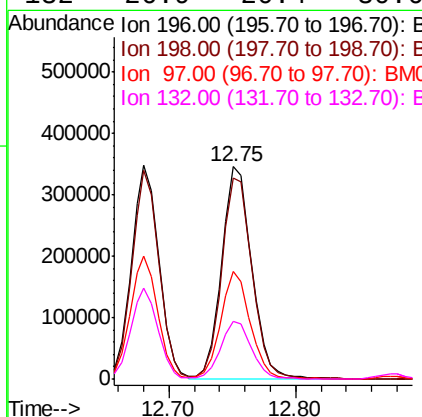
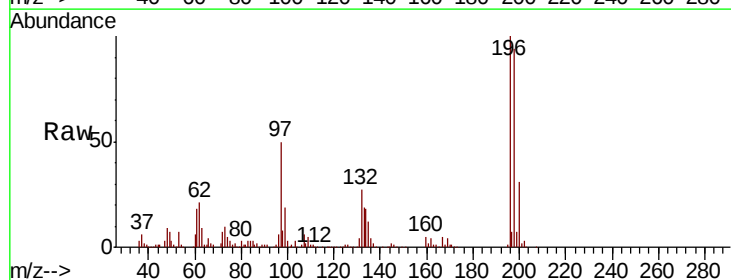
Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

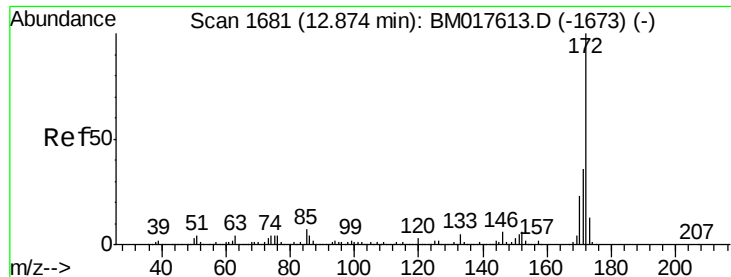
Tgt Ion:196 Resp: 527515
 Ion Ratio Lower Upper
 196 100
 198 97.6 75.6 113.4
 200 30.3 24.8 37.2



#44
 2,4,5-Trichlorophenol
 Concen: 47.775 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM017618.D
 Acq: 12 Nov 2018 18:20

Tgt Ion:196 Resp: 564795
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.8 115.2
 97 50.5 39.0 58.6
 132 26.9 20.4 30.6

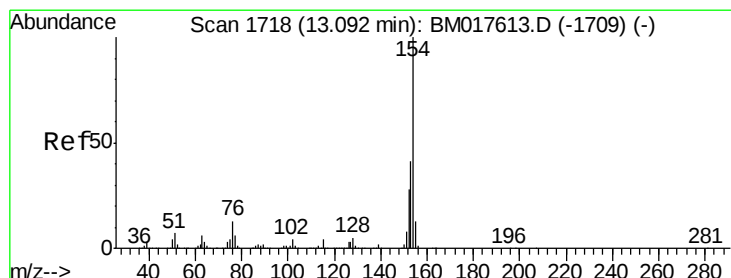
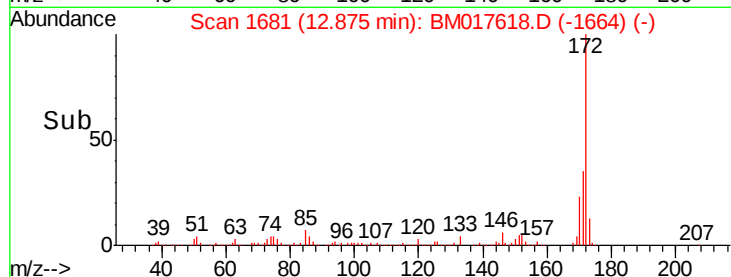
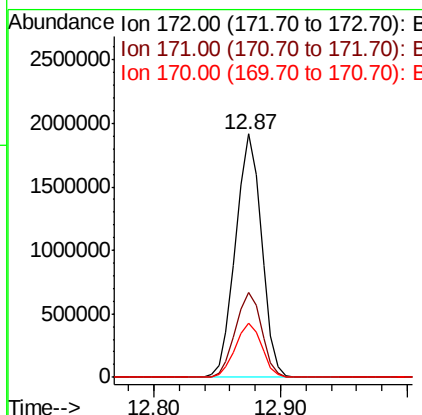
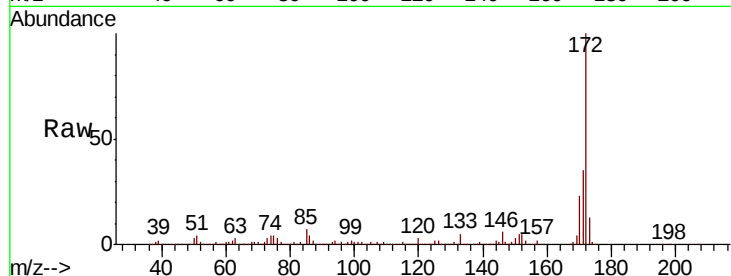




#45
2-Fluorobiphenyl
Concen: 69.626 ng
RT: 12.87 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

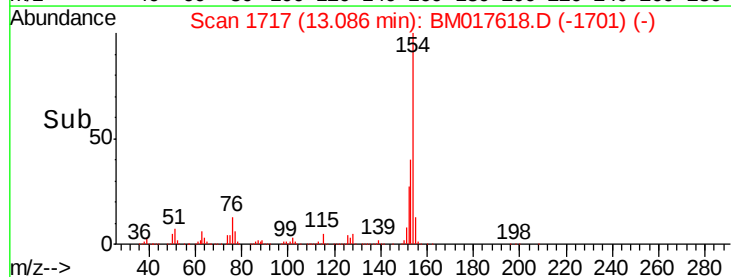
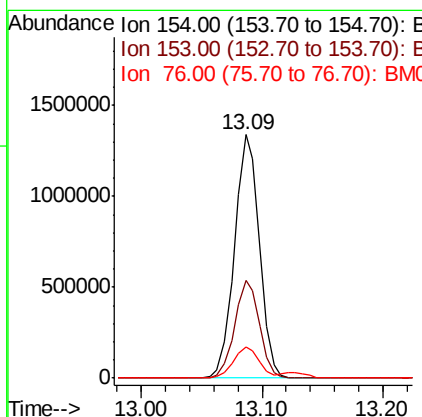
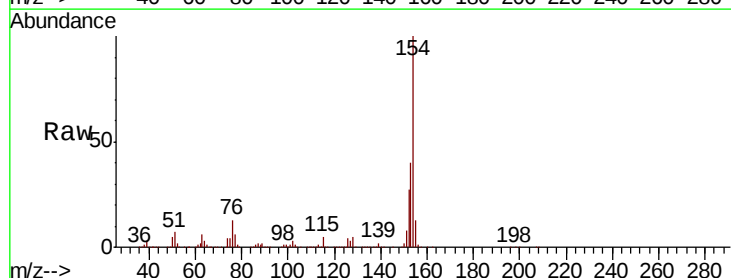
Instrument :
BNA_M
ClientSampleId :
PB114669BS

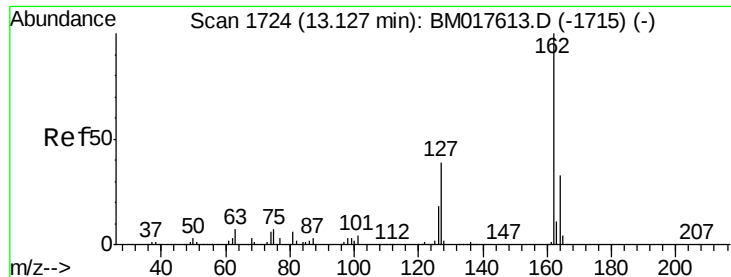
Tgt Ion:172 Resp: 2720538
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 22.5 18.3 27.5



#46
1,1'-Biphenyl
Concen: 42.128 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Tgt Ion:154 Resp: 1916905
Ion Ratio Lower Upper
154 100
153 39.9 20.8 60.8
76 12.6 0.0 32.8

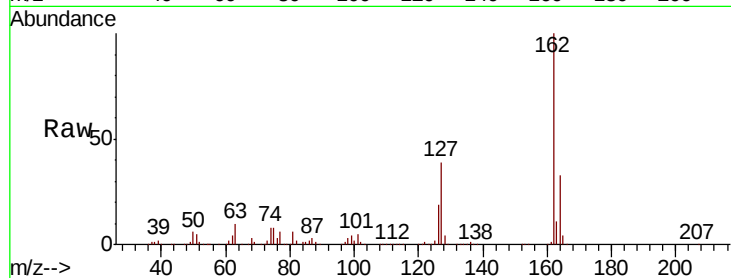




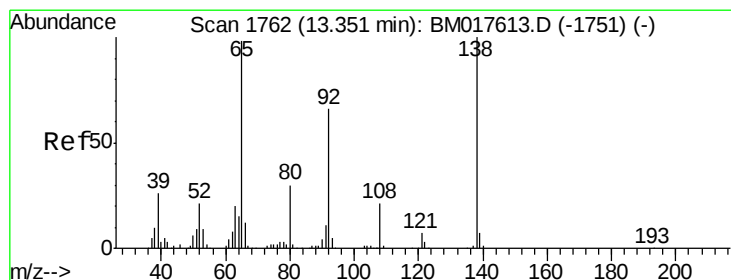
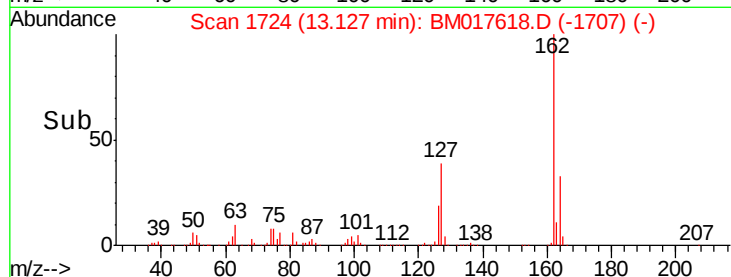
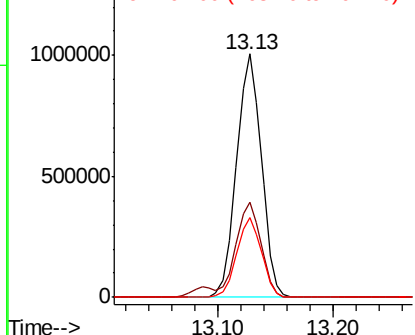
#47
2-Chloronaphthalene
Concen: 44.408 ng
RT: 13.13 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tgt Ion:162 Resp: 1499803
Ion Ratio Lower Upper
162 100
127 39.1 32.6 48.8
164 32.7 26.5 39.7

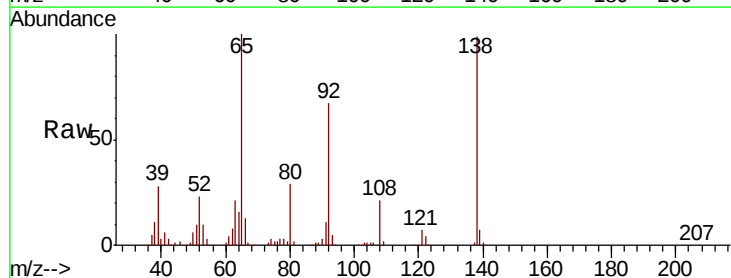


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

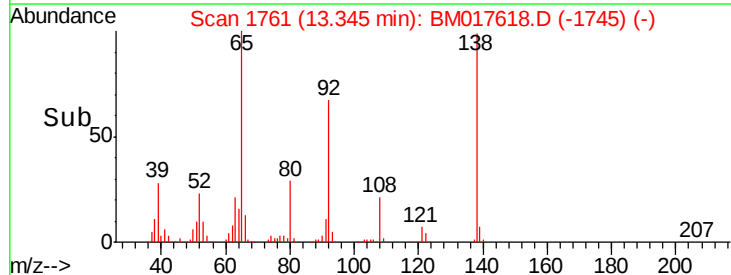
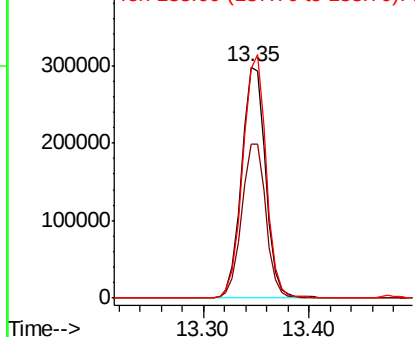


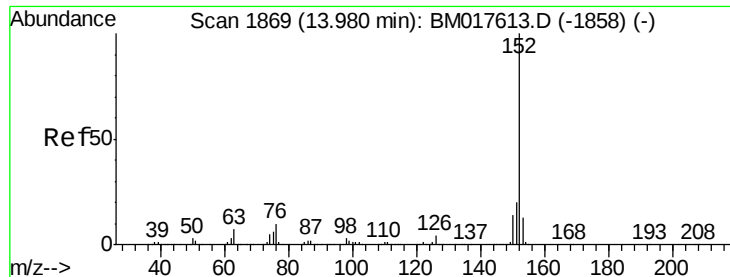
#48
2-Nitroaniline
Concen: 44.927 ng
RT: 13.35 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Tgt Ion: 65 Resp: 469240
Ion Ratio Lower Upper
65 100
92 66.9 53.7 80.5
138 99.2 81.5 122.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.053 ng

RT: 13.98 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

ClientSampleId :

PB114669BS

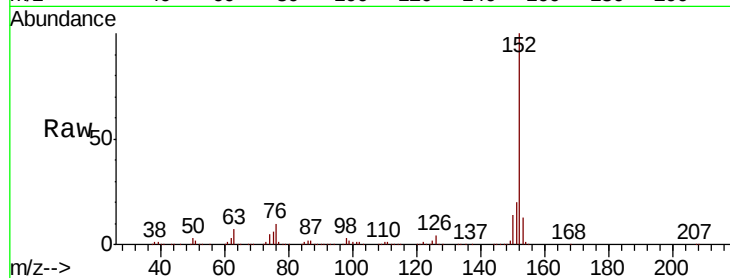
Tgt Ion:152 Resp: 2438343

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

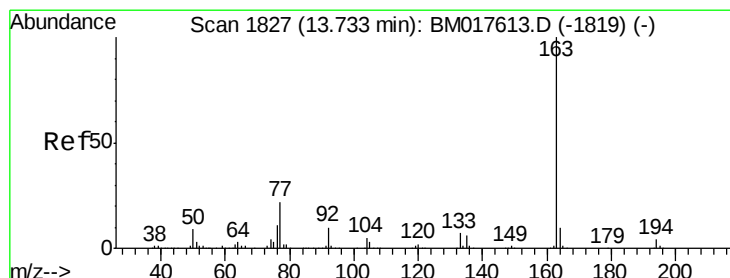
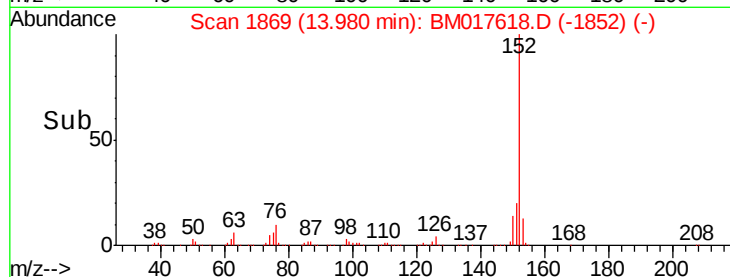
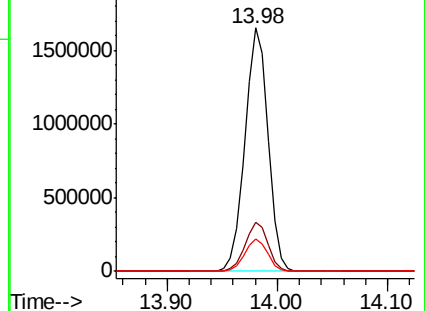
153 13.4 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.832 ng

RT: 13.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

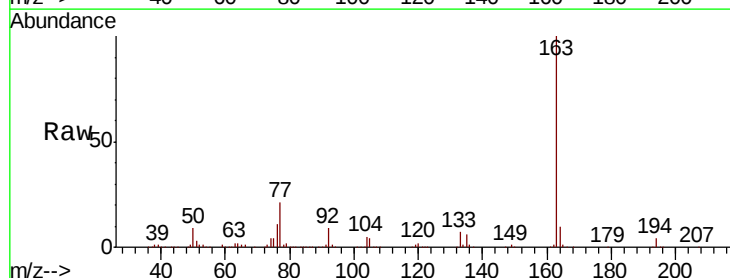
Tgt Ion:163 Resp: 1847711

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

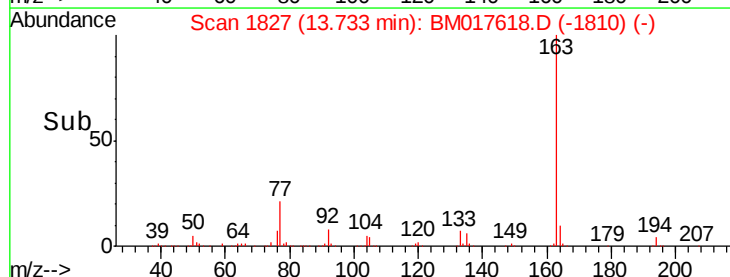
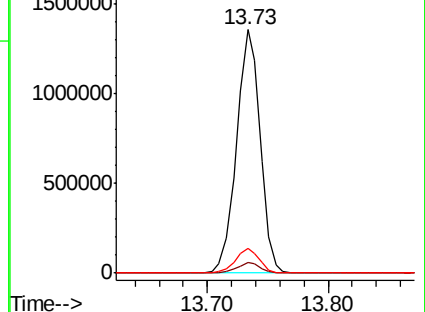
164 10.0 8.2 12.4

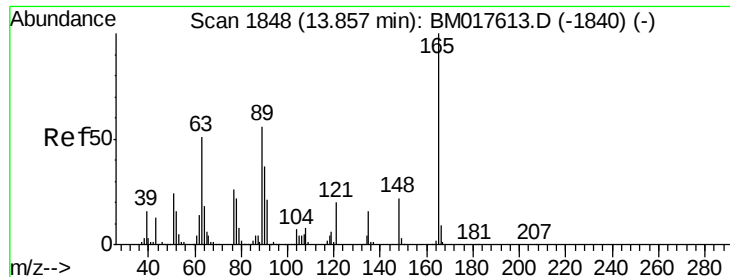


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

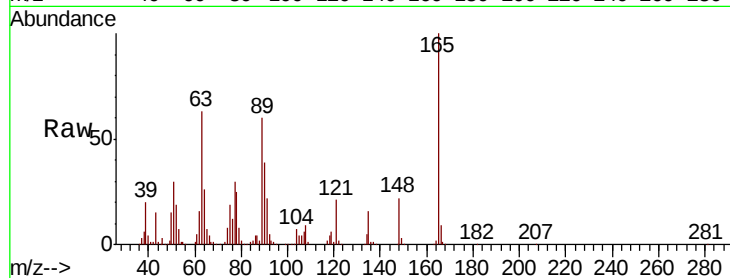




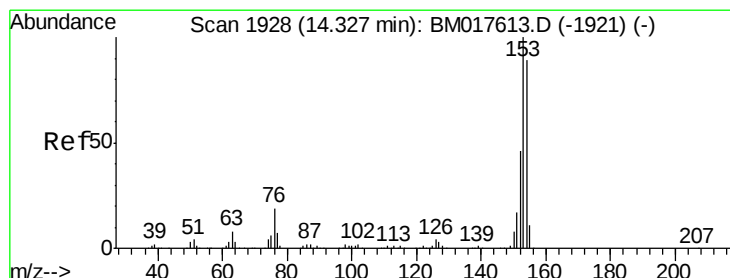
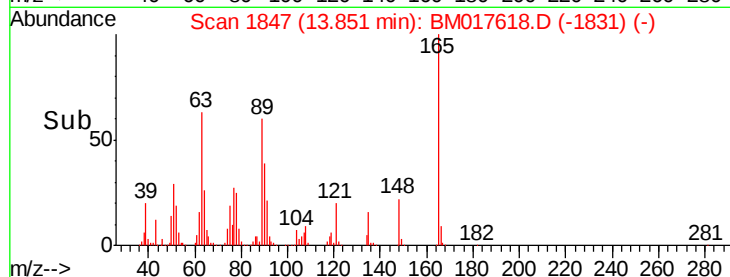
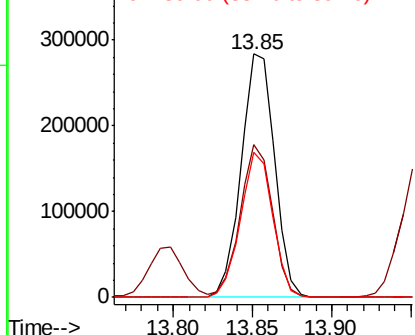
#51
2,6-Dinitrotoluene
Concen: 45.285 ng
RT: 13.85 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tgt Ion:165 Resp: 415599
Ion Ratio Lower Upper
165 100
63 62.9 47.3 70.9
89 59.8 44.8 67.2

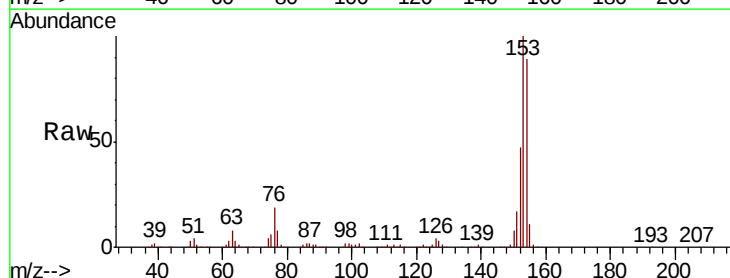


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

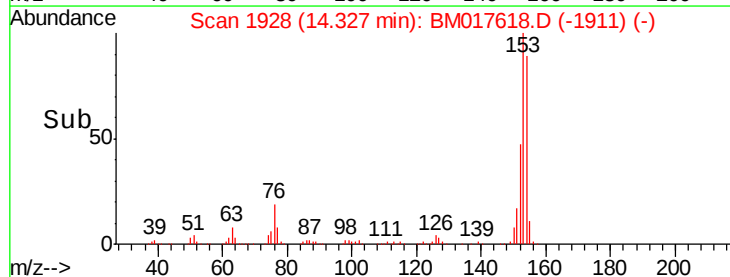
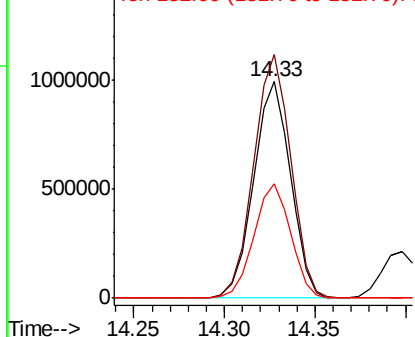


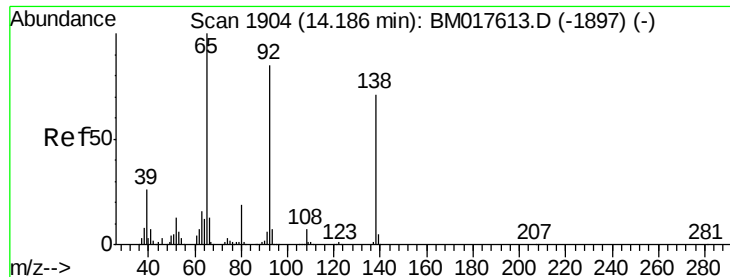
#52
Acenaphthene
Concen: 45.141 ng
RT: 14.33 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Tgt Ion:154 Resp: 1405733
Ion Ratio Lower Upper
154 100
153 112.4 90.2 135.4
152 52.9 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

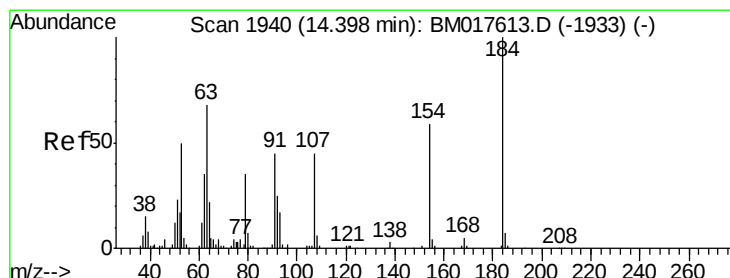
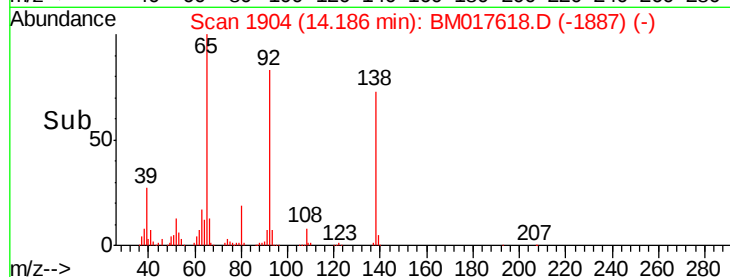
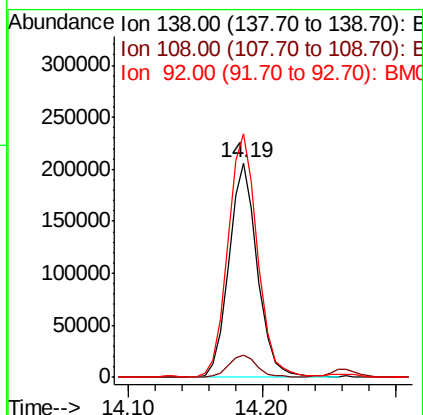
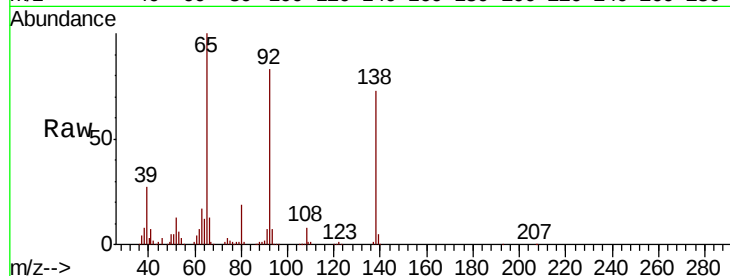




#53
3-Nitroaniline
Concen: 30.765 ng
RT: 14.19 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

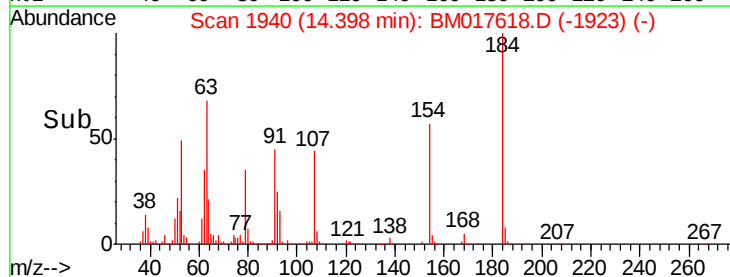
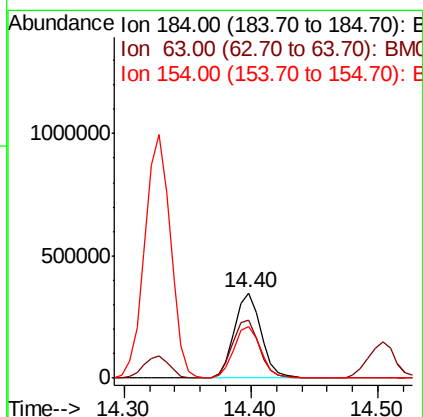
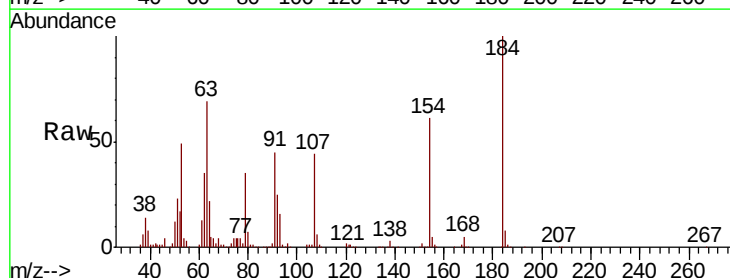
Instrument :
BNA_M
ClientSampleId :
PB114669BS

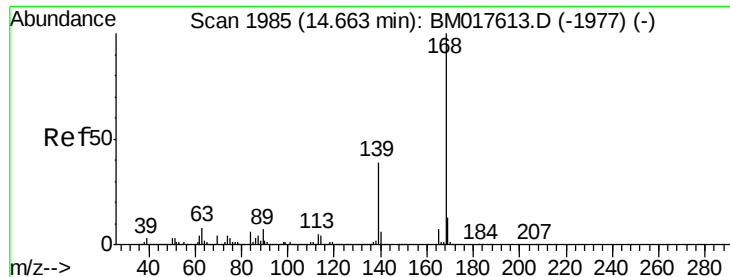
Tgt Ion:138 Resp: 307393
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.2
92 113.6 95.4 143.2



#54
2,4-Dinitrophenol
Concen: 89.990 ng
RT: 14.40 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Tgt Ion:184 Resp: 509680
Ion Ratio Lower Upper
184 100
63 68.6 55.1 82.7
154 60.7 51.3 76.9





#55

Dibenzofuran

Concen: 44.827 ng

RT: 14.66 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

ClientSampleId :

PB114669BS

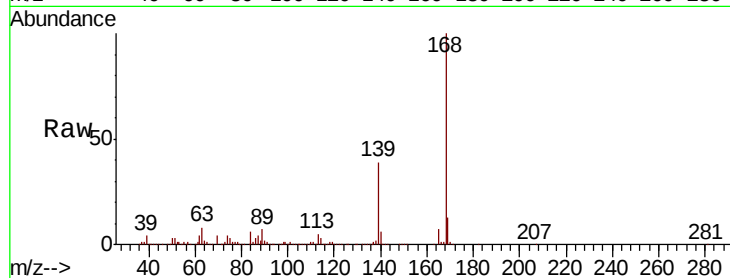
Tgt Ion:168 Resp: 2281283

Ion Ratio Lower Upper

168 100

139 38.5 31.0 46.6

169 13.5 10.6 16.0

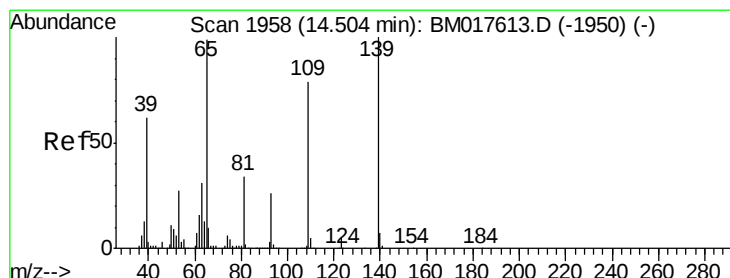
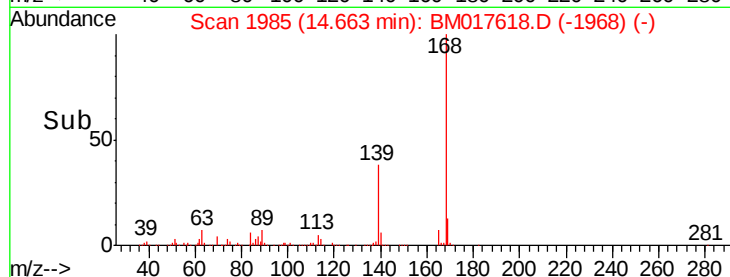
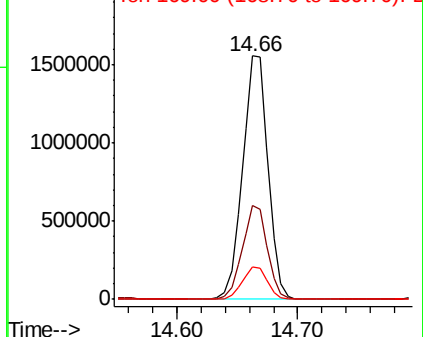


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 84.123 ng

RT: 14.50 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

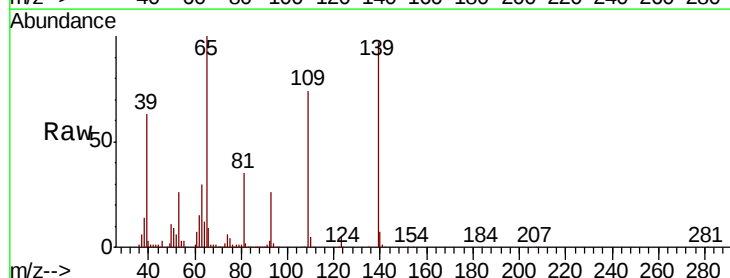
Tgt Ion:139 Resp: 708813

Ion Ratio Lower Upper

139 100

109 76.3 58.6 98.6

65 103.5 79.5 119.5

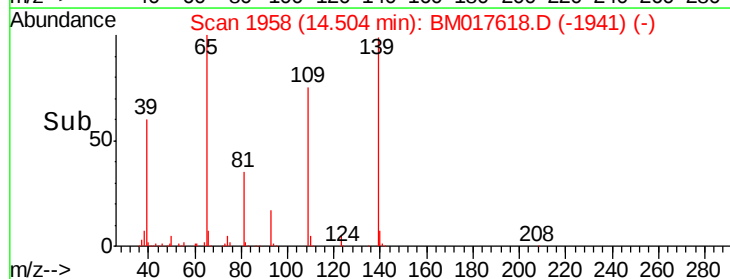
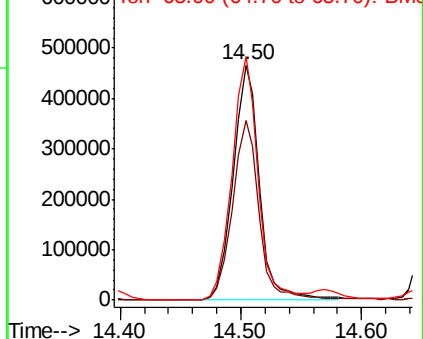


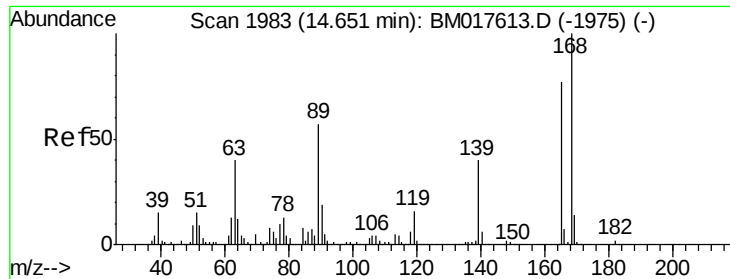
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

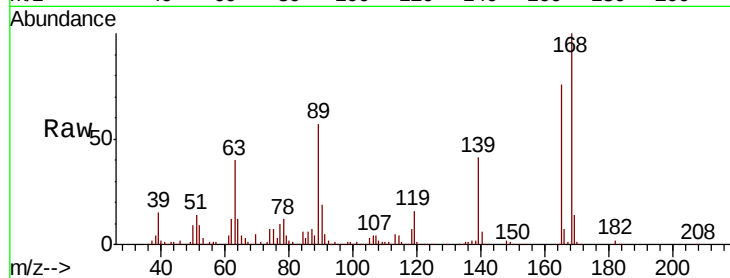




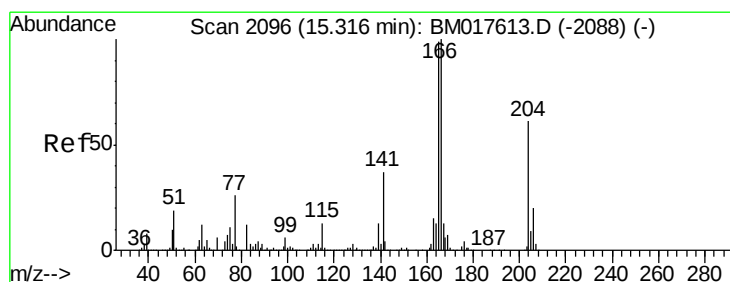
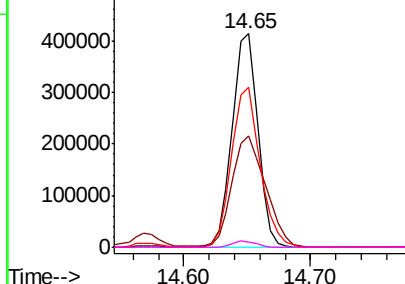
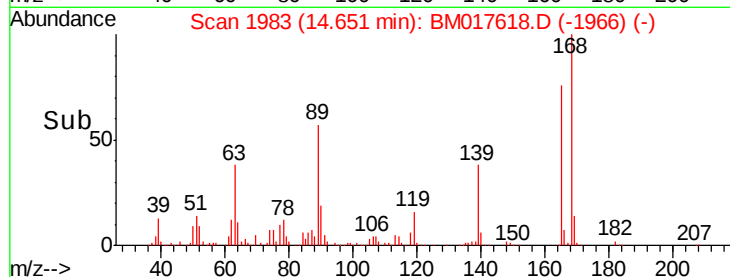
#57
2,4-Dinitrotoluene
Concen: 46.655 ng
RT: 14.65 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tgt Ion:165 Resp: 577170
Ion Ratio Lower Upper
165 100
63 51.9 41.8 62.8
89 74.7 59.5 89.3
182 2.7 2.3 3.5

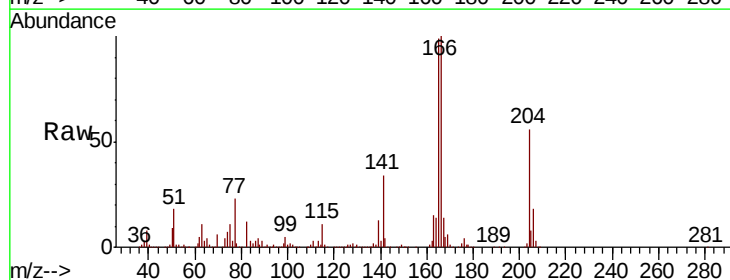


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

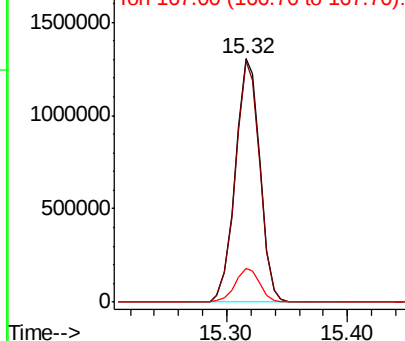
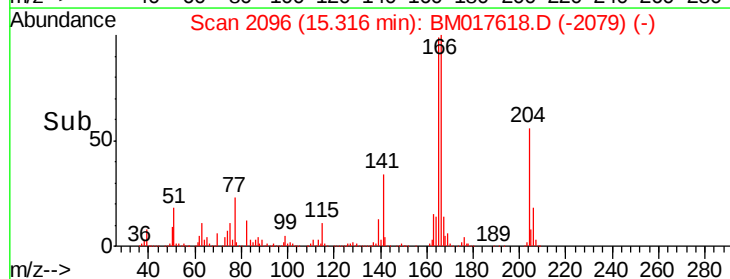


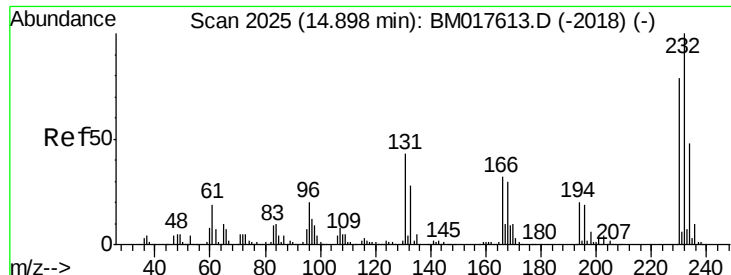
#58
Fluorene
Concen: 47.500 ng
RT: 15.32 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Tgt Ion:166 Resp: 1850602
Ion Ratio Lower Upper
166 100
165 98.9 79.0 118.6
167 13.9 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

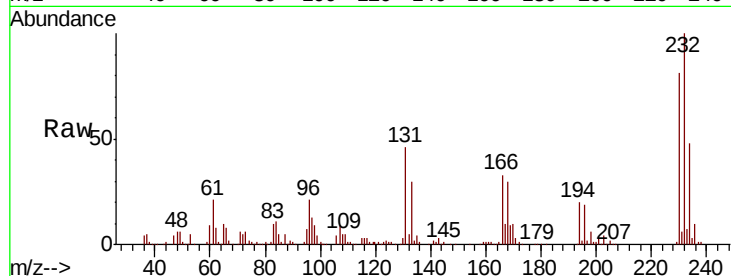




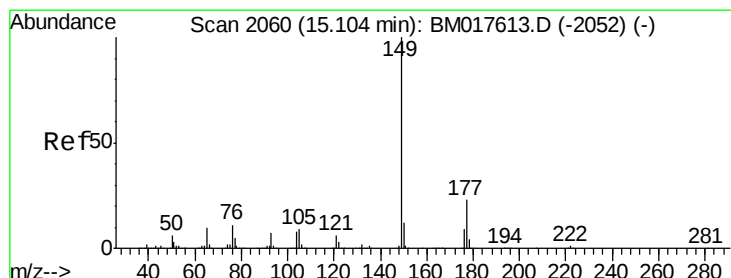
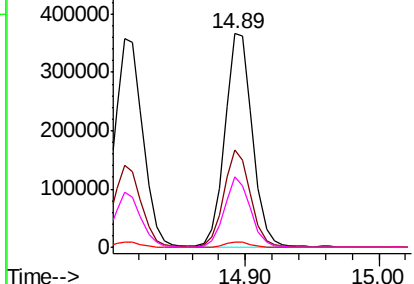
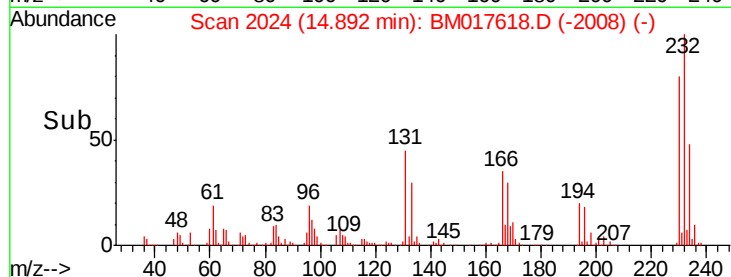
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.422 ng
 RT: 14.89 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BM017618.D
 Acq: 12 Nov 2018 18:20

Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

Tgt Ion: 232 Resp: 526518
 Ion Ratio Lower Upper
 232 100
 131 44.0 34.8 52.2
 130 2.3 1.9 2.9
 166 31.2 25.3 37.9

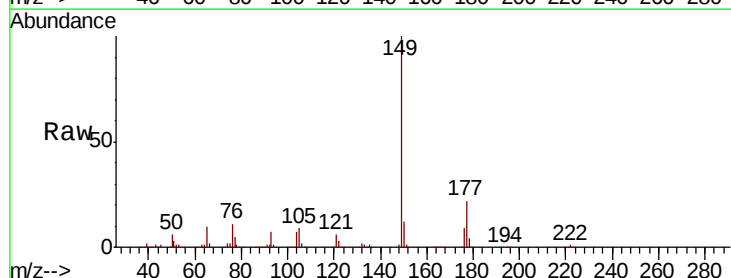


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

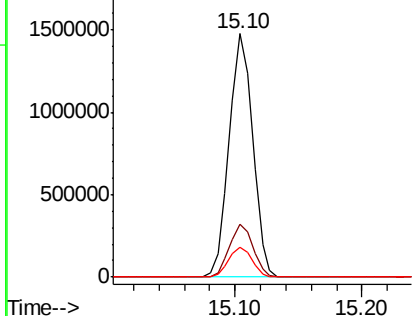
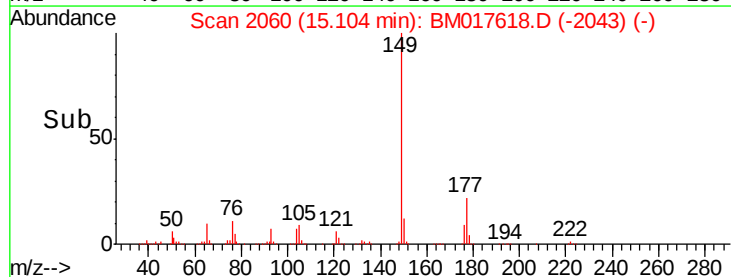


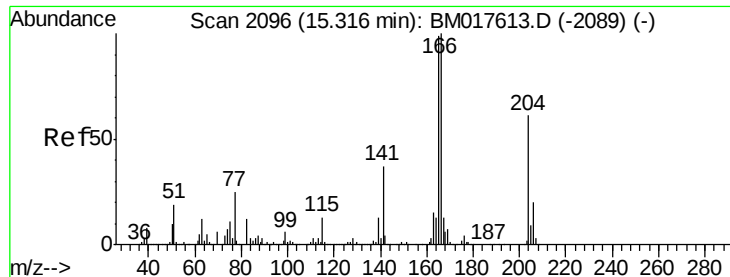
#60
 Diethylphthalate
 Concen: 42.607 ng
 RT: 15.10 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BM017618.D
 Acq: 12 Nov 2018 18:20

Tgt Ion: 149 Resp: 1897322
 Ion Ratio Lower Upper
 149 100
 177 21.6 18.1 27.1
 150 12.1 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

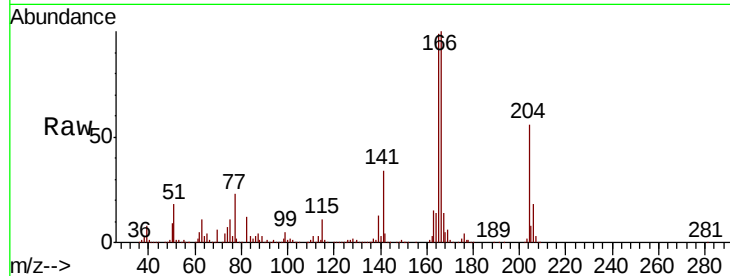




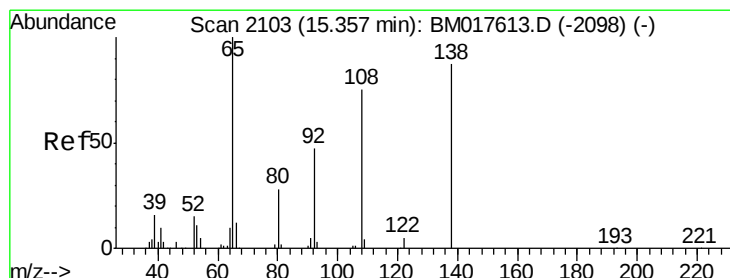
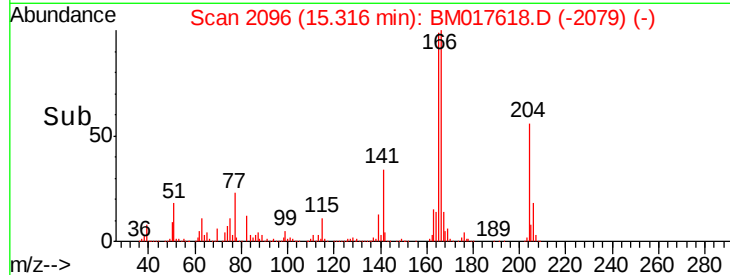
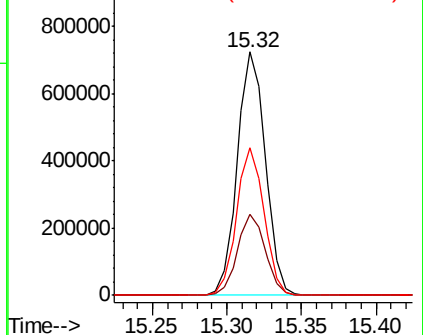
#61
4-Chlorophenyl-phenylether
Concen: 42.740 ng
RT: 15.32 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tgt Ion:204 Resp: 946047
Ion Ratio Lower Upper
204 100
206 33.2 25.9 38.9
141 60.7 47.9 71.9

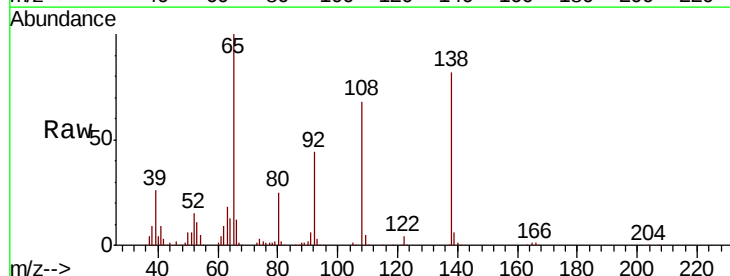


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

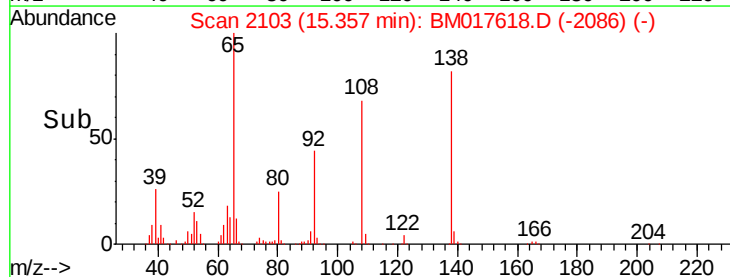
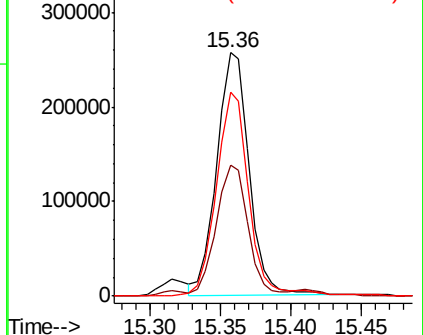


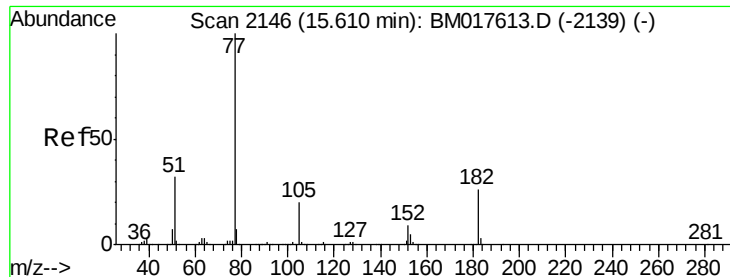
#62
4-Nitroaniline
Concen: 43.144 ng
RT: 15.36 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Tgt Ion:138 Resp: 406277
Ion Ratio Lower Upper
138 100
92 54.0 33.4 73.4
108 83.7 64.3 104.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.512 ng

RT: 15.61 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

ClientSampleId :

PB114669BS

Tgt Ion: 77 Resp: 1832399

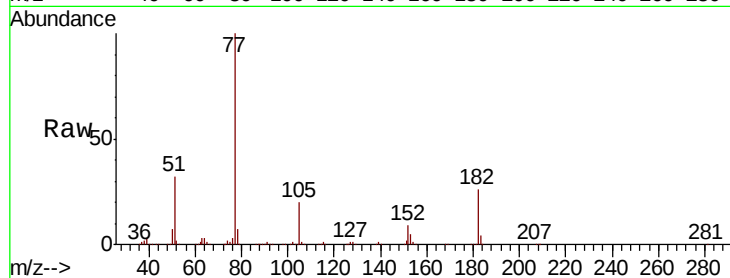
Ion Ratio Lower Upper

77 100

182 25.8 5.8 45.8

105 19.9 0.0 40.0

51 32.1 12.5 52.5

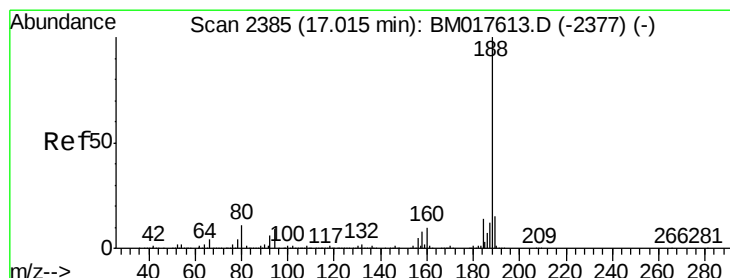
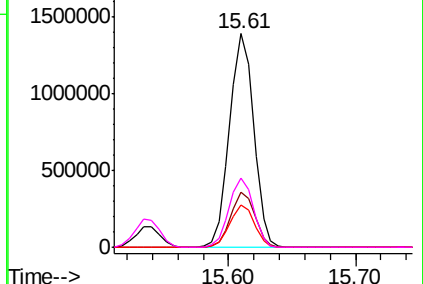
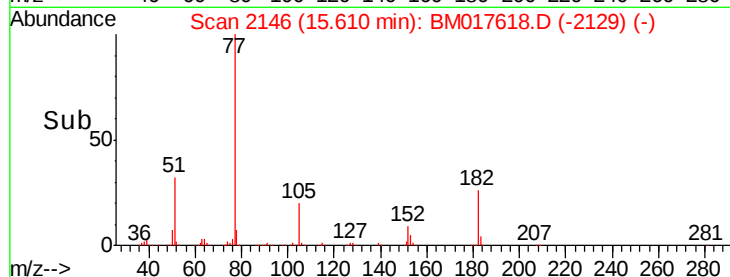


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.02 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

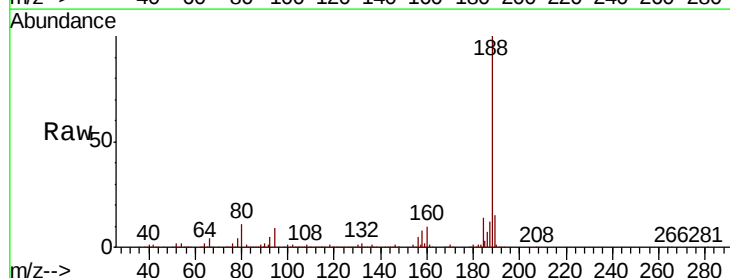
Tgt Ion: 188 Resp: 1136894

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

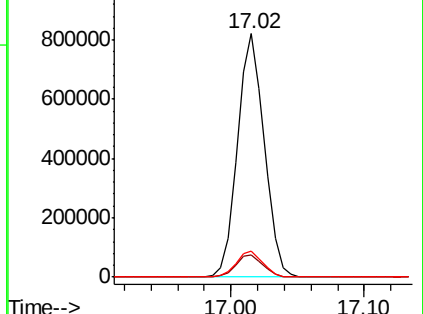
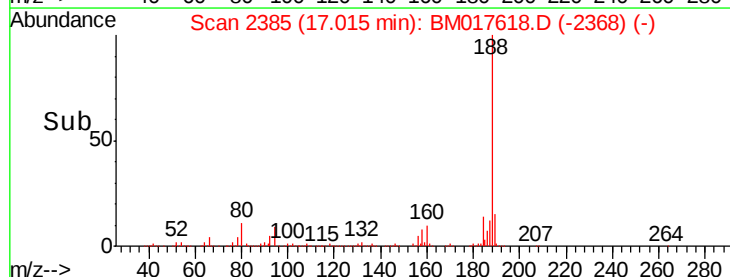
80 10.6 8.6 13.0

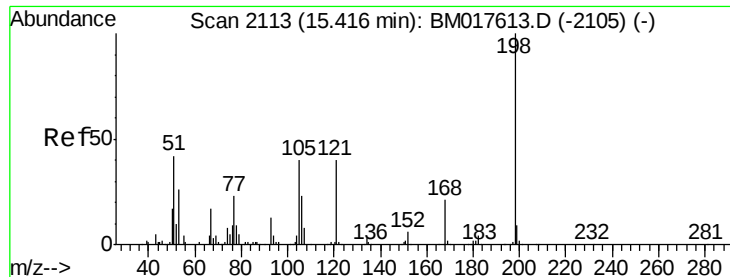


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

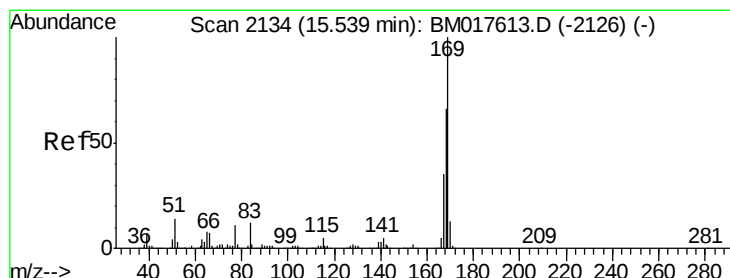
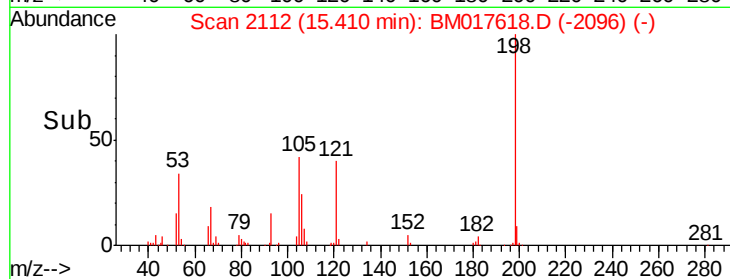
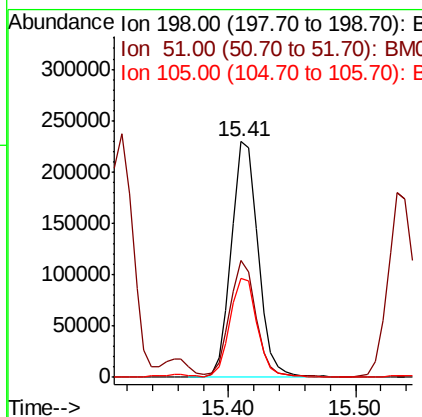
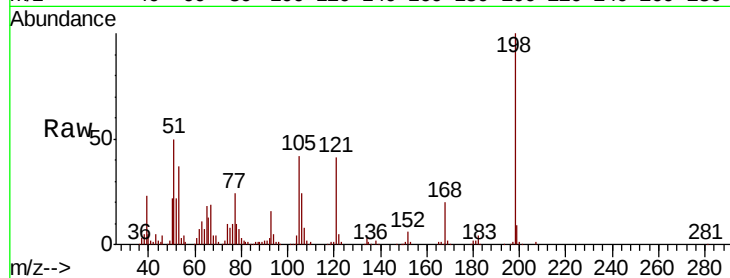




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.468 ng
 RT: 15.41 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BM017618.D
 Acq: 12 Nov 2018 18:20

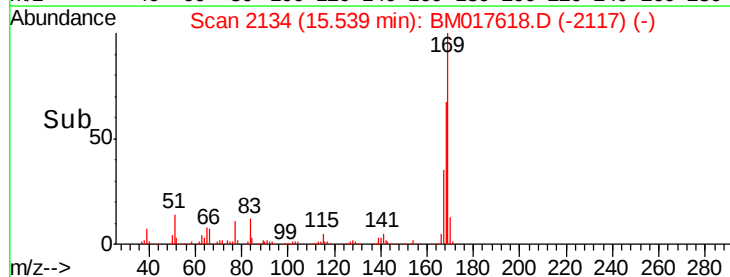
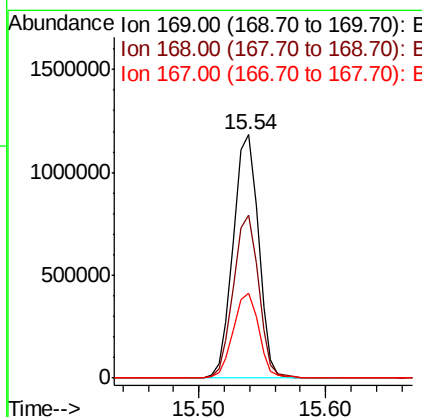
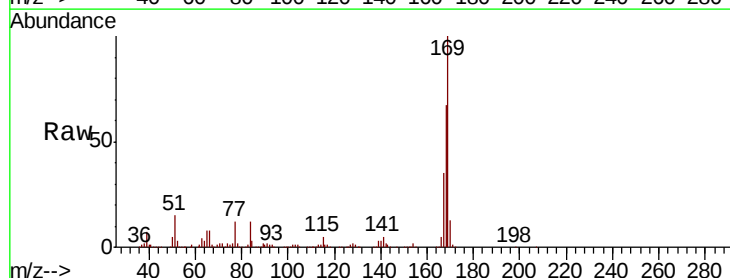
Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

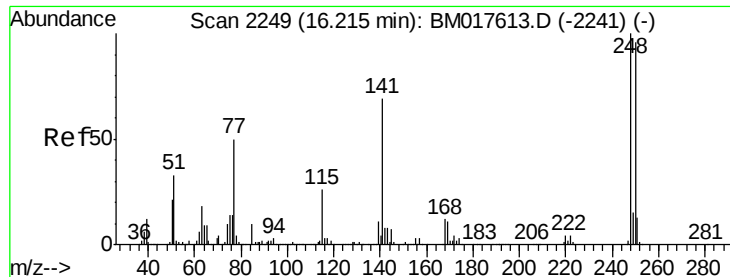
Tgt Ion:198 Resp: 334472
 Ion Ratio Lower Upper
 198 100
 51 49.6 25.9 65.9
 105 42.2 20.6 60.6



#66
 n-Nitrosodiphenylamine
 Concen: 44.566 ng
 RT: 15.54 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BM017618.D
 Acq: 12 Nov 2018 18:20

Tgt Ion:169 Resp: 1628987
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.0 79.6
 167 34.7 28.0 42.0

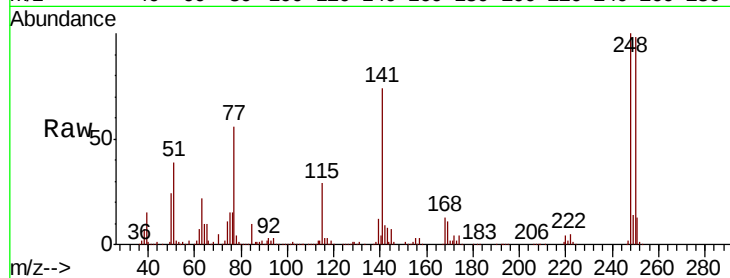




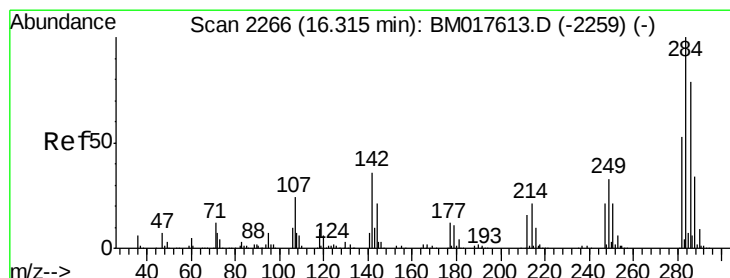
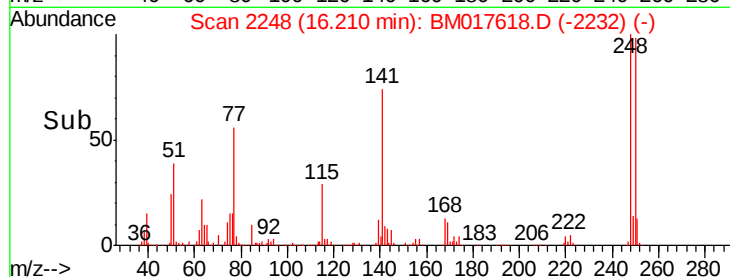
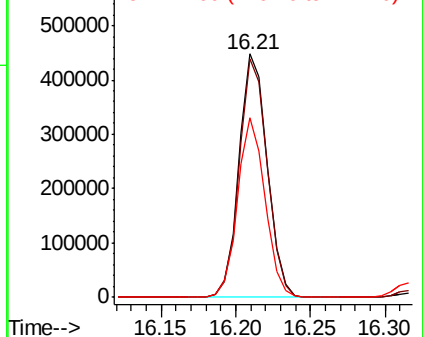
#67
 4-Bromophenyl-phenylether
 Concen: 43.640 ng
 RT: 16.21 min Scan# 2248
 Delta R.T. -0.01 min
 Lab File: BM017618.D
 Acq: 12 Nov 2018 18:20

Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

Tgt Ion:248 Resp: 586787
 Ion Ratio Lower Upper
 248 100
 250 98.1 76.5 114.7
 141 73.7 54.9 82.3

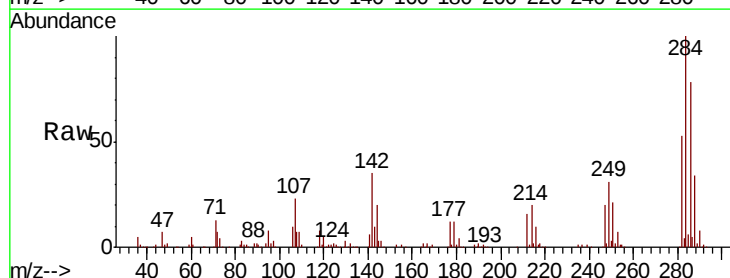


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

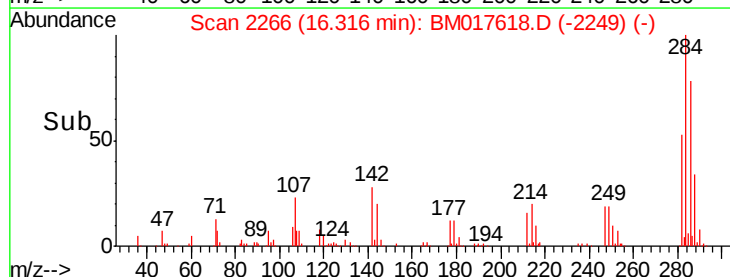
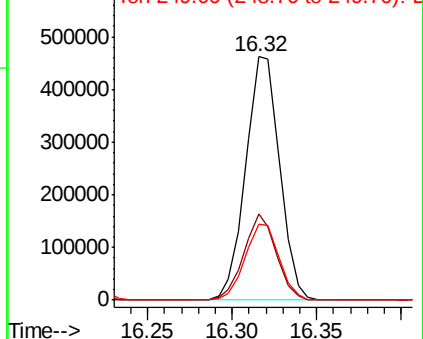


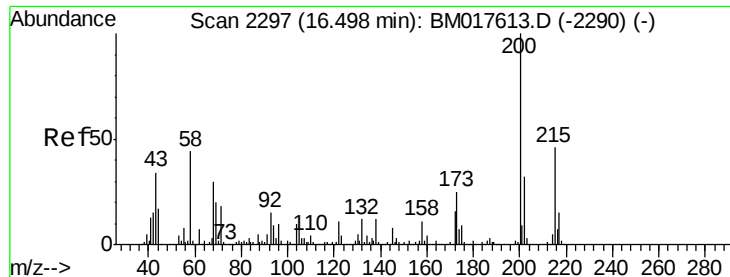
#68
 Hexachlorobenzene
 Concen: 42.873 ng
 RT: 16.32 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BM017618.D
 Acq: 12 Nov 2018 18:20

Tgt Ion:284 Resp: 649869
 Ion Ratio Lower Upper
 284 100
 142 35.4 28.4 42.6
 249 31.4 26.4 39.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.473 ng

RT: 16.50 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

ClientSampleId :

PB114669BS

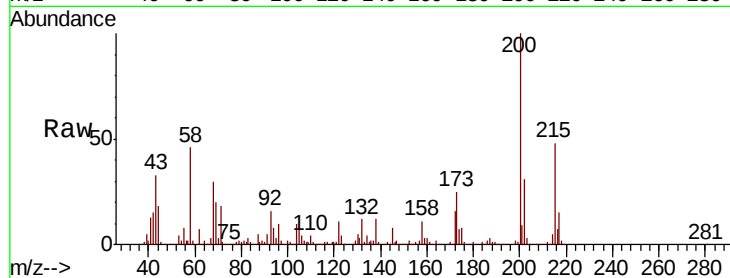
Tgt Ion:200 Resp: 584451

Ion Ratio Lower Upper

200 100

173 25.4 5.1 45.1

215 47.8 25.8 65.8

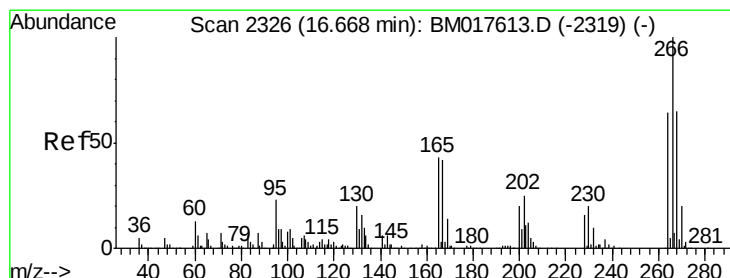
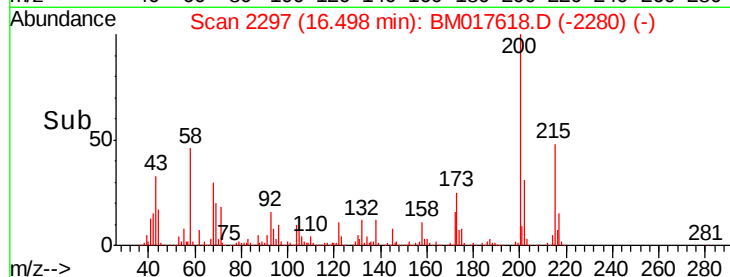
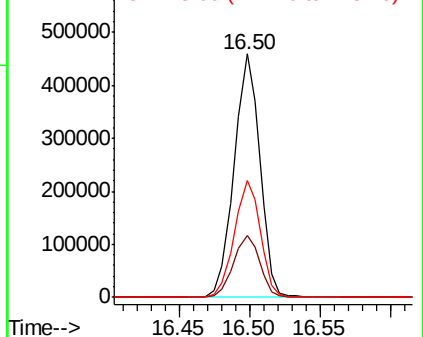


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 76.761 ng

RT: 16.67 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

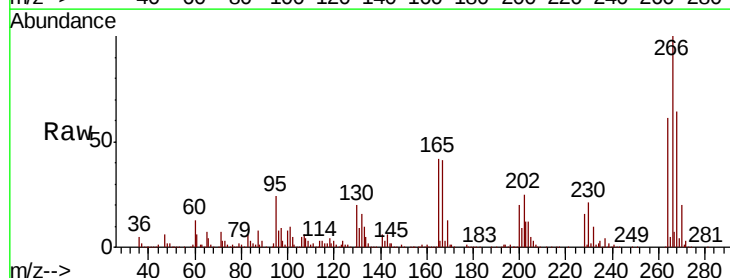
Tgt Ion:266 Resp: 815260

Ion Ratio Lower Upper

266 100

268 63.9 51.7 77.5

264 61.3 51.3 76.9

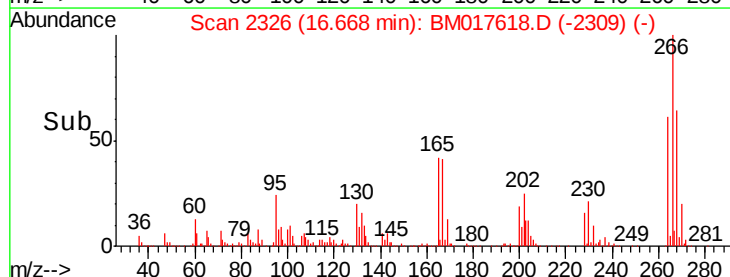
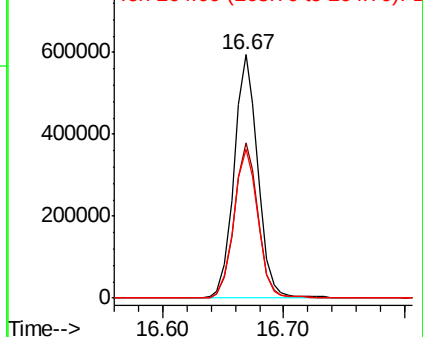


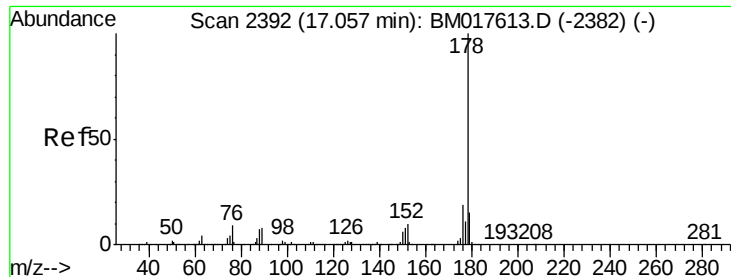
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

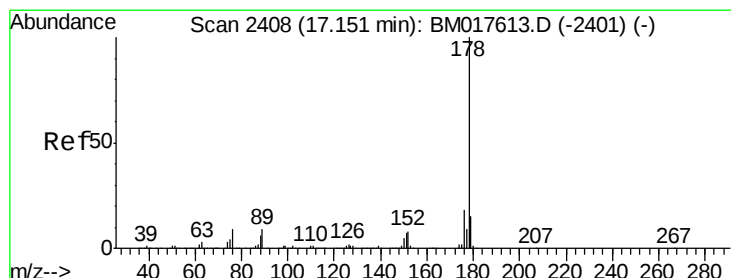
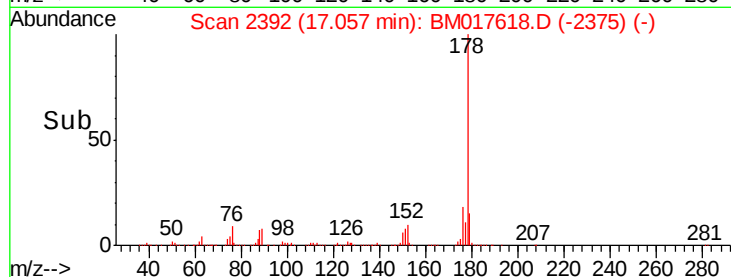
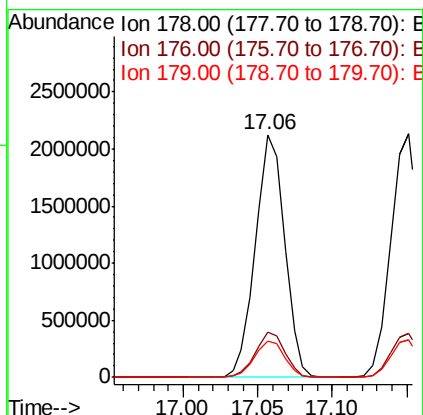
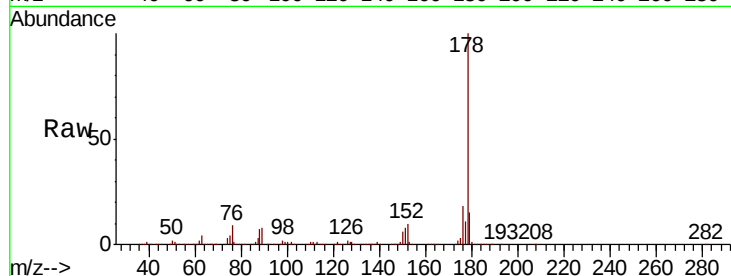




#71
Phenanthrene
Concen: 46.833 ng
RT: 17.06 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

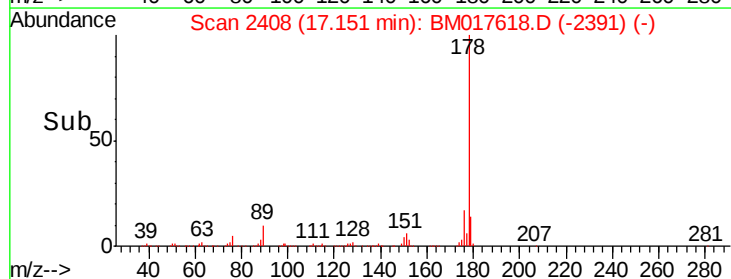
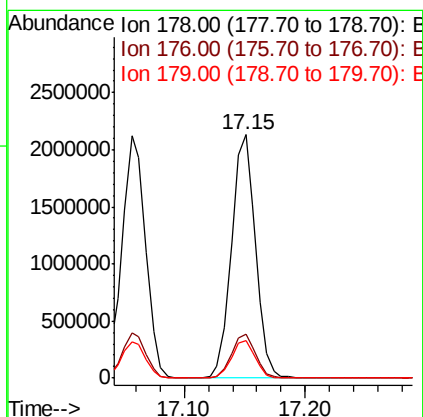
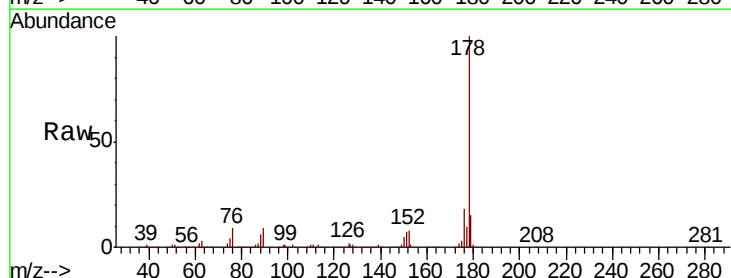
Instrument :
BNA_M
ClientSampleId :
PB114669BS

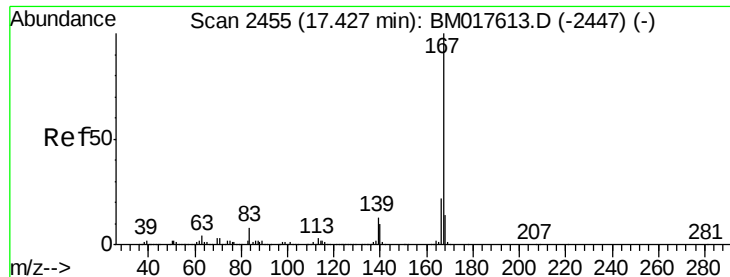
Tgt Ion:178 Resp: 2889126
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.2 12.4 18.6



#72
Anthracene
Concen: 48.960 ng
RT: 17.15 min Scan# 2408
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Tgt Ion:178 Resp: 2939051
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.3 12.3 18.5

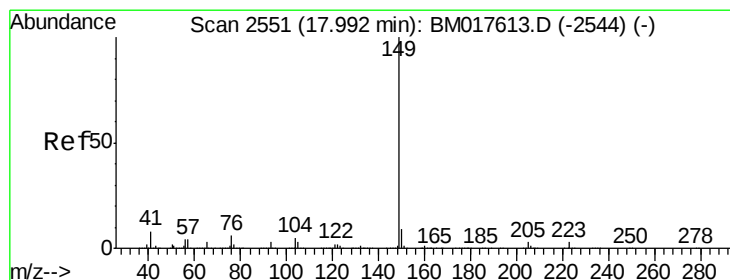
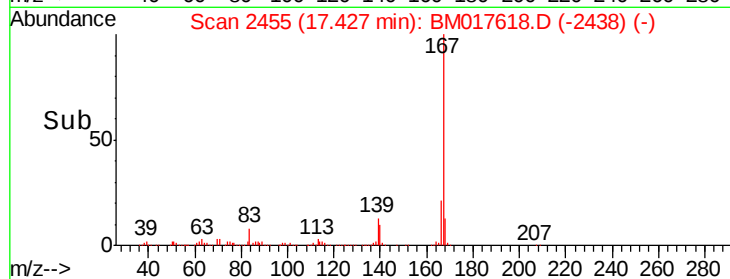
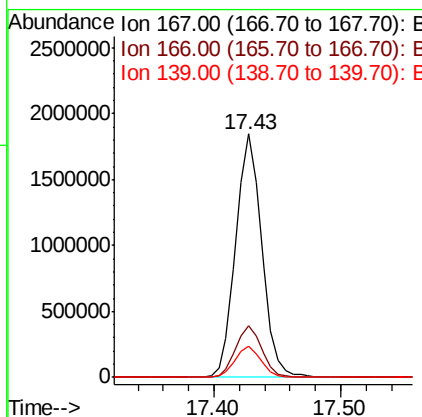
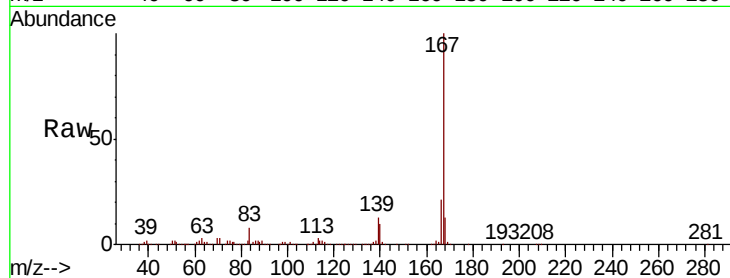




#73
 Carbazole
 Concen: 43.325 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: BM017618.D
 Acq: 12 Nov 2018 18:20

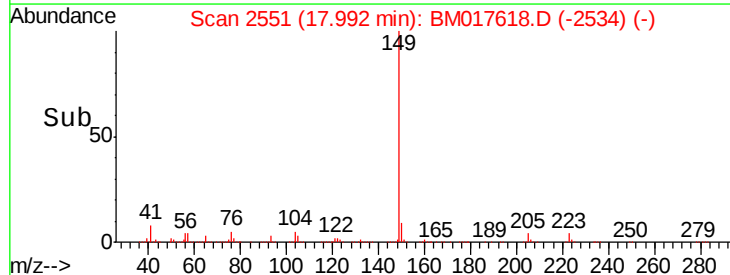
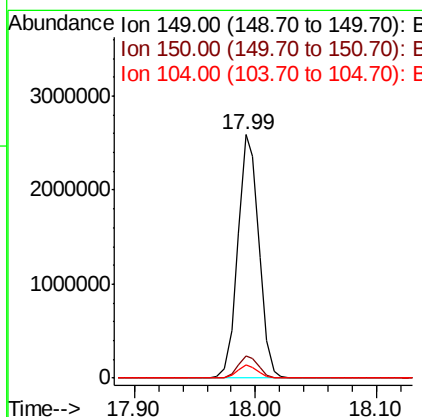
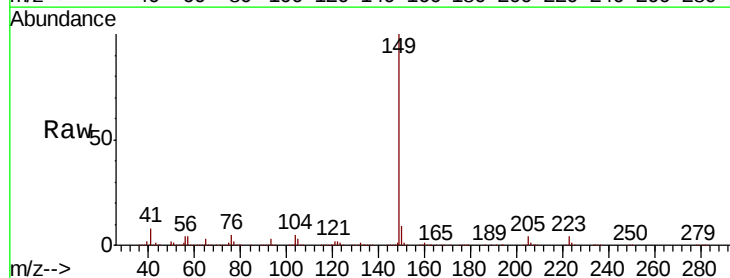
Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

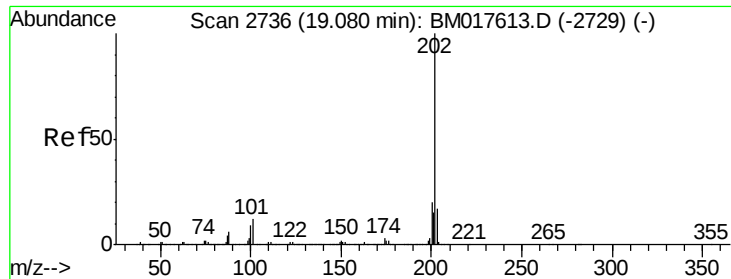
Tgt Ion:167 Resp: 2628097
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.6 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 46.556 ng
 RT: 17.99 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: BM017618.D
 Acq: 12 Nov 2018 18:20

Tgt Ion:149 Resp: 3143754
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.2 4.3 6.5





#75

Fluoranthene

Concen: 47.000 ng

RT: 19.08 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

ClientSampleId :

PB114669BS

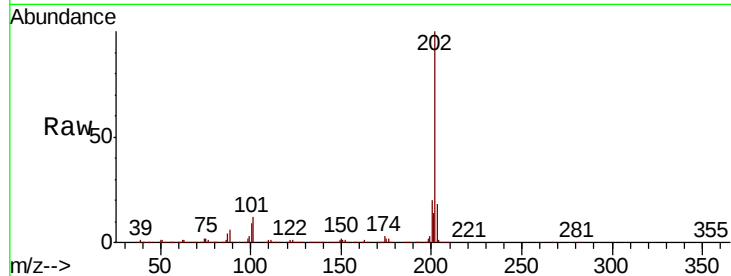
Tgt Ion:202 Resp: 3280596

Ion Ratio Lower Upper

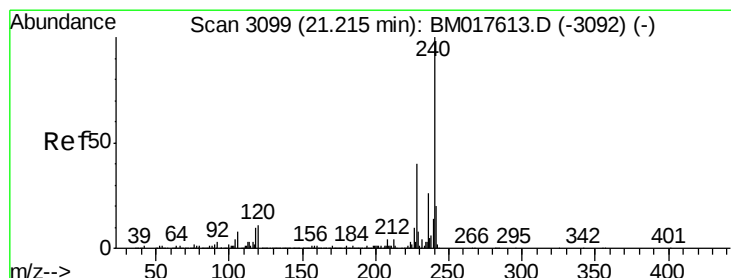
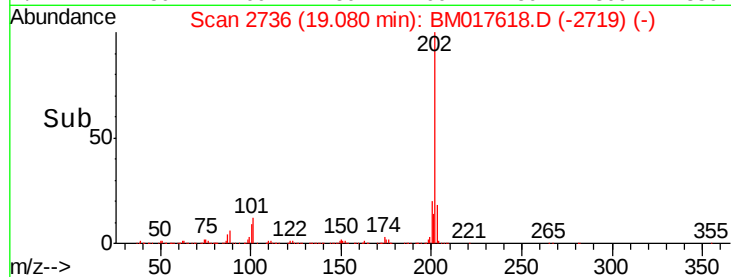
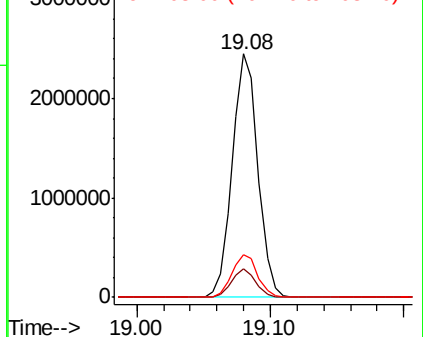
202 100

101 11.7 0.0 31.5

203 17.7 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

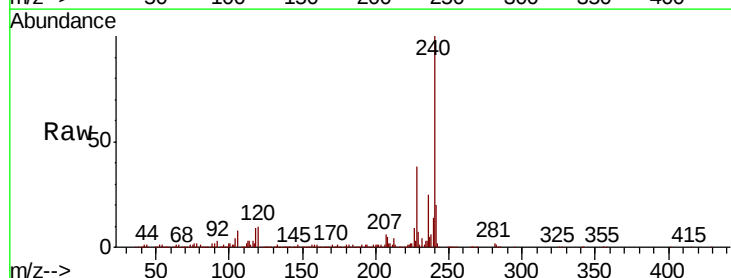
Tgt Ion:240 Resp: 1156988

Ion Ratio Lower Upper

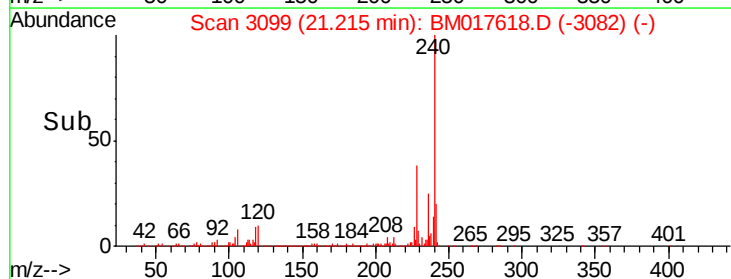
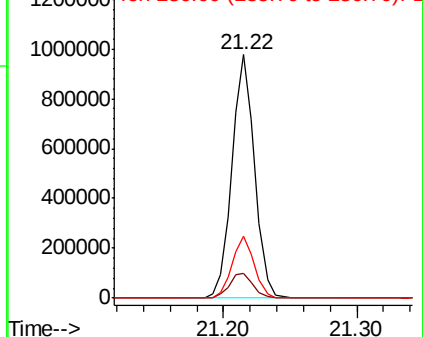
240 100

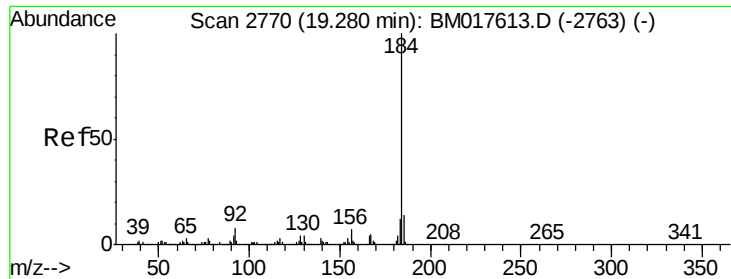
120 10.3 8.5 12.7

236 25.1 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

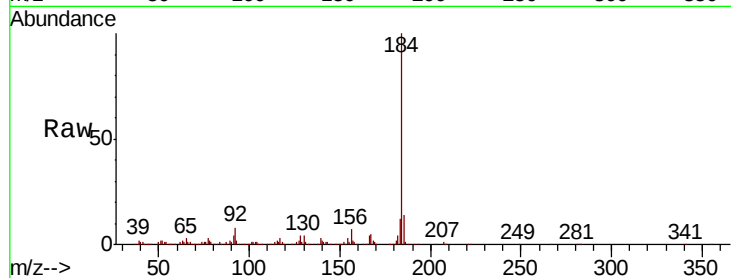




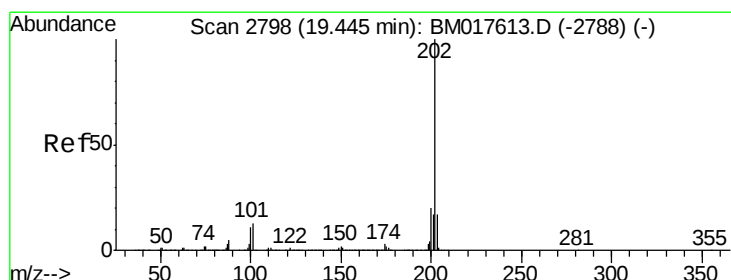
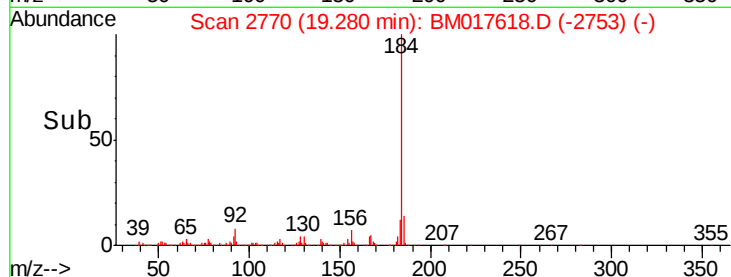
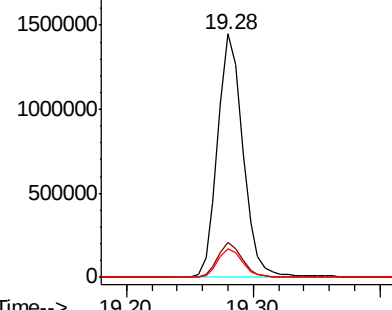
#77
Benzidine
Concen: 53.243 ng
RT: 19.28 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Tgt Ion:184 Resp: 2005975
Ion Ratio Lower Upper
184 100
185 14.2 11.2 16.8
183 11.7 9.5 14.3

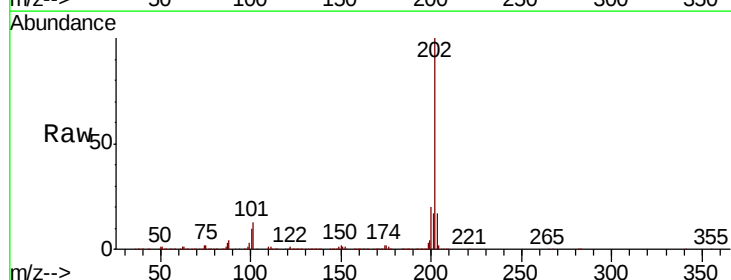


Abundance Ion 184.00 (183.70 to 184.70): E
2000000 Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

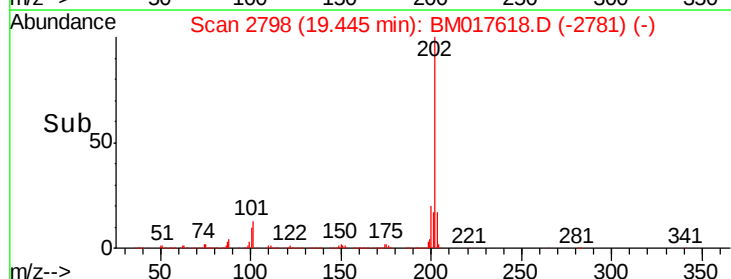
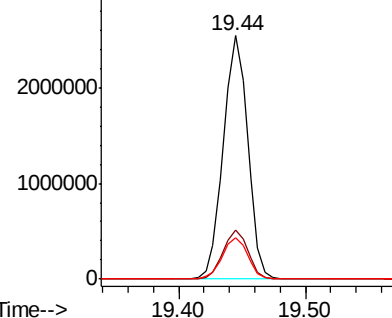


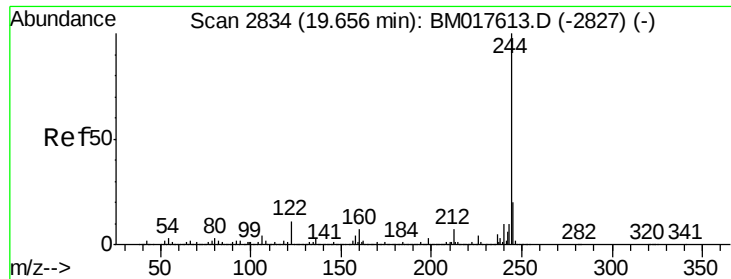
#78
Pyrene
Concen: 47.452 ng
RT: 19.44 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Tgt Ion:202 Resp: 3387515
Ion Ratio Lower Upper
202 100
200 20.4 16.4 24.6
203 17.2 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
3000000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

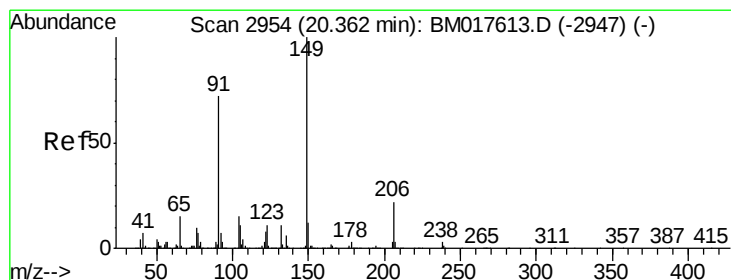
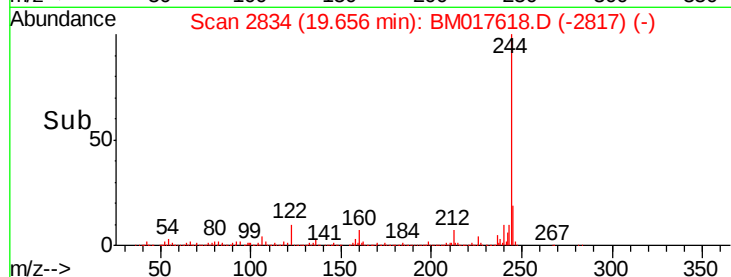
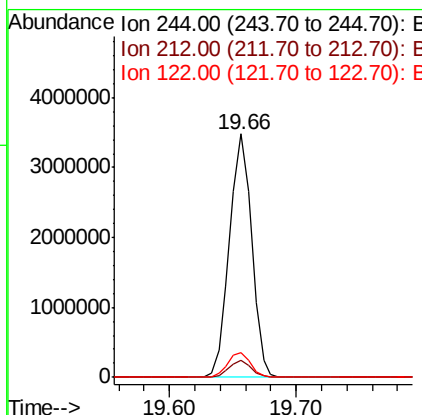
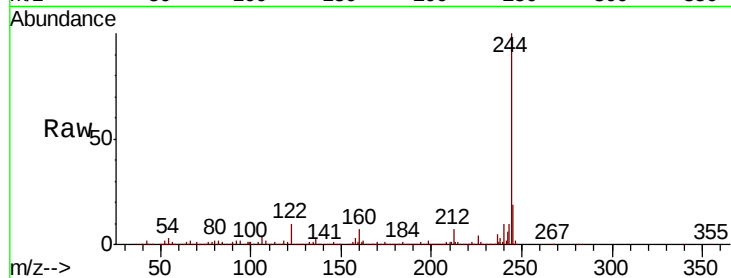




#79
 Terphenyl-d14
 Concen: 82.547 ng
 RT: 19.66 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BM017618.D
 Acq: 12 Nov 2018 18:20

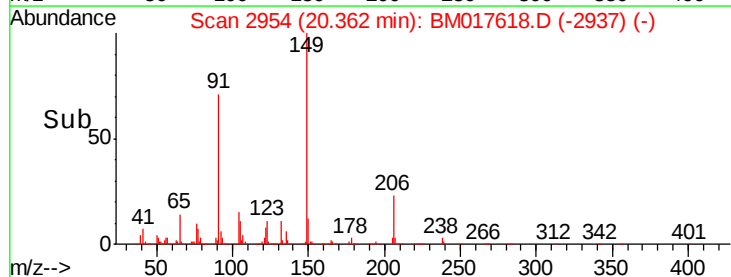
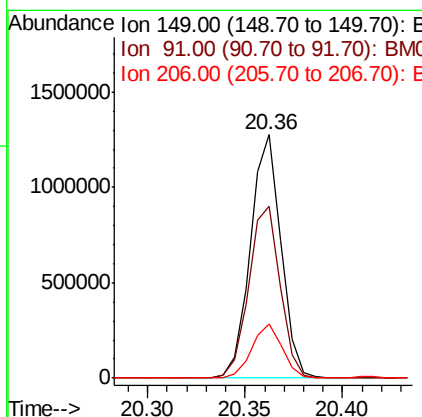
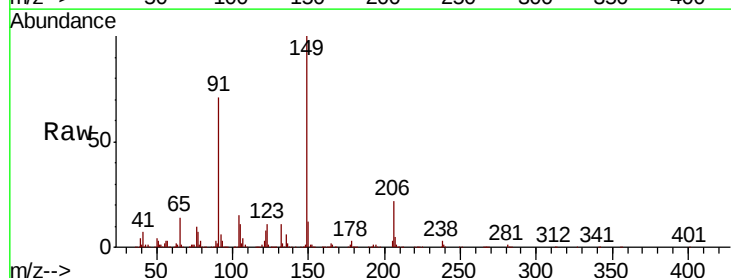
Instrument :
 BNA_M
 ClientSampleId :
 PB114669BS

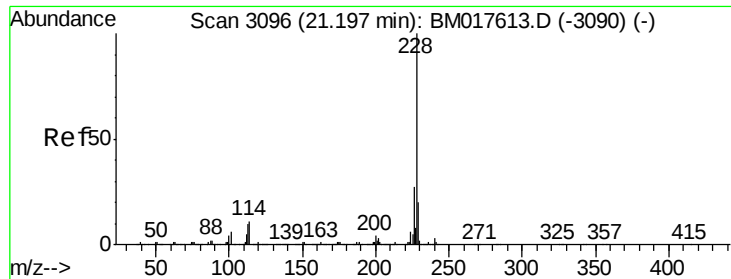
Tgt Ion:244 Resp: 4213957
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 10.4 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 47.739 ng
 RT: 20.36 min Scan# 2954
 Delta R.T. 0.00 min
 Lab File: BM017618.D
 Acq: 12 Nov 2018 18:20

Tgt Ion:149 Resp: 1384185
 Ion Ratio Lower Upper
 149 100
 91 70.7 57.6 86.4
 206 22.5 17.4 26.0

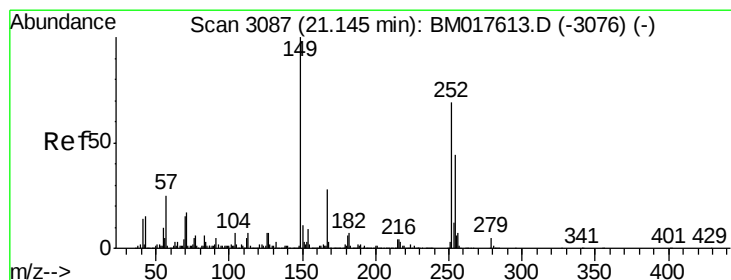
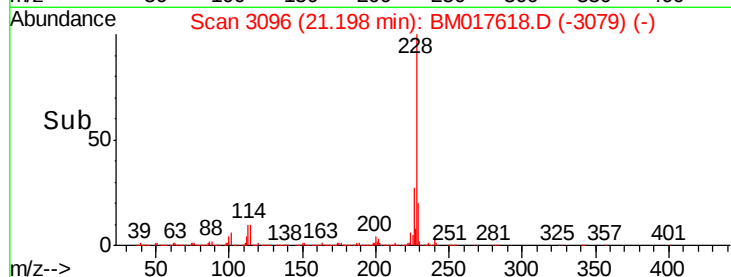
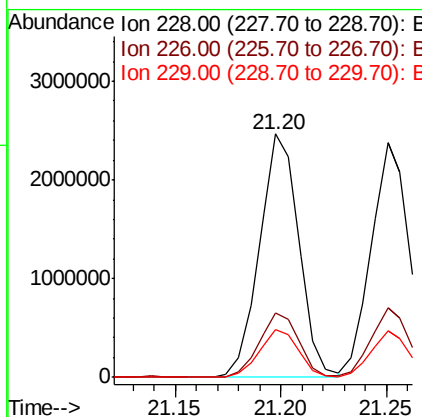
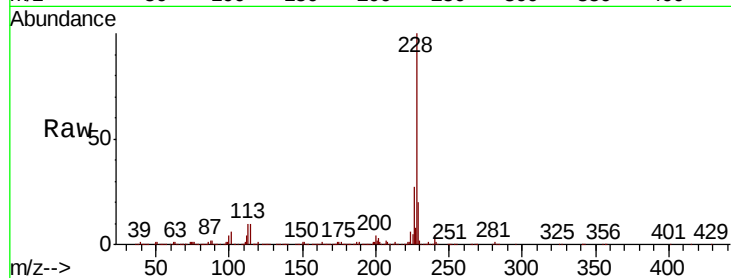




#81
Benzo(a)anthracene
Concen: 47.817 ng
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

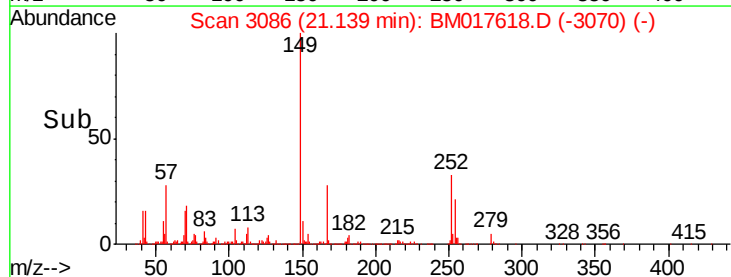
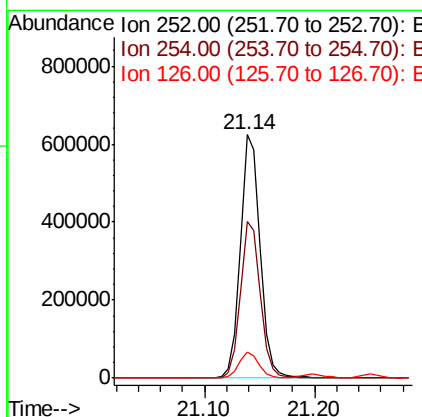
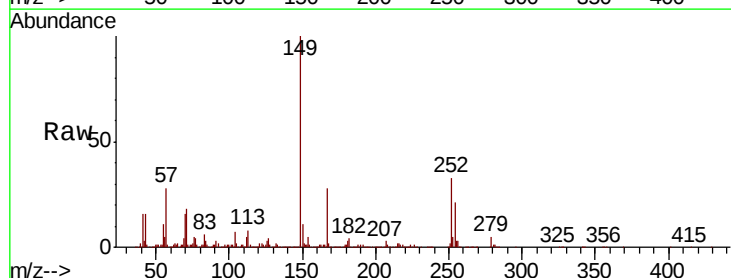
Instrument :
BNA_M
ClientSampleId :
PB114669BS

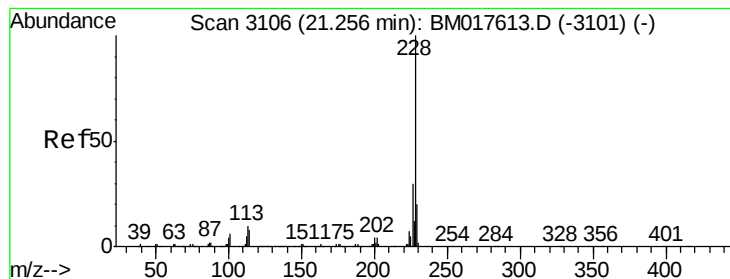
Tgt Ion:228 Resp: 3187319
Ion Ratio Lower Upper
228 100
226 26.7 21.3 31.9
229 19.5 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 30.568 ng
RT: 21.14 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM017618.D
Acq: 12 Nov 2018 18:20

Tgt Ion:252 Resp: 786376
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.2
126 10.6 8.0 12.0





#83

Chrysene

Concen: 45.970 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

ClientSampleId :

PB114669BS

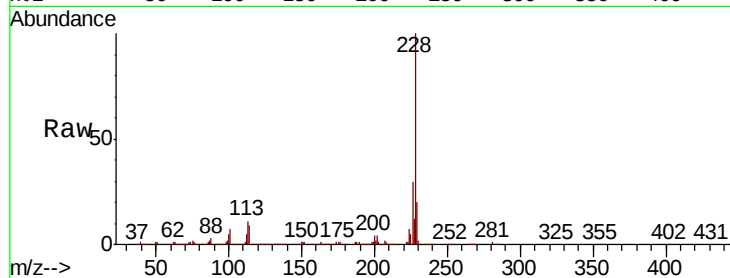
Tgt Ion:228 Resp: 2976127

Ion Ratio Lower Upper

228 100

226 29.7 23.6 35.4

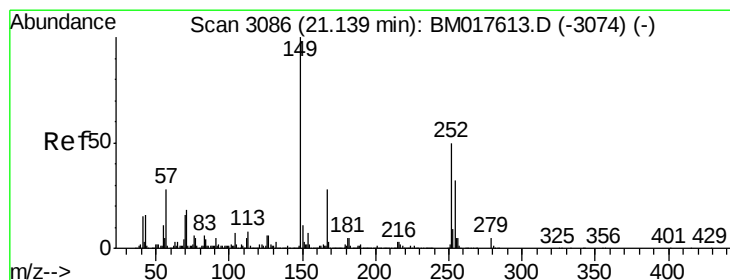
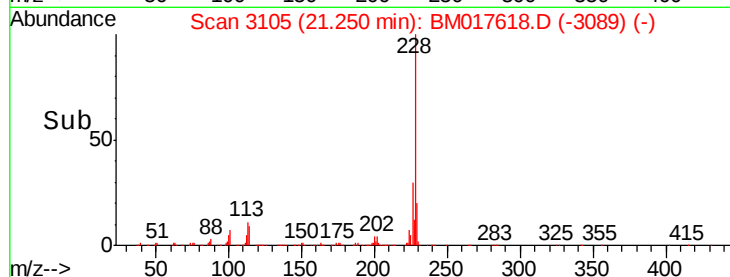
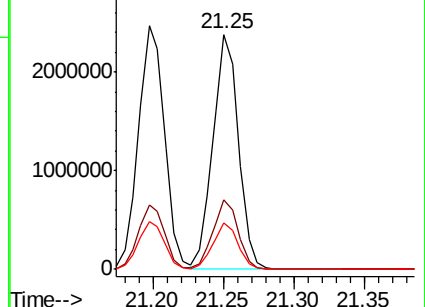
229 20.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.608 ng

RT: 21.14 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

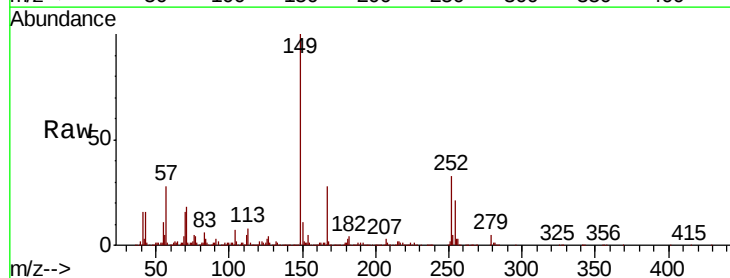
Tgt Ion:149 Resp: 1954930

Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

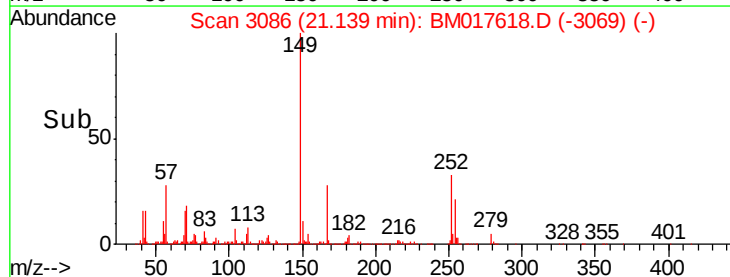
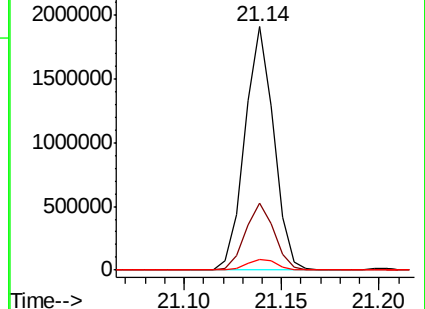
279 4.6 3.7 5.5

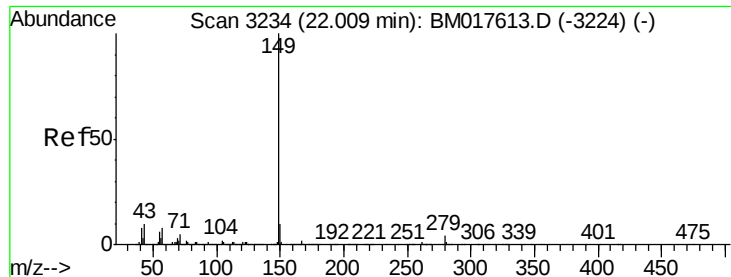


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.130 ng

RT: 22.01 min Scan# 3234

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

ClientSampleId :

PB114669BS

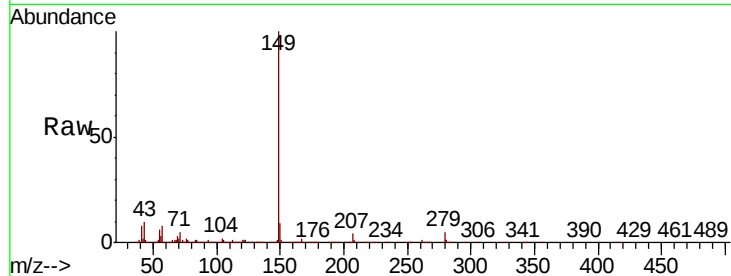
Tgt Ion:149 Resp: 3234782

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

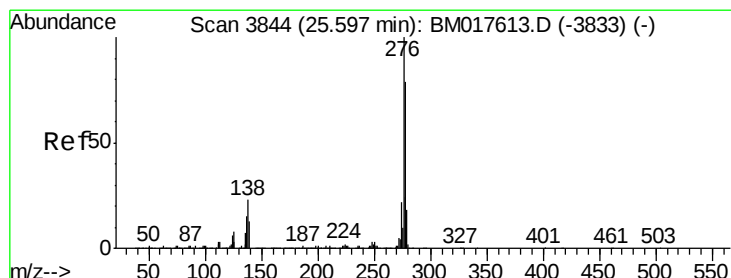
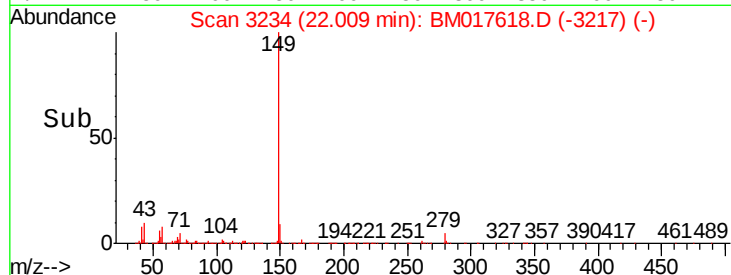
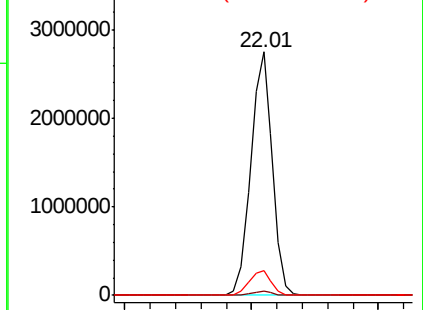
43 10.4 8.3 12.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.678 ng

RT: 25.60 min Scan# 3844

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

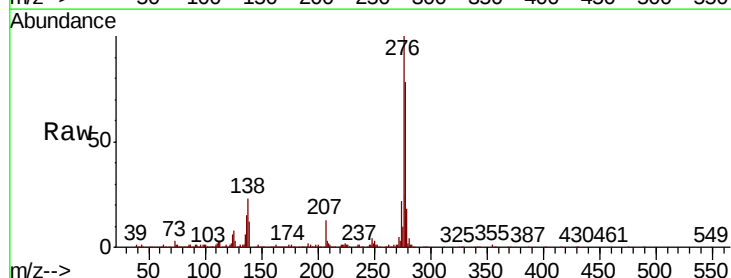
Tgt Ion:276 Resp: 2673529

Ion Ratio Lower Upper

276 100

138 23.6 19.1 28.7

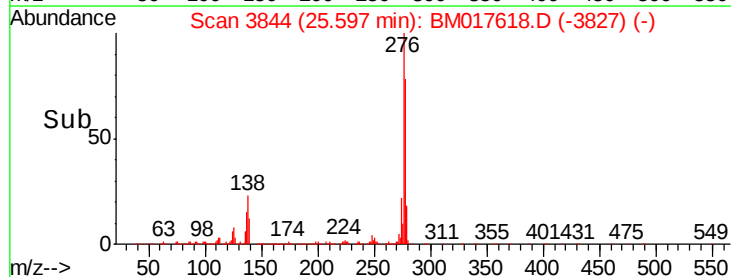
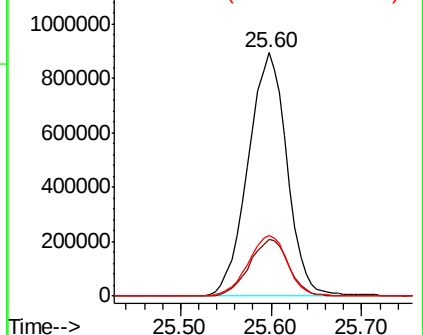
277 25.2 20.0 30.0

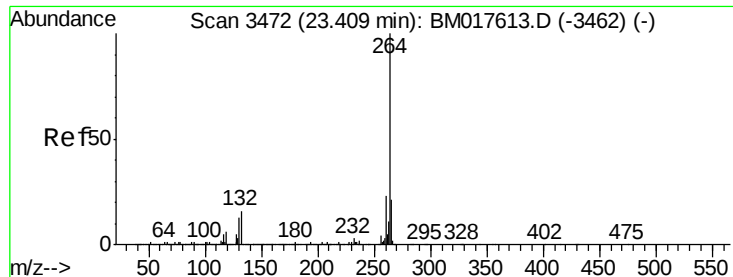


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3472

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

ClientSampleId :

PB114669BS

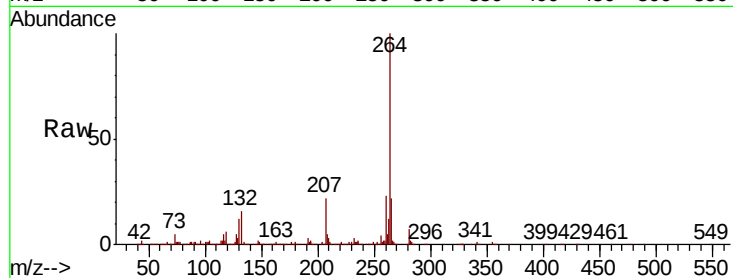
Tgt Ion:264 Resp: 992974

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.2

265 22.3 17.5 26.3

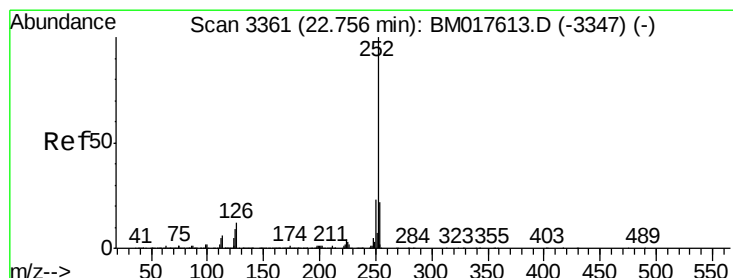
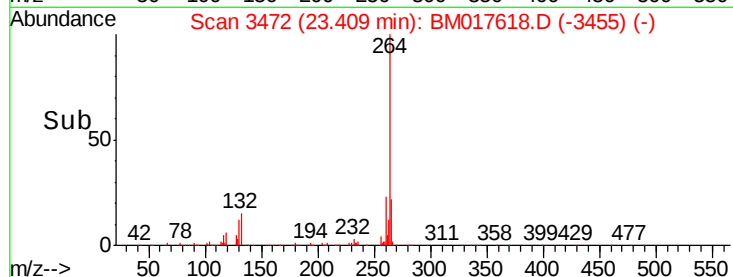
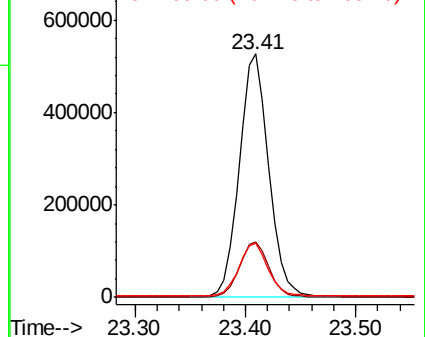


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.998 ng

RT: 22.76 min Scan# 3361

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

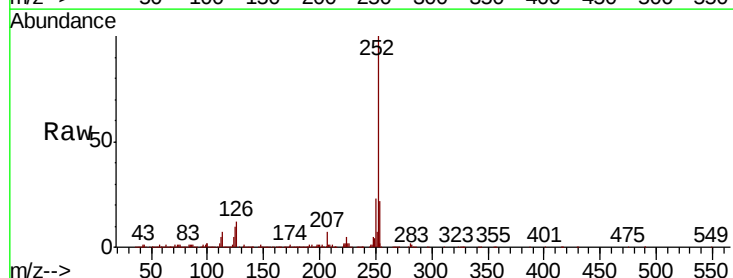
Tgt Ion:252 Resp: 2849349

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.6 7.6 11.4

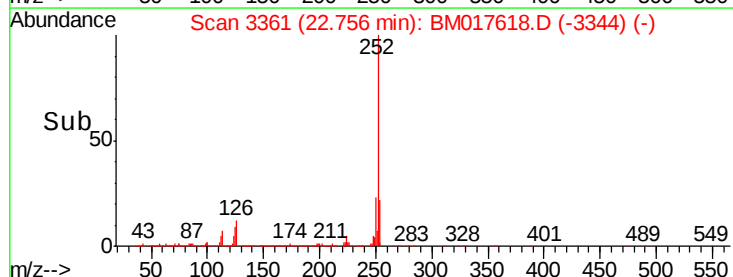
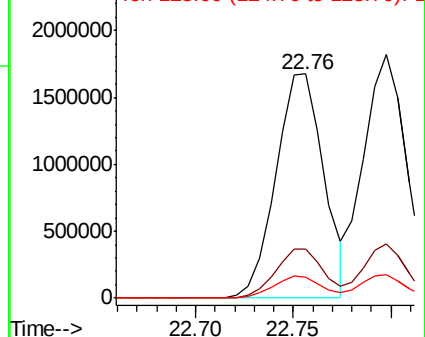


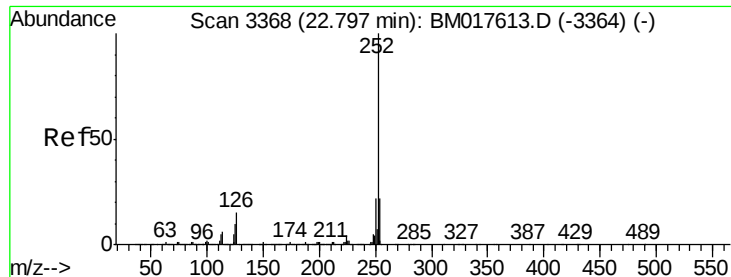
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.695 ng

RT: 22.80 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

ClientSampleId :

PB114669BS

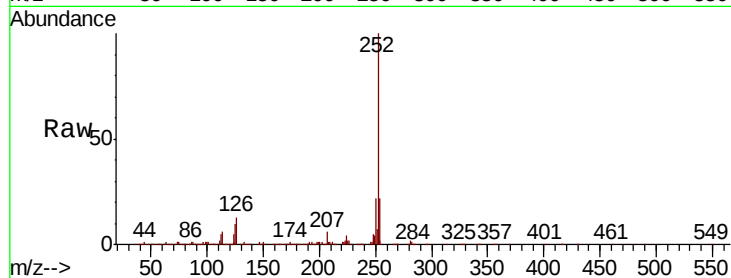
Tgt Ion:252 Resp: 2803312

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 9.7 7.9 11.9

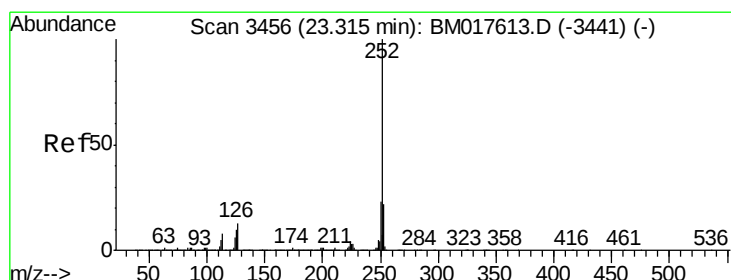
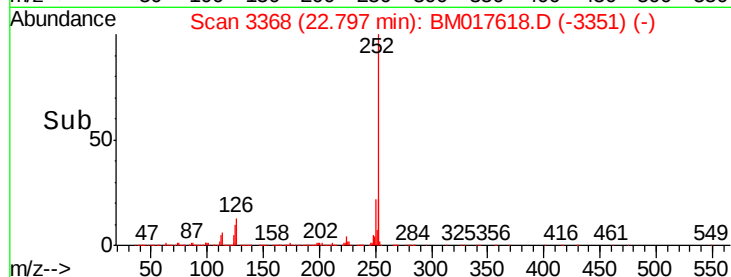
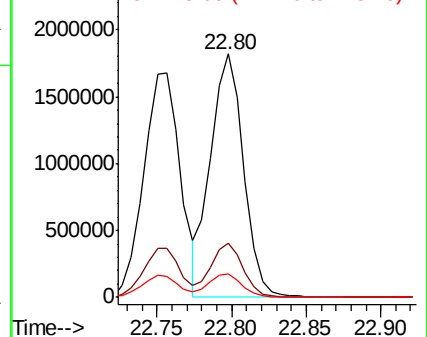


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 49.895 ng

RT: 23.32 min Scan# 3456

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

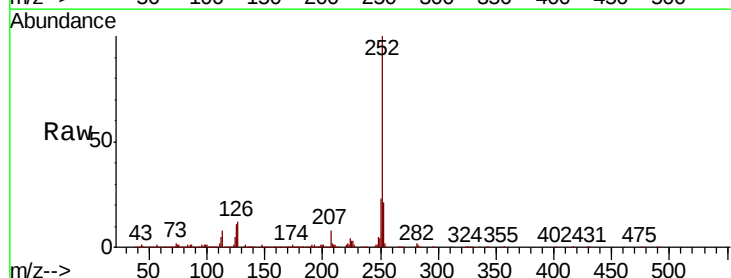
Tgt Ion:252 Resp: 2645539

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

125 10.5 8.2 12.2

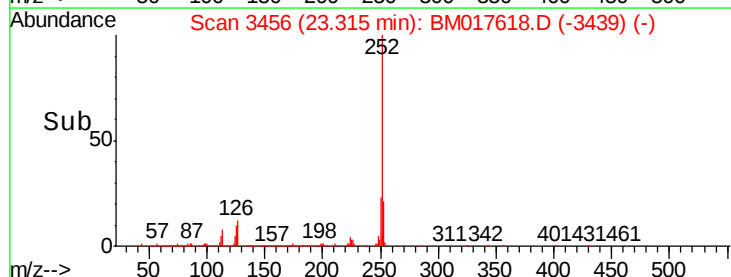
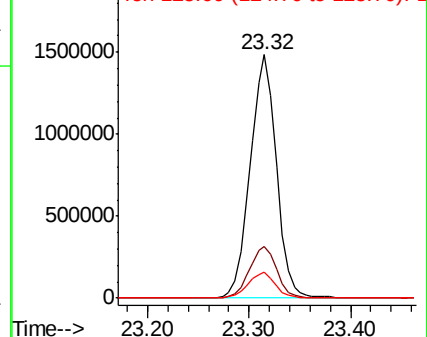


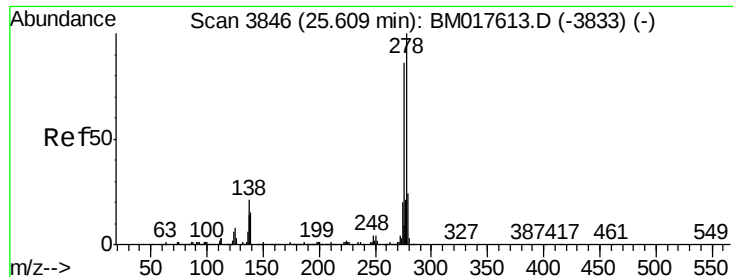
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.723 ng

RT: 25.61 min Scan# 3846

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA_M

ClientSampleId :

PB114669BS

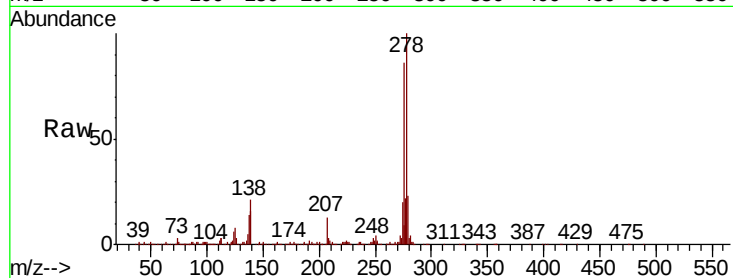
Tgt Ion:278 Resp: 2261053

Ion Ratio Lower Upper

278 100

139 15.6 11.8 17.6

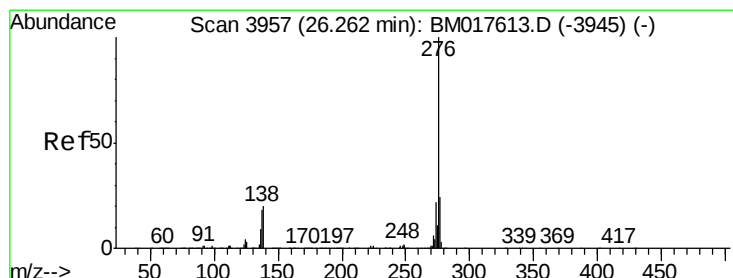
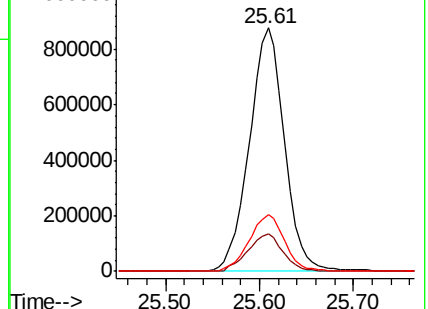
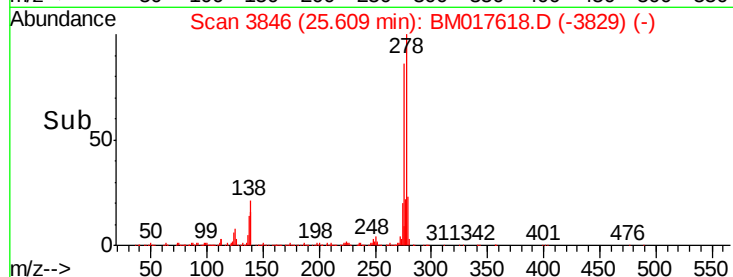
279 23.3 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.605 ng

RT: 26.26 min Scan# 3957

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

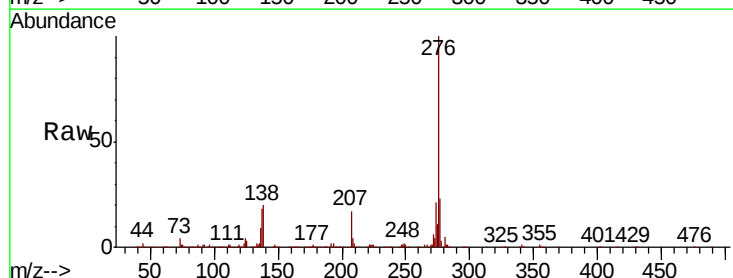
Tgt Ion:276 Resp: 2163202

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 20.1 15.9 23.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

