

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
 Data File : BM018637.D
 Acq On : 18 Jan 2019 15:13
 Operator : JU/SJ
 Sample : PB116472BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116472BS

Quant Time: Jan 18 16:55:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 16:48:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	228509	20.00	ng	0.00
21) Naphthalene-d8	10.53	136	866561	20.00	ng	0.00
39) Acenaphthene-d10	14.39	164	460456	20.00	ng	0.00
64) Phenanthrene-d10	17.13	188	991891	20.00	ng	0.00
76) Chrysene-d12	21.33	240	1067557	20.00	ng	0.00
87) Perylene-d12	23.60	264	1126168	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1724985	139.39	ng	0.00
7) Phenol-d6	6.92	99	2111073	134.31	ng	0.00
23) Nitrobenzene-d5	8.90	82	1178734	78.85	ng	0.00
42) 2,4,6-Tribromophenol	15.88	330	828238	141.27	ng	0.00
45) 2-Fluorobiphenyl	13.00	172	2815332	79.78	ng	0.00
79) Terphenyl-d14	19.77	244	4152515	82.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	178593	35.408	ng	94
3) Pyridine	3.67	79	462225	36.757	ng	96
4) n-Nitrosodimethylamine	3.59	42	228357	43.915	ng	# 93
6) Aniline	7.07	93	532976	30.398	ng	100
8) 2-Chlorophenol	7.30	128	588035	40.685	ng	95
9) Benzaldehyde	6.89	77	143114	13.190	ng	96
10) Phenol	6.94	94	628242	39.334	ng	99
11) bis(2-Chloroethyl)ether	7.17	93	481777	38.388	ng	94
12) 1,3-Dichlorobenzene	7.62	146	658439	38.253	ng	99
13) 1,4-Dichlorobenzene	7.77	146	665855	38.167	ng	99
14) 1,2-Dichlorobenzene	8.09	146	629843	38.074	ng	99
15) Benzyl Alcohol	7.98	79	451141	39.739	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.27	45	602664	37.576	ng	95
17) 2-Methylphenol	8.18	107	437809	40.381	ng	99
18) Hexachloroethane	8.80	117	240847	38.719	ng	95
19) n-Nitroso-di-n-propylamine	8.55	70	377204	36.876	ng	91
20) 3+4-Methylphenols	8.51	107	581734	38.868	ng	97
22) Acetophenone	8.56	105	777828	36.285	ng	# 96
24) Nitrobenzene	8.95	77	561671	38.188	ng	96
25) Isophorone	9.46	82	995857	43.995	ng	97
26) 2-Nitrophenol	9.65	139	314017	44.154	ng	96
27) 2,4-Dimethylphenol	9.70	122	483884	45.393	ng	99
28) bis(2-Chloroethoxy)methane	9.95	93	622835	39.830	ng	99
29) 2,4-Dichlorophenol	10.18	162	524411	41.314	ng	97
30) 1,2,4-Trichlorobenzene	10.39	180	599788	38.069	ng	98
31) Naphthalene	10.57	128	1703564	40.820	ng	99
32) Benzoic acid	9.84	122	323835	45.510	ng	99
33) 4-Chloroaniline	10.70	127	289016	17.584	ng	97
34) Hexachlorobutadiene	10.85	225	373641	37.539	ng	99
35) Caprolactam	11.51	113	150084	34.777	ng	86
36) 4-Chloro-3-methylphenol	11.82	107	515735	38.728	ng	100
37) 2-Methylnaphthalene	12.19	142	1225123	41.549	ng	100
38) 1-Methylnaphthalene	12.42	142	1151761	40.370	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.56	216	633780	39.360	ng	100

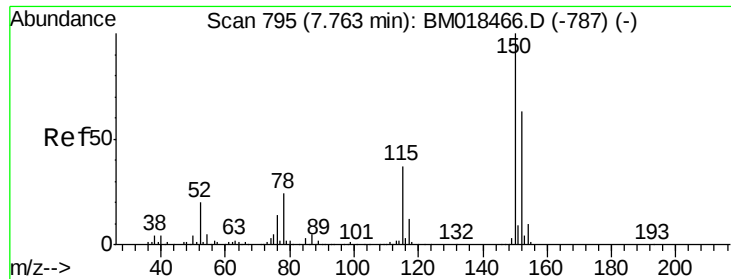
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	822189	93.037	nq	99
43) 2,4,6-Trichlorophenol	12.81	196	414854	42.427	nq	98
44) 2,4,5-Trichlorophenol	12.88	196	436168	42.414	nq	98
46) 1,1'-Biphenyl	13.22	154	1516420	37.717	nq	98
47) 2-Chloronaphthalene	13.26	162	1184371	37.988	nq	99
48) 2-Nitroaniline	13.47	65	302795	39.476	nq	88
49) Acenaphthylene	14.11	152	1869586	41.149	nq	99
50) Dimethylphthalate	13.85	163	1435304	37.955	nq	100
51) 2,6-Dinitrotoluene	13.97	165	316712	39.538	nq	92
52) Acenaphthene	14.45	154	1071241	38.534	nq	98
53) 3-Nitroaniline	14.31	138	207067	25.641	nq	96
54) 2,4-Dinitrophenol	14.52	184	384110	87.806	nq	# 89
55) Dibenzofuran	14.79	168	1717830	37.399	nq	100
56) 4-Nitrophenol	14.62	139	553043	79.271	nq	95
57) 2,4-Dinitrotoluene	14.76	165	443320	39.115	nq	95
58) Fluorene	15.44	166	1381934	40.387	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.01	232	390979	42.893	nq	97
60) Diethylphthalate	15.22	149	1449076	37.958	nq	99
61) 4-Chlorophenyl-phenylether	15.43	204	712100	36.109	nq	97
62) 4-Nitroaniline	15.47	138	297232	33.744	nq	97
63) Azobenzene	15.73	77	1157297	37.182	nq	96
65) 4,6-Dinitro-2-methylphenol	15.52	198	245117	39.807	nq	92
66) n-Nitrosodiphenylamine	15.65	169	1200707	39.025	nq	98
67) 4-Bromophenyl-phenylether	16.33	248	426621	38.435	nq	98
68) Hexachlorobenzene	16.43	284	464900	37.413	nq	98
69) Atrazine	16.60	200	437596	39.341	nq	99
70) Pentachlorophenol	16.78	266	605805	74.440	nq	100
71) Phenanthrene	17.18	178	2123988	40.259	nq	100
72) Anthracene	17.27	178	2165536	42.685	nq	100
73) Carbazole	17.54	167	1936372	37.150	nq	99
74) Di-n-butylphthalate	18.10	149	2486482	43.551	nq	99
75) Fluoranthene	19.20	202	2469345	40.597	nq	98
77) Benzidine	19.40	184	855253	32.446	nq	100
78) Pyrene	19.56	202	2533362	40.035	nq	100
80) Butylbenzylphthalate	20.46	149	1176468	43.570	nq	99
81) Benzo(a)anthracene	21.31	228	2596736	41.289	nq	99
82) 3,3'-Dichlorobenzidine	21.25	252	741272	31.169	nq	100
83) Chrysene	21.37	228	2461550	40.532	nq	100
84) Bis(2-ethylhexyl)phthalate	21.23	149	1699103	43.577	nq	100
85) Di-n-octyl phthalate	22.12	149	3074553	46.883	nq	# 94
86) Indeno(1,2,3-cd)pyrene	25.91	276	3348214	47.811	nq	97
88) Benzo(b)fluoranthene	22.91	252	2774966	43.403	nq	99
89) Benzo(k)fluoranthene	22.96	252	2595565	40.283	nq	98
90) Benzo(a)pyrene	23.50	252	2691223	43.968	nq	98
91) Dibenzo(a,h)anthracene	25.92	278	2832722	45.675	nq	98
92) Benzo(g,h,i)perylene	26.61	276	2808888	46.541	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

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ClientSampleId :

PB116472BS

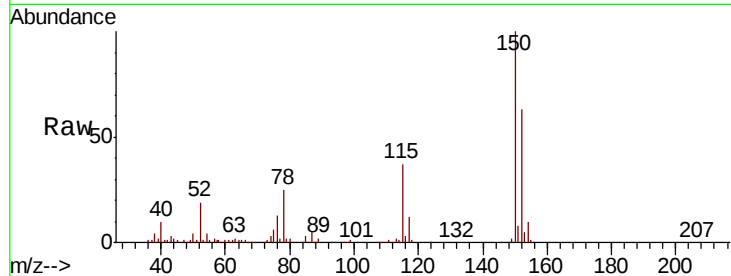
Tot Ion:152 Resp: 228509

Ion Ratio Lower Upper

152 100

150 158.3 126.9 190.3

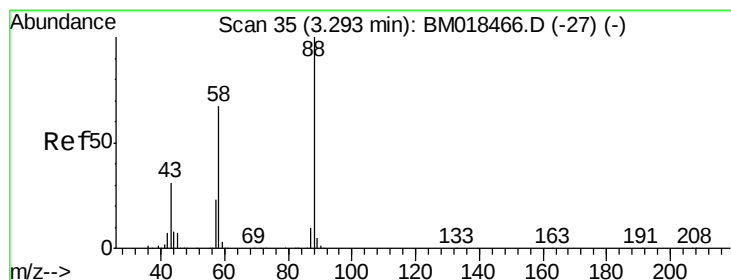
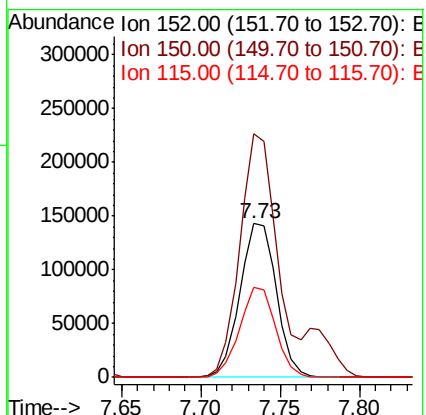
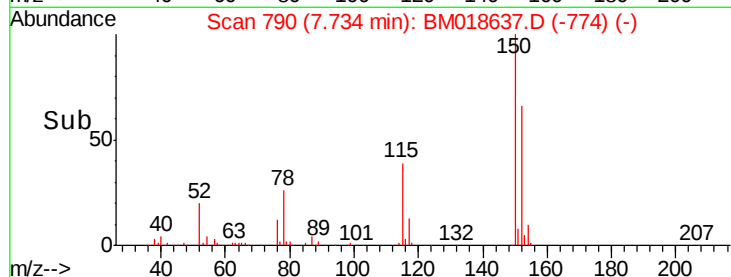
115 58.7 45.5 68.3



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: 35.408 ng

RT: 3.28 min Scan# 32

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

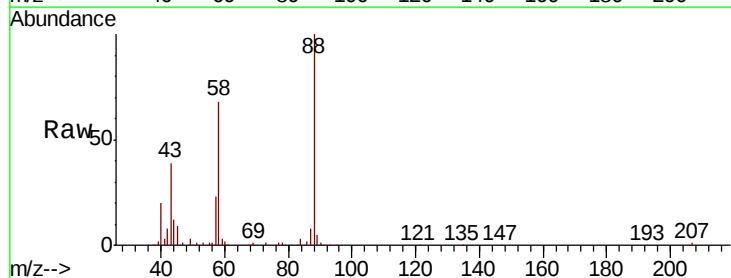
Tgt Ion: 88 Resp: 178593

Ion Ratio Lower Upper

88 100

58 66.9 58.4 87.6

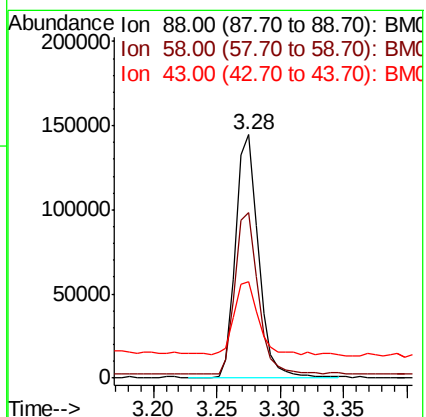
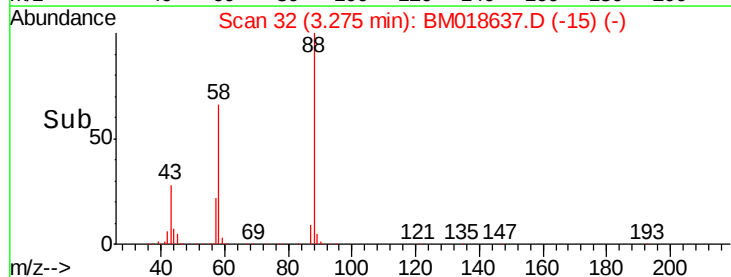
43 34.5 26.2 39.4

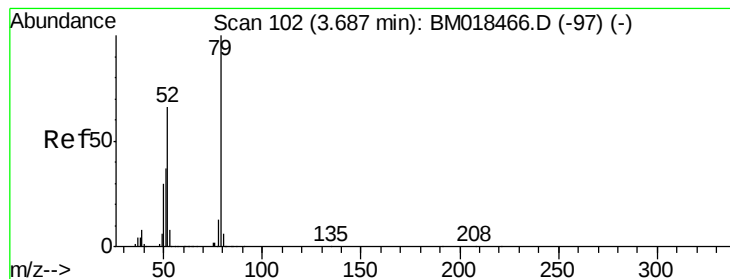


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 36.757 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

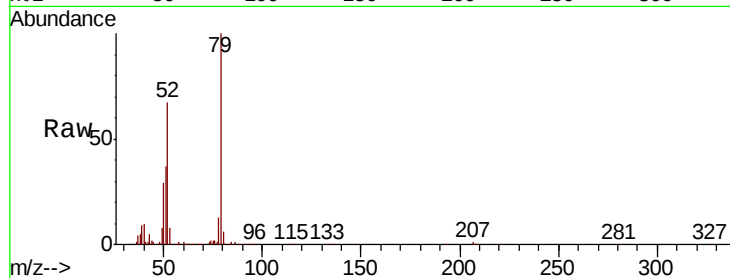
Tot Ion: 79 Resp: 462225

Ion Ratio Lower Upper

79 100

52 66.9 56.4 84.6

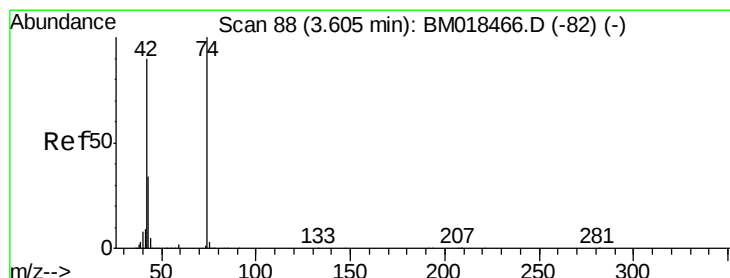
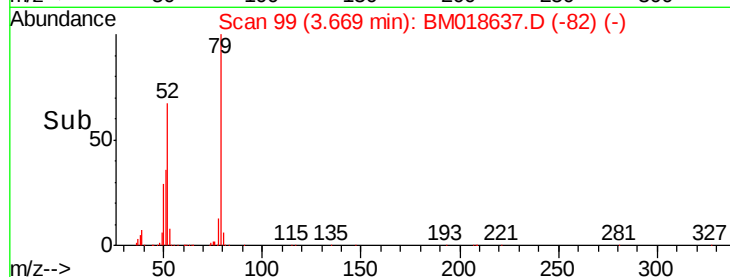
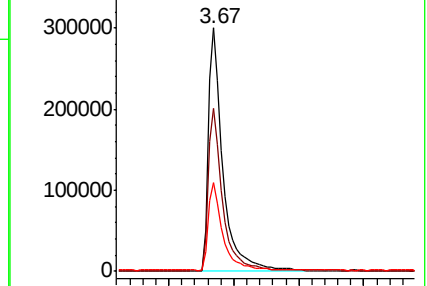
51 36.6 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018637.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM018637.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM018637.D (-97) (-)



#4

n-Nitrosodimethylamine

Concen: 43.915 ng

RT: 3.59 min Scan# 85

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

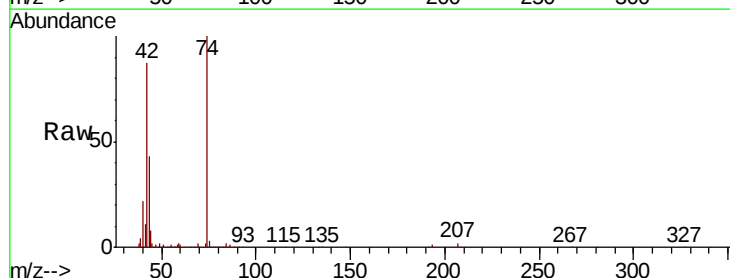
Tgt Ion: 42 Resp: 228357

Ion Ratio Lower Upper

42 100

74 114.3 88.6 132.8

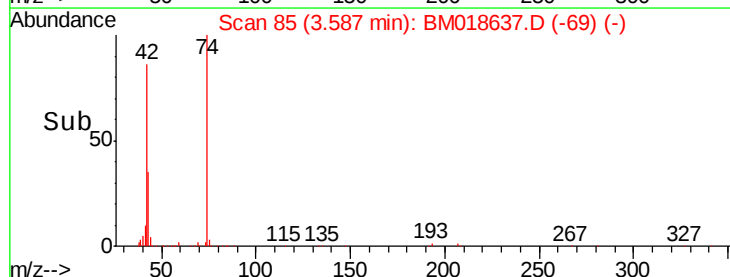
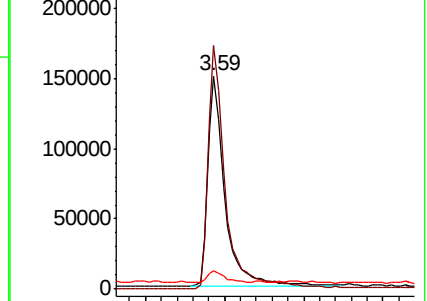
44 8.7 16.9 25.3

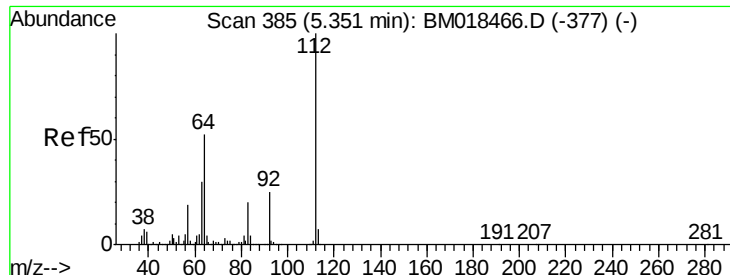


Abundance Ion 42.00 (41.70 to 42.70): BM018637.D (-69) (-)

Ion 74.00 (73.70 to 74.70): BM018637.D (-69) (-)

Ion 44.00 (43.70 to 44.70): BM018637.D (-69) (-)





#5

2-Fluorophenol

Concen: 139.389 ng

RT: 5.33 min Scan# 381

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

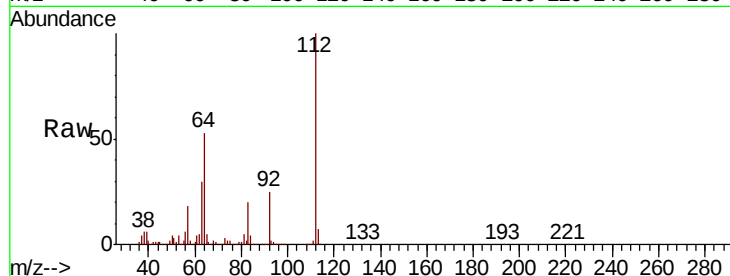
Tot Ion:112 Resp: 1724985

Ion Ratio Lower Upper

112 100

64 53.4 46.5 69.7

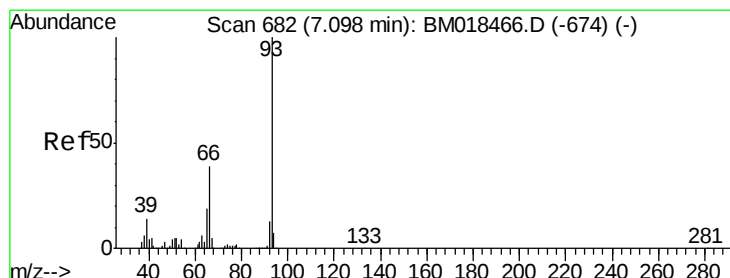
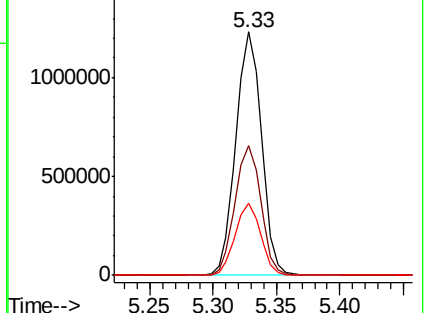
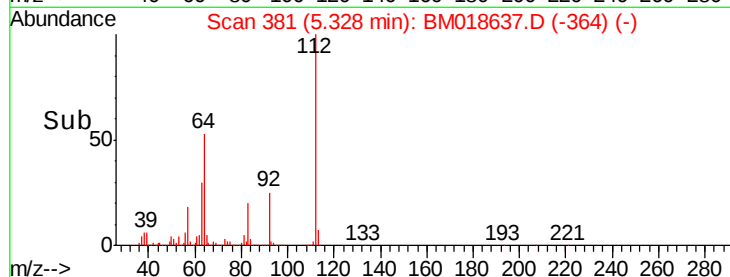
63 29.6 25.2 37.8



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: 30.398 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

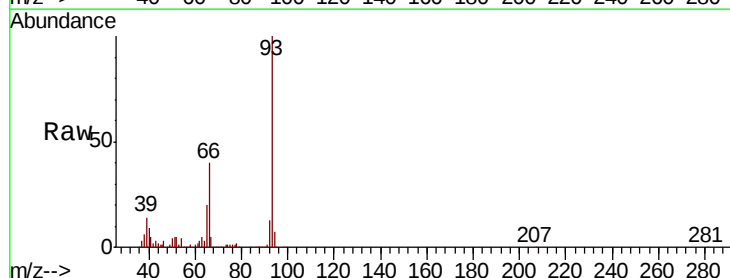
Tgt Ion: 93 Resp: 532976

Ion Ratio Lower Upper

93 100

66 39.6 31.7 47.5

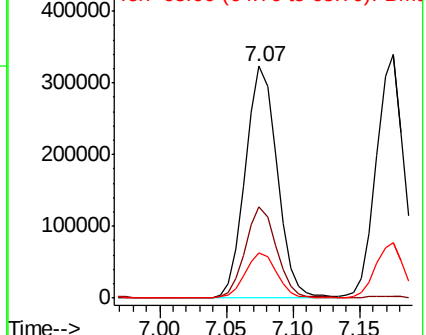
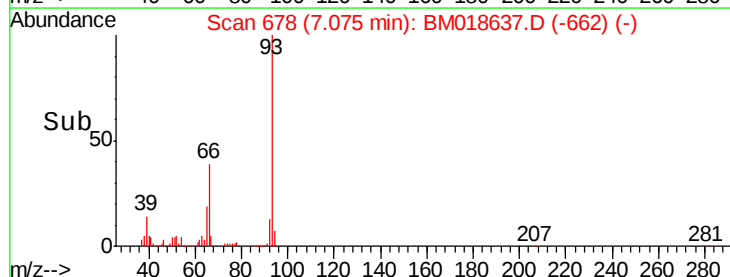
65 19.7 15.9 23.9

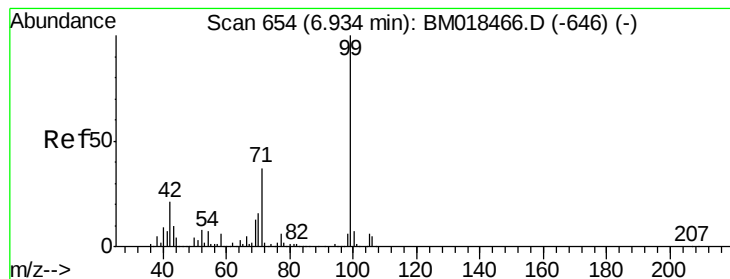


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 134.308 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

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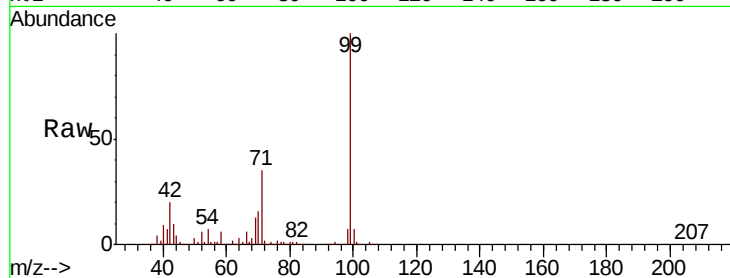
Tot Ion: 99 Resp: 2111073

Ion Ratio Lower Upper

99 100

42 19.6 17.3 25.9

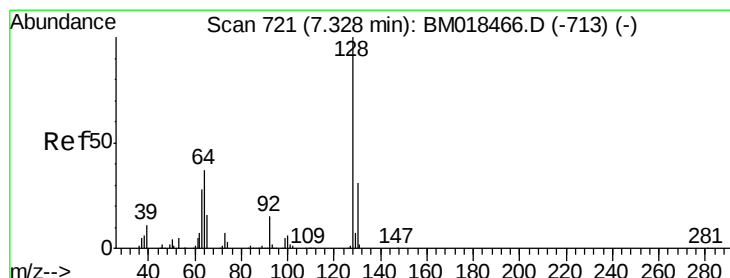
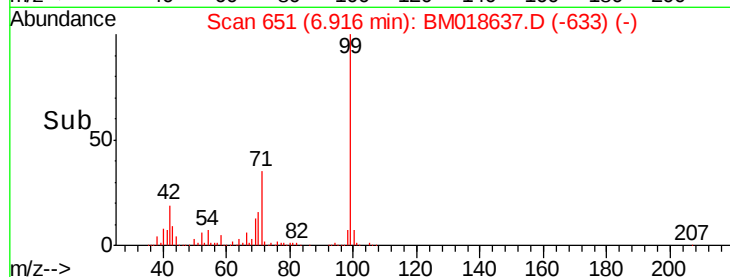
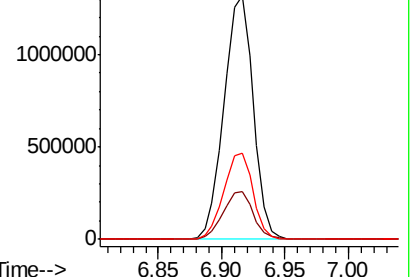
71 35.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#8

2-Chlorophenol

Concen: 40.685 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

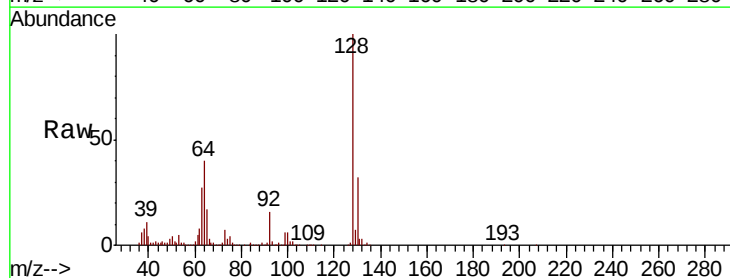
Tgt Ion:128 Resp: 588035

Ion Ratio Lower Upper

128 100

130 32.3 13.6 53.6

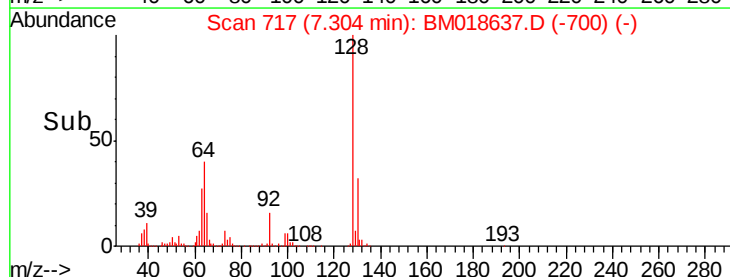
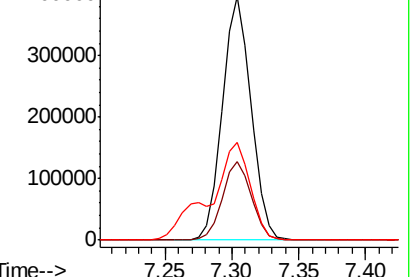
64 40.1 24.8 64.8

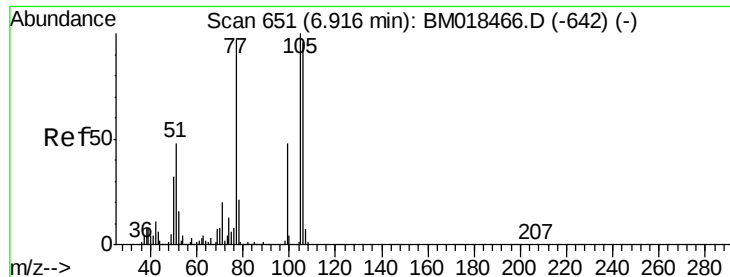


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)





#9

Benzaldehyde

Concen: 13.190 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

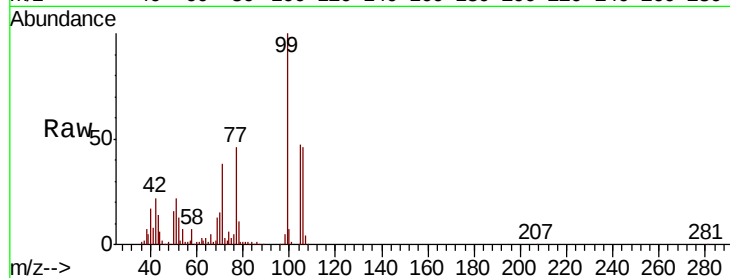
Tot Ion: 77 Resp: 143114

Ion Ratio Lower Upper

77 100

105 102.7 79.7 119.7

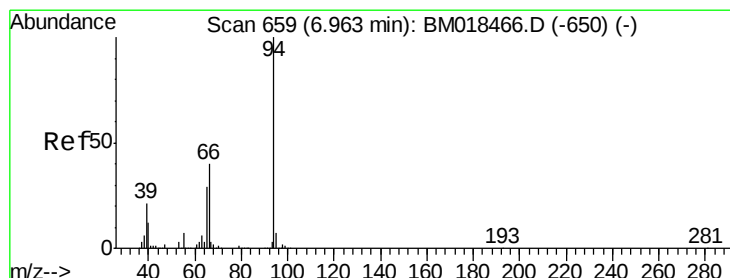
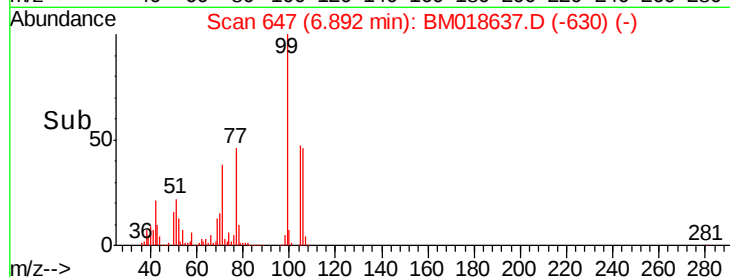
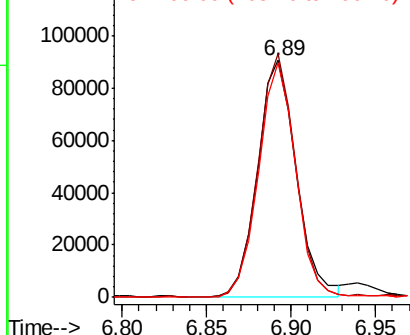
106 99.2 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018637.D (-630) (-)

Ion 105.00 (104.70 to 105.70): BM018637.D (-630) (-)

Ion 106.00 (105.70 to 106.70): BM018637.D (-630) (-)



#10

Phenol

Concen: 39.334 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

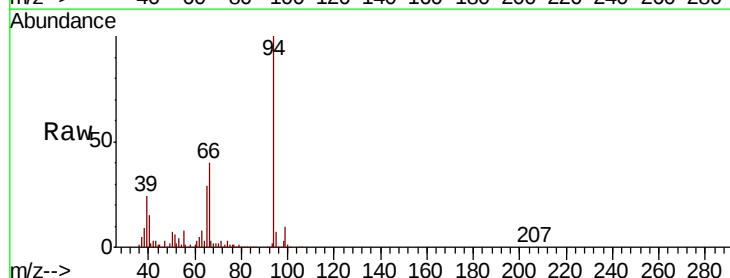
Tgt Ion: 94 Resp: 628242

Ion Ratio Lower Upper

94 100

65 28.9 9.4 49.4

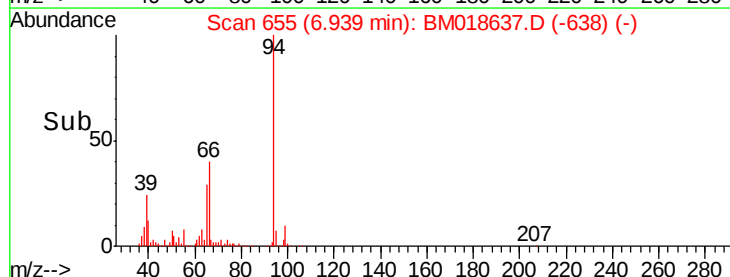
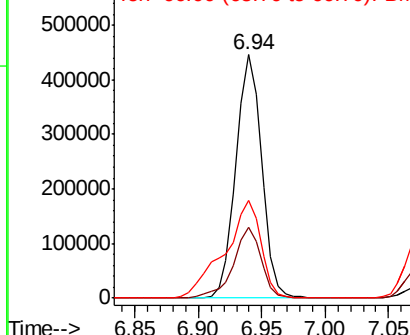
66 39.9 19.1 59.1

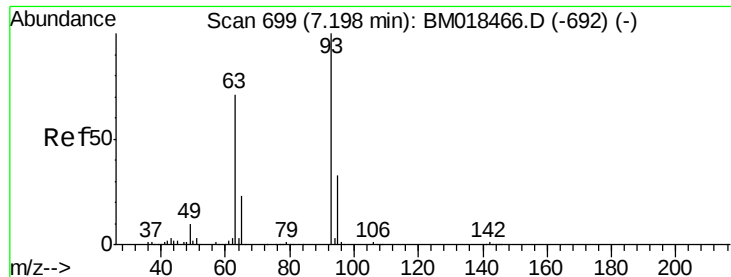


Abundance Ion 94.00 (93.70 to 94.70): BM018637.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM018637.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM018637.D (-638) (-)

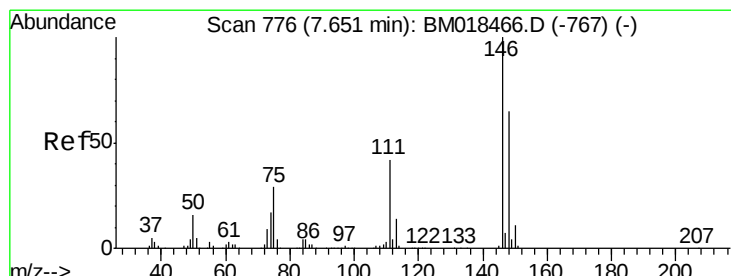
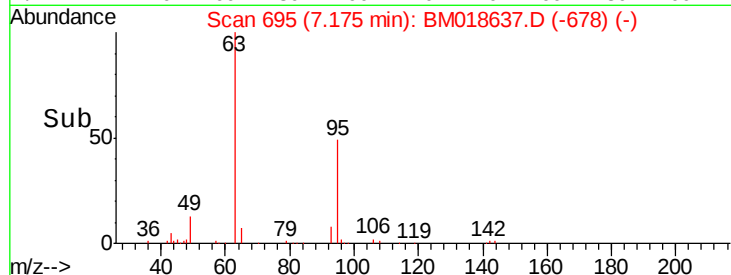
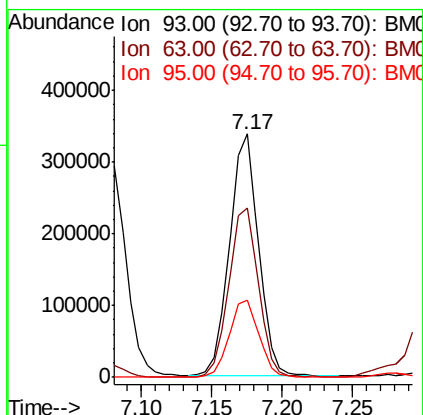
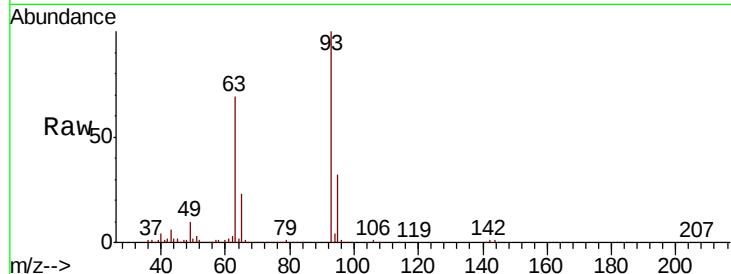




#11
 bis(2-Chloroethyl)ether
 Concen: 38.388 ng
 RT: 7.17 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BM018637.D
 Acq: 18 Jan 2019 15:13

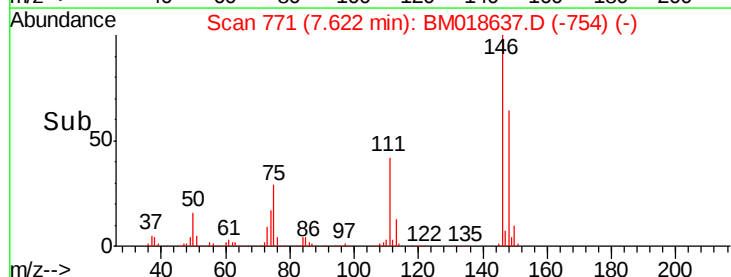
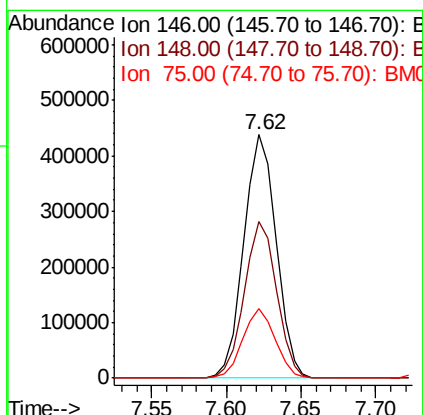
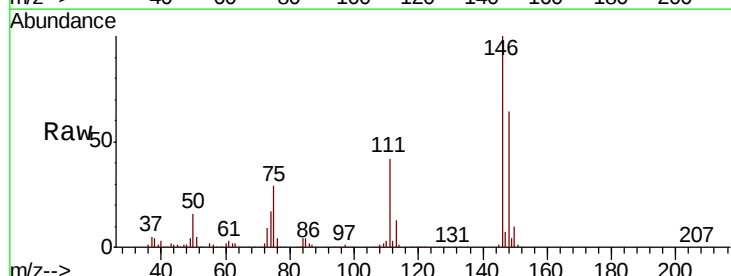
Instrument :
 BNA_M
 ClientSampleId :
 PB116472BS

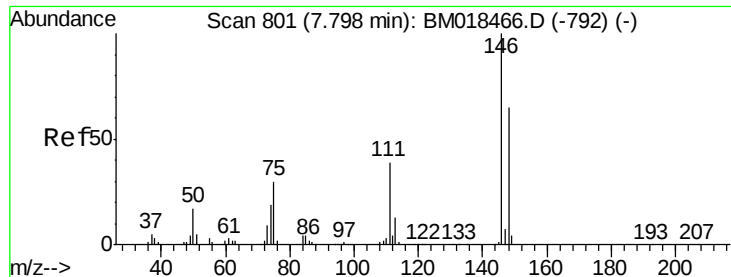
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.4	56.4	96.4
95	31.8	12.7	52.7



#12
 1,3-Dichlorobenzene
 Concen: 38.253 ng
 RT: 7.62 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BM018637.D
 Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.5	75.7
75	28.6	23.0	34.6

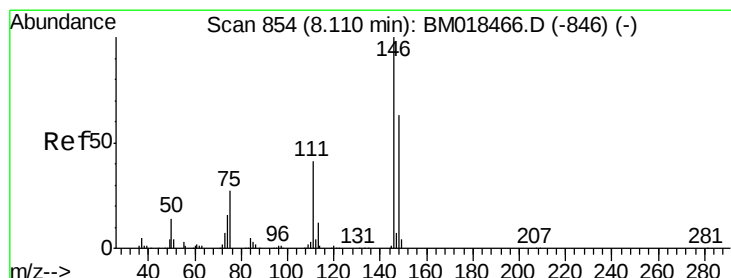
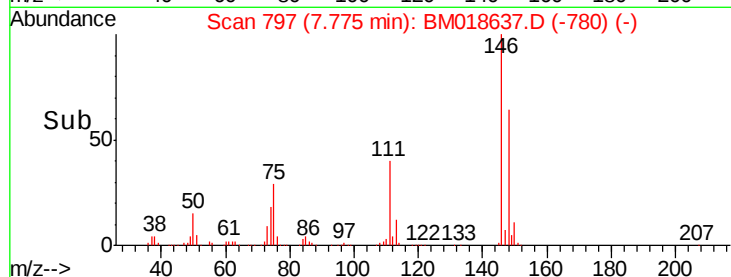
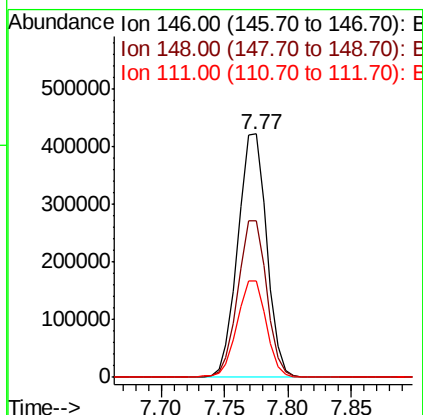
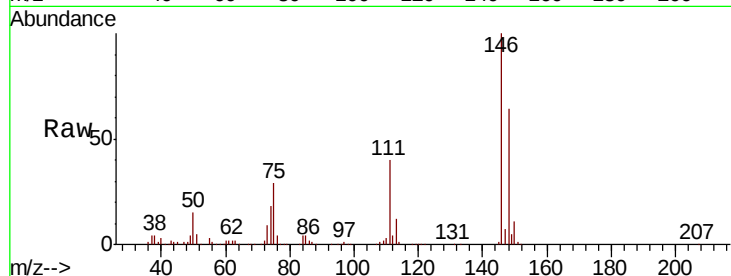




#13
 1,4-Dichlorobenzene
 Concen: 38.167 ng
 RT: 7.77 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BM018637.D
 Acq: 18 Jan 2019 15:13

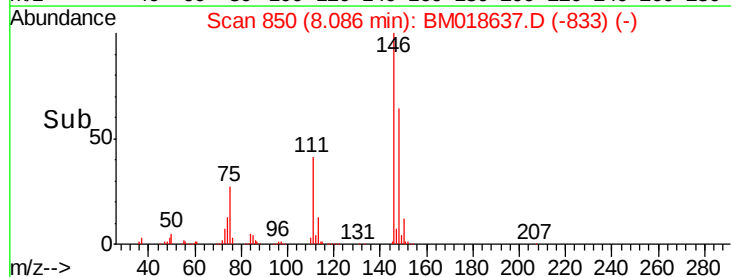
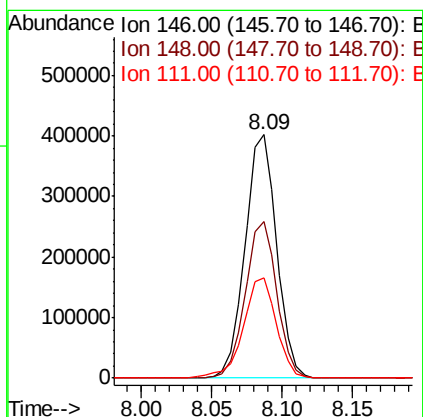
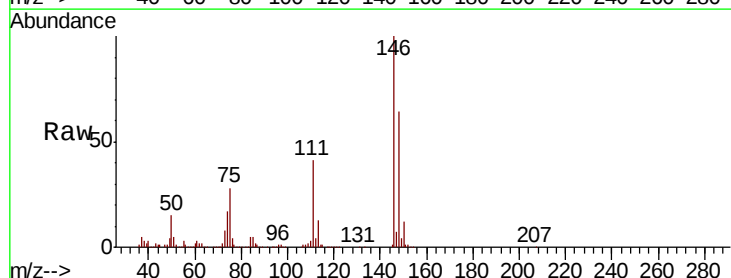
Instrument :
 BNA_M
 ClientSampleId :
 PB116472BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	39.8	32.2	48.2



#14
 1,2-Dichlorobenzene
 Concen: 38.074 ng
 RT: 8.09 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BM018637.D
 Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.6
111	41.3	33.8	50.6





#15

Benzyl Alcohol

Concen: 39.739 ng

RT: 7.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleID :

PB116472BS

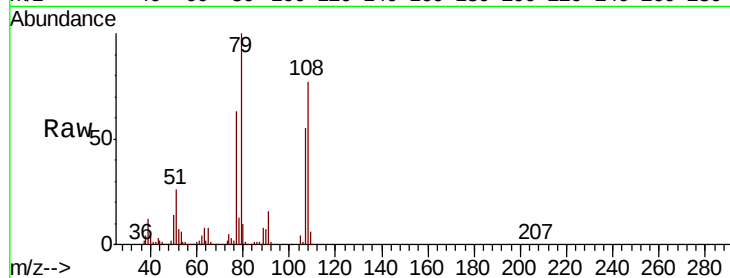
Tot Ion: 79 Resp: 451141

Ion Ratio Lower Upper

79 100

108 76.6 60.4 90.6

77 63.4 53.4 80.2

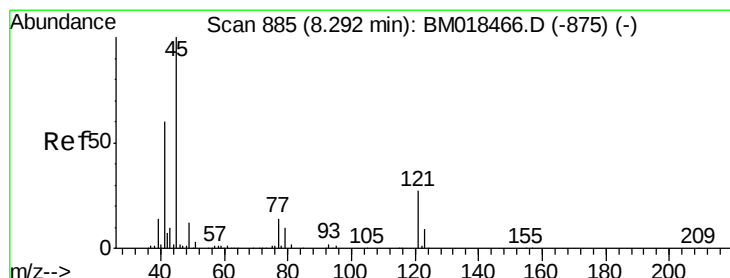
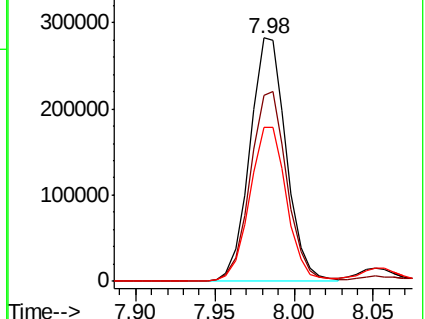
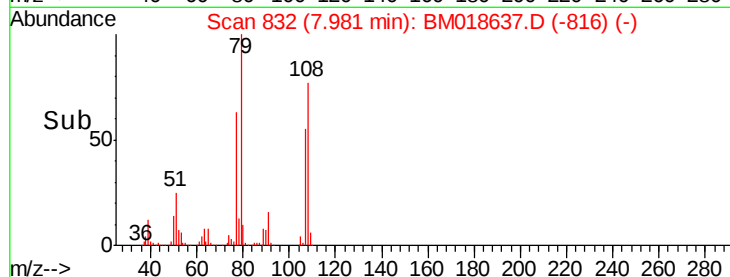


Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-827) (-)

Ion 108.00 (107.70 to 108.70): BM018466.D (-827) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-827) (-)

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.576 ng

RT: 8.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

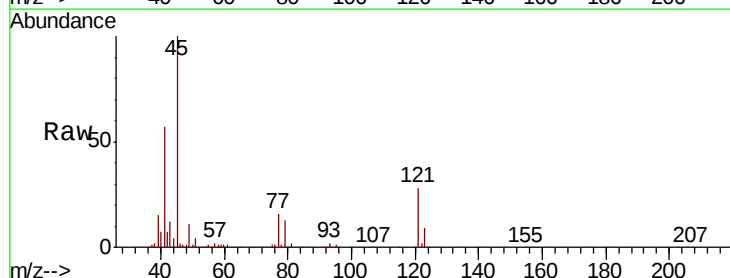
Tgt Ion: 45 Resp: 602664

Ion Ratio Lower Upper

45 100

77 15.6 0.0 33.4

79 12.7 0.0 31.1

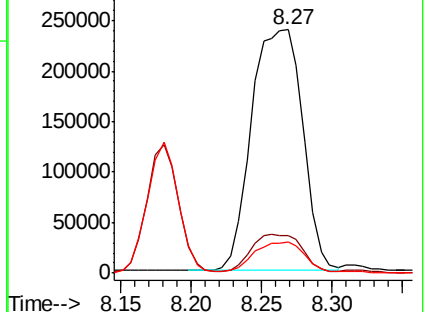
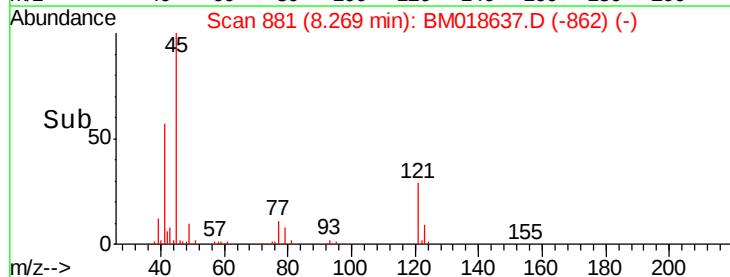


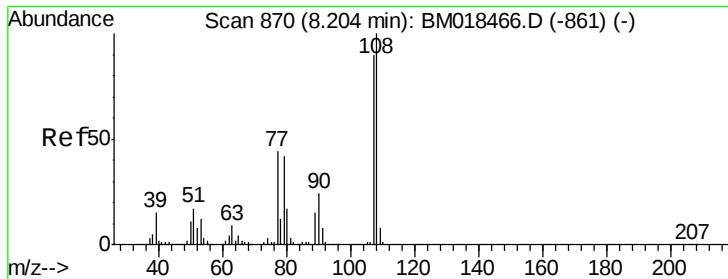
Abundance Ion 45.00 (44.70 to 45.70): BM018466.D (-875) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-875) (-)

Ion 79.00 (78.70 to 79.70): BM018466.D (-875) (-)

Time-->

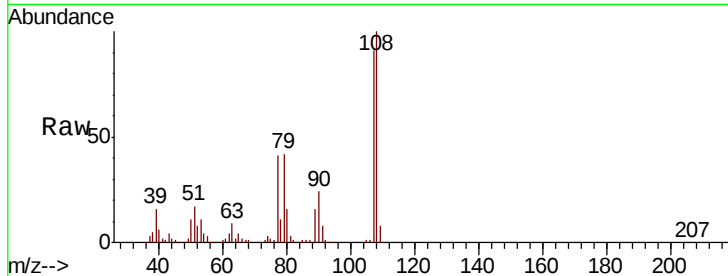




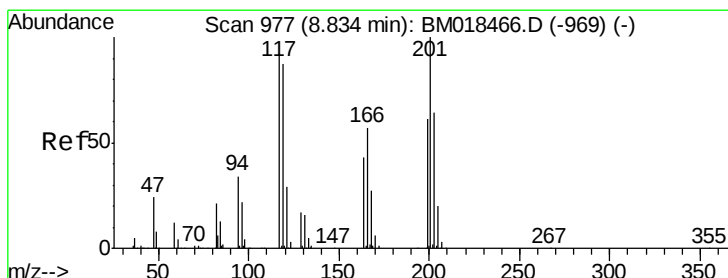
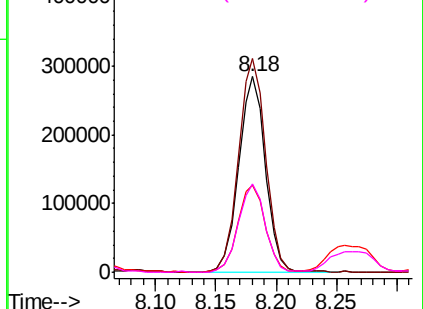
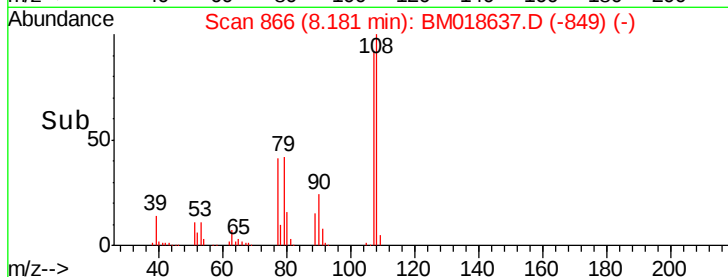
#17
2-Methylphenol
Concen: 40.381 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion:	107	Resp:	437809
Ion	Ratio	Lower	Upper
107	100		
108	109.3	87.5	131.3
77	44.9	37.3	55.9
79	45.5	36.4	54.6

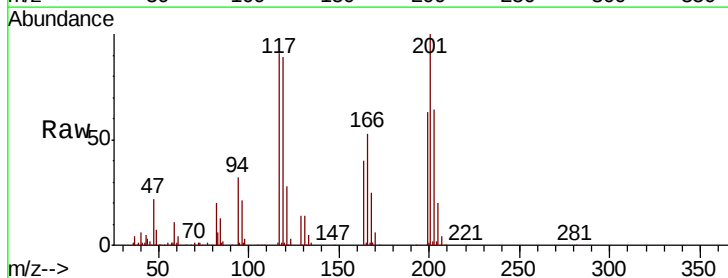


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

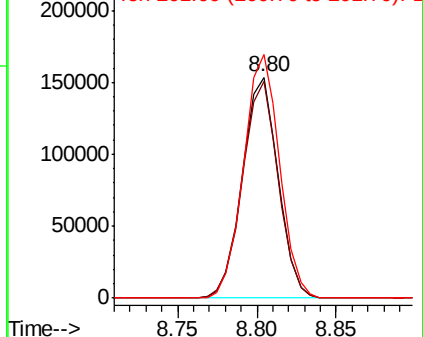
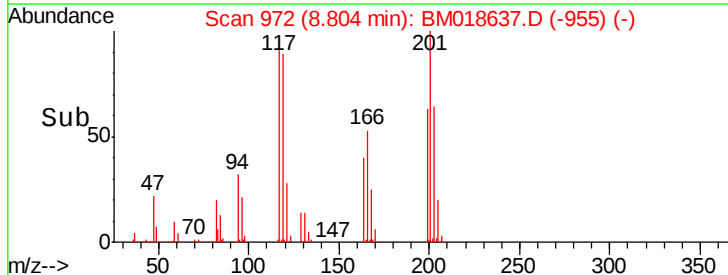


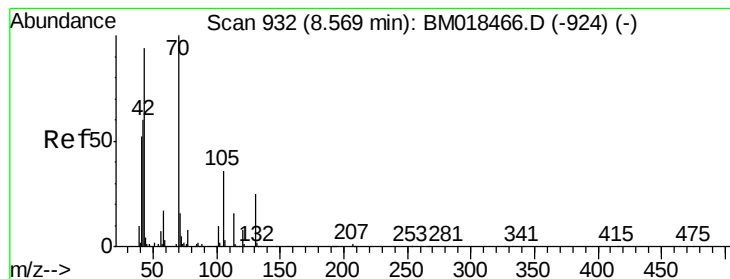
#18
Hexachloroethane
Concen: 38.719 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion:	117	Resp:	240847
Ion	Ratio	Lower	Upper
117	100		
119	98.3	78.3	117.5
201	110.4	81.4	122.0



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: 36.876 ng

RT: 8.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

Tot Ion: 70 Resp: 377204

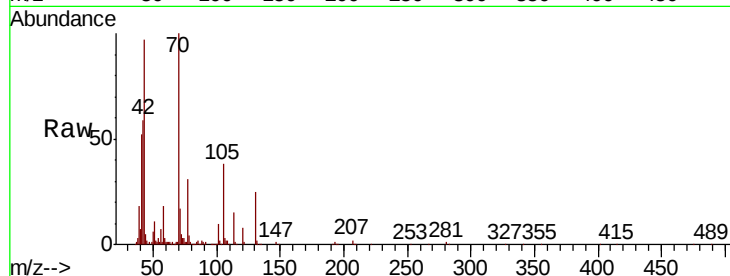
Ion Ratio Lower Upper

70 100

42 59.2 54.0 81.0

101 10.5 8.1 12.1

130 25.5 17.8 26.6

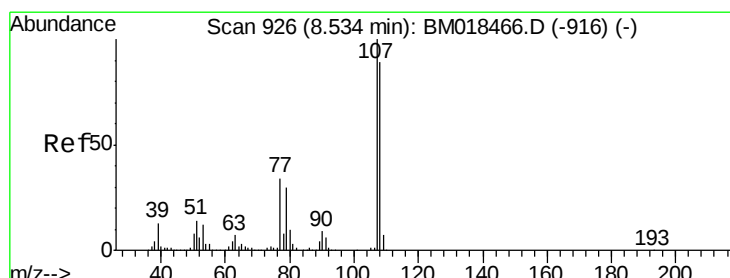
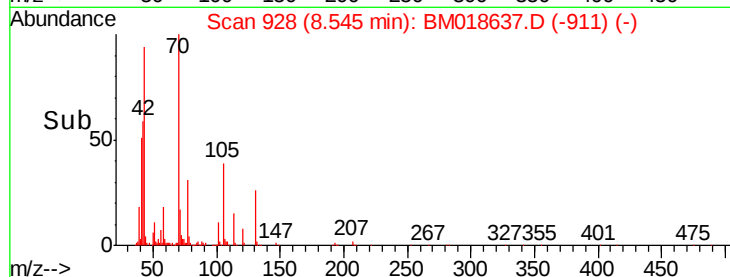
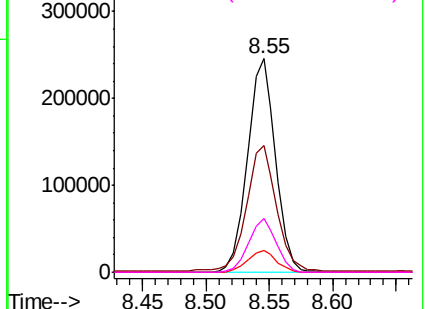


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 38.868 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Tgt Ion:107 Resp: 581734

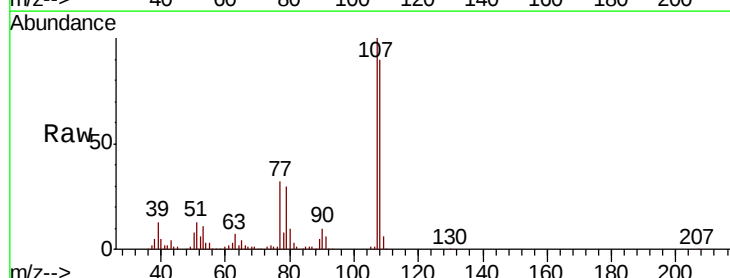
Ion Ratio Lower Upper

107 100

108 89.9 66.8 106.8

77 32.4 13.3 53.3

79 30.2 8.8 48.8

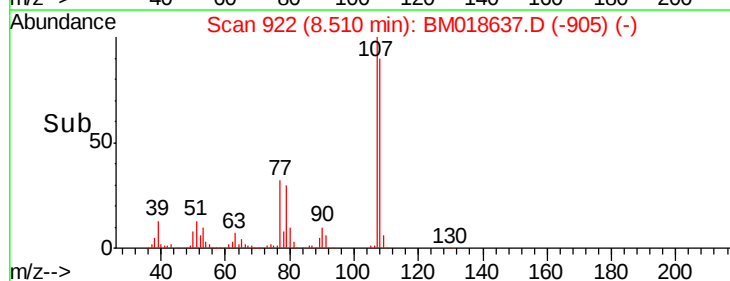
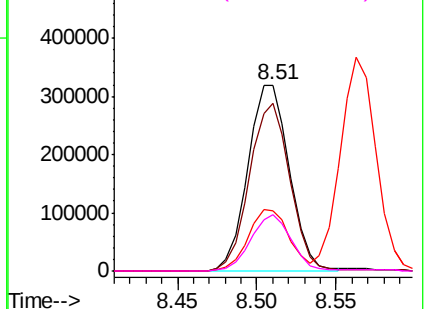


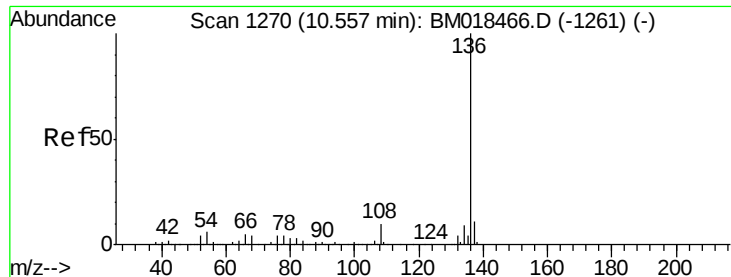
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.53 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

Tot Ion:136 Resp: 866561

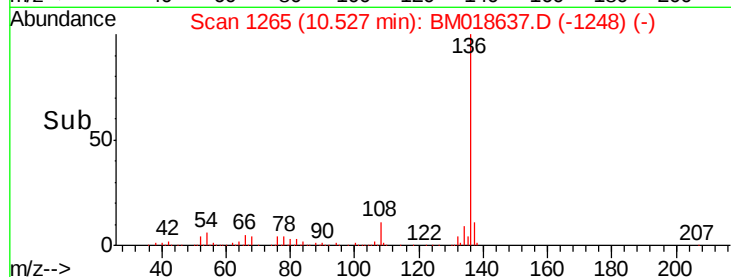
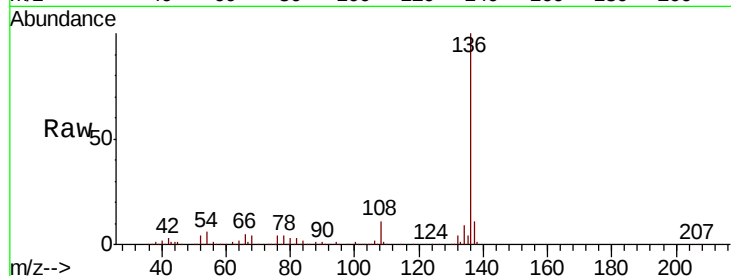
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.5 6.0 9.0

68 4.3 4.5 6.7#

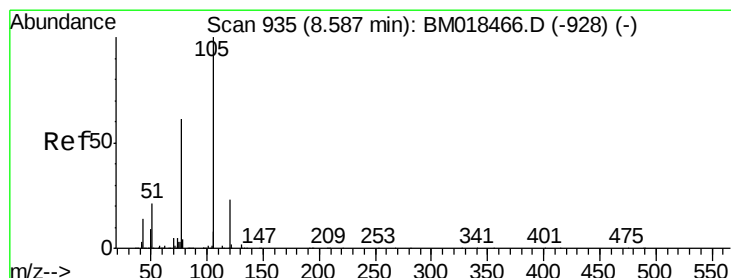
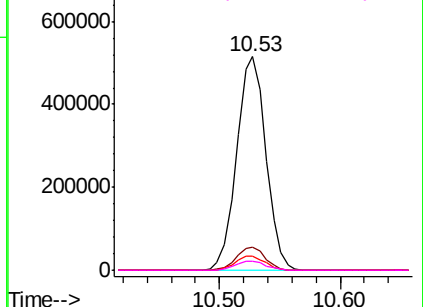


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.285 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Tgt Ion:105 Resp: 777828

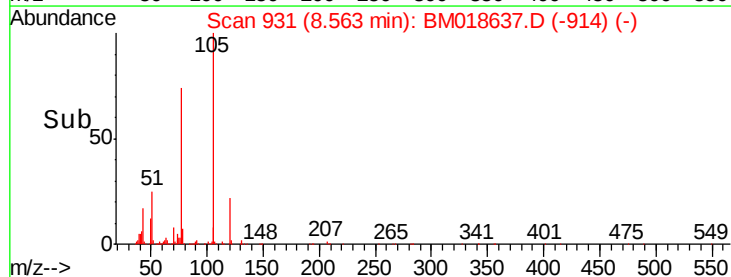
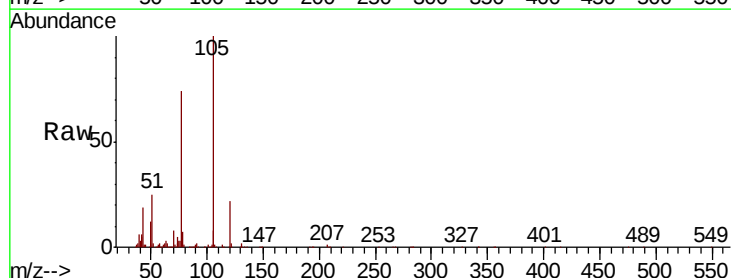
Ion Ratio Lower Upper

105 100

71 1.4 1.7 2.5#

51 25.2 22.6 34.0

120 22.2 18.3 27.5

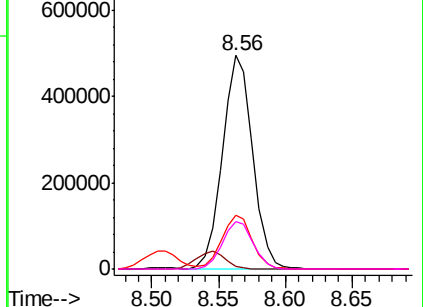


Abundance Ion 105.00 (104.70 to 105.70): E

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



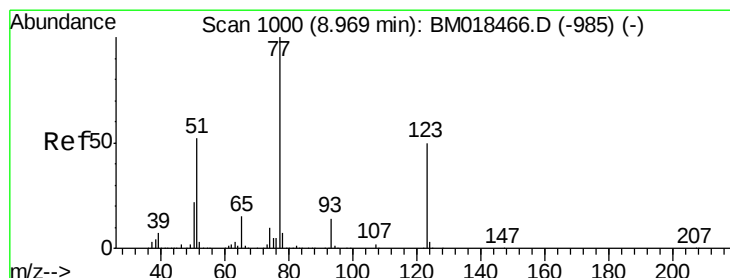
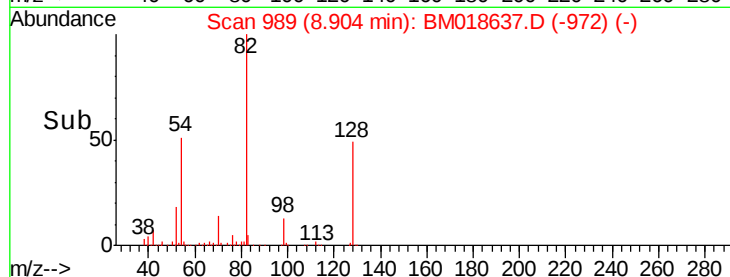
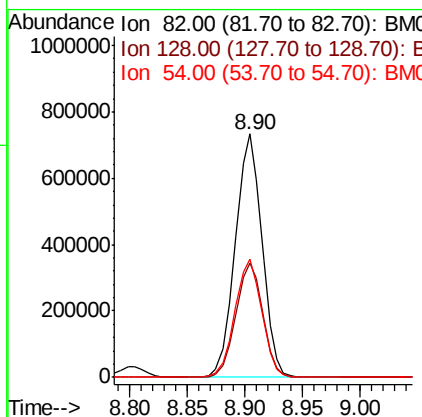
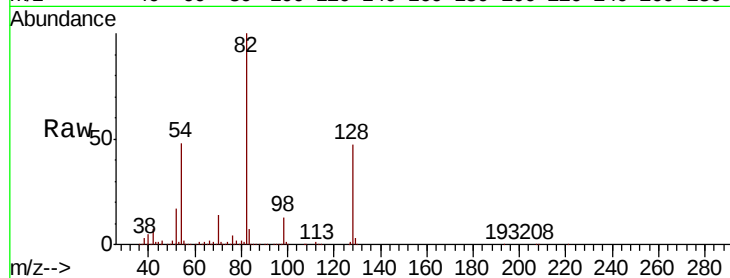


#23
 Nitrobenzene-d5
 Concen: 78.855 ng
 RT: 8.90 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BM018637.D
 Acq: 18 Jan 2019 15:13

Instrument :
 BNA_M
 ClientSampleID :
 PB116472BS

Tot Ion: 82 Resp: 1178734

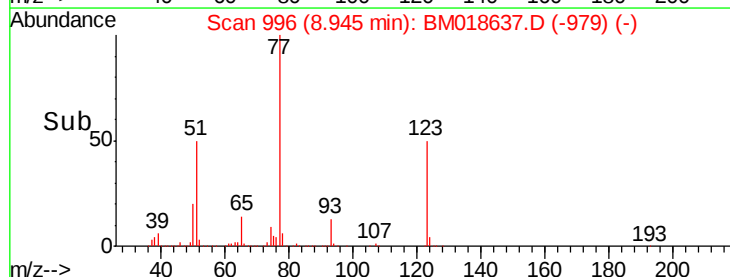
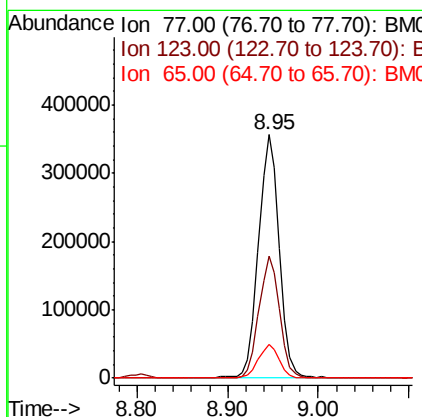
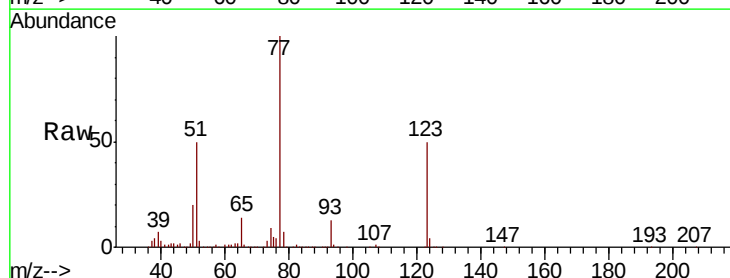
Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.3	54.5
54	48.4	41.7	62.5

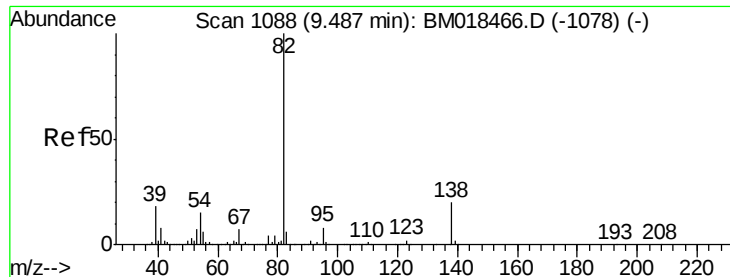


#24
 Nitrobenzene
 Concen: 38.188 ng
 RT: 8.95 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BM018637.D
 Acq: 18 Jan 2019 15:13

Tgt Ion: 77 Resp: 561671

Ion	Ratio	Lower	Upper
77	100		
123	50.4	37.7	56.5
65	13.9	11.0	16.6





#25

Isophorone

Concen: 43.995 ng

RT: 9.46 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

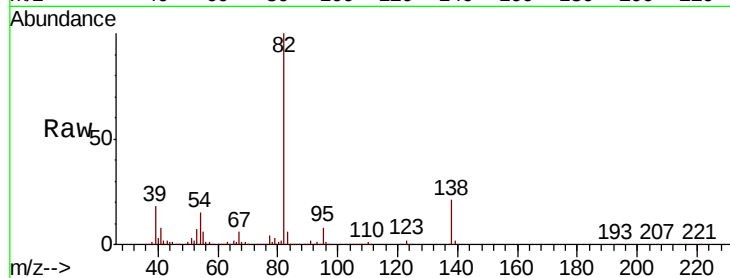
Tot Ion: 82 Resp: 995857

Ion Ratio Lower Upper

82 100

95 7.9 6.1 9.1

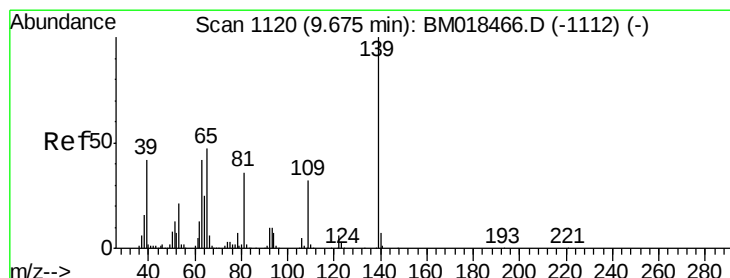
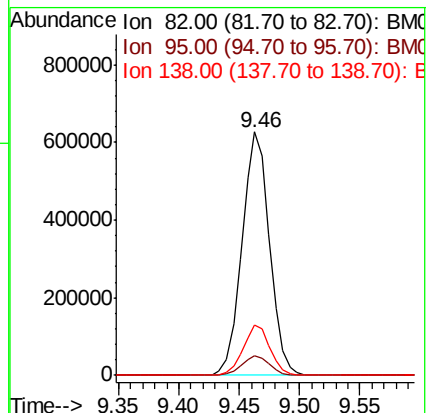
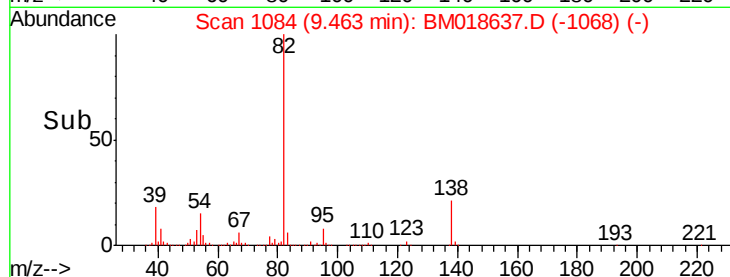
138 20.6 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BM018466.D (-1078) (-)



#26

2-Nitrophenol

Concen: 44.154 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

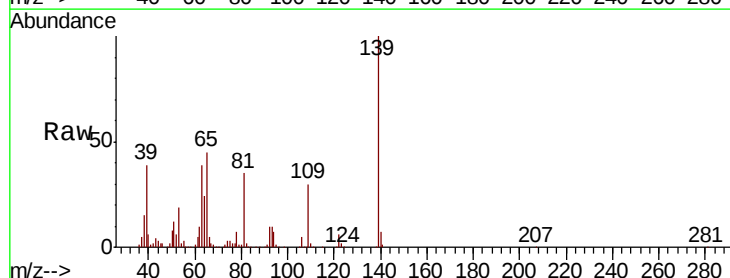
Tgt Ion: 139 Resp: 314017

Ion Ratio Lower Upper

139 100

109 29.8 23.4 35.2

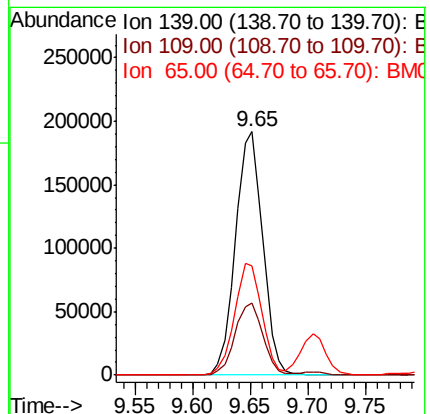
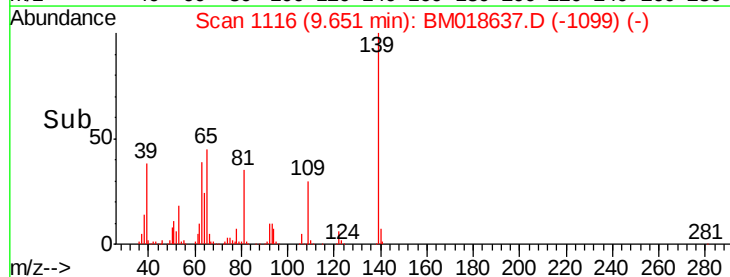
65 45.1 39.4 59.2

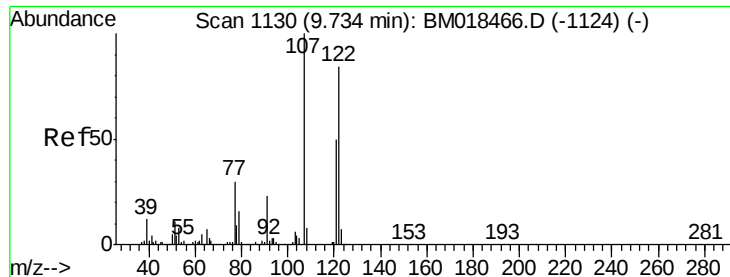


Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM018466.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-1112) (-)





#27

2,4-Dimethylphenol

Concen: 45.393 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

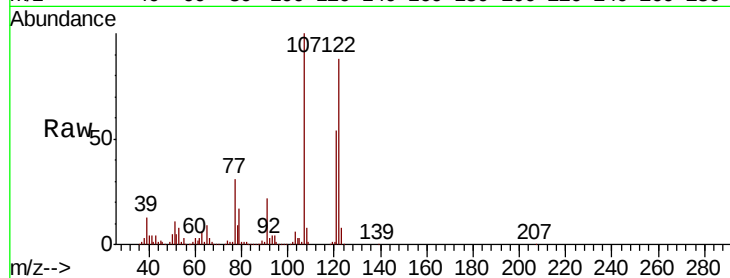
Tot Ion:122 Resp: 483884

Ion Ratio Lower Upper

122 100

107 114.2 91.9 137.9

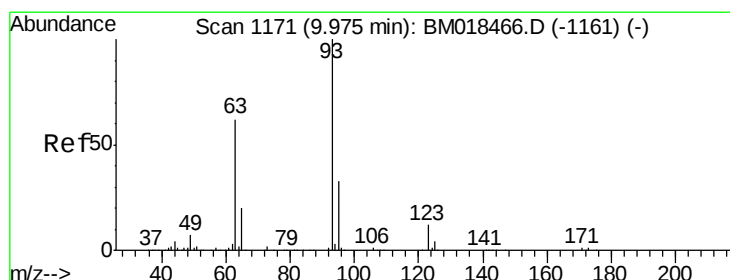
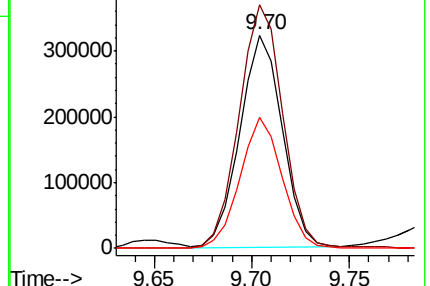
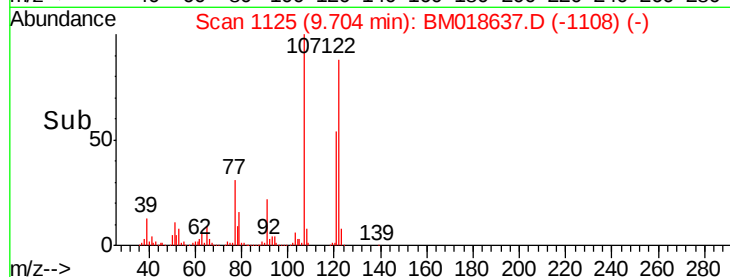
121 61.5 47.5 71.3



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: 39.830 ng

RT: 9.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

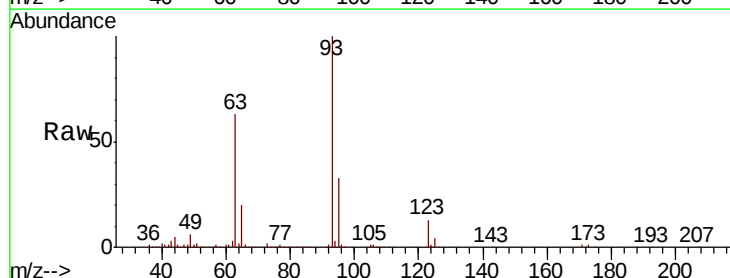
Tgt Ion: 93 Resp: 622835

Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

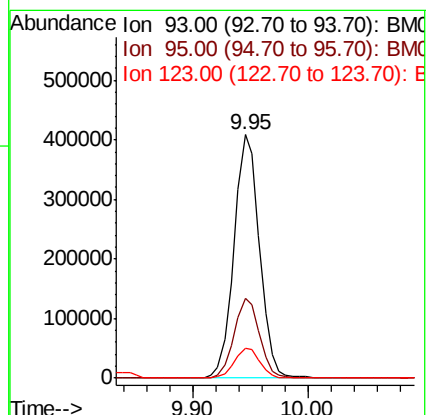
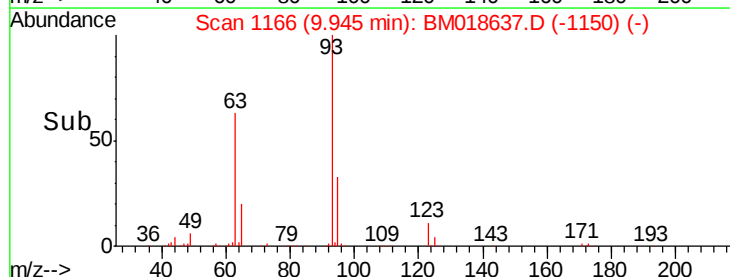
123 12.5 9.9 14.9



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

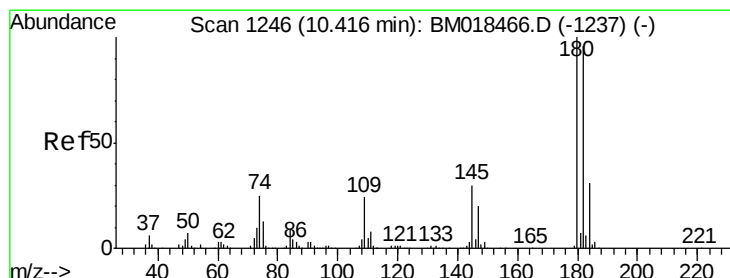
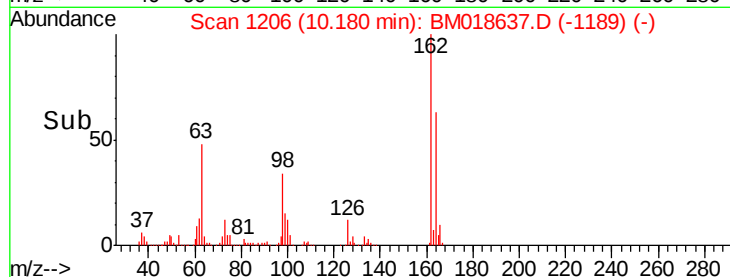
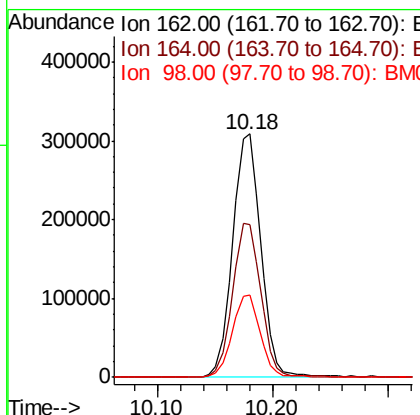
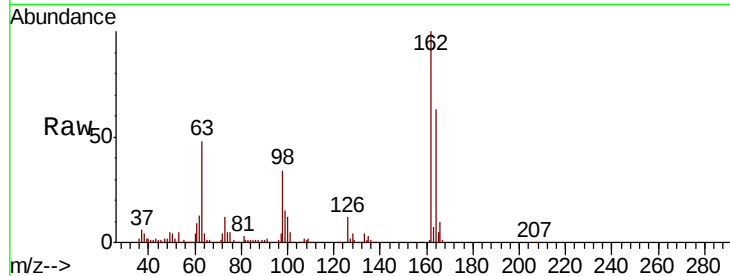




#29
 2,4-Dichlorophenol
 Concen: 41.314 ng
 RT: 10.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BM018637.D
 Acq: 18 Jan 2019 15:13

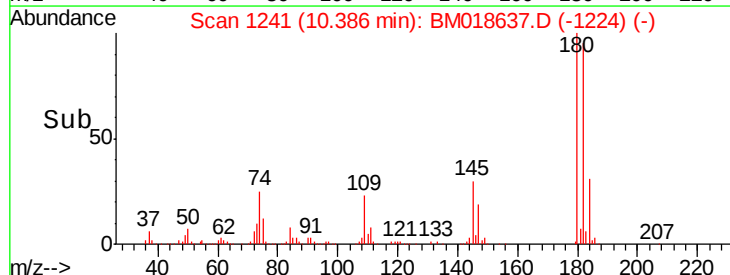
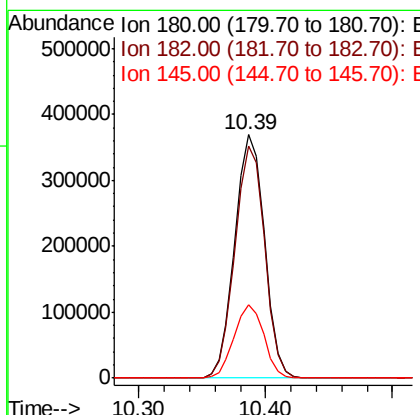
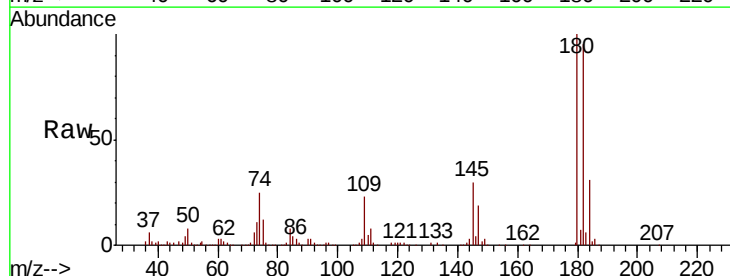
Instrument :
 BNA_M
 ClientSampleId :
 PB116472BS

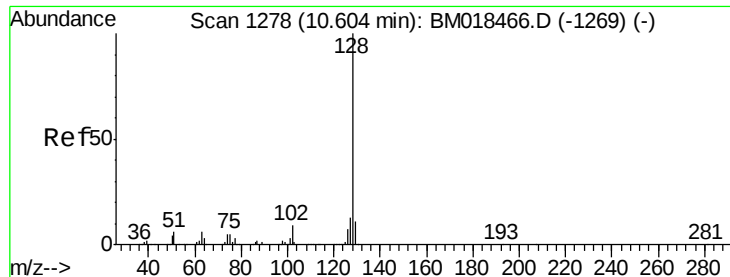
Tot Ion	162	Resp	524411
Ion Ratio	Lower	Upper	
162	100		
164	62.9	45.6	85.6
98	33.7	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 38.069 ng
 RT: 10.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BM018637.D
 Acq: 18 Jan 2019 15:13

Tgt Ion	180	Resp	599788
Ion Ratio	Lower	Upper	
180	100		
182	95.2	77.4	116.2
145	30.0	24.6	37.0

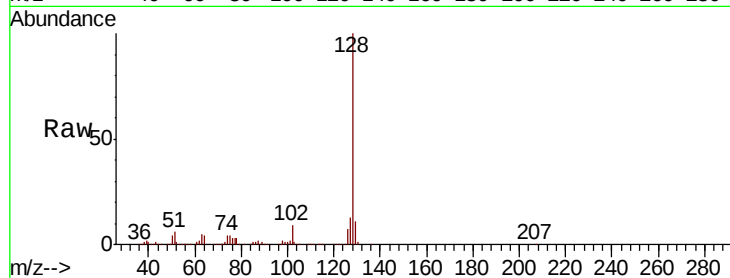




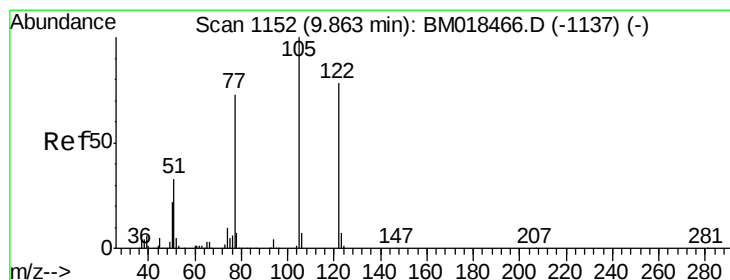
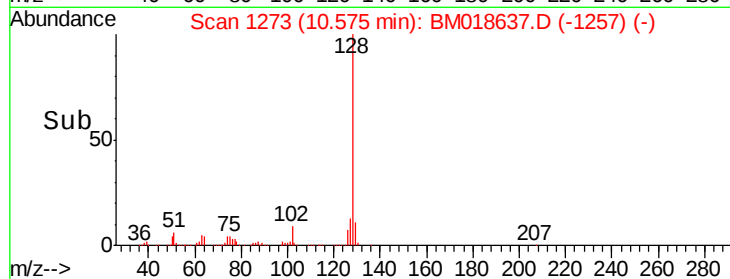
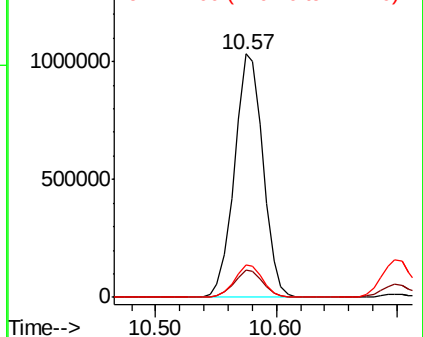
#31
Naphthalene
Concen: 40.820 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion:128 Resp: 1703564
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.2 10.8 16.2

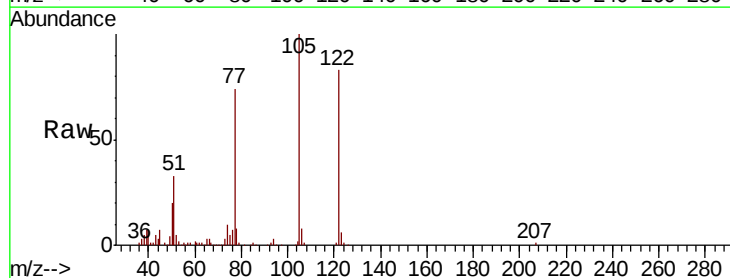


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

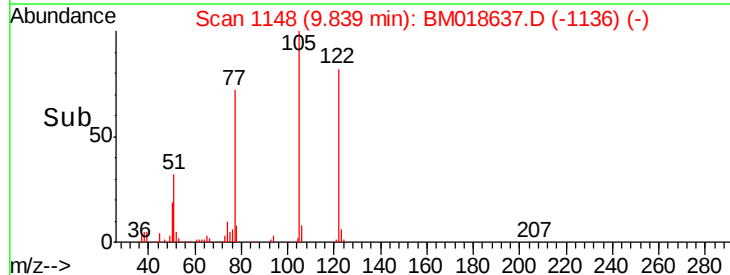
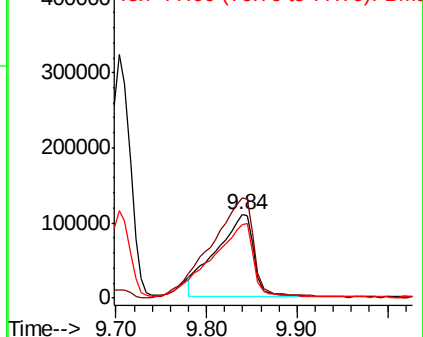


#32
Benzoic acid
Concen: 45.510 ng
RT: 9.84 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion:122 Resp: 323835
Ion Ratio Lower Upper
122 100
105 120.4 100.4 140.4
77 88.7 71.7 111.7



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

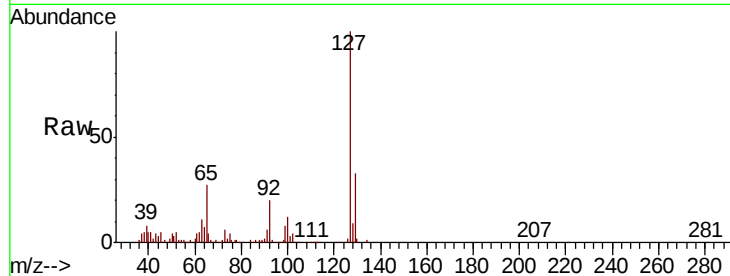




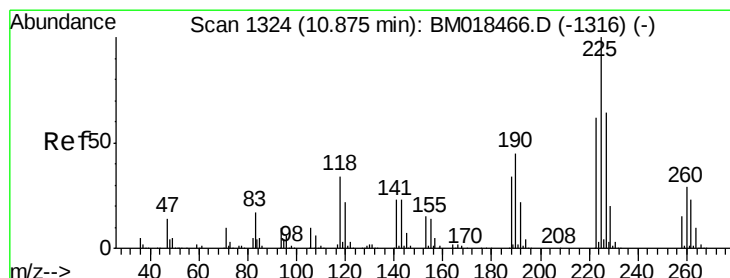
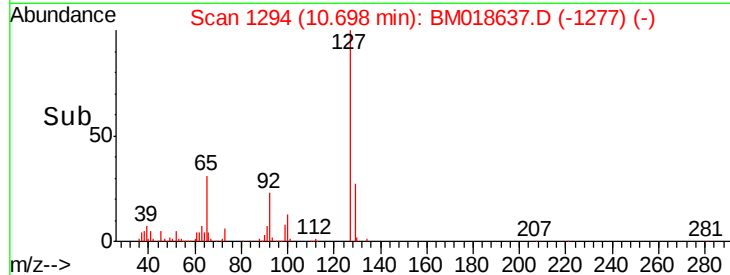
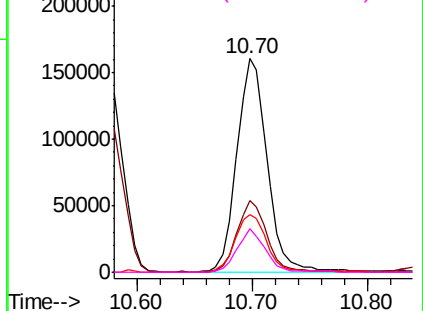
#33
4-Chloroaniline
Concen: 17.584 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion:127	Resp:	289016
Ion Ratio	Lower	Upper
127	100	
129	33.3	25.9 38.9
65	27.1	23.4 35.2
92	20.3	14.5 21.7

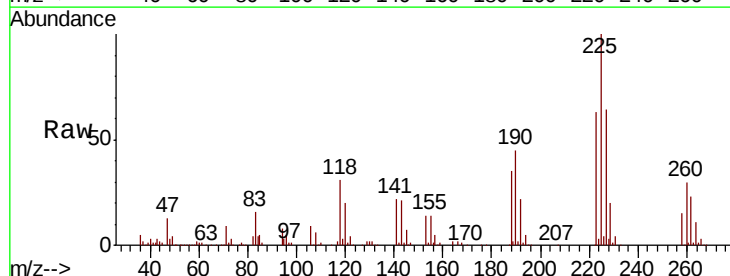


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

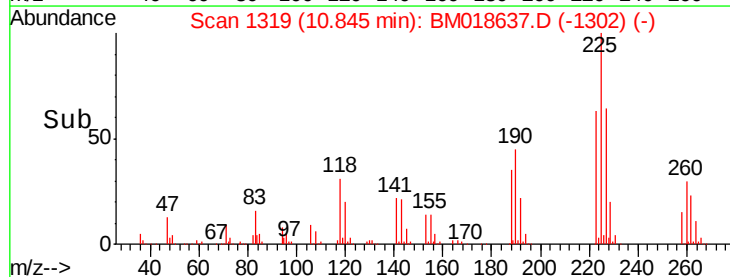
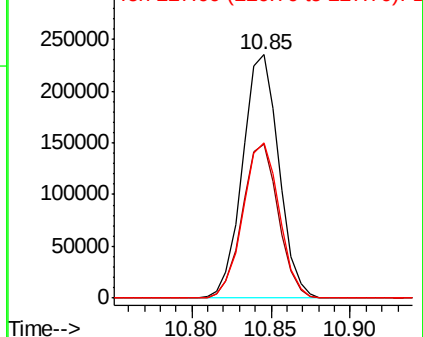


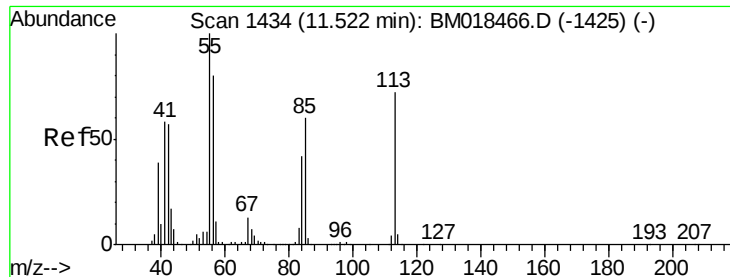
#34
Hexachlorobutadiene
Concen: 37.539 ng
RT: 10.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion:225	Resp:	373641
Ion Ratio	Lower	Upper
225	100	
223	63.0	50.8 76.2
227	63.9	50.4 75.6



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: 34.777 ng

RT: 11.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

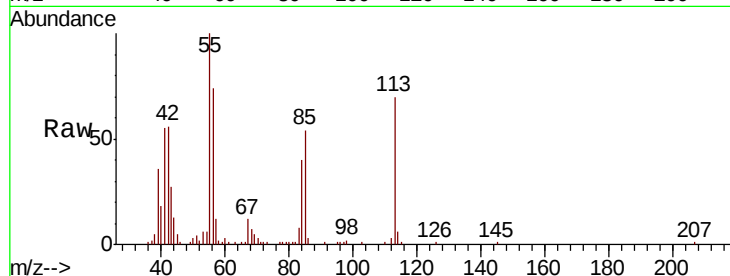
Tot Ion:113 Resp: 150084

Ion Ratio Lower Upper

113 100

55 142.0 139.3 179.3

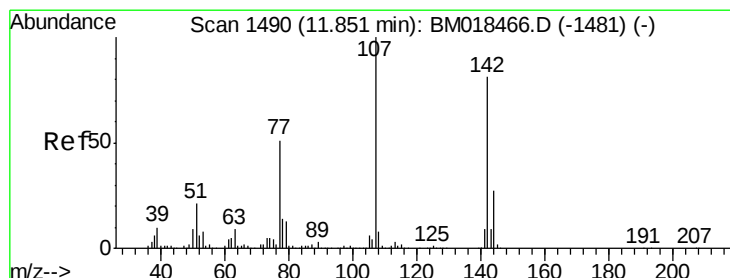
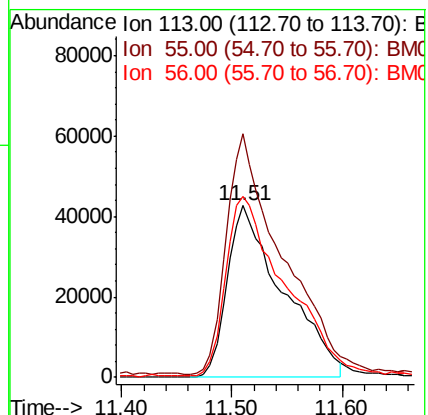
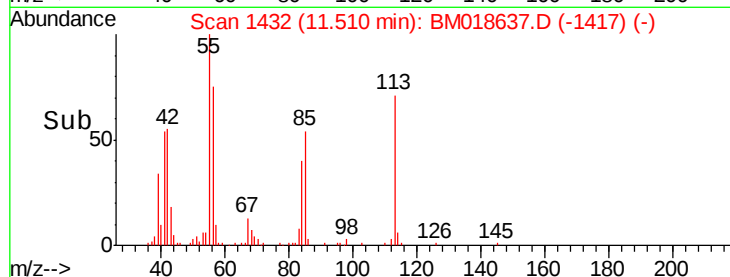
56 105.5 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 38.728 ng

RT: 11.82 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

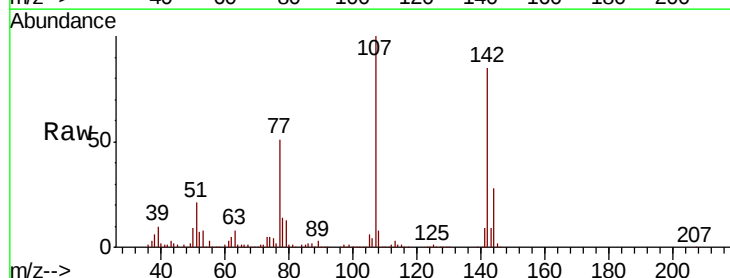
Tgt Ion:107 Resp: 515735

Ion Ratio Lower Upper

107 100

144 27.5 21.9 32.9

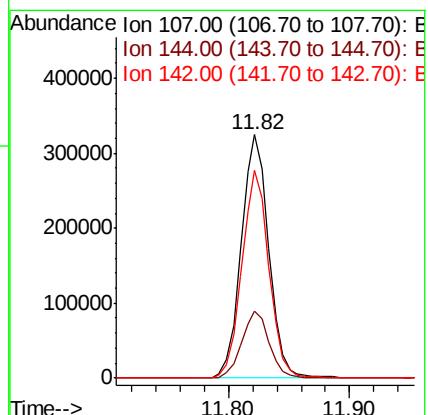
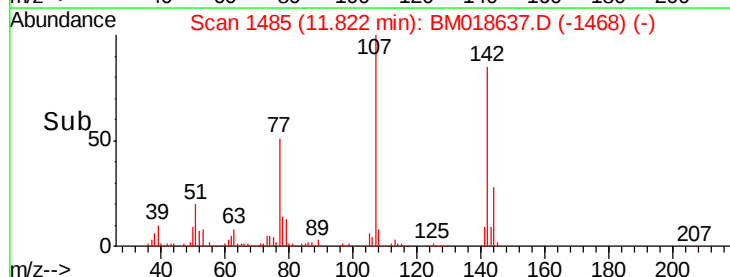
142 85.2 67.9 101.9

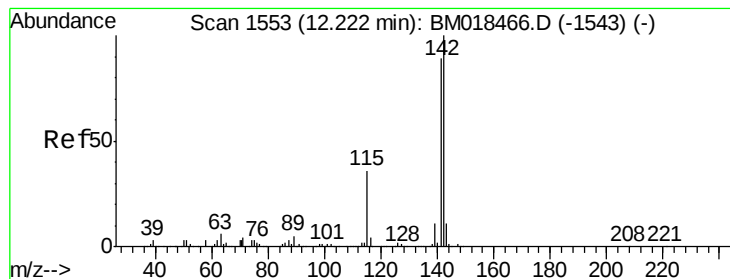


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.549 ng

RT: 12.19 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

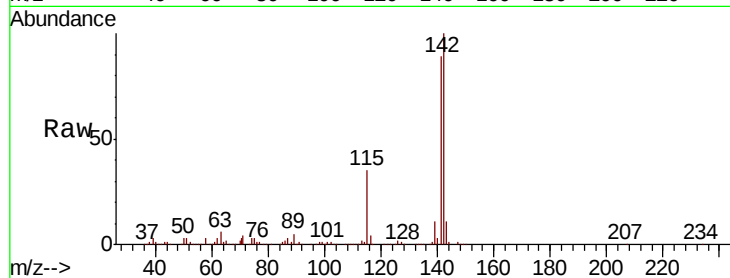
Tot Ion:142 Resp: 1225123

Ion Ratio Lower Upper

142 100

141 89.5 71.4 107.2

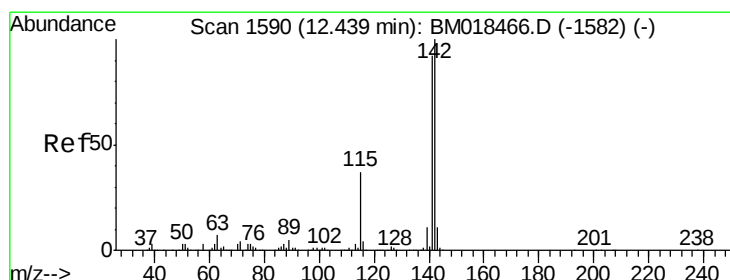
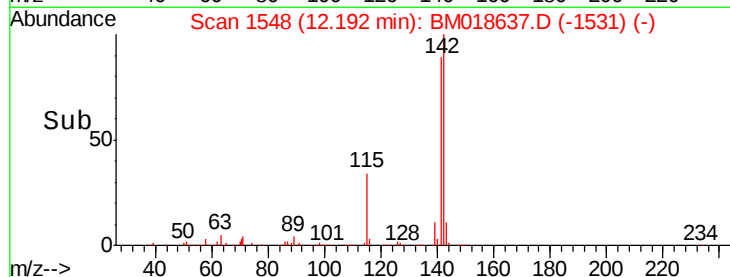
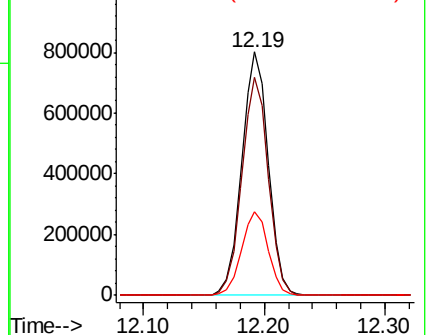
115 34.5 28.0 42.0



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: 40.370 ng

RT: 12.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

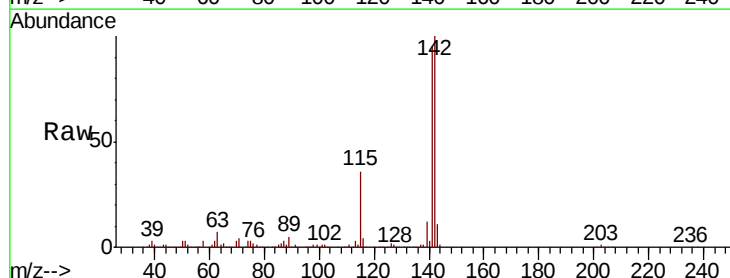
Tgt Ion:142 Resp: 1151761

Ion Ratio Lower Upper

142 100

141 94.5 75.6 113.4

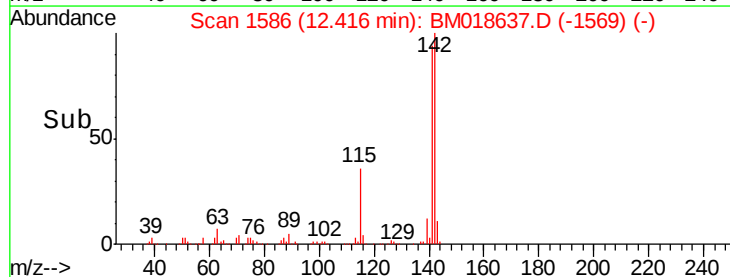
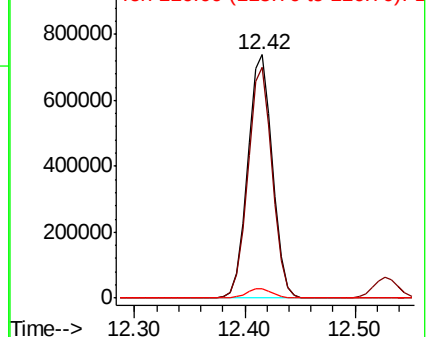
116 3.8 3.0 4.6

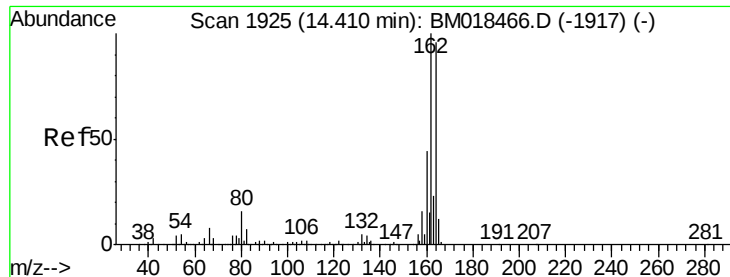


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.39 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

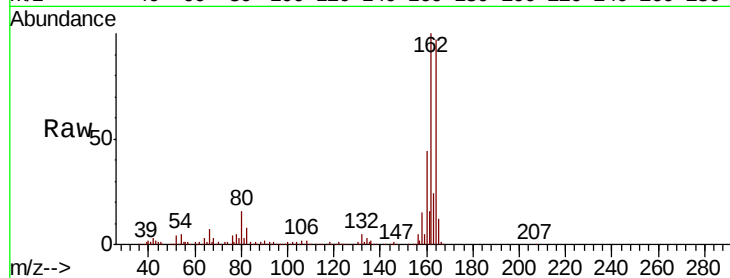
Tot Ion:164 Resp: 460456

Ion Ratio Lower Upper

164 100

162 103.3 83.0 124.4

160 45.7 37.1 55.7

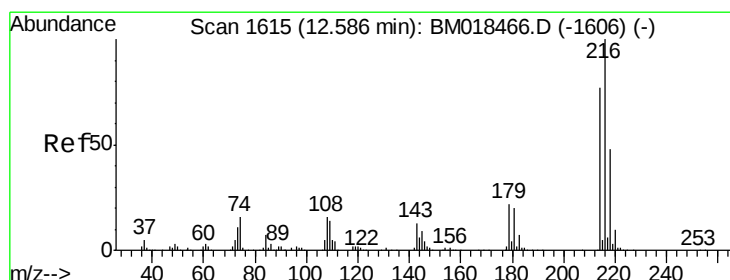
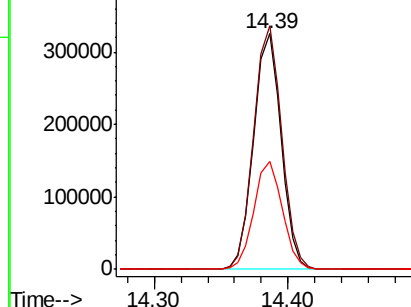
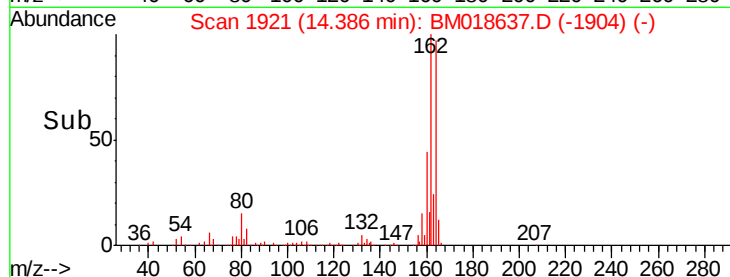


Abundance

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: 39.360 ng

RT: 12.56 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Tgt Ion:216 Resp: 633780

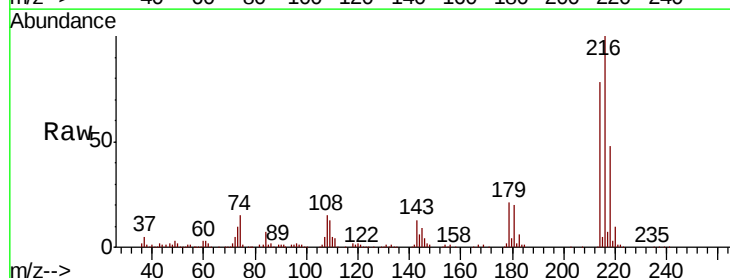
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.0

179 21.7 17.9 26.9

108 19.6 15.8 23.6



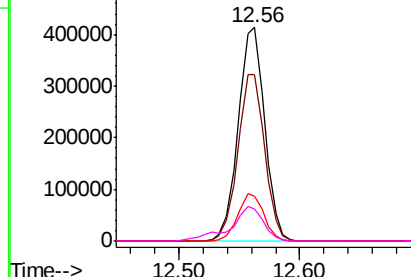
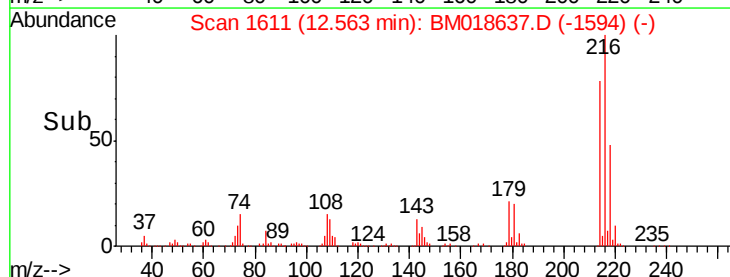
Abundance

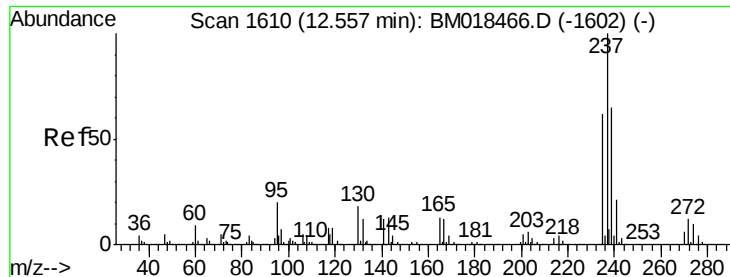
Ion 216.00 (215.70 to 216.70): E

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: 93.037 ng

RT: 12.53 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

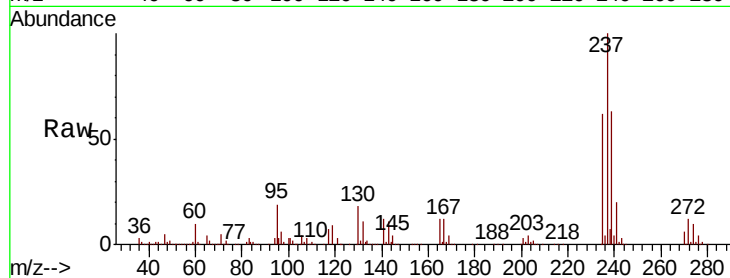
Tot Ion:237 Resp: 822189

Ion Ratio Lower Upper

237 100

235 62.0 42.8 82.8

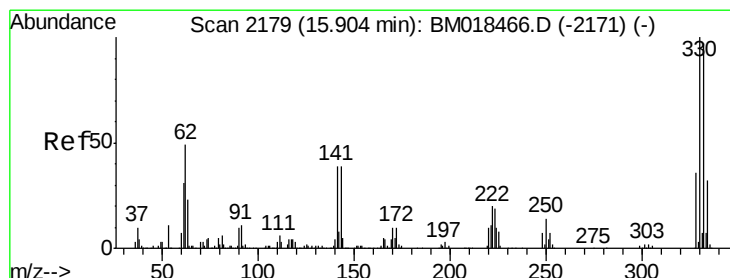
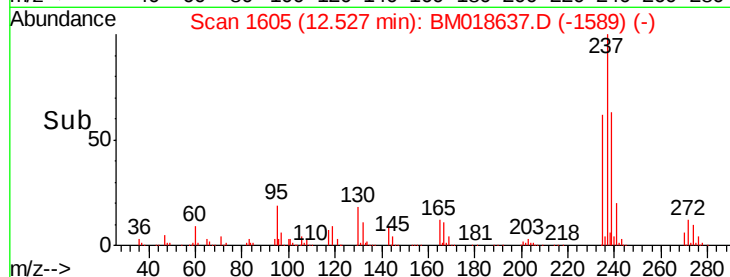
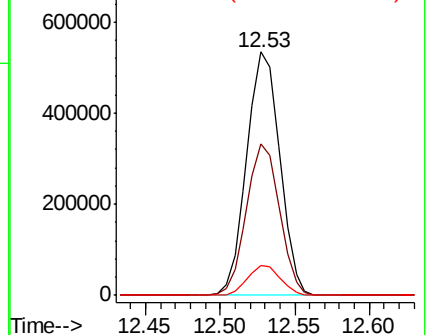
272 12.1 0.0 31.9



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: 141.268 ng

RT: 15.88 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

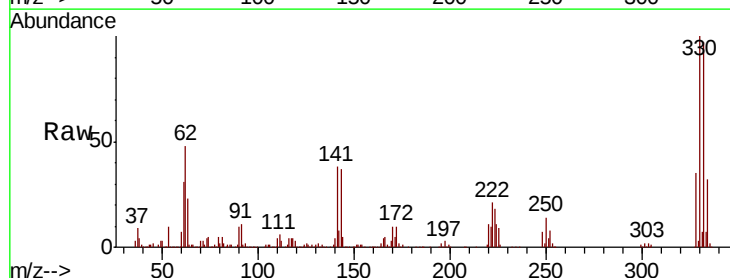
Tgt Ion:330 Resp: 828238

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

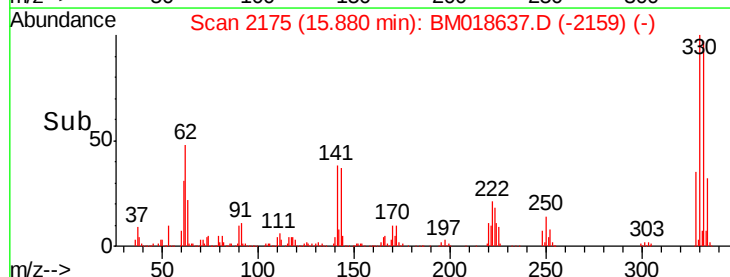
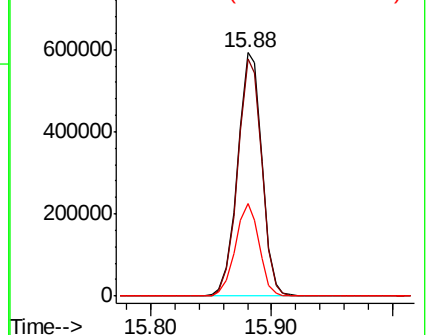
141 37.5 31.7 47.5

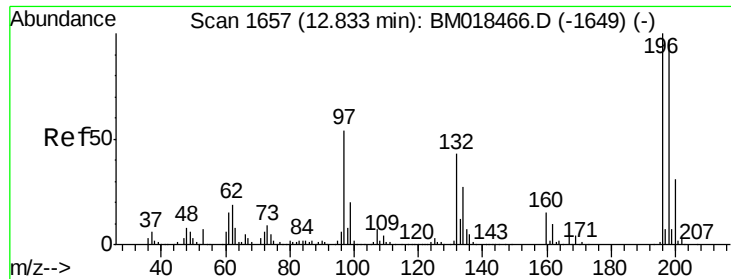


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

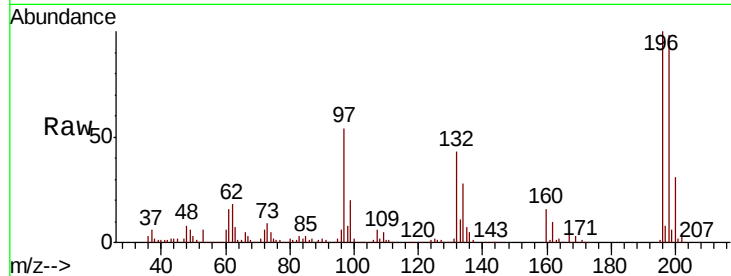




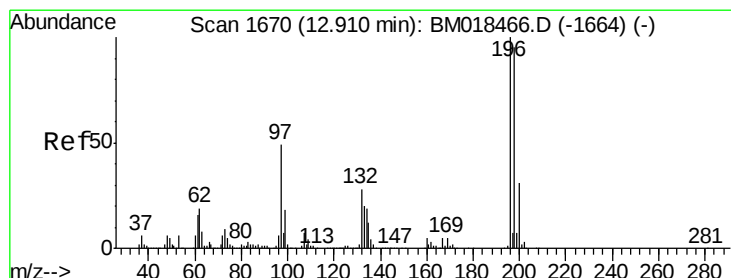
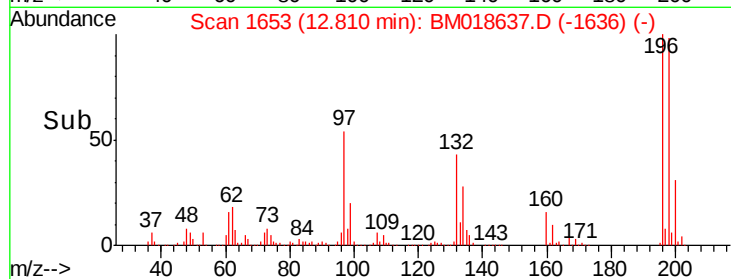
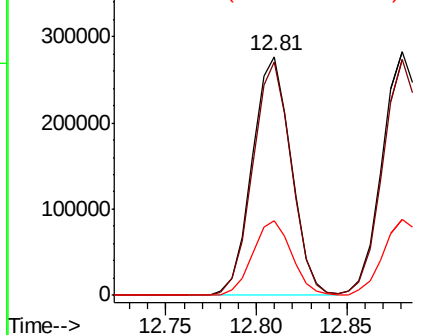
#43
 2,4,6-Trichlorophenol
 Concen: 42.427 ng
 RT: 12.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BM018637.D
 Acq: 18 Jan 2019 15:13

Instrument :
 BNA_M
 ClientSampleId :
 PB116472BS

Tot Ion:196 Resp: 414854
 Ion Ratio Lower Upper
 196 100
 198 97.5 76.6 115.0
 200 31.1 24.2 36.4

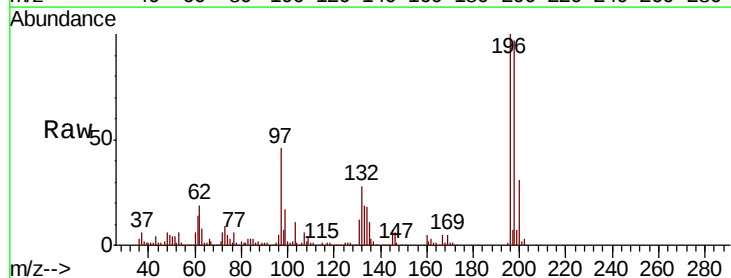


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

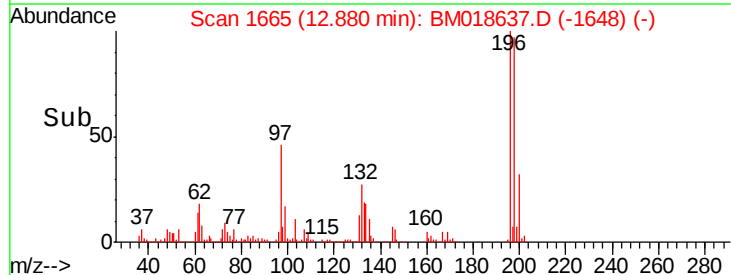
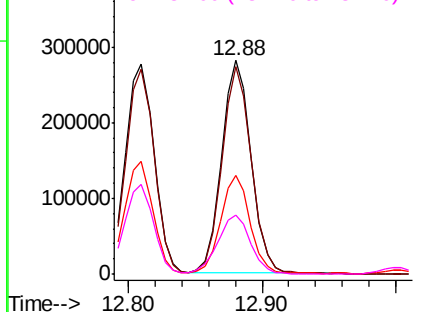


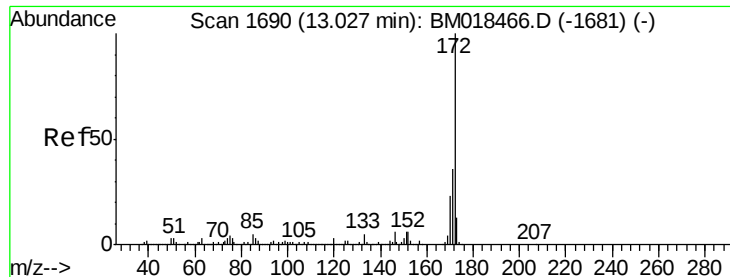
#44
 2,4,5-Trichlorophenol
 Concen: 42.414 ng
 RT: 12.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BM018637.D
 Acq: 18 Jan 2019 15:13

Tgt Ion:196 Resp: 436168
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.7 115.1
 97 46.4 39.2 58.8
 132 27.8 22.3 33.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 79.782 ng

RT: 13.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

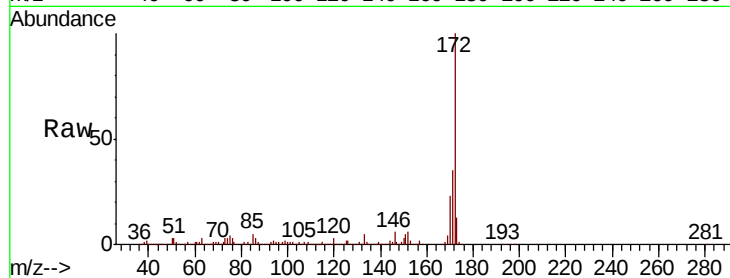
Tot Ion:172 Resp: 2815332

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

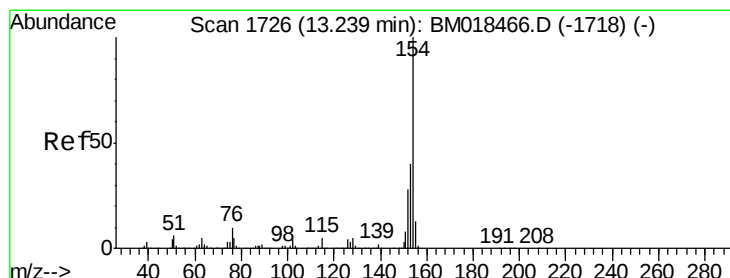
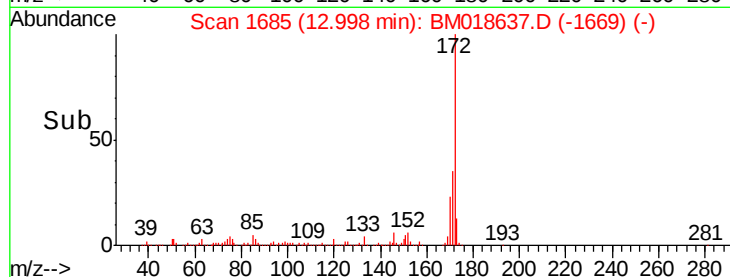
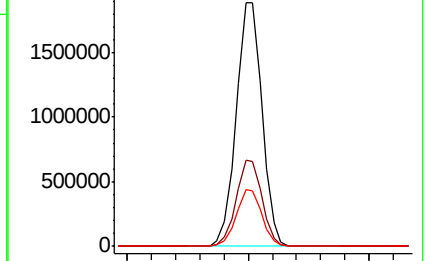
170 23.3 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 37.717 ng

RT: 13.22 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

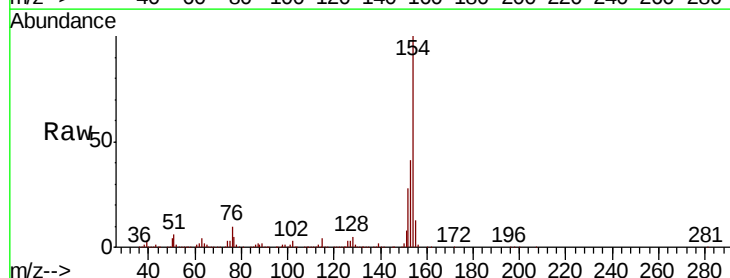
Tgt Ion:154 Resp: 1516420

Ion Ratio Lower Upper

154 100

153 41.1 20.5 60.5

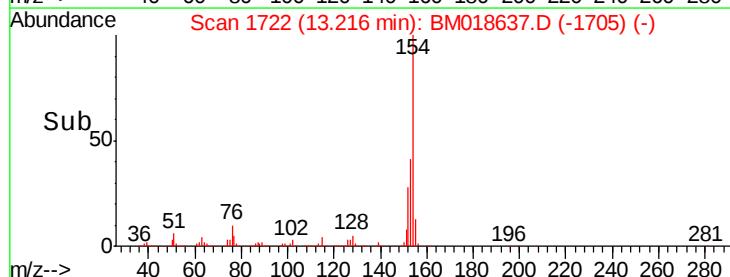
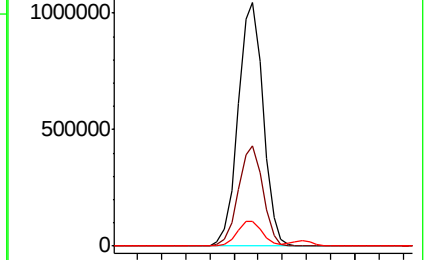
76 10.3 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

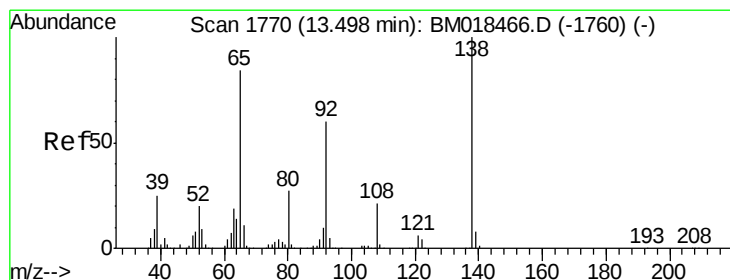
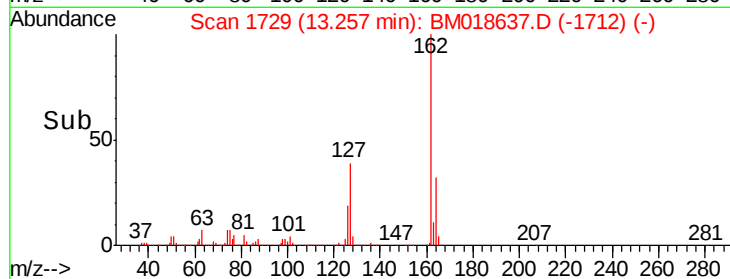
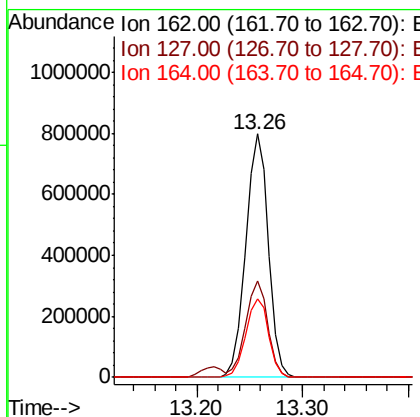
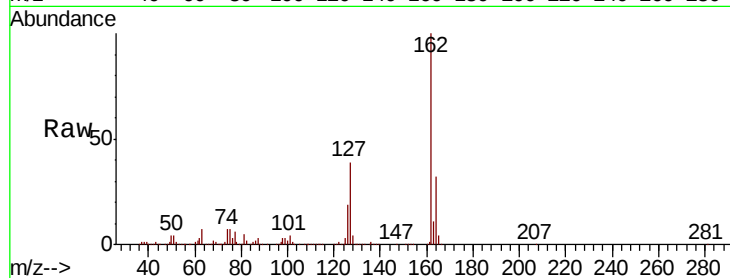




#47
2-Chloronaphthalene
Concen: 37.988 ng
RT: 13.26 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

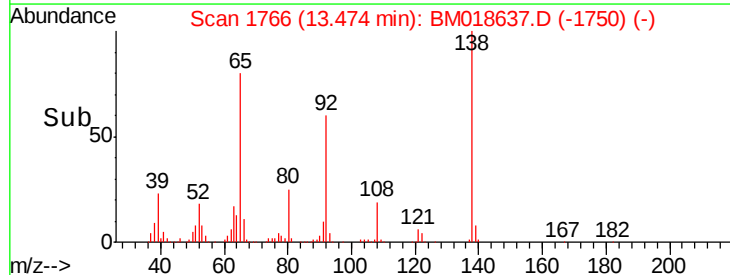
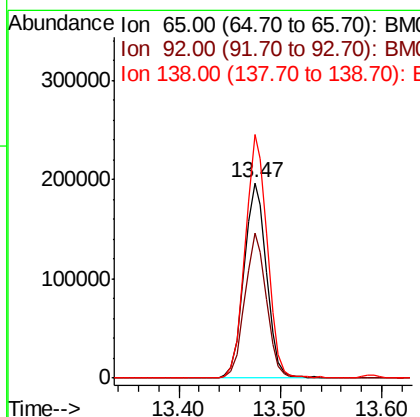
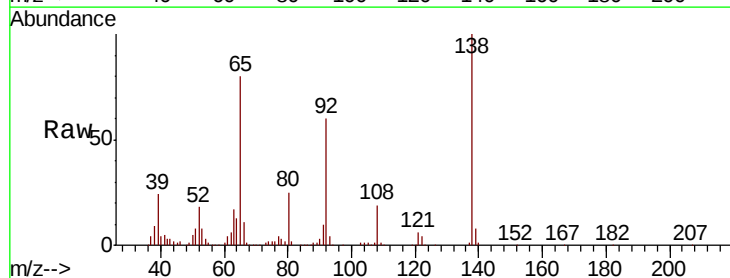
Instrument :
BNA_M
ClientSampleId :
PB116472BS

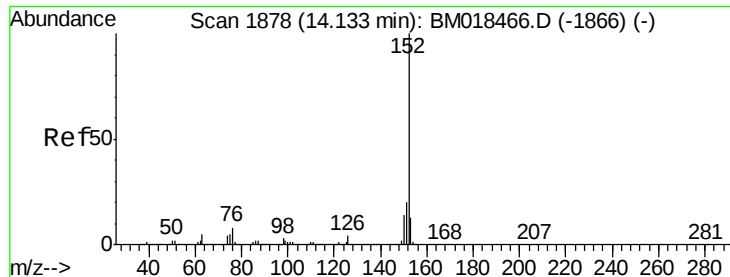
Tot Ion:162 Resp: 1184371
Ion Ratio Lower Upper
162 100
127 39.3 31.4 47.0
164 32.3 26.2 39.4



#48
2-Nitroaniline
Concen: 39.476 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion: 65 Resp: 302795
Ion Ratio Lower Upper
65 100
92 74.4 53.4 80.2
138 124.9 88.9 133.3





#49

Acenaphthylene

Concen: 41.149 ng

RT: 14.11 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

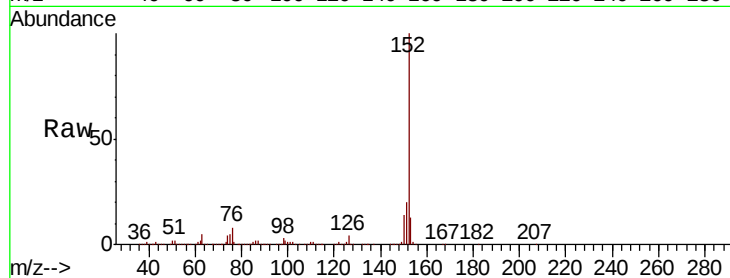
BNA_M

ClientSampleId :

PB116472BS

Tot Ion:152 Resp: 1869586

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.2	10.5	15.7

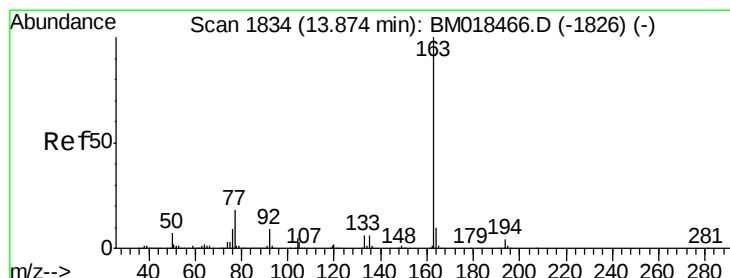
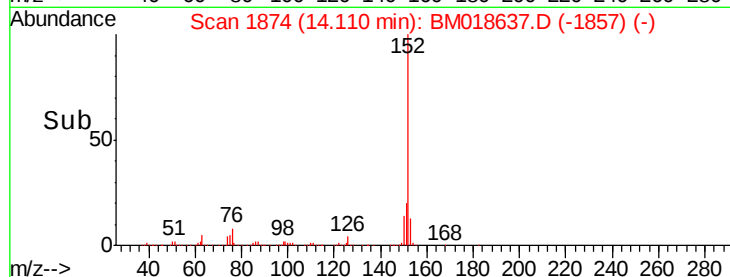
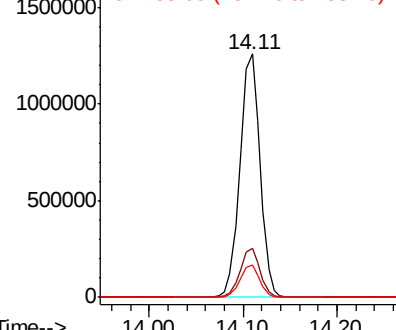


Abundance

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: 37.955 ng

RT: 13.85 min Scan# 1830

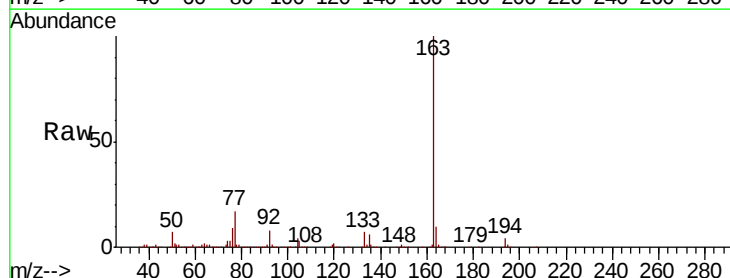
Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Tgt Ion:163 Resp: 1435304

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.8	7.8	11.8

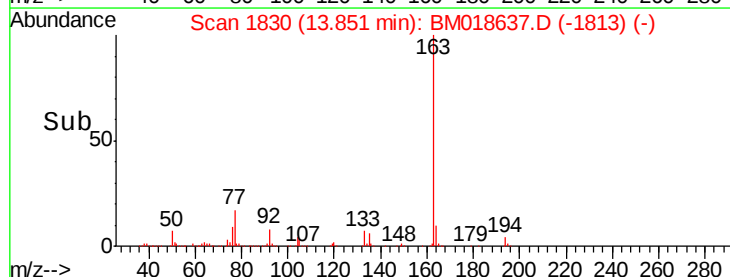
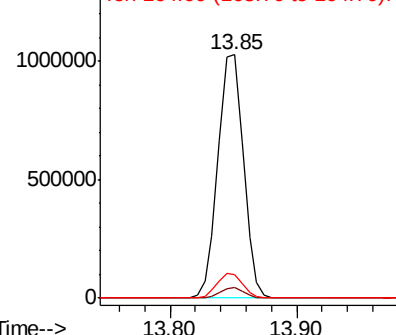


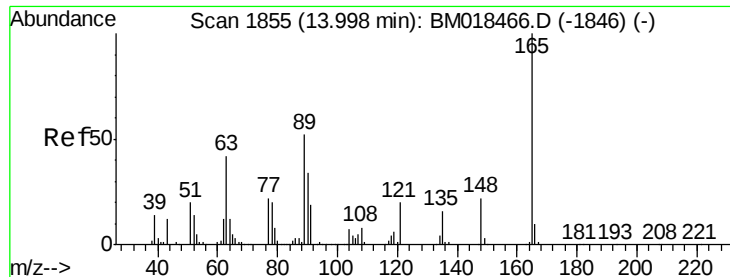
Abundance

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

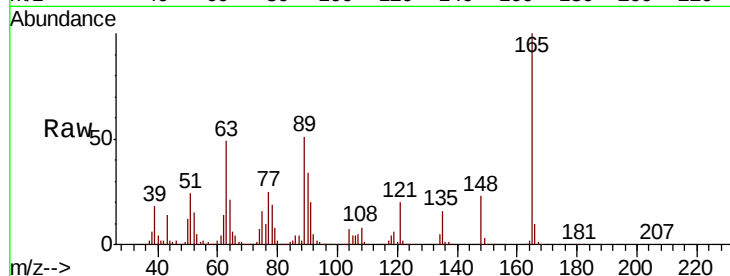




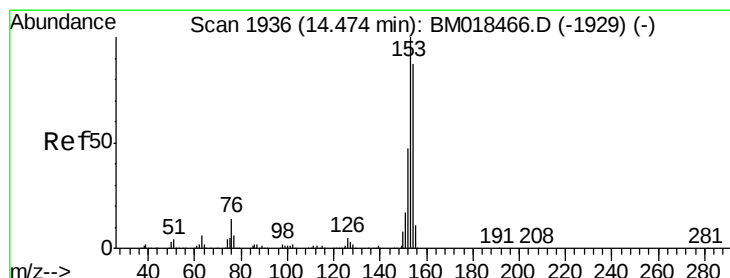
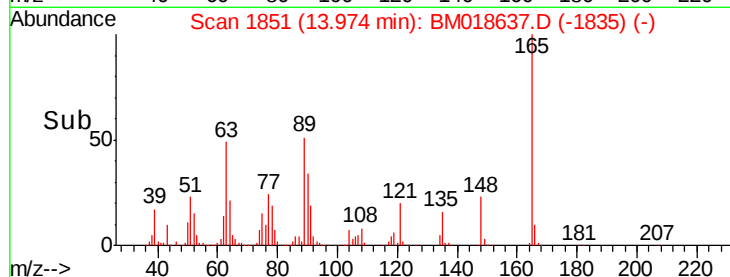
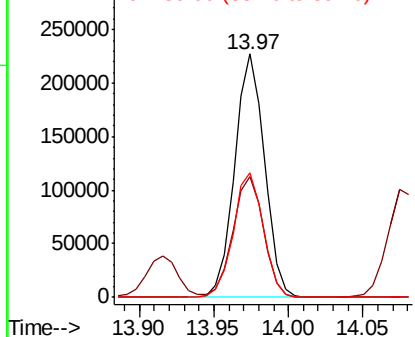
#51
2,6-Dinitrotoluene
Concen: 39.538 ng
RT: 13.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion:165 Resp: 316712
Ion Ratio Lower Upper
165 100
63 49.3 45.6 68.4
89 51.3 44.6 66.8

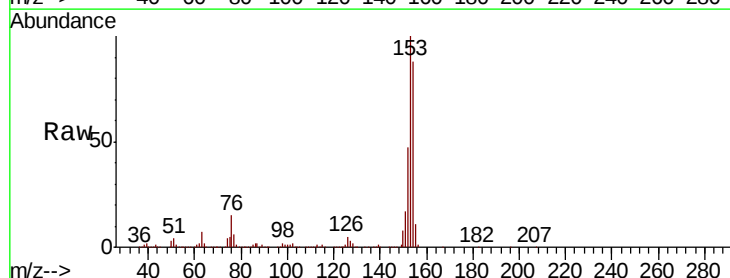


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

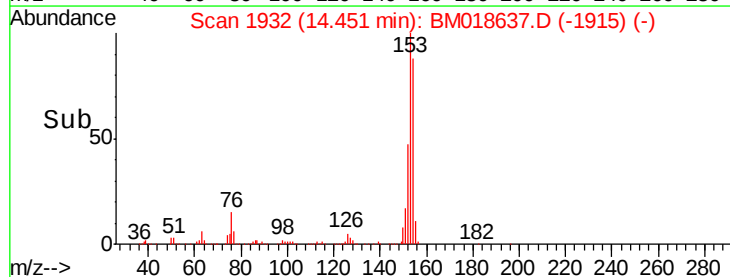
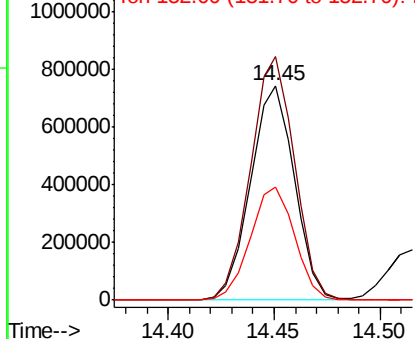


#52
Acenaphthene
Concen: 38.534 ng
RT: 14.45 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion:154 Resp: 1071241
Ion Ratio Lower Upper
154 100
153 113.5 92.3 138.5
152 53.0 43.8 65.6



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

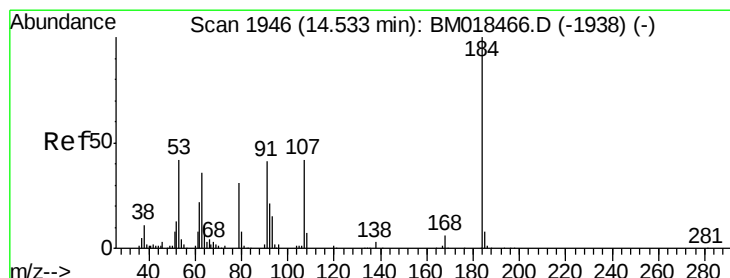
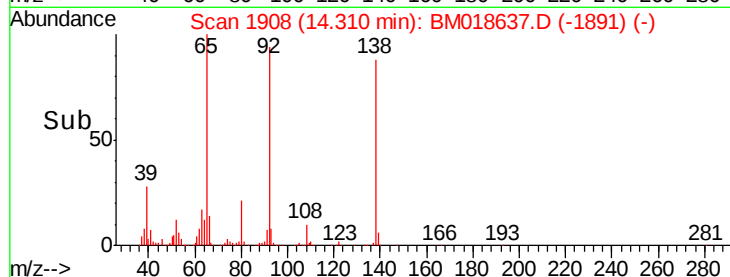
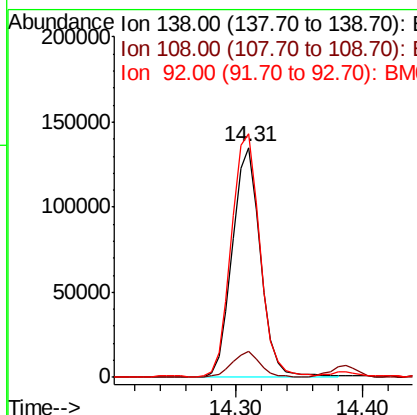
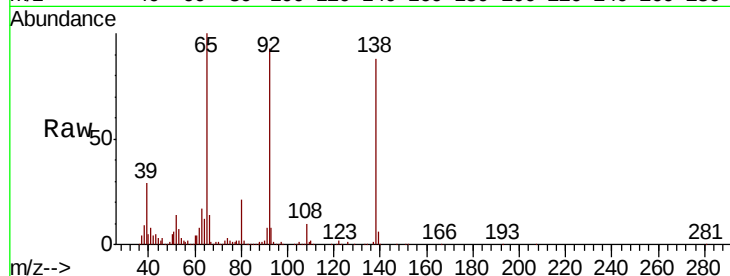




#53
3-Nitroaniline
Concen: 25.641 ng
RT: 14.31 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

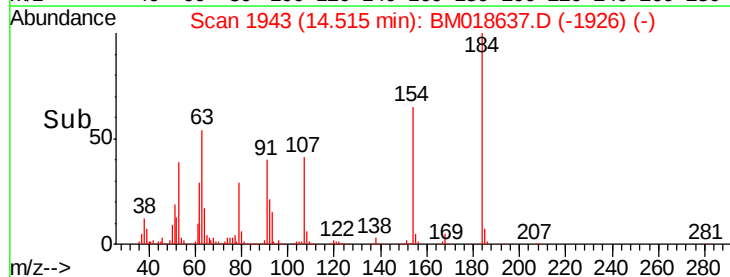
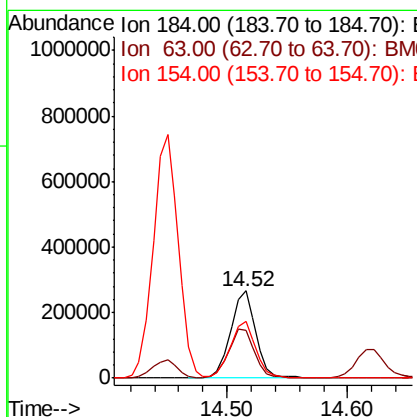
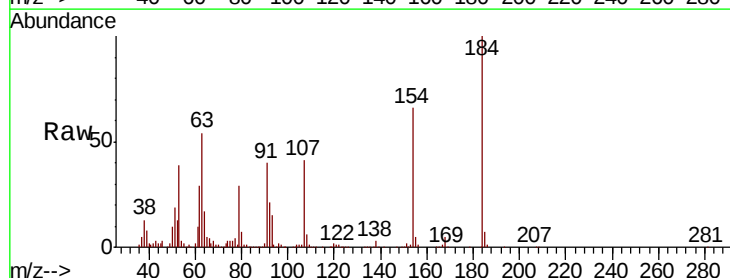
Instrument :
BNA_M
ClientSampleId :
PB116472BS

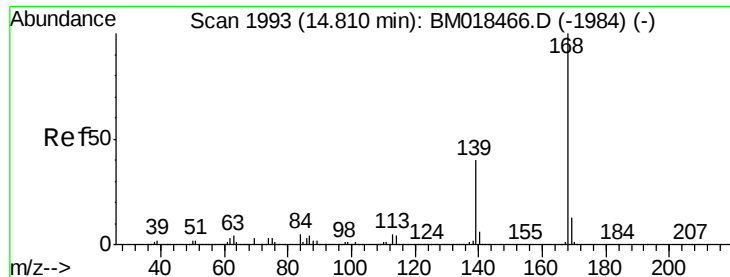
Tot Ion:138 Resp: 207067
Ion Ratio Lower Upper
138 100
108 11.4 9.1 13.7
92 106.1 88.2 132.2



#54
2,4-Dinitrophenol
Concen: 87.806 ng
RT: 14.52 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion:184 Resp: 384110
Ion Ratio Lower Upper
184 100
63 54.3 55.9 83.9#
154 65.6 54.2 81.4

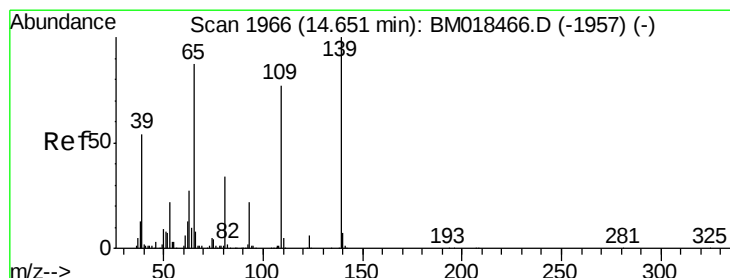
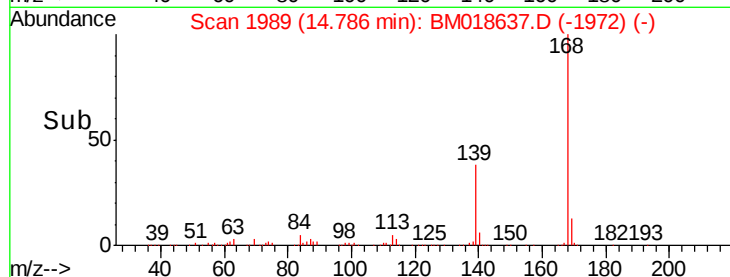
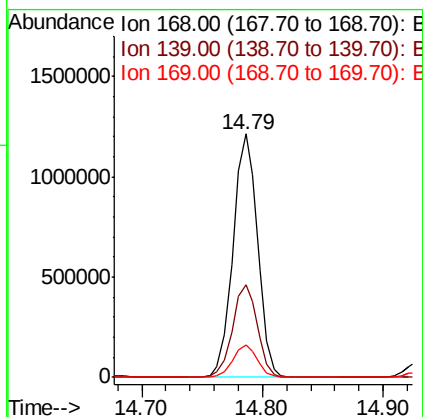
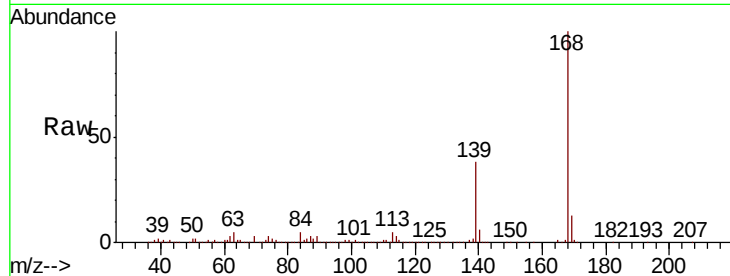




#55
Dibenzofuran
Concen: 37.399 ng
RT: 14.79 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

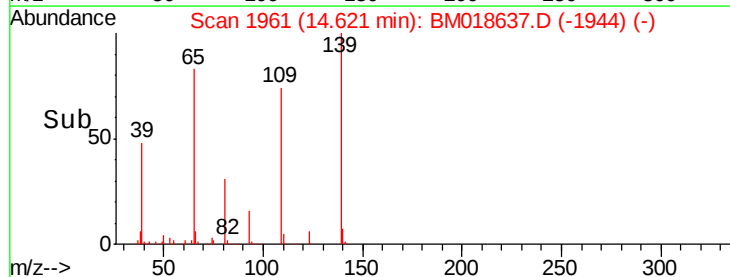
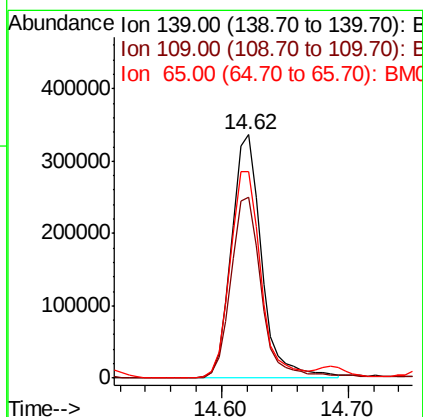
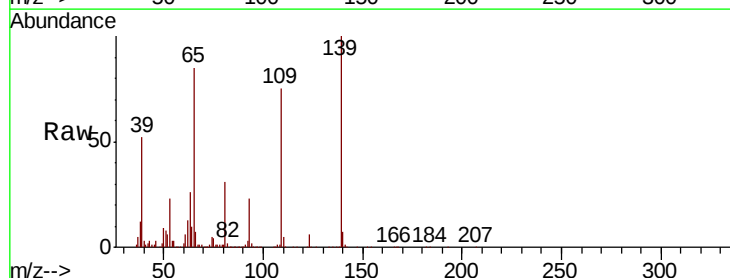
Instrument :
BNA_M
ClientSampleId :
PB116472BS

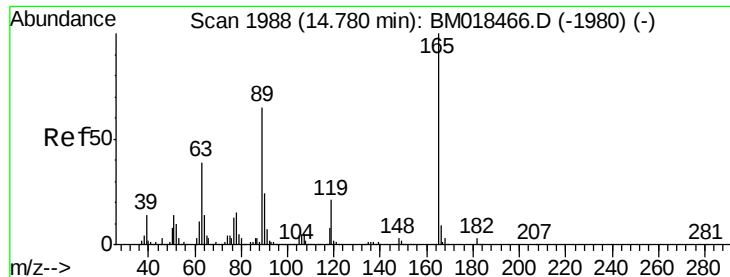
Tot Ion:168 Resp: 1717830
Ion Ratio Lower Upper
168 100
139 38.3 30.3 45.5
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 79.271 ng
RT: 14.62 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion:139 Resp: 553043
Ion Ratio Lower Upper
139 100
109 74.5 51.7 91.7
65 84.6 71.4 111.4

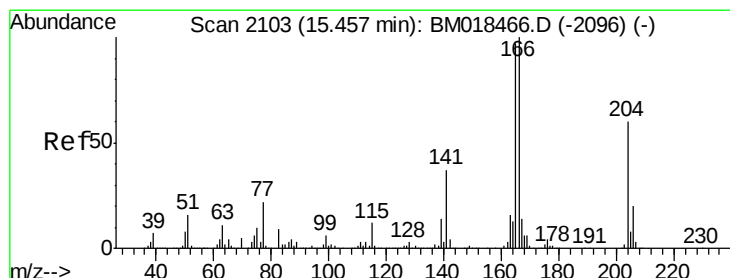
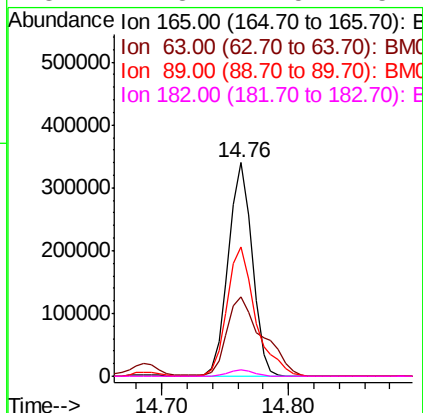
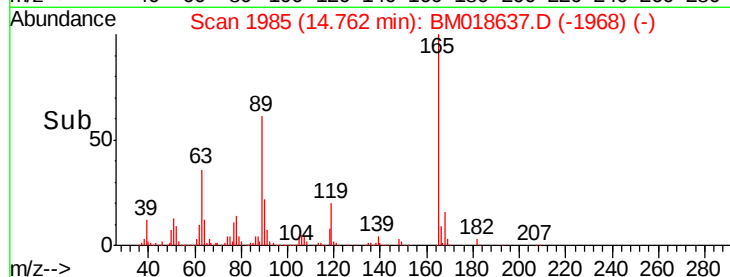
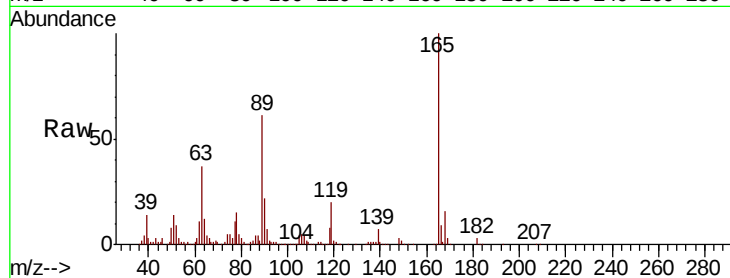




#57
2,4-Dinitrotoluene
Concen: 39.115 ng
RT: 14.76 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

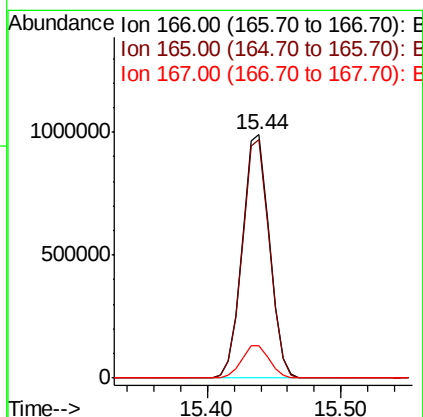
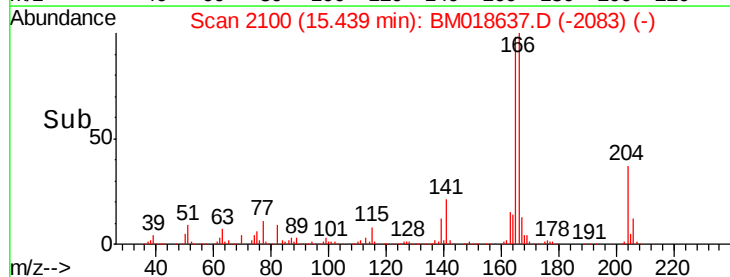
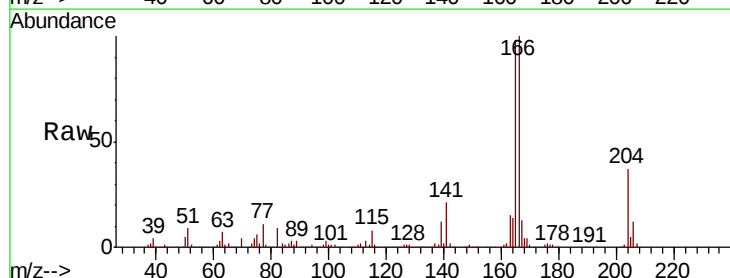
Instrument :
BNA_M
ClientSampleId :
PB116472BS

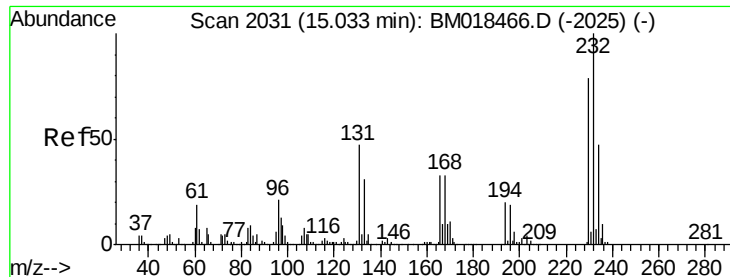
Tot Ion:165 Resp: 443320
Ion Ratio Lower Upper
165 100
63 37.5 32.2 48.2
89 60.8 52.1 78.1
182 2.8 2.5 3.7



#58
Fluorene
Concen: 40.387 ng
RT: 15.44 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion:166 Resp: 1381934
Ion Ratio Lower Upper
166 100
165 98.0 78.3 117.5
167 13.2 10.9 16.3

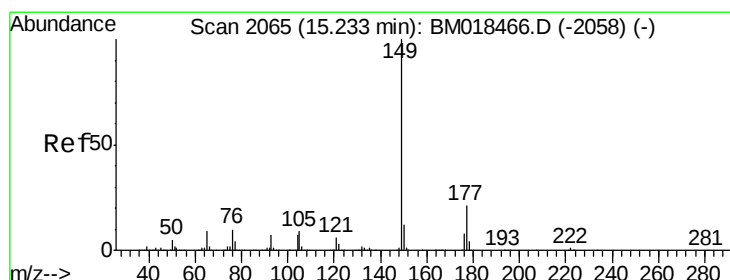
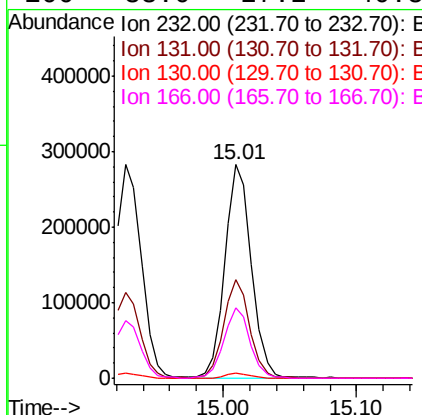
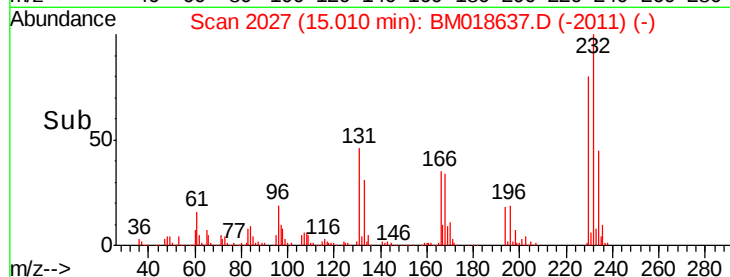
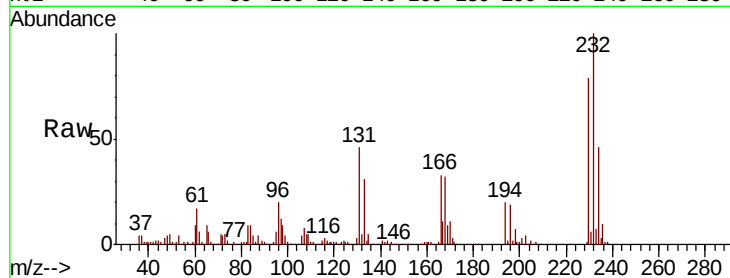




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.893 ng
 RT: 15.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BM018637.D
 Acq: 18 Jan 2019 15:13

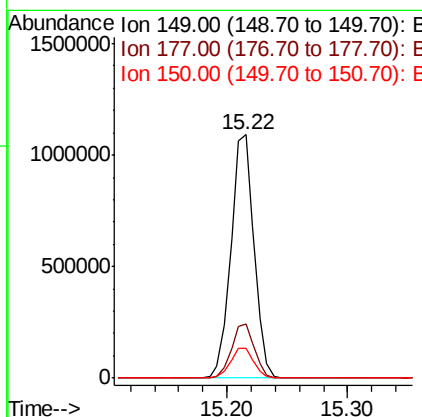
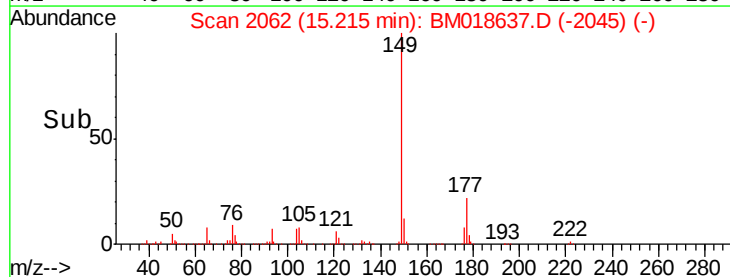
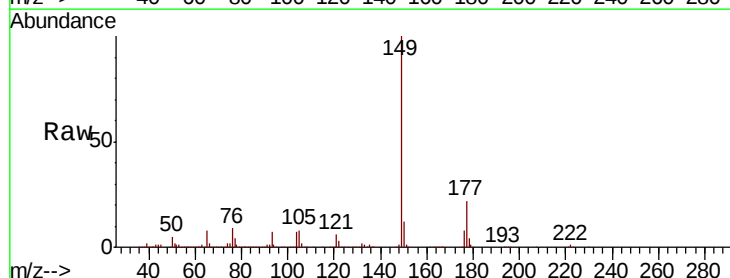
Instrument :
 BNA_M
 ClientSampleId :
 PB116472BS

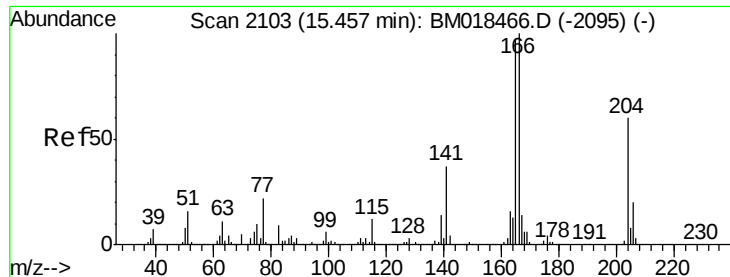
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	38.6	57.8
130	2.4	2.2	3.4
166	33.0	27.2	40.8



#60
 Diethylphthalate
 Concen: 37.958 ng
 RT: 15.22 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BM018637.D
 Acq: 18 Jan 2019 15:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.1	25.7
150	12.5	9.8	14.6

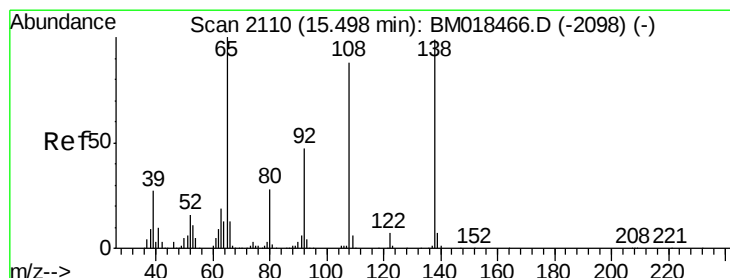
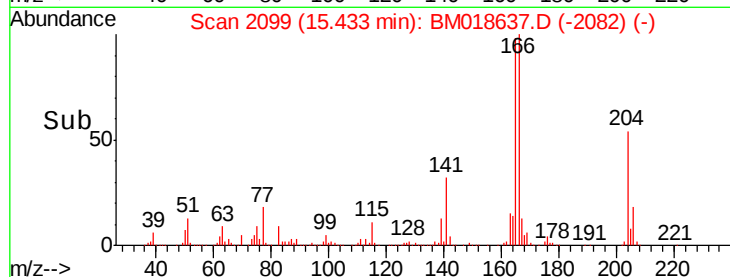
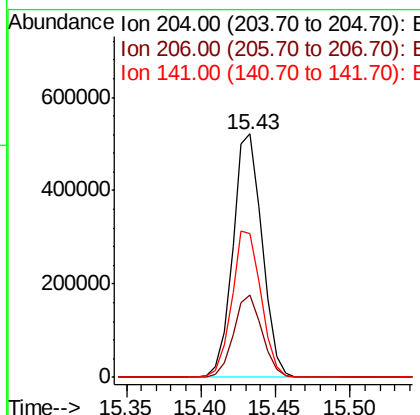
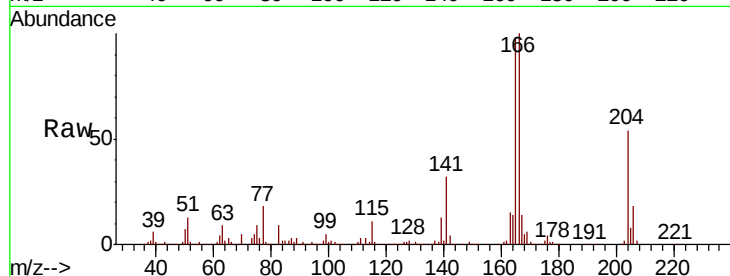




#61
4-Chlorophenyl-phenylether
Concen: 36.109 ng
RT: 15.43 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

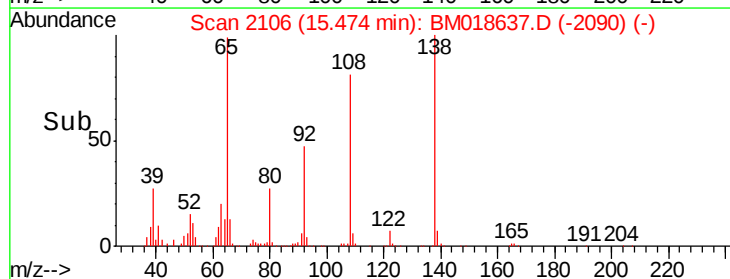
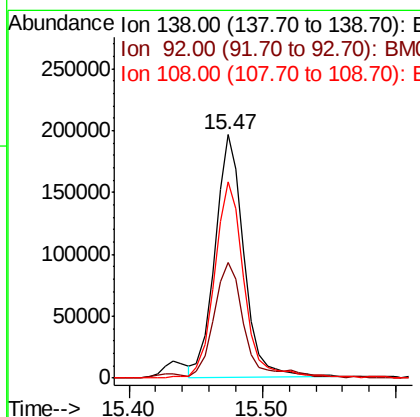
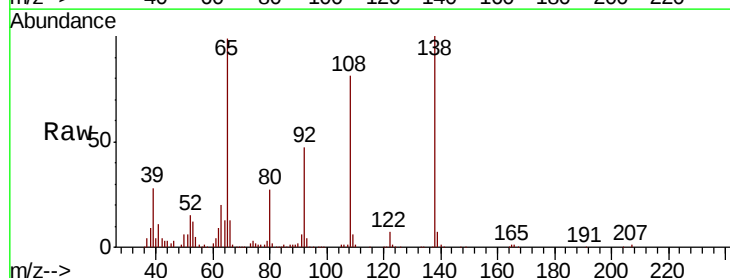
Instrument :
BNA_M
ClientSampleId :
PB116472BS

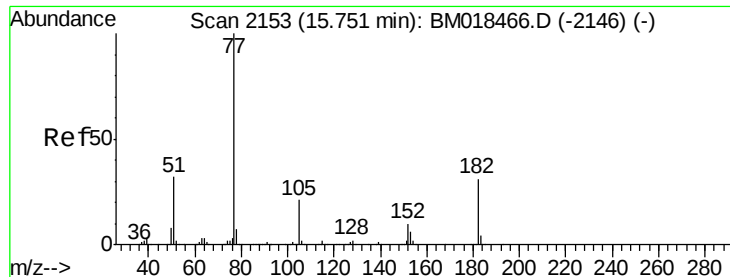
Tot Ion:204 Resp: 712100
Ion Ratio Lower Upper
204 100
206 33.8 25.8 38.6
141 59.1 49.5 74.3



#62
4-Nitroaniline
Concen: 33.744 ng
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion:138 Resp: 297232
Ion Ratio Lower Upper
138 100
92 47.4 29.0 69.0
108 80.6 63.9 103.9





#63

Azobenzene

Concen: 37.182 ng

RT: 15.73 min Scan# 2149

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

Tot Ion: 77 Resp: 1157297

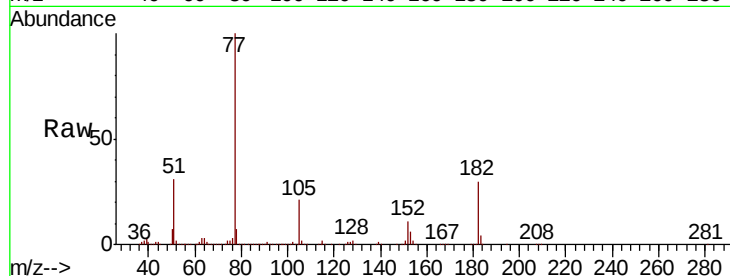
Ion Ratio Lower Upper

77 100

182 30.3 7.4 47.4

105 21.4 0.0 39.6

51 31.2 12.0 52.0

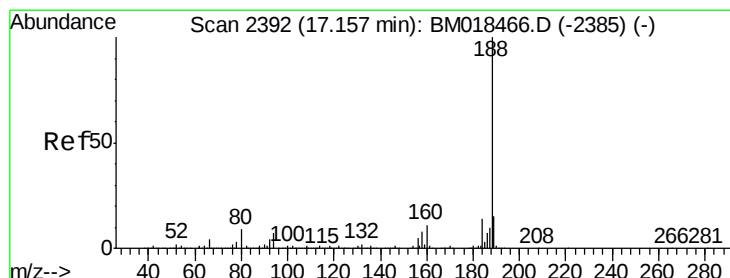
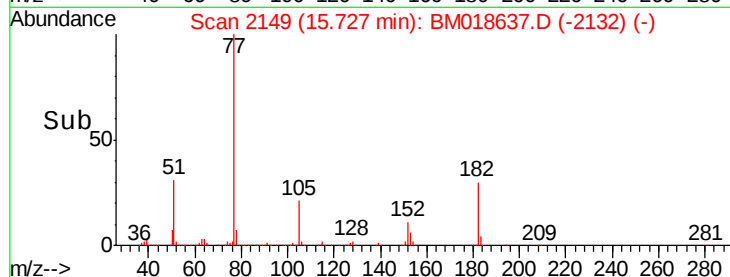
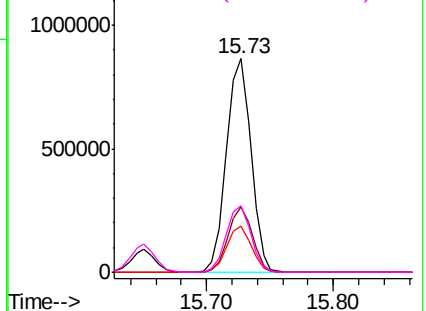


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 17.13 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

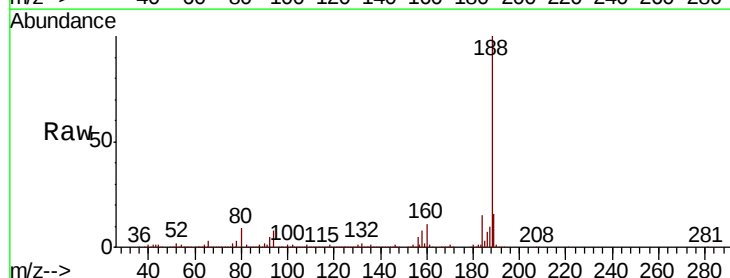
Tgt Ion: 188 Resp: 991891

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

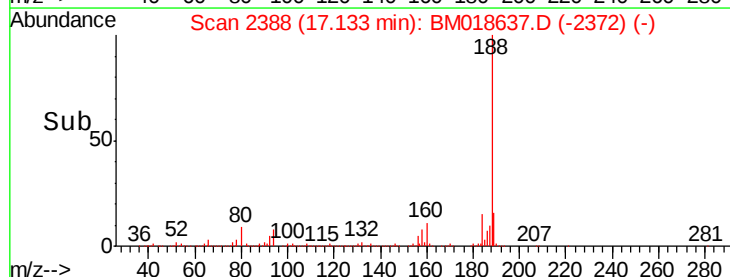
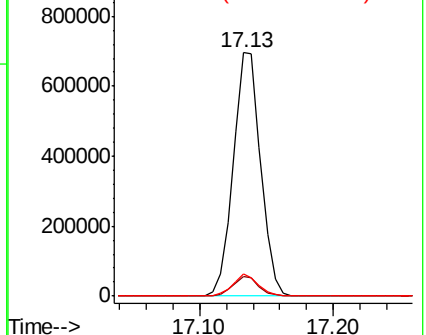
80 8.9 7.6 11.4

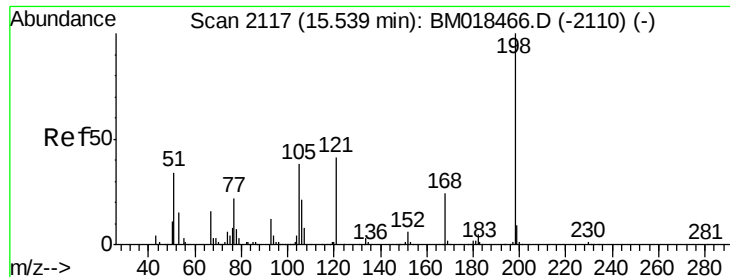


Abundance Ion 188.00 (187.70 to 188.70): E

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: 39.807 ng

RT: 15.52 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

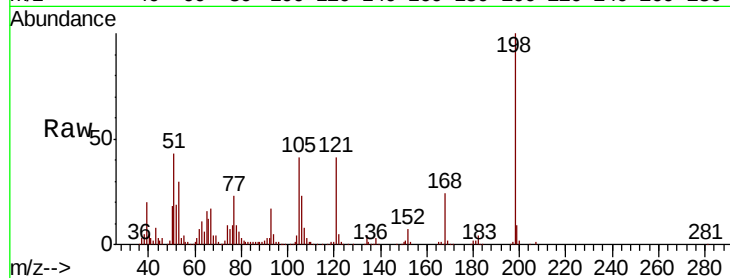
BNA_M

ClientSampleId :

PB116472BS

Tot Ion:198 Resp: 245117

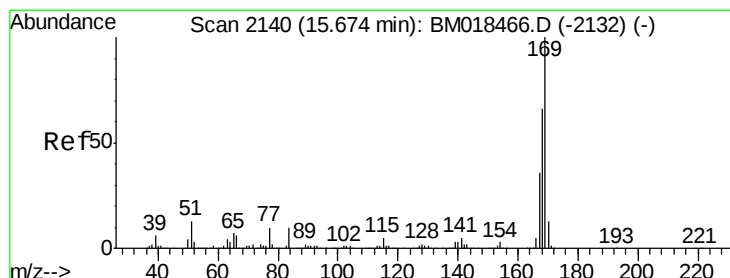
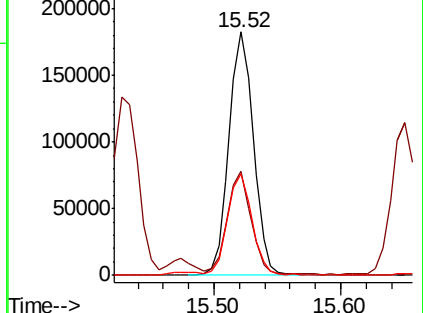
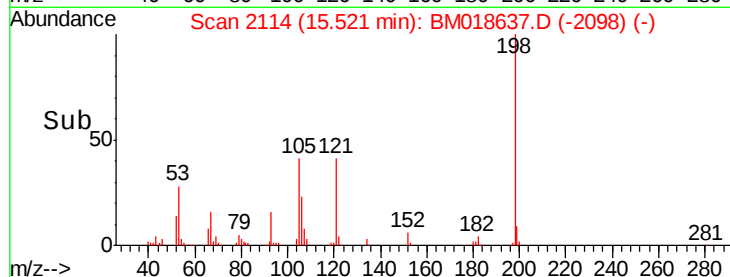
Ion	Ratio	Lower	Upper
198	100		
51	42.8	29.6	69.6
105	41.5	25.5	65.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.025 ng

RT: 15.65 min Scan# 2136

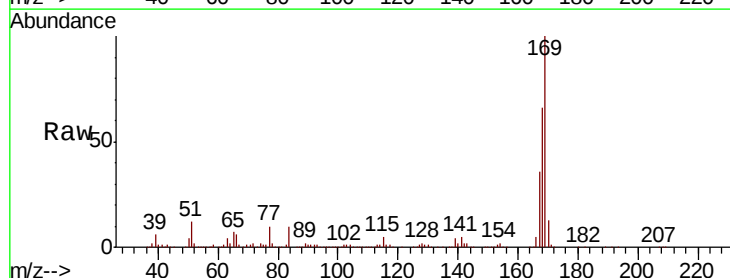
Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Tgt Ion:169 Resp: 1200707

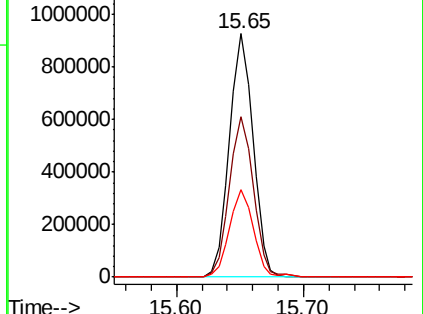
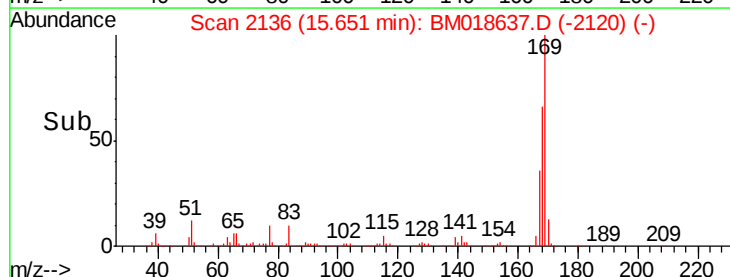
Ion	Ratio	Lower	Upper
169	100		
168	65.9	54.1	81.1
167	35.9	28.6	42.8

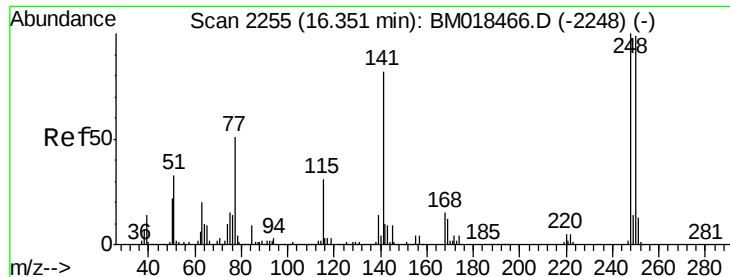


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

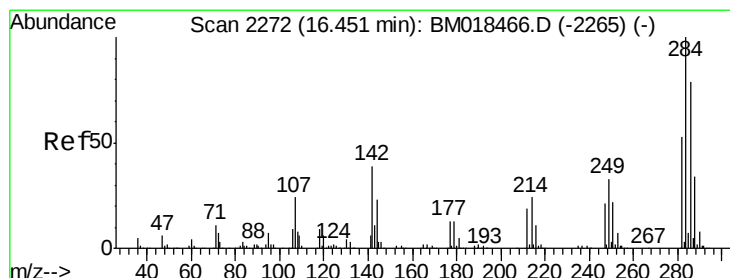
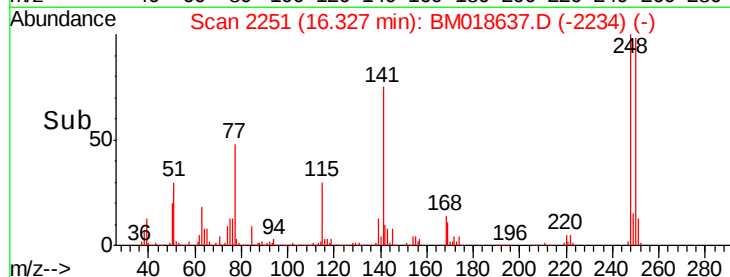
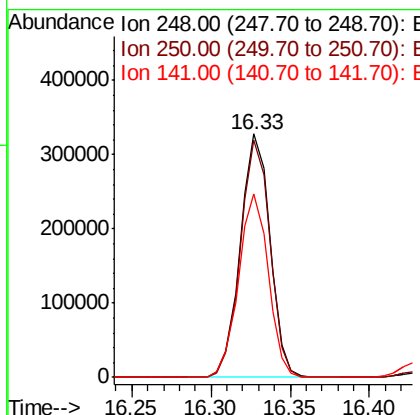
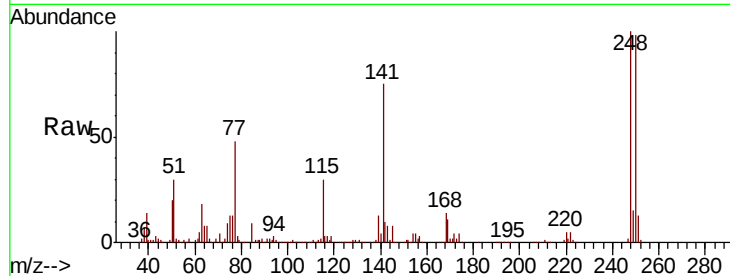




#67
4-Bromophenyl-phenylether
Concen: 38.435 ng
RT: 16.33 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

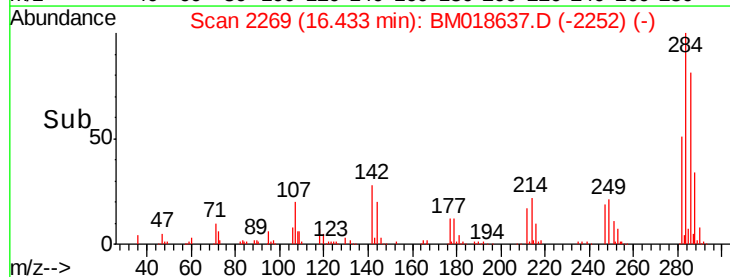
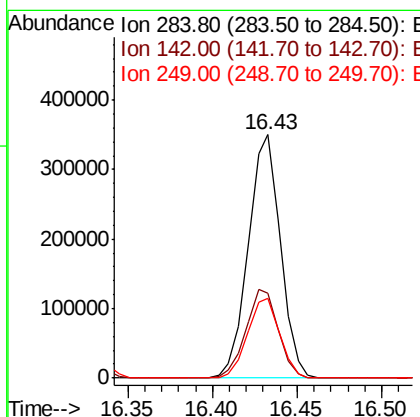
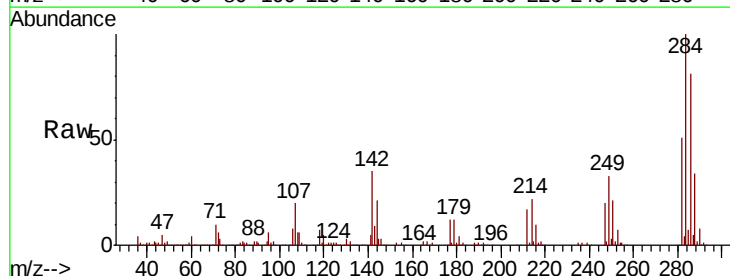
Instrument :
BNA_M
ClientSampleId :
PB116472BS

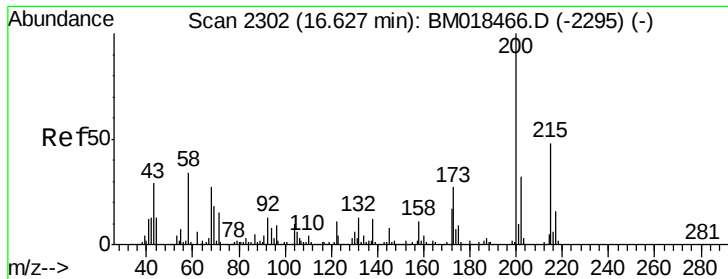
Tot Ion:248 Resp: 426621
Ion Ratio Lower Upper
248 100
250 97.7 76.0 114.0
141 75.2 61.5 92.3



#68
Hexachlorobenzene
Concen: 37.413 ng
RT: 16.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion:284 Resp: 464900
Ion Ratio Lower Upper
284 100
142 34.7 29.2 43.8
249 32.7 26.1 39.1





#69

Atrazine

Concen: 39.341 ng

RT: 16.60 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

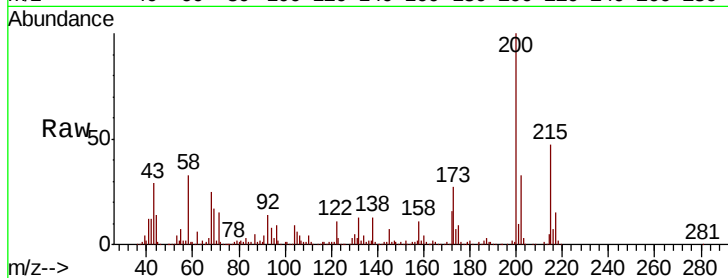
Tot Ion:200 Resp: 437596

Ion Ratio Lower Upper

200 100

173 26.9 7.2 47.2

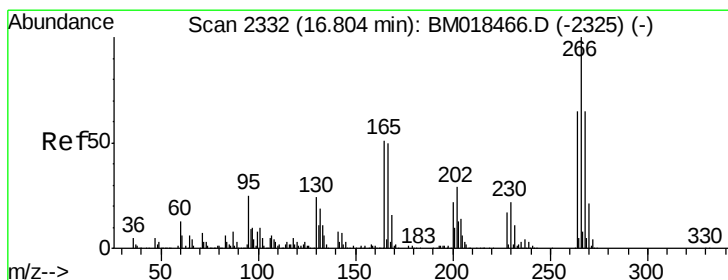
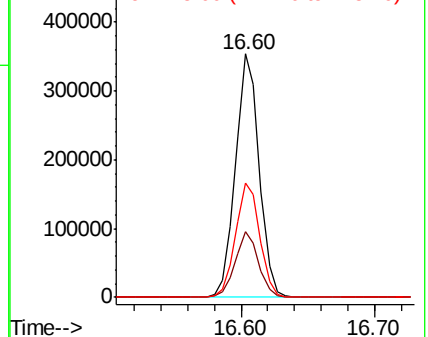
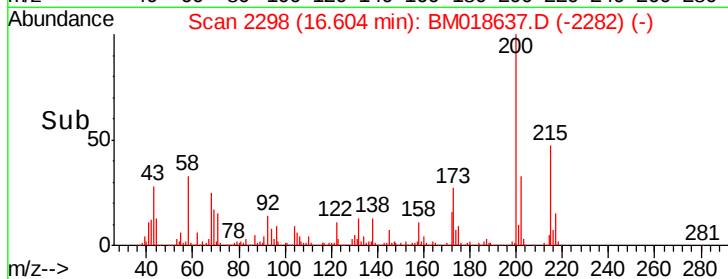
215 47.1 28.3 68.3



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: 74.440 ng

RT: 16.78 min Scan# 2328

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

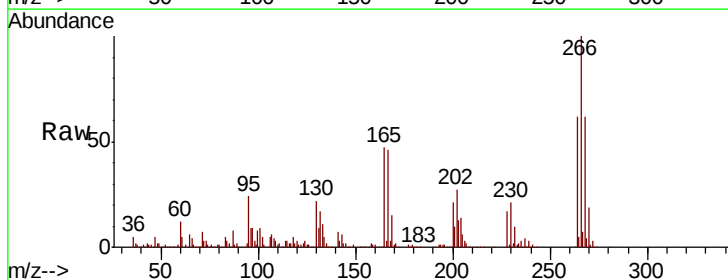
Tgt Ion:266 Resp: 605805

Ion Ratio Lower Upper

266 100

268 61.8 49.8 74.6

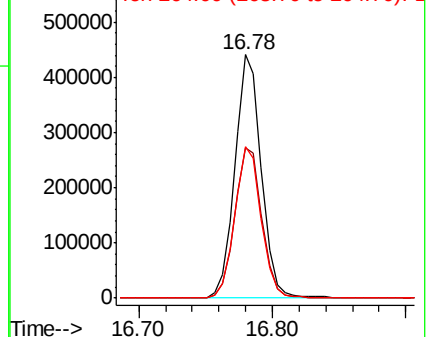
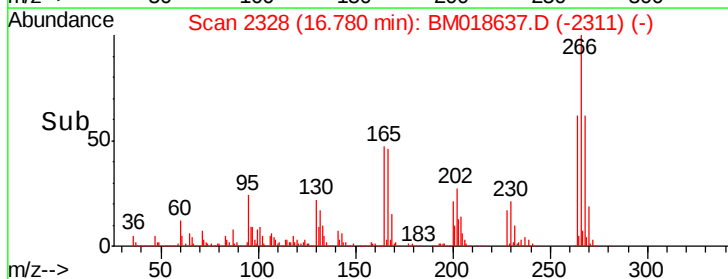
264 62.2 50.1 75.1

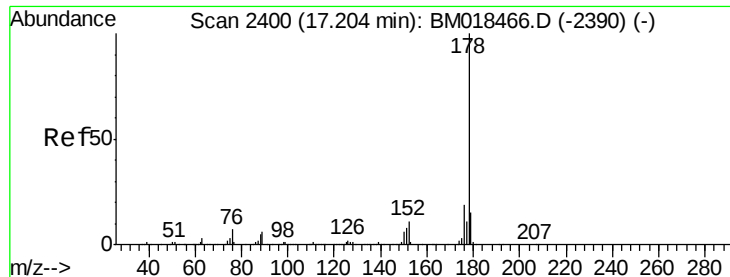


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.259 ng

RT: 17.18 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

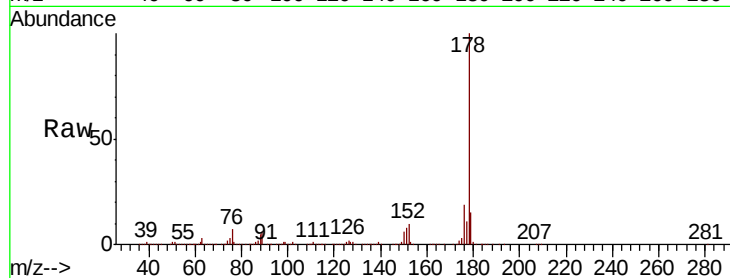
Tot Ion:178 Resp: 2123988

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

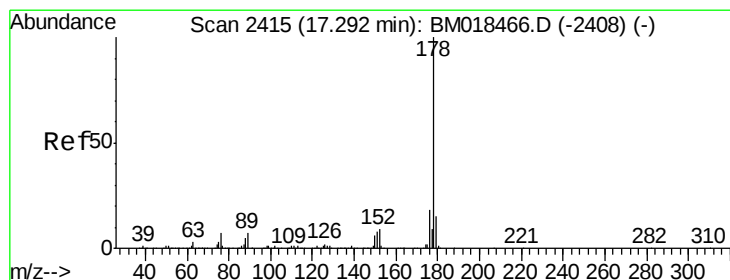
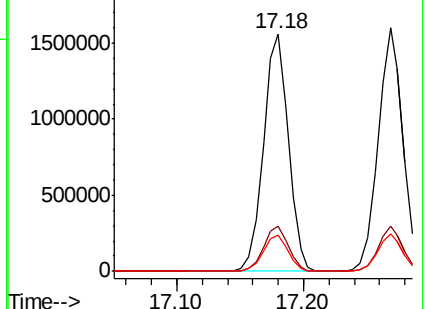
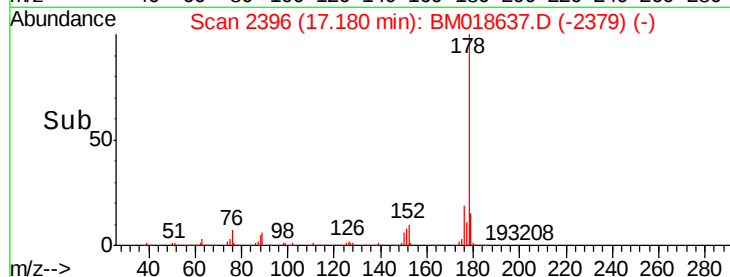
179 15.2 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.685 ng

RT: 17.27 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

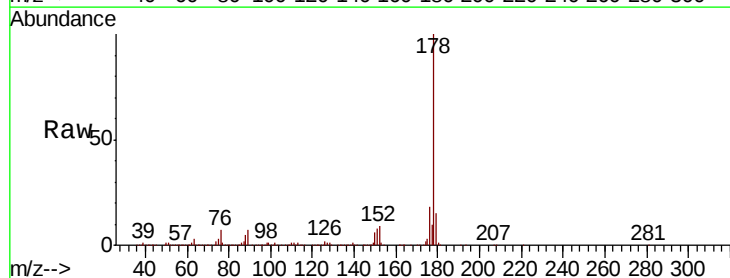
Tgt Ion:178 Resp: 2165536

Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

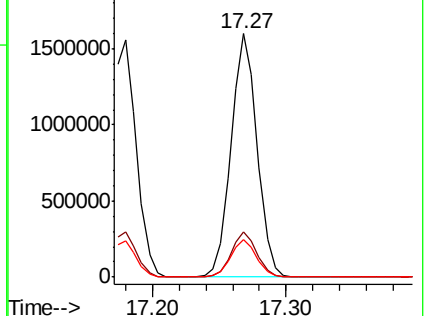
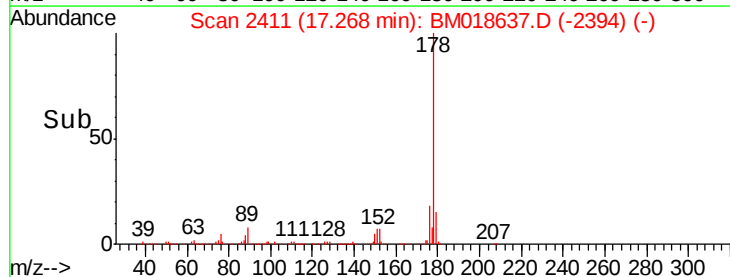
179 15.2 12.2 18.4

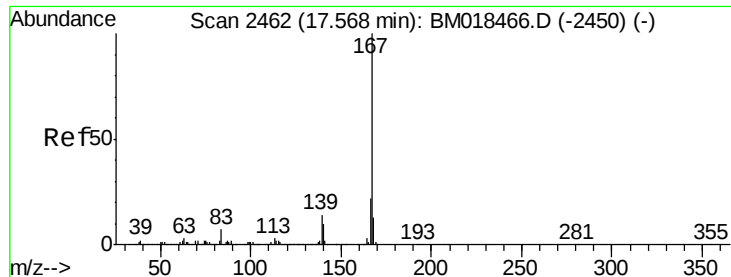


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

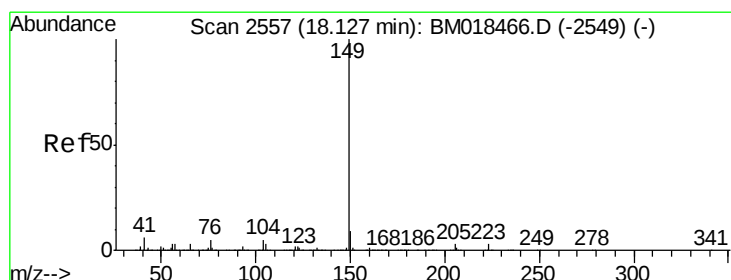
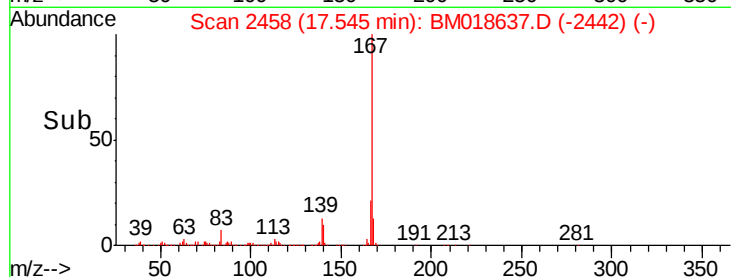
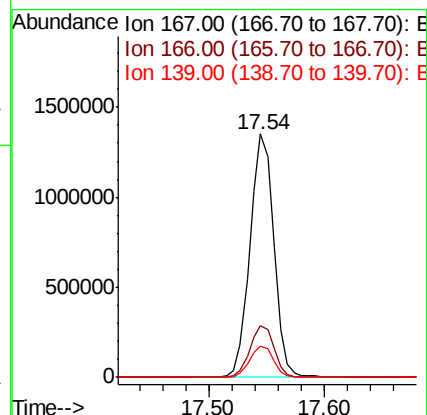
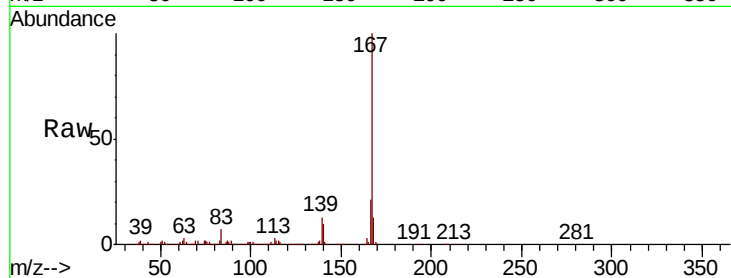




#73
 Carbazole
 Concen: 37.150 ng
 RT: 17.54 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BM018637.D
 Acq: 18 Jan 2019 15:13

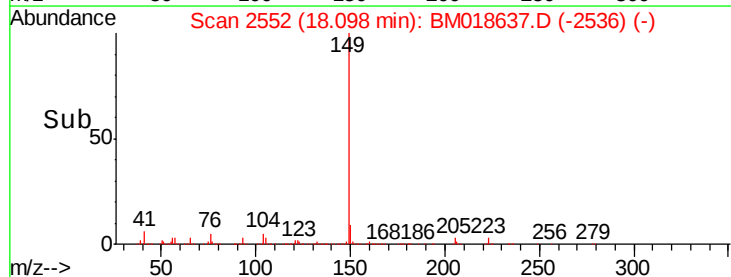
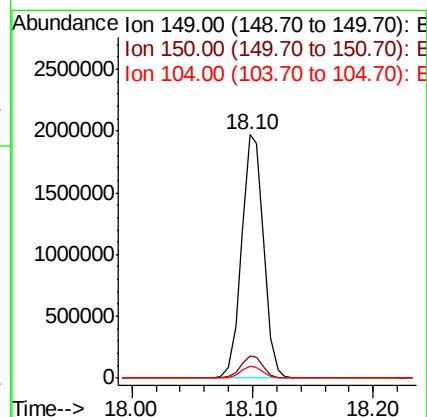
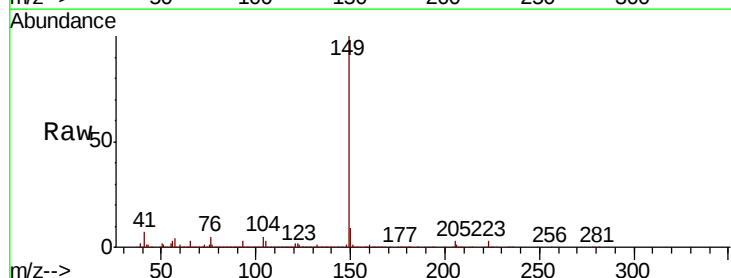
Instrument :
 BNA_M
 ClientSampleId :
 PB116472BS

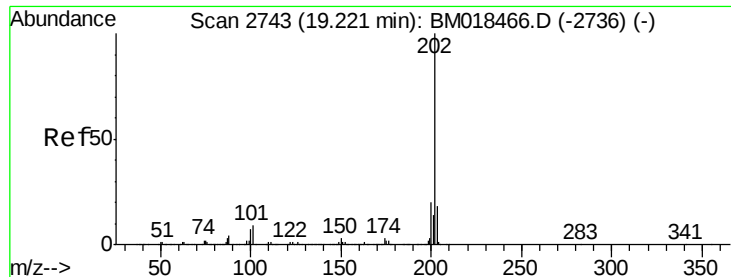
Tot Ion:167 Resp: 1936372
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.4 26.2
 139 12.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 43.551 ng
 RT: 18.10 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BM018637.D
 Acq: 18 Jan 2019 15:13

Tgt Ion:149 Resp: 2486482
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.9 4.2 6.4





#75

Fluoranthene

Concen: 40.597 ng

RT: 19.20 min Scan# 2739

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

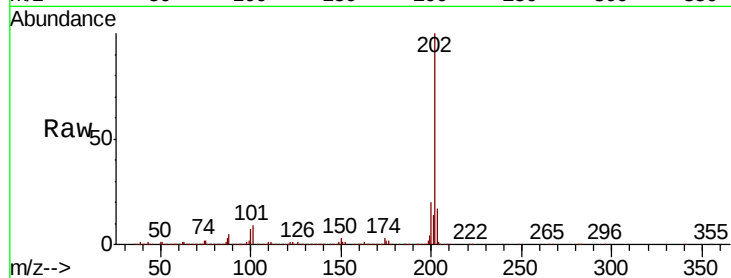
Tot Ion:202 Resp: 2469345

Ion Ratio Lower Upper

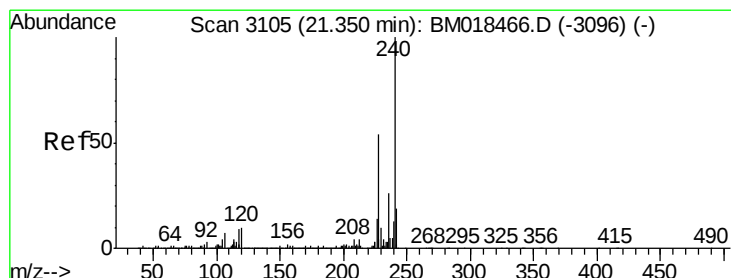
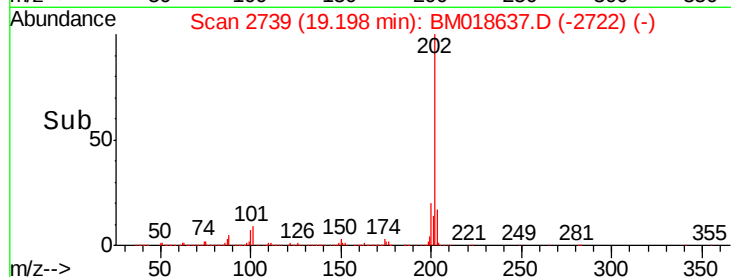
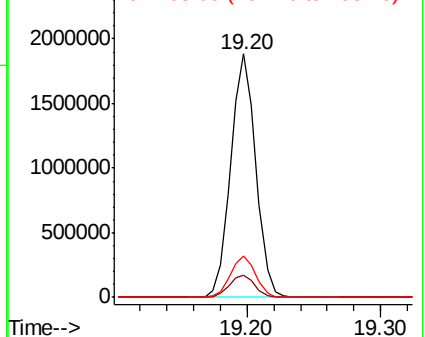
202 100

101 9.3 0.0 30.9

203 17.1 0.0 37.4



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: 21.33 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

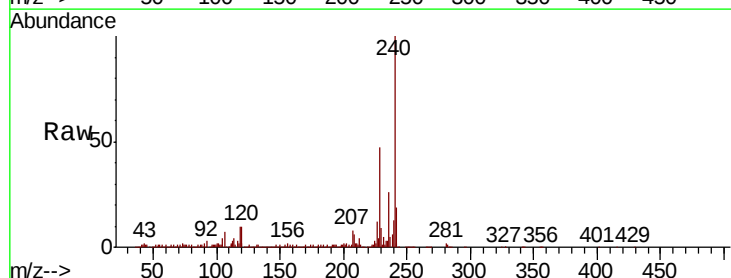
Tgt Ion:240 Resp: 1067557

Ion Ratio Lower Upper

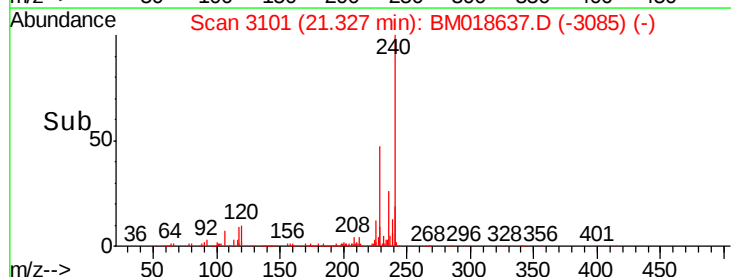
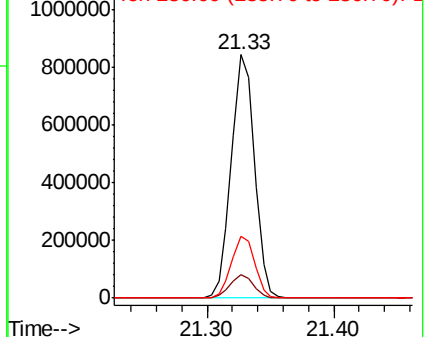
240 100

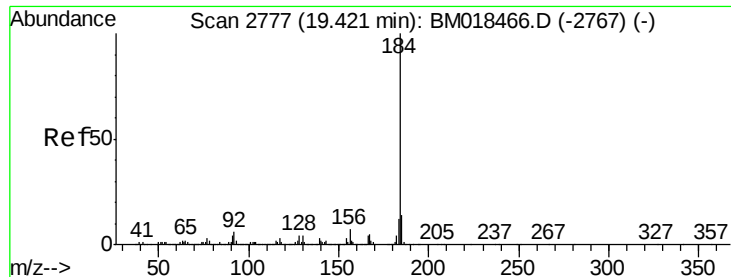
120 9.6 8.4 12.6

236 25.6 20.7 31.1



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: 32.446 ng

RT: 19.40 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

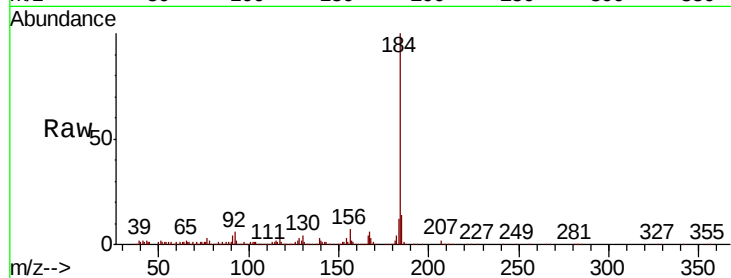
Tot Ion:184 Resp: 855253

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

183 12.1 9.5 14.3

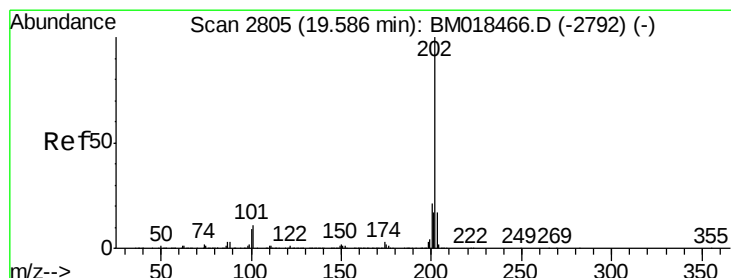
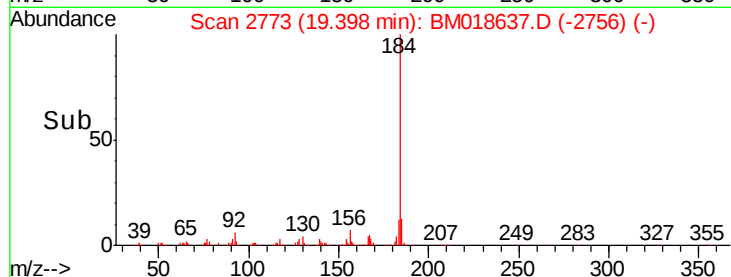
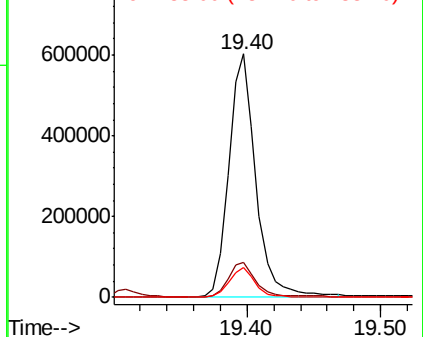


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.035 ng

RT: 19.56 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

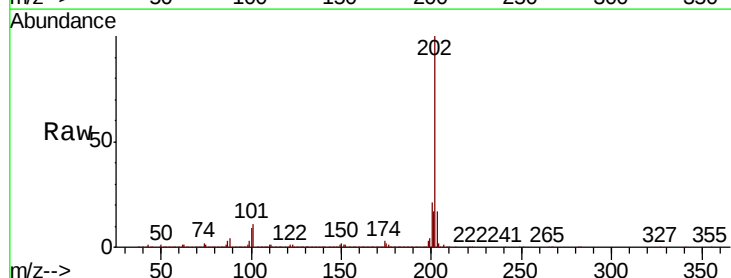
Tgt Ion:202 Resp: 2533362

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

203 17.4 13.8 20.8

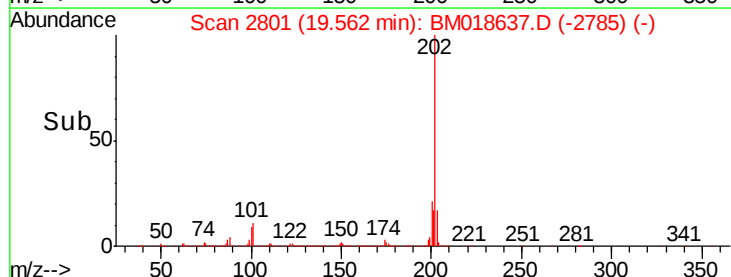
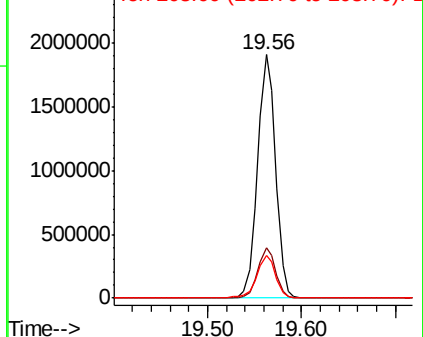


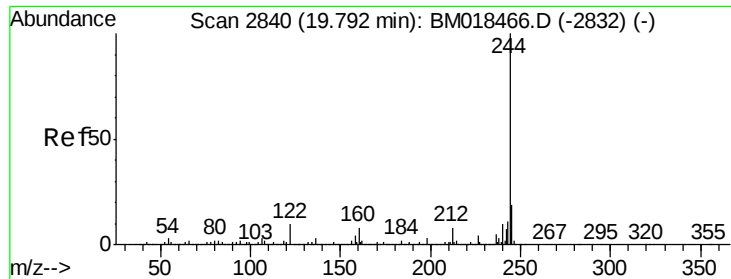
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.997 ng

RT: 19.77 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

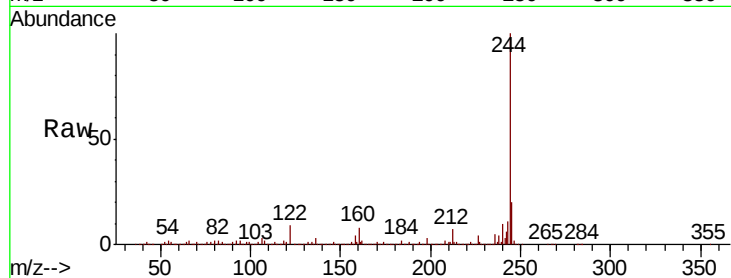
Tot Ion:244 Resp: 4152515

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

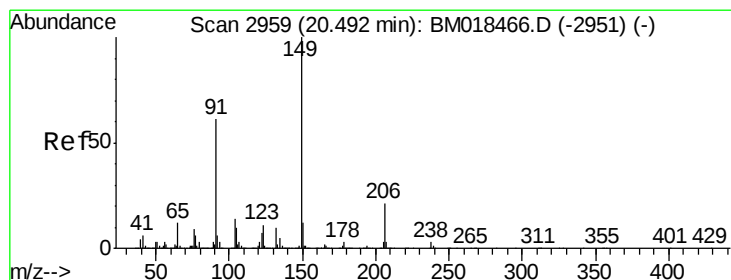
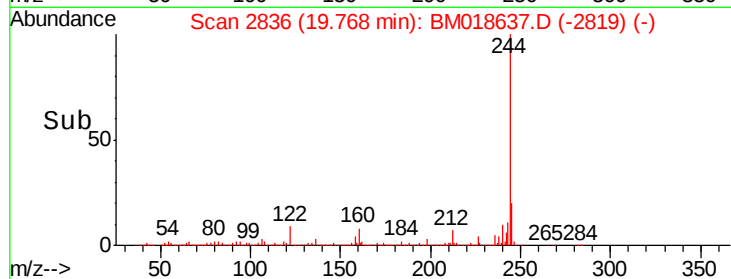
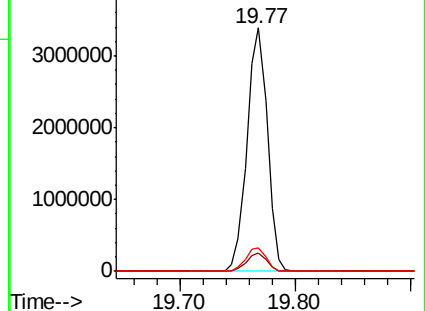
122 9.5 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.570 ng

RT: 20.46 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

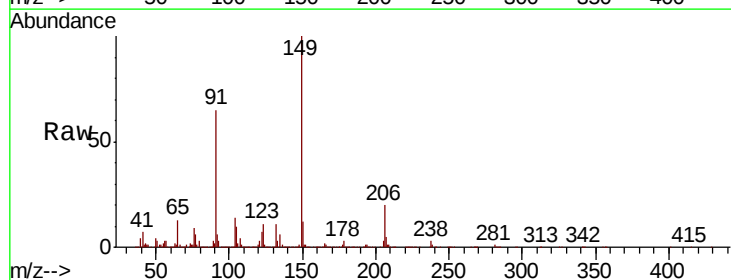
Tgt Ion:149 Resp: 1176468

Ion Ratio Lower Upper

149 100

91 65.2 53.1 79.7

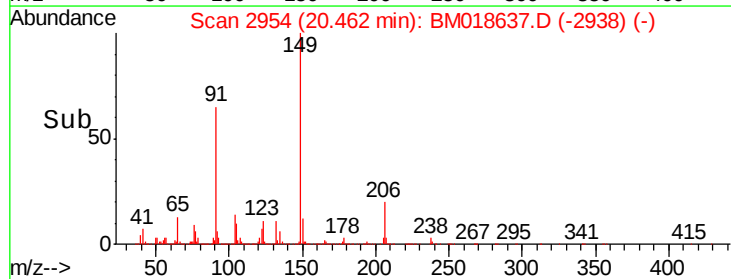
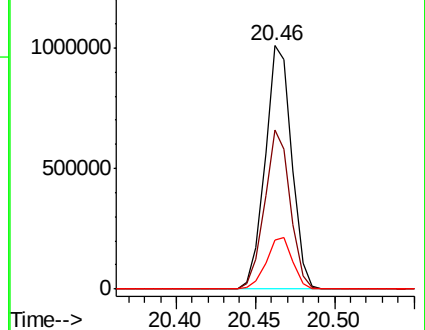
206 20.3 16.2 24.4

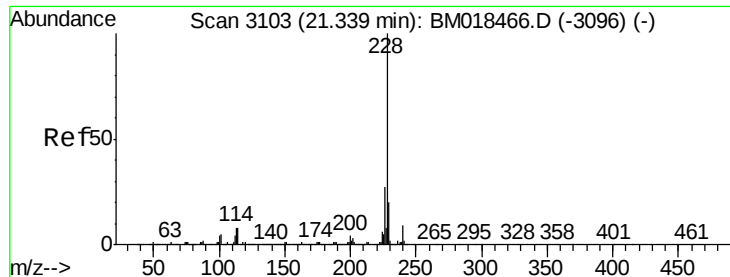


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.289 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

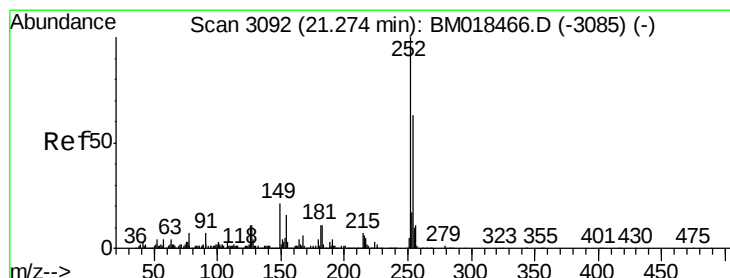
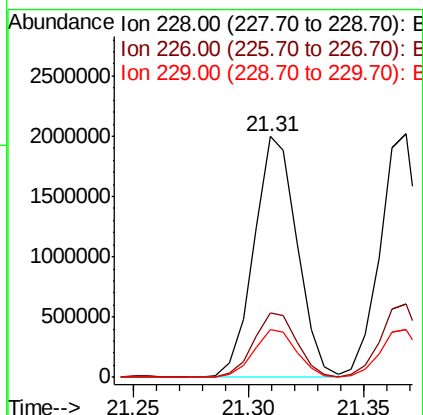
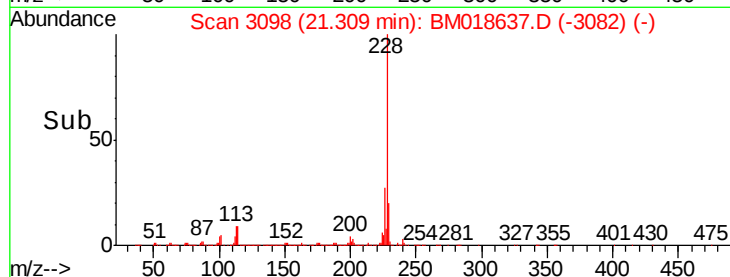
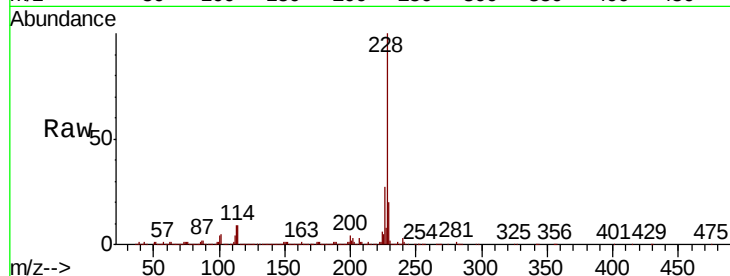
Tot Ion:228 Resp: 2596736

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.6
229	19.9	15.8	23.8

228 100

226 26.6 21.8 32.6

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 31.169 ng

RT: 21.25 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

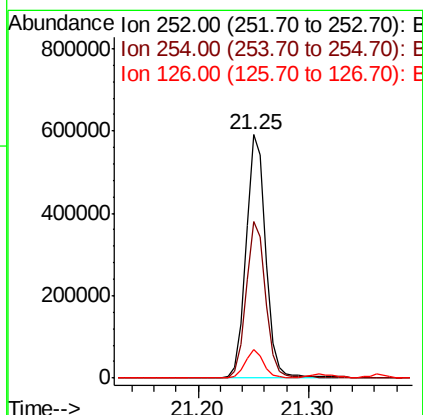
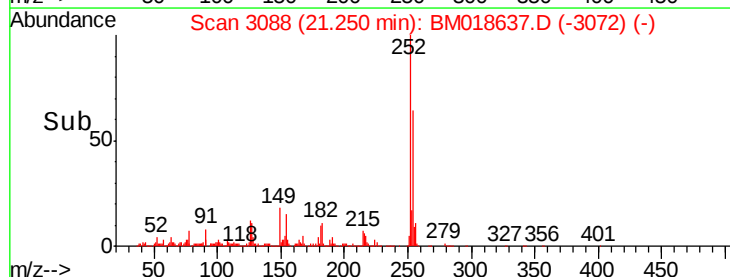
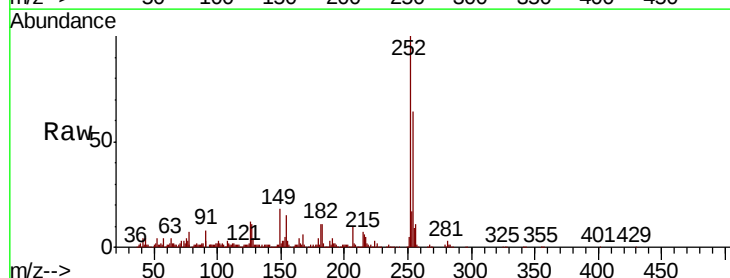
Tgt Ion:252 Resp: 741272

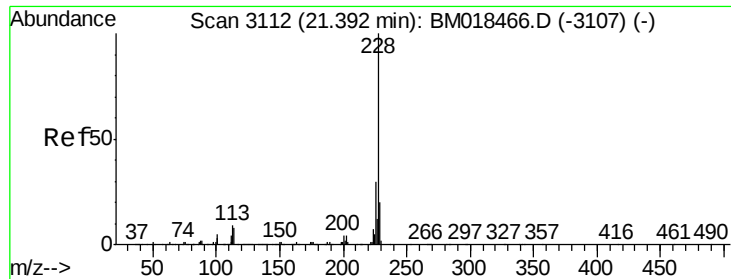
Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.0
126	11.7	8.7	13.1

252 100

254 64.2 51.4 77.0

126 11.7 8.7 13.1





#83

Chrysene

Concen: 40.532 ng

RT: 21.37 min Scan# 3108

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

BNA_M

ClientSampleId :

PB116472BS

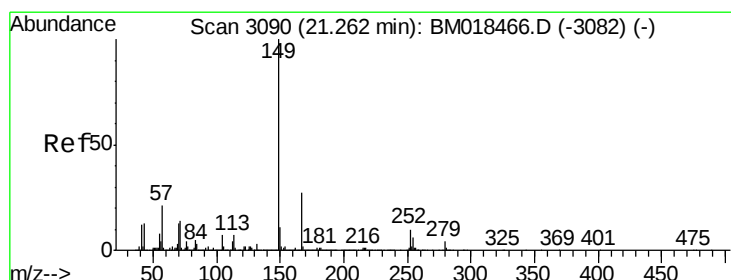
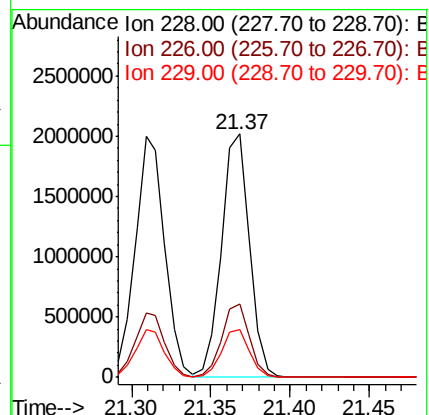
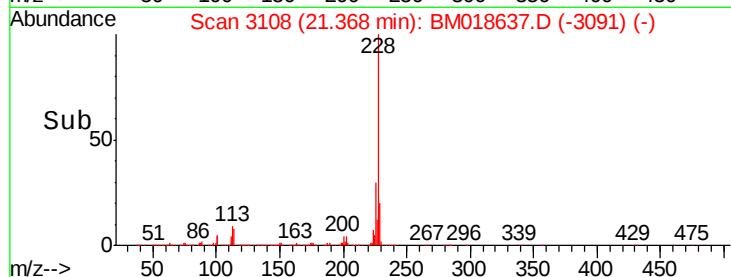
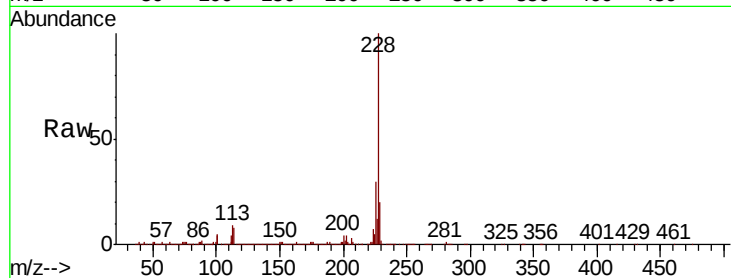
Tot Ion:228 Resp: 2461550

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.577 ng

RT: 21.23 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

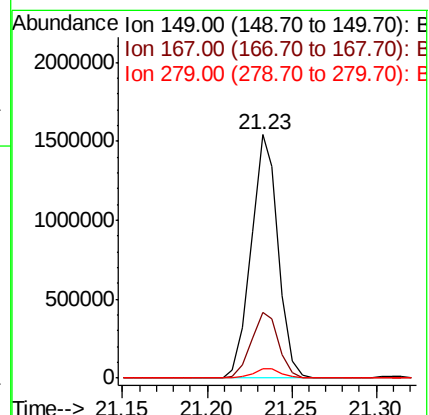
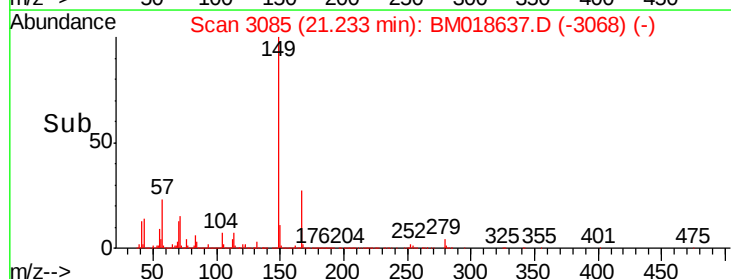
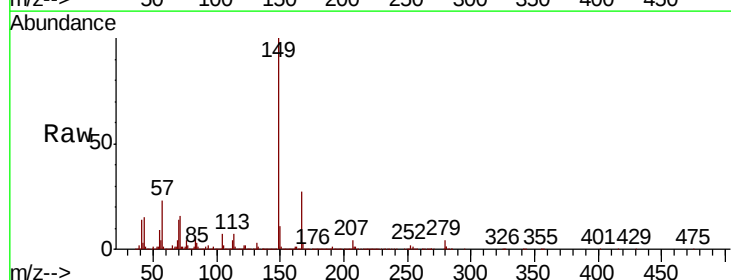
Tgt Ion:149 Resp: 1699103

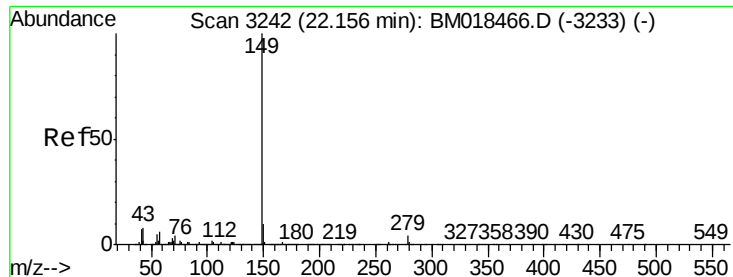
Ion Ratio Lower Upper

149 100

167 26.9 21.6 32.4

279 3.9 3.3 4.9

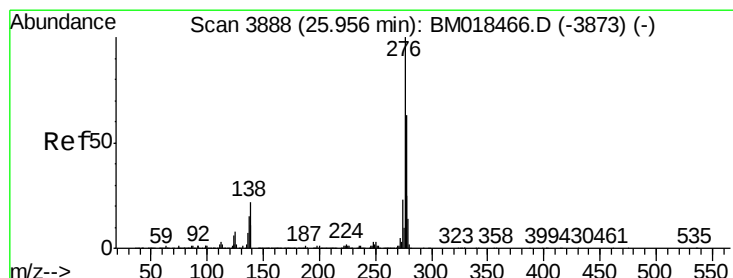
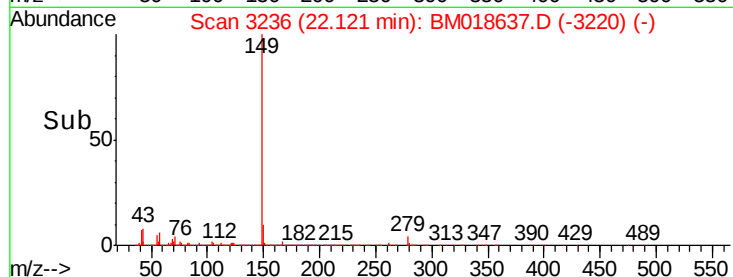
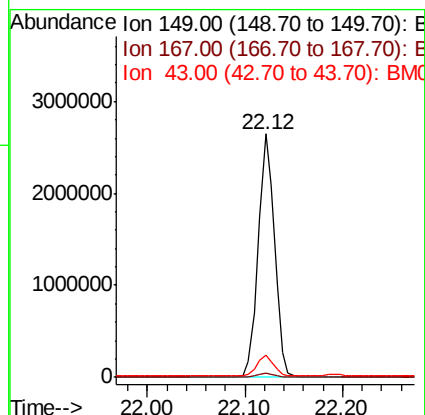
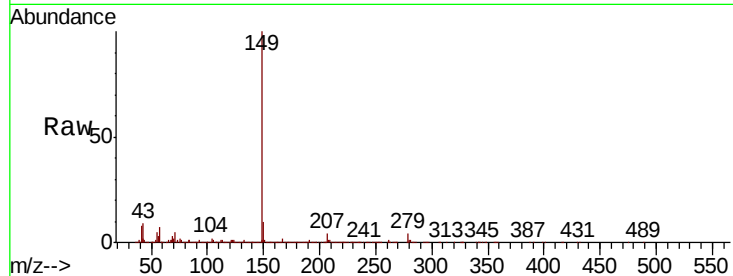




#85
Di-n-octyl phthalate
Concen: 46.883 ng
RT: 22.12 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

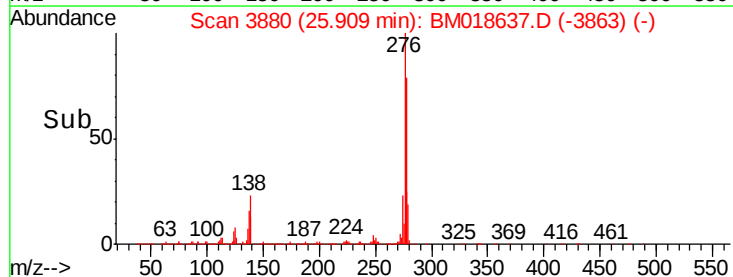
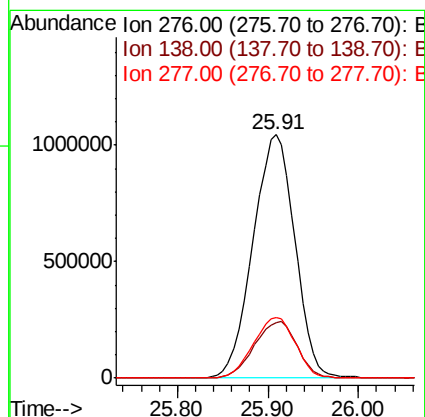
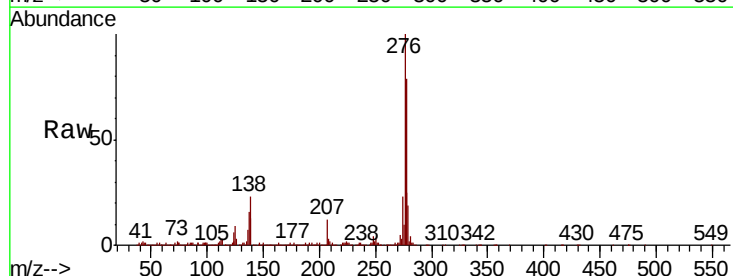
Instrument :
BNA_M
ClientSampleId :
PB116472BS

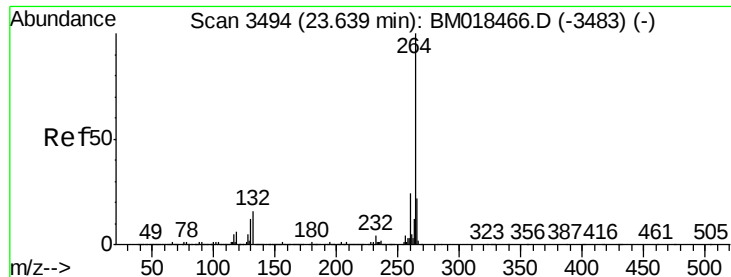
Tot Ion:149 Resp: 3074553
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 8.6 12.8#



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.811 ng
RT: 25.91 min Scan# 3880
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion:276 Resp: 3348214
Ion Ratio Lower Upper
276 100
138 23.7 21.5 32.3
277 25.1 20.2 30.2



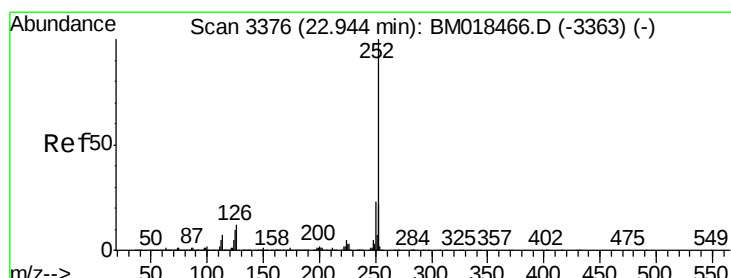
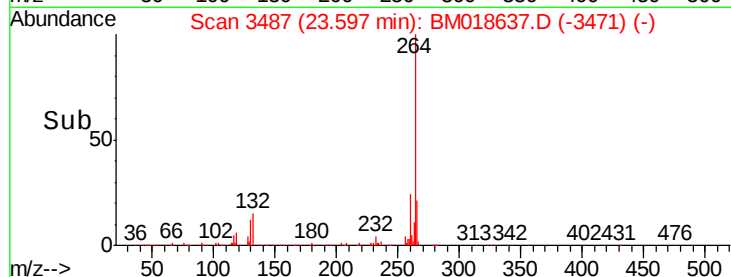
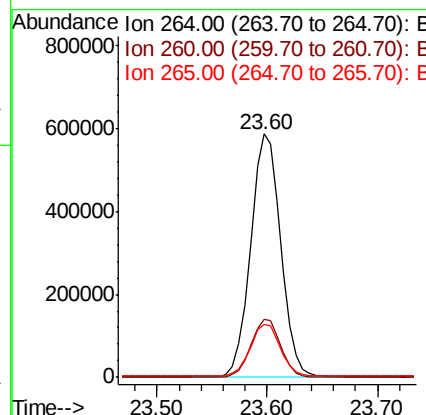
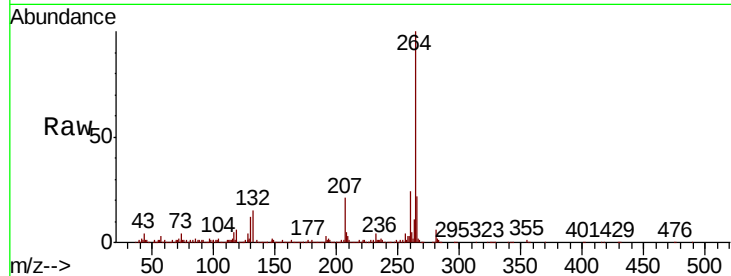


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.60 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Instrument :
BNA_M
ClientSampleId :
PB116472BS

Tot Ion:264 Resp: 1126168

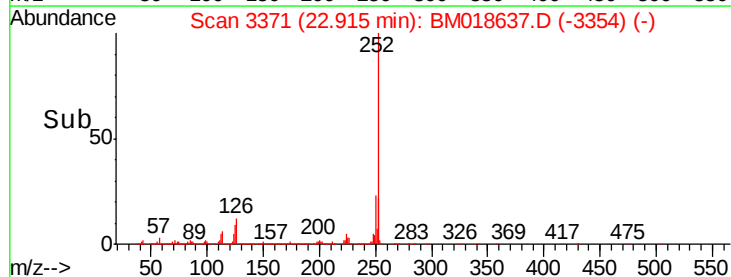
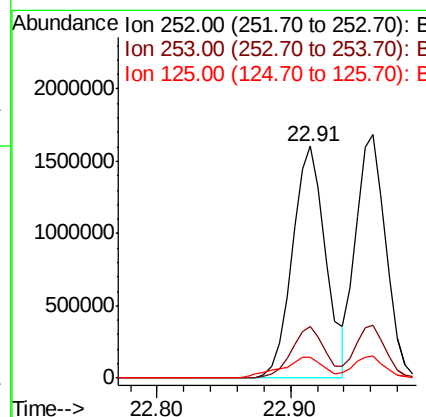
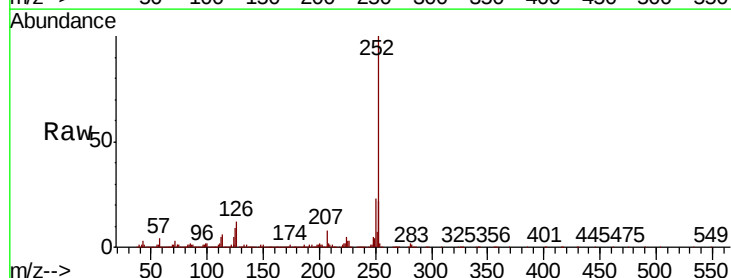
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.9	16.8	25.2

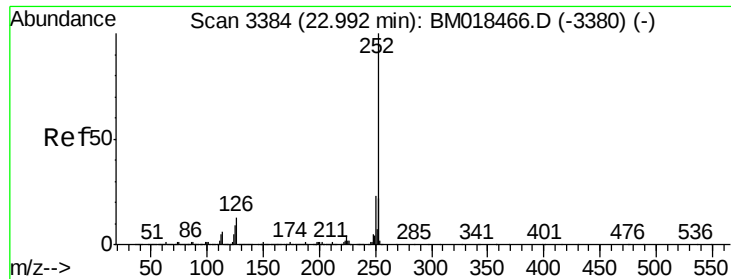


#88
Benzo(b)fluoranthene
Concen: 43.403 ng
RT: 22.91 min Scan# 3371
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion:252 Resp: 2774966

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.1	8.5	12.7

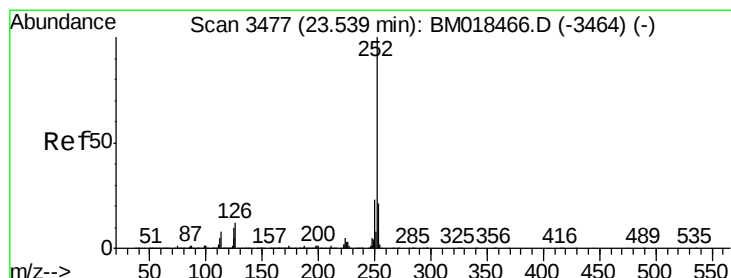
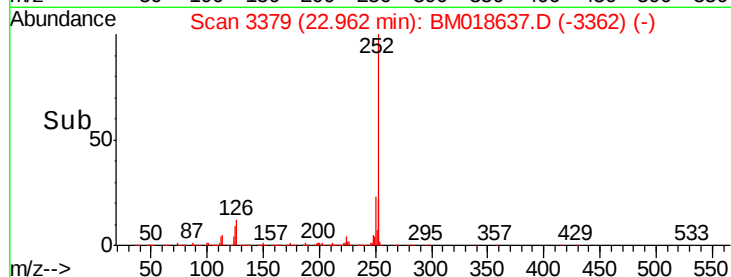
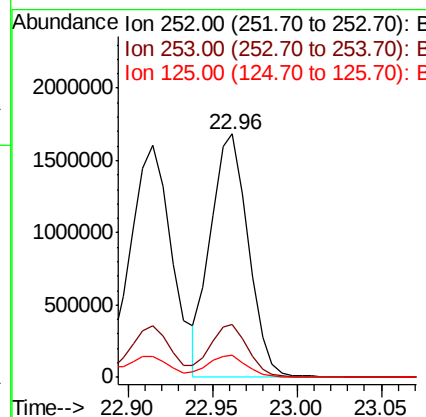
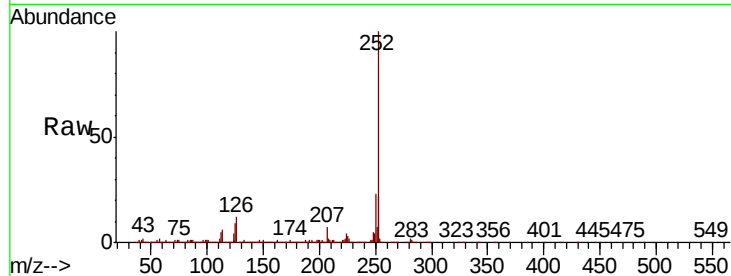




#89
Benzo(k)fluoranthene
Concen: 40.283 ng
RT: 22.96 min Scan# 3379
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

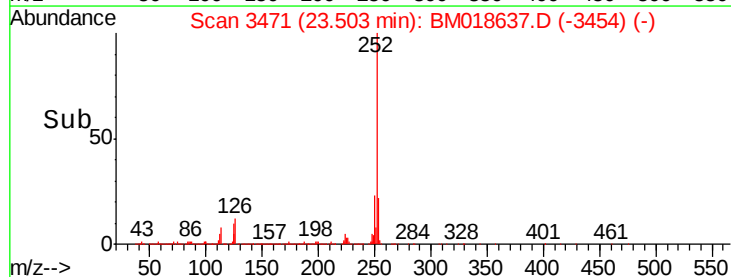
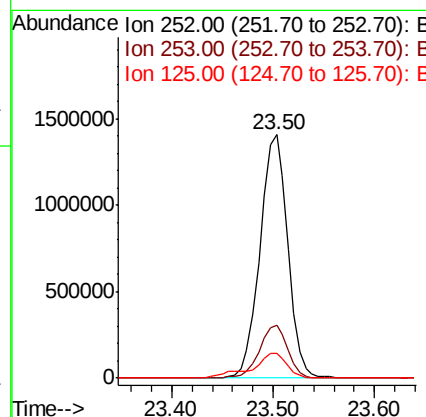
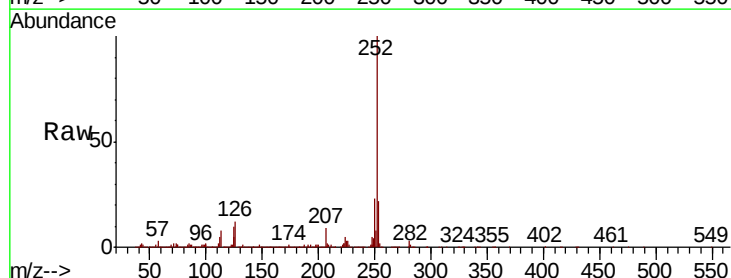
Instrument :
BNA_M
ClientSampleId :
PB116472BS

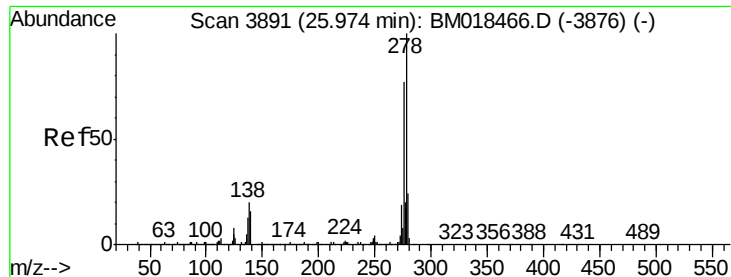
Tot Ion:252 Resp: 2595565
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 8.9 8.6 12.8



#90
Benzo(a)pyrene
Concen: 43.968 ng
RT: 23.50 min Scan# 3471
Delta R.T. -0.00 min
Lab File: BM018637.D
Acq: 18 Jan 2019 15:13

Tgt Ion:252 Resp: 2691223
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.1 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 45.675 ng

RT: 25.92 min Scan# 3882

Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Instrument :

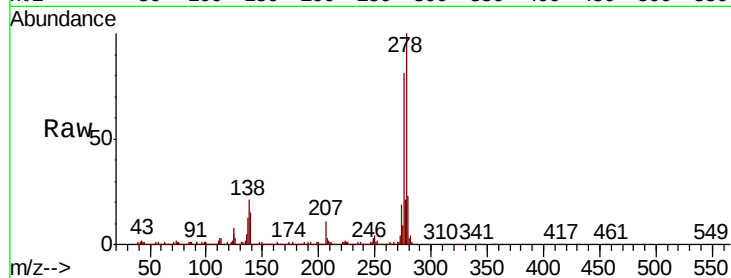
BNA_M

ClientSampled :

PB116472BS

Tot Ion:278 Resp: 2832722

Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.2	19.8
279	22.8	19.0	28.4

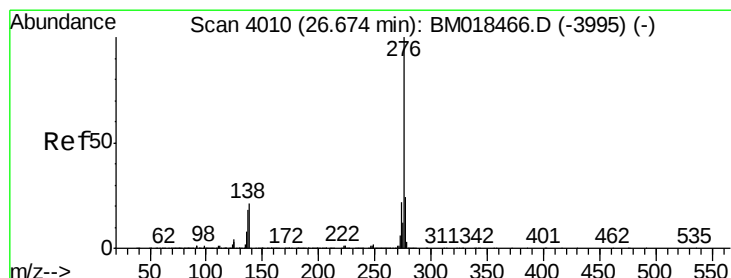
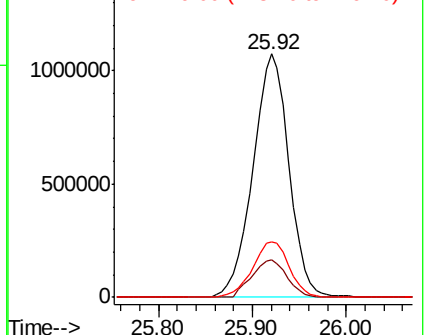
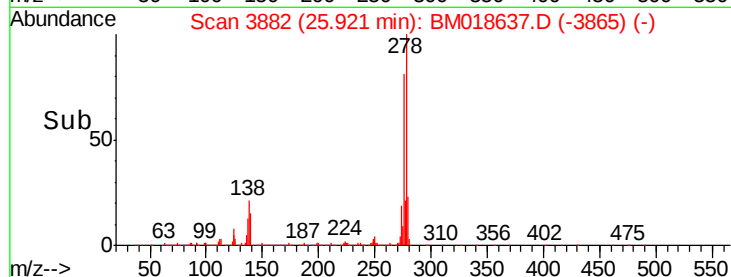


Abundance

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: 46.541 ng

RT: 26.61 min Scan# 4000

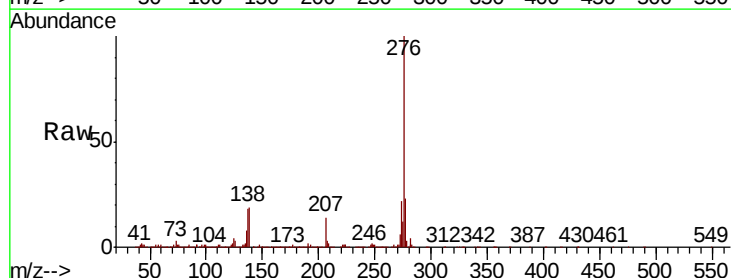
Delta R.T. -0.00 min

Lab File: BM018637.D

Acq: 18 Jan 2019 15:13

Tgt Ion:276 Resp: 2808888

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	19.5	18.1	27.1



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

