

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111318\
 Data File : BM017641.D
 Acq On : 14 Nov 2018 03:27
 Operator : MJ/SJ
 Sample : PB114777BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

Quant Time: Nov 14 04:39:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	199353	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	836627	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	488507	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1086632	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1072144	20.00	ng	0.00
87) Perylene-d12	23.41	264	896060	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1751838	148.30	ng	0.00
7) Phenol-d6	6.81	99	2308915	139.95	ng	0.00
23) Nitrobenzene-d5	8.77	82	1077635	66.50	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	967702	137.87	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2483367	65.95	ng	0.00
79) Terphenyl-d14	19.66	244	3613414	76.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	289794	58.906	ng	99
3) Pyridine	3.61	79	559592	38.778	ng	99
4) n-Nitrosodimethylamine	3.53	42	298926	47.025	ng	98
6) Aniline	6.96	93	788678	38.549	ng	99
8) 2-Chlorophenol	7.19	128	659740	46.668	ng	99
9) Benzaldehyde	6.77	77	394148	32.796	ng	95
10) Phenol	6.83	94	813071	46.953	ng	99
11) bis(2-Chloroethyl)ether	7.06	93	576928	42.203	ng	99
12) 1,3-Dichlorobenzene	7.50	146	659309	41.569	ng	97
13) 1,4-Dichlorobenzene	7.65	146	682683	41.993	ng	100
14) 1,2-Dichlorobenzene	7.96	146	654542	41.522	ng	99
15) Benzyl Alcohol	7.86	79	573092	43.619	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.15	45	863602	41.493	ng	99
17) 2-Methylphenol	8.06	107	535442	45.900	ng	97
18) Hexachloroethane	8.67	117	247908	43.266	ng	96
19) n-Nitroso-di-n-propylamine	8.42	70	488898	41.271	ng	99
20) 3+4-Methylphenols	8.39	107	735279	45.365	ng	99
22) Acetophenone	8.44	105	943653	45.193	ng	# 99
24) Nitrobenzene	8.81	77	721191	43.862	ng	100
25) Isophorone	9.33	82	1254940	50.137	ng	99
26) 2-Nitrophenol	9.52	139	347275	45.854	ng	99
27) 2,4-Dimethylphenol	9.58	122	593734	54.396	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	802512	47.339	ng	99
29) 2,4-Dichlorophenol	10.05	162	619977	48.931	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	646697	43.884	ng	97
31) Naphthalene	10.43	128	1951364	47.439	ng	99
32) Benzoic acid	9.75	122	379329	38.365	ng	98
33) 4-Chloroaniline	10.56	127	421813	23.415	ng	99
34) Hexachlorobutadiene	10.72	225	390391	42.672	ng	97
35) Caprolactam	11.36	113	98961	21.209	ng	97
36) 4-Chloro-3-methylphenol	11.69	107	681983	46.620	ng	98
37) 2-Methylnaphthalene	12.06	142	1450527	49.894	ng	98
38) 1-Methylnaphthalene	12.28	142	1376726	48.296	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	746244	43.320	ng	99

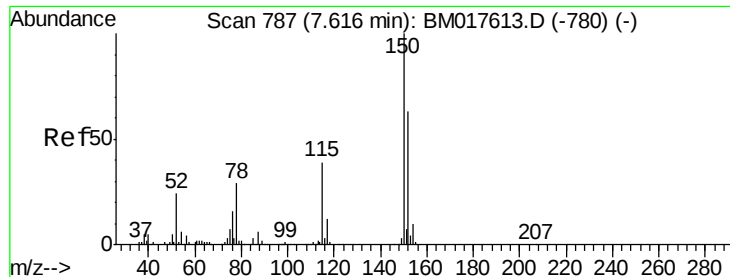
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111318\
 Data File : BM017641.D
 Acq On : 14 Nov 2018 03:27
 Operator : MJ/SJ
 Sample : PB114777BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

Quant Time: Nov 14 04:39:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1021991	114.814	ng	99
43) 2,4,6-Trichlorophenol	12.68	196	511408	47.397	ng	99
44) 2,4,5-Trichlorophenol	12.75	196	538665	47.282	ng	99
46) 1,1'-Biphenyl	13.09	154	1832168	41.783	ng	99
47) 2-Chloronaphthalene	13.13	162	1441249	44.282	ng	98
48) 2-Nitroaniline	13.34	65	456557	45.360	ng	97
49) Acenaphthylene	13.98	152	2360157	48.265	ng	99
50) Dimethylphthalate	13.73	163	1783089	44.894	ng	99
51) 2,6-Dinitrotoluene	13.85	165	401881	45.441	ng	99
52) Acenaphthene	14.33	154	1355981	45.184	ng	100
53) 3-Nitroaniline	14.19	138	298047	30.953	ng	98
54) 2,4-Dinitrophenol	14.40	184	473411	86.994	ng	98
55) Dibenzofuran	14.66	168	2183645	44.526	ng	98
56) 4-Nitrophenol	14.50	139	653731	80.723	ng	98
57) 2,4-Dinitrotoluene	14.64	165	566397	47.510	ng	98
58) Fluorene	15.32	166	1799517	47.930	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.89	232	500546	47.768	ng	99
60) Diethylphthalate	15.10	149	1812523	42.236	ng	99
61) 4-Chlorophenyl-phenylether	15.32	204	903561	42.359	ng	99
62) 4-Nitroaniline	15.36	138	382323	42.130	ng	98
63) Azobenzene	15.61	77	1755790	44.259	ng	99
65) 4,6-Dinitro-2-methylphenol	15.41	198	315558	41.920	ng	96
66) n-Nitrosodiphenylamine	15.53	169	1563365	44.749	ng	98
67) 4-Bromophenyl-phenylether	16.21	248	558152	43.431	ng	97
68) Hexachlorobenzene	16.32	284	624529	43.107	ng	99
69) Atrazine	16.50	200	559718	43.559	ng	98
70) Pentachlorophenol	16.67	266	779365	76.775	ng	98
71) Phenanthrene	17.06	178	2775361	47.069	ng	99
72) Anthracene	17.14	178	2831098	49.343	ng	100
73) Carbazole	17.43	167	2506835	43.238	ng	100
74) Di-n-butylphthalate	17.99	149	3000595	46.491	ng	99
75) Fluoranthene	19.08	202	3141321	47.086	ng	99
77) Benzidine	19.28	184	1935603	55.440	ng	100
78) Pyrene	19.44	202	3225490	48.758	ng	100
80) Butylbenzylphthalate	20.36	149	1310557	48.777	ng	98
81) Benzo(a)anthracene	21.20	228	2988078	48.376	ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	731192	30.672	ng	98
83) Chrysene	21.25	228	2771039	46.189	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	1824796	45.941	ng	100
85) Di-n-octyl phthalate	22.01	149	2983580	46.910	ng	100
86) Indeno(1,2,3-cd)pyrene	25.60	276	2416094	50.397	ng	100
88) Benzo(b)fluoranthene	22.76	252	2562206	48.826	ng	99
89) Benzo(k)fluoranthene	22.80	252	2548009	48.040	ng	99
90) Benzo(a)pyrene	23.31	252	2366434	49.458	ng	100
91) Dibenzo(a,h)anthracene	25.60	278	2062173	51.265	ng	99
92) Benzo(g,h,i)perylene	26.26	276	1974335	52.194	ng	99

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

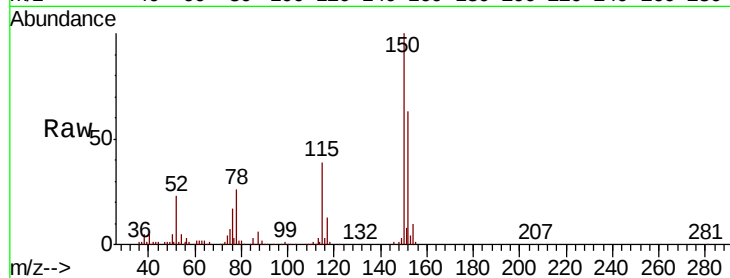


#1

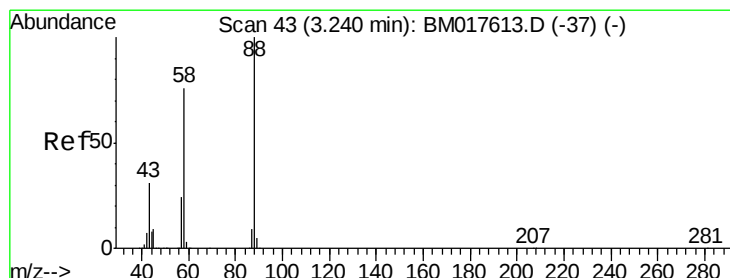
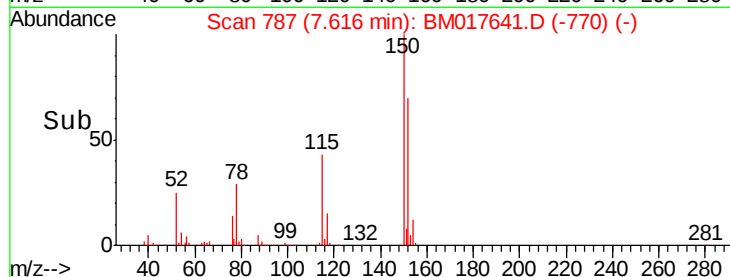
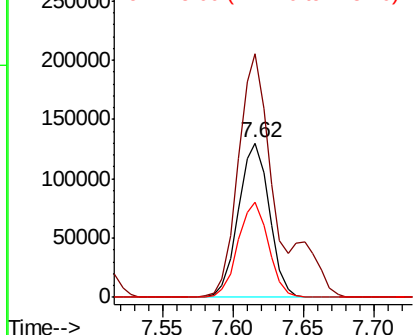
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tgt Ion: 152 Resp: 199353
Ion Ratio Lower Upper
152 100
150 158.0 126.4 189.6
115 61.7 49.4 74.0



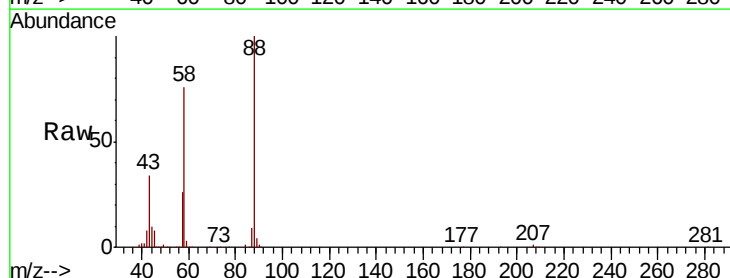
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



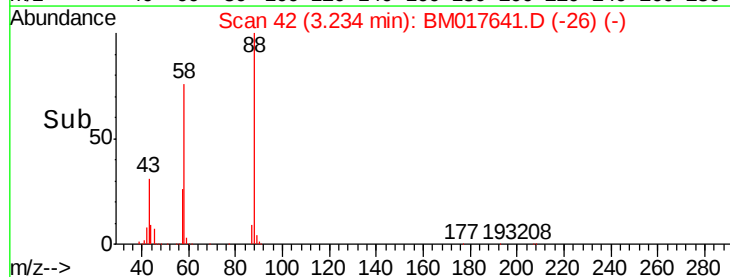
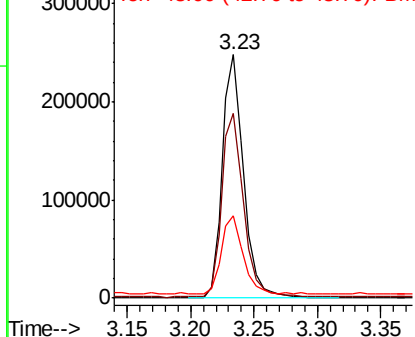
#2

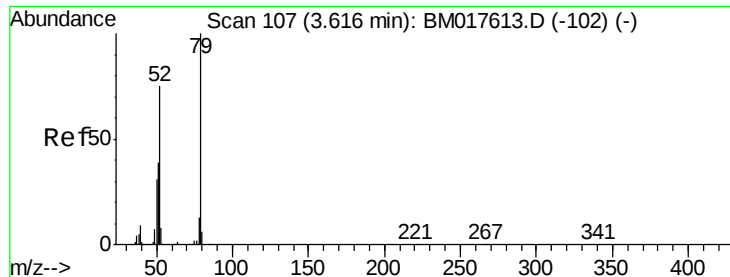
1,4-Dioxane
Concen: 58.906 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.01 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion: 88 Resp: 289794
Ion Ratio Lower Upper
88 100
58 76.8 62.0 93.0
43 33.0 26.8 40.2



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





#3

Pyridine

Concen: 38.778 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

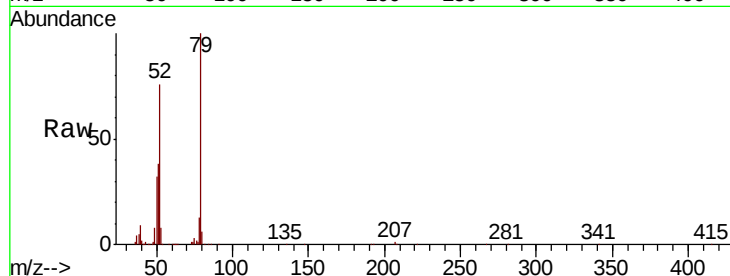
Tgt Ion: 79 Resp: 559592

Ion Ratio Lower Upper

79 100

52 75.9 60.1 90.1

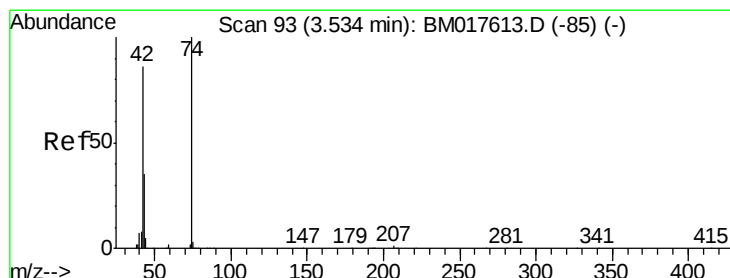
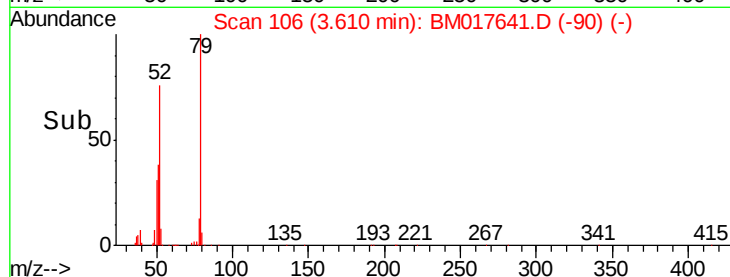
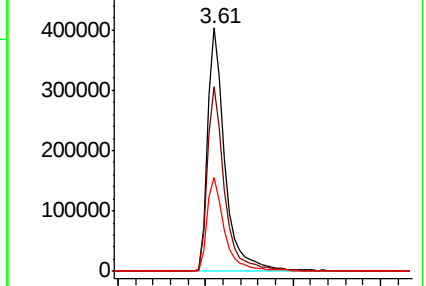
51 38.4 31.1 46.7



Abundance Ion 79.00 (78.70 to 79.70): BM017641.D (-102) (-)

Ion 52.00 (51.70 to 52.70): BM017641.D (-102) (-)

Ion 51.00 (50.70 to 51.70): BM017641.D (-102) (-)



#4

n-Nitrosodimethylamine

Concen: 47.025 ng

RT: 3.53 min Scan# 92

Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

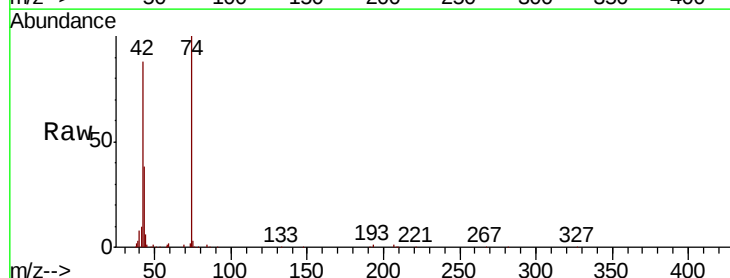
Tgt Ion: 42 Resp: 298926

Ion Ratio Lower Upper

42 100

74 113.8 93.1 139.7

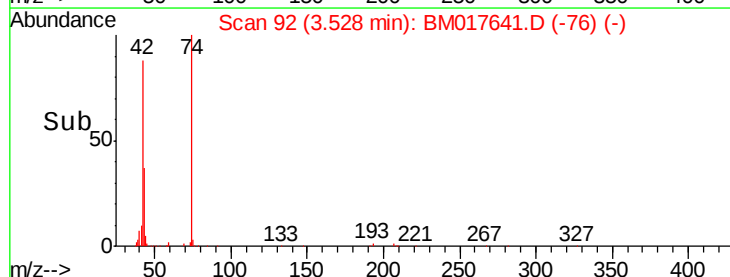
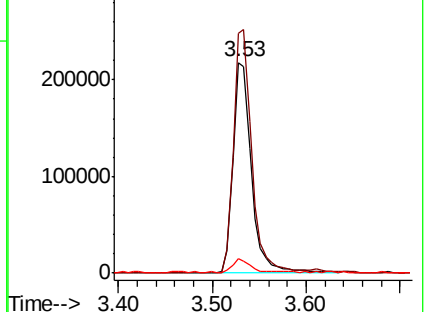
44 6.7 5.0 7.6

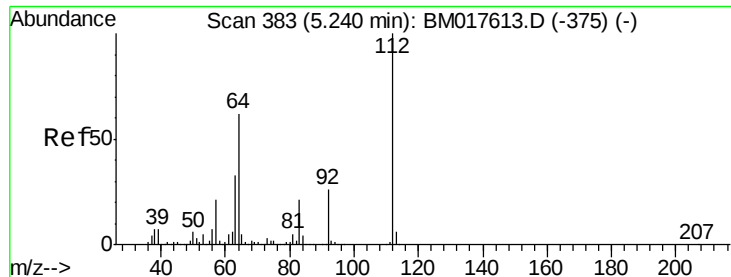


Abundance Ion 42.00 (41.70 to 42.70): BM017641.D (-85) (-)

Ion 74.00 (73.70 to 74.70): BM017641.D (-85) (-)

Ion 44.00 (43.70 to 44.70): BM017641.D (-85) (-)





#5

2-Fluorophenol

Concen: 148.304 ng

RT: 5.24 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

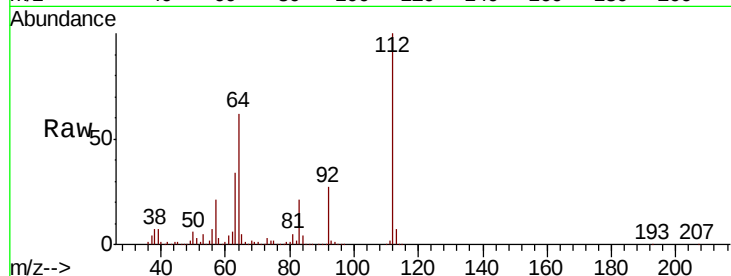
Tgt Ion:112 Resp: 1751838

Ion Ratio Lower Upper

112 100

64 62.3 49.3 73.9

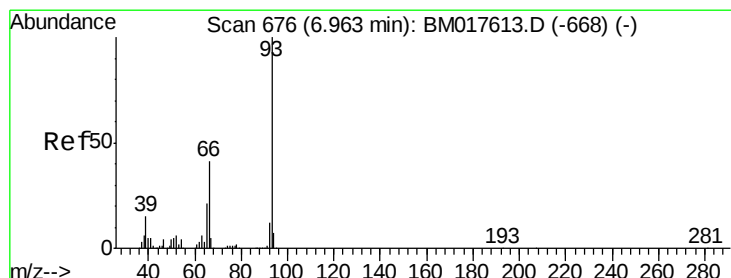
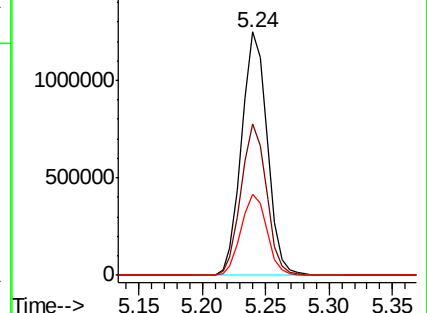
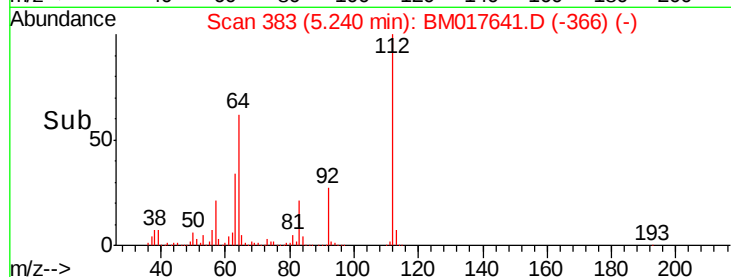
63 33.5 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 38.549 ng

RT: 6.96 min Scan# 676

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

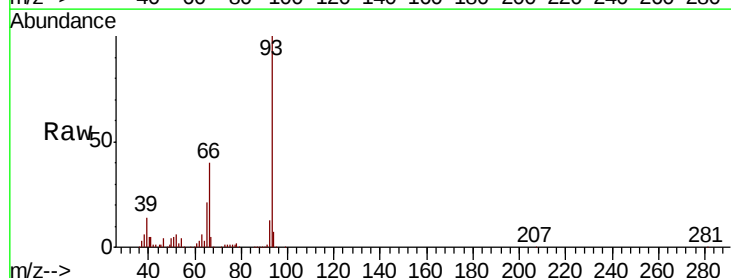
Tgt Ion: 93 Resp: 788678

Ion Ratio Lower Upper

93 100

66 40.4 32.8 49.2

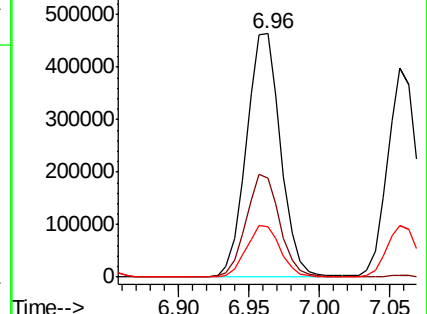
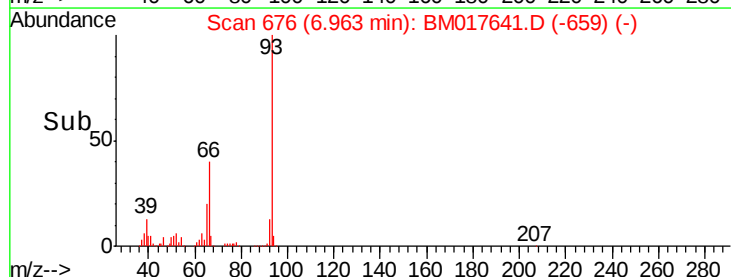
65 20.6 16.6 25.0

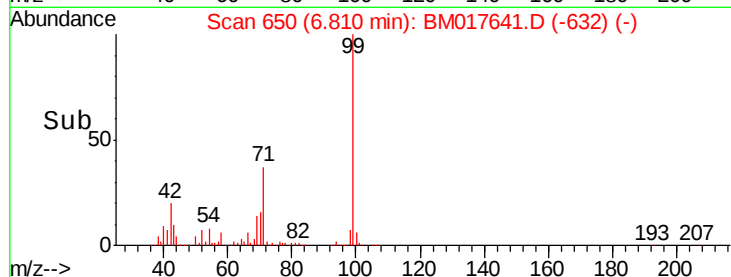
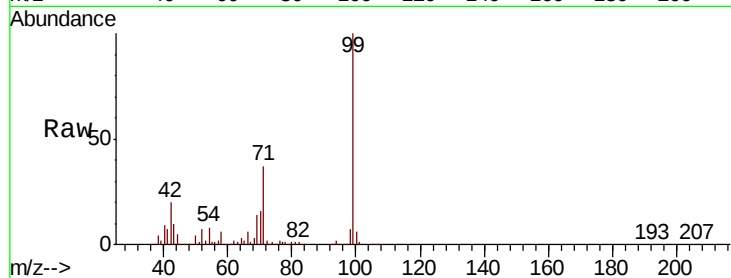
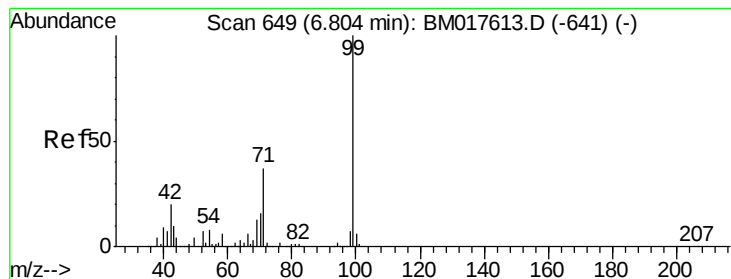


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 139.953 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

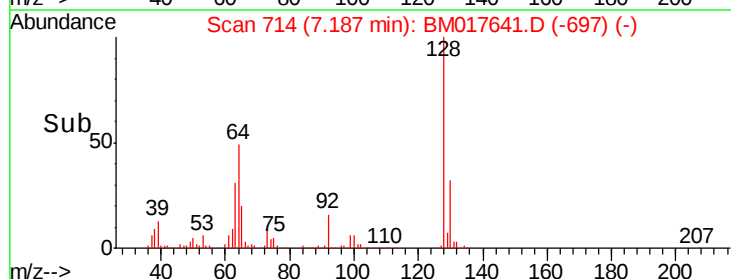
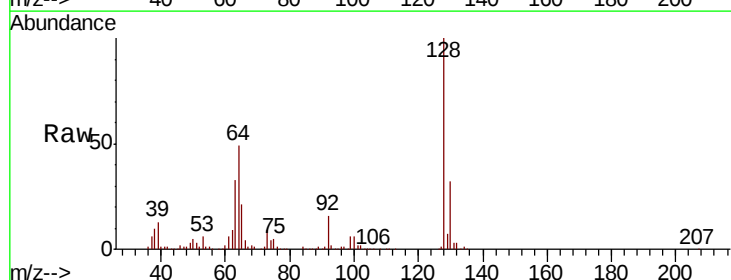
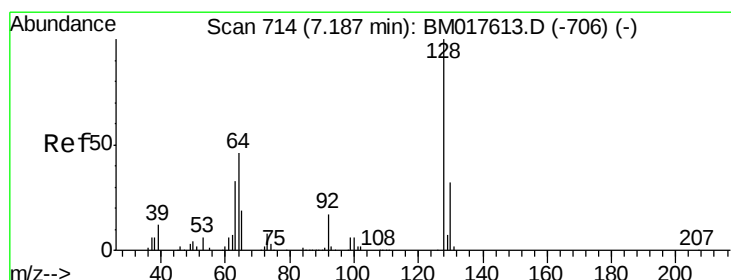
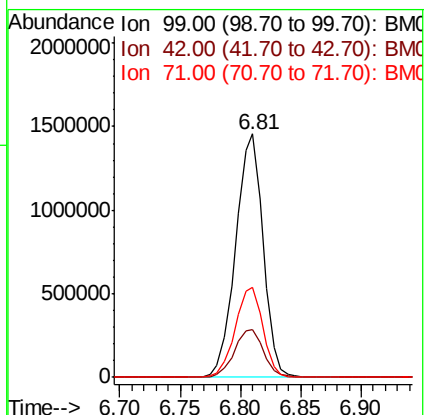
Tgt Ion: 99 Resp: 2308915

Ion Ratio Lower Upper

99 100

42 19.9 16.3 24.5

71 37.0 29.8 44.8



#8

2-Chlorophenol

Concen: 46.668 ng

RT: 7.19 min Scan# 714

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

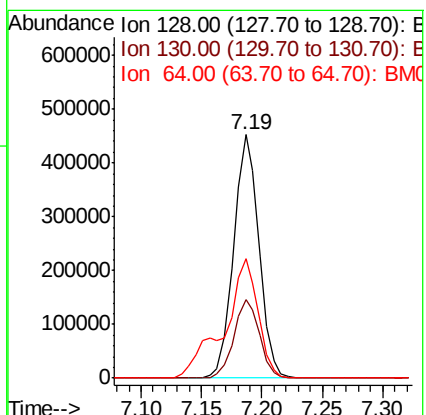
Tgt Ion: 128 Resp: 659740

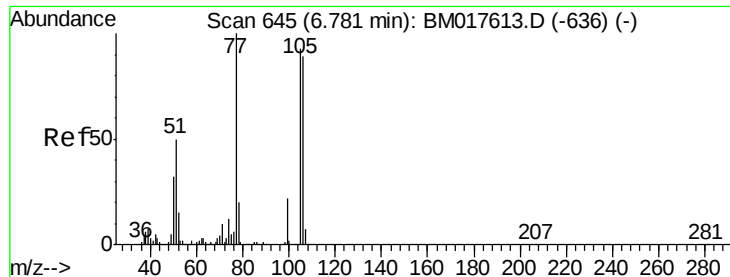
Ion Ratio Lower Upper

128 100

130 32.0 12.4 52.4

64 49.3 30.0 70.0





#9

Benzaldehyde

Concen: 32.796 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

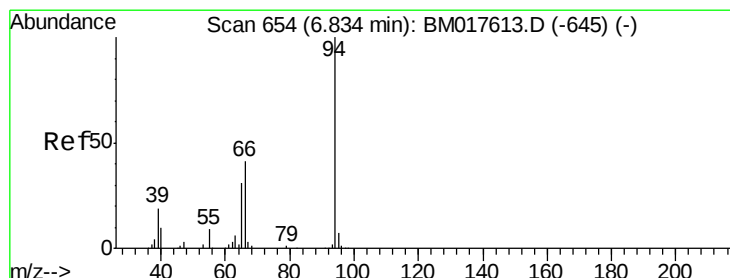
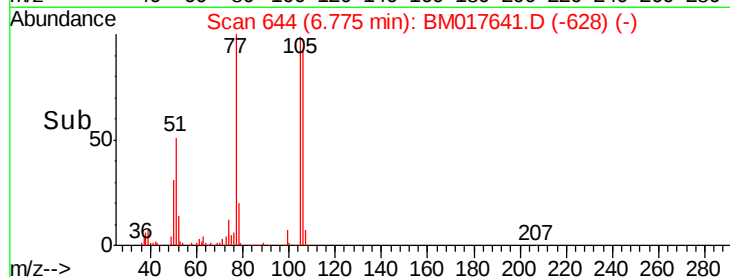
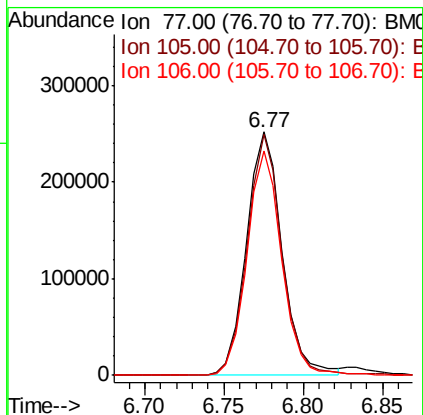
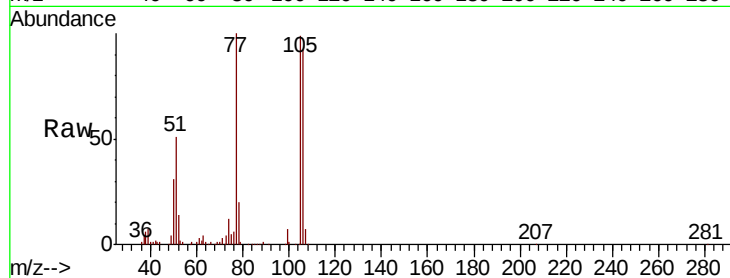
Tgt Ion: 77 Resp: 394148

Ion Ratio Lower Upper

77 100

105 99.2 72.7 112.7

106 92.1 68.9 108.9



#10

Phenol

Concen: 46.953 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

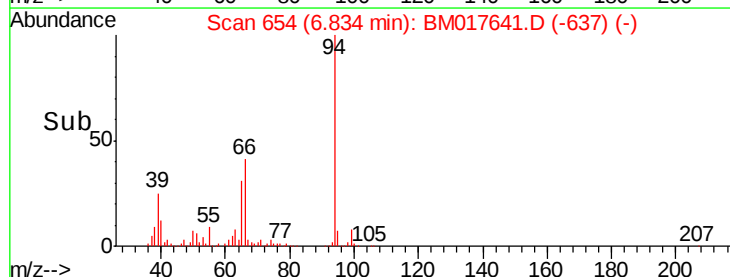
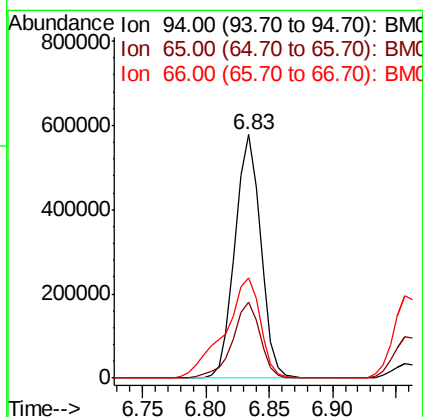
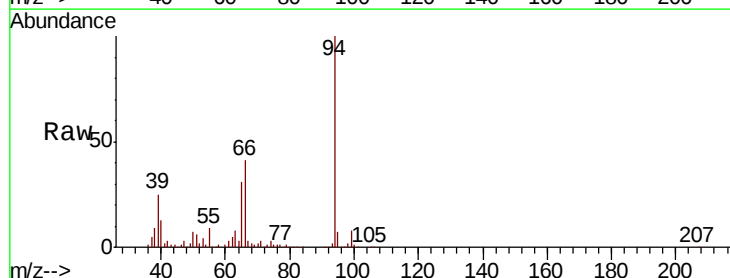
Tgt Ion: 94 Resp: 813071

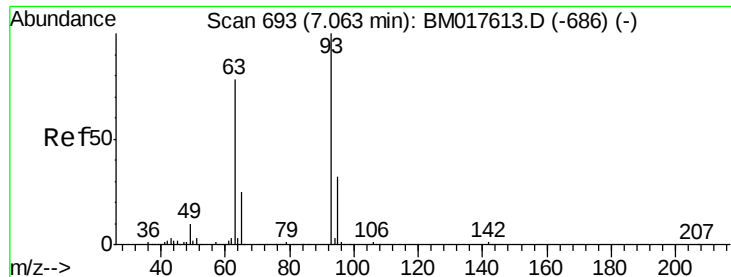
Ion Ratio Lower Upper

94 100

65 30.9 11.4 51.4

66 41.1 21.4 61.4

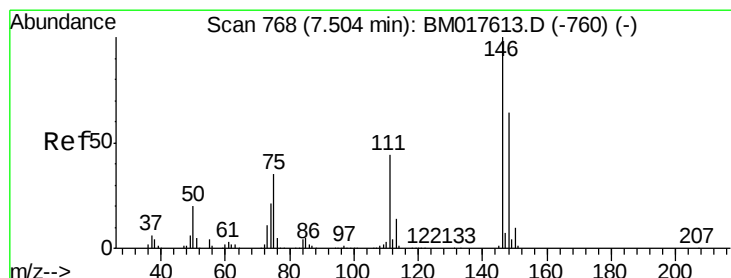
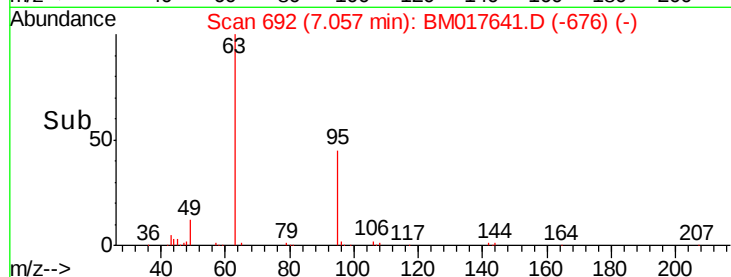
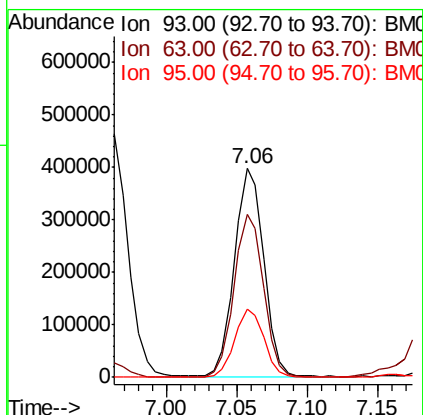
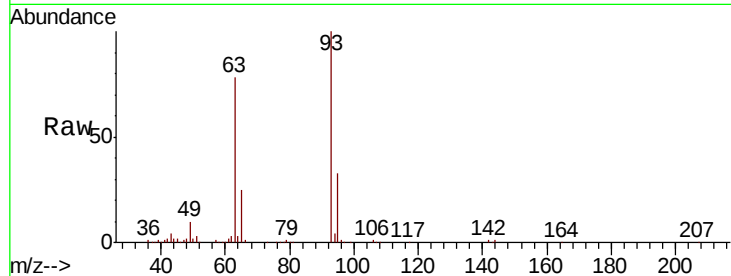




#11
bis(2-Chloroethyl)ether
Concen: 42.203 ng
RT: 7.06 min Scan# 692
Delta R.T. -0.01 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

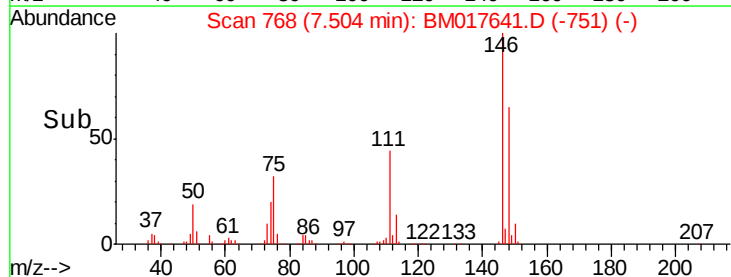
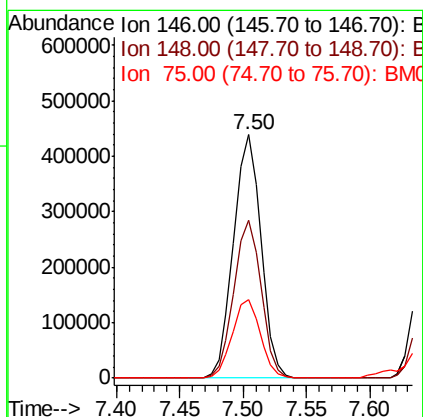
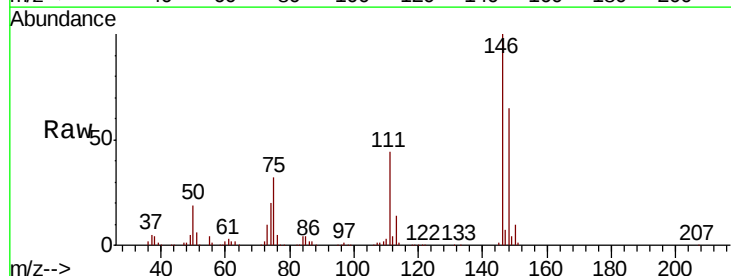
Instrument :
BNA_M
ClientSampleId :
PB114777BSD

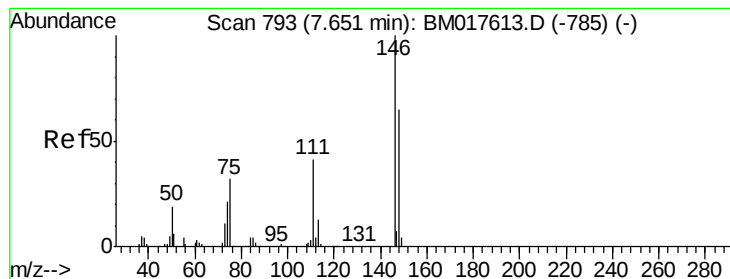
Tgt Ion: 93 Resp: 576928
Ion Ratio Lower Upper
93 100
63 78.4 57.9 97.9
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.569 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion: 146 Resp: 659309
Ion Ratio Lower Upper
146 100
148 64.9 51.2 76.8
75 32.2 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 41.993 ng

RT: 7.65 min Scan# 793

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

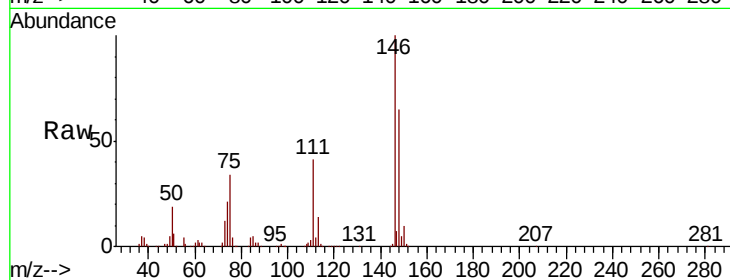
Tgt Ion:146 Resp: 682683

Ion Ratio Lower Upper

146 100

148 64.9 52.0 78.0

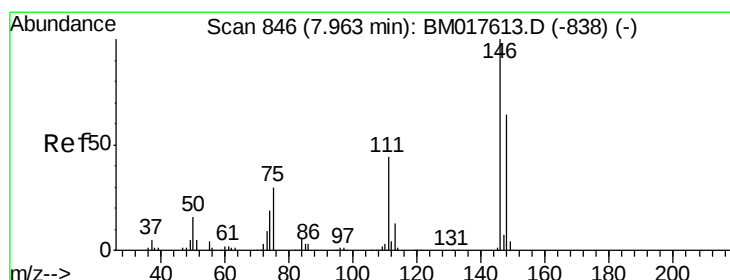
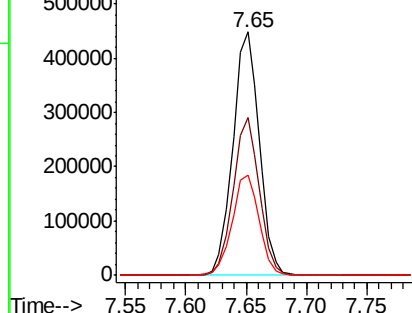
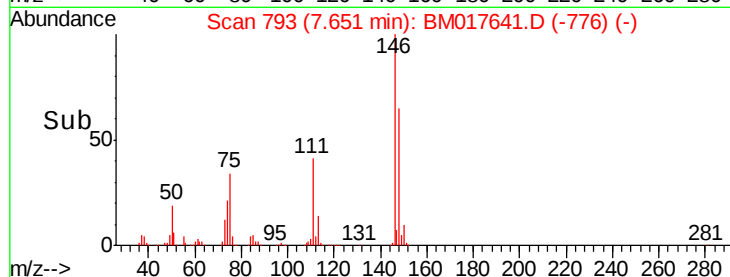
111 41.3 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.522 ng

RT: 7.96 min Scan# 846

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

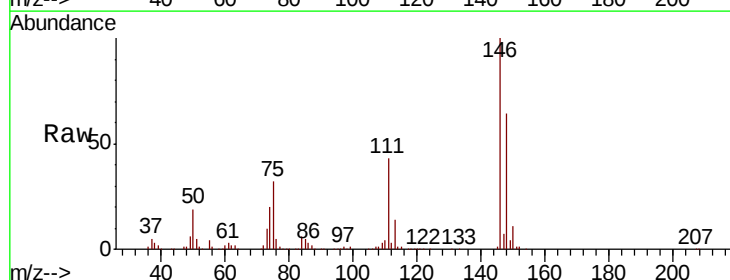
Tgt Ion:146 Resp: 654542

Ion Ratio Lower Upper

146 100

148 64.4 51.6 77.4

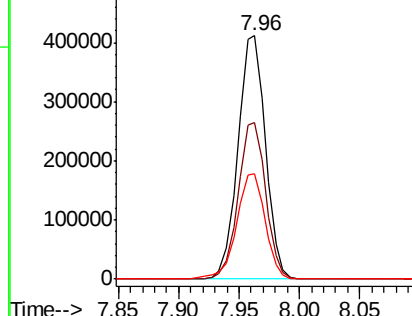
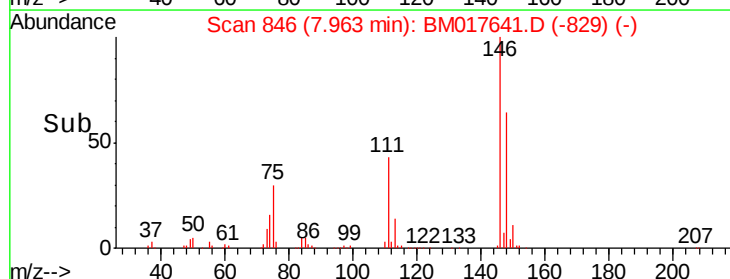
111 43.5 35.8 53.8

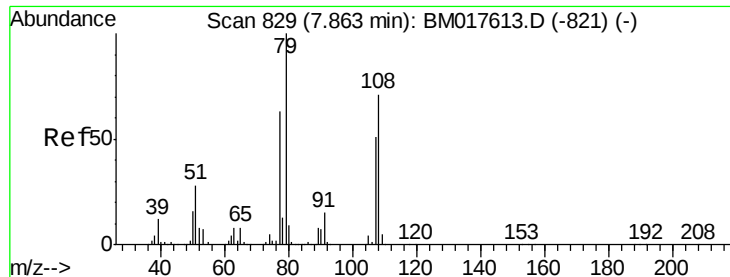


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.619 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

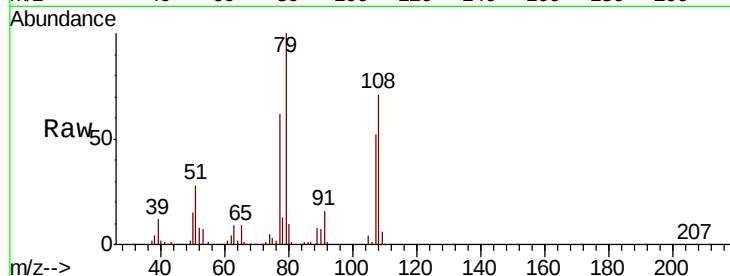
Tgt Ion: 79 Resp: 573092

Ion Ratio Lower Upper

79 100

108 71.3 57.1 85.7

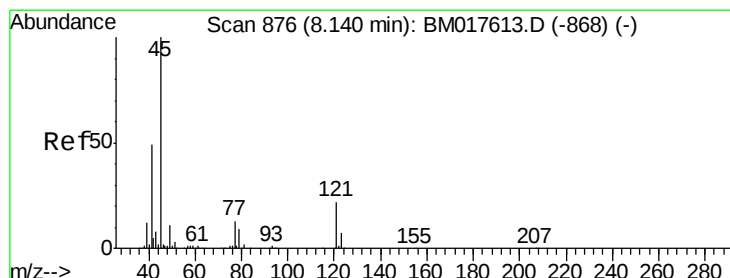
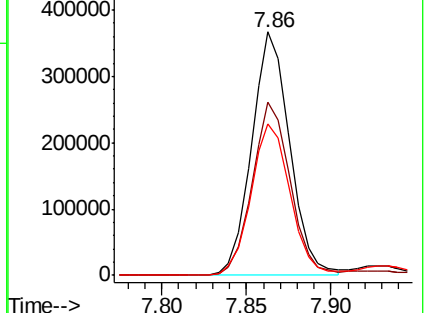
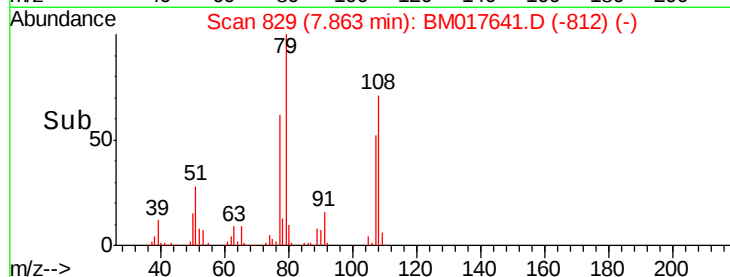
77 62.4 50.4 75.6



Abundance Ion 79.00 (78.70 to 79.70): BM017641.D (-812) (-)

Ion 108.00 (107.70 to 108.70): BM017641.D (-812) (-)

Ion 77.00 (76.70 to 77.70): BM017641.D (-812) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.493 ng

RT: 8.15 min Scan# 877

Delta R.T. 0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

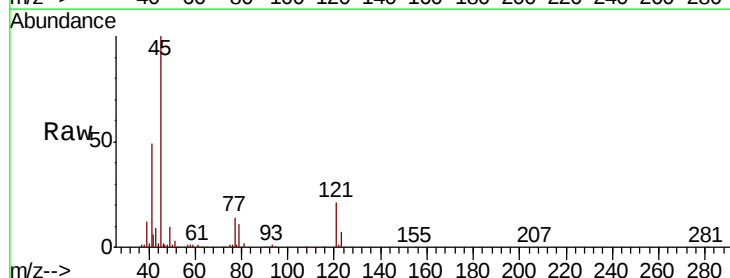
Tgt Ion: 45 Resp: 863602

Ion Ratio Lower Upper

45 100

77 13.7 0.0 34.2

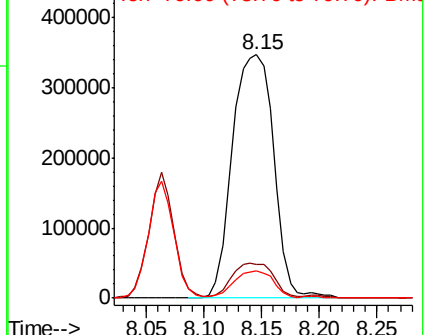
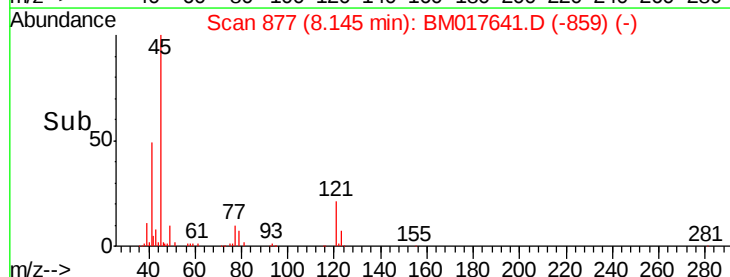
79 11.0 0.0 30.5

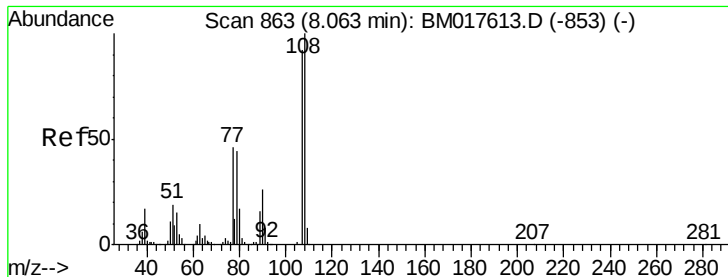


Abundance Ion 45.00 (44.70 to 45.70): BM017641.D (-859) (-)

Ion 77.00 (76.70 to 77.70): BM017641.D (-859) (-)

Ion 79.00 (78.70 to 79.70): BM017641.D (-859) (-)

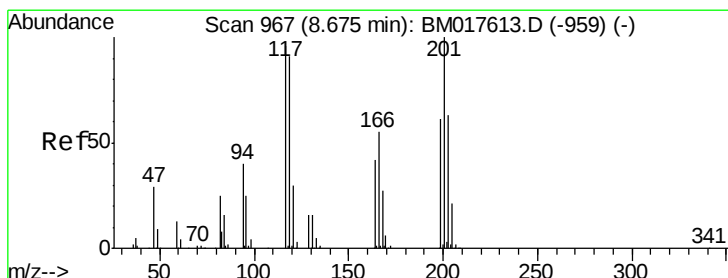
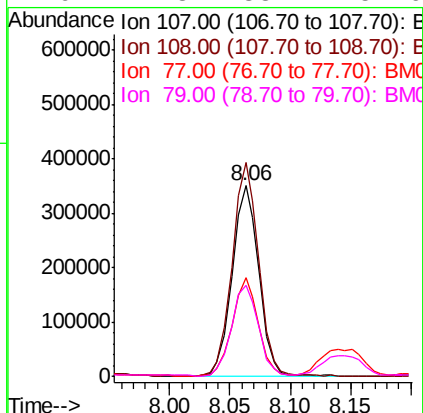
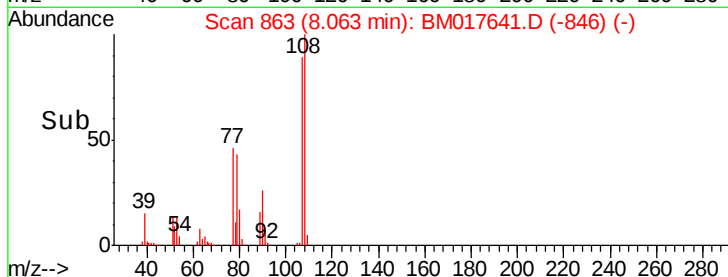
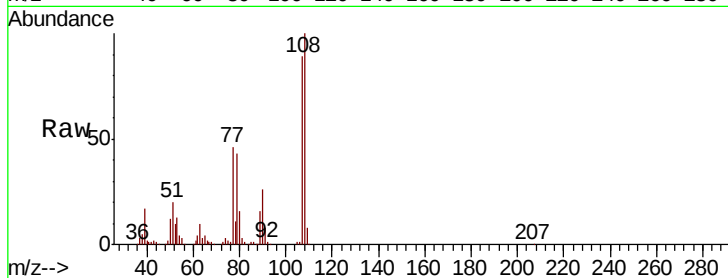




#17
2-Methylphenol
Concen: 45.900 ng
RT: 8.06 min Scan# 863
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

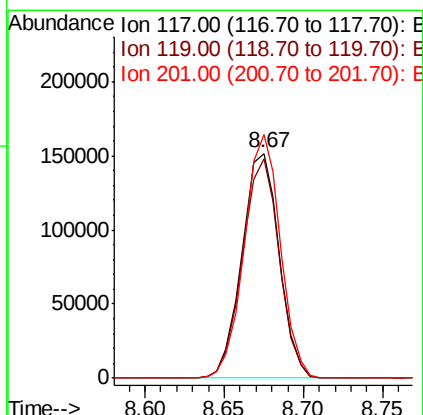
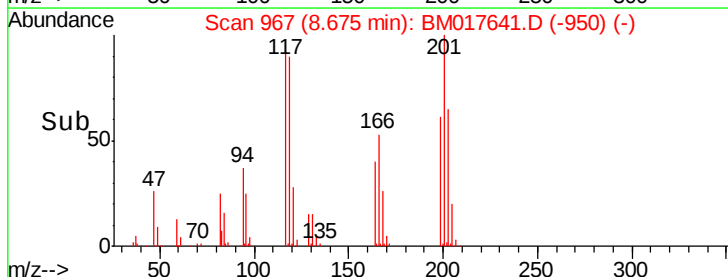
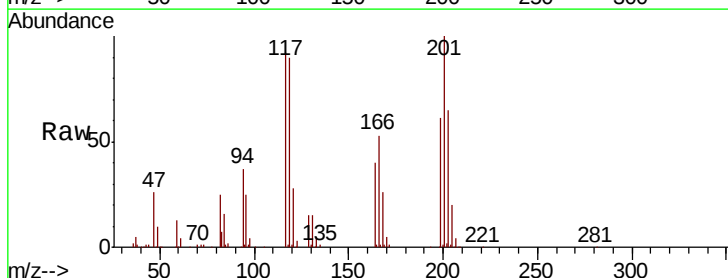
Instrument :
BNA_M
ClientSampleId :
PB114777BSD

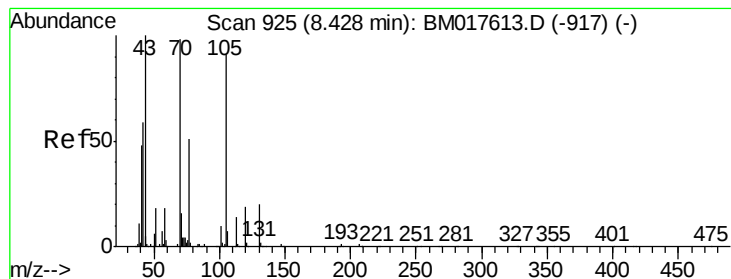
Tgt Ion:	107	Resp:	535442
Ion	Ratio	Lower	Upper
107	100		
108	112.2	86.7	130.1
77	51.5	39.8	59.6
79	47.8	38.4	57.6



#18
Hexachloroethane
Concen: 43.266 ng
RT: 8.67 min Scan# 967
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion:	117	Resp:	247908
Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.8	113.8
201	108.4	83.0	124.4





#19

n-Nitroso-di-n-propylamine

Concen: 41.271 ng

RT: 8.42 min Scan# 924

Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

Tgt Ion: 70 Resp: 488898

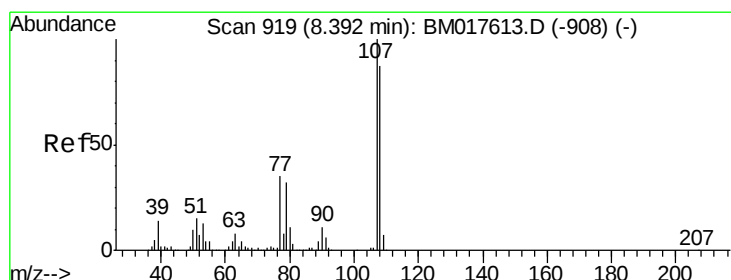
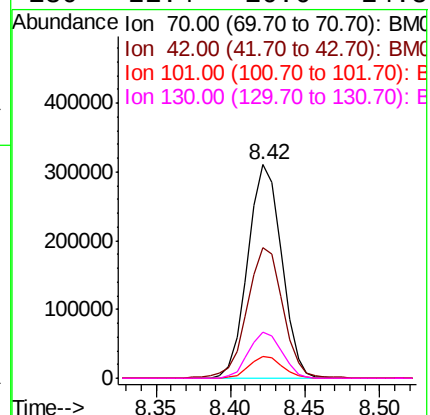
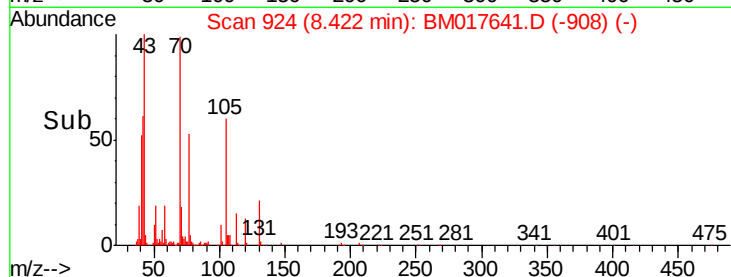
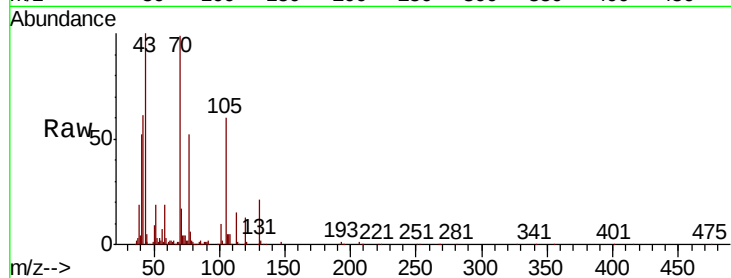
Ion Ratio Lower Upper

70 100

42 61.4 48.6 73.0

101 10.2 7.9 11.9

130 21.4 16.6 24.8



#20

3+4-Methylphenols

Concen: 45.365 ng

RT: 8.39 min Scan# 919

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Tgt Ion: 107 Resp: 735279

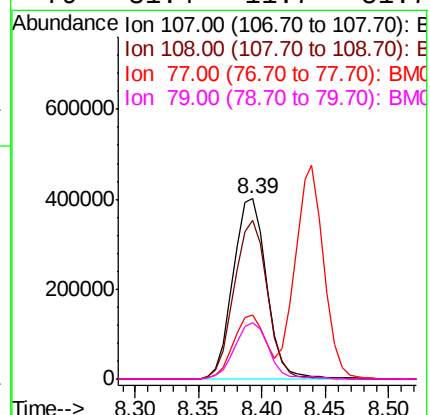
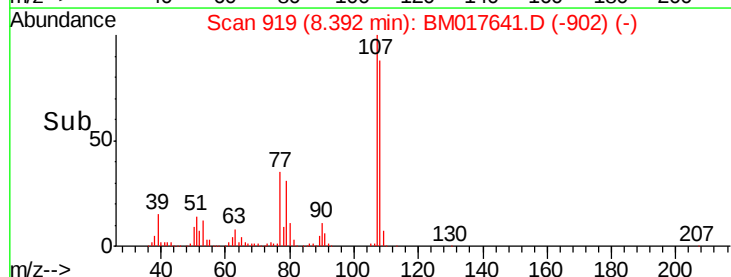
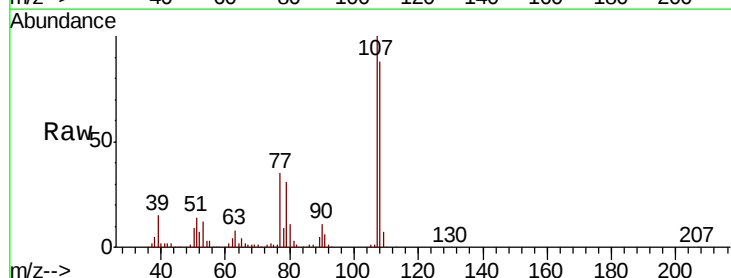
Ion Ratio Lower Upper

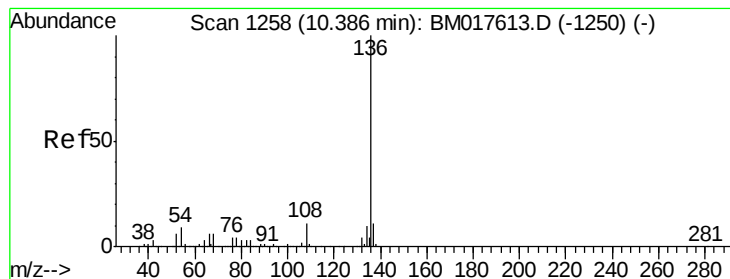
107 100

108 88.4 67.0 107.0

77 35.3 15.6 55.6

79 31.4 11.7 51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

Tgt Ion:136 Resp: 836627

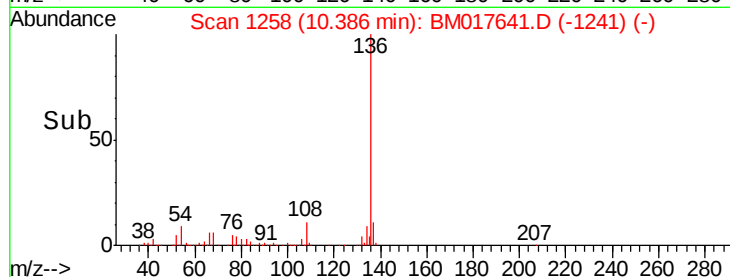
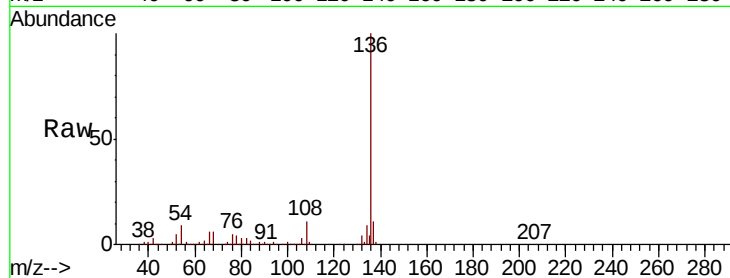
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 8.7 7.0 10.6

68 5.9 4.9 7.3

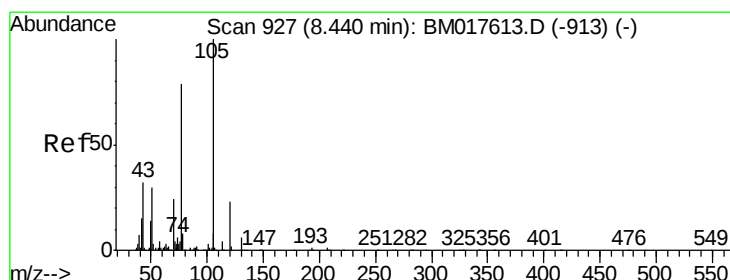
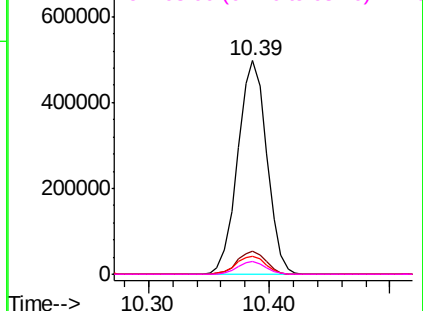


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 45.193 ng

RT: 8.44 min Scan# 927

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Tgt Ion:105 Resp: 943653

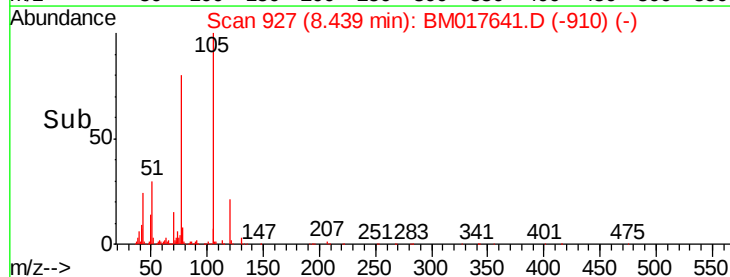
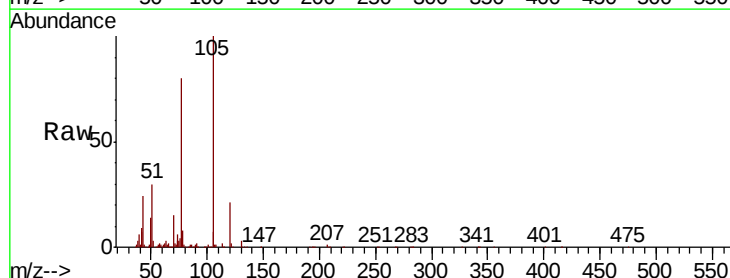
Ion Ratio Lower Upper

105 100

71 2.5 3.1 4.7#

51 30.0 23.8 35.8

120 21.2 18.0 27.0

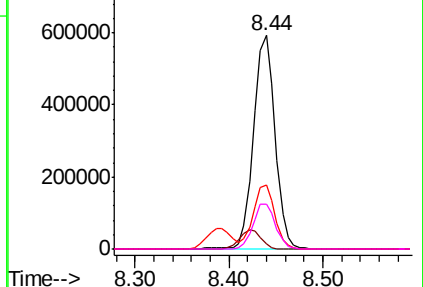


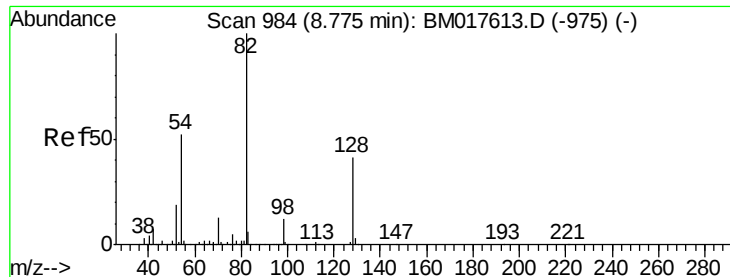
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 66.497 ng

RT: 8.77 min Scan# 983

Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

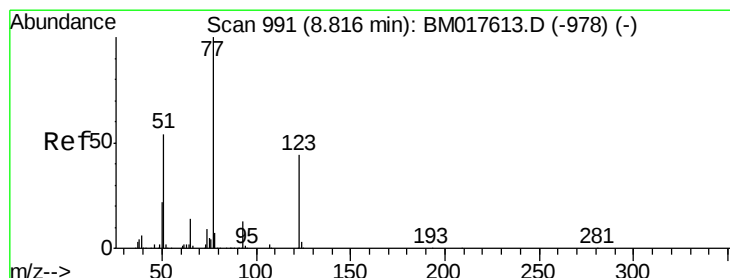
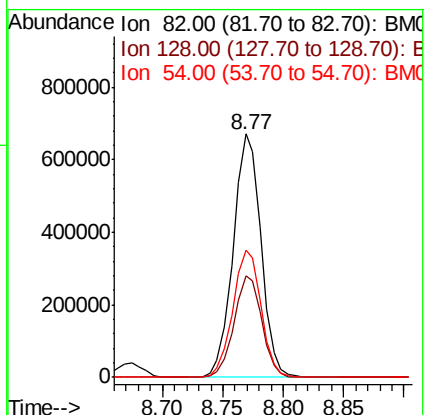
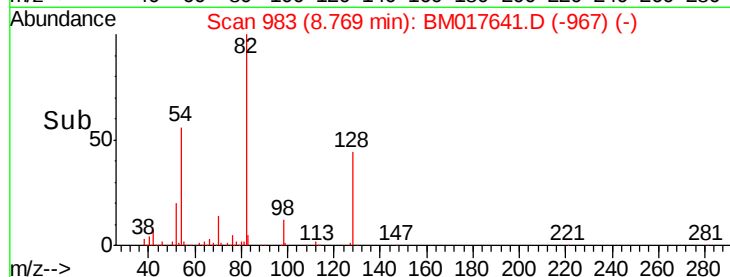
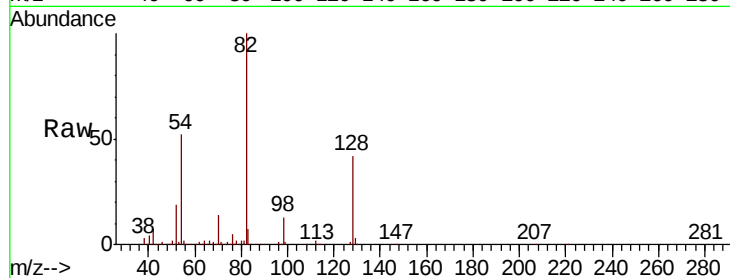
Tgt Ion: 82 Resp: 1077635

Ion Ratio Lower Upper

82 100

128 41.5 33.0 49.4

54 52.5 41.4 62.2



#24

Nitrobenzene

Concen: 43.862 ng

RT: 8.81 min Scan# 990

Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

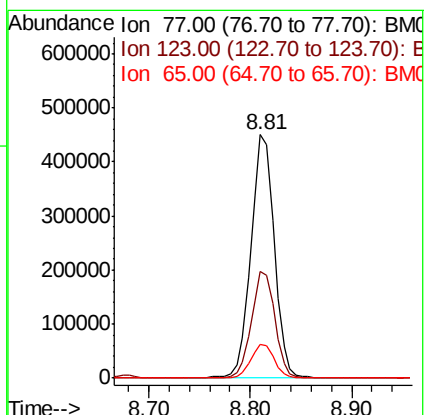
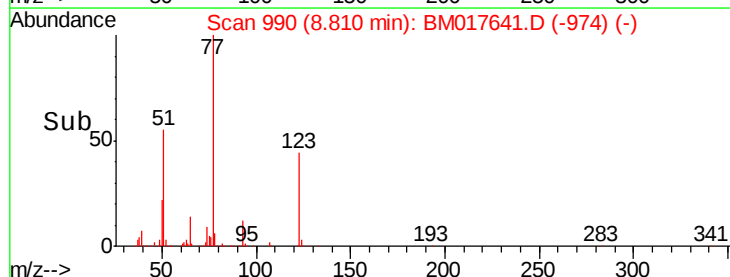
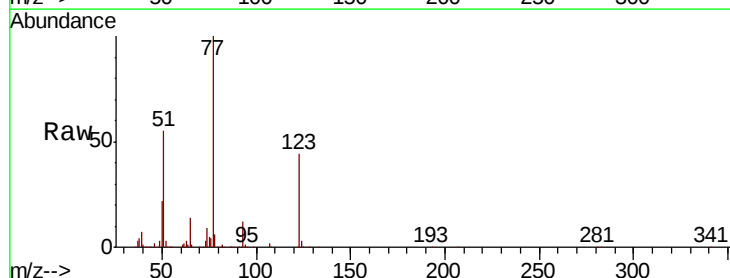
Tgt Ion: 77 Resp: 721191

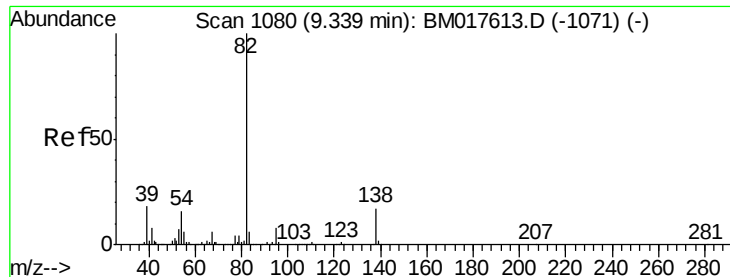
Ion Ratio Lower Upper

77 100

123 43.7 35.1 52.7

65 13.6 11.0 16.6

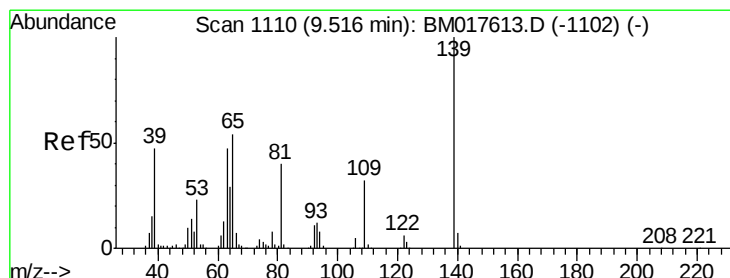
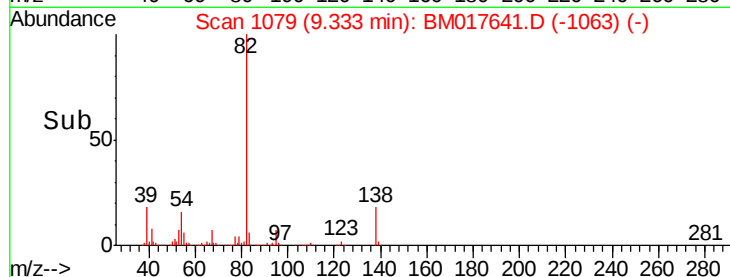
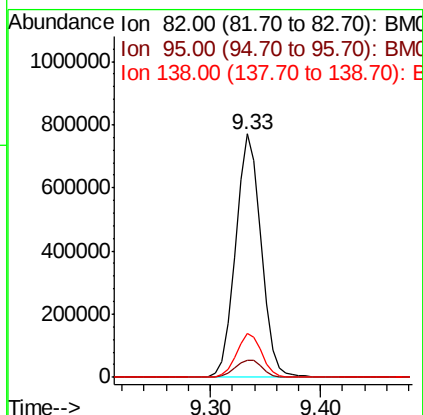
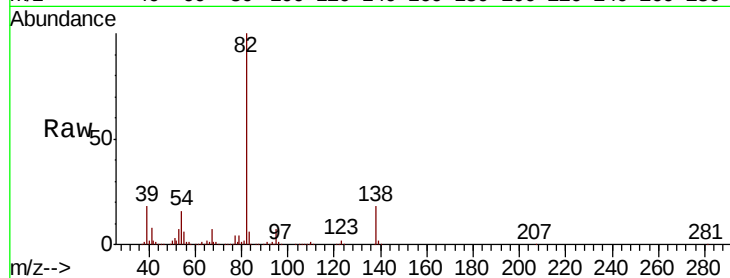




#25
Isophorone
Concen: 50.137 ng
RT: 9.33 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

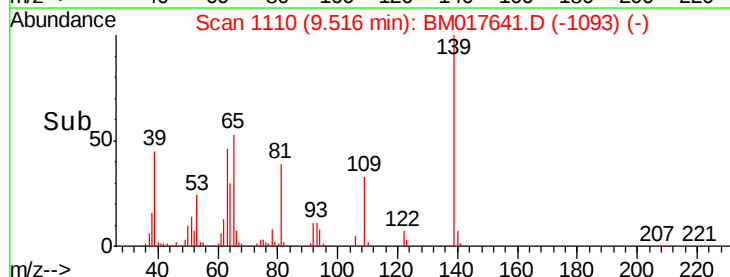
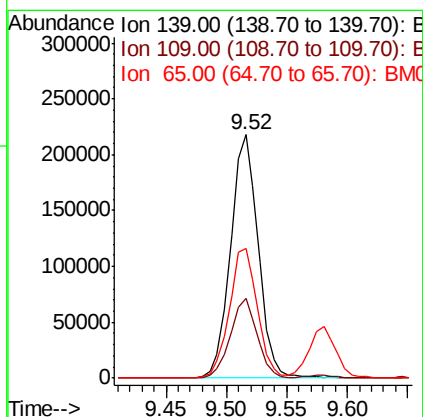
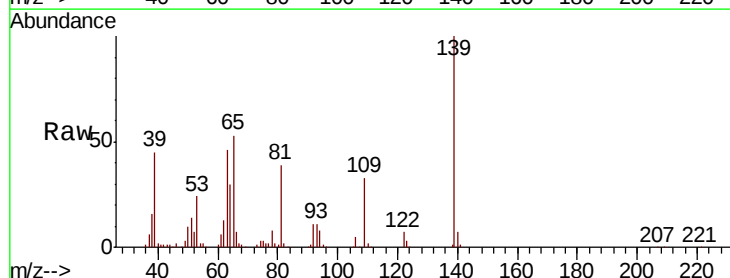
Instrument :
BNA_M
ClientSampleId :
PB114777BSD

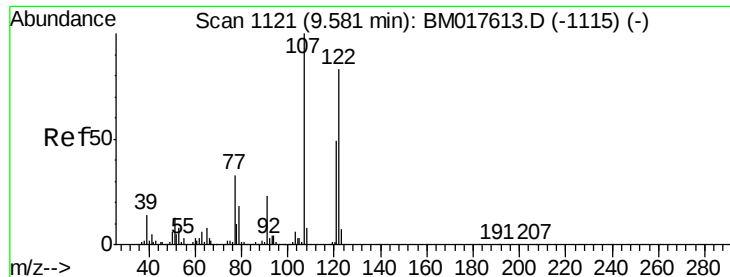
Tgt Ion: 82 Resp: 1254940
Ion Ratio Lower Upper
82 100
95 7.2 6.1 9.1
138 17.9 13.9 20.9



#26
2-Nitrophenol
Concen: 45.854 ng
RT: 9.52 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion: 139 Resp: 347275
Ion Ratio Lower Upper
139 100
109 32.7 25.9 38.9
65 53.3 43.0 64.4

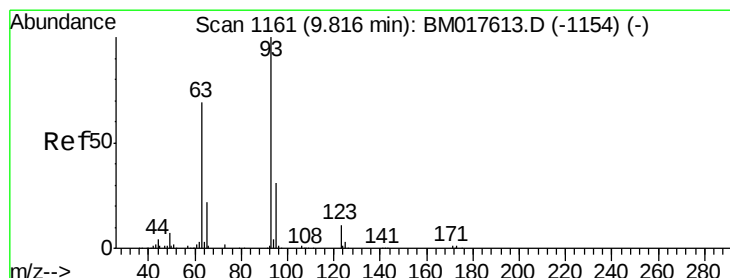
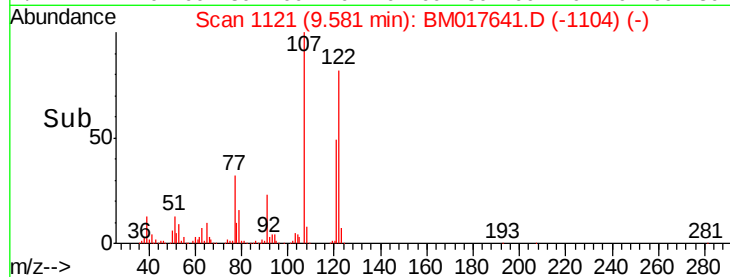
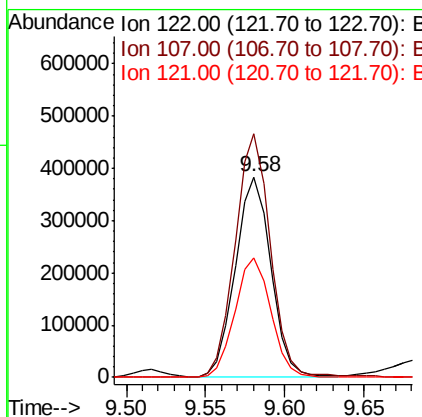
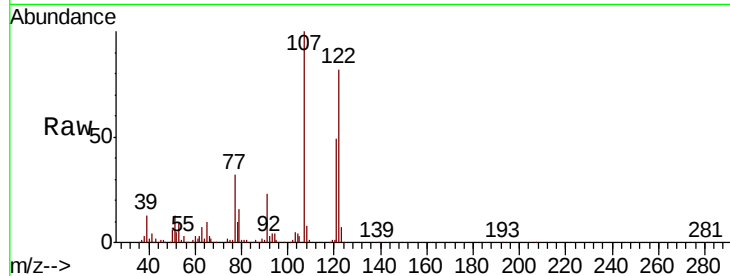




#27
 2,4-Dimethylphenol
 Concen: 54.396 ng
 RT: 9.58 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

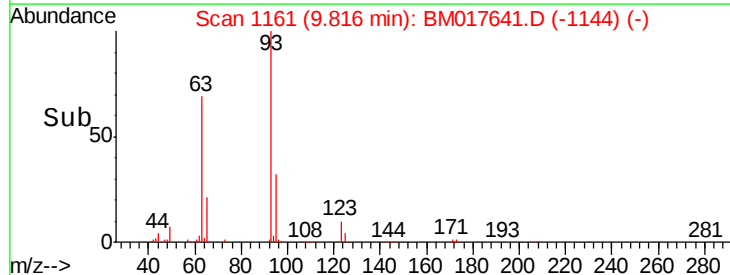
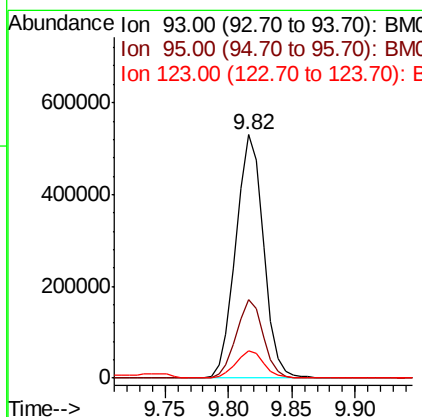
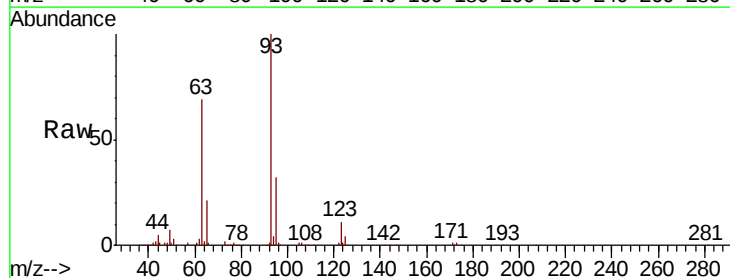
Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

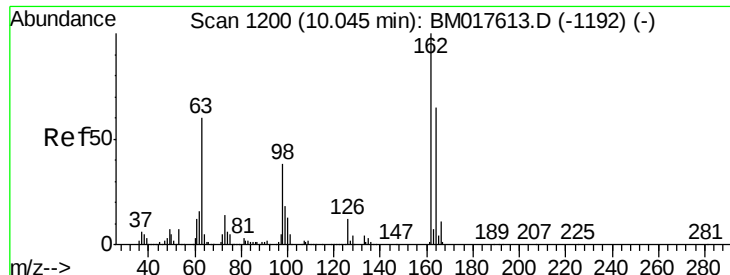
Tgt Ion: 122 Resp: 593734
 Ion Ratio Lower Upper
 122 100
 107 121.4 95.8 143.8
 121 59.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.339 ng
 RT: 9.82 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Tgt Ion: 93 Resp: 802512
 Ion Ratio Lower Upper
 93 100
 95 32.0 24.9 37.3
 123 11.0 8.7 13.1

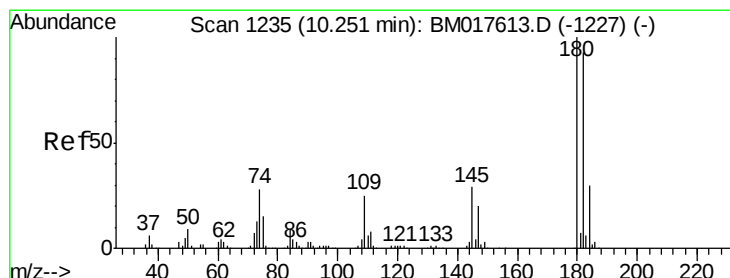
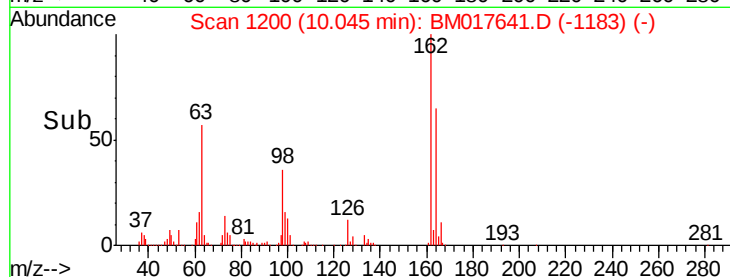
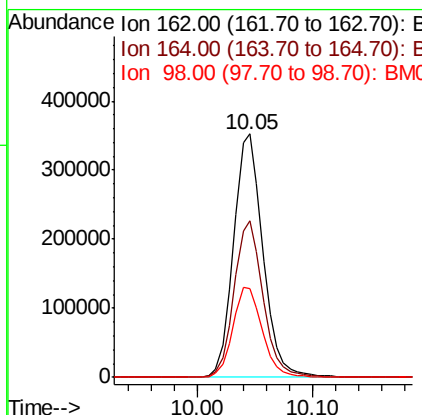
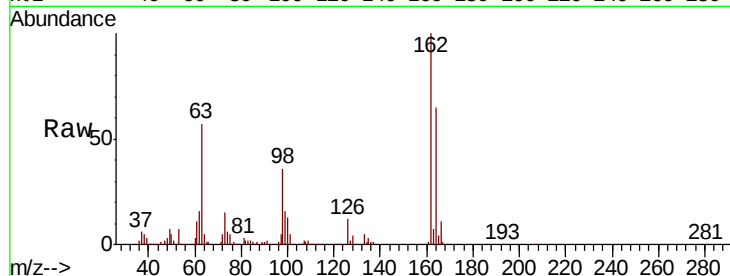




#29
2,4-Dichlorophenol
Concen: 48.931 ng
RT: 10.05 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

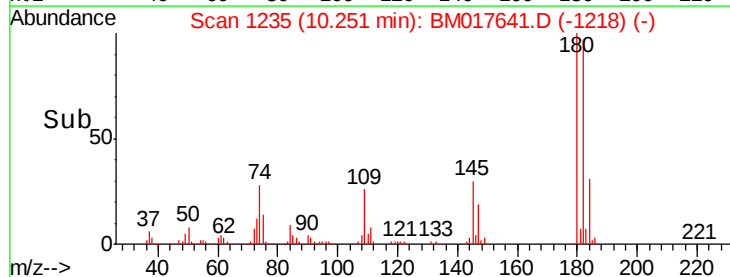
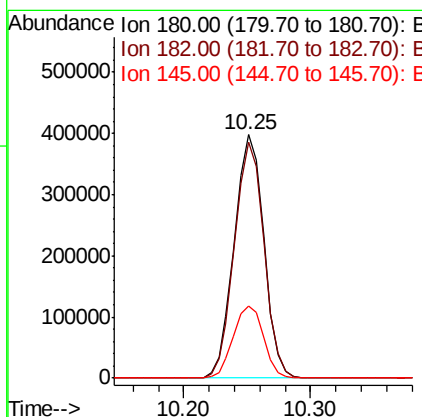
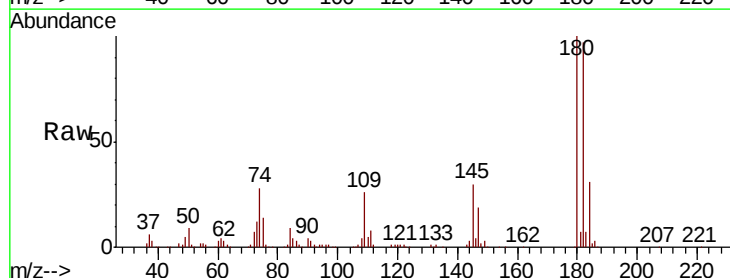
Instrument :
BNA_M
ClientSampleId :
PB114777BSD

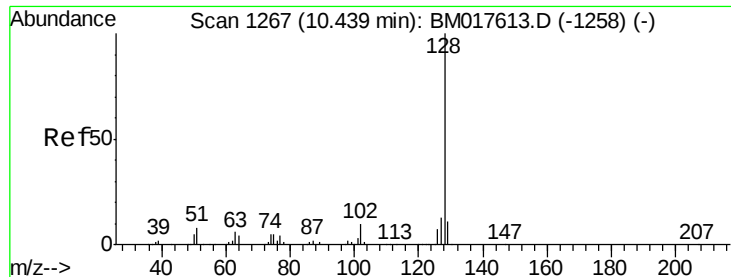
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.0	85.0
98	36.4	17.5	57.5



#30
1,2,4-Trichlorobenzene
Concen: 43.884 ng
RT: 10.25 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	74.4	111.6
145	29.7	23.5	35.3

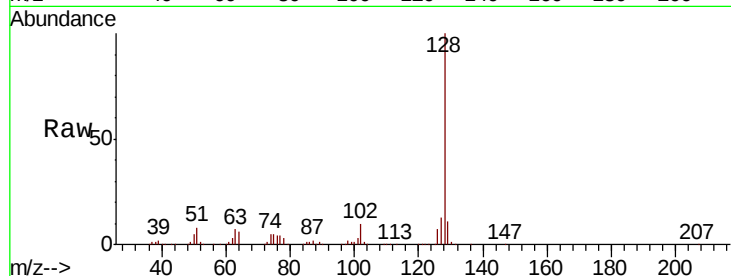




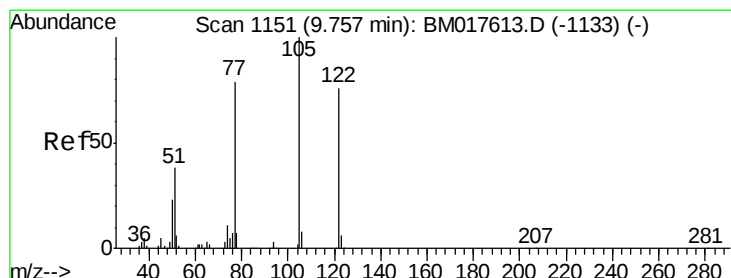
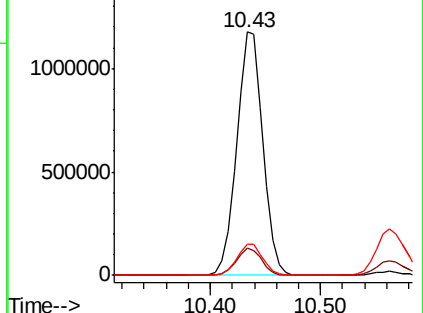
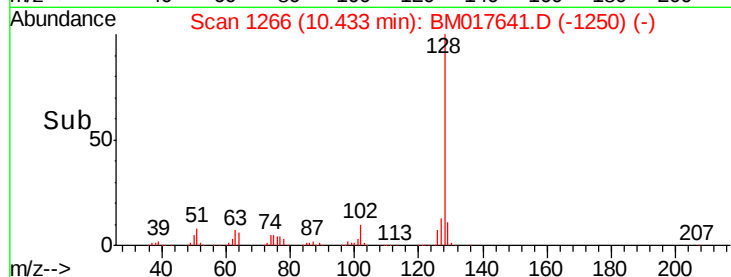
#31
Naphthalene
Concen: 47.439 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tgt Ion:128 Resp: 1951364
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.0 10.3 15.5

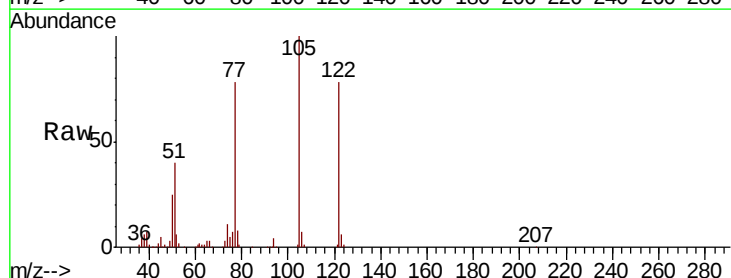


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

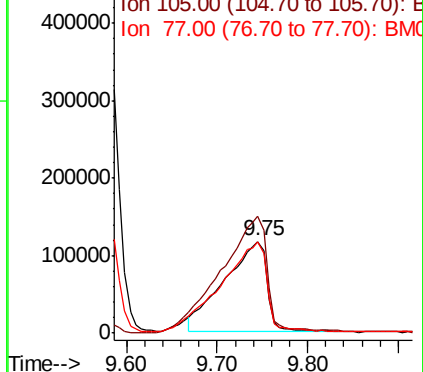
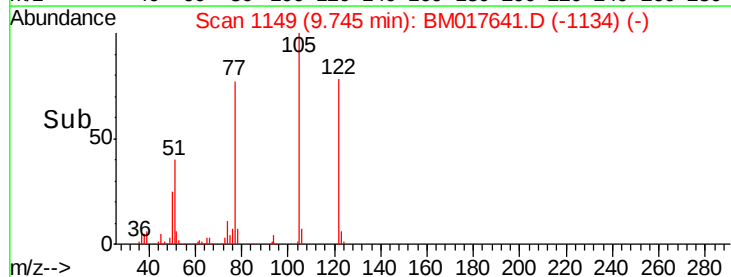


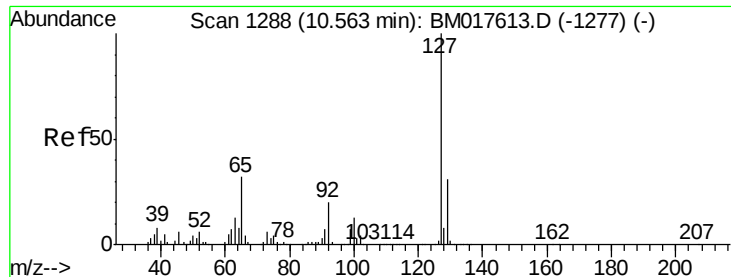
#32
Benzoic acid
Concen: 38.365 ng
RT: 9.75 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion:122 Resp: 379329
Ion Ratio Lower Upper
122 100
105 127.9 109.1 149.1
77 99.9 82.1 122.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

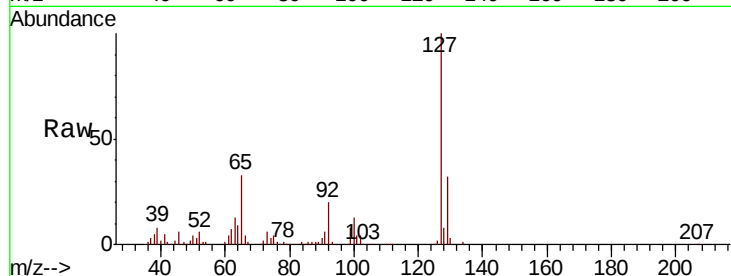




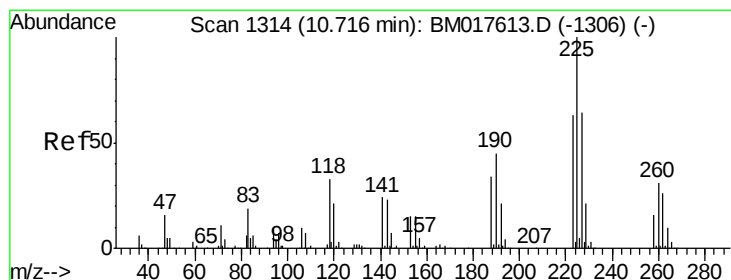
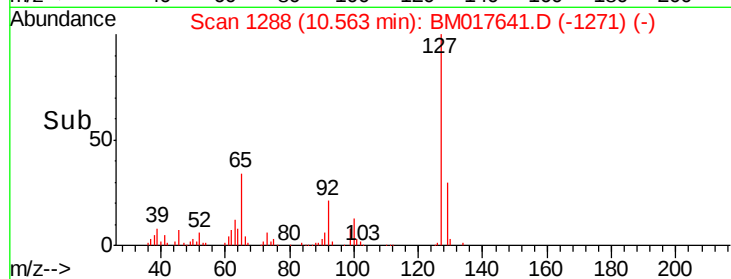
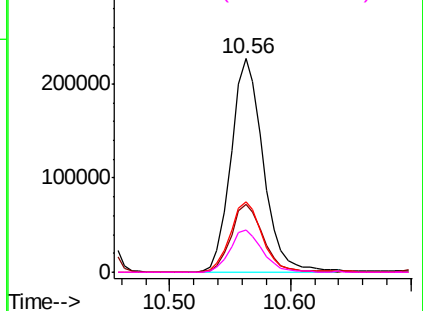
#33
4-Chloroaniline
Concen: 23.415 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tgt Ion:	127	Resp:	421813
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.0	37.4
65	33.2	25.8	38.8
92	19.9	15.8	23.6

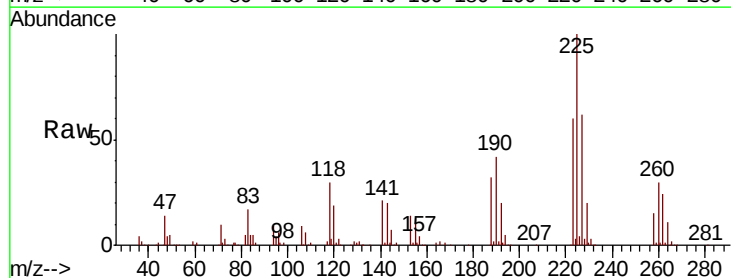


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

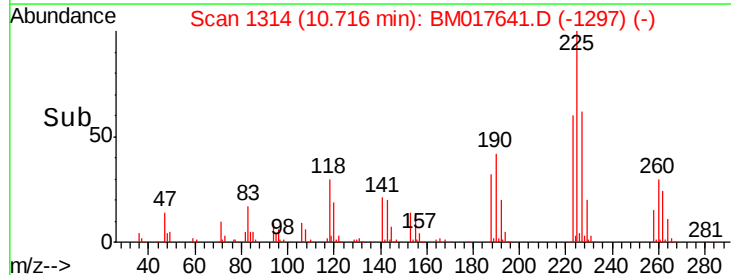
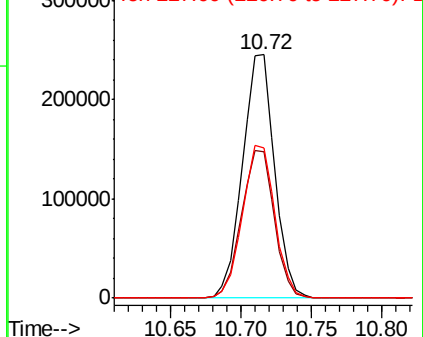


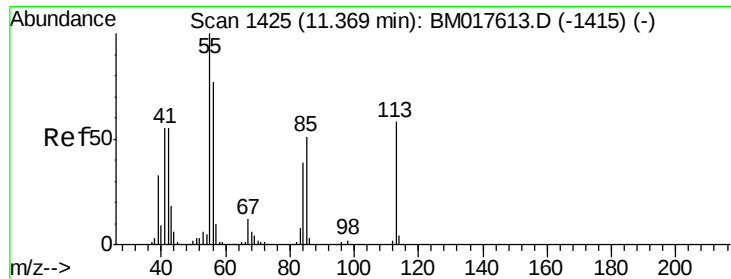
#34
Hexachlorobutadiene
Concen: 42.672 ng
RT: 10.72 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion:	225	Resp:	390391
Ion	Ratio	Lower	Upper
225	100		
223	60.2	50.7	76.1
227	61.9	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

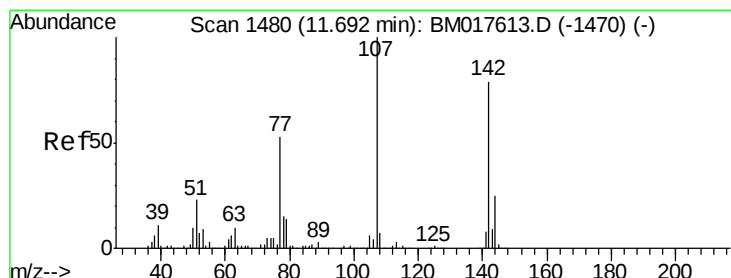
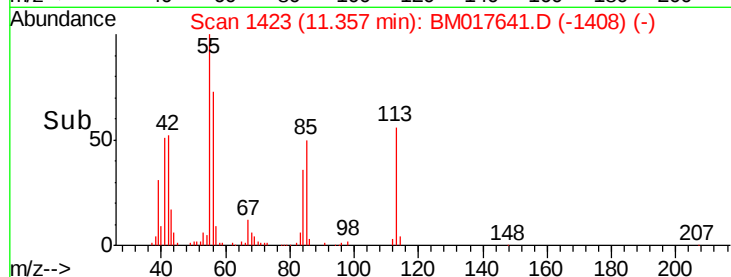
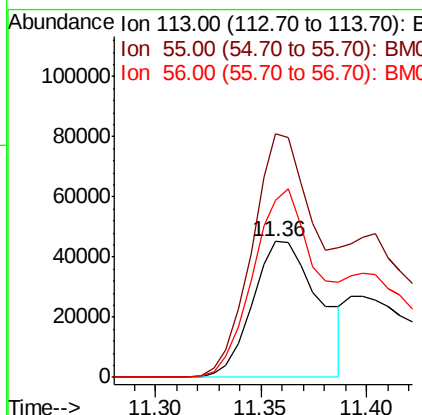
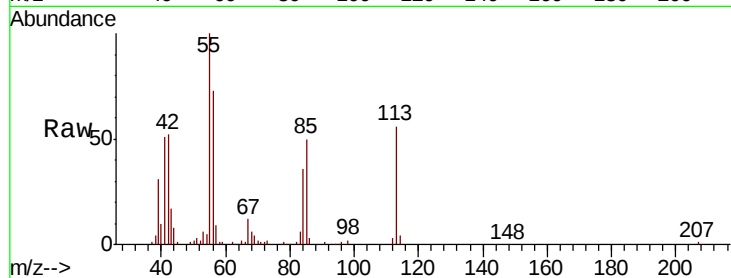




#35
 Caprolactam
 Concen: 21.209 ng
 RT: 11.36 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

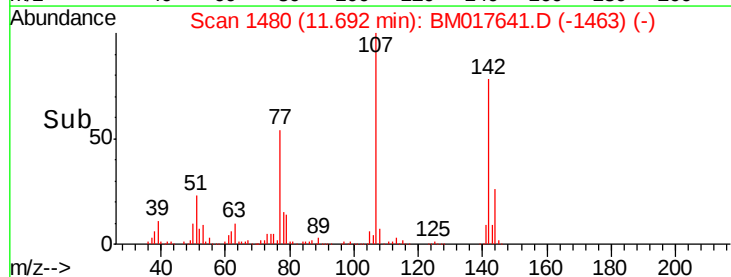
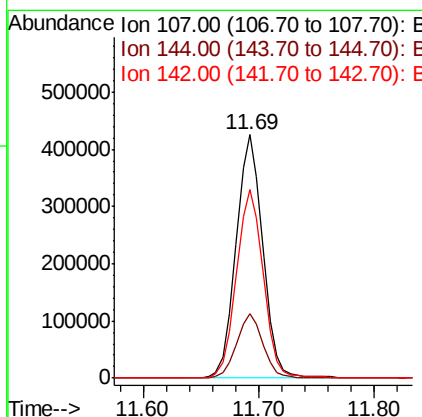
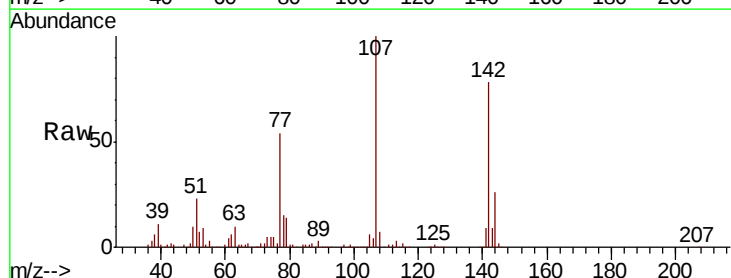
Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

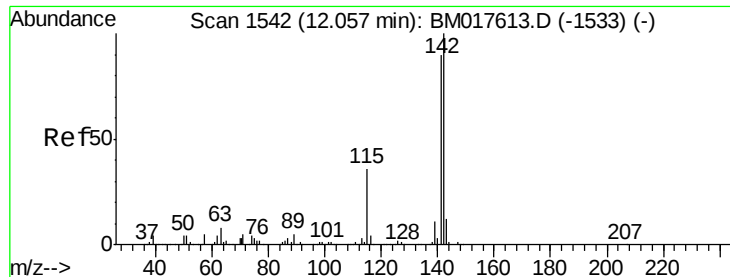
Tgt Ion:113 Resp: 98961
 Ion Ratio Lower Upper
 113 100
 55 179.0 153.1 193.1
 56 129.8 112.7 152.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.620 ng
 RT: 11.69 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Tgt Ion:107 Resp: 681983
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.9 29.9
 142 77.6 63.0 94.4

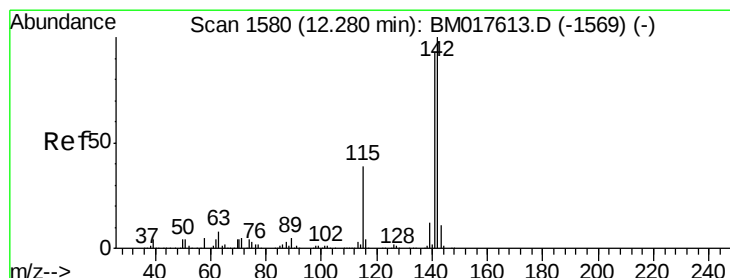
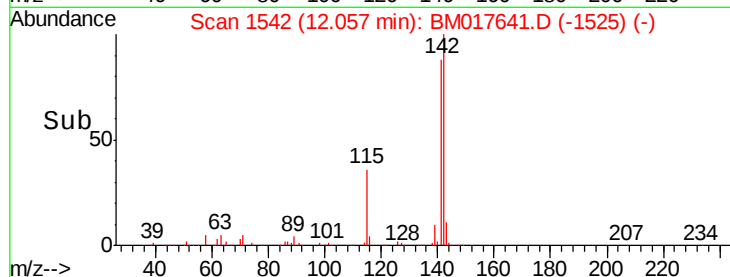
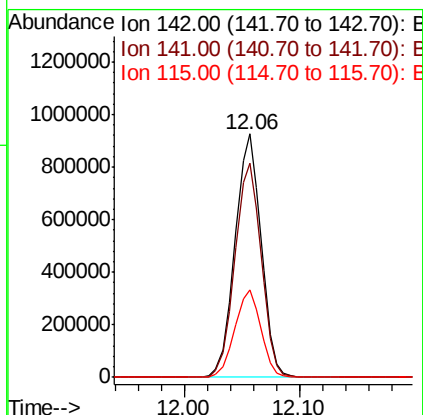
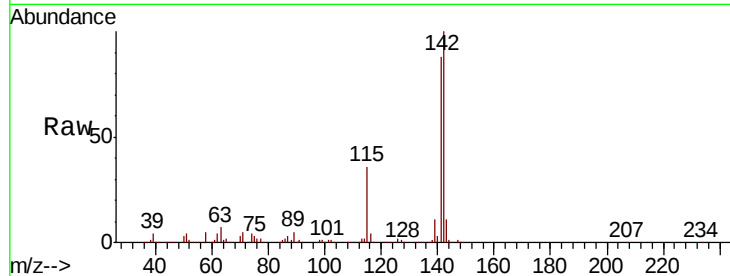




#37
 2-Methylnaphthalene
 Concen: 49.894 ng
 RT: 12.06 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

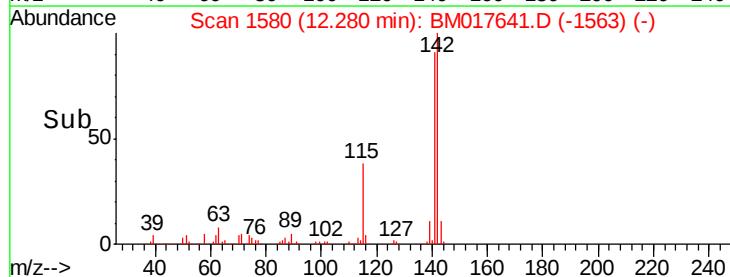
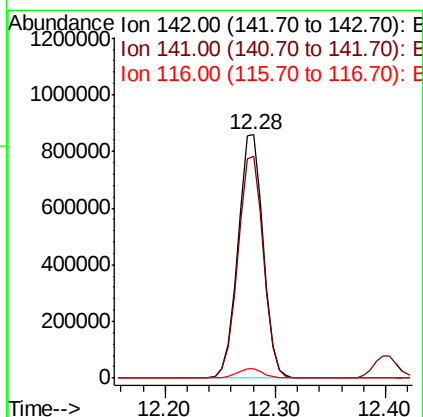
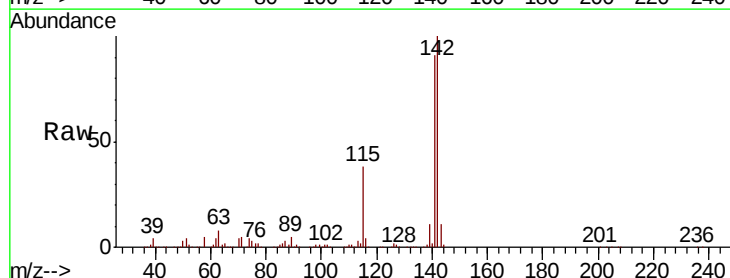
Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

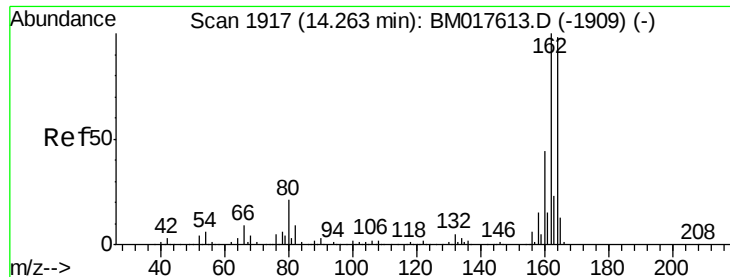
Tgt Ion:142 Resp: 1450527
 Ion Ratio Lower Upper
 142 100
 141 88.0 72.2 108.4
 115 35.8 28.5 42.7



#38
 1-Methylnaphthalene
 Concen: 48.296 ng
 RT: 12.28 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Tgt Ion:142 Resp: 1376726
 Ion Ratio Lower Upper
 142 100
 141 90.9 74.2 111.4
 116 3.7 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

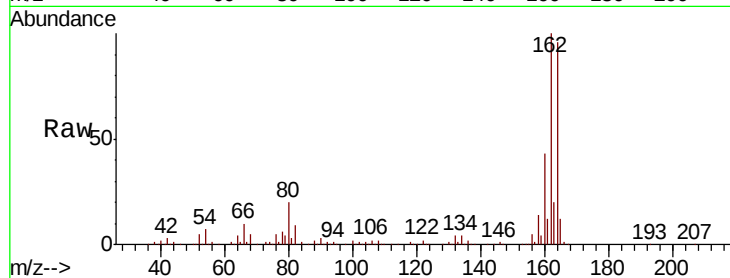
Tgt Ion:164 Resp: 488507

Ion Ratio Lower Upper

164 100

162 103.9 81.4 122.0

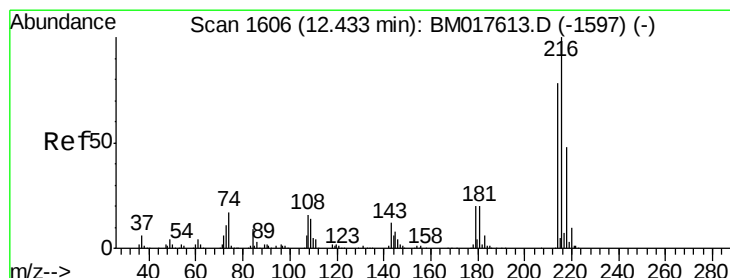
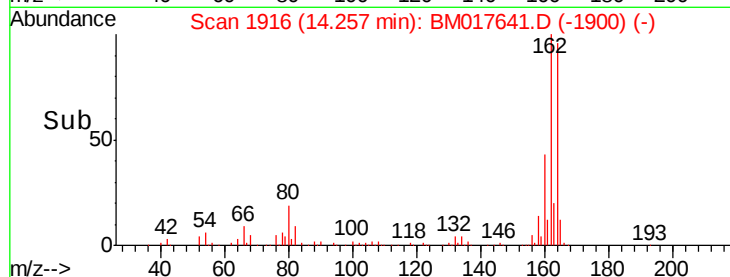
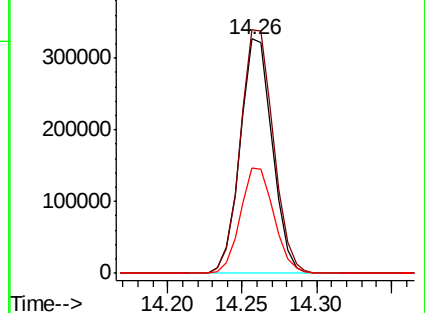
160 44.8 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.320 ng

RT: 12.43 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Tgt Ion:216 Resp: 746244

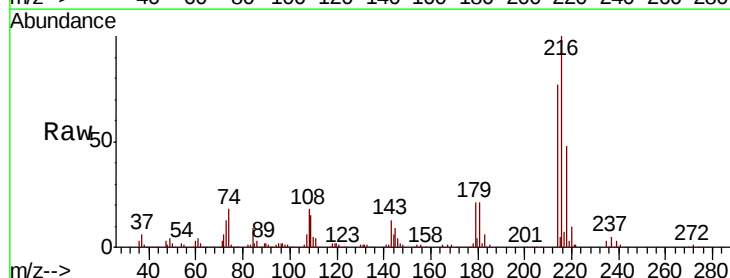
Ion Ratio Lower Upper

216 100

214 77.7 62.5 93.7

179 21.5 16.8 25.2

108 21.1 14.6 22.0

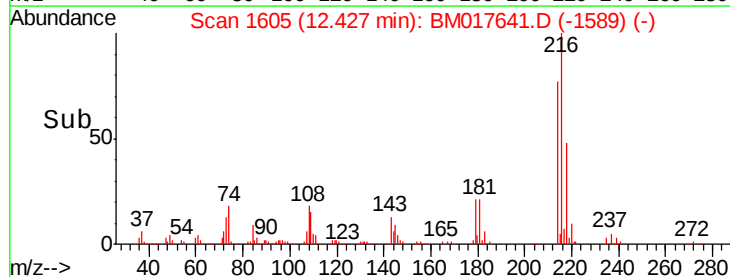
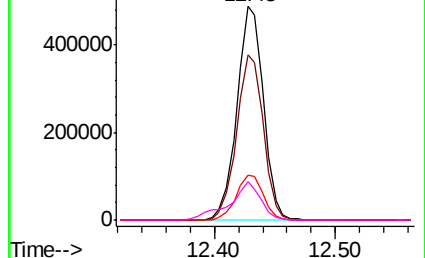


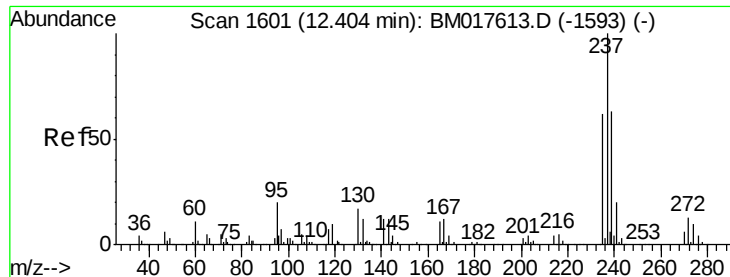
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 114.814 ng

RT: 12.40 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

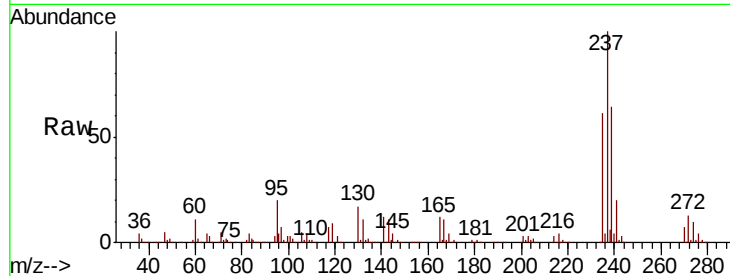
Tgt Ion:237 Resp: 1021991

Ion Ratio Lower Upper

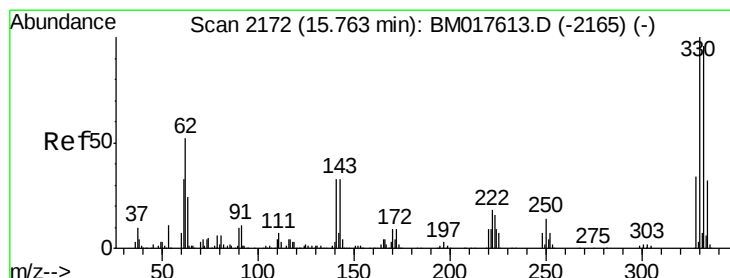
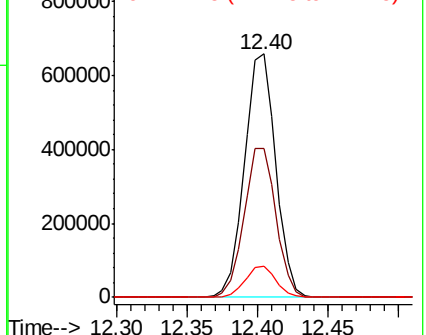
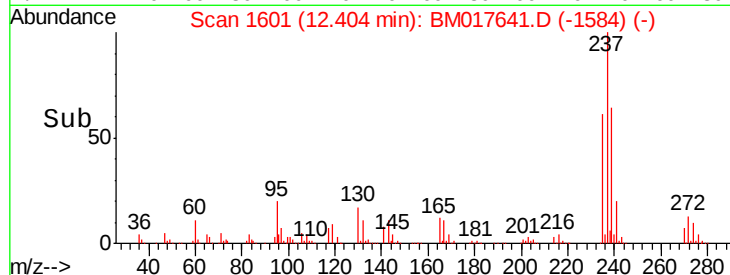
237 100

235 61.2 42.2 82.2

272 13.0 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 137.866 ng

RT: 15.76 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

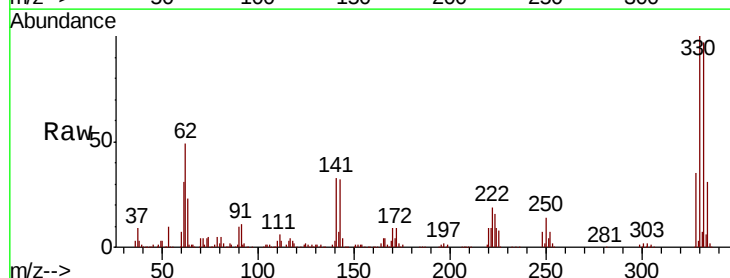
Tgt Ion:330 Resp: 967702

Ion Ratio Lower Upper

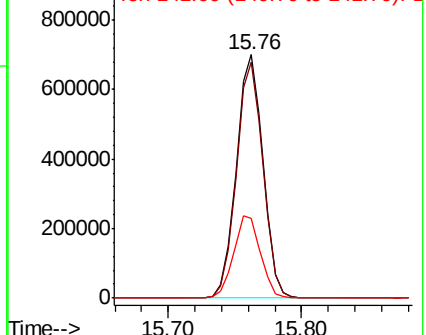
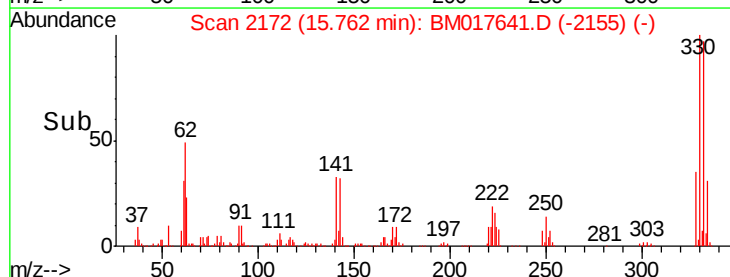
330 100

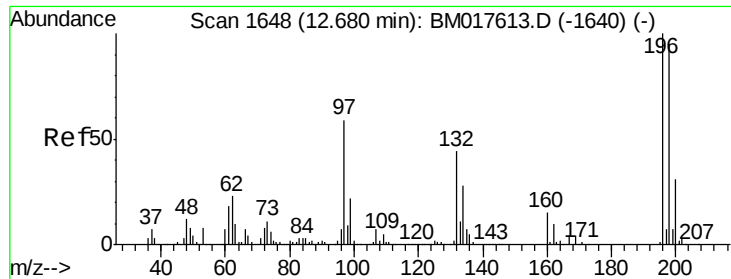
332 96.5 77.9 116.9

141 34.2 27.5 41.3



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

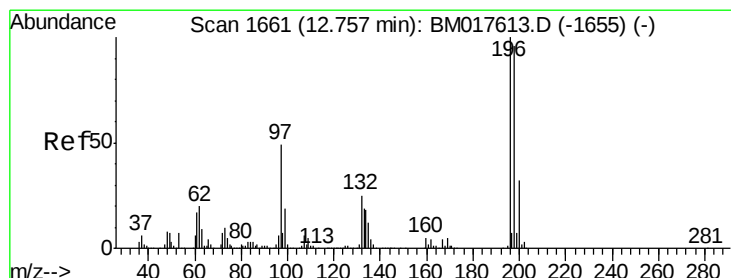
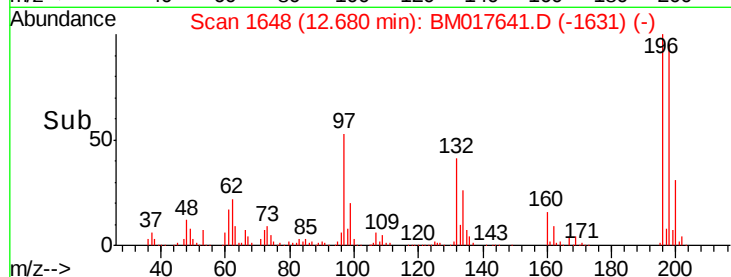
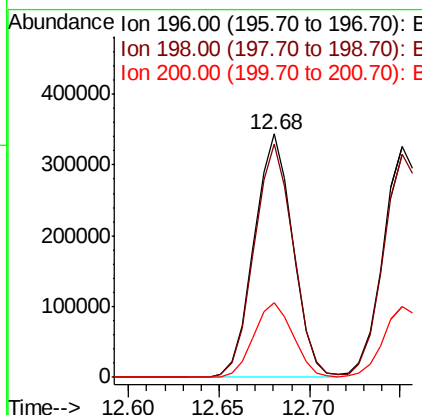
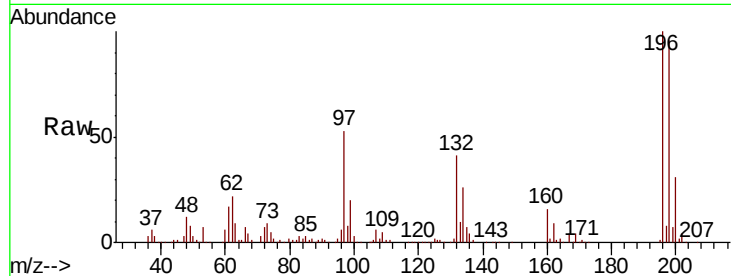




#43
 2,4,6-Trichlorophenol
 Concen: 47.397 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

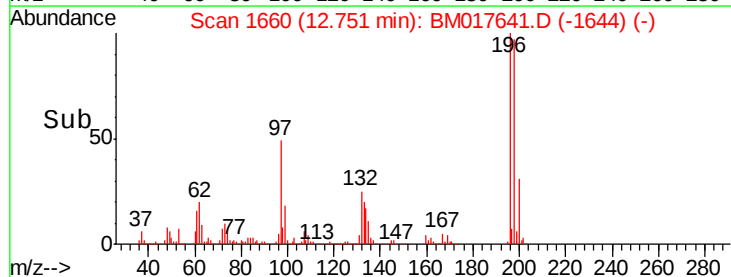
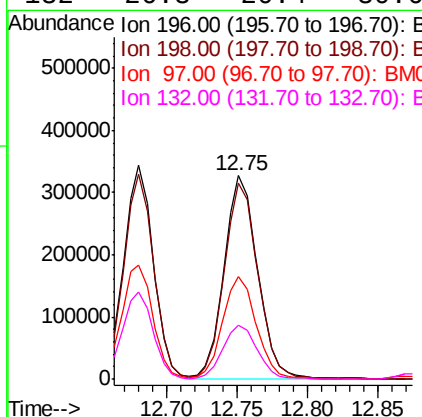
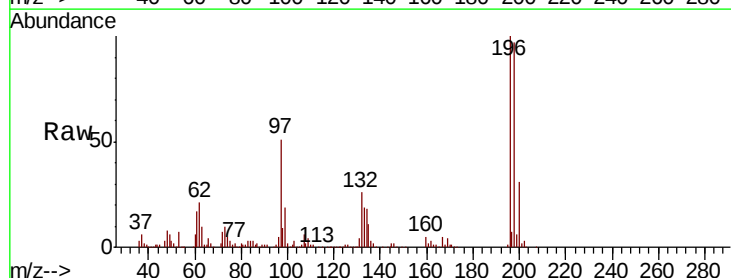
Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

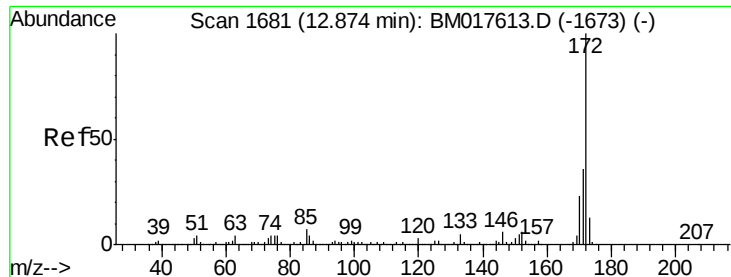
Tgt Ion:196 Resp: 511408
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.6 113.4
 200 30.8 24.8 37.2



#44
 2,4,5-Trichlorophenol
 Concen: 47.282 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Tgt Ion:196 Resp: 538665
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.8 115.2
 97 50.7 39.0 58.6
 132 26.3 20.4 30.6

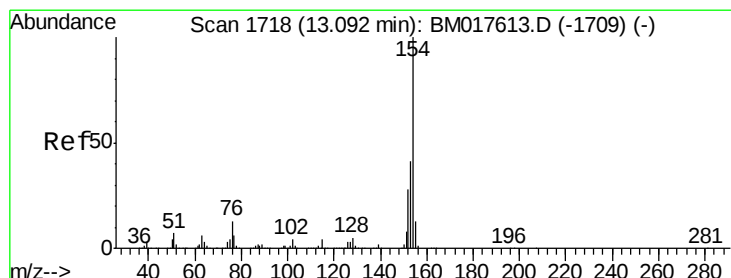
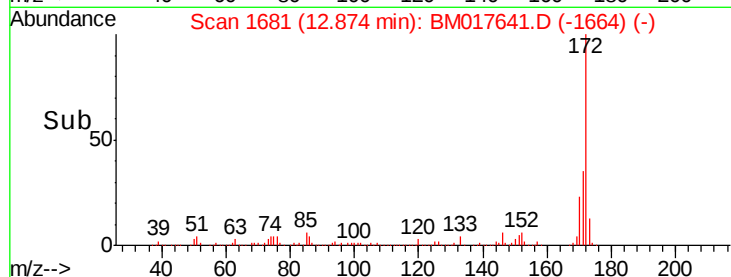
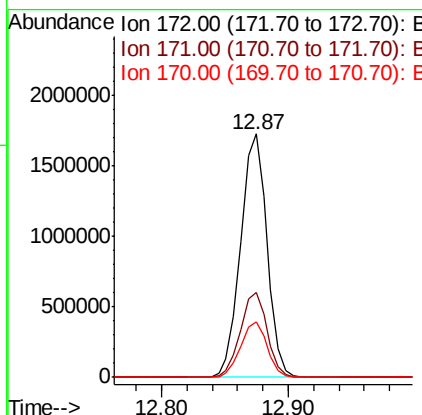
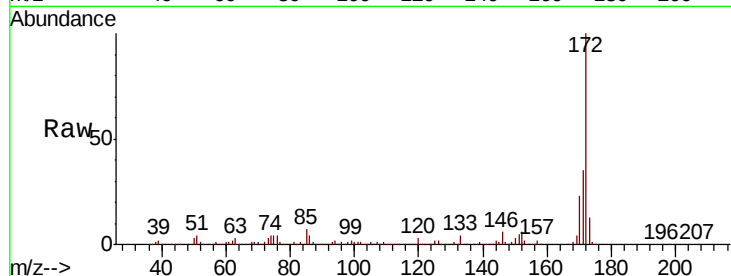




#45
 2-Fluorobiphenyl
 Concen: 65.951 ng
 RT: 12.87 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

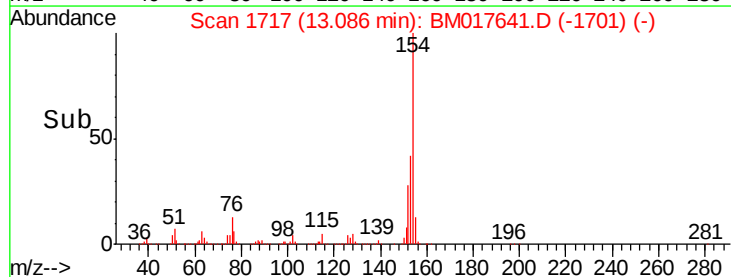
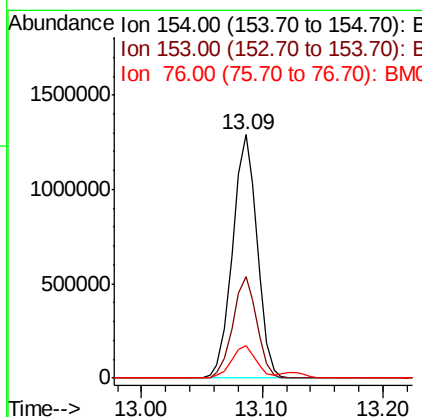
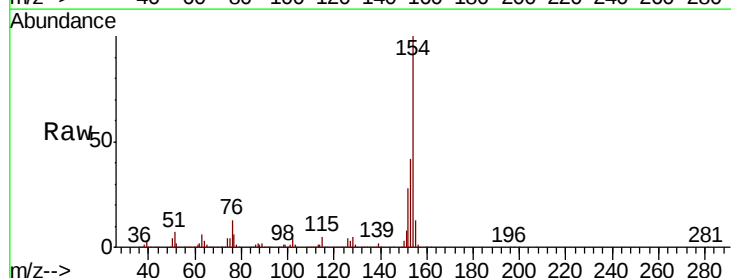
Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

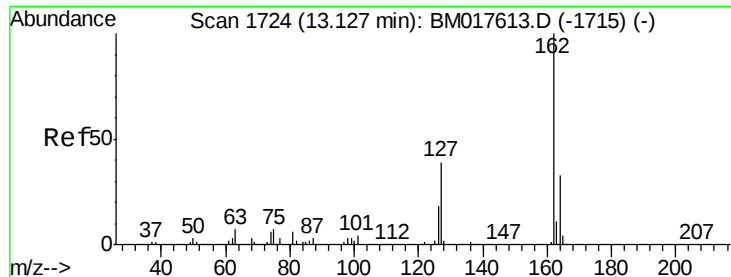
Tgt Ion:172 Resp: 2483367
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.7 43.1
 170 22.7 18.3 27.5



#46
 1,1'-Biphenyl
 Concen: 41.783 ng
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Tgt Ion:154 Resp: 1832168
 Ion Ratio Lower Upper
 154 100
 153 41.7 20.8 60.8
 76 13.3 0.0 32.8

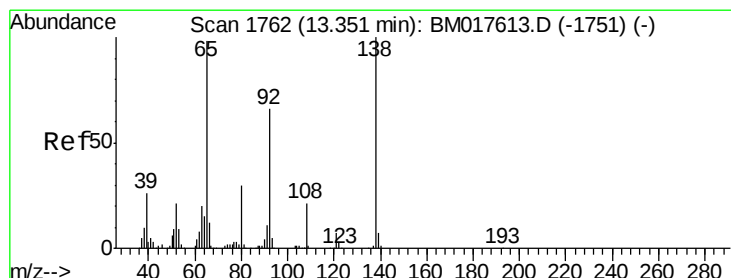
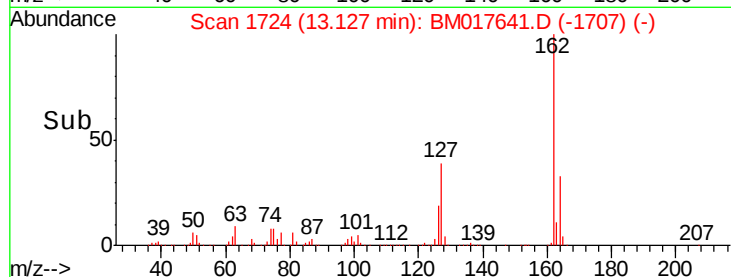
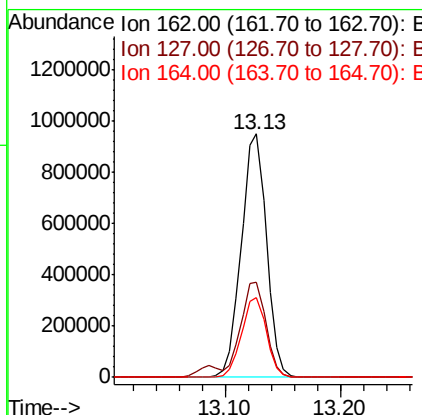
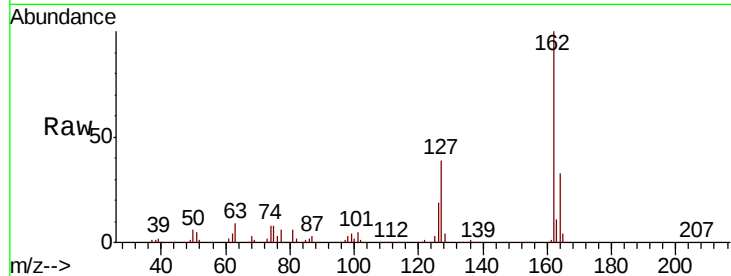




#47
 2-Chloronaphthalene
 Concen: 44.282 ng
 RT: 13.13 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

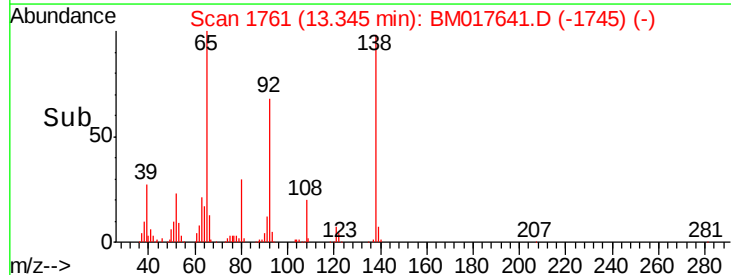
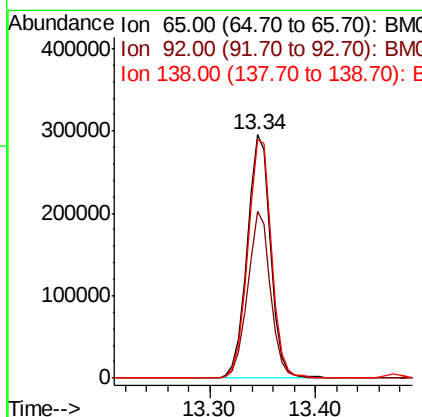
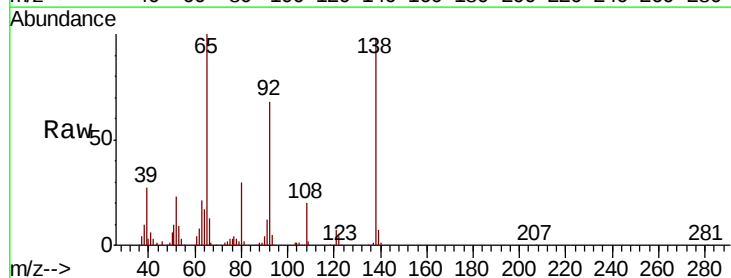
Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

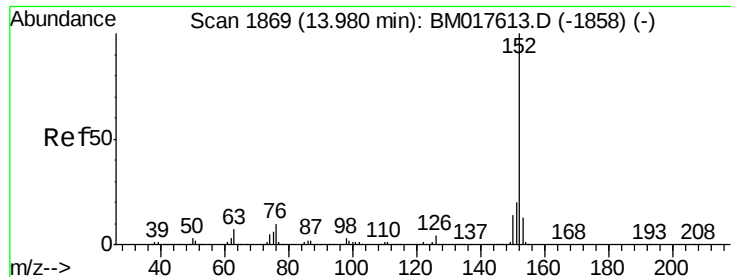
Tgt Ion: 162 Resp: 1441249
 Ion Ratio Lower Upper
 162 100
 127 39.0 32.6 48.8
 164 32.5 26.5 39.7



#48
 2-Nitroaniline
 Concen: 45.360 ng
 RT: 13.34 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Tgt Ion: 65 Resp: 456557
 Ion Ratio Lower Upper
 65 100
 92 68.4 53.7 80.5
 138 97.8 81.5 122.3





#49

Acenaphthylene

Concen: 48.265 ng

RT: 13.98 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

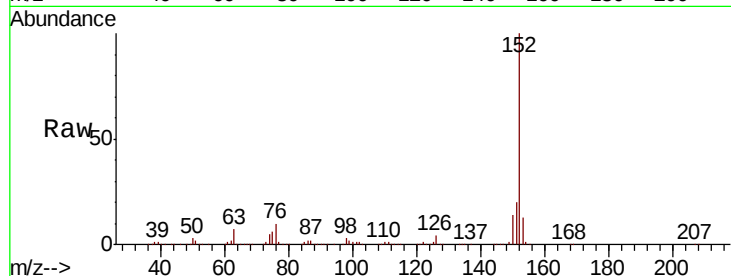
Tgt Ion:152 Resp: 2360157

Ion Ratio Lower Upper

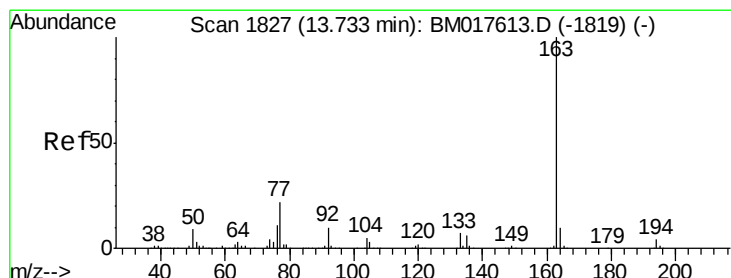
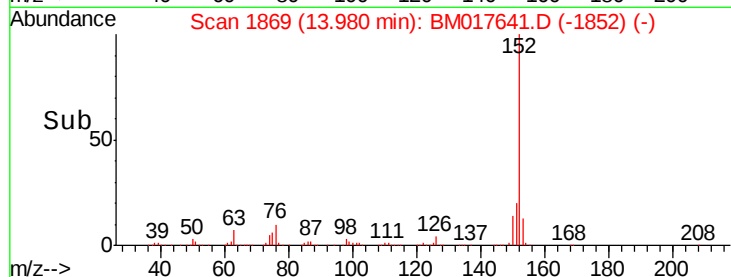
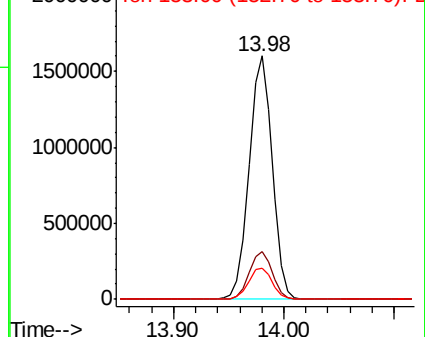
152 100

151 19.7 15.9 23.9

153 12.8 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.894 ng

RT: 13.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

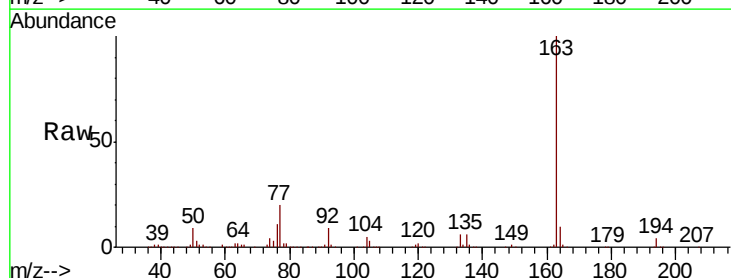
Tgt Ion:163 Resp: 1783089

Ion Ratio Lower Upper

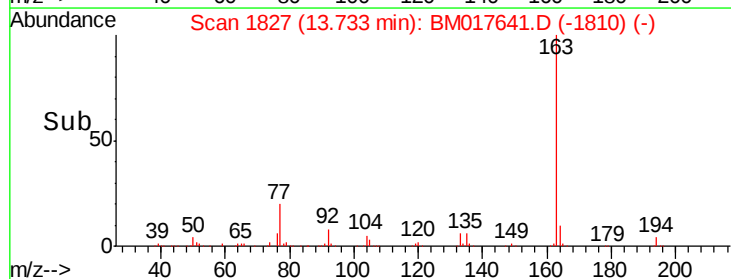
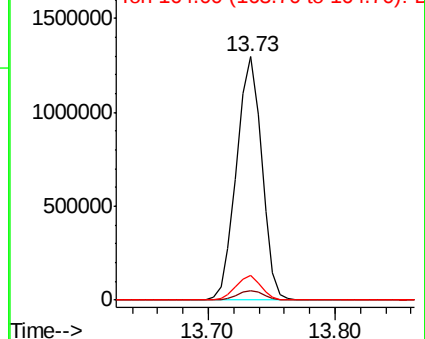
163 100

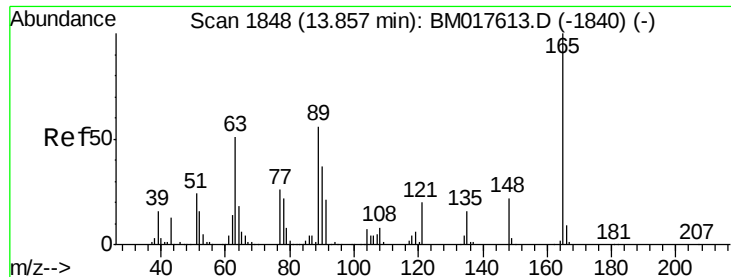
194 4.1 3.1 4.7

164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

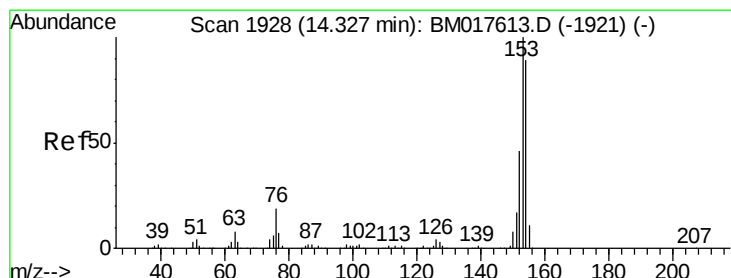
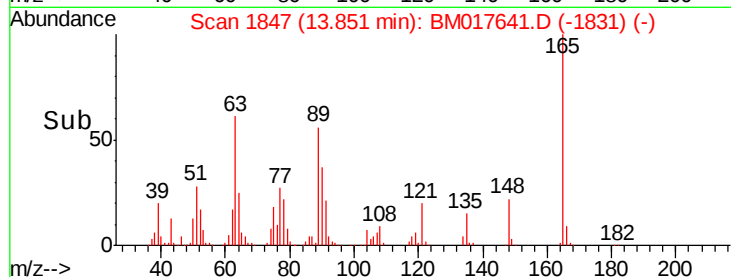
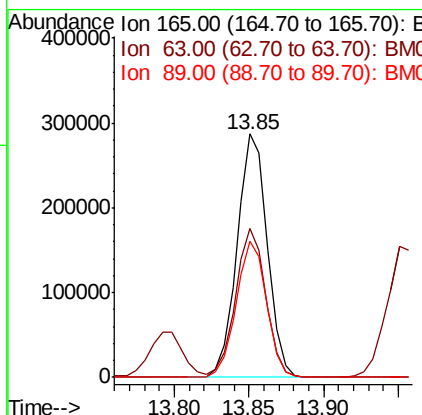
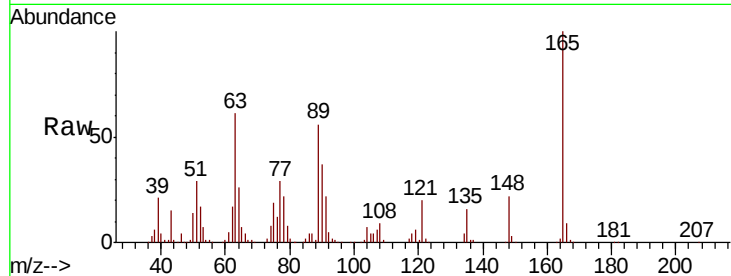




#51
 2,6-Dinitrotoluene
 Concen: 45.441 ng
 RT: 13.85 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

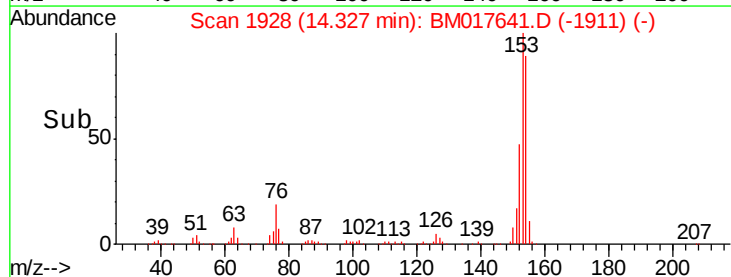
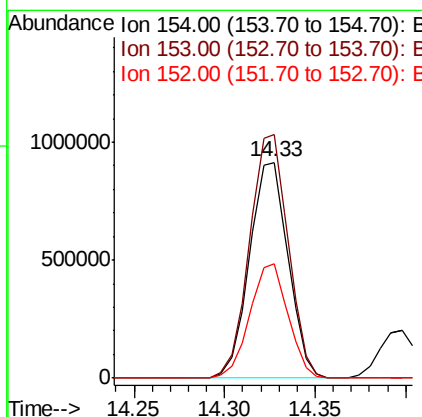
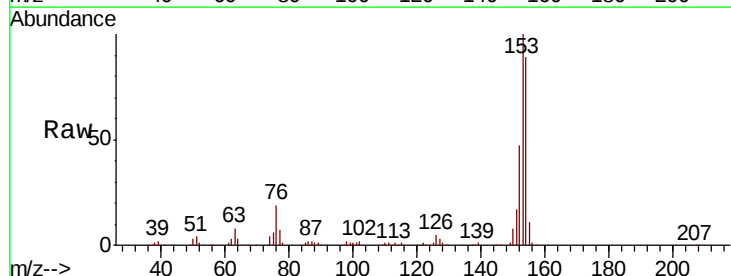
Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

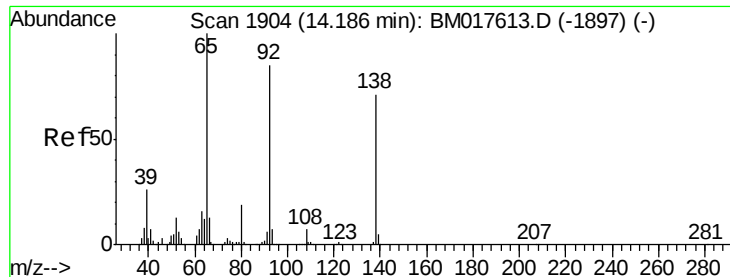
Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.0	47.3	70.9
89	56.2	44.8	67.2



#52
 Acenaphthene
 Concen: 45.184 ng
 RT: 14.33 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.2	135.4
152	52.9	41.6	62.4

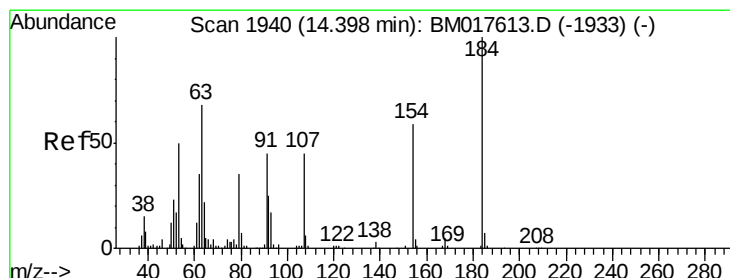
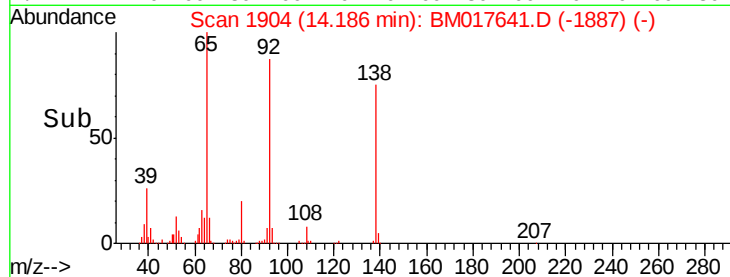
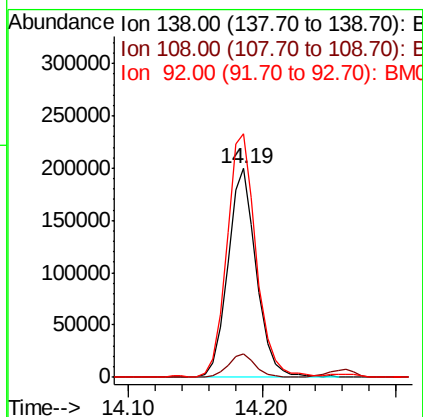
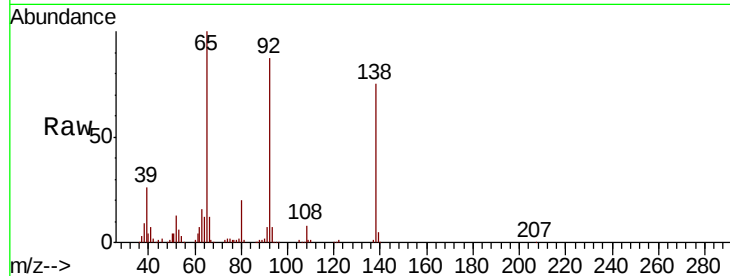




#53
 3-Nitroaniline
 Concen: 30.953 ng
 RT: 14.19 min Scan# 1904
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

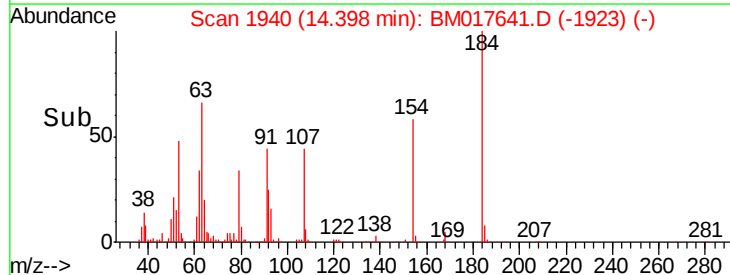
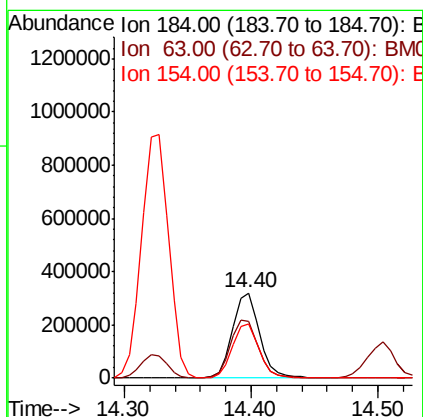
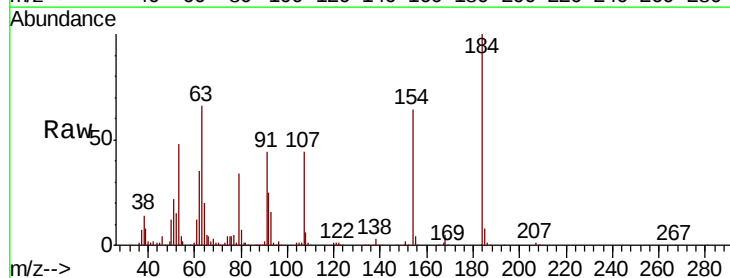
Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

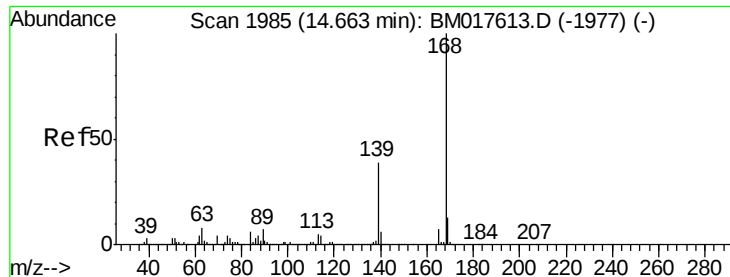
Tgt Ion:138 Resp: 298047
 Ion Ratio Lower Upper
 138 100
 108 11.2 8.2 12.2
 92 116.6 95.4 143.2



#54
 2,4-Dinitrophenol
 Concen: 86.994 ng
 RT: 14.40 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Tgt Ion:184 Resp: 473411
 Ion Ratio Lower Upper
 184 100
 63 66.3 55.1 82.7
 154 63.9 51.3 76.9





#55

Dibenzofuran

Concen: 44.526 ng

RT: 14.66 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

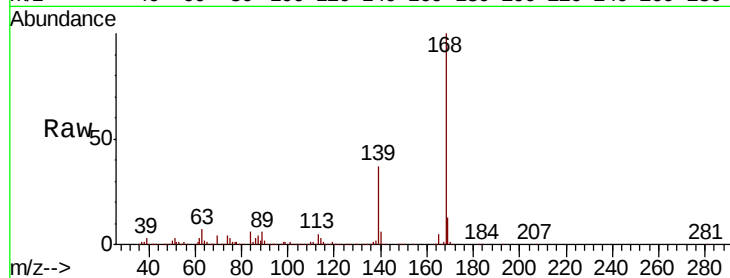
Tgt Ion:168 Resp: 2183645

Ion Ratio Lower Upper

168 100

139 37.5 31.0 46.6

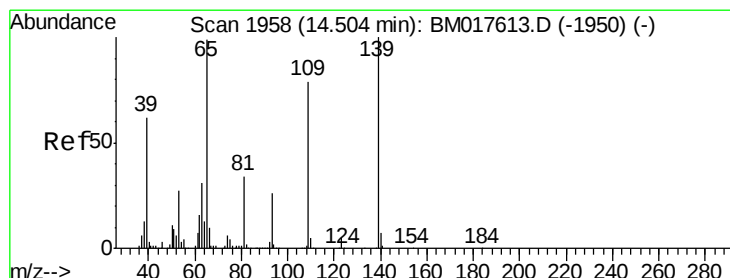
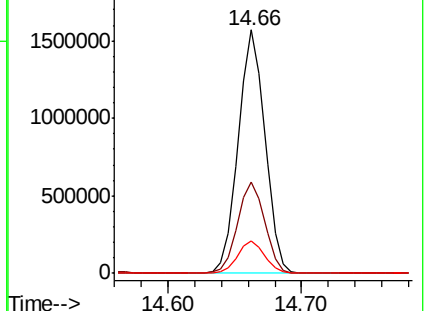
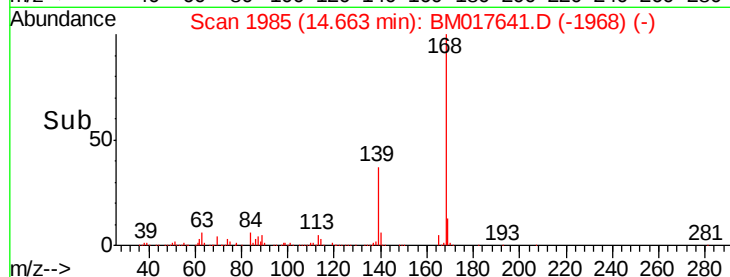
169 13.3 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 80.723 ng

RT: 14.50 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

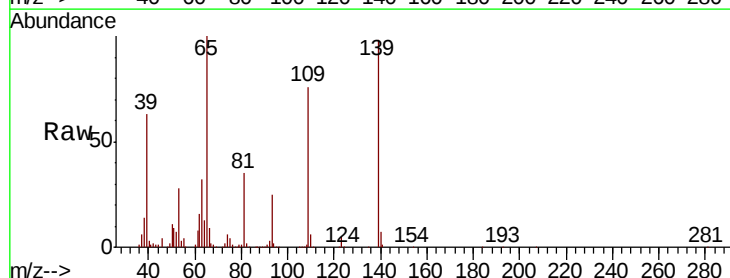
Tgt Ion:139 Resp: 653731

Ion Ratio Lower Upper

139 100

109 78.3 58.6 98.6

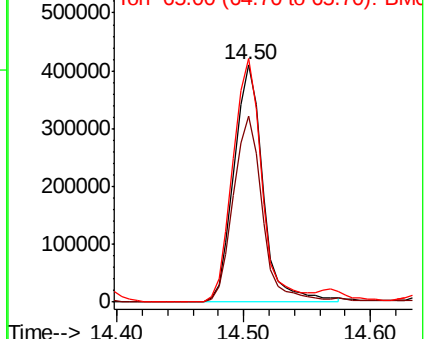
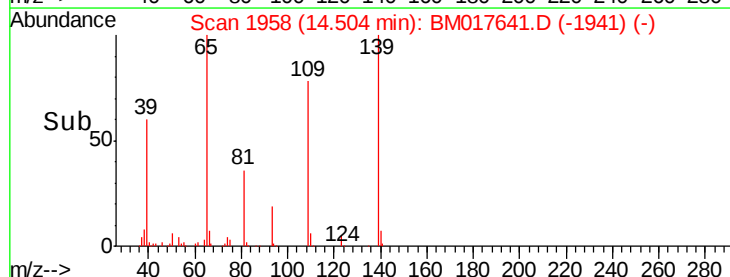
65 102.4 79.5 119.5

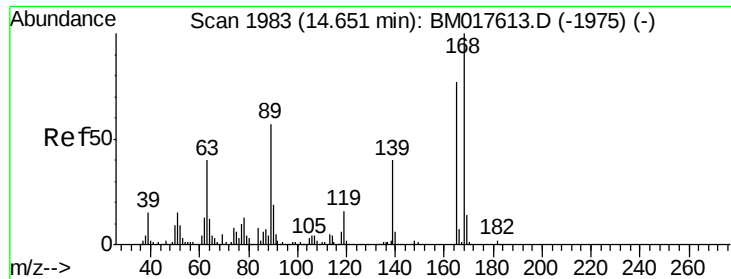


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

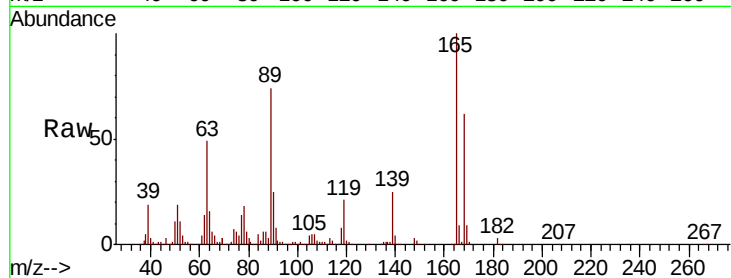




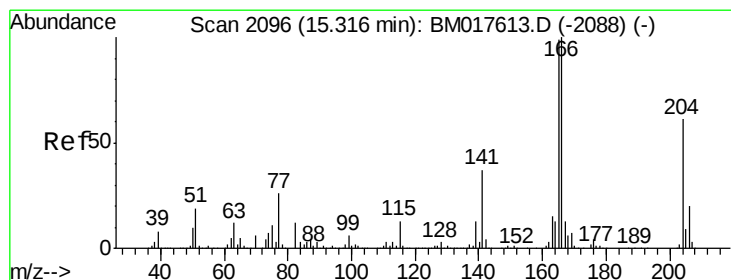
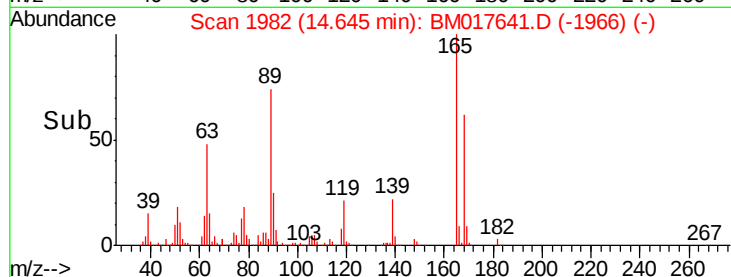
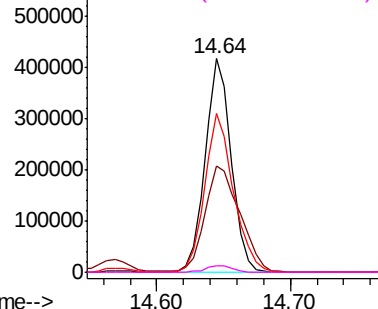
#57
2,4-Dinitrotoluene
Concen: 47.510 ng
RT: 14.64 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tgt Ion:165 Resp: 566397
Ion Ratio Lower Upper
165 100
63 49.5 41.8 62.8
89 74.2 59.5 89.3
182 2.9 2.3 3.5

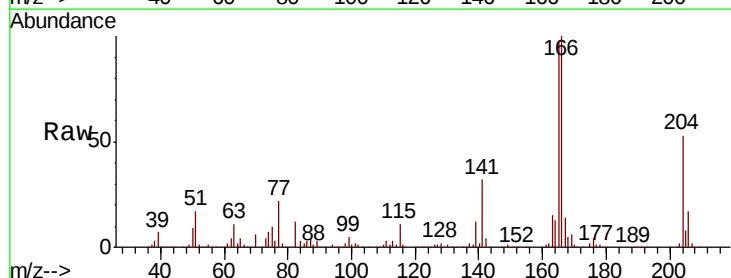


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

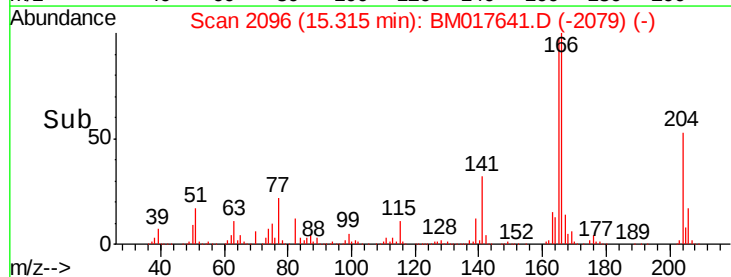
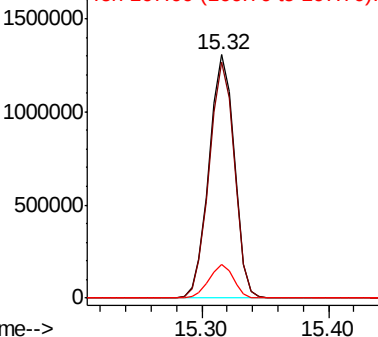


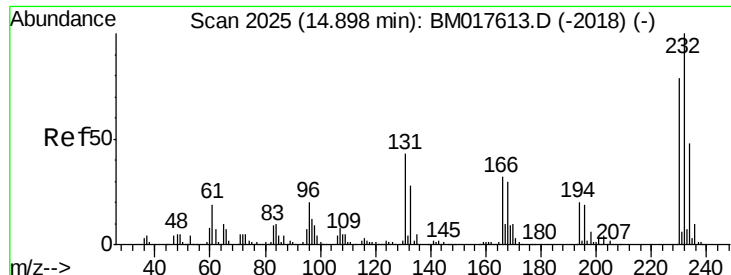
#58
Fluorene
Concen: 47.930 ng
RT: 15.32 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion:166 Resp: 1799517
Ion Ratio Lower Upper
166 100
165 96.8 79.0 118.6
167 13.6 10.8 16.2



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

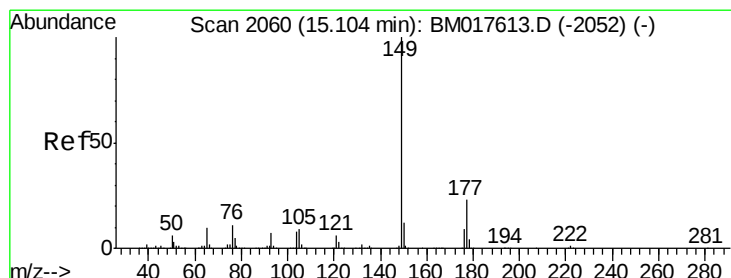
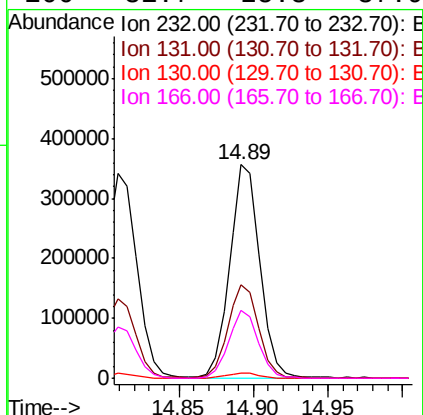
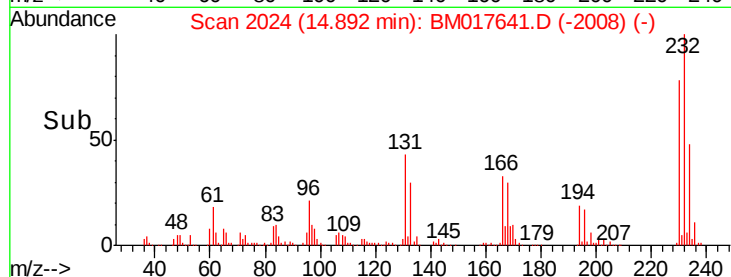
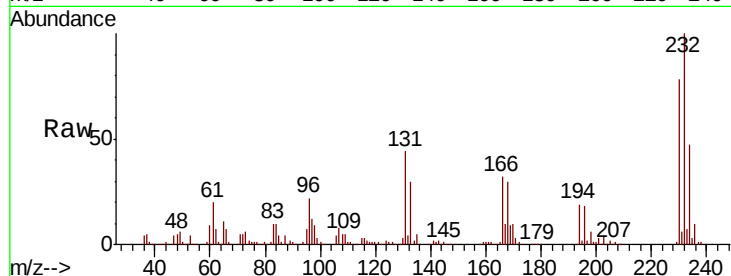




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.768 ng
 RT: 14.89 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

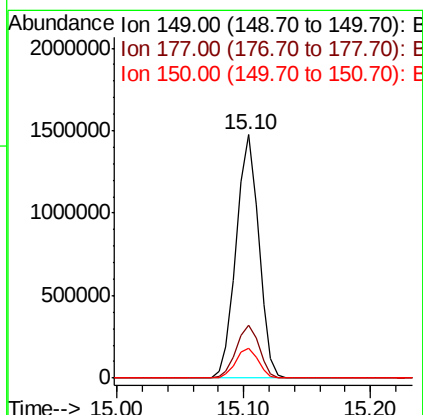
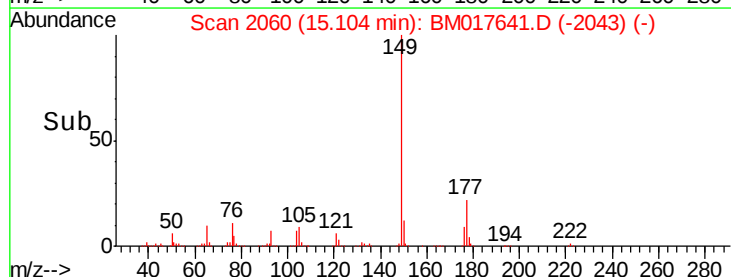
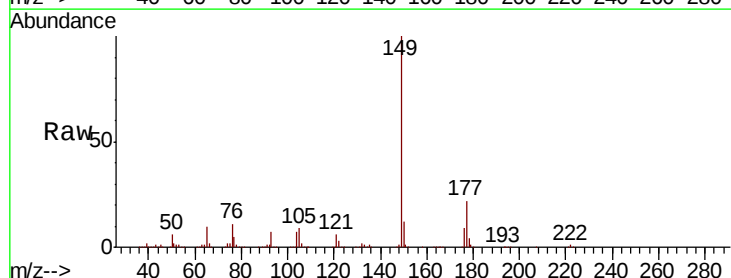
Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

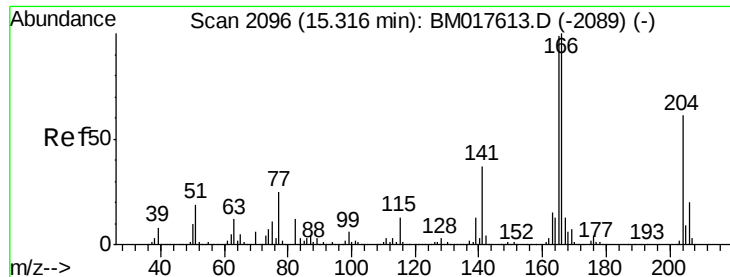
Tgt Ion: 232 Resp: 500546
 Ion Ratio Lower Upper
 232 100
 131 44.5 34.8 52.2
 130 2.5 1.9 2.9
 166 31.7 25.3 37.9



#60
 Diethylphthalate
 Concen: 42.236 ng
 RT: 15.10 min Scan# 2060
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Tgt Ion: 149 Resp: 1812523
 Ion Ratio Lower Upper
 149 100
 177 22.0 18.1 27.1
 150 12.2 9.9 14.9

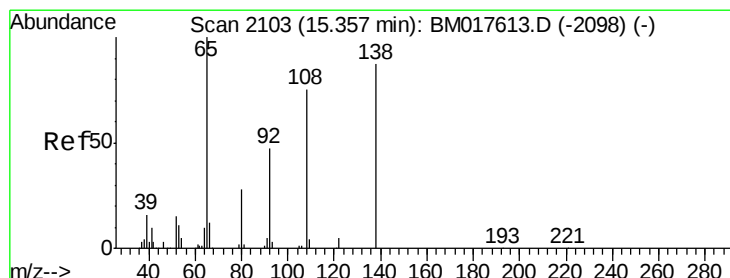
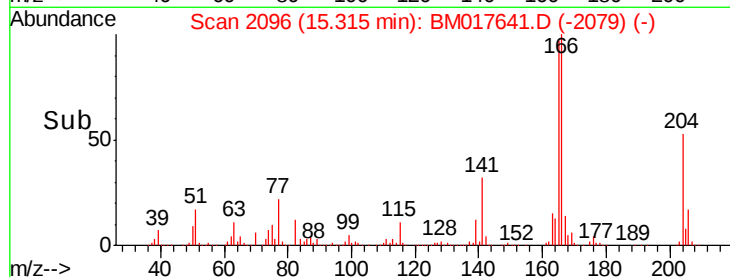
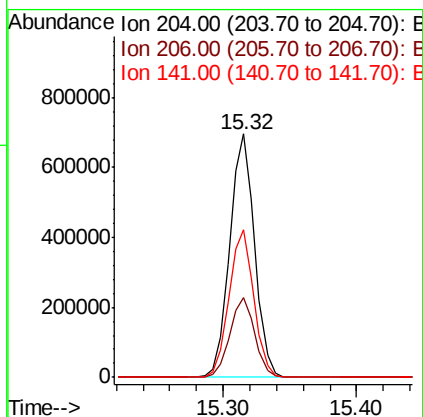
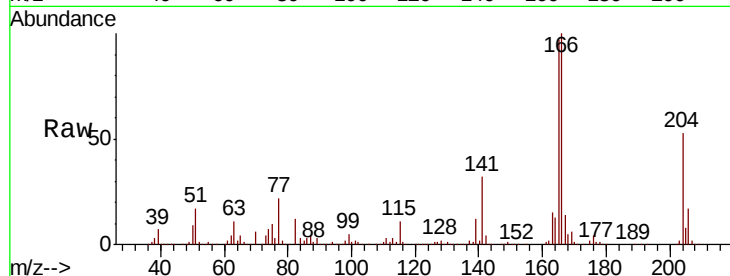




#61
 4-Chlorophenyl-phenylether
 Concen: 42.359 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

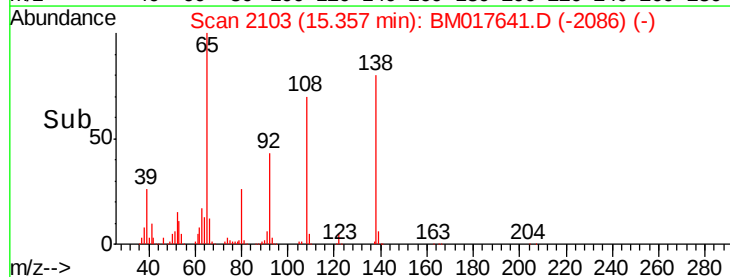
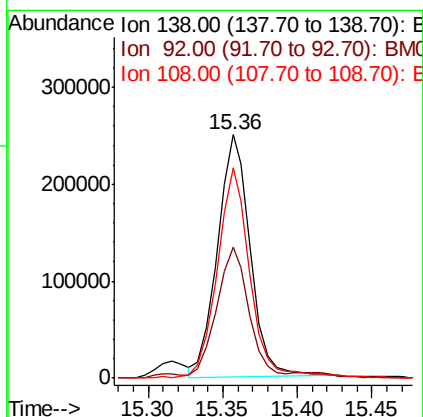
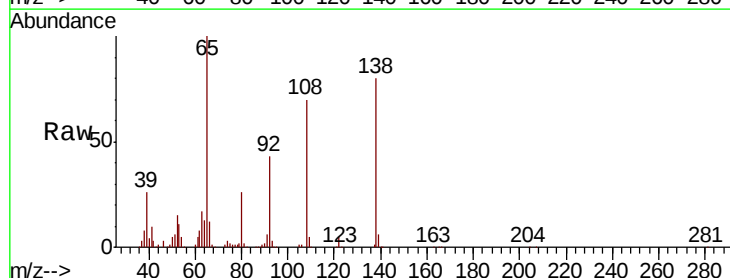
Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

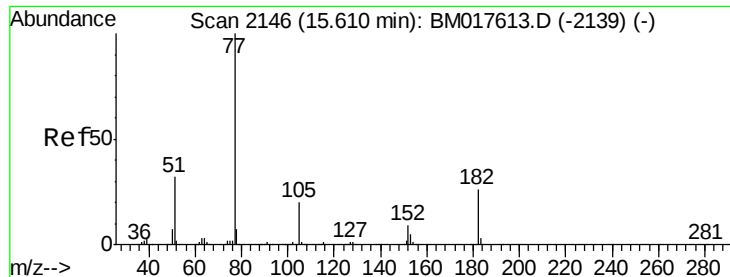
Tgt Ion:204 Resp: 903561
 Ion Ratio Lower Upper
 204 100
 206 32.6 25.9 38.9
 141 60.4 47.9 71.9



#62
 4-Nitroaniline
 Concen: 42.130 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Tgt Ion:138 Resp: 382323
 Ion Ratio Lower Upper
 138 100
 92 53.8 33.4 73.4
 108 86.5 64.3 104.3





#63

Azobenzene

Concen: 44.259 ng

RT: 15.61 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

Tgt Ion: 77 Resp: 1755790

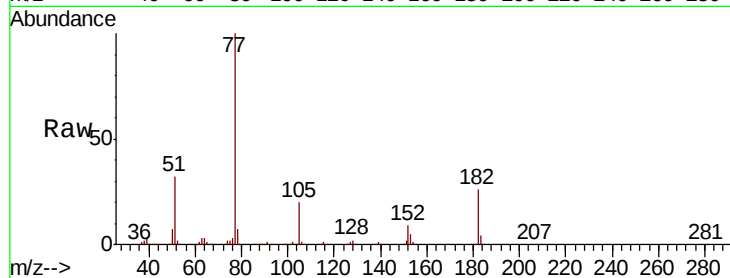
Ion Ratio Lower Upper

77 100

182 26.5 5.8 45.8

105 20.2 0.0 40.0

51 31.7 12.5 52.5

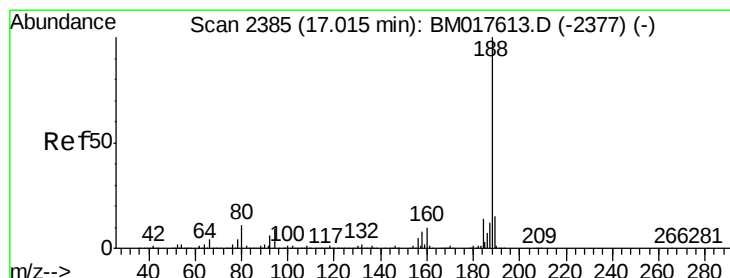
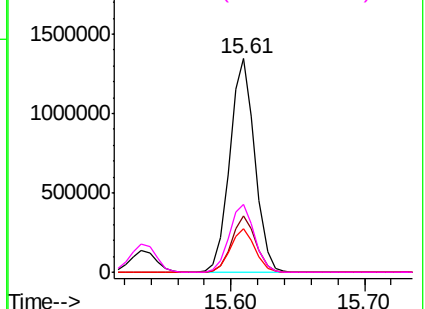
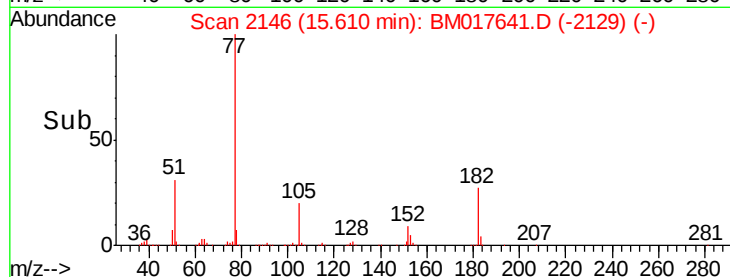


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.02 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

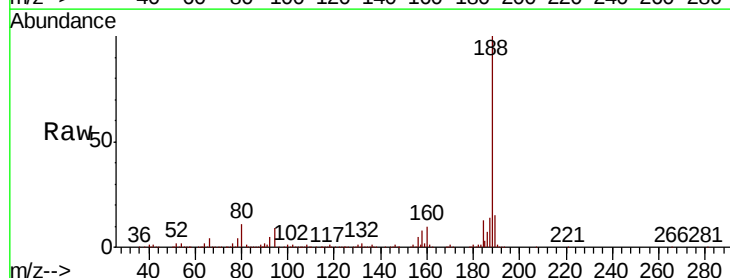
Tgt Ion: 188 Resp: 1086632

Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

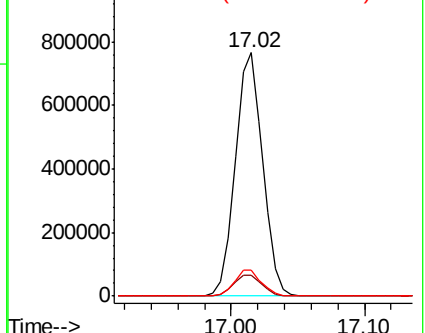
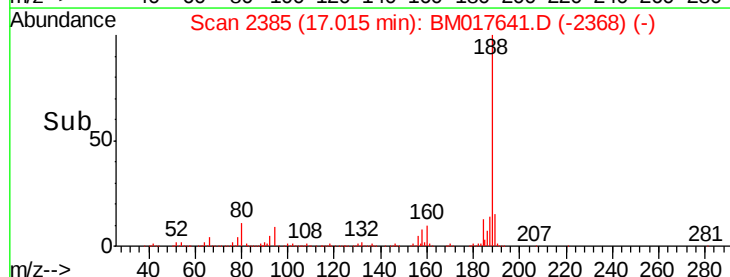
80 10.8 8.6 13.0

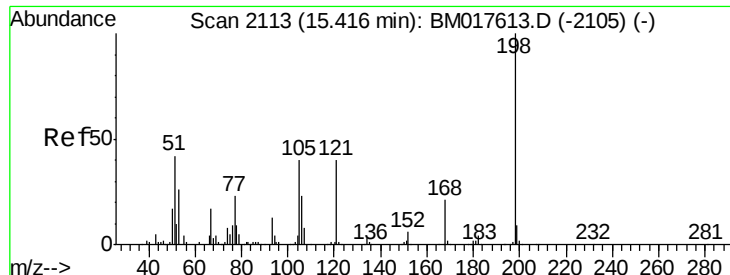


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

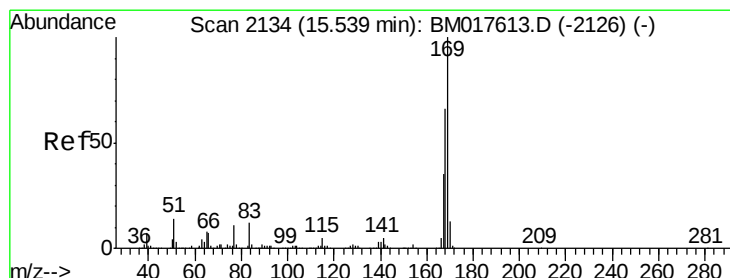
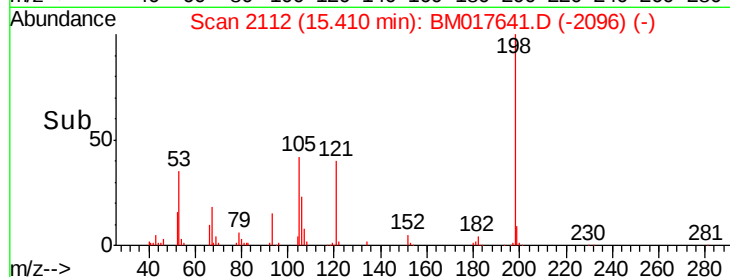
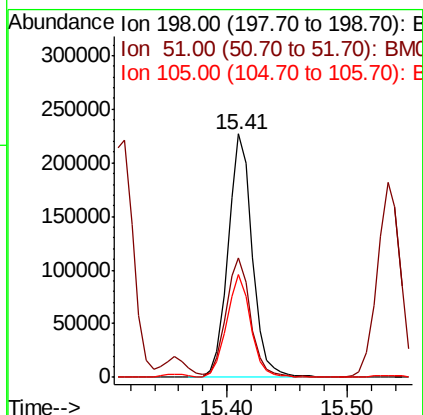
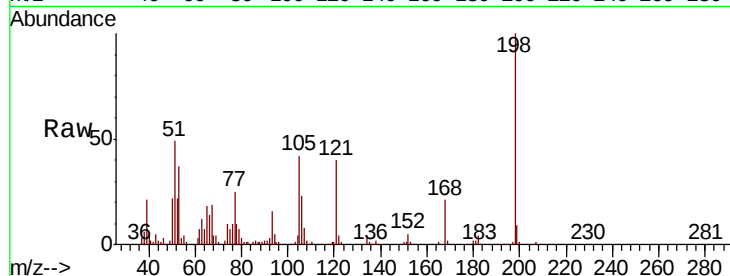




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.920 ng
 RT: 15.41 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

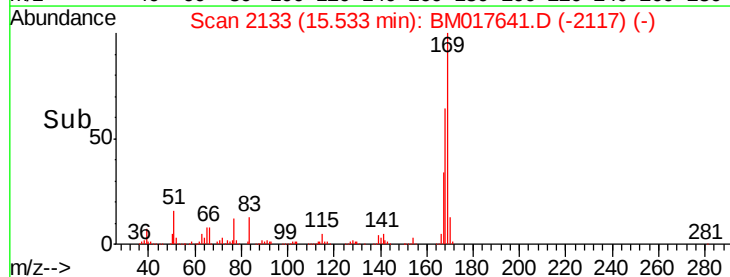
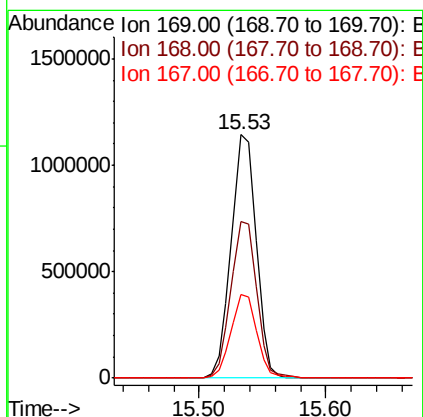
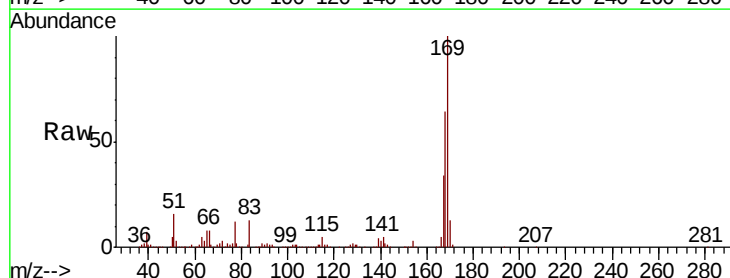
Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

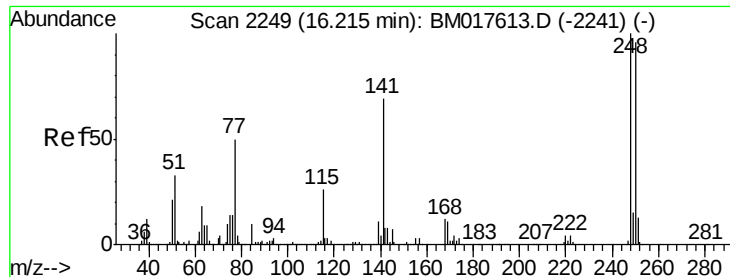
Tgt Ion:198 Resp: 315558
 Ion Ratio Lower Upper
 198 100
 51 49.2 25.9 65.9
 105 42.3 20.6 60.6



#66
 n-Nitrosodiphenylamine
 Concen: 44.749 ng
 RT: 15.53 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Tgt Ion:169 Resp: 1563365
 Ion Ratio Lower Upper
 169 100
 168 64.5 53.0 79.6
 167 34.2 28.0 42.0

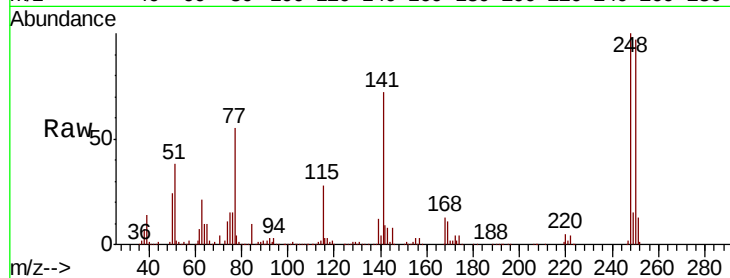




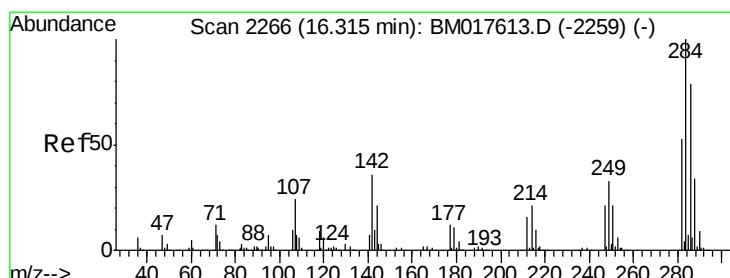
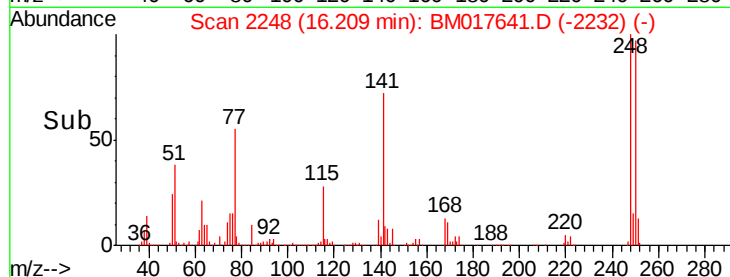
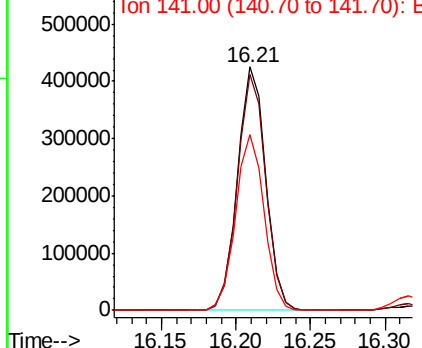
#67
 4-Bromophenyl-phenylether
 Concen: 43.431 ng
 RT: 16.21 min Scan# 2248
 Delta R.T. -0.01 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

Tgt Ion:248 Resp: 558152
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.5 114.7
 141 72.4 54.9 82.3

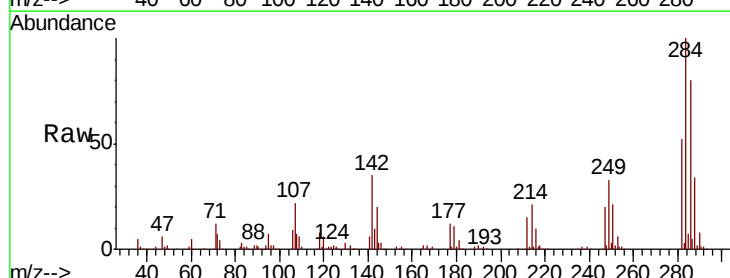


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

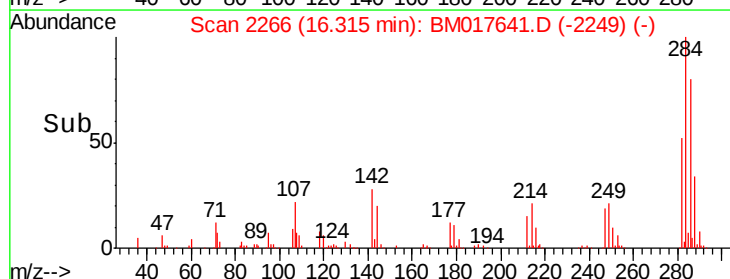
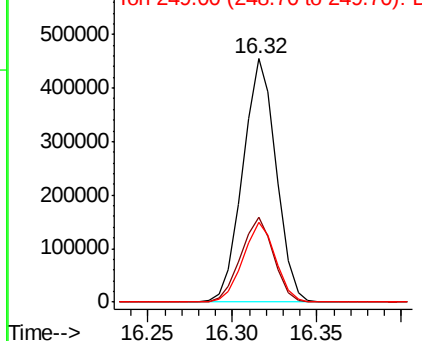


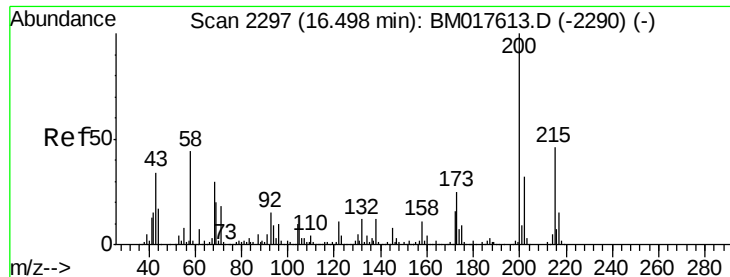
#68
 Hexachlorobenzene
 Concen: 43.107 ng
 RT: 16.32 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Tgt Ion:284 Resp: 624529
 Ion Ratio Lower Upper
 284 100
 142 34.8 28.4 42.6
 249 32.7 26.4 39.6



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





#69

Atrazine

Concen: 43.559 ng

RT: 16.50 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

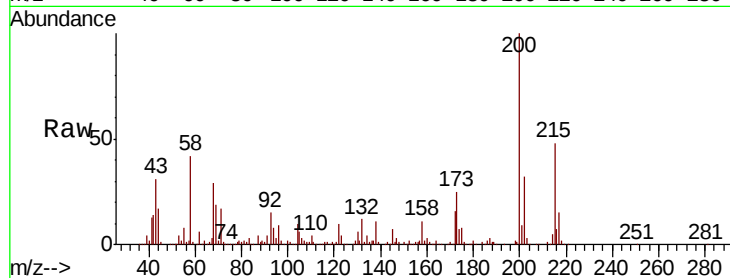
Tgt Ion:200 Resp: 559718

Ion Ratio Lower Upper

200 100

173 25.1 5.1 45.1

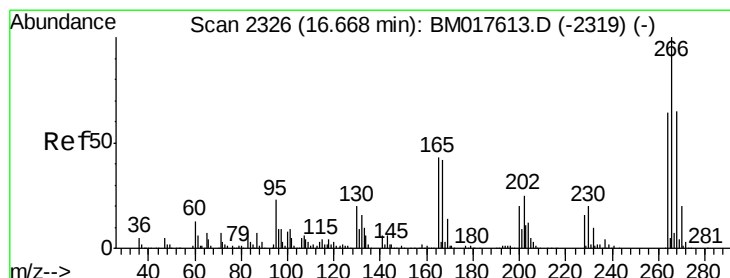
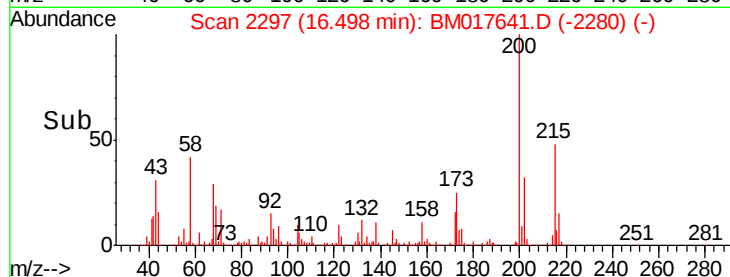
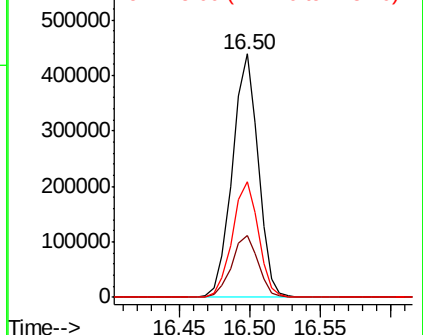
215 47.7 25.8 65.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 76.775 ng

RT: 16.67 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

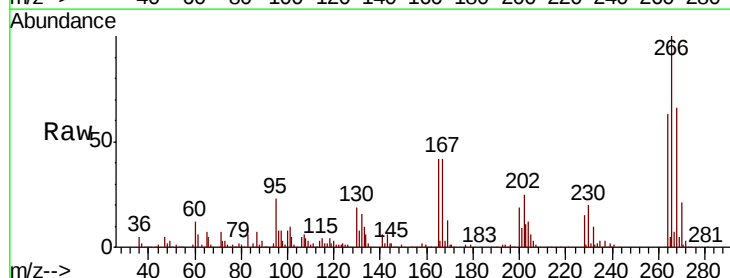
Tgt Ion:266 Resp: 779365

Ion Ratio Lower Upper

266 100

268 66.1 51.7 77.5

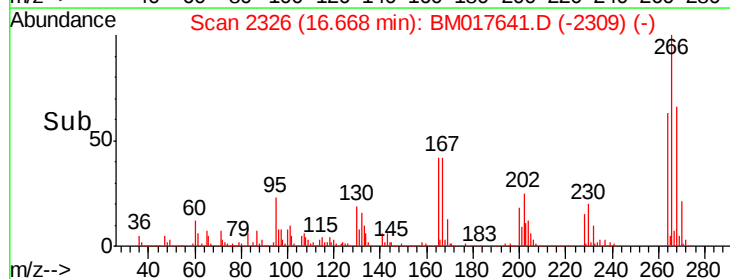
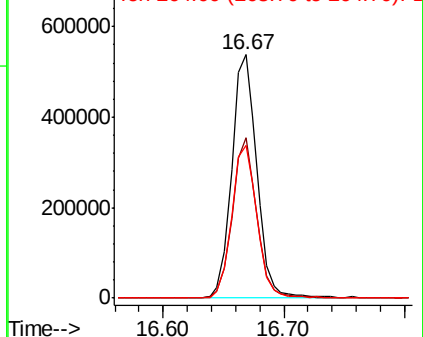
264 62.9 51.3 76.9

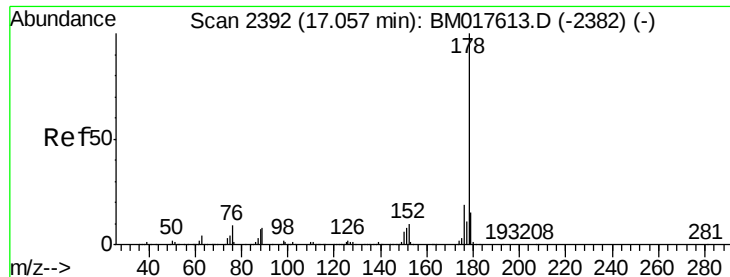


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

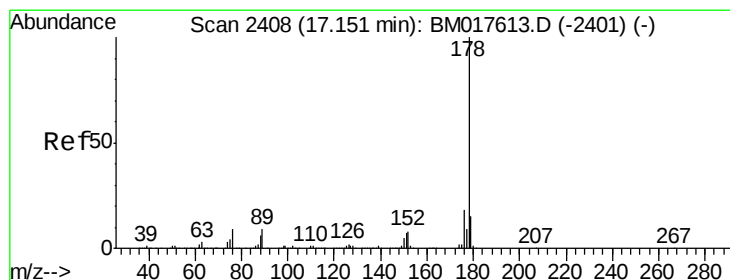
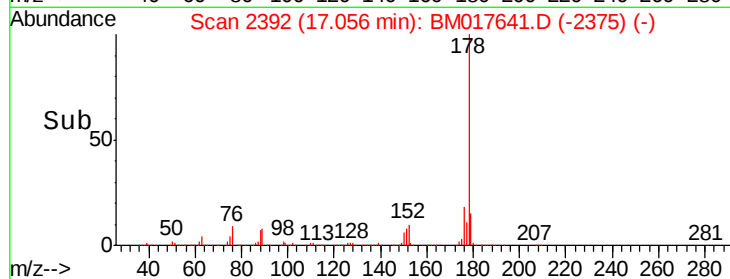
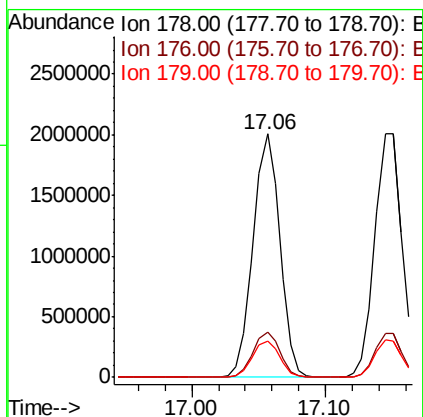
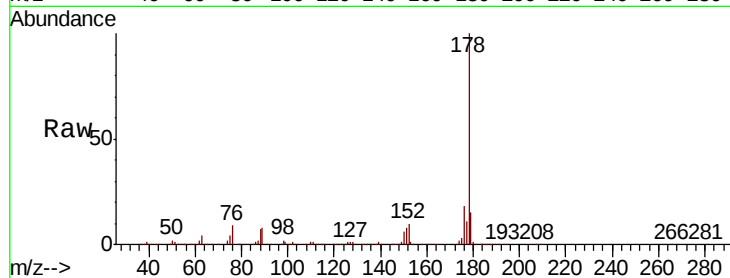




#71
Phenanthrene
Concen: 47.069 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

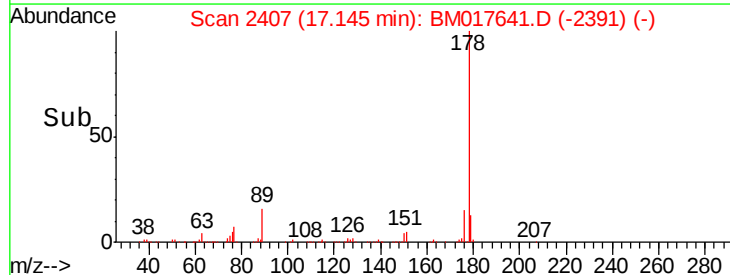
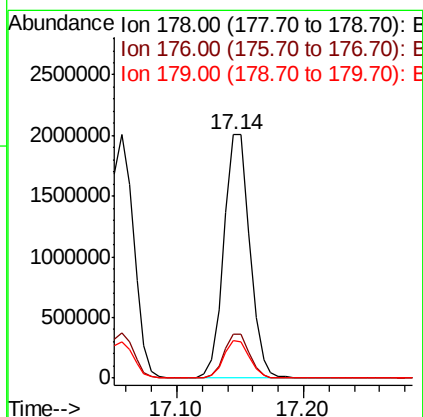
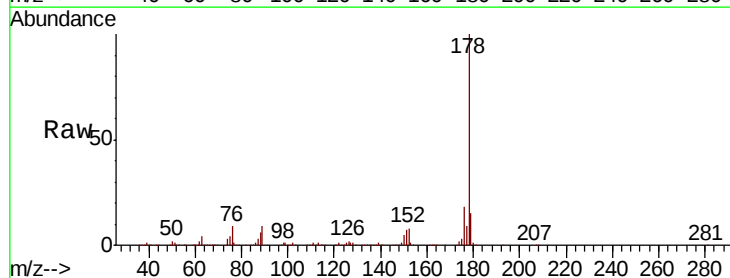
Instrument :
BNA_M
ClientSampleId :
PB114777BSD

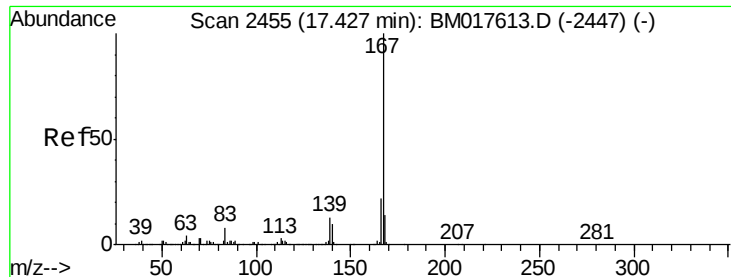
Tgt Ion:178 Resp: 2775361
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.1 12.4 18.6



#72
Anthracene
Concen: 49.343 ng
RT: 17.14 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion:178 Resp: 2831098
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 15.3 12.3 18.5

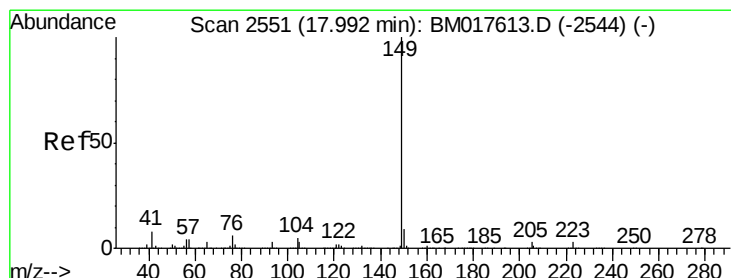
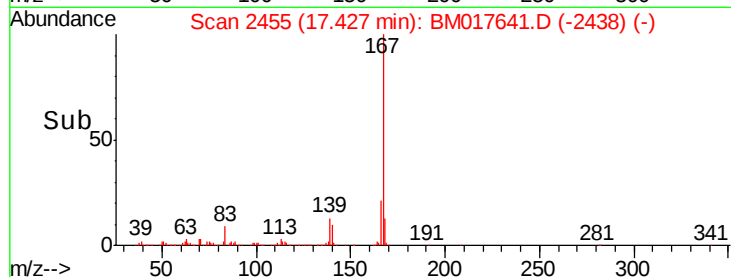
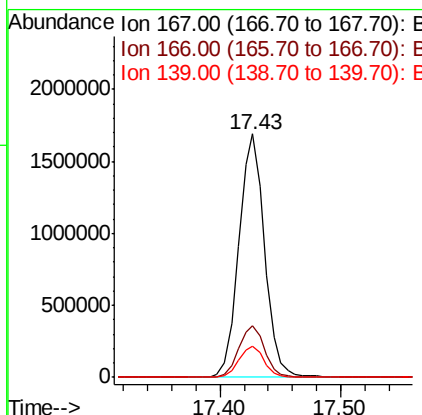
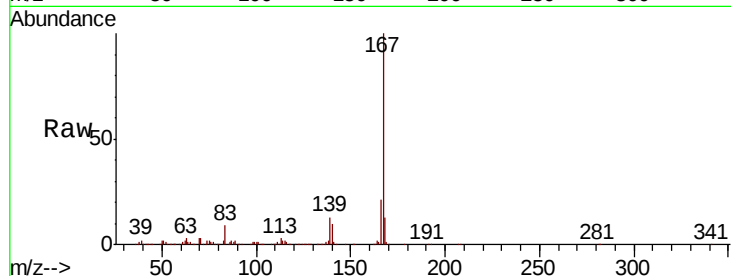




#73
 Carbazole
 Concen: 43.238 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

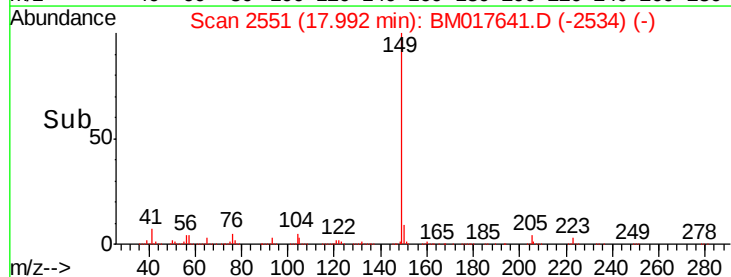
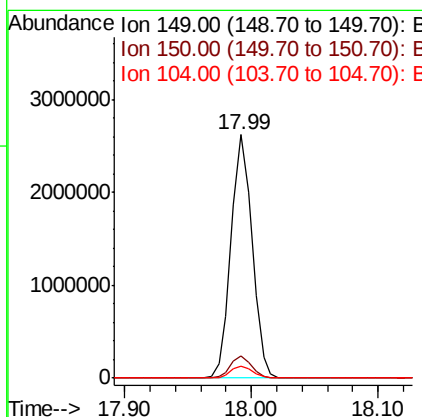
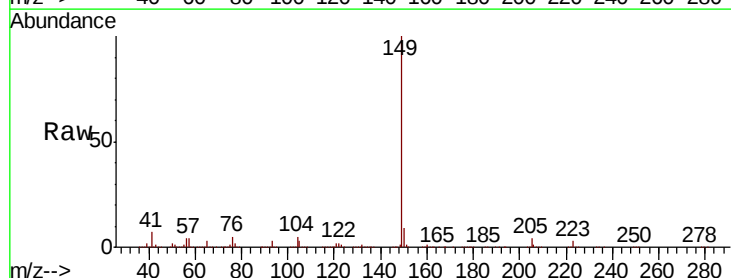
Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

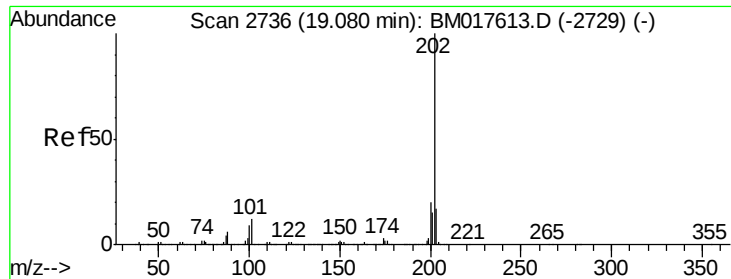
Tgt Ion:167 Resp: 2506835
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.9 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 46.491 ng
 RT: 17.99 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Tgt Ion:149 Resp: 3000595
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.0 4.3 6.5





#75

Fluoranthene

Concen: 47.086 ng

RT: 19.08 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

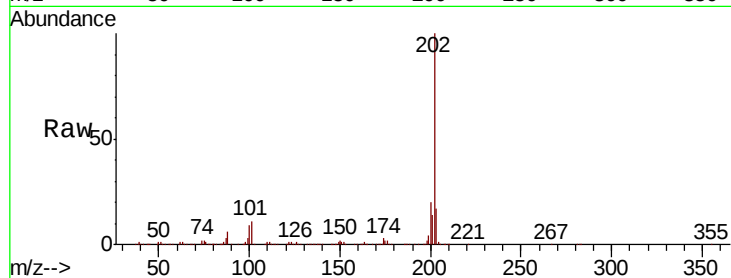
Tgt Ion:202 Resp: 3141321

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.5

203 17.2 0.0 37.2

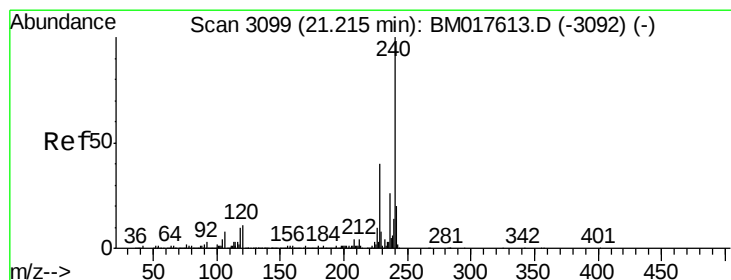
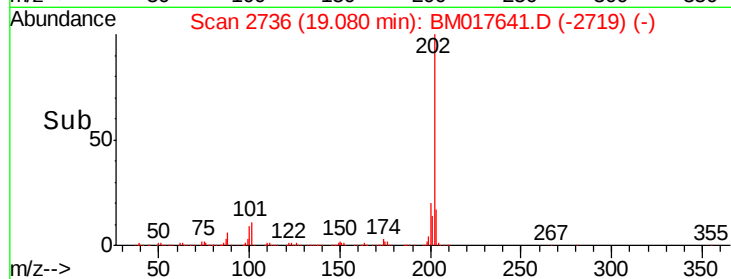
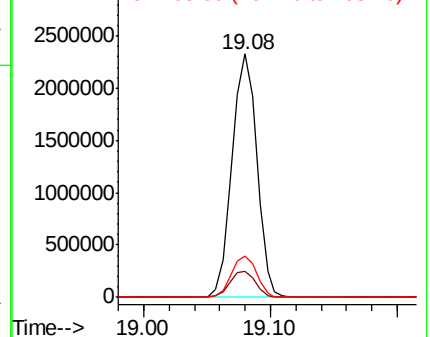


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

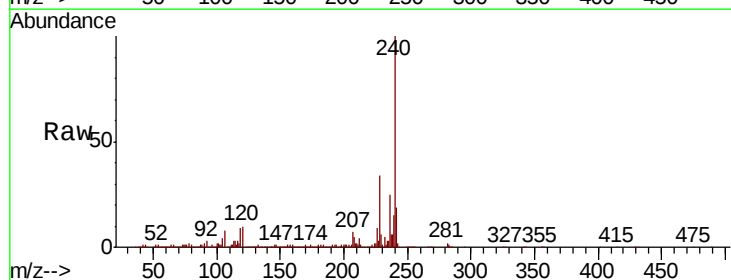
Tgt Ion:240 Resp: 1072144

Ion Ratio Lower Upper

240 100

120 10.4 8.5 12.7

236 25.4 20.4 30.6

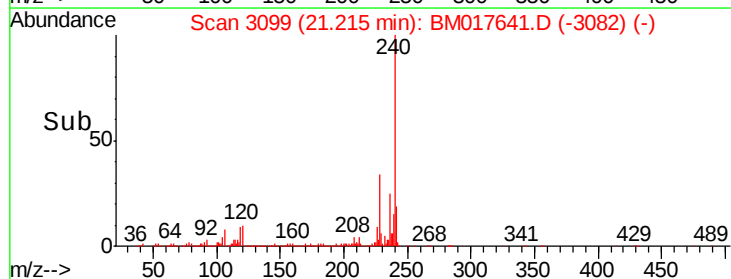
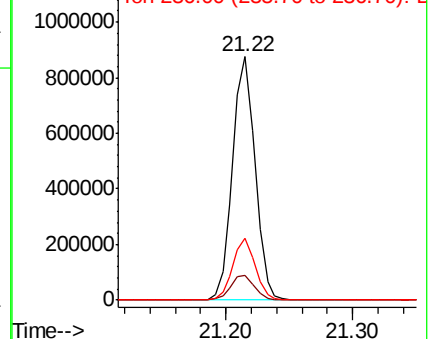


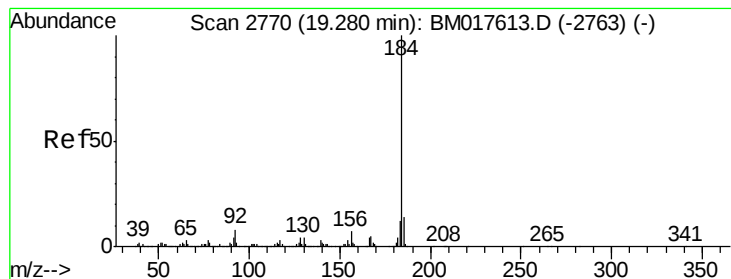
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 55.440 ng

RT: 19.28 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

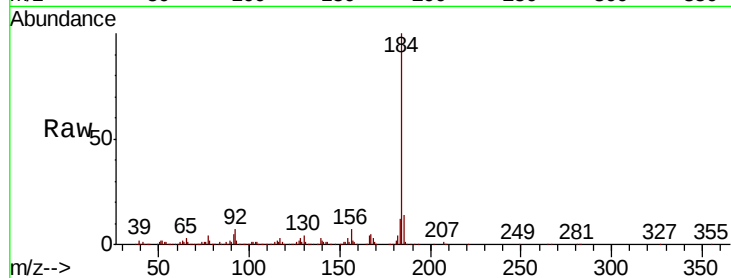
Tgt Ion:184 Resp: 1935603

Ion Ratio Lower Upper

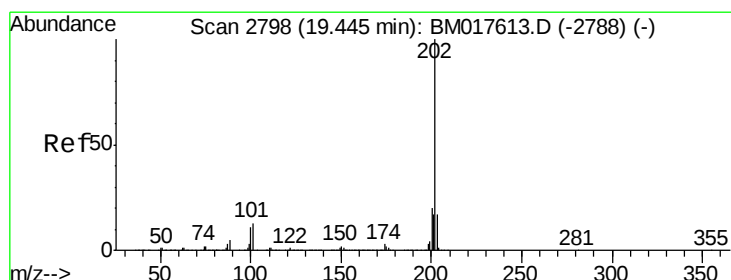
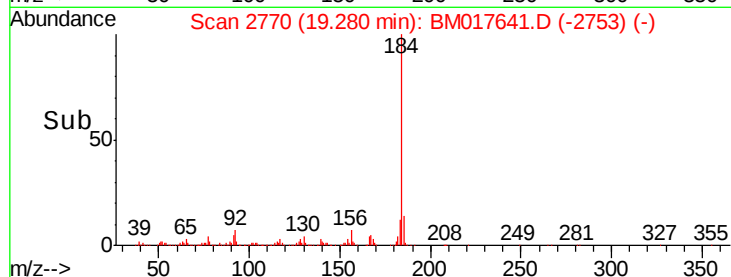
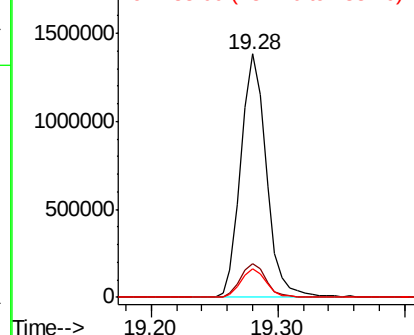
184 100

185 13.9 11.2 16.8

183 11.7 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: 48.758 ng

RT: 19.44 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

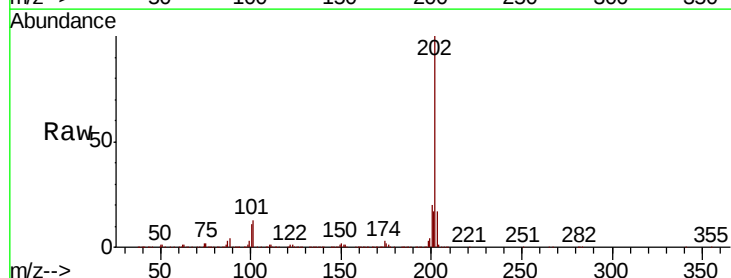
Tgt Ion:202 Resp: 3225490

Ion Ratio Lower Upper

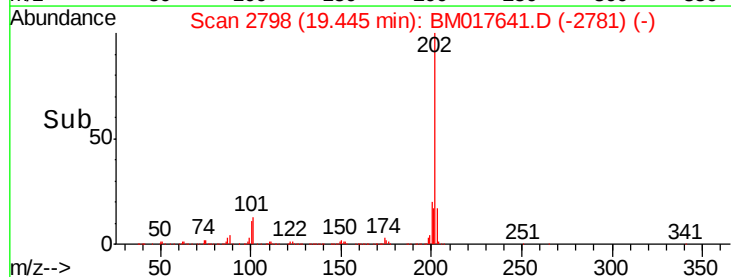
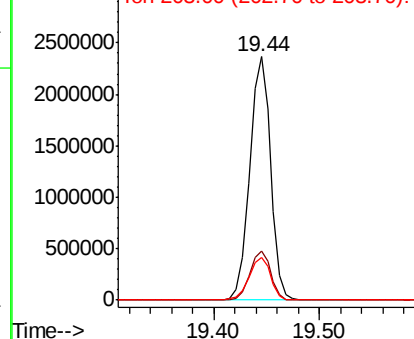
202 100

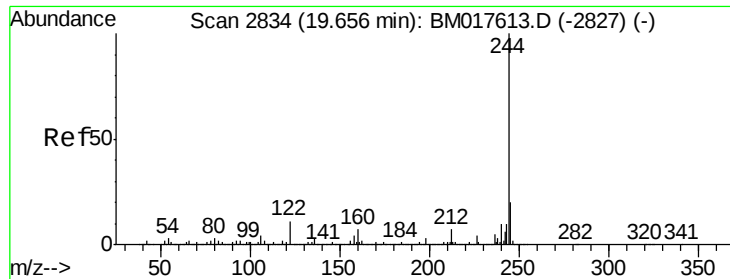
200 20.3 16.4 24.6

203 17.3 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: 76.384 ng

RT: 19.66 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

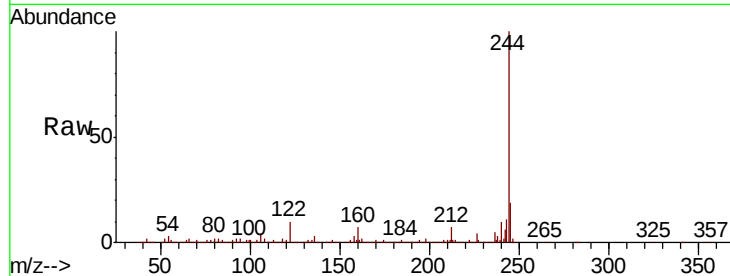
Tgt Ion:244 Resp: 3613414

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

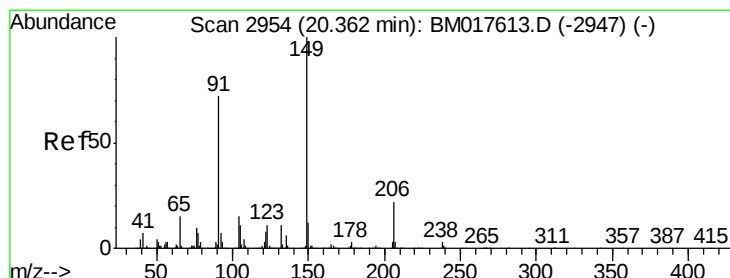
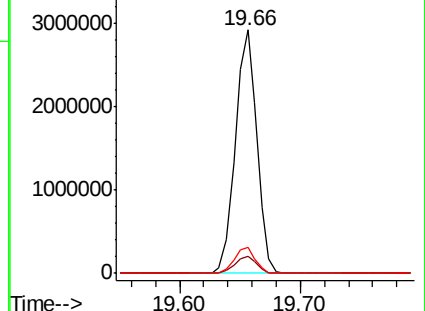
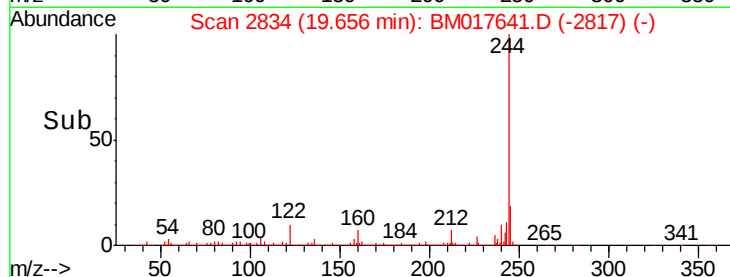
122 10.5 9.0 13.6



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: 48.777 ng

RT: 20.36 min Scan# 2954

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

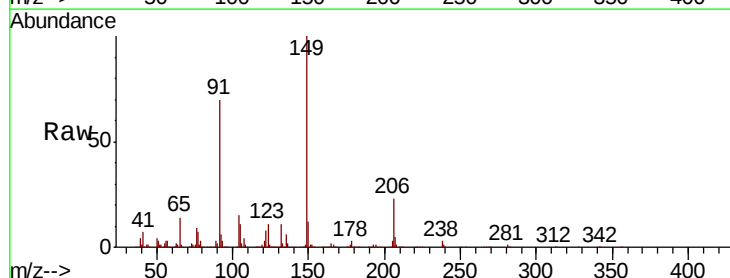
Tgt Ion:149 Resp: 1310557

Ion Ratio Lower Upper

149 100

91 70.4 57.6 86.4

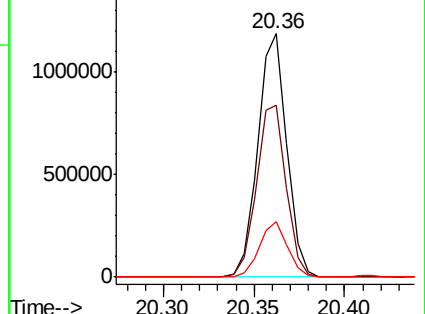
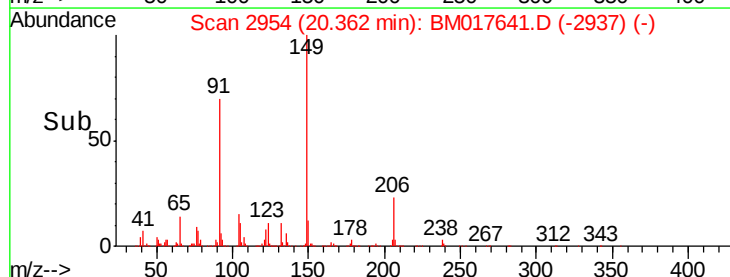
206 22.7 17.4 26.0

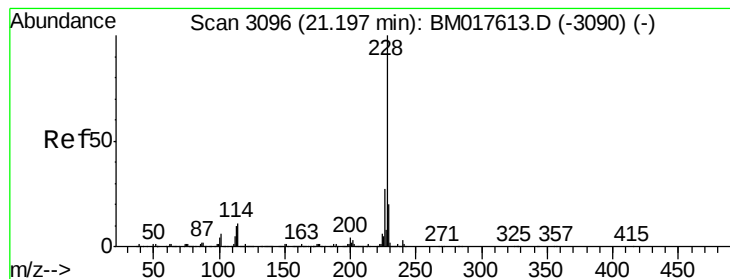


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.376 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

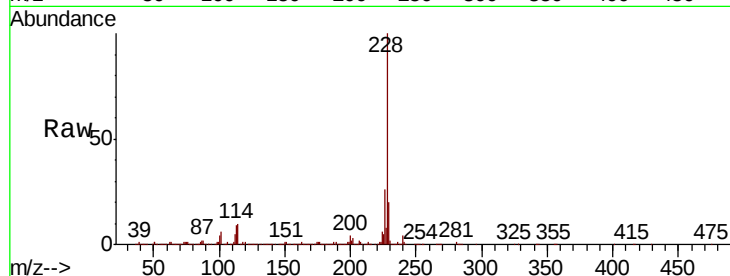
Tgt Ion:228 Resp: 2988078

Ion Ratio Lower Upper

228 100

226 26.3 21.3 31.9

229 19.7 16.0 24.0

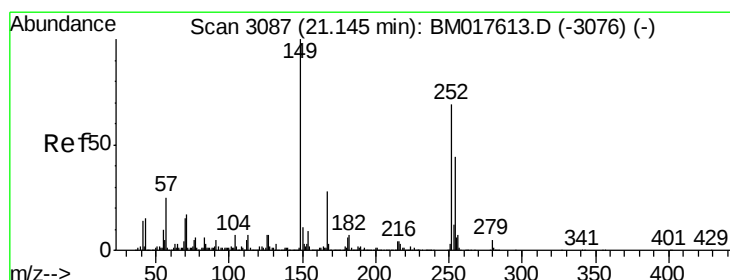
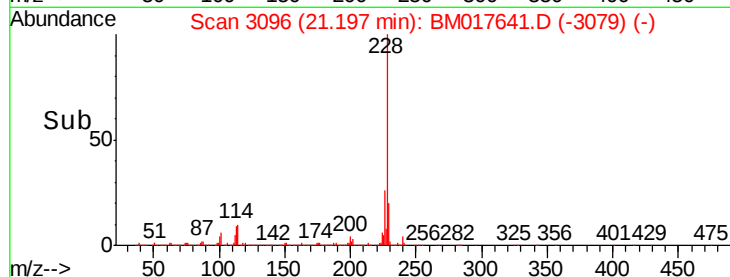
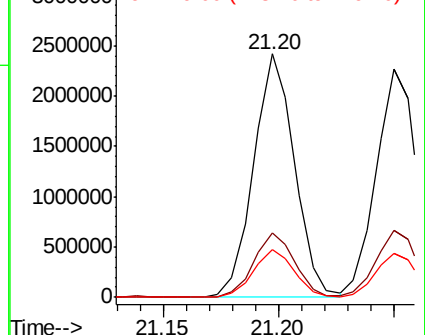


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.672 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

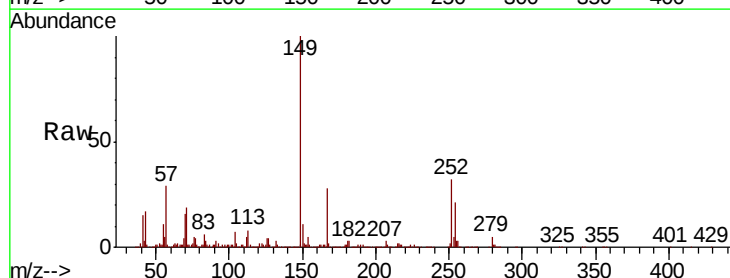
Tgt Ion:252 Resp: 731192

Ion Ratio Lower Upper

252 100

254 63.4 51.4 77.2

126 11.5 8.0 12.0

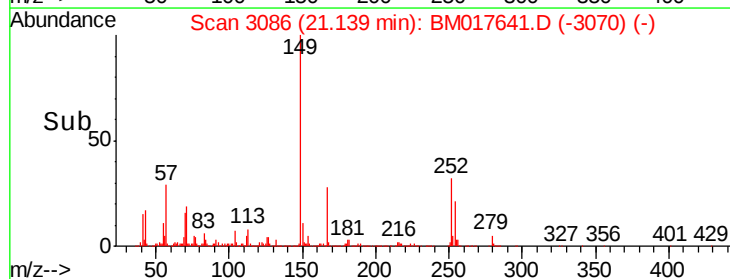
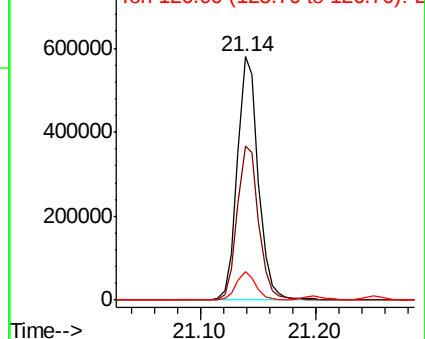


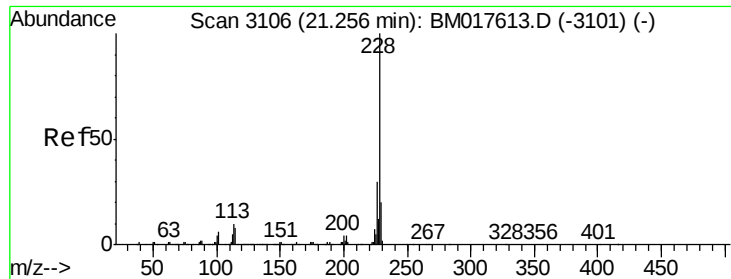
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.189 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

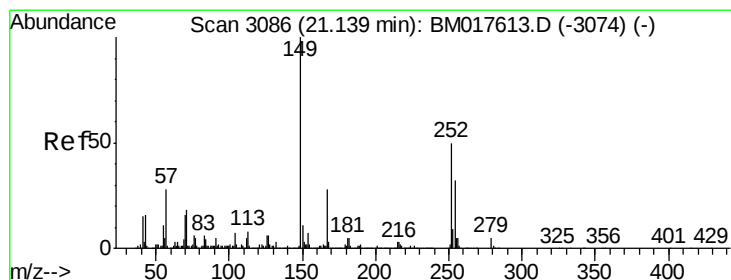
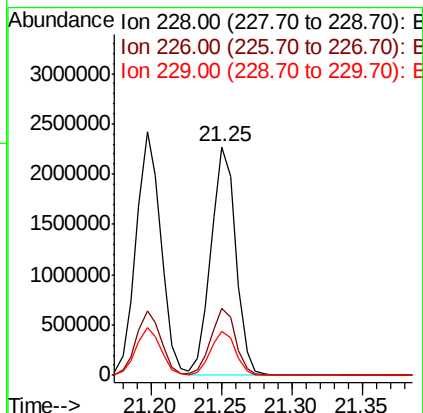
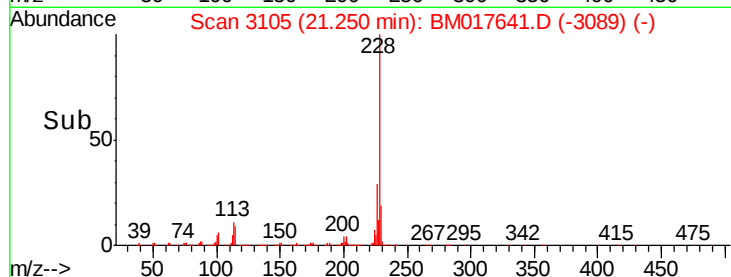
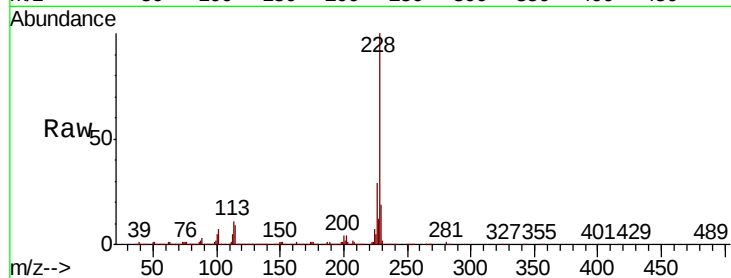
Tgt Ion:228 Resp: 2771039

Ion Ratio Lower Upper

228 100

226 29.4 23.6 35.4

229 19.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.941 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

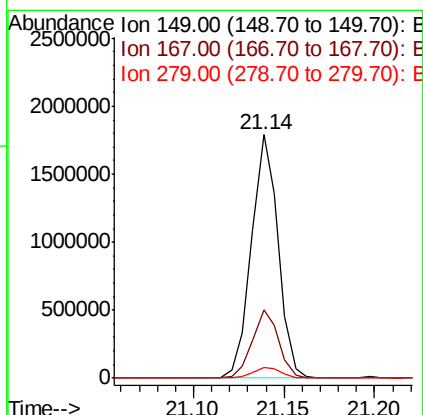
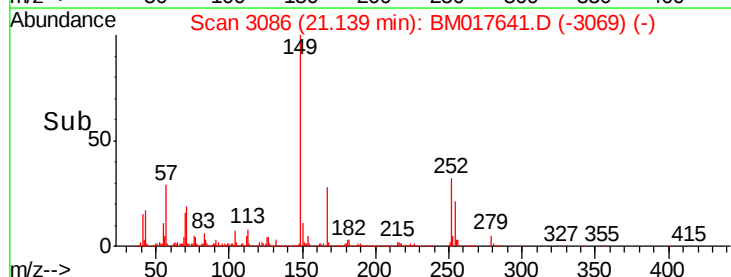
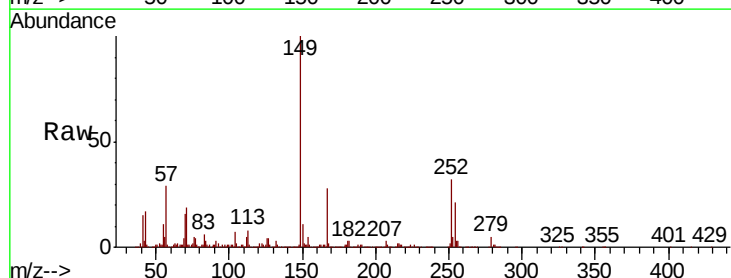
Tgt Ion:149 Resp: 1824796

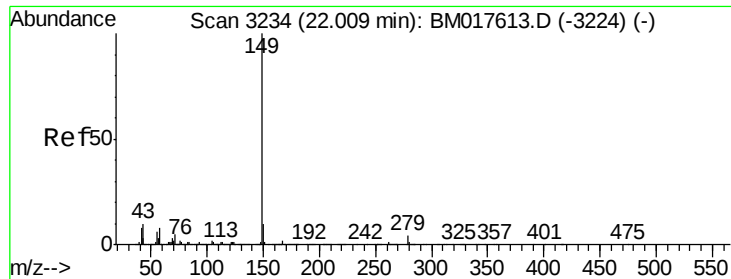
Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

279 4.6 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 46.910 ng

RT: 22.01 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

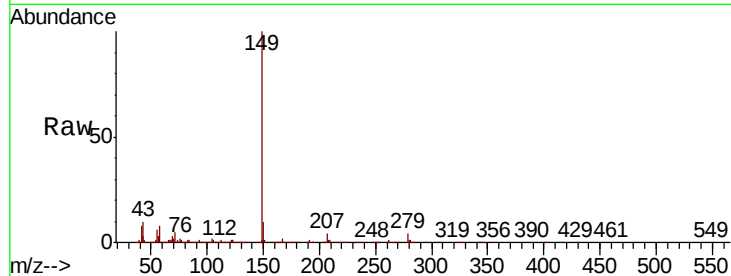
Tgt Ion:149 Resp: 2983580

Ion Ratio Lower Upper

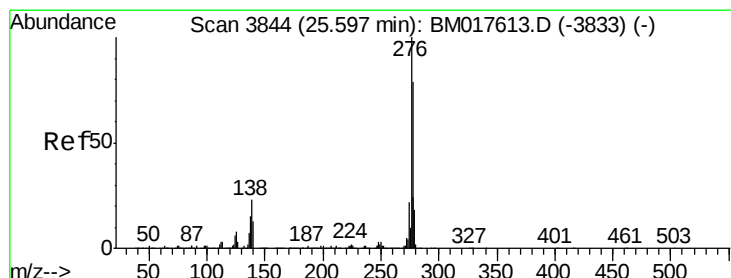
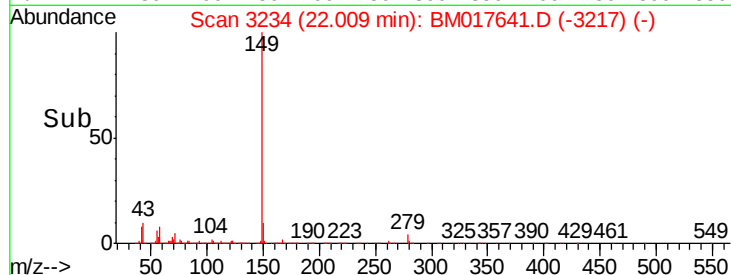
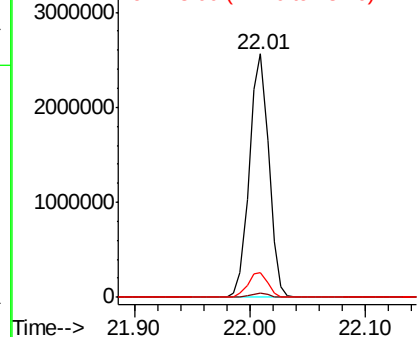
149 100

167 1.6 1.3 1.9

43 10.5 8.3 12.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.397 ng

RT: 25.60 min Scan# 3844

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

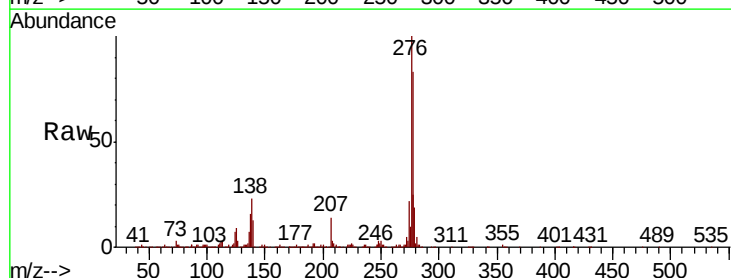
Tgt Ion:276 Resp: 2416094

Ion Ratio Lower Upper

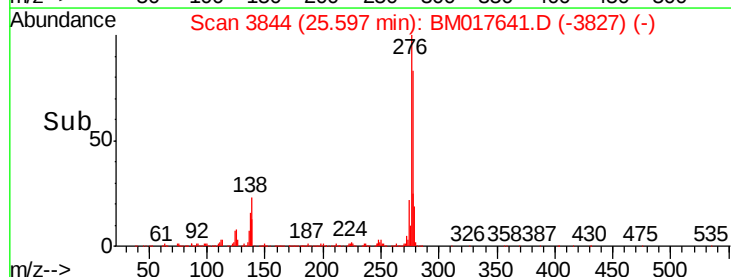
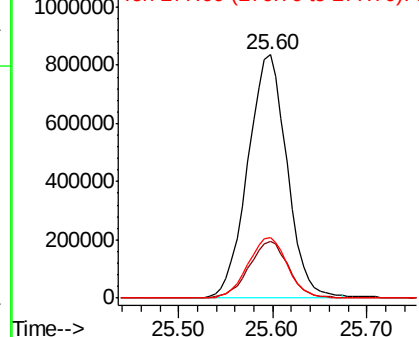
276 100

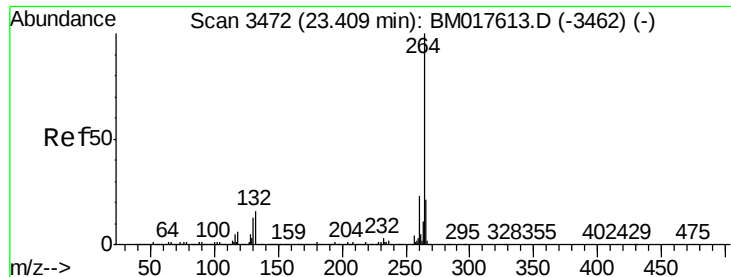
138 23.6 19.1 28.7

277 25.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

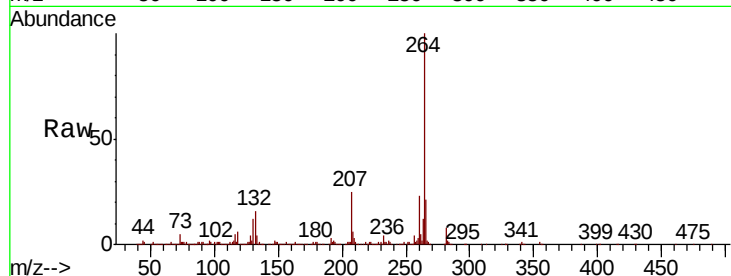
Tgt Ion:264 Resp: 896060

Ion Ratio Lower Upper

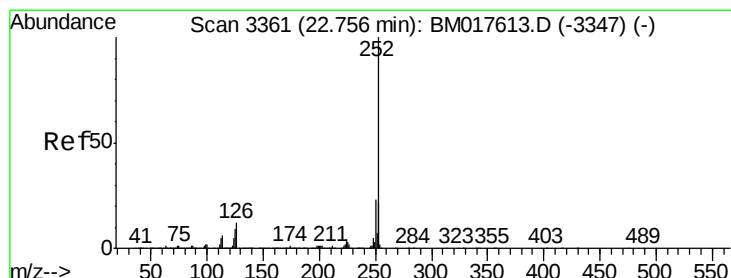
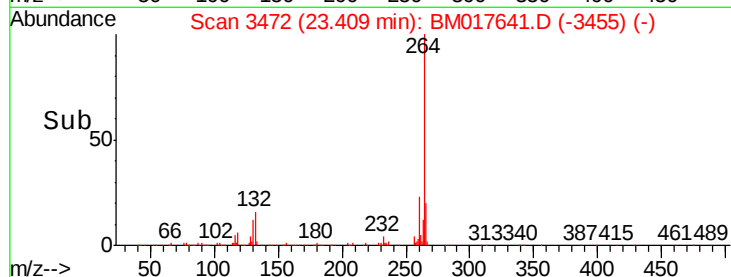
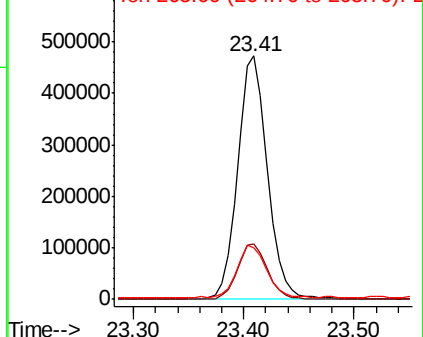
264 100

260 22.5 18.2 27.2

265 21.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.826 ng

RT: 22.76 min Scan# 3361

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

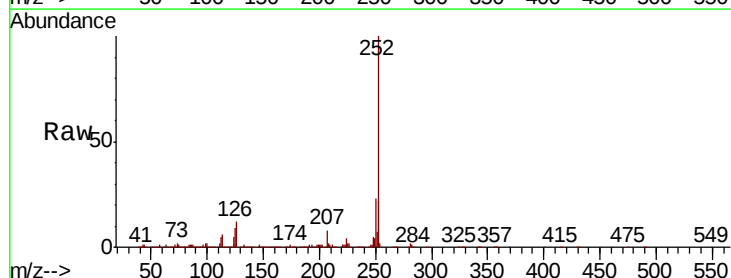
Tgt Ion:252 Resp: 2562206

Ion Ratio Lower Upper

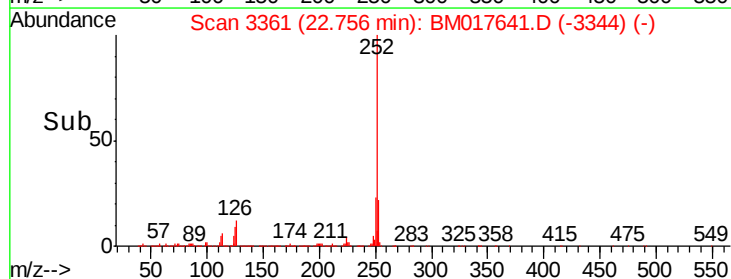
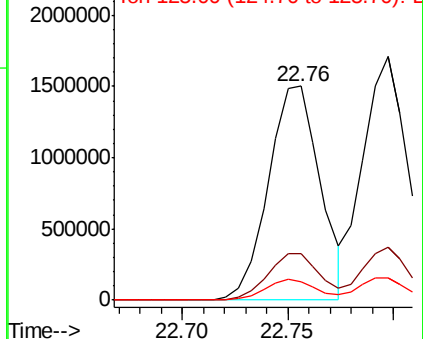
252 100

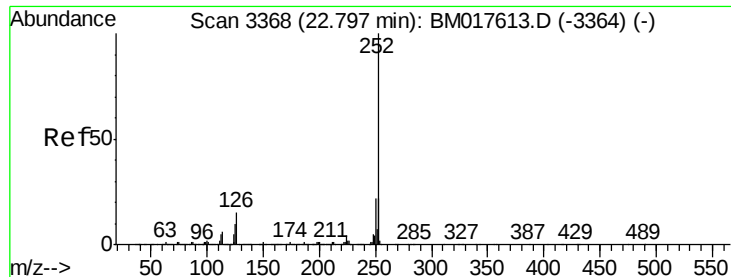
253 21.9 17.3 25.9

125 8.8 7.6 11.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.040 ng

RT: 22.80 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

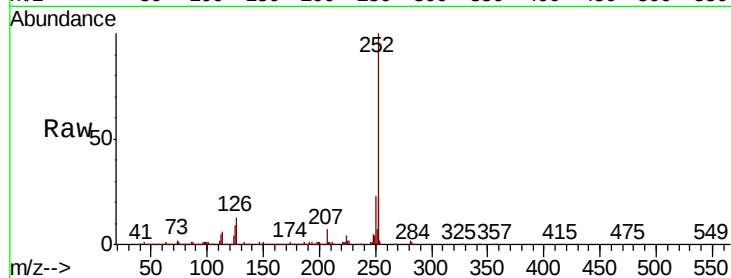
Tgt Ion:252 Resp: 2548009

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

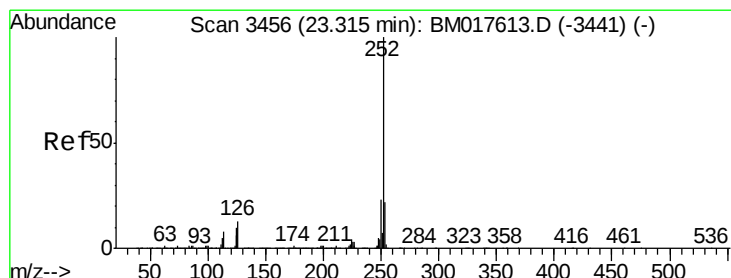
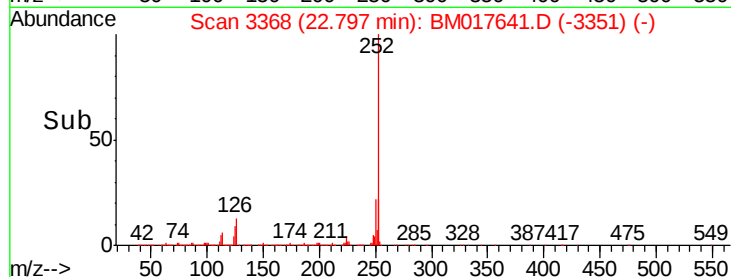
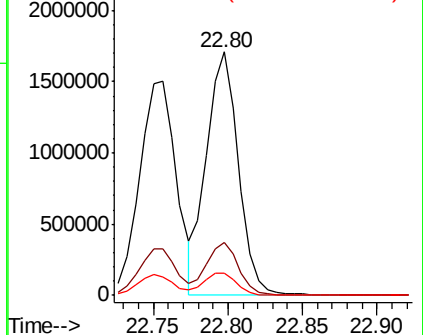
125 9.2 7.9 11.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 49.458 ng

RT: 23.31 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

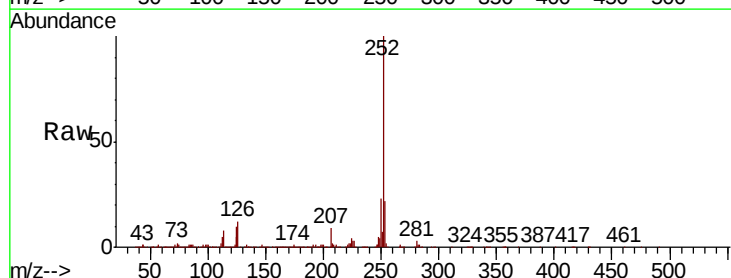
Tgt Ion:252 Resp: 2366434

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

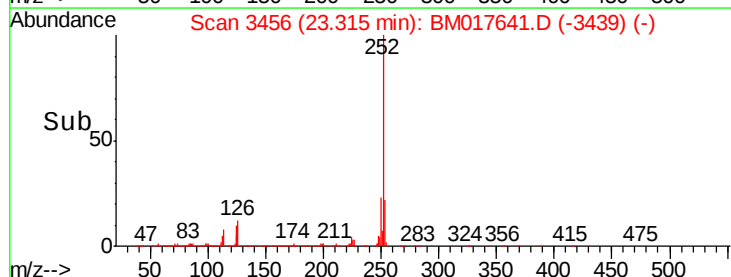
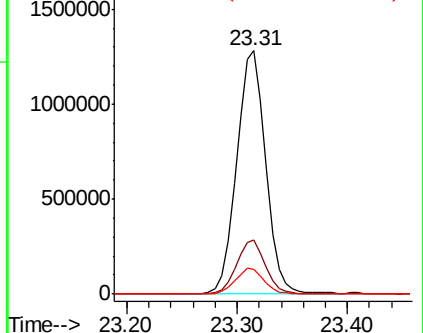
125 10.4 8.2 12.2

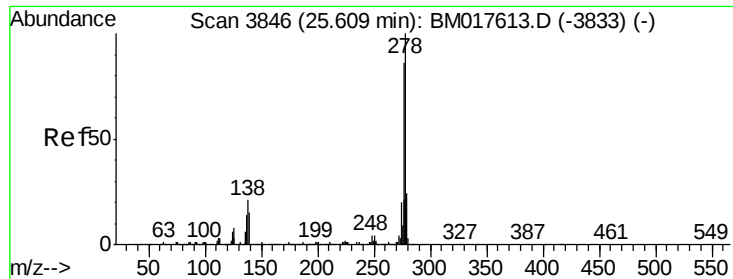


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 51.265 ng

RT: 25.60 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

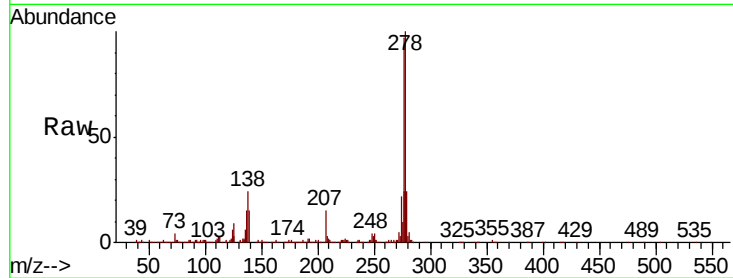
Tgt Ion:278 Resp: 2062173

Ion Ratio Lower Upper

278 100

139 15.3 11.8 17.6

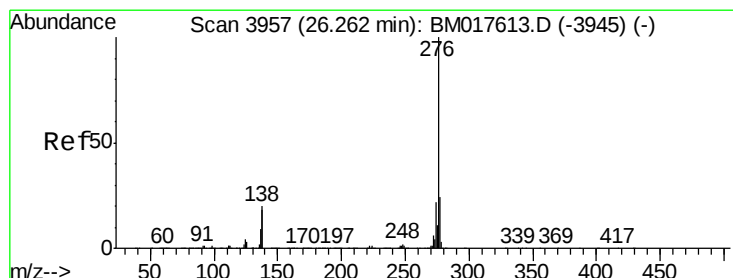
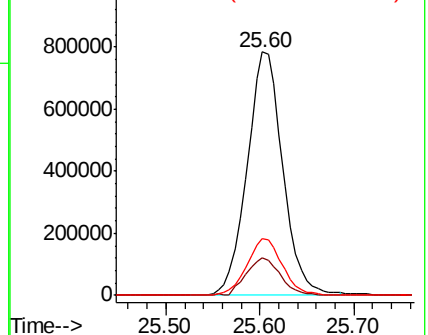
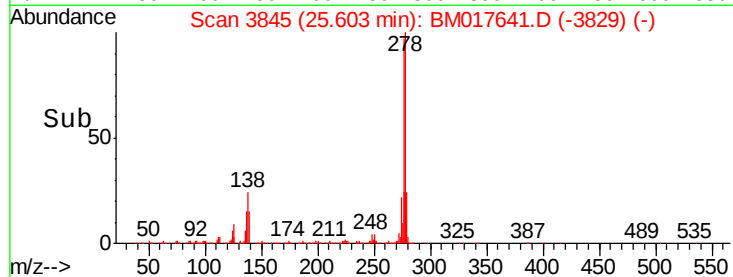
279 23.5 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.194 ng

RT: 26.26 min Scan# 3957

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

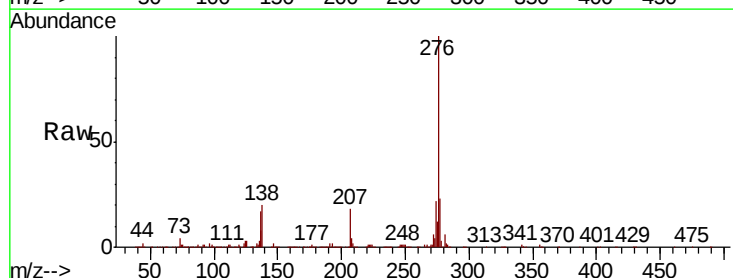
Tgt Ion:276 Resp: 1974335

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 20.2 15.9 23.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

