

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
 Data File : BM014204.D
 Acq On : 08 Feb 2018 21:45
 Operator : SJ/JU
 Sample : PB106402BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB106402BS

Quant Time: Feb 09 04:10:11 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	108486	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	504317	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	309498	20.00	ng	0.00
63) Phenanthrene-d10	16.95	188	622460	20.00	ng	0.00
75) Chrysene-d12	21.16	240	471074	20.00	ng	0.00
86) Perylene-d12	23.34	264	392513	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	955185	153.46	ng	0.00
7) Phenol-d6	6.74	99	1269650	144.03	ng	0.00
23) Nitrobenzene-d5	8.70	82	945466	83.74	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	484779	110.39	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	2182109	88.01	ng	0.00
78) Terphenyl-d14	19.60	244	2403603	99.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	80262	31.381	ng	# 100
3) Pyridine	3.52	79	241841	34.146	ng	# 92
4) n-Nitrosodimethylamine	3.45	42	192385	42.641	ng	# 53
6) Aniline	6.89	93	253040	22.516	ng	97
8) 2-Chlorophenol	7.11	128	334105	47.228	ng	95
9) Benzaldehyde	6.71	77	87750	13.832	ng	86
10) Phenol	6.76	94	422133	48.507	ng	98
11) bis(2-Chloroethyl)ether	6.99	93	270013	39.251	ng	99
12) 1,3-Dichlorobenzene	7.43	146	341630	38.636	ng	# 89
13) 1,4-Dichlorobenzene	7.57	146	351374	39.554	ng	# 92
14) 1,2-Dichlorobenzene	7.89	146	345043	38.597	ng	# 94
15) Benzyl Alcohol	7.79	79	334099	40.903	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.07	45	274988	39.300	ng	83
17) 2-Methylphenol	8.00	107	281801	42.310	ng	# 84
18) Hexachloroethane	8.59	117	147948	38.531	ng	90
19) n-Nitroso-di-n-propylamine	8.35	70	289211	38.085	ng	92
20) 3+4-Methylphenols	8.32	107	383275	39.734	ng	88
22) Acetophenone	8.37	105	547326	37.744	ng	# 93
24) Nitrobenzene	8.75	77	441438	37.974	ng	94
25) Isophorone	9.26	82	737434	39.426	ng	# 93
26) 2-Nitrophenol	9.45	139	179992	41.045	ng	# 47
27) 2,4-Dimethylphenol	9.51	122	328633	49.168	ng	# 81
28) bis(2-Chloroethoxy)methane	9.75	93	411660	42.916	ng	99
29) 2,4-Dichlorophenol	9.97	162	336676	45.080	ng	96
30) 1,2,4-Trichlorobenzene	10.18	180	378161	38.410	ng	99
31) Naphthalene	10.36	128	1073111	38.861	ng	100
32) Benzoic acid	9.70	122	182114	33.765	ng	# 80
33) 4-Chloroaniline	10.50	127	83488	7.273	ng	# 88
34) Hexachlorobutadiene	10.63	225	240612	35.627	ng	99
35) Caprolactam	11.30	113	59058	22.112	ng	# 73
36) 4-Chloro-3-methylphenol	11.63	107	379798	41.046	ng	86
37) 2-Methylnaphthalene	11.99	142	830146	39.918	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	464146	42.800	ng	# 100
40) Hexachlorocyclopentadiene	12.33	237	550410	86.096	ng	98

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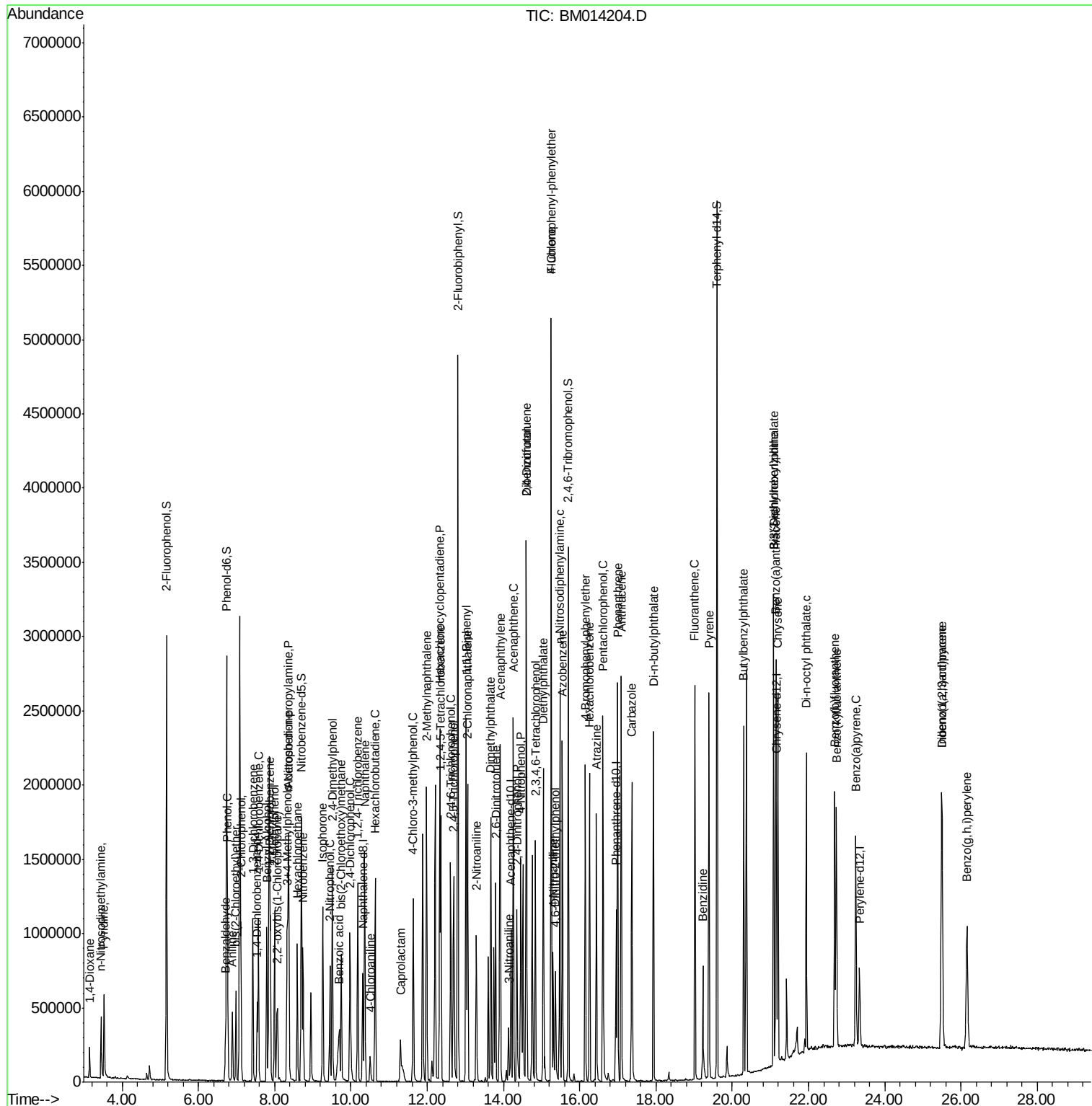
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.62	196	281465	44.180	nq	94
43) 2,4,5-Trichlorophenol	12.70	196	296244	42.117	nq #	87
45) 1,1'-Biphenyl	13.02	154	1118021	41.702	nq	99
46) 2-Chloronaphthalene	13.06	162	850742	41.803	nq	95
47) 2-Nitroaniline	13.29	65	277533	37.059	nq #	82
48) Acenaphthylene	13.92	152	1327425	39.778	nq	99
49) Dimethylphthalate	13.67	163	1015399	36.648	nq #	99
50) 2,6-Dinitrotoluene	13.80	165	218262	38.390	nq #	69
51) Acenaphthene	14.26	154	794284	38.613	nq	98
52) 3-Nitroaniline	14.13	138	75577	12.851	nq #	73
53) 2,4-Dinitrophenol	14.35	184	212237	66.961	nq	92
54) Dibenzofuran	14.60	168	1296207	40.327	nq #	89
55) 4-Nitrophenol	14.46	139	300593	65.628	nq #	81
56) 2,4-Dinitrotoluene	14.60	165	311646	35.519	nq #	78
57) Fluorene	15.26	166	1068575	37.789	nq	97
58) 2,3,4,6-Tetrachlorophenol	14.84	232	266889	38.514	nq #	100
59) Diethylphthalate	15.04	149	1067327	34.704	nq	97
60) 4-Chlorophenyl-phenylether	15.25	204	560493	38.131	nq	92
61) 4-Nitroaniline	15.30	138	174321	29.623	nq #	18
62) Azobenzene	15.54	77	1172649	36.712	nq	83
64) 4,6-Dinitro-2-methylphenol	15.36	198	137950	34.171	nq	88
65) n-Nitrosodiphenylamine	15.47	169	892848	45.436	nq	98
66) 4-Bromophenyl-phenylether	16.14	248	319248	43.758	nq #	82
67) Hexachlorobenzene	16.26	284	327376	40.871	nq #	79
68) Atrazine	16.44	200	303281	41.148	nq	99
69) Pentachlorophenol	16.61	266	355726	65.969	nq	96
70) Phenanthrene	17.00	178	1520800	40.501	nq	100
71) Anthracene	17.09	178	1559448	42.623	nq	99
72) Carbazole	17.37	167	1269028	36.899	nq	98
73) Di-n-butylphthalate	17.93	149	1574700	35.779	nq #	97
74) Fluoranthene	19.02	202	1560567	35.302	nq	100
76) Benzidine	19.23	184	474430	33.818	nq	99
77) Pyrene	19.39	202	1528031	46.691	nq	99
79) Butylbenzylphthalate	20.30	149	576009	39.082	nq #	83
80) Benzo(a)anthracene	21.14	228	1244389	40.653	nq	99
81) 3,3'-Dichlorobenzidine	21.09	252	260865	22.802	nq	97
82) Chrysene	21.20	228	1161544	39.119	nq	98
83) Bis(2-ethylhexyl)phthalate	21.08	149	770630	35.847	nq	97
84) Di-n-octyl phthalate	21.94	149	1170282	39.322	nq #	96
85) Indeno(1,2,3-cd)pyrene	25.50	276	1151774	49.338	nq	97
87) Benzo(b)fluoranthene	22.69	252	1082870	39.759	nq #	94
88) Benzo(k)fluoranthene	22.73	252	1029131	39.748	nq #	95
89) Benzo(a)pyrene	23.24	252	1003476	41.809	nq	99
90) Dibenzo(a,h)anthracene	25.50	278	970005	49.454	nq #	93
91) Benzo(g,h,i)perylene	26.16	276	975851	53.213	nq #	90

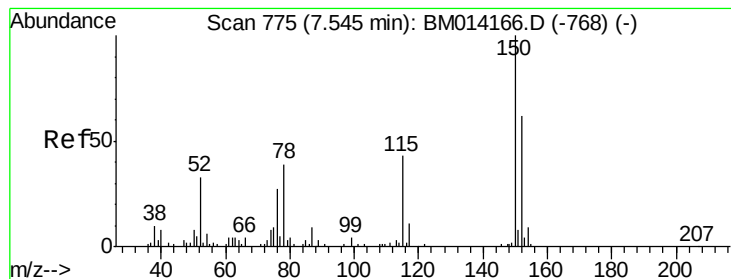
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.54 min Scan# 774

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampled :

PB106402BS

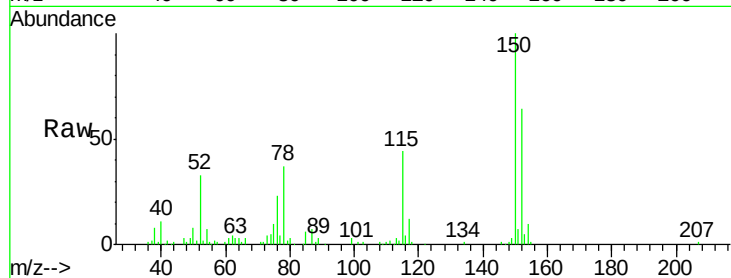
Tot Ion:152 Resp: 108486

Ion Ratio Lower Upper

152 100

150 156.9 119.5 179.3

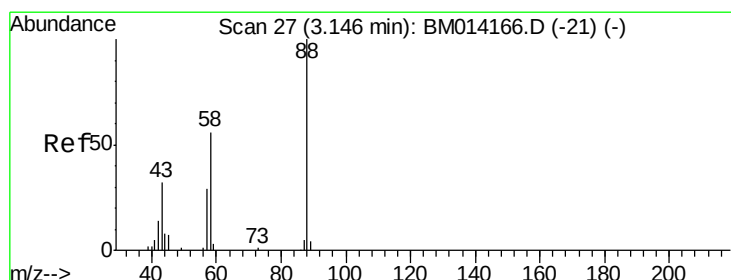
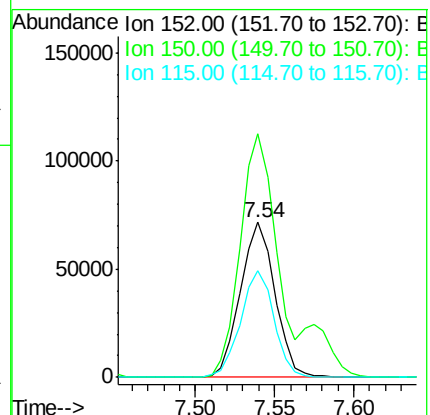
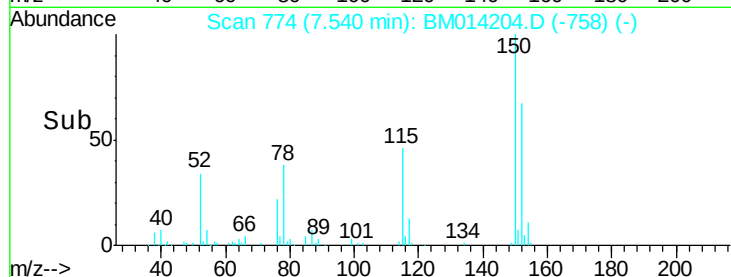
115 68.7 43.0 64.4#



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: 31.381 ng

RT: 3.15 min Scan# 27

Delta R.T. 0.00 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

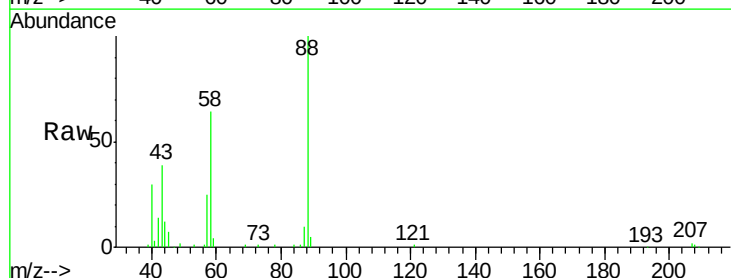
Tgt Ion: 88 Resp: 80262

Ion Ratio Lower Upper

88 100

58 67.1 0.0 0.0#

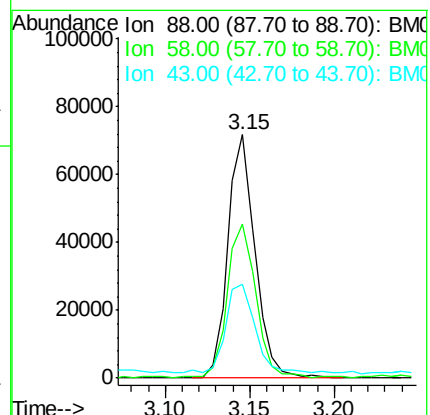
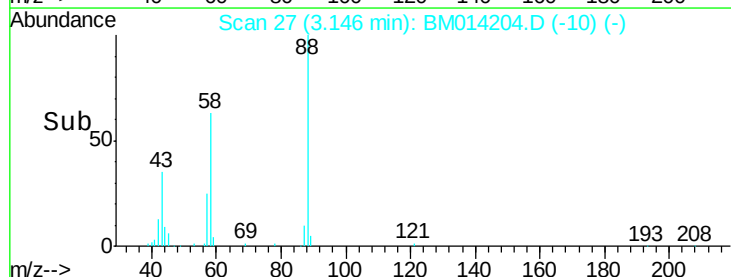
43 41.1 0.0 0.0#

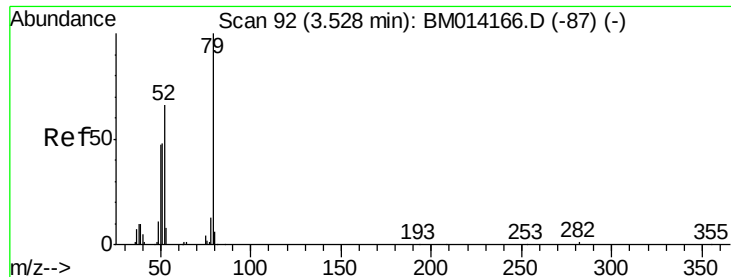


Abundance Ion 88.00 (87.70 to 88.70): BMC

Ion 58.00 (57.70 to 58.70): BMC

Ion 43.00 (42.70 to 43.70): BMC





#3

Pvridine

Concen: 34.146 ng

RT: 3.52 min Scan# 91

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

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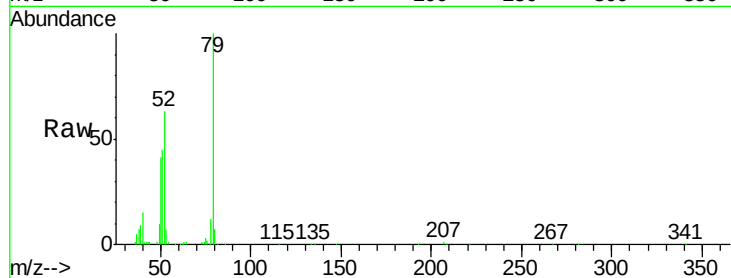
Tot Ion: 79 Resp: 241841

Ion Ratio Lower Upper

79 100

52 62.6 51.1 76.7

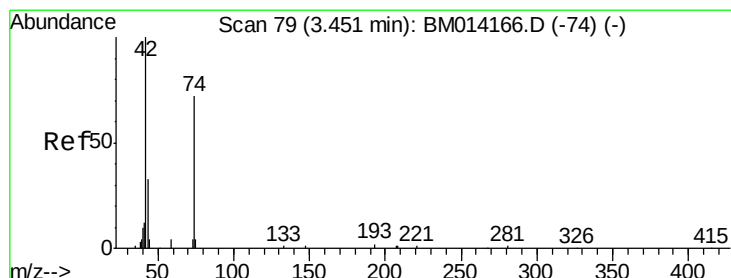
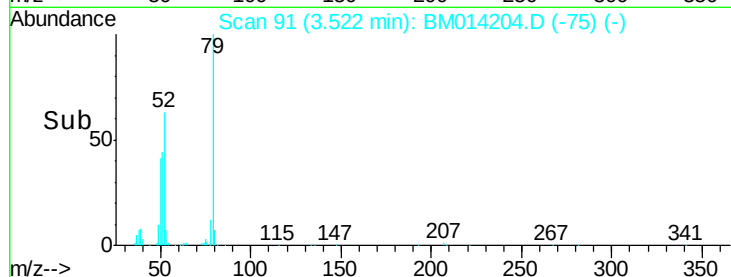
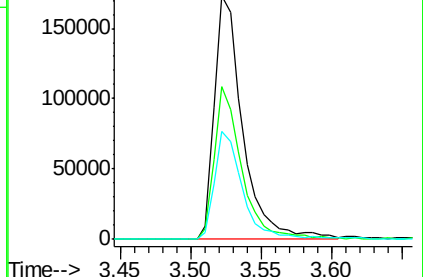
51 44.5 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM014166.D (-87) (-)

Ion 52.00 (51.70 to 52.70): BM014166.D (-87) (-)

Ion 51.00 (50.70 to 51.70): BM014166.D (-87) (-)



#4

n-Nitrosodimethylamine

Concen: 42.641 ng

RT: 3.45 min Scan# 78

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

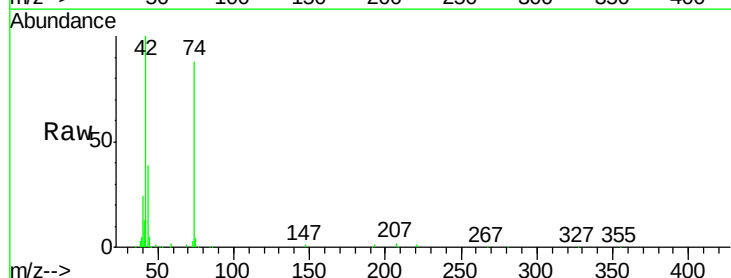
Tgt Ion: 42 Resp: 192385

Ion Ratio Lower Upper

42 100

74 88.0 119.3 178.9#

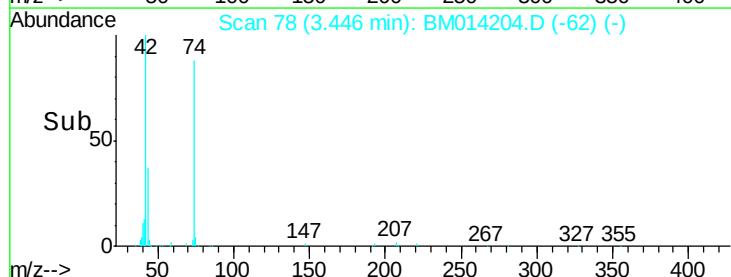
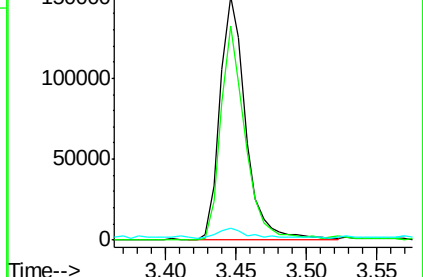
44 4.8 5.4 8.2#

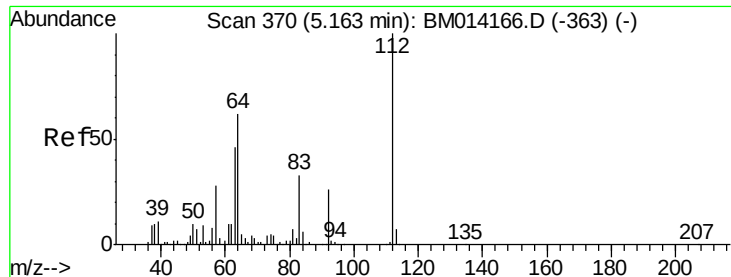


Abundance Ion 42.00 (41.70 to 42.70): BM014166.D (-74) (-)

Ion 74.00 (73.70 to 74.70): BM014166.D (-74) (-)

Ion 44.00 (43.70 to 44.70): BM014166.D (-74) (-)





#5

2-Fluorophenol

Concen: 153.464 ng

RT: 5.16 min Scan# 370

Delta R.T. 0.00 min

Lab File: BM014204.D

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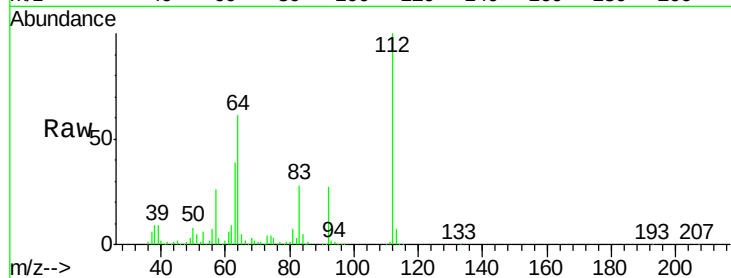
Tot Ion:112 Resp: 955185

Ion Ratio Lower Upper

112 100

64 60.8 38.6 57.8#

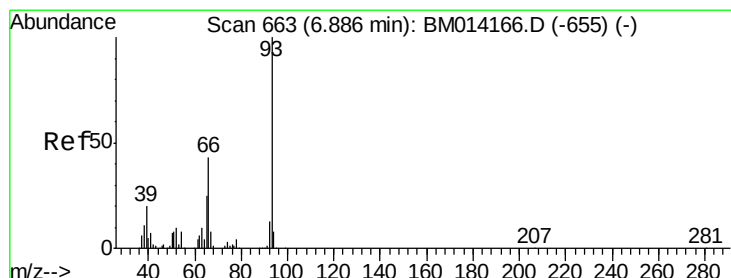
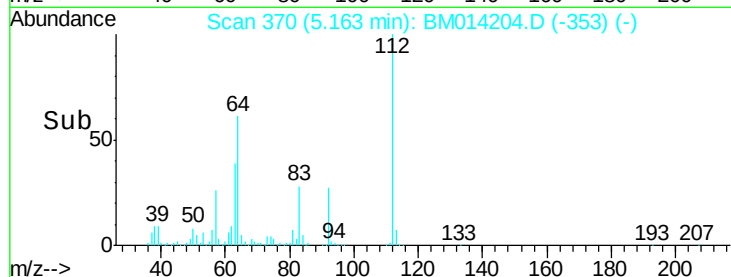
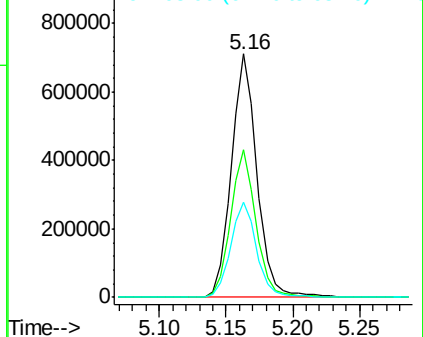
63 39.0 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 22.516 ng

RT: 6.89 min Scan# 663

Delta R.T. -0.00 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

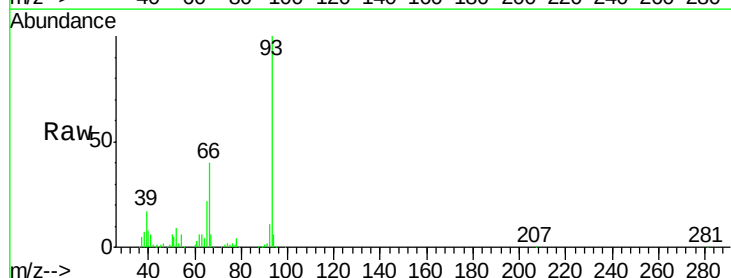
Tgt Ion: 93 Resp: 253040

Ion Ratio Lower Upper

93 100

66 40.0 30.8 46.2

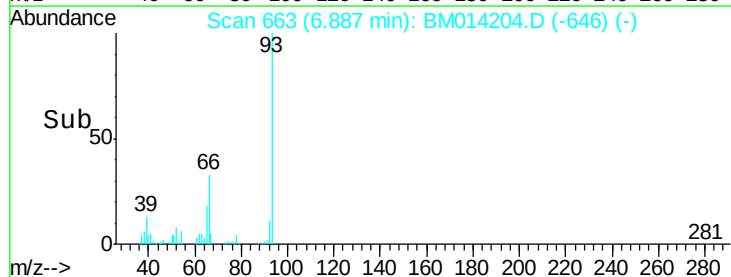
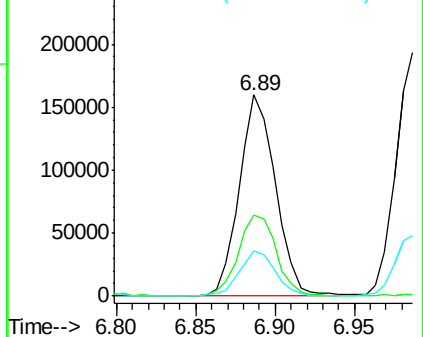
65 22.4 16.0 24.0

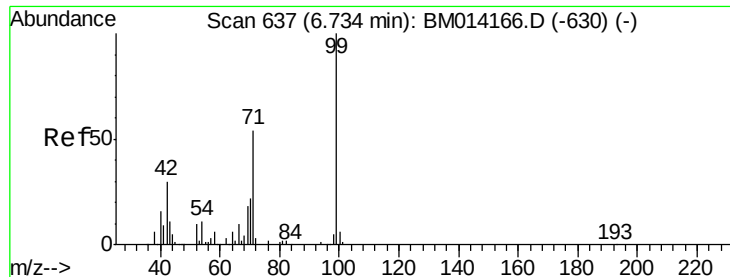


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 144.030 ng

RT: 6.74 min Scan# 638

Delta R.T. -0.00 min

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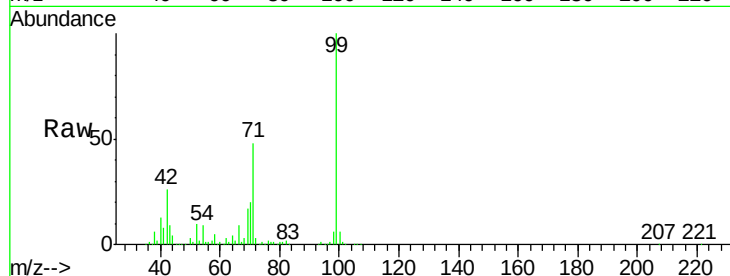
Tot Ion: 99 Resp: 1269650

Ion Ratio Lower Upper

99 100

42 26.3 11.0 16.4#

71 48.4 23.4 35.2#

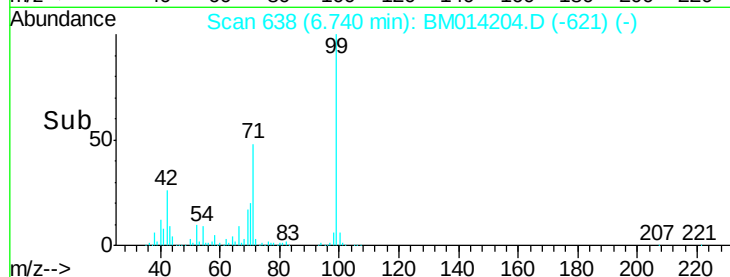


Abundance Ion 99.00 (98.70 to 99.70): BM014204.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM014204.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM014204.D (-621) (-)

Time-->



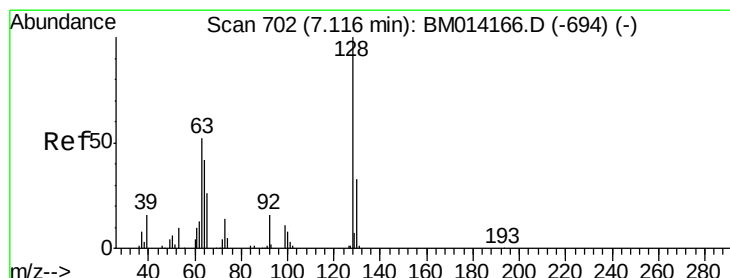
Abundance

Ion 99.00 (98.70 to 99.70): BM014204.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM014204.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM014204.D (-621) (-)

Time-->



#8

2-Chlorophenol

Concen: 47.228 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

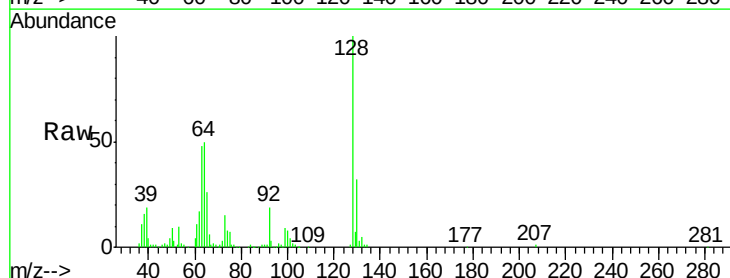
Tgt Ion: 128 Resp: 334105

Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

64 50.3 24.9 64.9

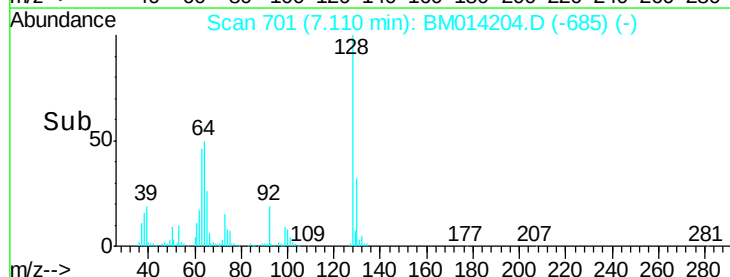


Abundance Ion 128.00 (127.70 to 128.70): BM014204.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM014204.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM014204.D (-685) (-)

Time-->



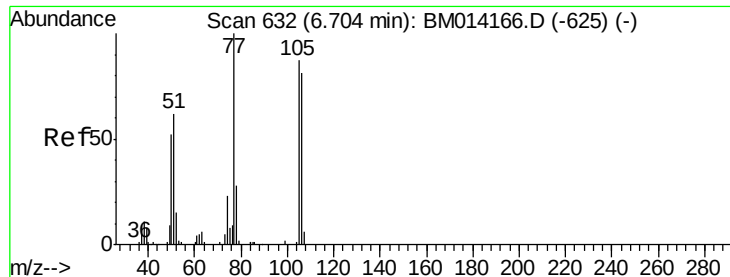
Abundance

Ion 128.00 (127.70 to 128.70): BM014204.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM014204.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM014204.D (-685) (-)

Time-->



#9

Benzaldehyde

Concen: 13.832 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

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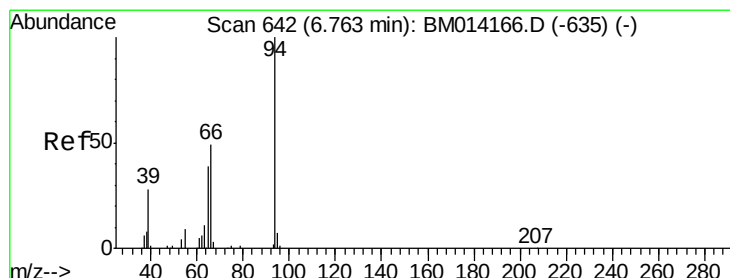
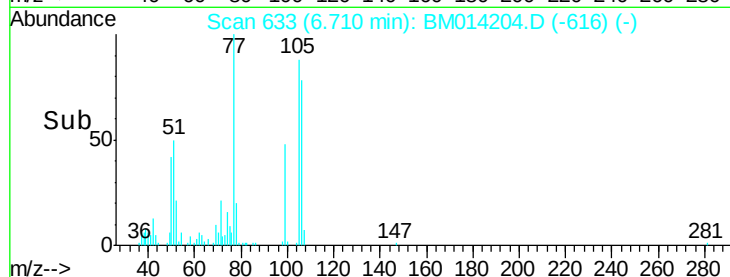
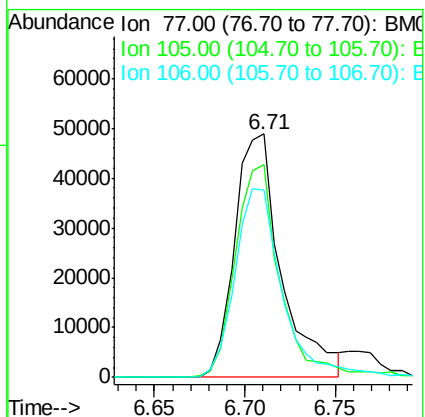
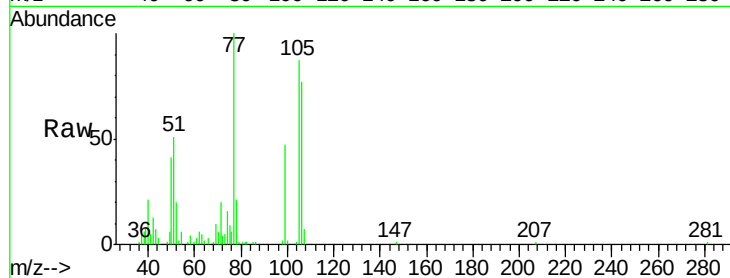
Tot Ion: 77 Resp: 87750

Ion Ratio Lower Upper

77 100

105 87.4 78.8 118.8

106 76.9 73.7 113.7



#10

Phenol

Concen: 48.507 ng

RT: 6.76 min Scan# 642

Delta R.T. -0.00 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

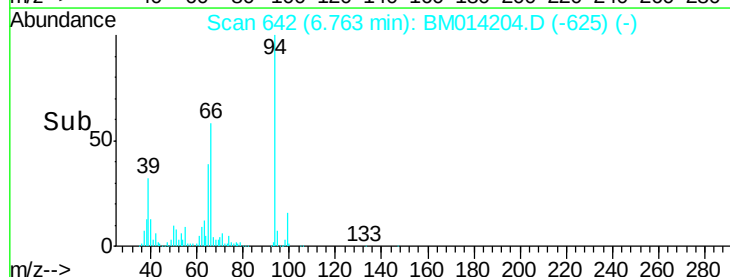
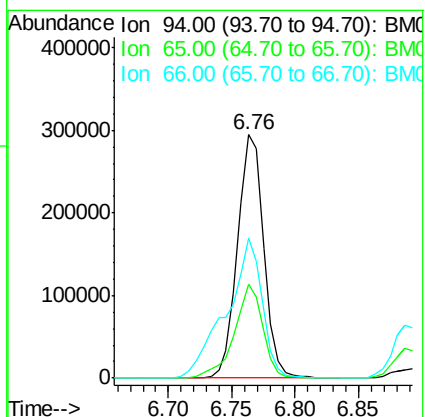
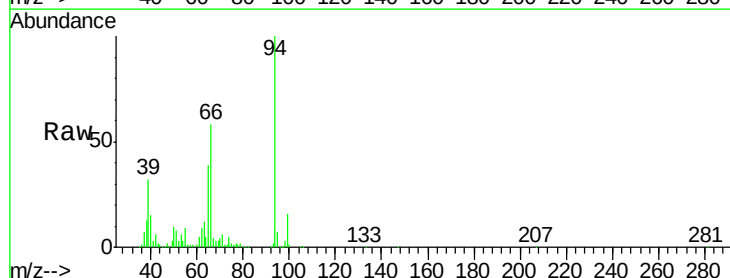
Tgt Ion: 94 Resp: 422133

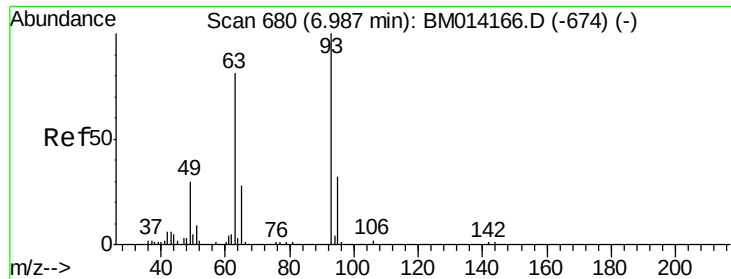
Ion Ratio Lower Upper

94 100

65 38.7 18.8 58.8

66 57.5 39.9 79.9

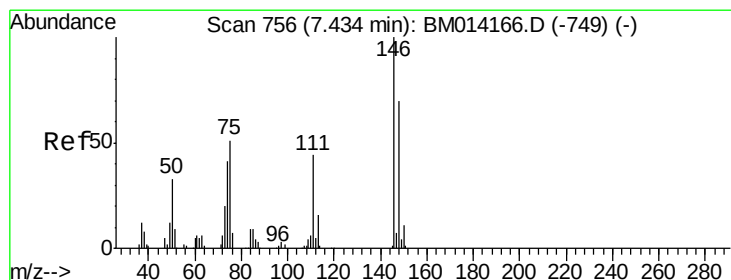
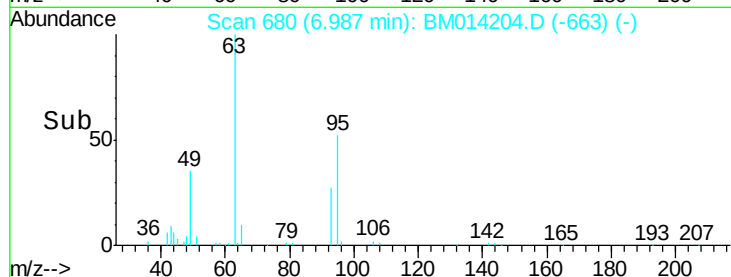
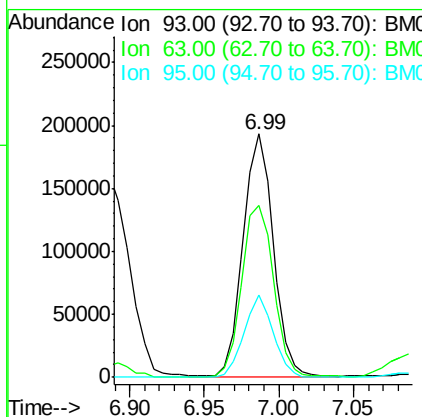
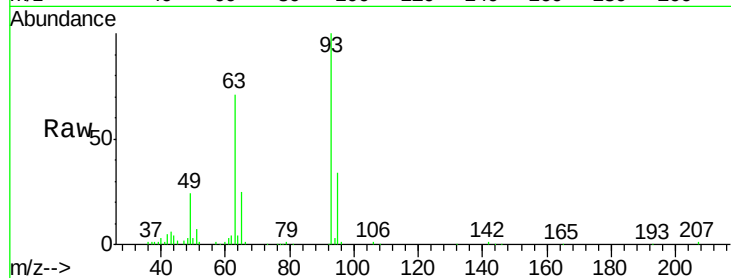




#11
 bis(2-Chloroethyl)ether
 Concen: 39.251 ng
 RT: 6.99 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BM014204.D
 Acq: 08 Feb 2018 21:45

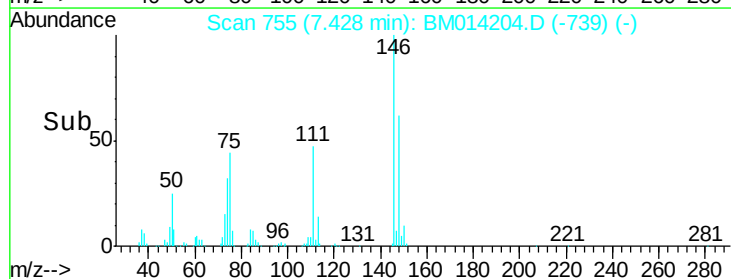
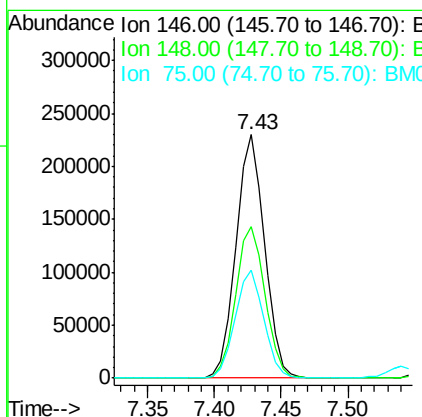
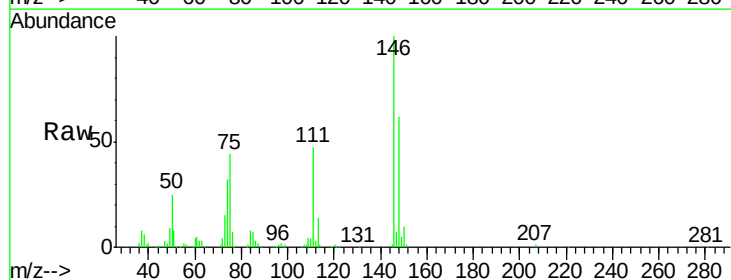
Instrument :
 BNA_M
 ClientSampleId :
 PB106402BS

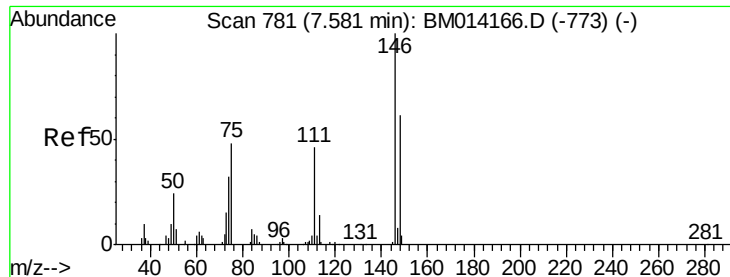
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.5	49.5	89.5
95	34.0	13.5	53.5



#12
 1,3-Dichlorobenzene
 Concen: 38.636 ng
 RT: 7.43 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BM014204.D
 Acq: 08 Feb 2018 21:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.9	76.3
75	44.2	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 39.554 ng

RT: 7.57 min Scan# 780

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

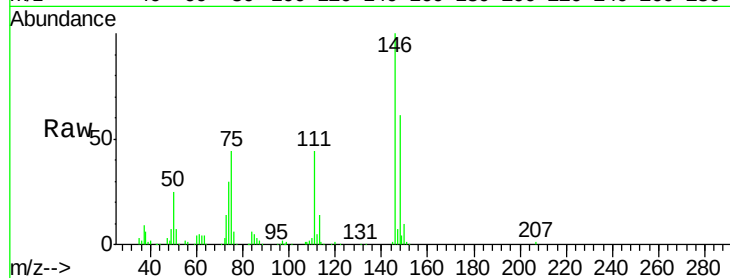
Tot Ion:146 Resp: 351374

Ion Ratio Lower Upper

146 100

148 60.7 51.9 77.9

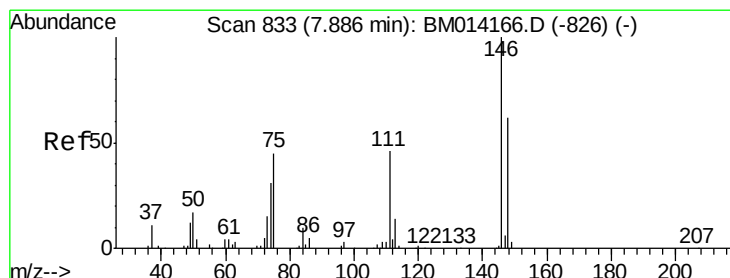
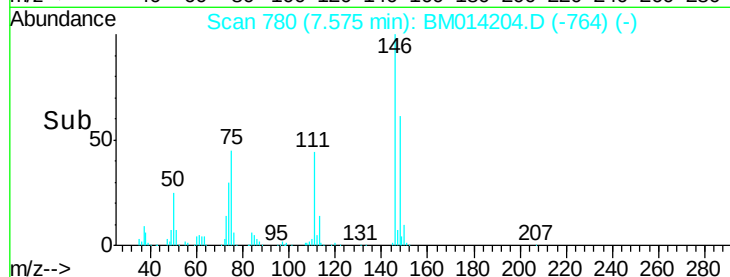
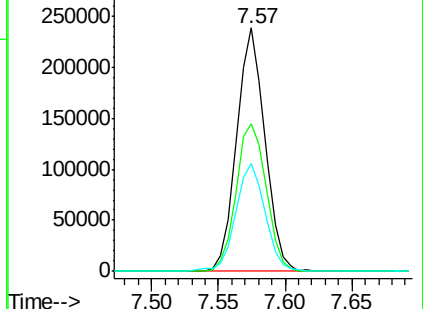
111 44.2 29.2 43.8#



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: 38.597 ng

RT: 7.89 min Scan# 833

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

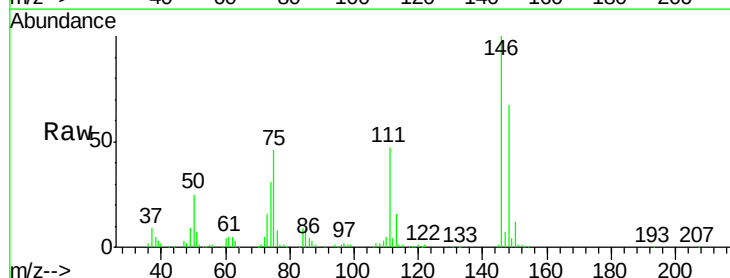
Tgt Ion:146 Resp: 345043

Ion Ratio Lower Upper

146 100

148 66.7 52.3 78.5

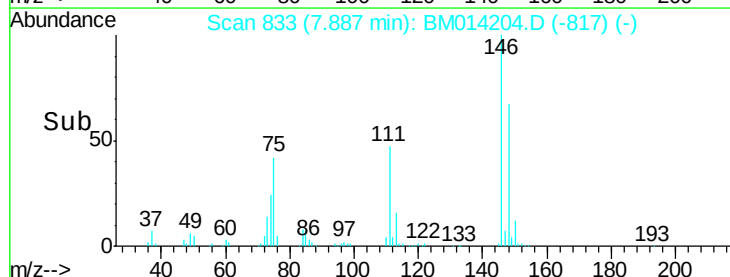
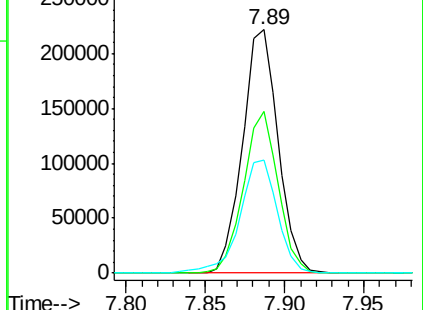
111 46.5 30.6 45.8#

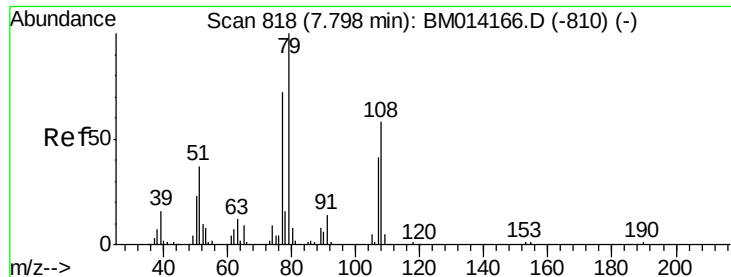


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.903 ng

RT: 7.79 min Scan# 817

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampled :

PB106402BS

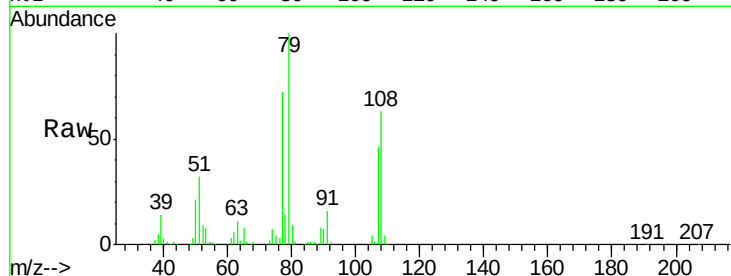
Tot Ion: 79 Resp: 334099

Ion Ratio Lower Upper

79 100

108 62.5 65.0 97.4#

77 72.2 53.0 79.6

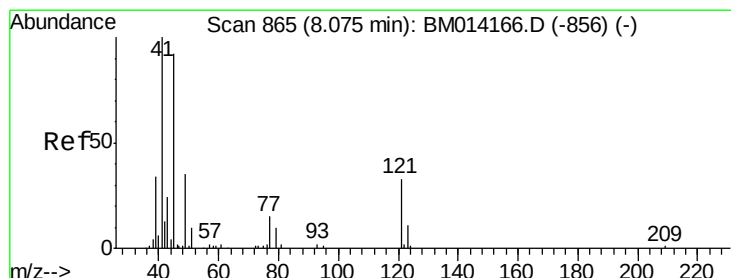
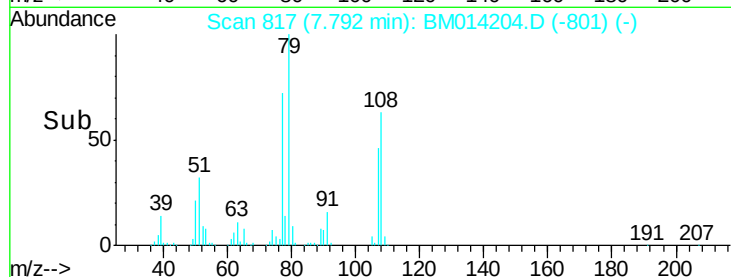


Abundance Ion 79.00 (78.70 to 79.70): BM014166.D (-810) (-)

Ion 108.00 (107.70 to 108.70): BM014166.D (-810) (-)

Ion 77.00 (76.70 to 77.70): BM014166.D (-810) (-)

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.300 ng

RT: 8.07 min Scan# 865

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

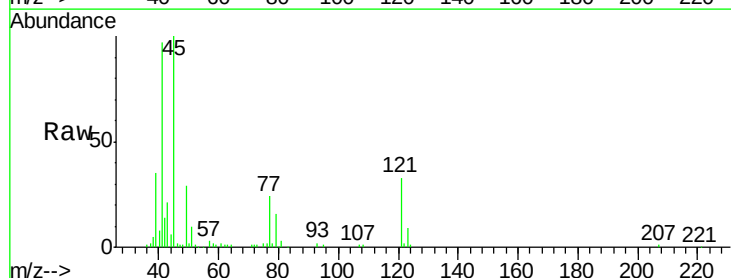
Tgt Ion: 45 Resp: 274988

Ion Ratio Lower Upper

45 100

77 24.4 0.0 35.2

79 15.9 0.0 32.0

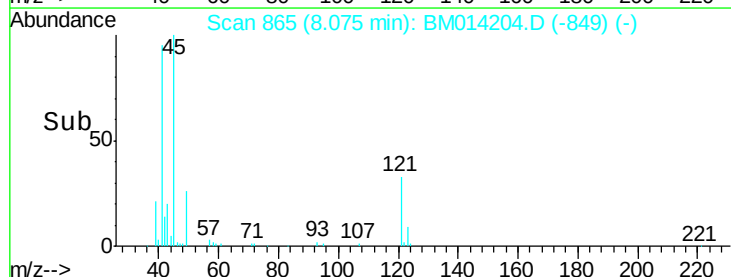


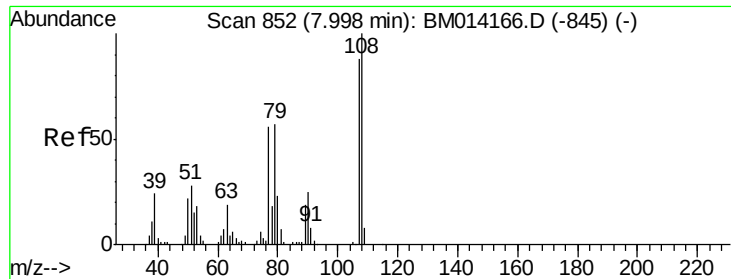
Abundance Ion 45.00 (44.70 to 45.70): BM014166.D (-856) (-)

Ion 77.00 (76.70 to 77.70): BM014166.D (-856) (-)

Ion 79.00 (78.70 to 79.70): BM014166.D (-856) (-)

Time-->

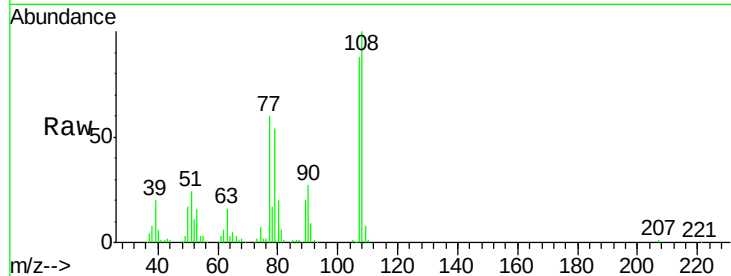




#17
2-Methylphenol
Concen: 42.310 ng
RT: 8.00 min Scan# 852
Delta R.T. -0.00 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

Instrument :
BNA_M
ClientSampleId :
PB106402BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	89.8	134.8
77	67.7	32.6	48.8
79	61.4	32.8	49.2



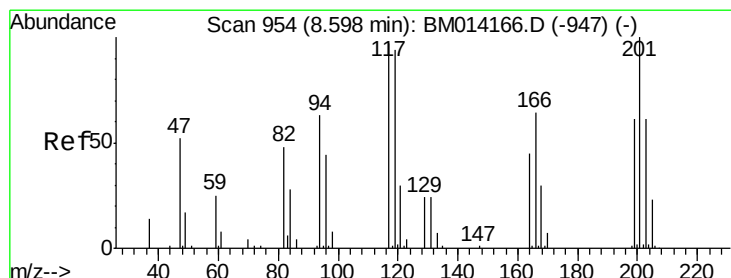
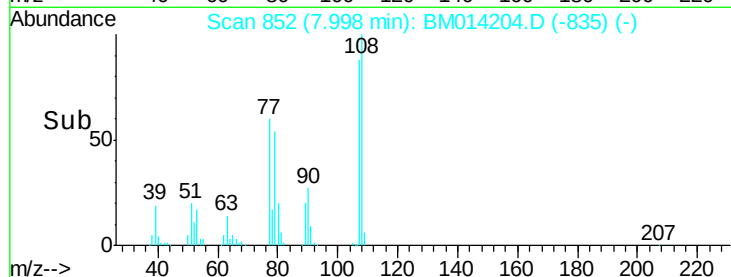
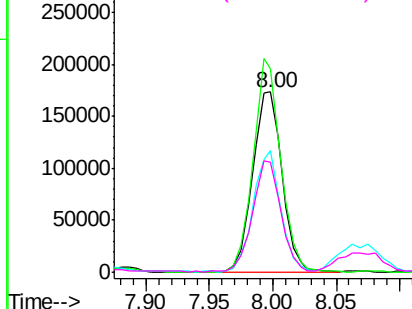
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

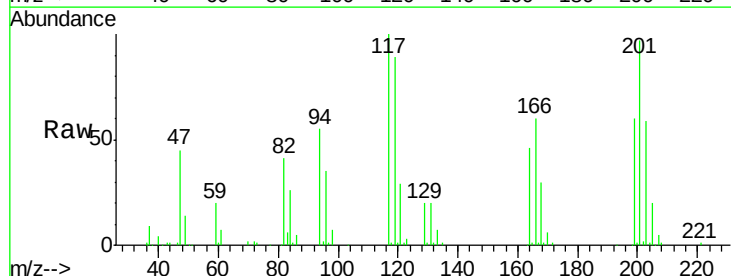
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 38.531 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.4	79.2	118.8
201	97.4	69.8	104.6

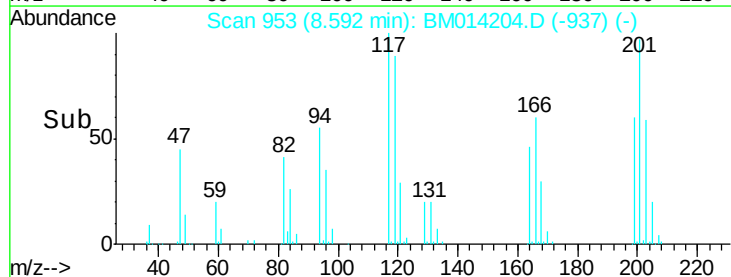
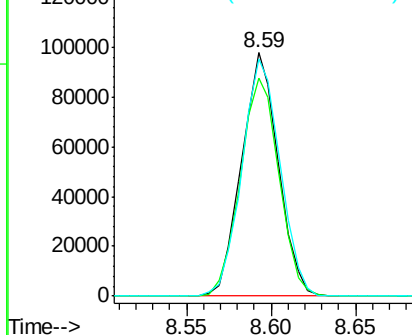


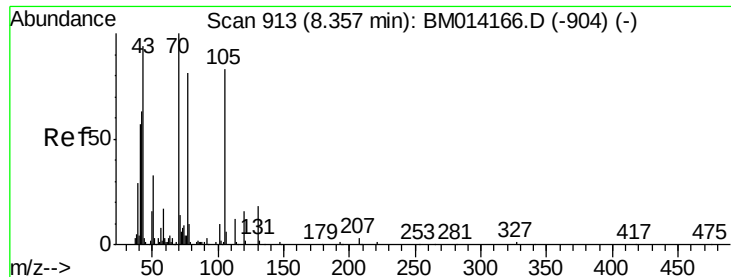
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

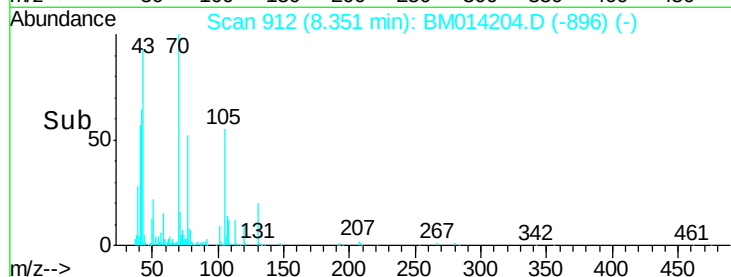
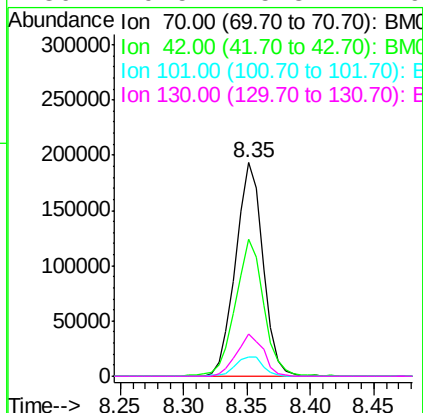
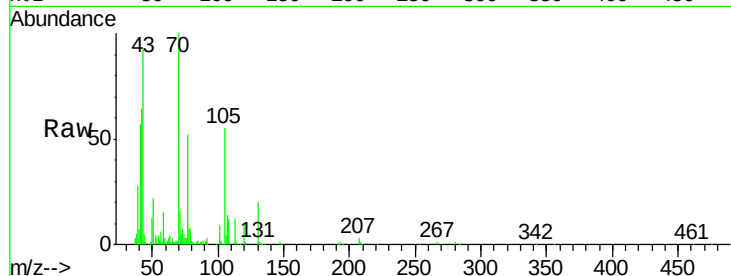




#19
n-Nitroso-di-n-propylamine
Concen: 38.085 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

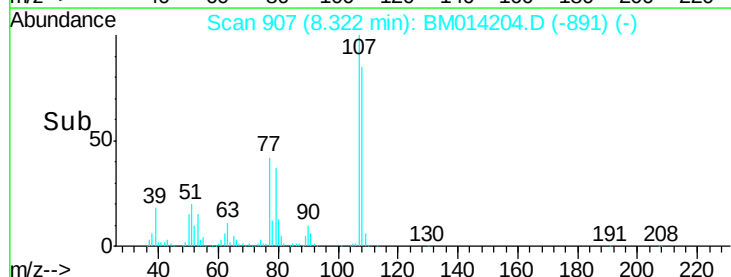
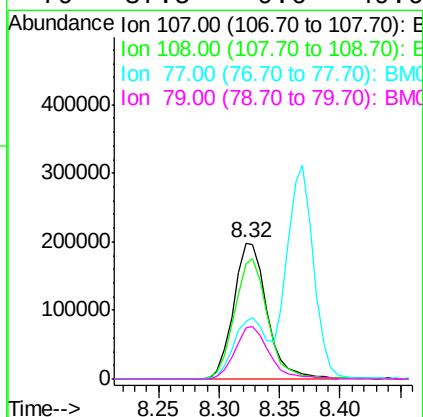
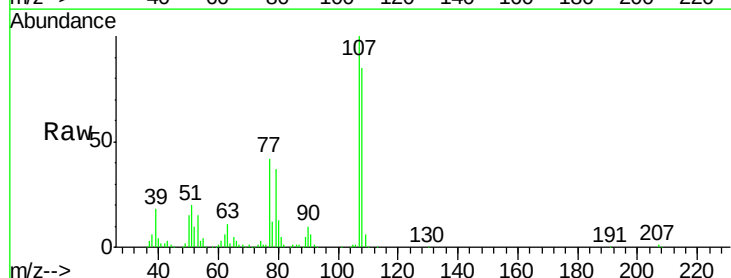
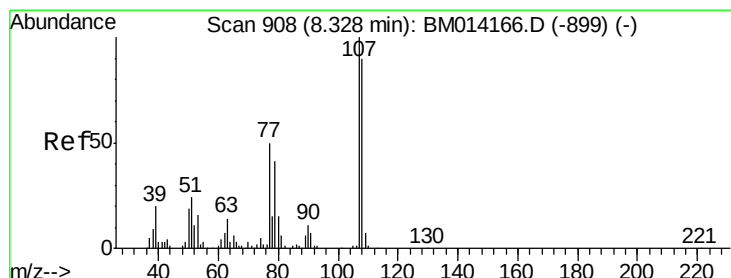
Instrument :
BNA_M
ClientSampleId :
PB106402BS

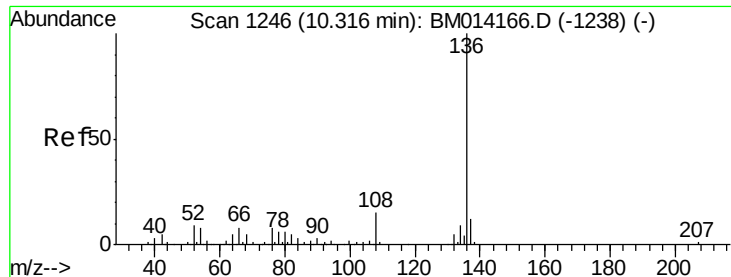
Tot Ion:	70	Resp:	289211
Ion	Ratio	Lower	Upper
70	100		
42	63.9	44.5	66.7
101	9.1	7.4	11.2
130	19.5	15.3	22.9



#20
3+4-Methylphenols
Concen: 39.734 ng
RT: 8.32 min Scan# 907
Delta R.T. -0.01 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

Tgt Ion:	107	Resp:	383275
Ion	Ratio	Lower	Upper
107	100		
108	84.7	73.2	113.2
77	42.3	10.7	50.7
79	37.5	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

Tot Ion:136 Resp: 504317

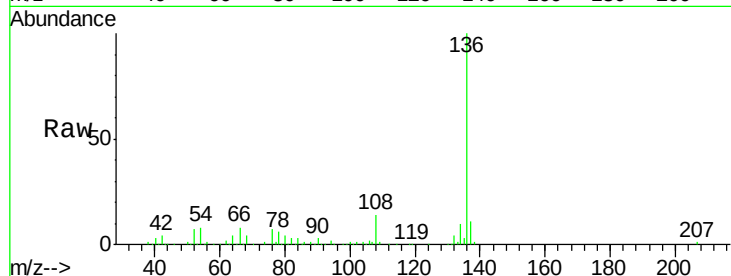
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.7 4.6 6.8#

68 4.2 3.7 5.5

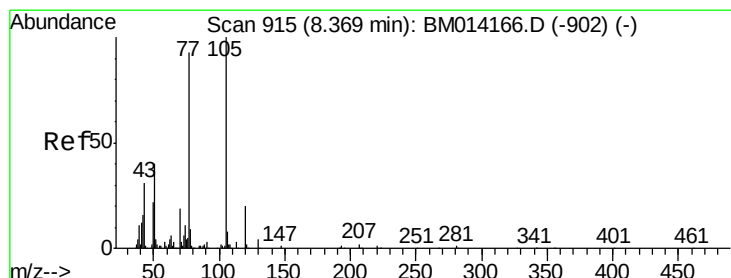
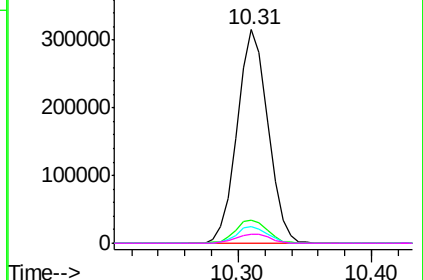
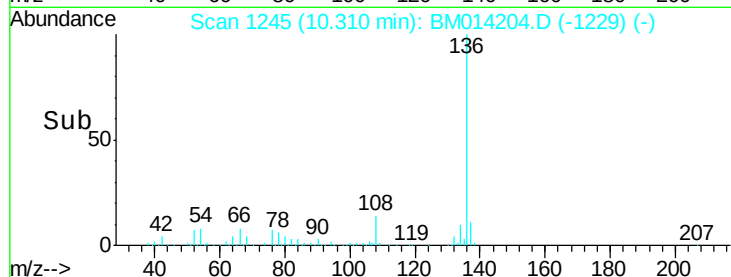


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.744 ng

RT: 8.37 min Scan# 915

Delta R.T. -0.00 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Tgt Ion:105 Resp: 547326

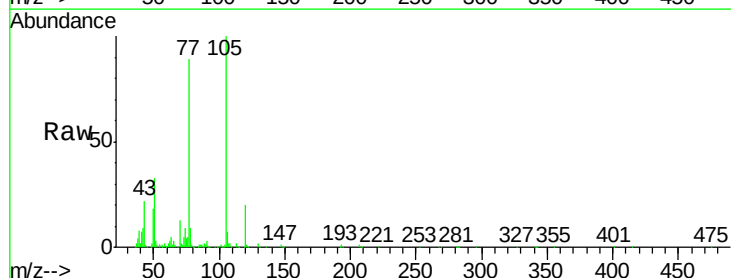
Ion Ratio Lower Upper

105 100

71 1.7 0.6 1.0#

51 33.4 21.6 32.4#

120 20.2 16.1 24.1

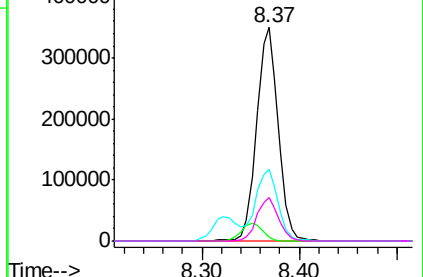
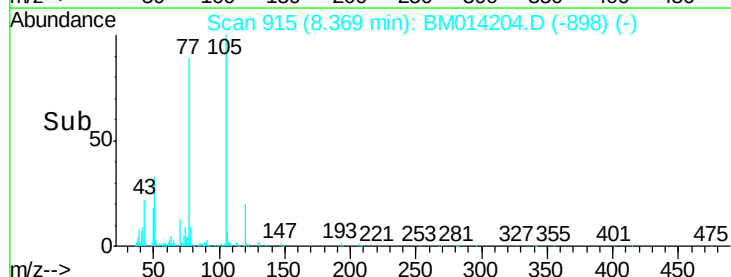


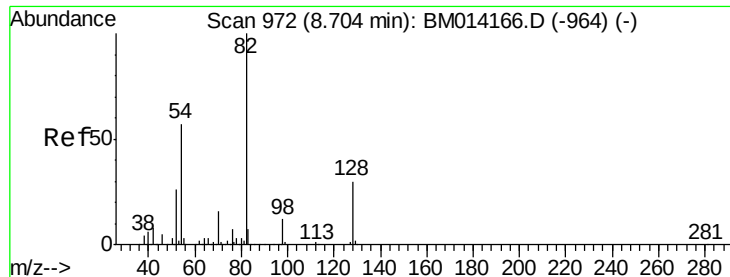
Abundance Ion 105.00 (104.70 to 105.70): E

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: 83.740 ng

RT: 8.70 min Scan# 971

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

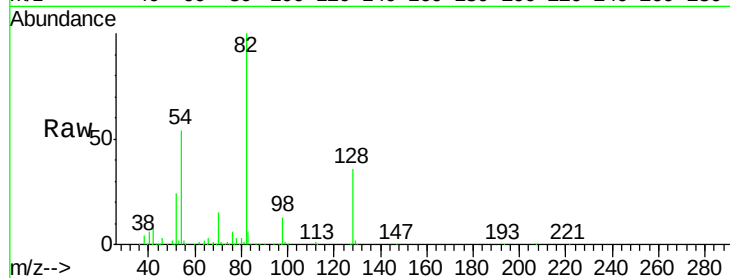
Tot Ion: 82 Resp: 945466

Ion Ratio Lower Upper

82 100

128 35.7 32.8 49.2

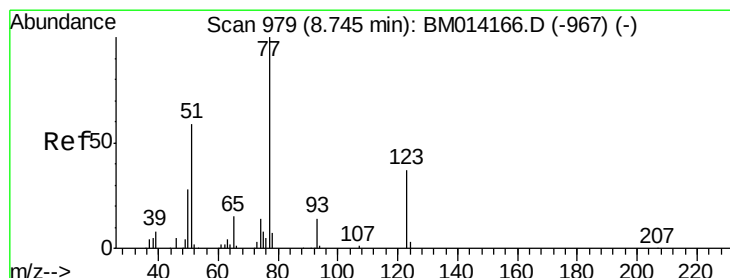
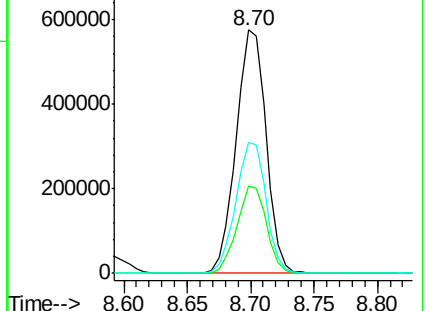
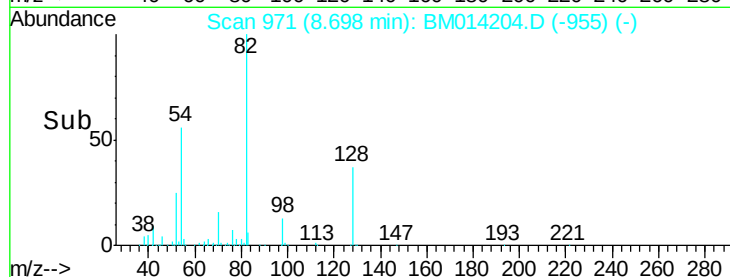
54 53.6 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM014204.D (-955) (-)

Ion 128.00 (127.70 to 128.70): BM014204.D (-955) (-)

Ion 54.00 (53.70 to 54.70): BM014204.D (-955) (-)



#24

Nitrobenzene

Concen: 37.974 ng

RT: 8.75 min Scan# 979

Delta R.T. -0.00 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

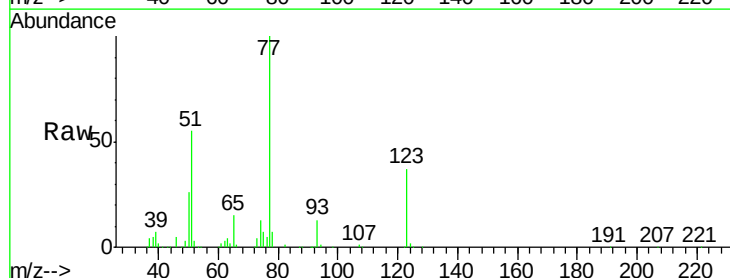
Tgt Ion: 77 Resp: 441438

Ion Ratio Lower Upper

77 100

123 36.7 32.6 49.0

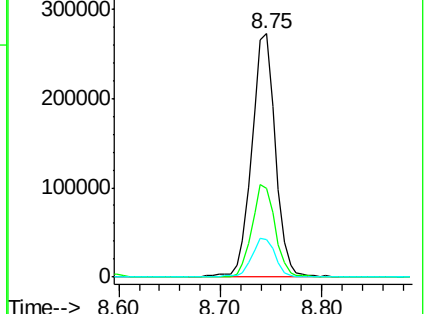
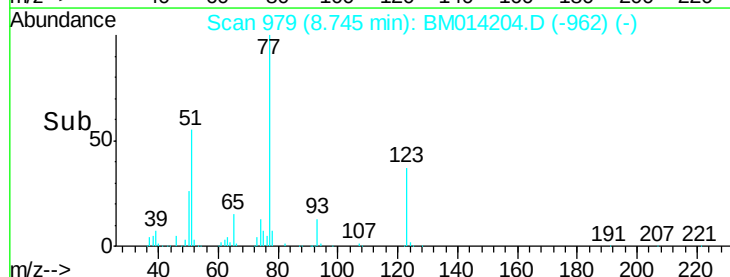
65 15.3 10.9 16.3

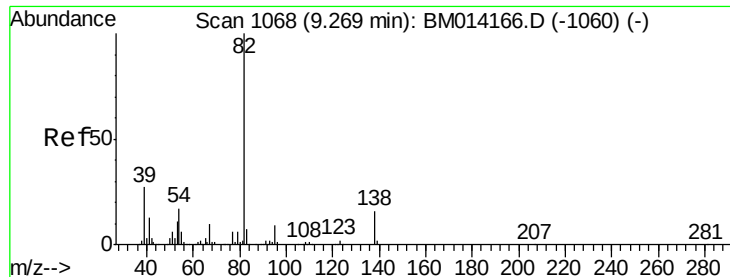


Abundance Ion 77.00 (76.70 to 77.70): BM014204.D (-962) (-)

Ion 123.00 (122.70 to 123.70): BM014204.D (-962) (-)

Ion 65.00 (64.70 to 65.70): BM014204.D (-962) (-)





#25

Isophorone

Concen: 39.426 ng

RT: 9.26 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

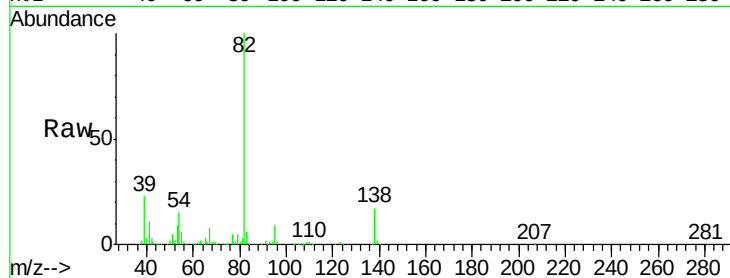
Tot Ion: 82 Resp: 737434

Ion Ratio Lower Upper

82 100

95 8.8 5.8 8.6#

138 16.6 16.3 24.5



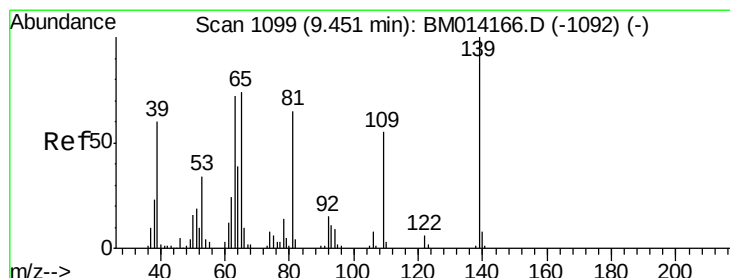
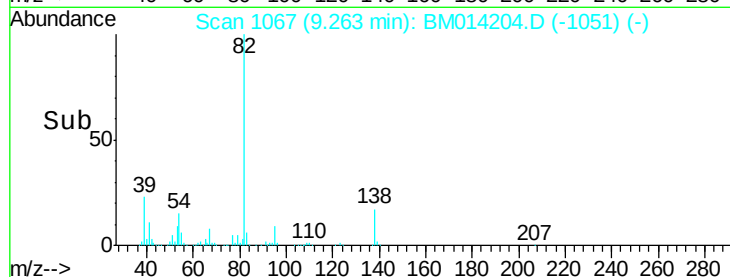
Abundance Ion 82.00 (81.70 to 82.70): BM014204.D (-1051) (-)

Ion 95.00 (94.70 to 95.70): BM014204.D (-1051) (-)

Ion 138.00 (137.70 to 138.70): BM014204.D (-1051) (-)

9.26

Time--> 9.15 9.20 9.25 9.30 9.35



#26

2-Nitrophenol

Concen: 41.045 ng

RT: 9.45 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

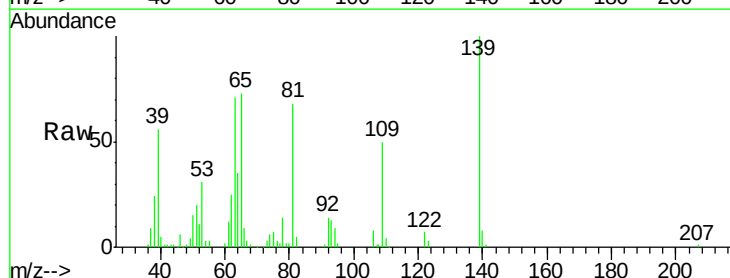
Tgt Ion: 139 Resp: 179992

Ion Ratio Lower Upper

139 100

109 50.0 20.1 30.1#

65 72.9 31.5 47.3#



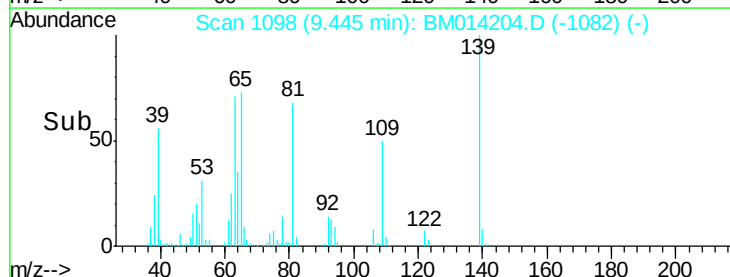
Abundance Ion 139.00 (138.70 to 139.70): BM014204.D (-1082) (-)

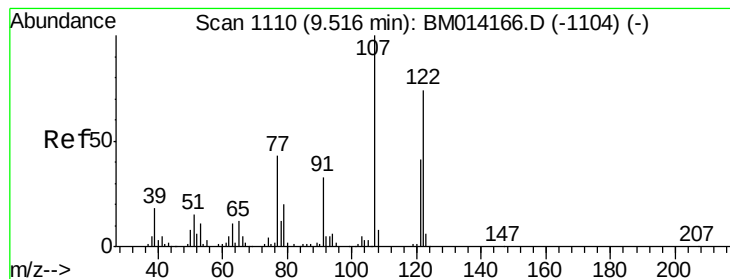
Ion 109.00 (108.70 to 109.70): BM014204.D (-1082) (-)

Ion 65.00 (64.70 to 65.70): BM014204.D (-1082) (-)

9.45

Time--> 9.35 9.40 9.45 9.50 9.55





#27

2,4-Dimethylphenol

Concen: 49.168 ng

RT: 9.51 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

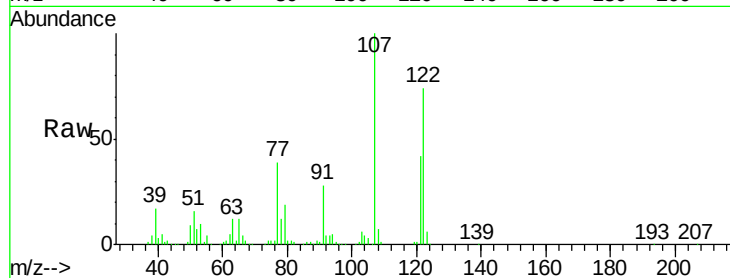
Tot Ion:122 Resp: 328633

Ion Ratio Lower Upper

122 100

107 134.5 84.7 127.1#

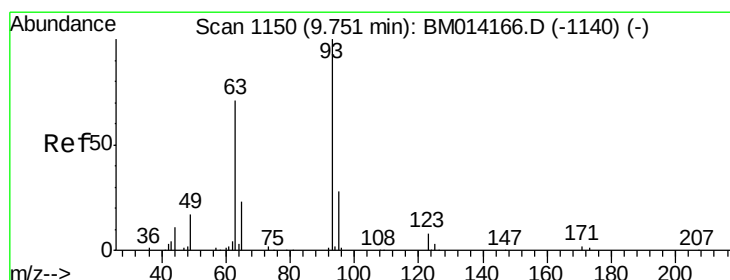
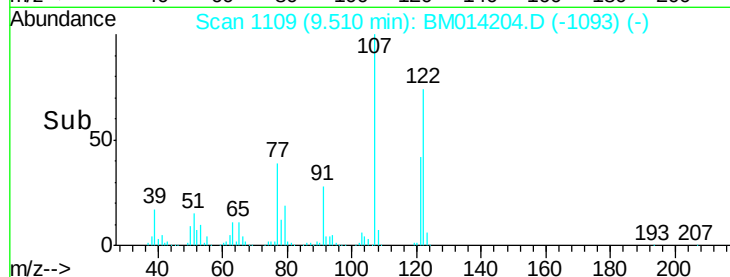
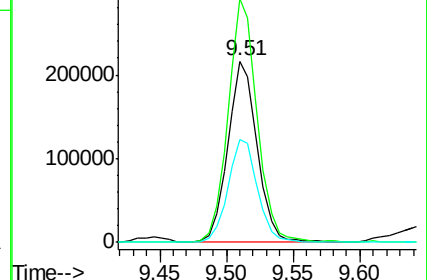
121 56.7 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.916 ng

RT: 9.75 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

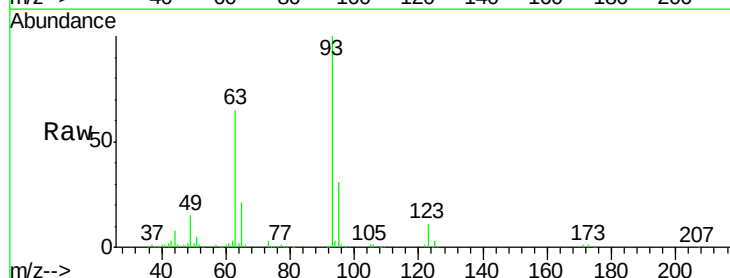
Tgt Ion: 93 Resp: 411660

Ion Ratio Lower Upper

93 100

95 31.0 25.5 38.3

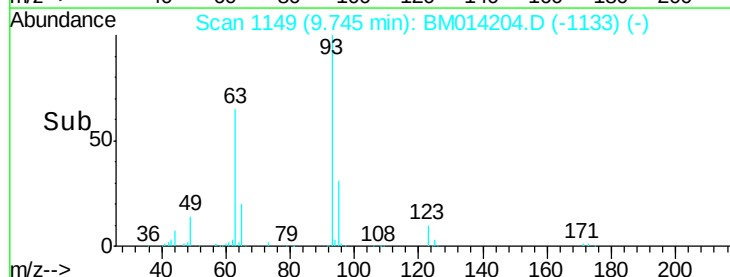
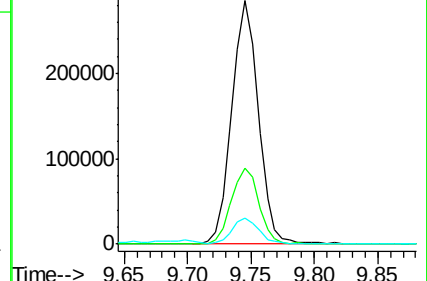
123 10.8 8.6 13.0

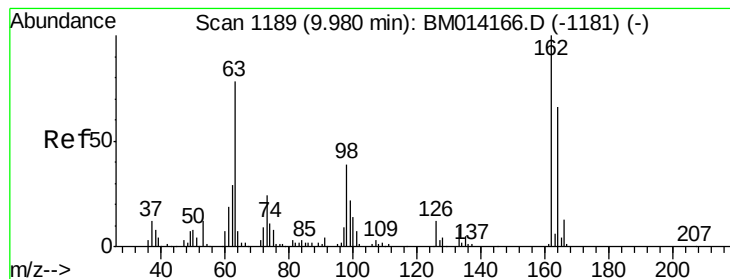


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.080 ng

RT: 9.97 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

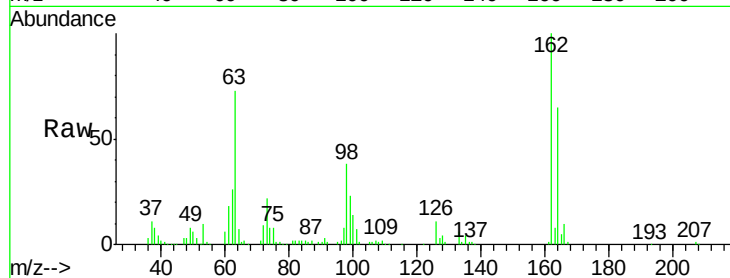
Tot Ion:162 Resp: 336676

Ion Ratio Lower Upper

162 100

164 65.3 42.8 82.8

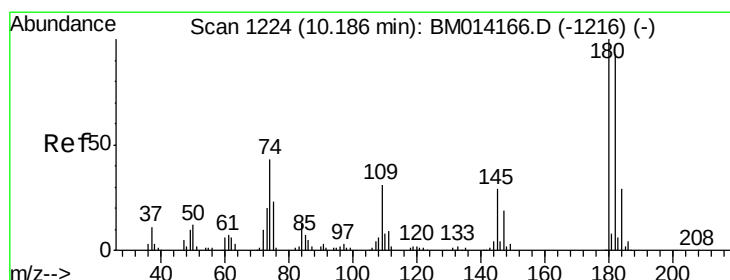
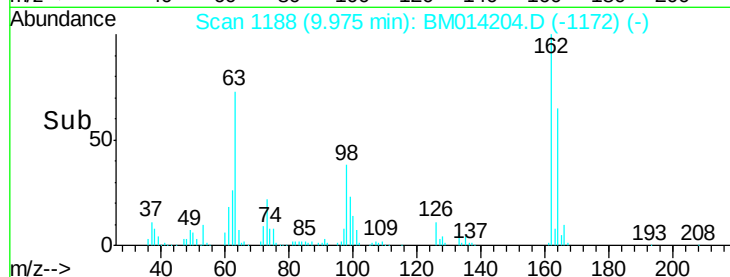
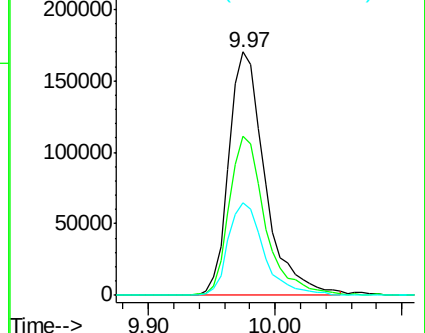
98 38.0 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 38.410 ng

RT: 10.18 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

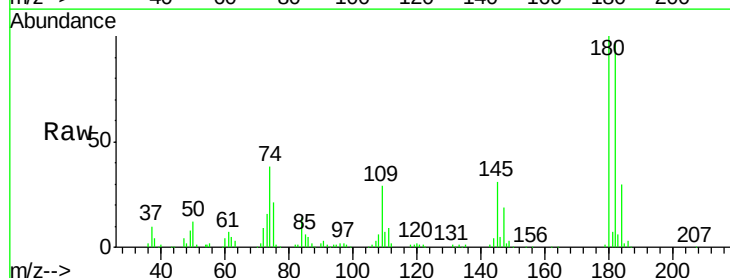
Tgt Ion:180 Resp: 378161

Ion Ratio Lower Upper

180 100

182 96.5 77.6 116.4

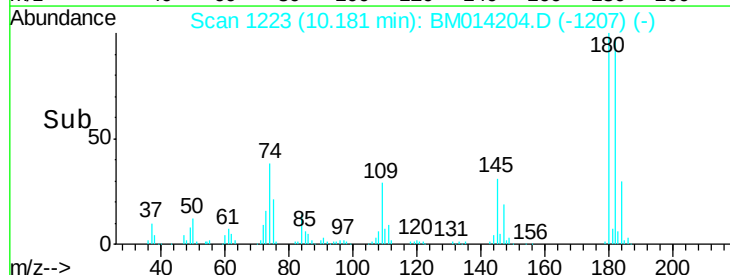
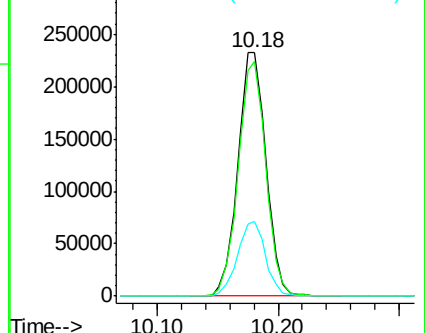
145 30.8 23.4 35.2

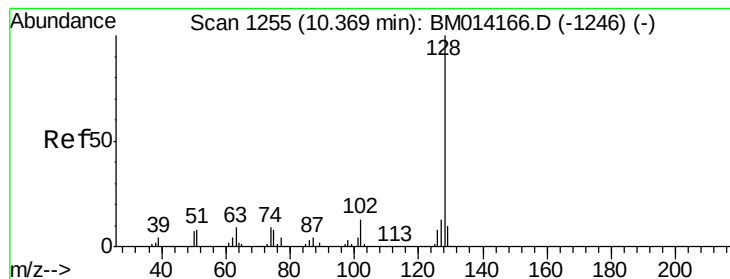


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.861 ng

RT: 10.36 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

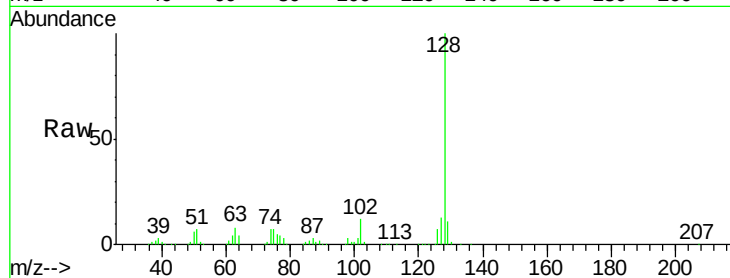
Tot Ion:128 Resp: 1073111

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

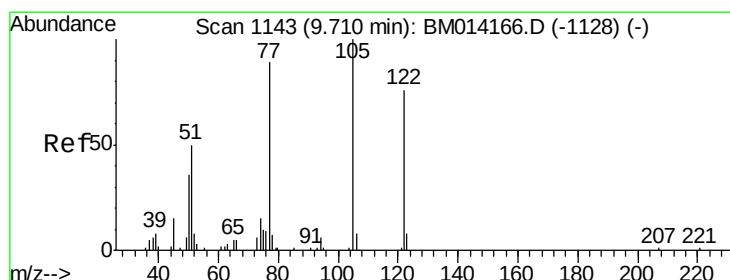
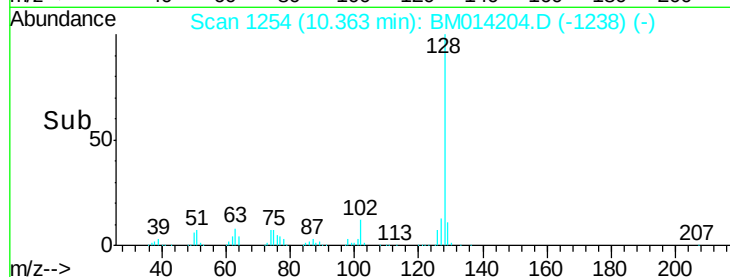
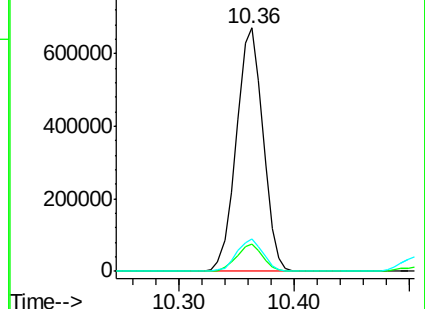
127 13.1 10.4 15.6



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: 33.765 ng

RT: 9.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

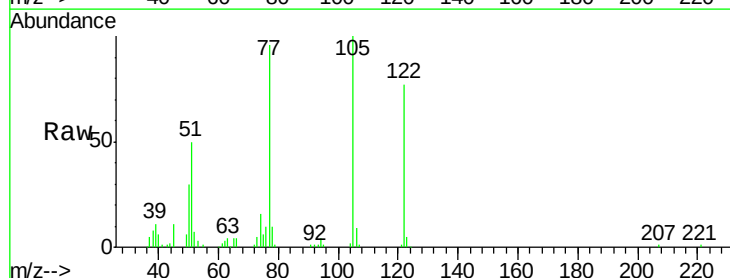
Tgt Ion:122 Resp: 182114

Ion Ratio Lower Upper

122 100

105 130.7 99.9 139.9

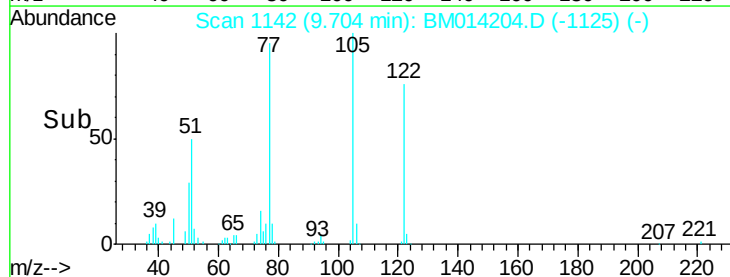
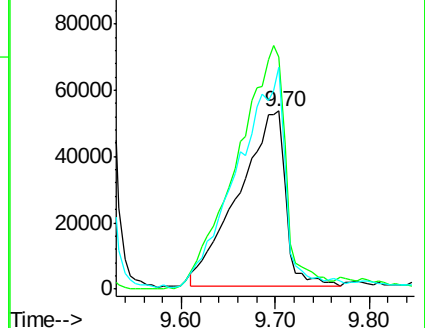
77 124.9 73.7 113.7#

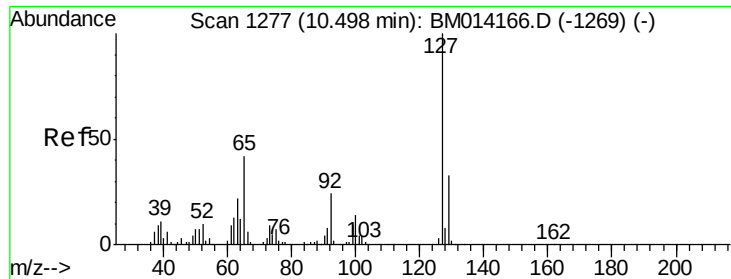


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

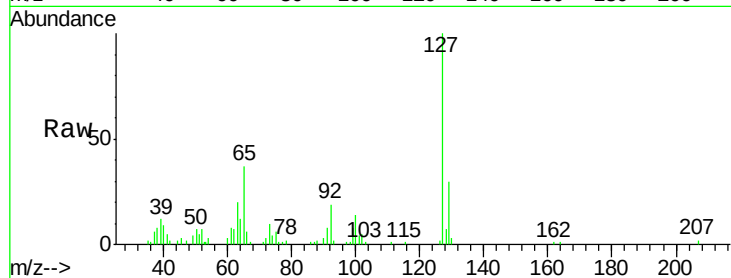




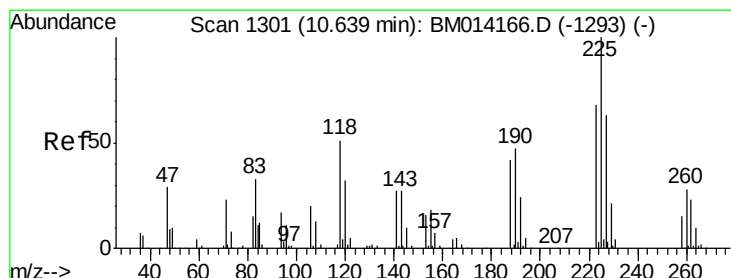
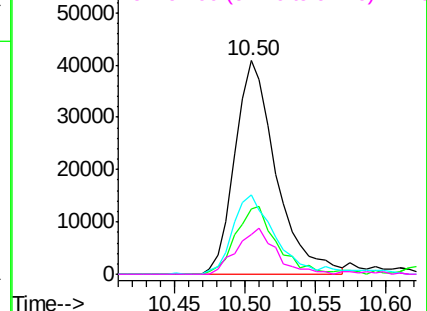
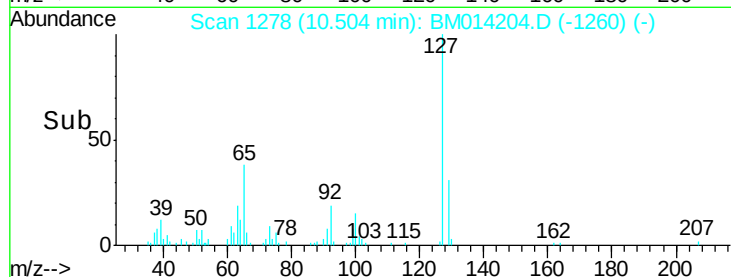
#33
4-Chloroaniline
Concen: 7.273 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

Instrument :
BNA_M
ClientSampleId :
PB106402BS

Tot Ion:127	Resp:	83488	
Ion Ratio	Lower	Upper	
127 100			
129 30.5	25.3	37.9	
65 37.3	17.6	26.4#	
92 18.8	13.1	19.7	

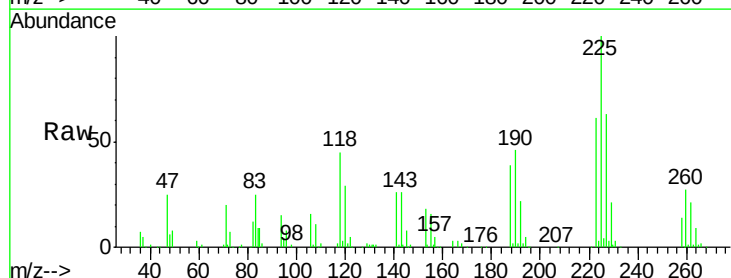


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

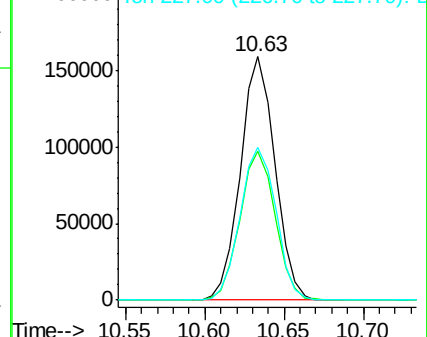
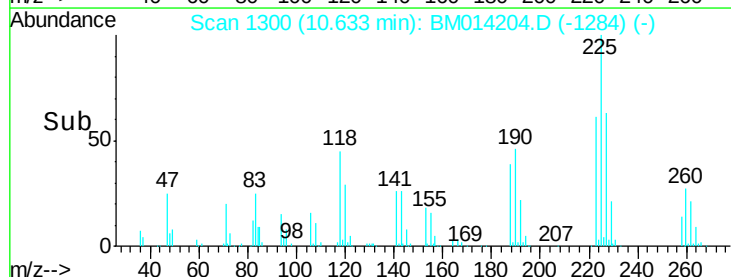


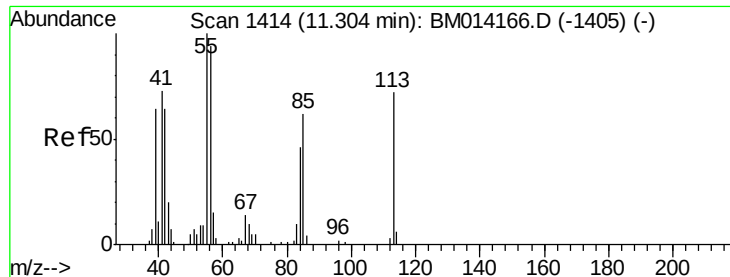
#34
Hexachlorobutadiene
Concen: 35.627 ng
RT: 10.63 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

Tgt	Ion:225	Resp:	240612
Ion	Ratio	Lower	Upper
225	100		
223	61.2	47.9	71.9
227	62.8	50.1	75.1



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: 22.112 ng

RT: 11.30 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

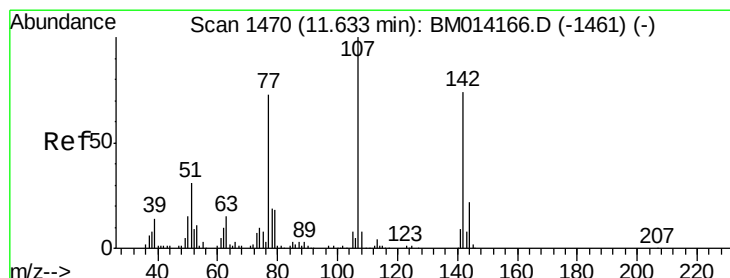
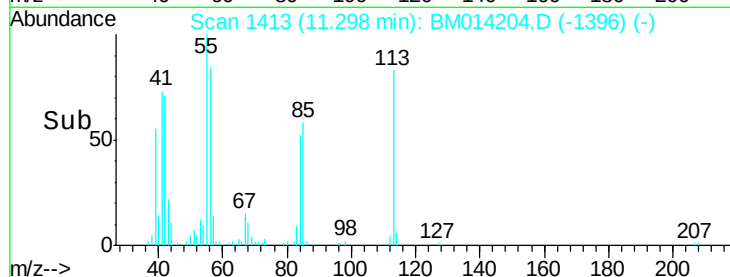
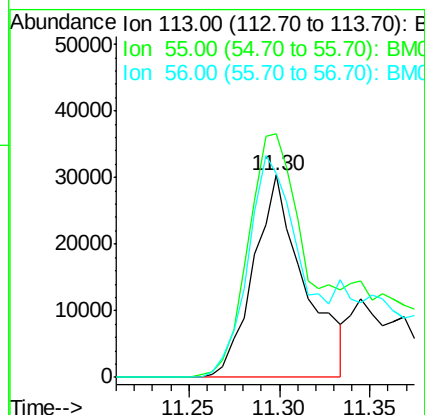
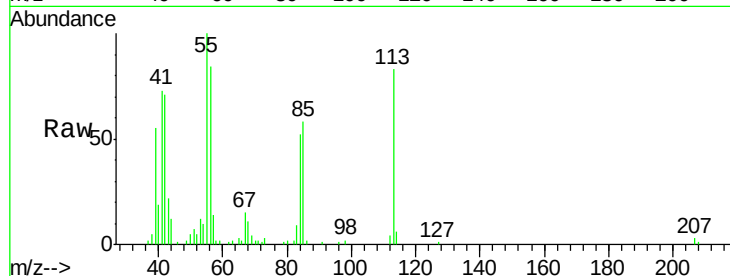
Tot Ion:113 Resp: 59058

Ion Ratio Lower Upper

113 100

55 120.4 145.9 185.9#

56 100.9 101.0 141.0#



#36

4-Chloro-3-methylphenol

Concen: 41.046 ng

RT: 11.63 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

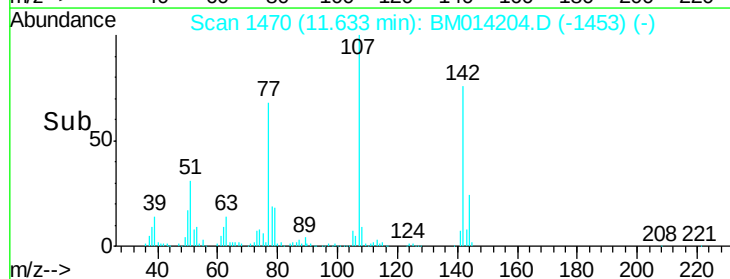
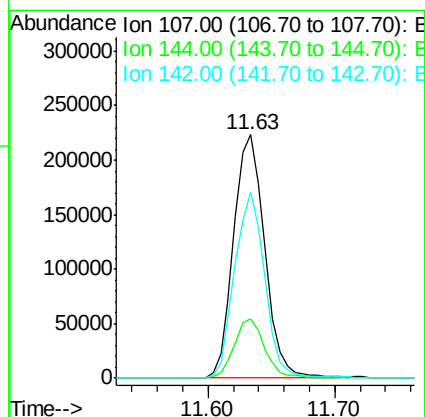
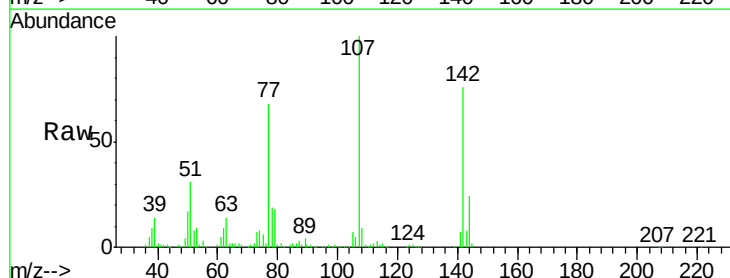
Tgt Ion:107 Resp: 379798

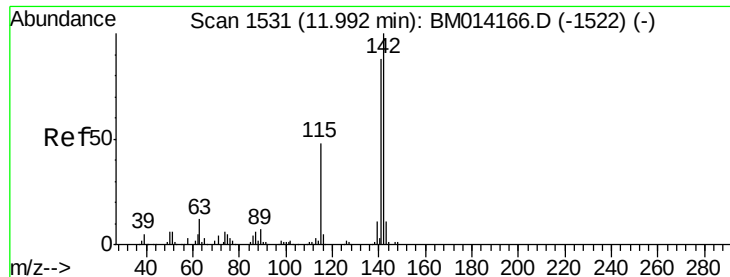
Ion Ratio Lower Upper

107 100

144 24.3 23.3 34.9

142 76.5 72.6 109.0





#37

2-Methylnaphthalene

Concen: 39.918 ng

RT: 11.99 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

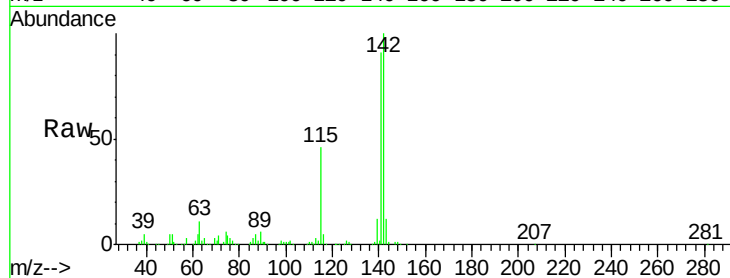
Tot Ion:142 Resp: 830146

Ion Ratio Lower Upper

142 100

141 91.5 71.9 107.9

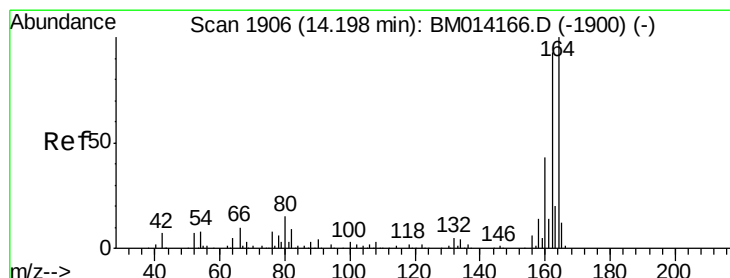
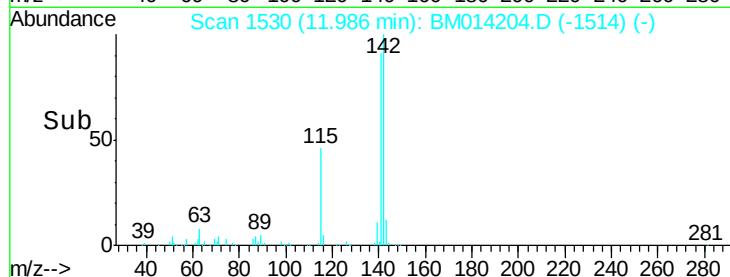
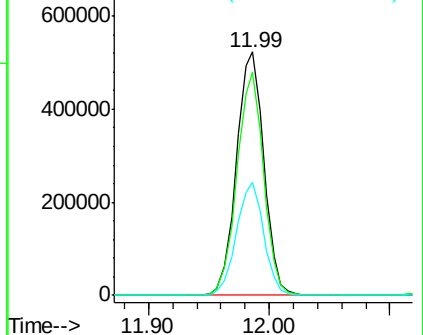
115 46.5 25.4 38.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

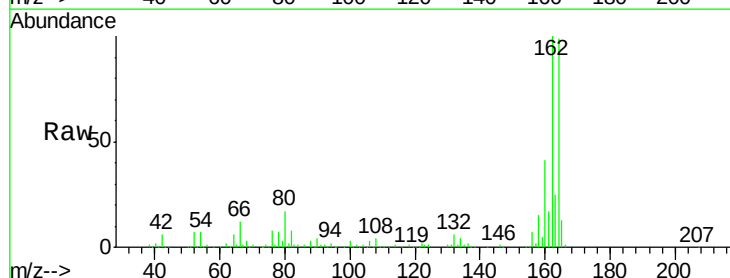
Tgt Ion:164 Resp: 309498

Ion Ratio Lower Upper

164 100

162 100.8 82.4 123.6

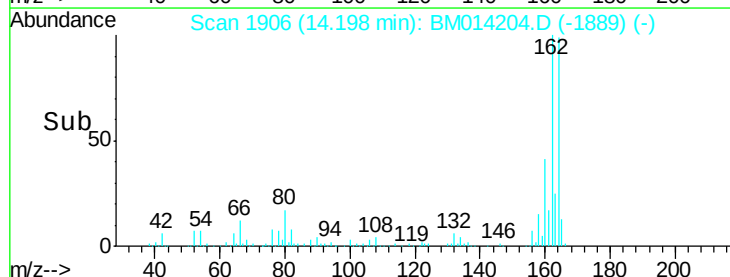
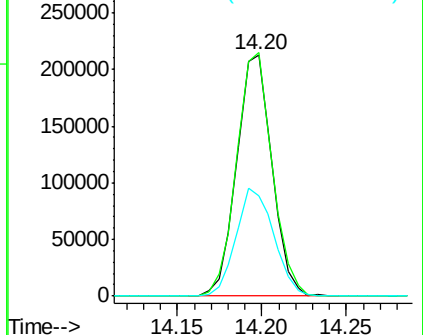
160 41.7 35.8 53.6

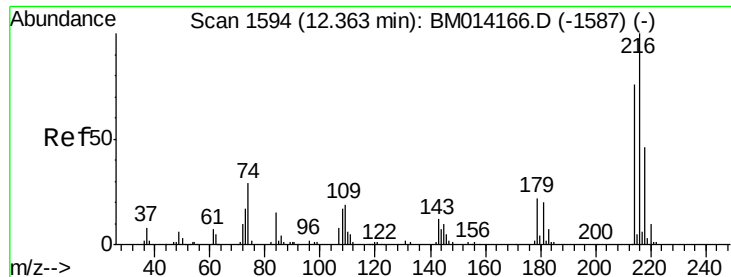


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

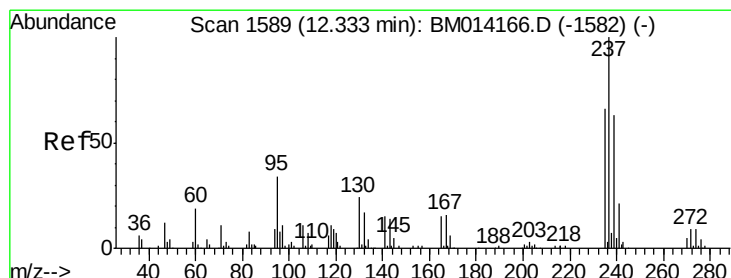
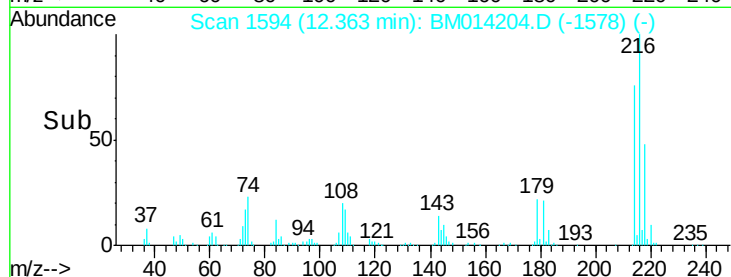
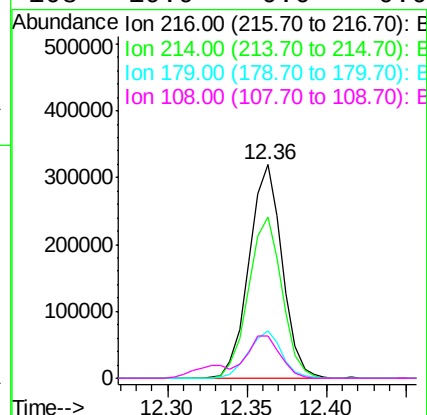
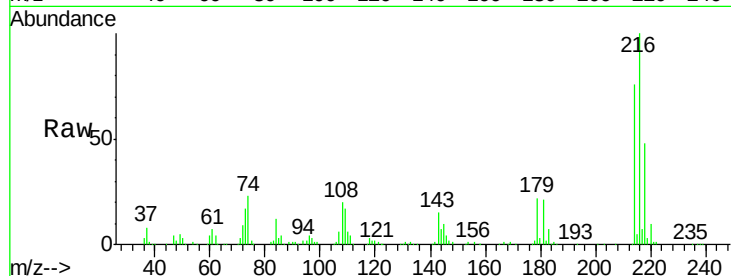




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.800 ng
 RT: 12.36 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BM014204.D
 Acq: 08 Feb 2018 21:45

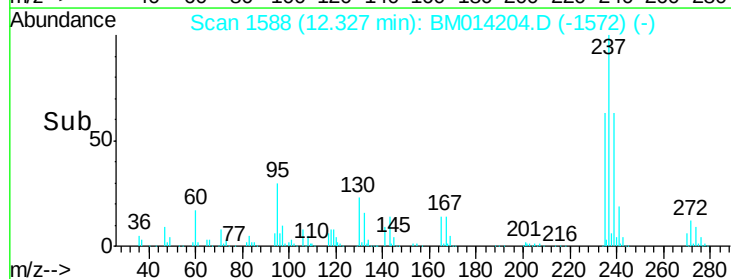
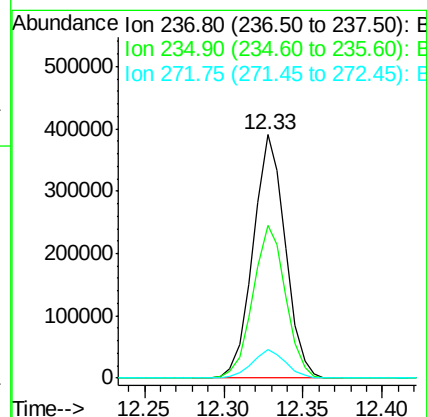
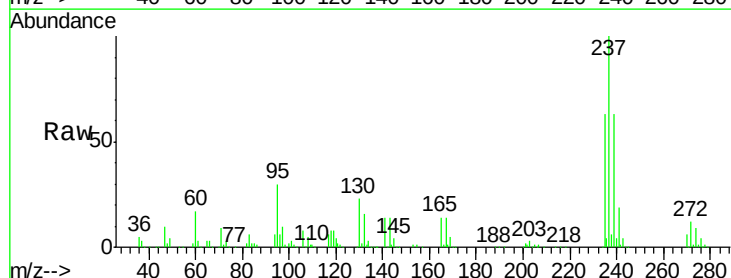
Instrument :
 BNA_M
 ClientSampleID :
 PB106402BS

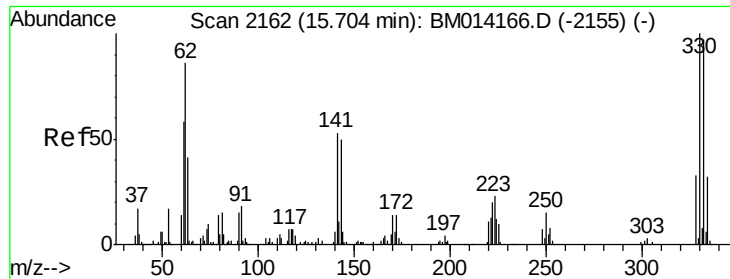
Tot Ion:	216	Resp:	464146
Ion	Ratio	Lower	Upper
216	100		
214	76.7	0.0	0.0#
179	22.2	0.0	0.0#
108	19.9	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 86.096 ng
 RT: 12.33 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BM014204.D
 Acq: 08 Feb 2018 21:45

Tgt Ion:	237	Resp:	550410
Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.0	82.0
272	11.6	0.0	33.4

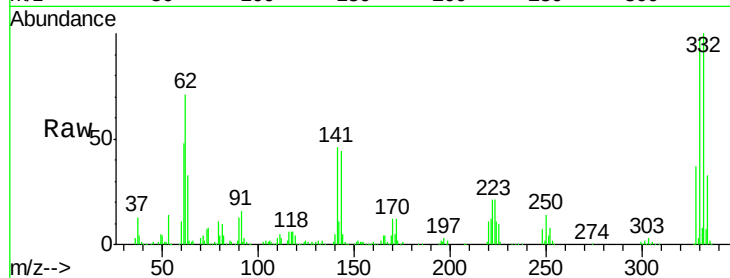




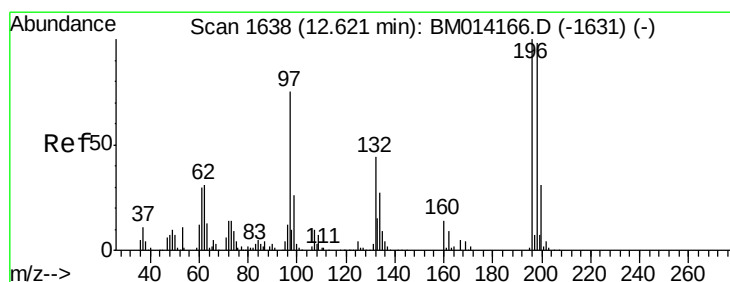
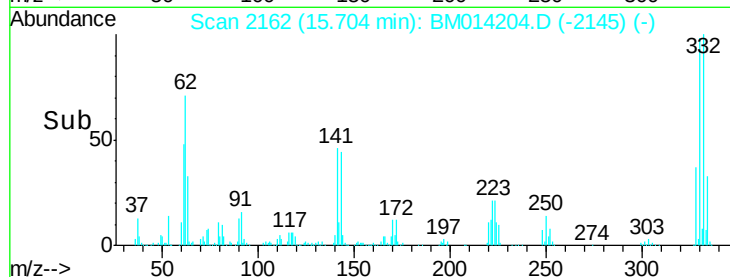
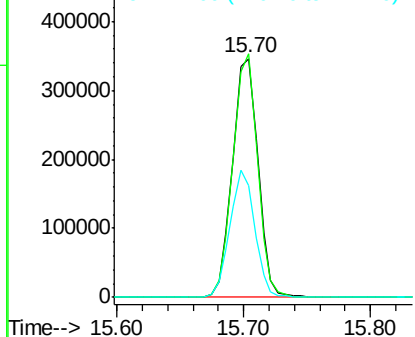
#41
 2,4,6-Tribromophenol
 Concen: 110.385 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BM014204.D
 Acq: 08 Feb 2018 21:45

Instrument :
 BNA_M
 ClientSampleId :
 PB106402BS

Tot Ion:330 Resp: 484779
 Ion Ratio Lower Upper
 330 100
 332 98.4 0.0 0.0#
 141 51.3 0.0 0.0#

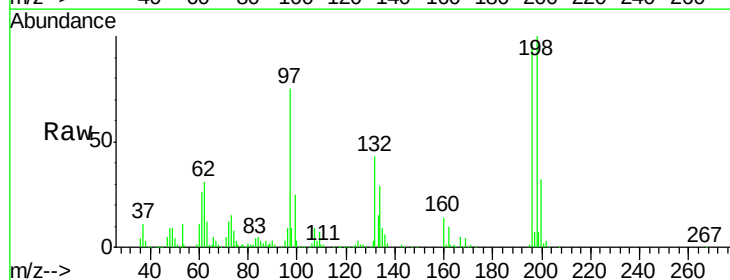


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

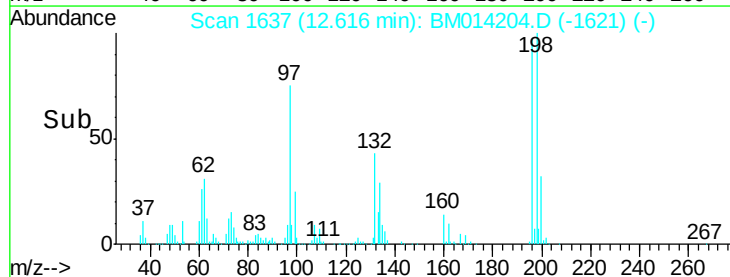
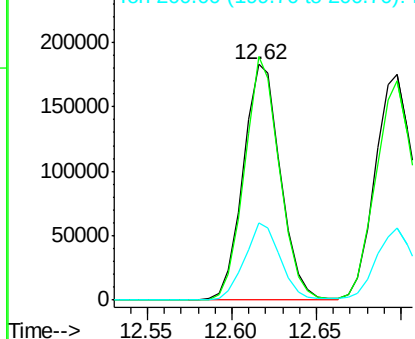


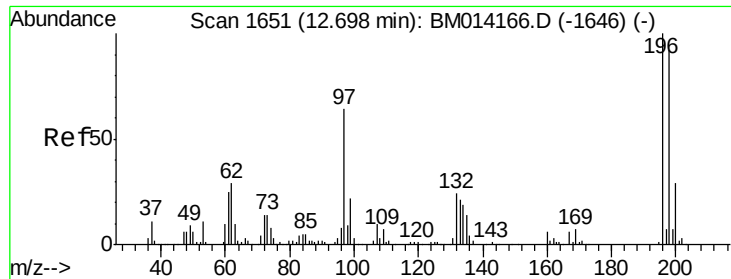
#42
 2,4,6-Trichlorophenol
 Concen: 44.180 ng
 RT: 12.62 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BM014204.D
 Acq: 08 Feb 2018 21:45

Tgt Ion:196 Resp: 281465
 Ion Ratio Lower Upper
 196 100
 198 103.4 76.3 114.5
 200 32.8 25.6 38.4



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

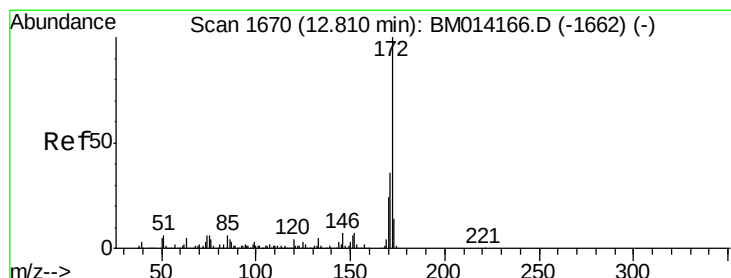
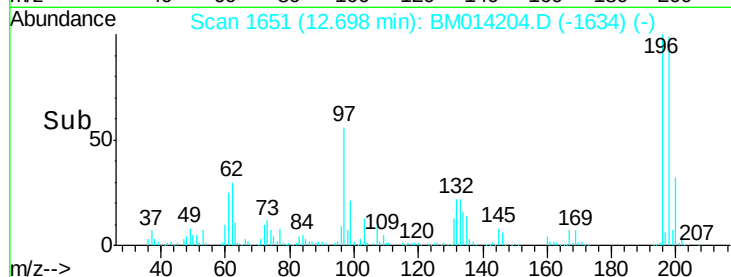
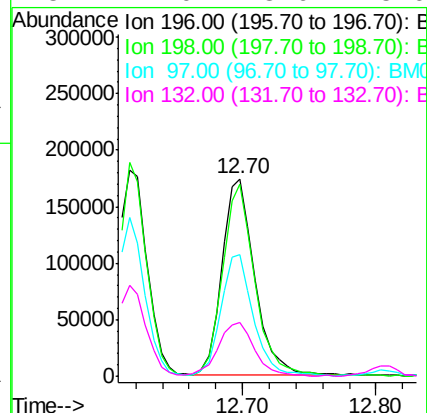
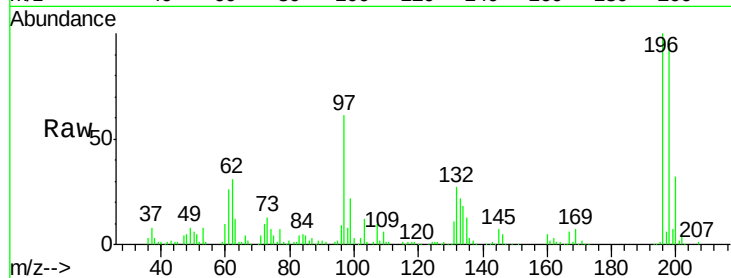




#43
2,4,5-Trichlorophenol
Concen: 42.117 ng
RT: 12.70 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

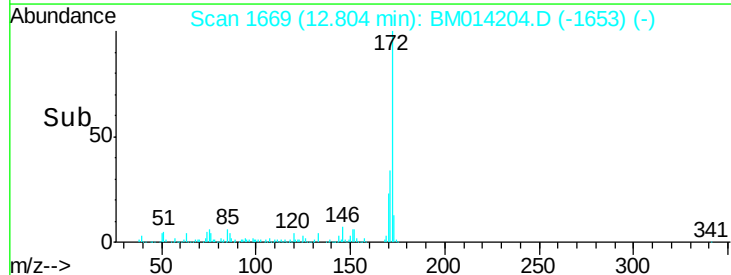
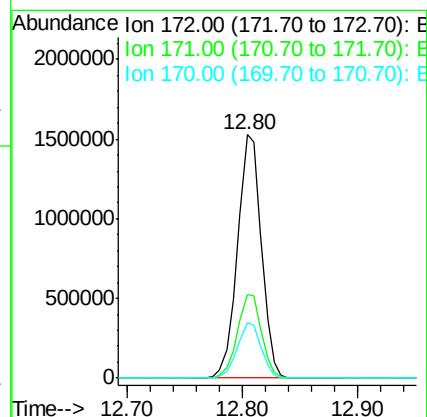
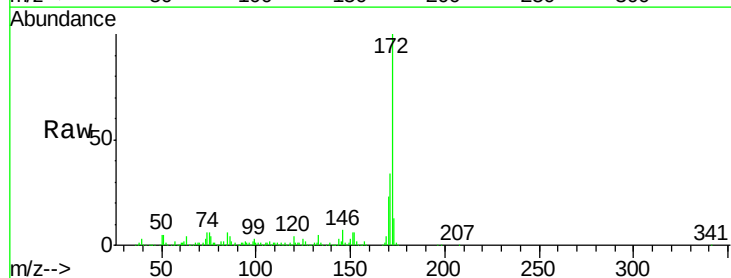
Instrument :
BNA_M
ClientSampleId :
PB106402BS

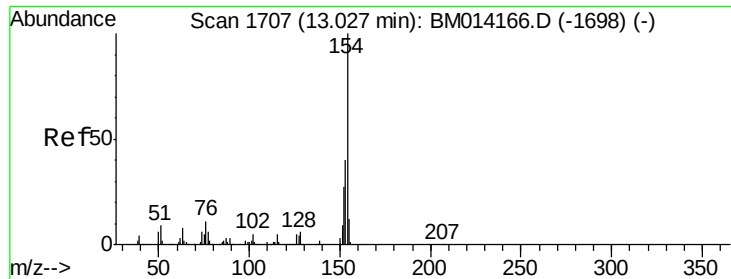
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	79.4	119.0
97	61.3	26.8	40.2
132	27.0	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 88.012 ng
RT: 12.80 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	22.8	18.8	28.2

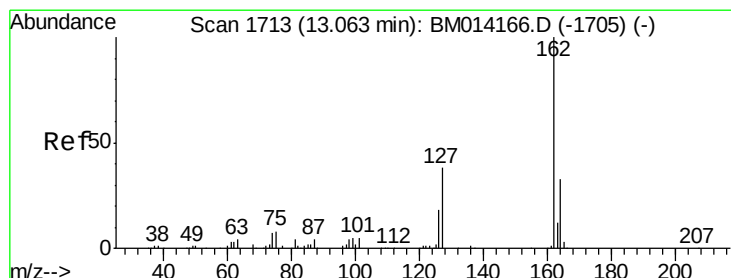
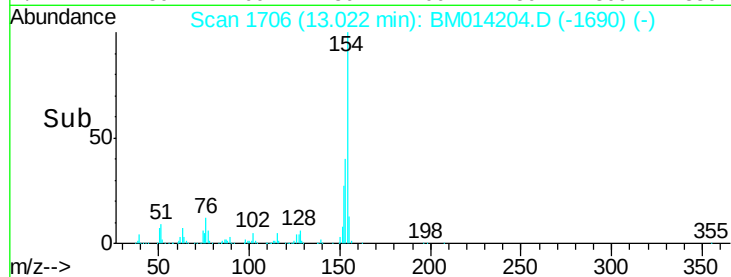
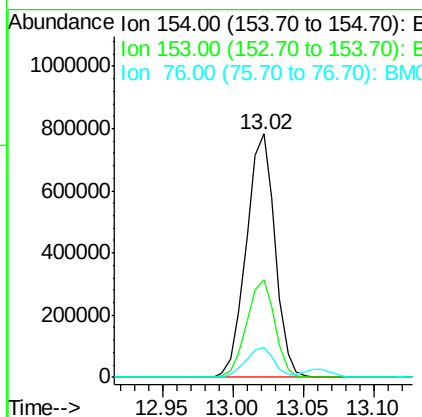
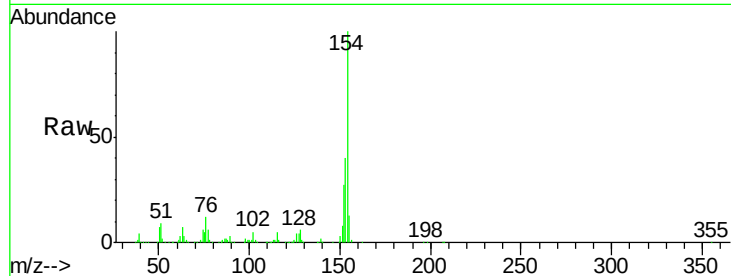




#45
 1,1'-Biphenyl
 Concen: 41.702 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BM014204.D
 Acq: 08 Feb 2018 21:45

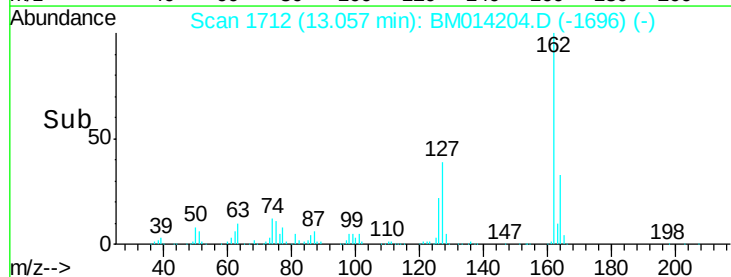
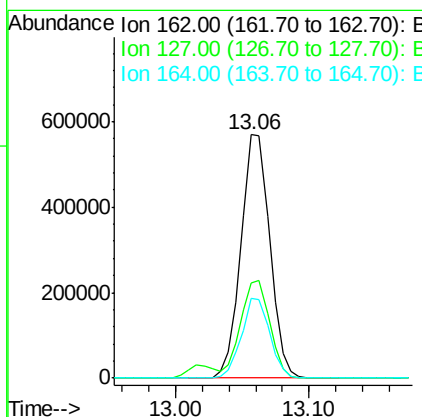
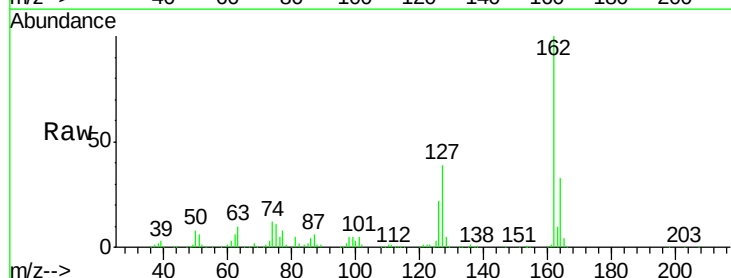
Instrument :
 BNA_M
 ClientSampleId :
 PB106402BS

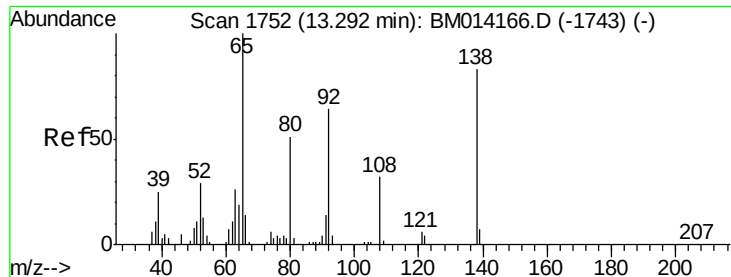
Tot Ion:154 Resp: 1118021
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.7 60.7
 76 12.0 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 41.803 ng
 RT: 13.06 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BM014204.D
 Acq: 08 Feb 2018 21:45

Tgt Ion:162 Resp: 850742
 Ion Ratio Lower Upper
 162 100
 127 38.8 26.9 40.3
 164 32.5 26.8 40.2





#47

2-Nitroaniline

Concen: 37.059 ng

RT: 13.29 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

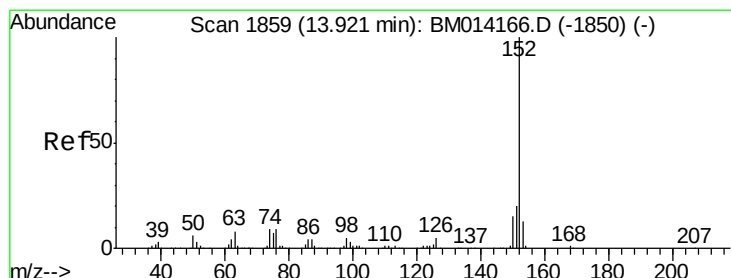
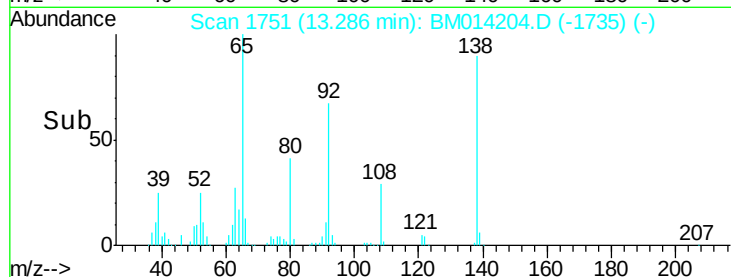
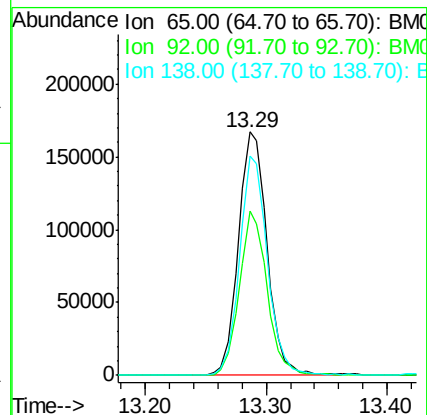
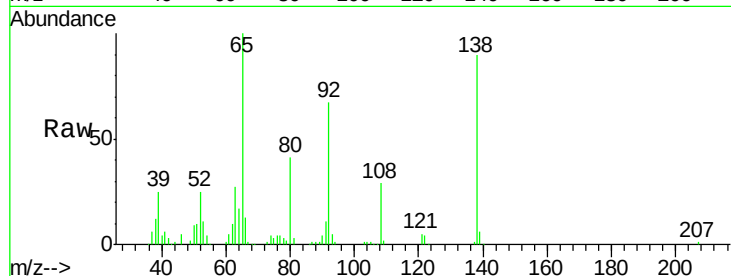
Tot Ion: 65 Resp: 277533

Ion Ratio Lower Upper

65 100

92 67.4 59.1 88.7

138 90.0 93.9 140.9#



#48

Acenaphthylene

Concen: 39.778 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

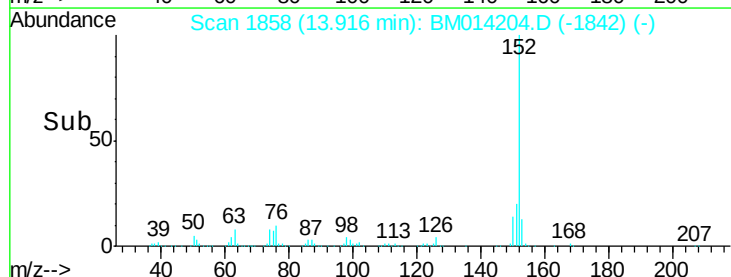
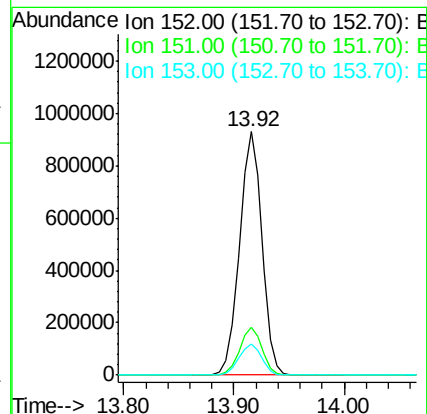
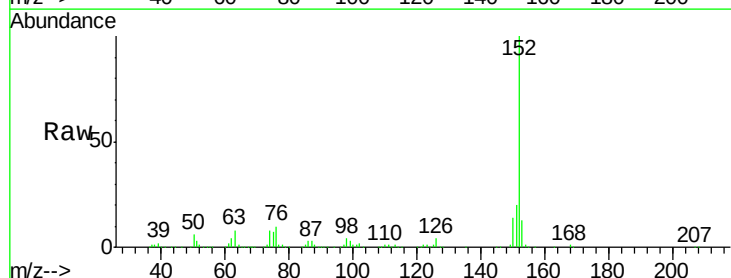
Tgt Ion: 152 Resp: 1327425

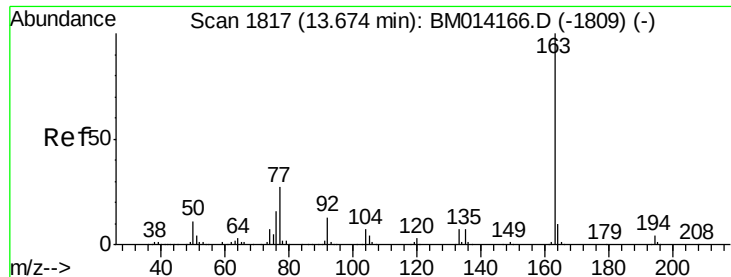
Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 12.6 10.6 16.0





#49

Dimethylphthalate

Concen: 36.648 ng

RT: 13.67 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

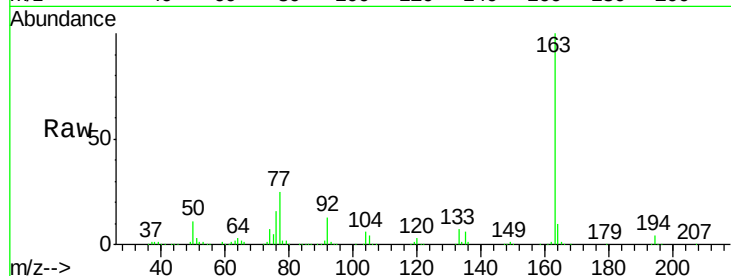
Tot Ion:163 Resp: 1015399

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

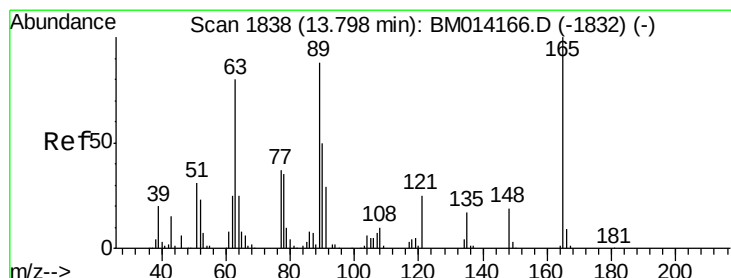
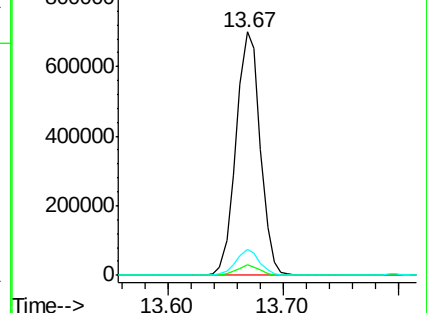
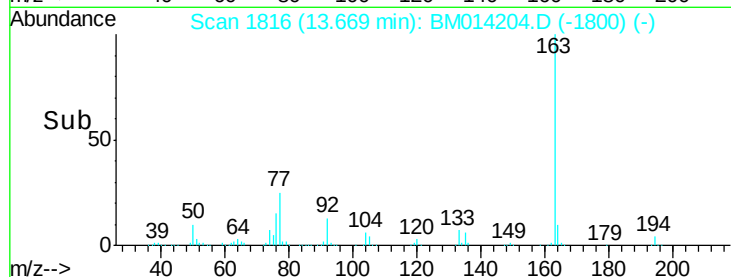
164 10.4 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 38.390 ng

RT: 13.80 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

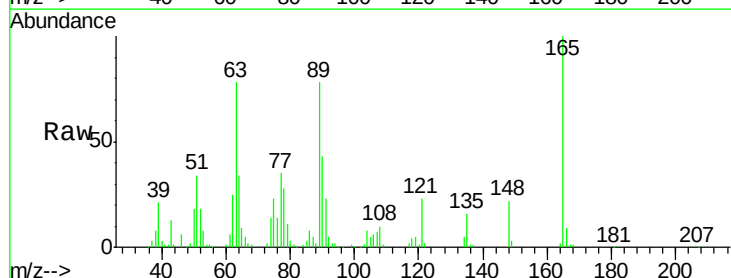
Tgt Ion:165 Resp: 218262

Ion Ratio Lower Upper

165 100

63 77.6 44.1 66.1#

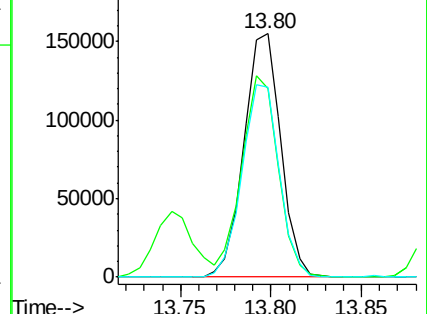
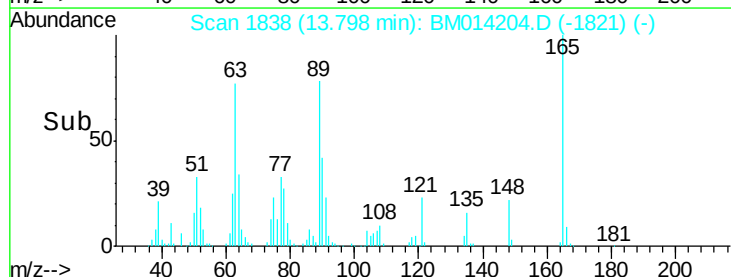
89 78.2 44.3 66.5#

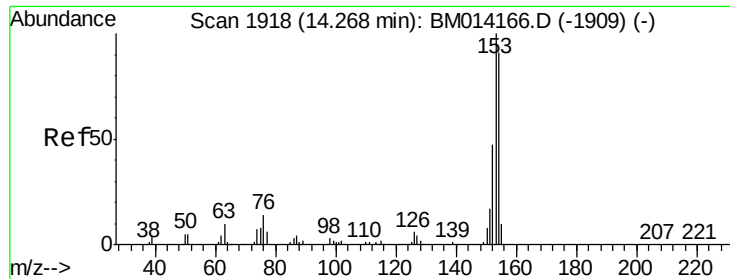


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 38.613 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

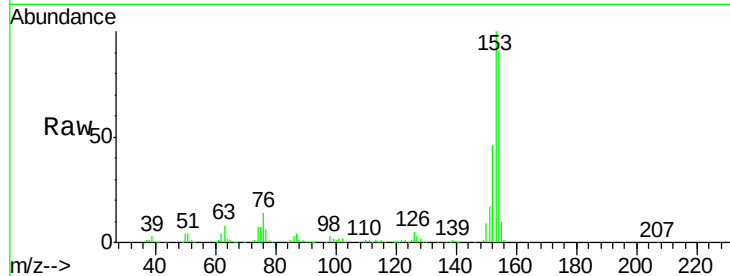
Tot Ion:154 Resp: 794284

Ion Ratio Lower Upper

154 100

153 110.5 90.0 135.0

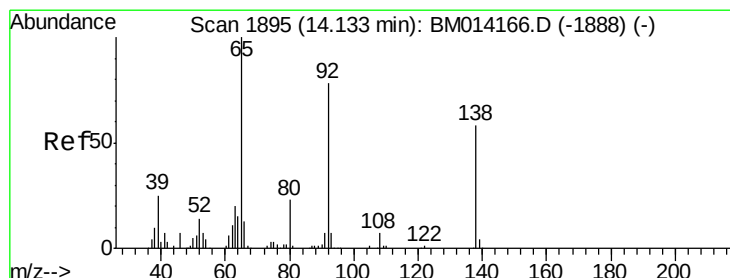
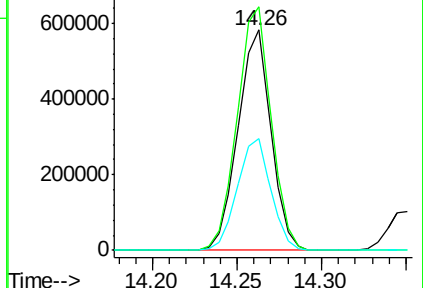
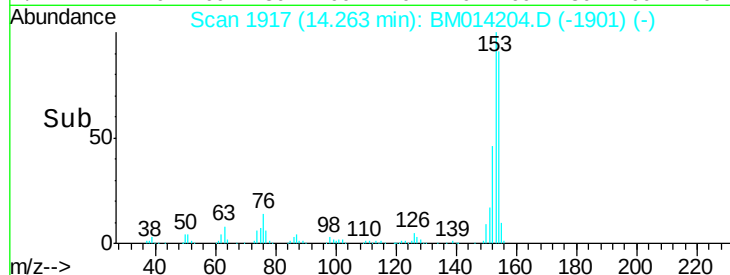
152 50.8 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 12.851 ng

RT: 14.13 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

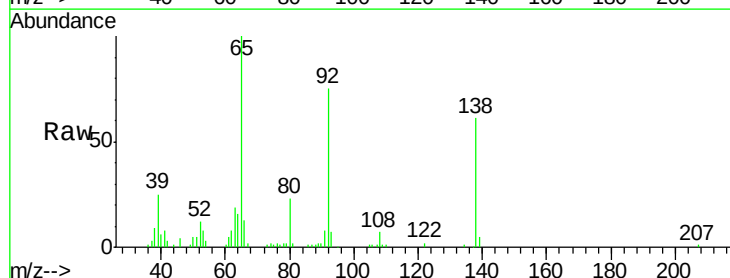
Tgt Ion:138 Resp: 75577

Ion Ratio Lower Upper

138 100

108 11.5 7.3 10.9#

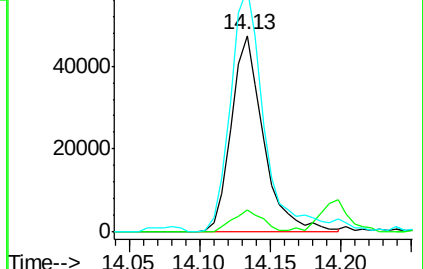
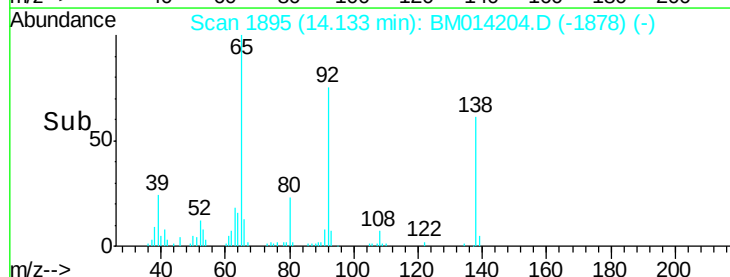
92 124.0 76.6 114.8#

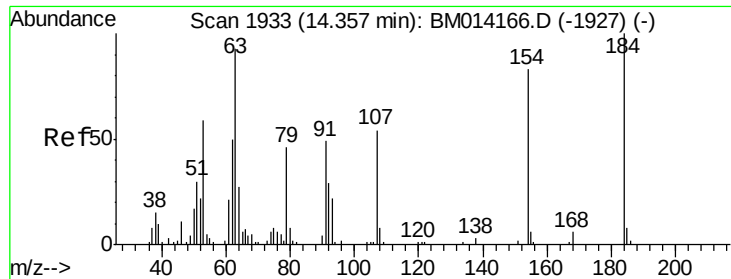


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

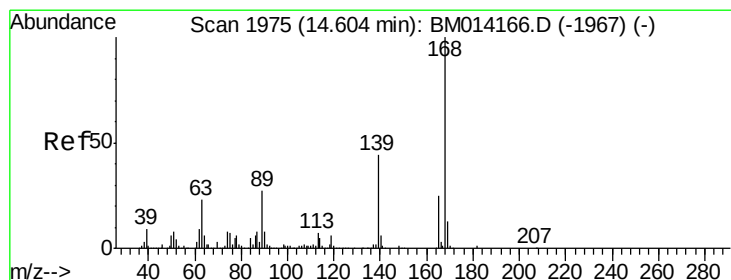
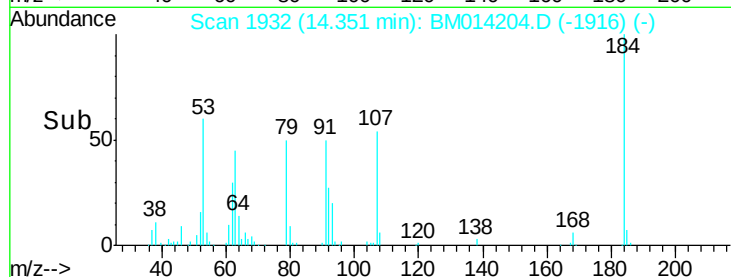
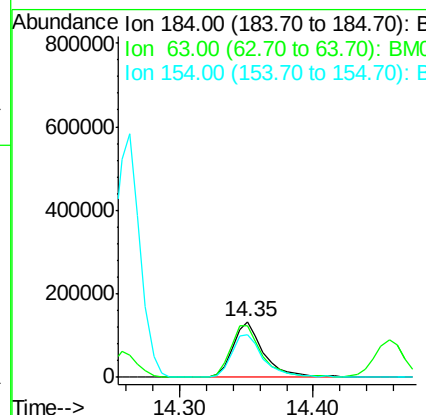
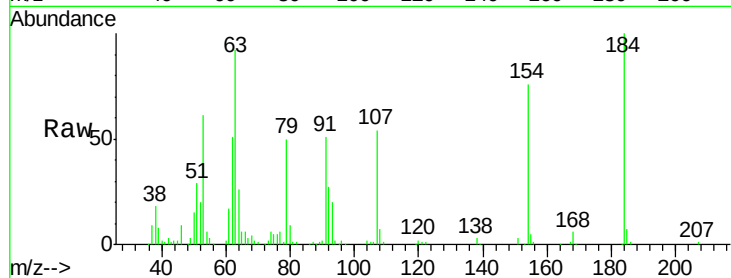




#53
2,4-Dinitrophenol
Concen: 66.961 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

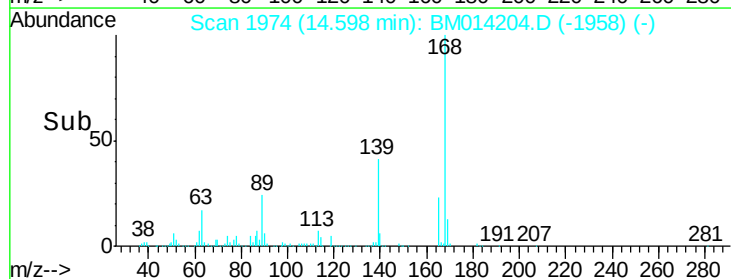
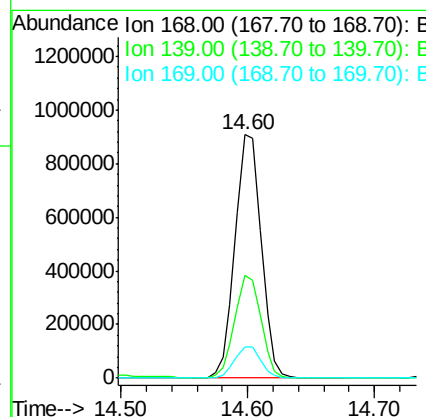
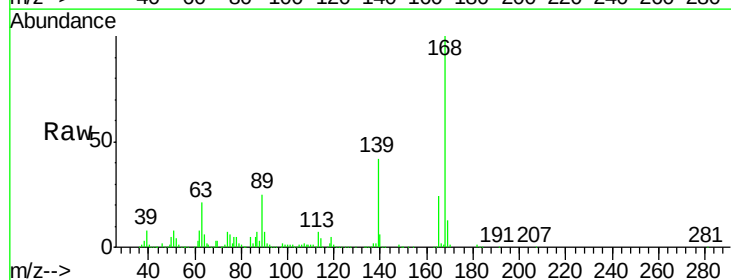
Instrument :
BNA_M
ClientSampleId :
PB106402BS

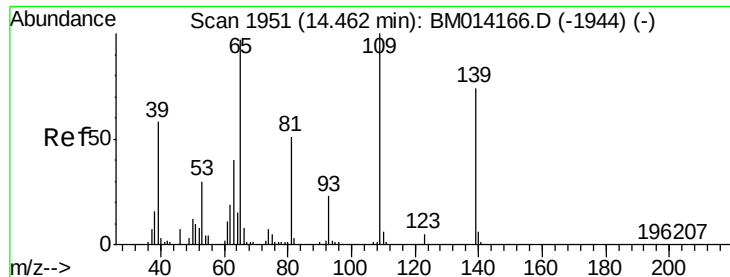
Tot Ion:184 Resp: 212237
Ion Ratio Lower Upper
184 100
63 91.9 69.2 103.8
154 75.9 53.3 79.9



#54
Dibenzofuran
Concen: 40.327 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

Tgt Ion:168 Resp: 1296207
Ion Ratio Lower Upper
168 100
139 42.4 27.3 40.9#
169 12.6 10.6 16.0





#55

4-Nitrophenol

Concen: 65.628 ng

RT: 14.46 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

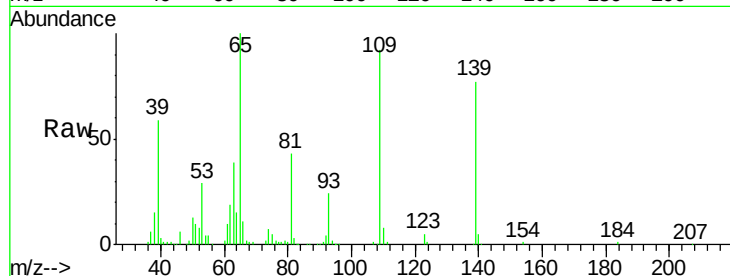
Tot Ion:139 Resp: 300593

Ion Ratio Lower Upper

139 100

109 120.3 130.0 170.0#

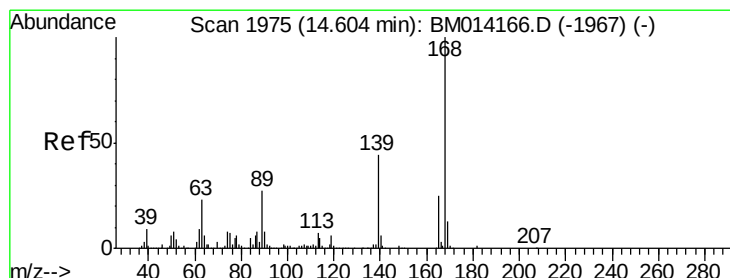
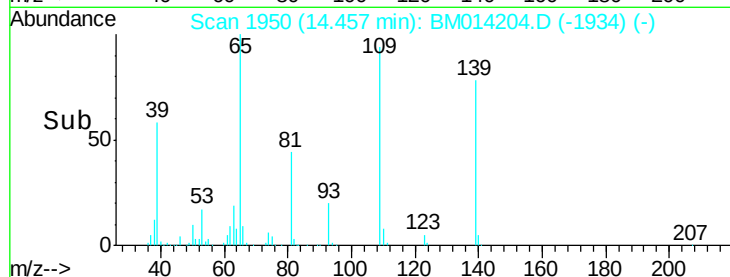
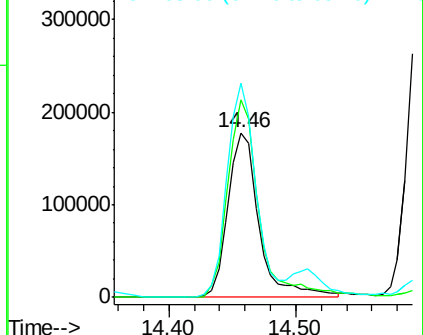
65 130.3 130.0 170.0



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): BMC



#56

2,4-Dinitrotoluene

Concen: 35.519 ng

RT: 14.60 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Tgt Ion:165 Resp: 311646

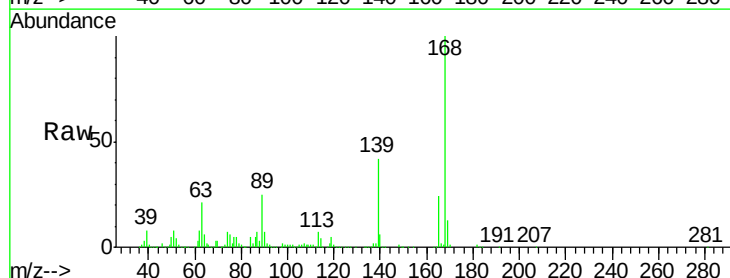
Ion Ratio Lower Upper

165 100

63 88.8 52.4 78.6#

89 106.6 72.4 108.6

182 3.3 2.0 3.0#

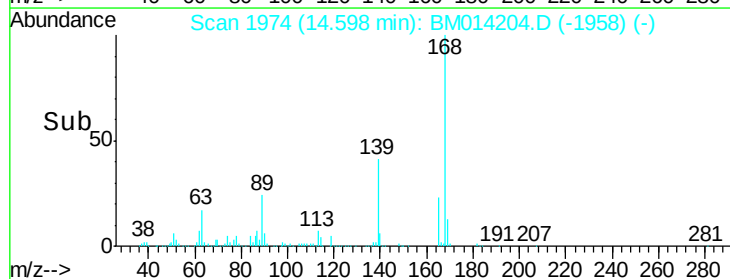
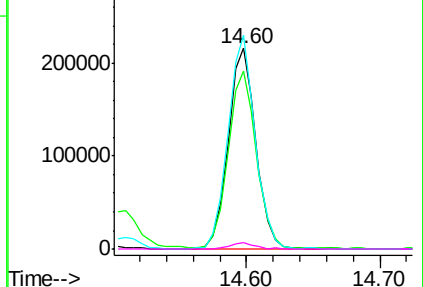


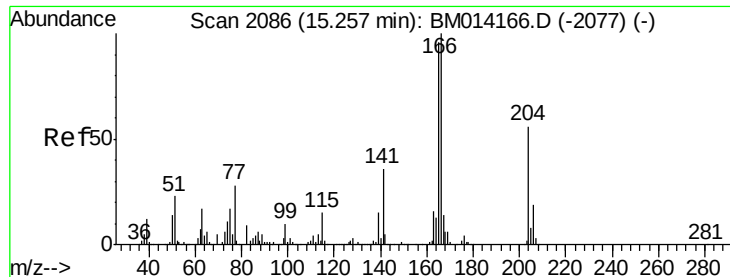
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BMC

Ion 89.00 (88.70 to 89.70): BMC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.789 ng

RT: 15.26 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

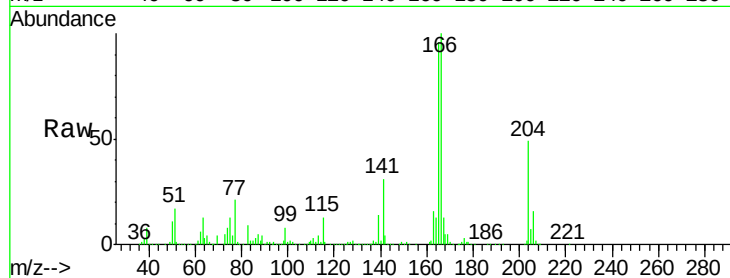
Tot Ion:166 Resp: 1068575

Ion Ratio Lower Upper

166 100

165 95.7 79.0 118.4

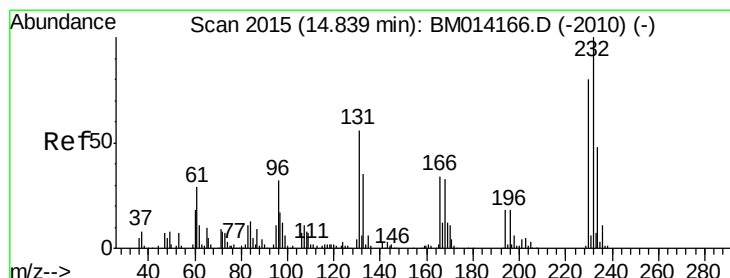
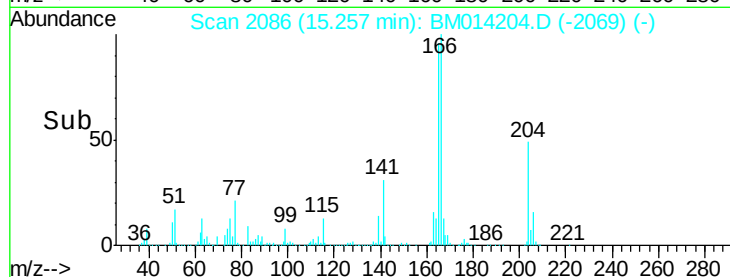
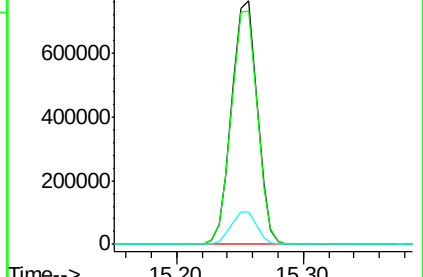
167 13.4 10.3 15.5



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.514 ng

RT: 14.84 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Tgt Ion:232 Resp: 266889

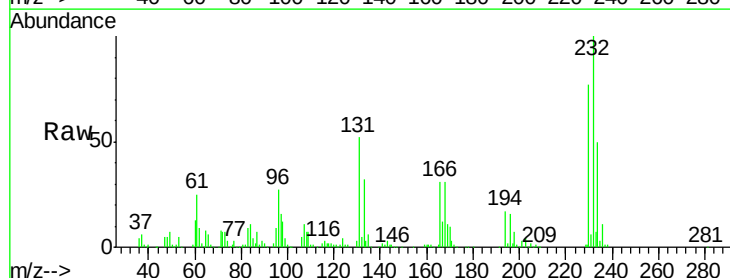
Ion Ratio Lower Upper

232 100

131 53.5 0.0 0.0#

130 3.3 0.0 0.0#

166 34.4 0.0 0.0#

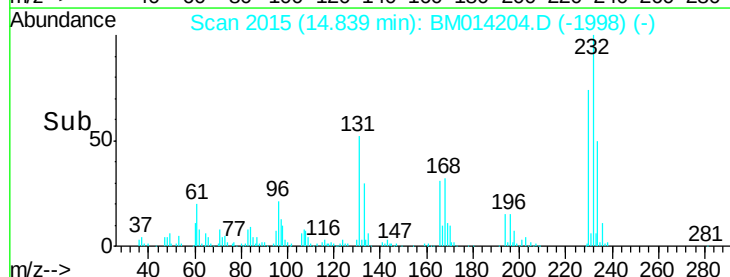
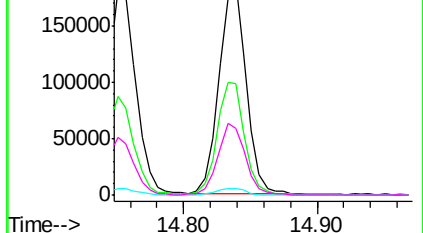


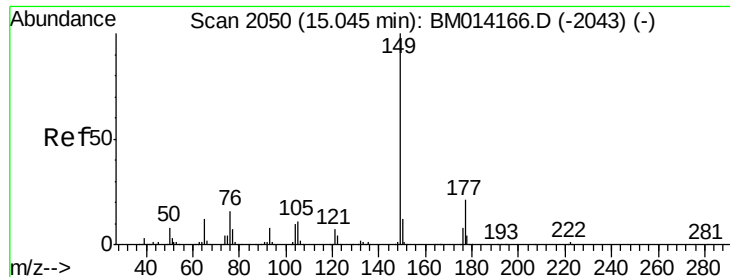
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

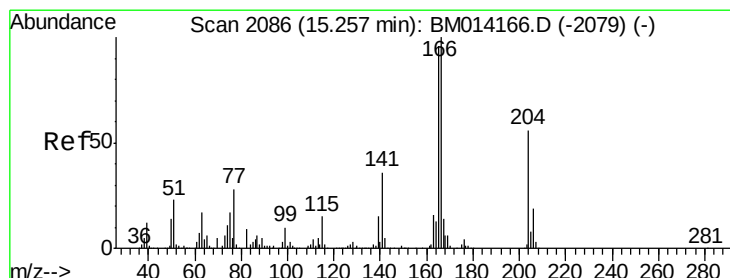
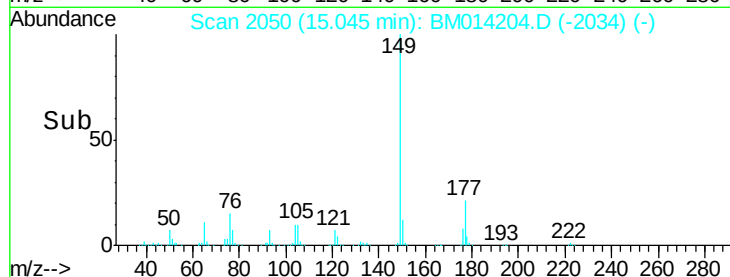
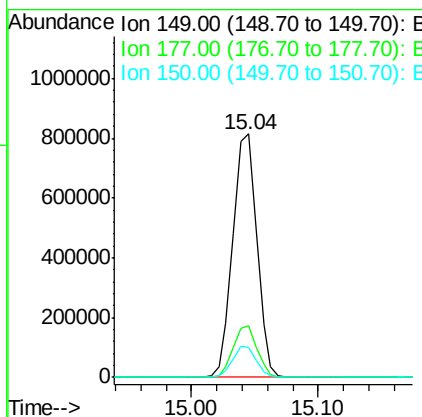
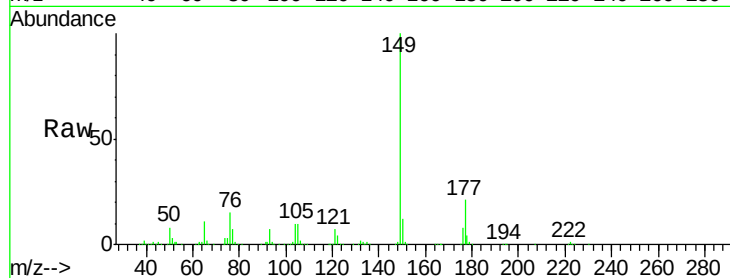




#59
Diethylphthalate
Concen: 34.704 ng
RT: 15.04 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

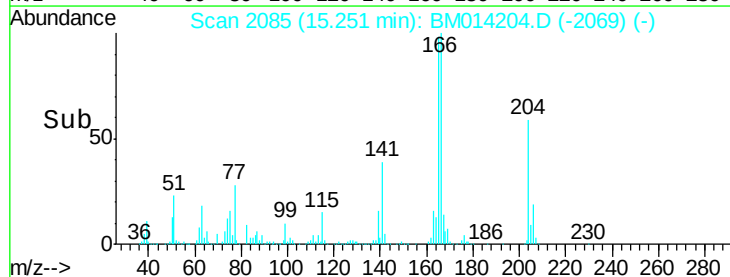
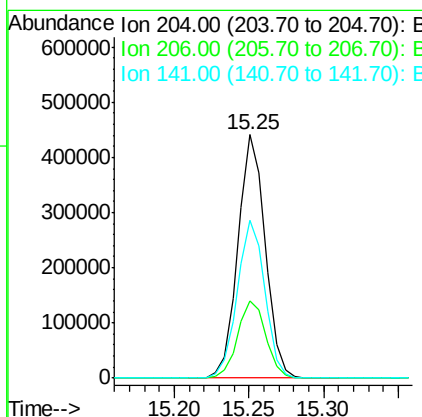
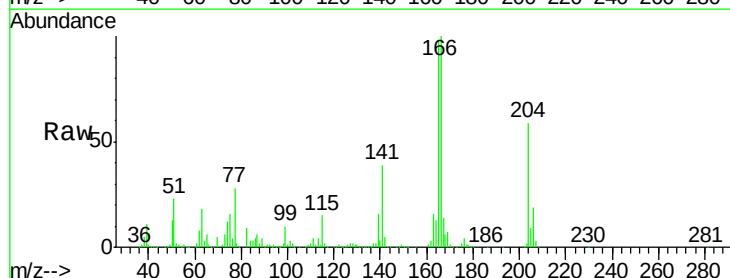
Instrument :
BNA_M
ClientSampleId :
PB106402BS

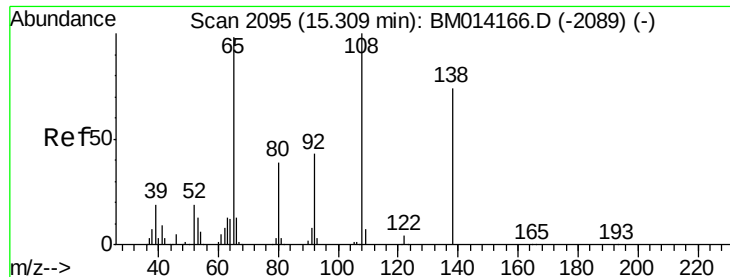
Tot Ion:149 Resp: 1067327
Ion Ratio Lower Upper
149 100
177 20.9 18.3 27.5
150 12.4 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 38.131 ng
RT: 15.25 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

Tgt Ion:204 Resp: 560493
Ion Ratio Lower Upper
204 100
206 31.7 26.6 39.8
141 65.0 45.2 67.8

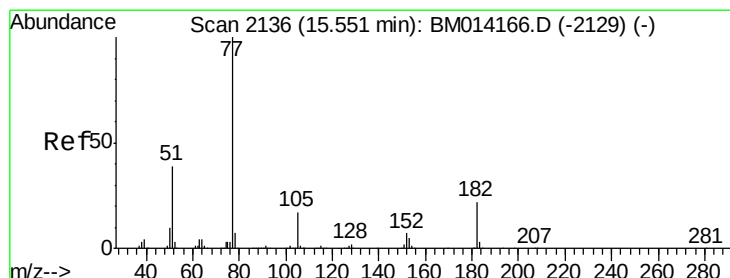
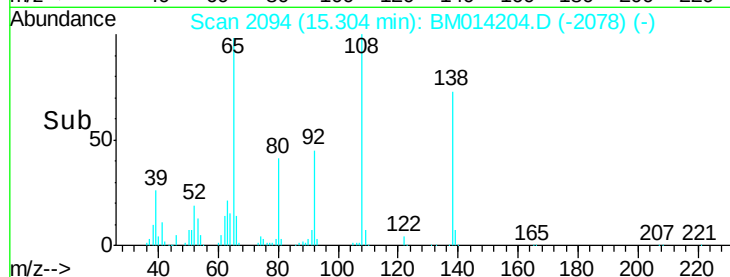
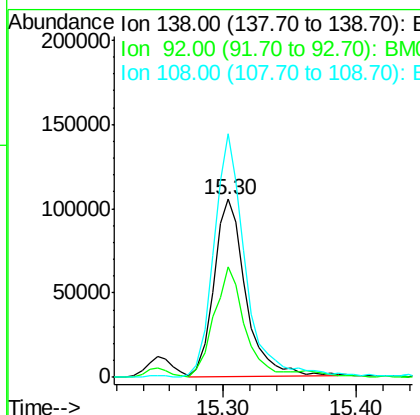
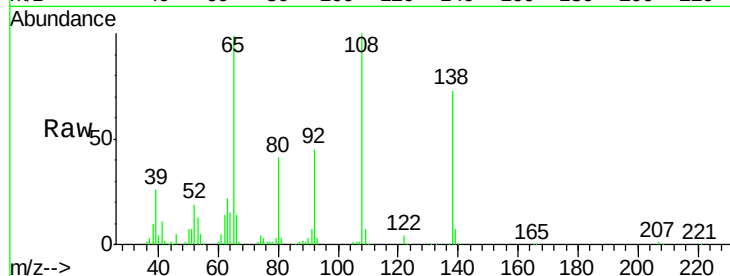




#61
4-Nitroaniline
Concen: 29.623 ng
RT: 15.30 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

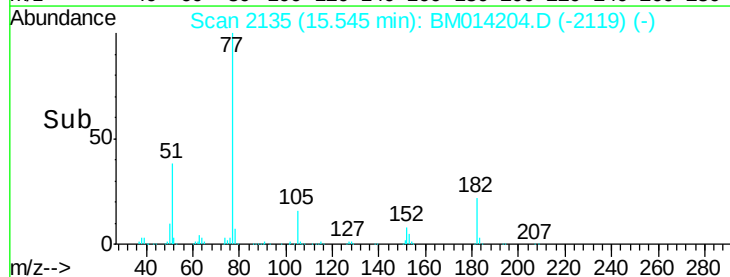
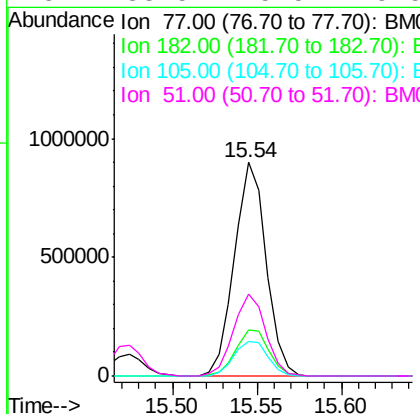
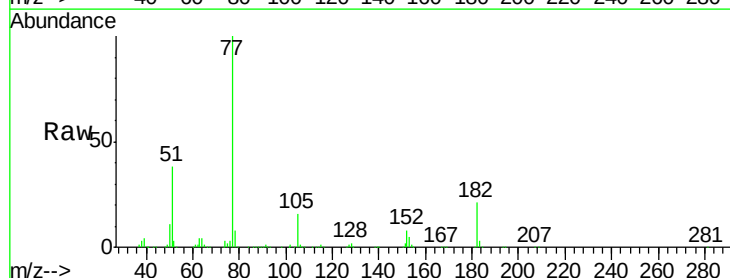
Instrument :
BNA_M
ClientSampleId :
PB106402BS

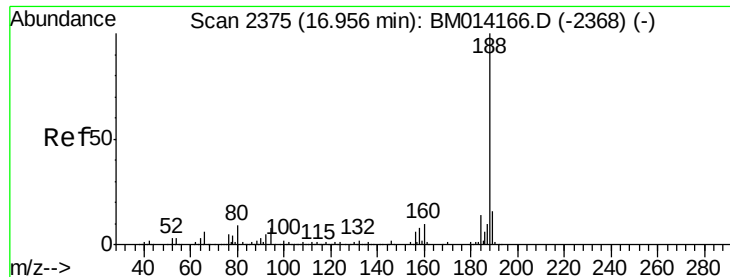
Tot Ion:138 Resp: 174321
Ion Ratio Lower Upper
138 100
92 62.0 16.7 56.7#
108 136.7 37.6 77.6#



#62
Azobenzene
Concen: 36.712 ng
RT: 15.54 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

Tgt Ion: 77 Resp: 1172649
Ion Ratio Lower Upper
77 100
182 21.5 6.5 46.5
105 16.3 3.8 43.8
51 38.5 5.5 45.5

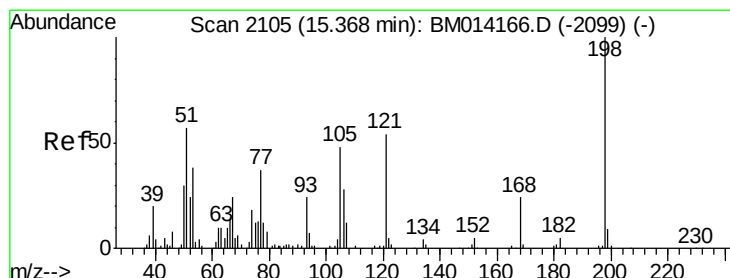
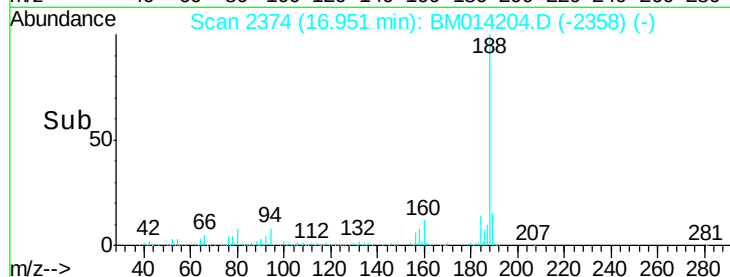
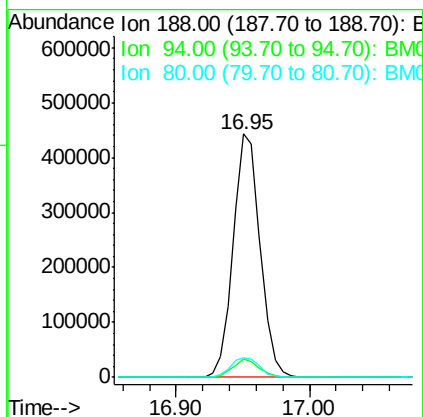
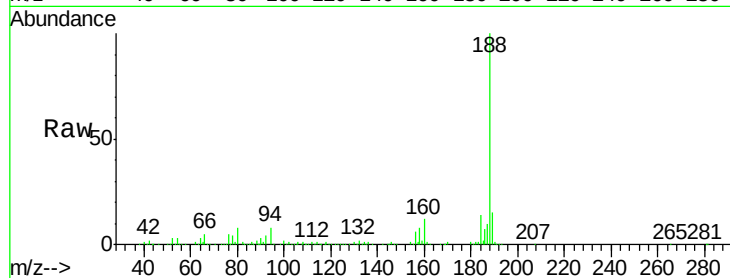




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

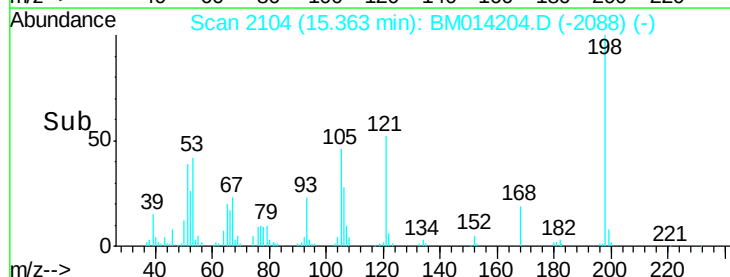
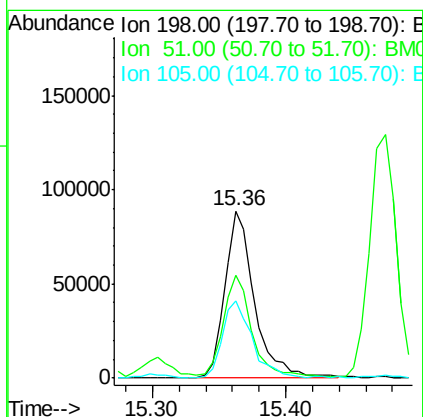
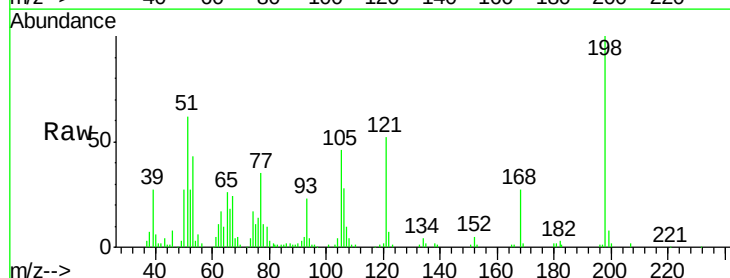
Instrument :
BNA_M
ClientSampleId :
PB106402BS

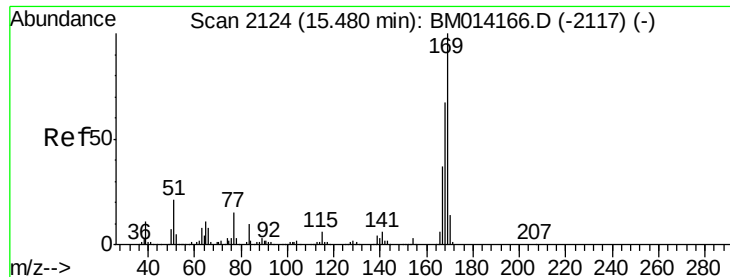
Tot Ion:188 Resp: 622460
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 8.1 9.3 13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 34.171 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

Tgt Ion:198 Resp: 137950
Ion Ratio Lower Upper
198 100
51 61.5 28.8 68.8
105 46.5 30.5 70.5

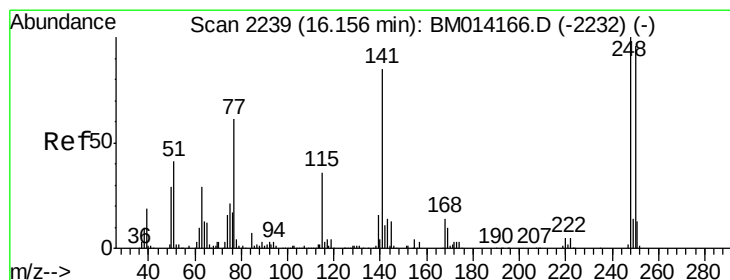
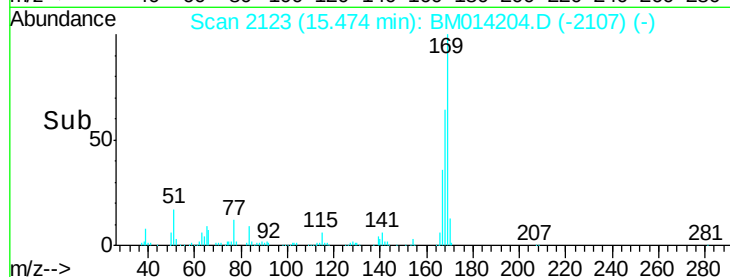
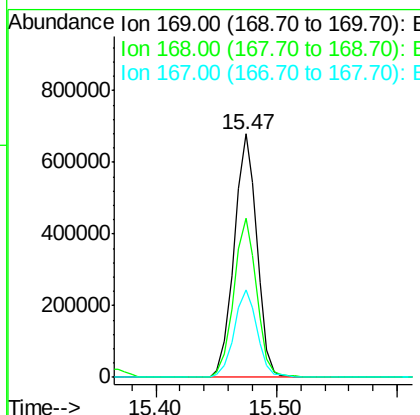
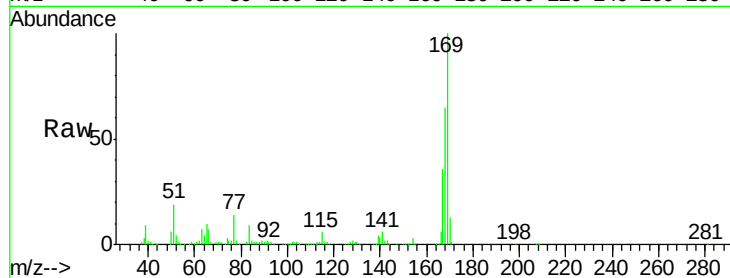




#65
n-Nitrosodiphenylamine
Concen: 45.436 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

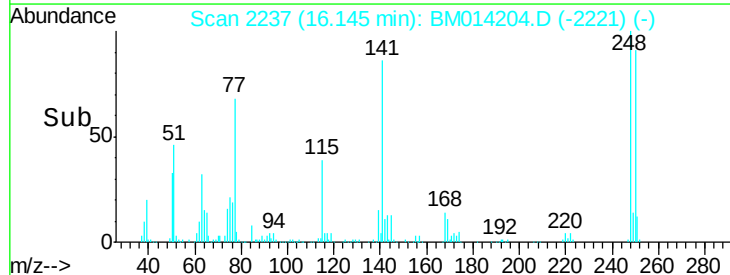
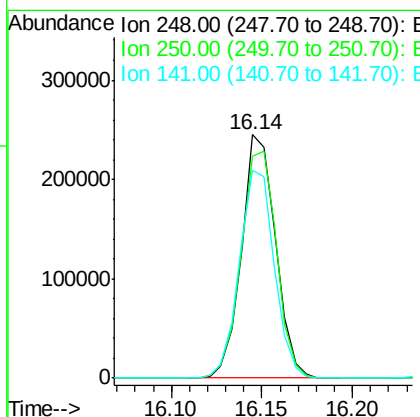
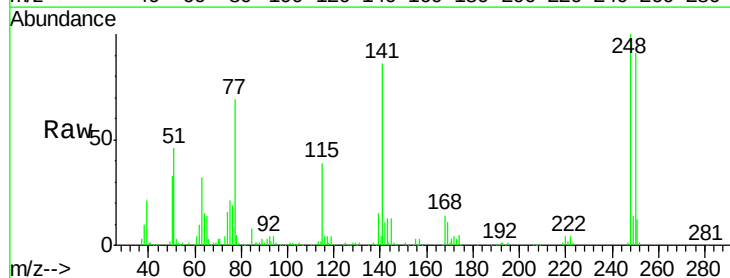
Instrument :
BNA_M
ClientSampleId :
PB106402BS

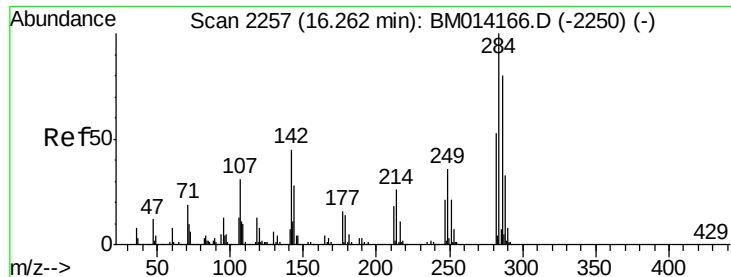
Tot Ion:169 Resp: 892848
Ion Ratio Lower Upper
169 100
168 65.3 53.9 80.9
167 35.9 28.9 43.3



#66
4-Bromophenyl-phenylether
Concen: 43.758 ng
RT: 16.14 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

Tgt Ion:248 Resp: 319248
Ion Ratio Lower Upper
248 100
250 91.0 77.4 116.0
141 85.6 45.2 67.8#





#67

Hexachlorobenzene

Concen: 40.871 ng

RT: 16.26 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

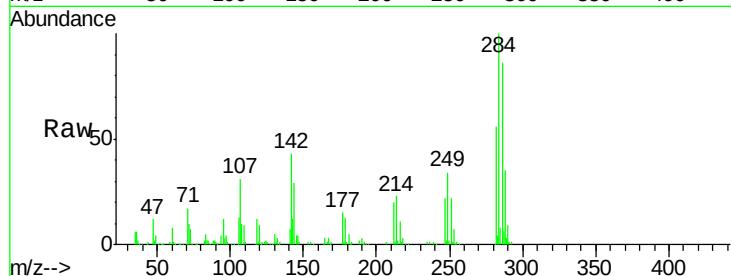
Tot Ion:284 Resp: 327376

Ion Ratio Lower Upper

284 100

142 43.1 20.4 30.6#

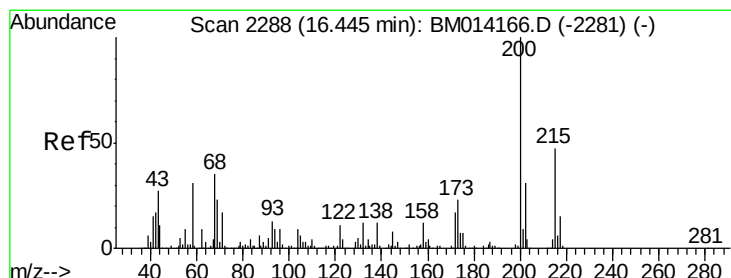
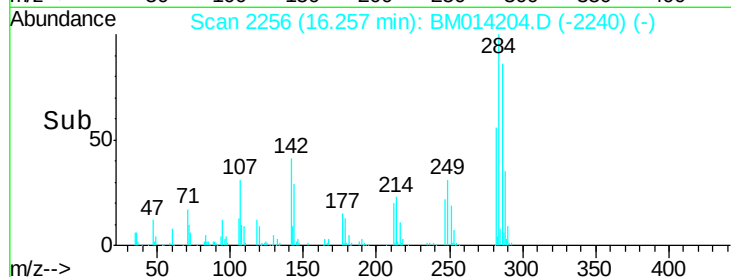
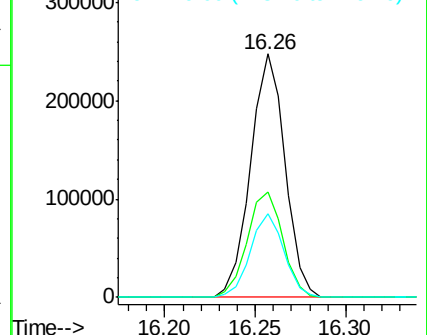
249 34.1 23.8 35.6



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



#68

Atrazine

Concen: 41.148 ng

RT: 16.44 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

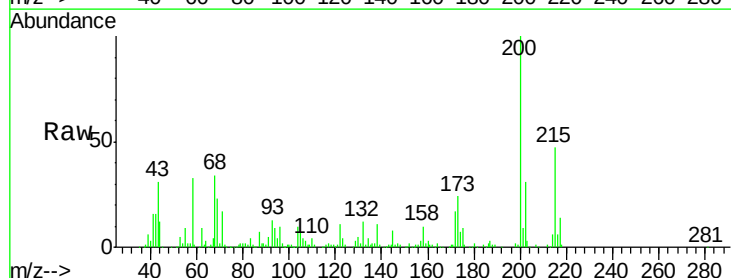
Tgt Ion:200 Resp: 303281

Ion Ratio Lower Upper

200 100

173 23.7 4.8 44.8

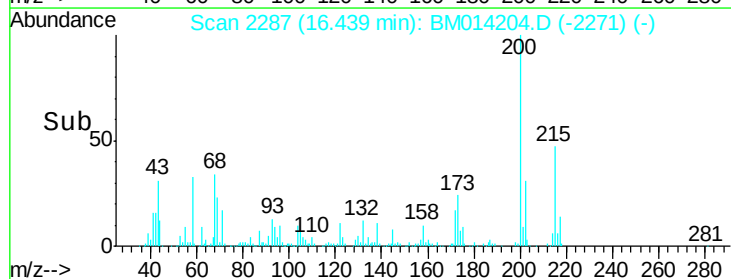
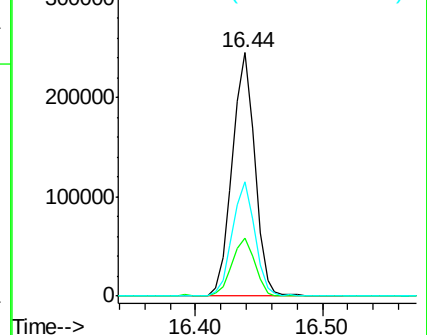
215 46.8 26.9 66.9

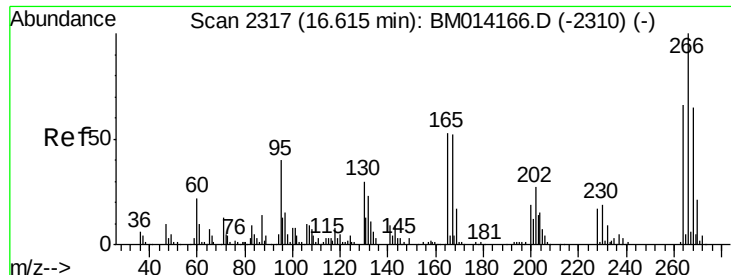


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

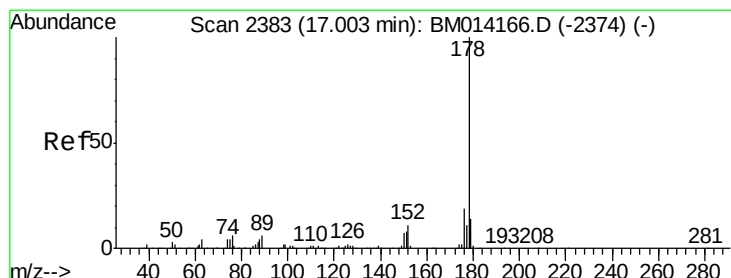
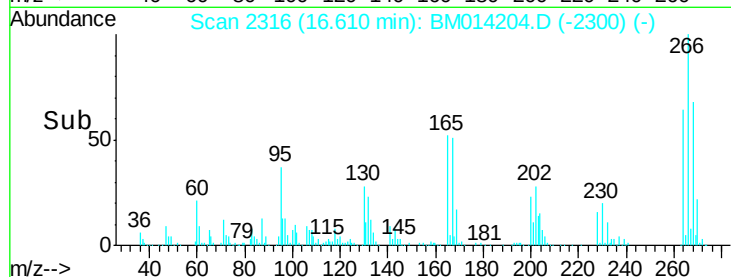
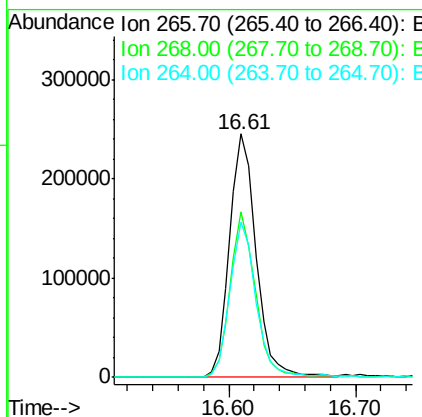
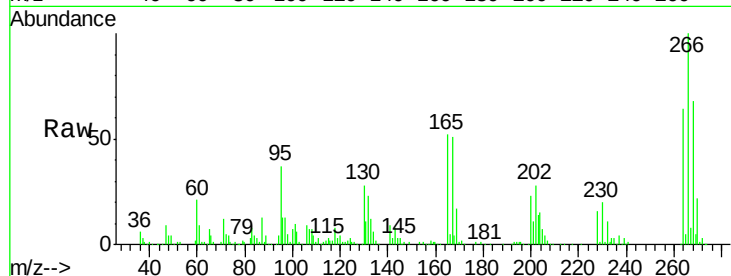




#69
 Pentachlorophenol
 Concen: 65.969 ng
 RT: 16.61 min Scan# 2316
 Delta R.T. -0.01 min
 Lab File: BM014204.D
 Acq: 08 Feb 2018 21:45

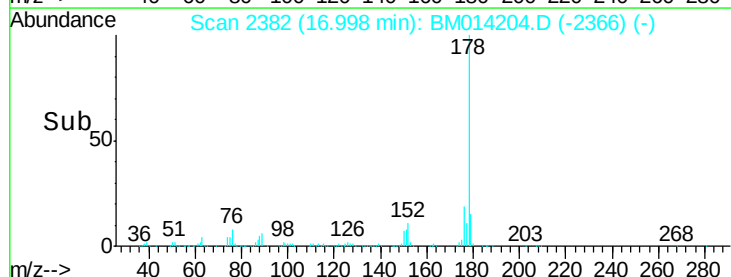
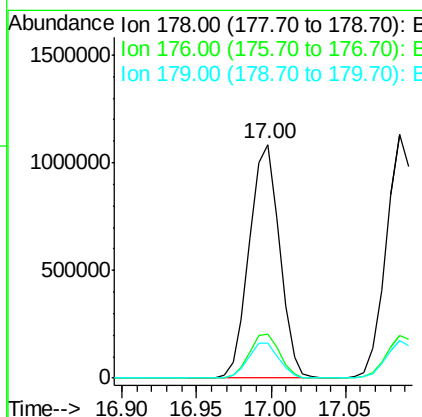
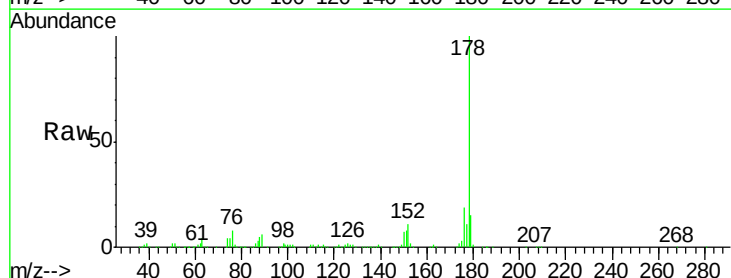
Instrument :
 BNA_M
 ClientSampleId :
 PB106402BS

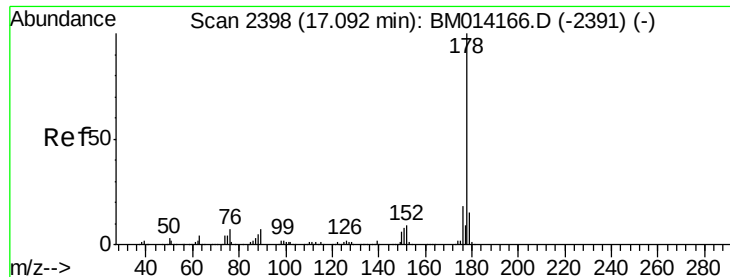
Tot Ion:266 Resp: 355726
 Ion Ratio Lower Upper
 266 100
 268 68.2 52.0 78.0
 264 64.0 49.0 73.4



#70
 Phenanthrene
 Concen: 40.501 ng
 RT: 17.00 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM014204.D
 Acq: 08 Feb 2018 21:45

Tgt Ion:178 Resp: 1520800
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.2 22.8
 179 15.0 12.1 18.1

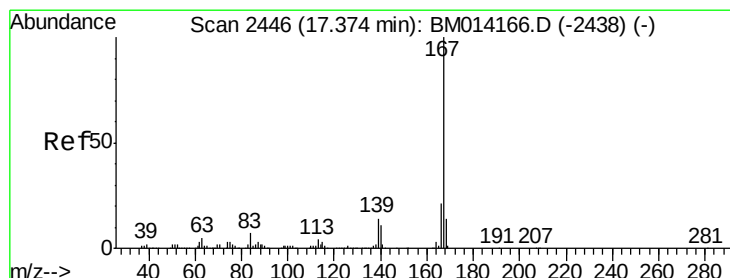
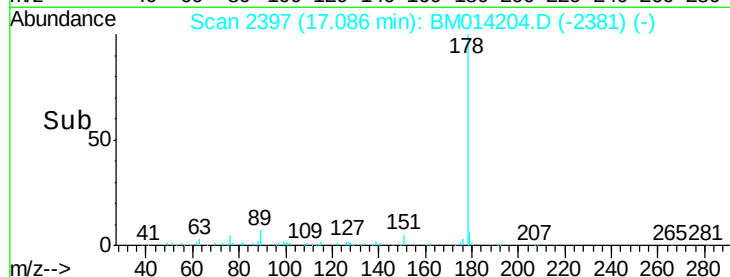
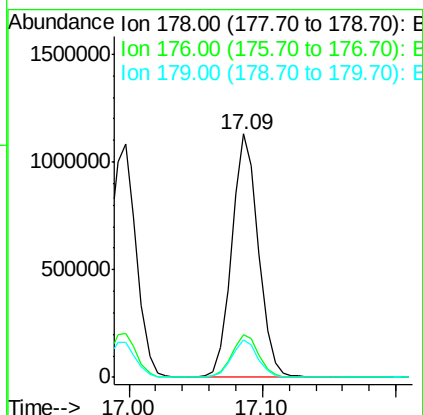
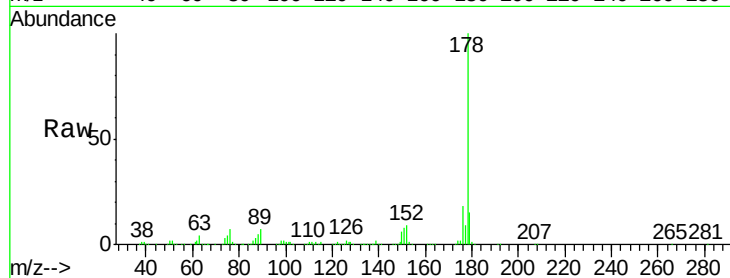




#71
 Anthracene
 Concen: 42.623 ng
 RT: 17.09 min Scan# 2397
 Delta R.T. -0.01 min
 Lab File: BM014204.D
 Acq: 08 Feb 2018 21:45

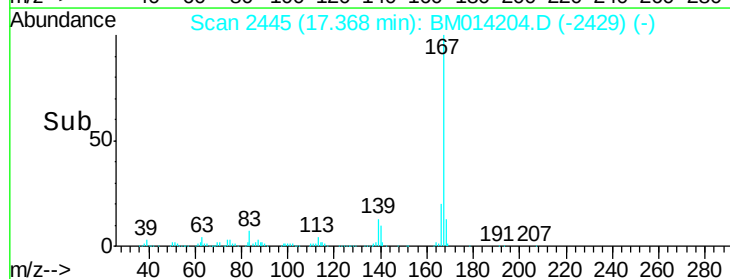
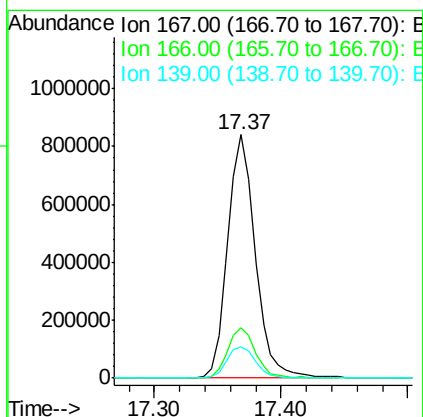
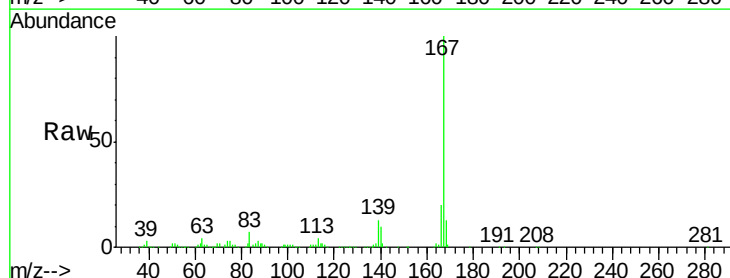
Instrument :
 BNA_M
 ClientSampleId :
 PB106402BS

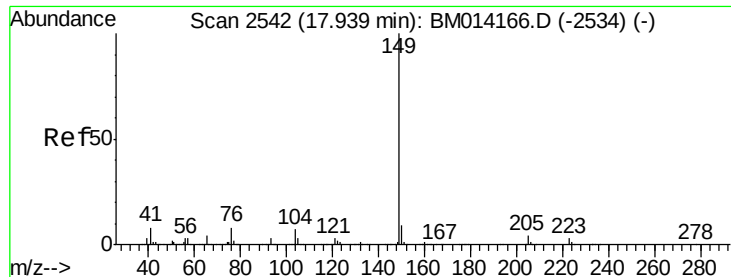
Tot Ion:178 Resp: 1559448
 Ion Ratio Lower Upper
 178 100
 176 17.7 14.6 22.0
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 36.899 ng
 RT: 17.37 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BM014204.D
 Acq: 08 Feb 2018 21:45

Tgt Ion:167 Resp: 1269028
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.2 25.8
 139 13.0 10.8 16.2





#73

Di-n-butylphthalate

Concen: 35.779 ng

RT: 17.93 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

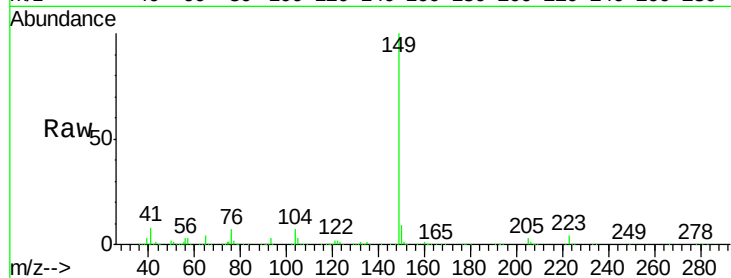
Tot Ion:149 Resp: 1574700

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

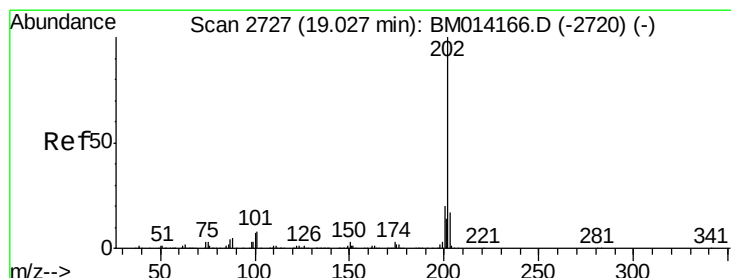
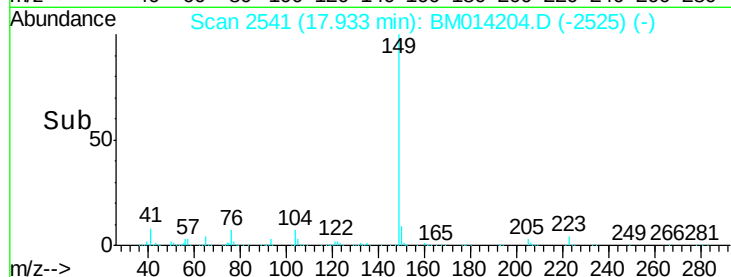
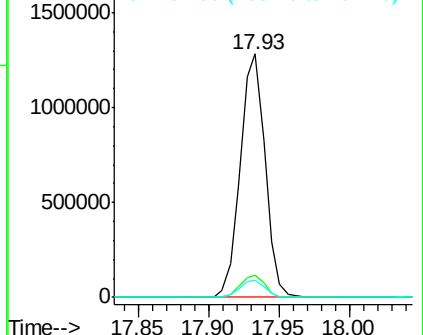
104 7.0 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.302 ng

RT: 19.02 min Scan# 2726

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

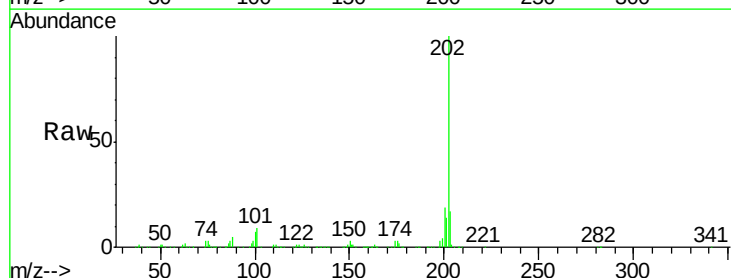
Tgt Ion:202 Resp: 1560567

Ion Ratio Lower Upper

202 100

101 8.9 0.0 28.7

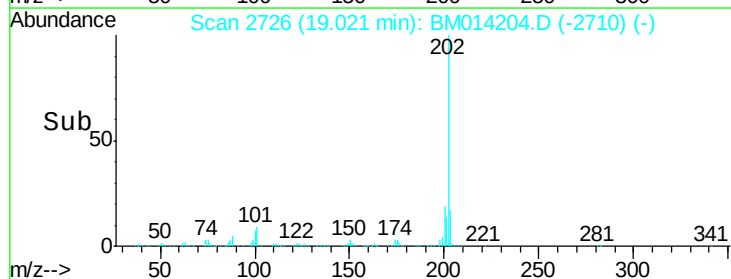
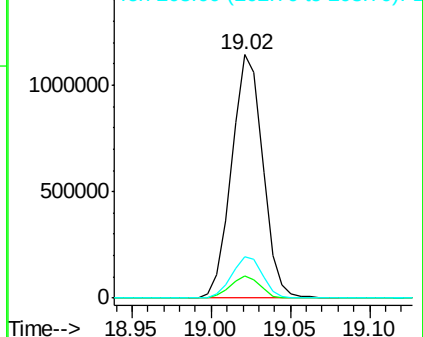
203 17.1 0.0 37.2

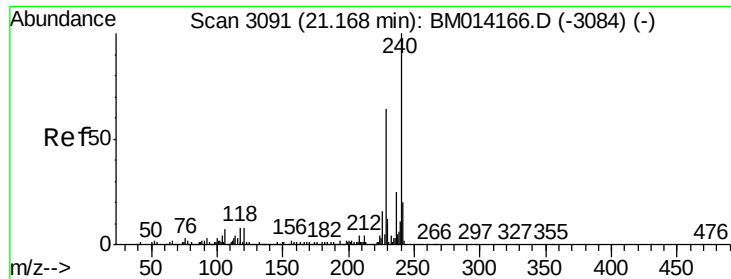


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

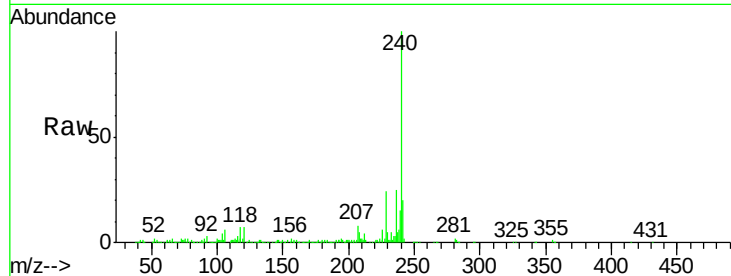
Tot Ion:240 Resp: 471074

Ion Ratio Lower Upper

240 100

120 7.2 8.2 12.2#

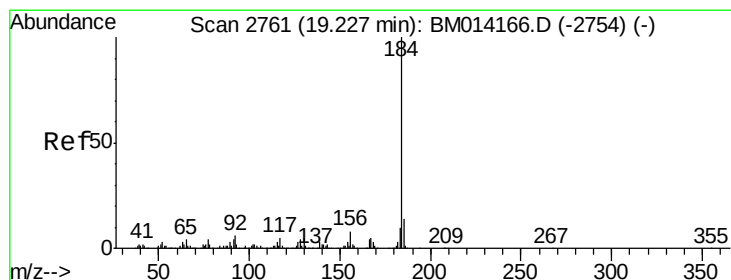
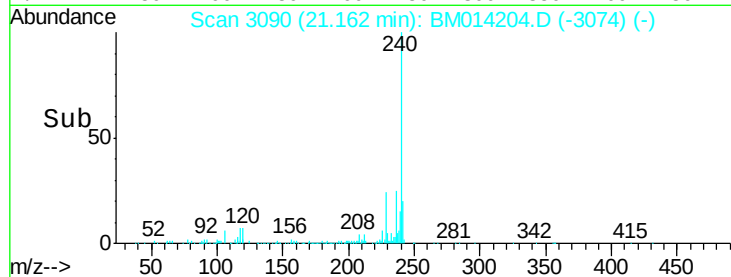
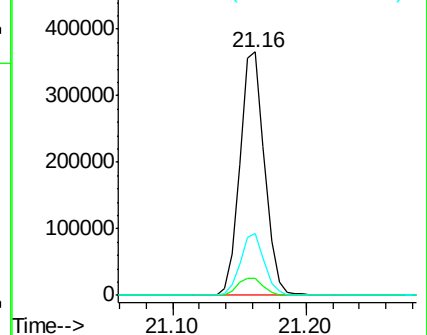
236 25.4 20.0 30.0



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



#76

Benzidine

Concen: 33.818 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

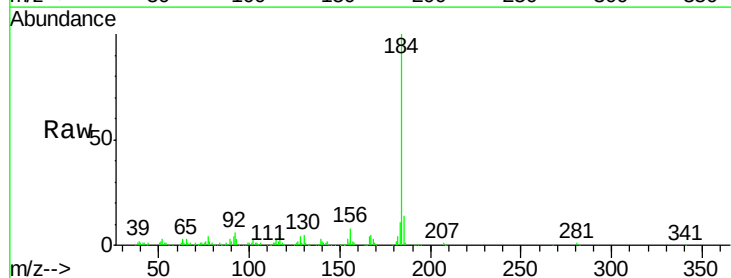
Tgt Ion:184 Resp: 474430

Ion Ratio Lower Upper

184 100

185 13.9 11.3 16.9

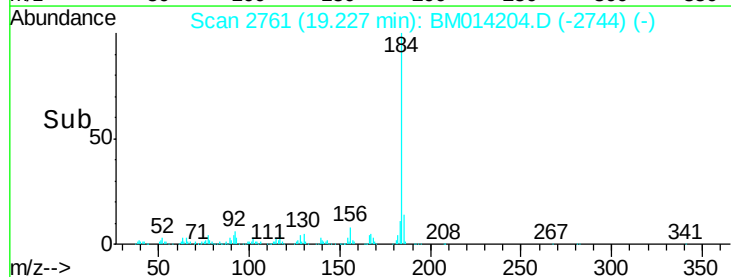
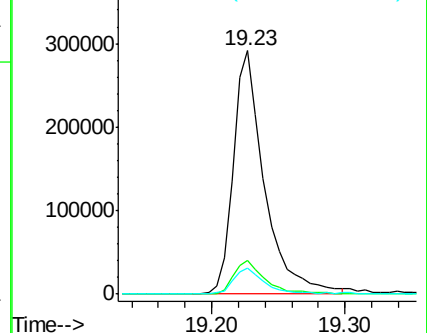
183 10.9 8.9 13.3

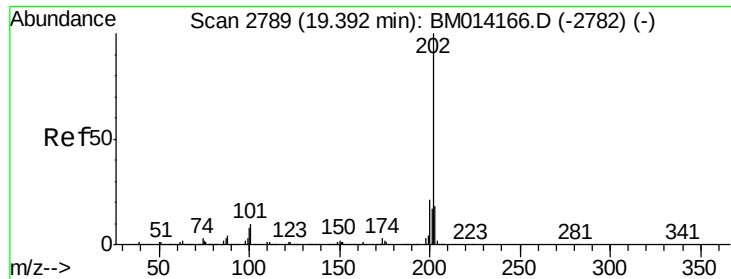


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

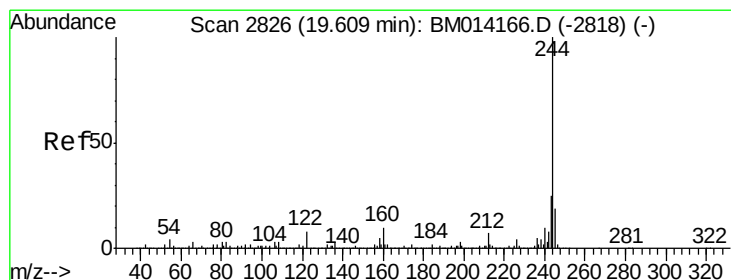
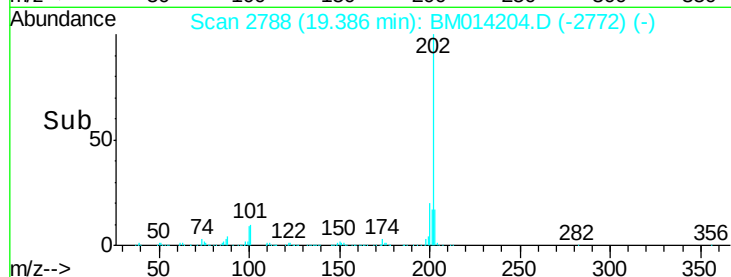
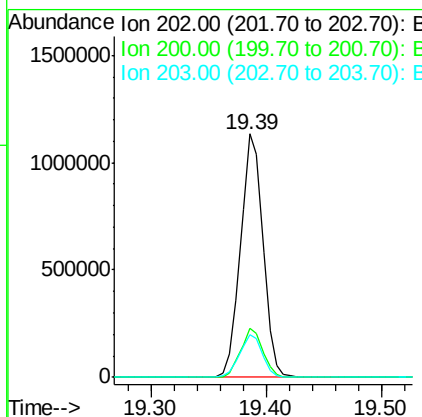
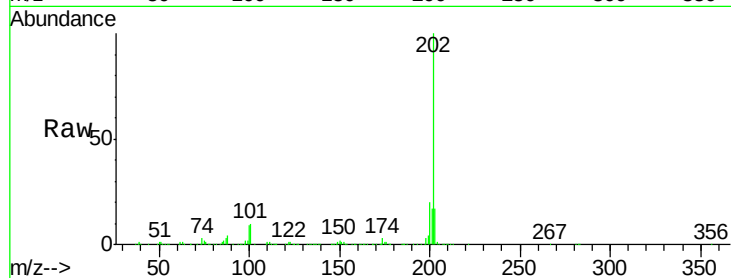




#77
Pvrene
Concen: 46.691 ng
RT: 19.39 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

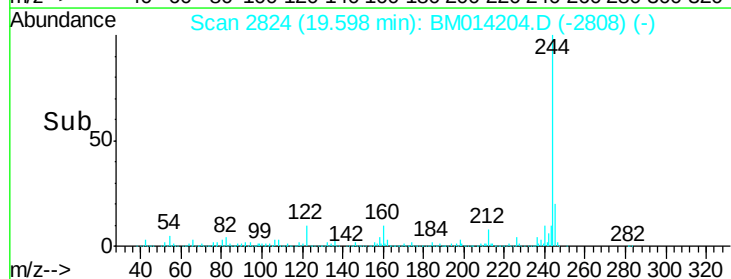
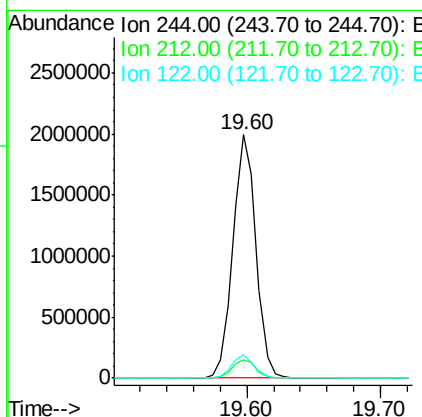
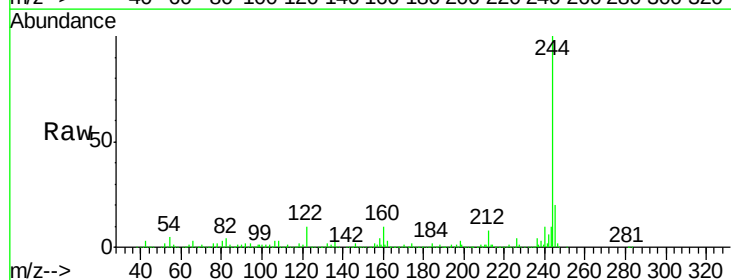
Instrument :
BNA_M
ClientSampleId :
PB106402BS

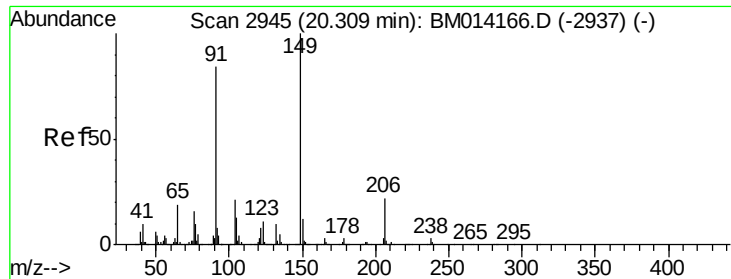
Tot Ion:202 Resp: 1528031
Ion Ratio Lower Upper
202 100
200 20.3 16.9 25.3
203 17.4 14.1 21.1



#78
Terphenyl-d14
Concen: 99.698 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

Tgt Ion:244 Resp: 2403603
Ion Ratio Lower Upper
244 100
212 7.6 4.9 7.3#
122 9.8 6.2 9.4#





#79

Butylbenzylphthalate

Concen: 39.082 ng

RT: 20.30 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

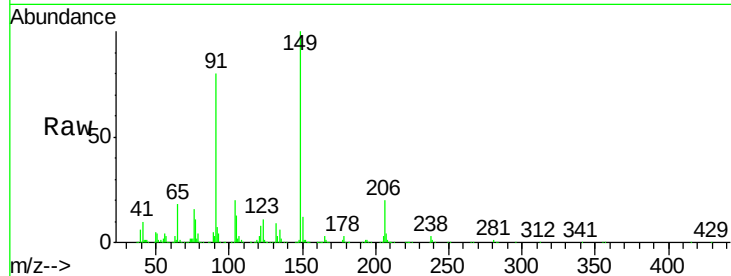
Tot Ion:149 Resp: 576009

Ion Ratio Lower Upper

149 100

91 79.8 50.1 75.1#

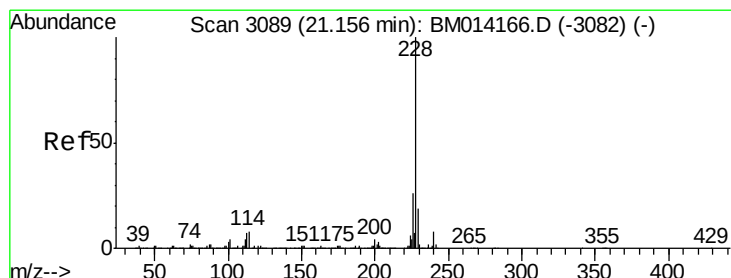
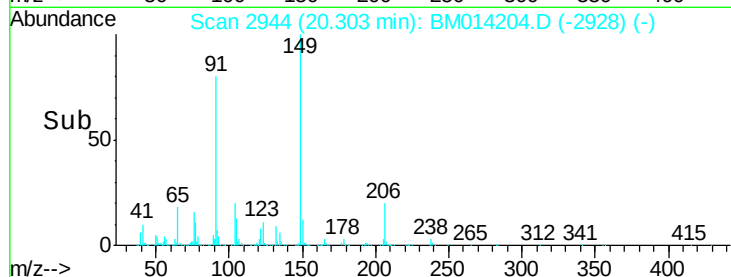
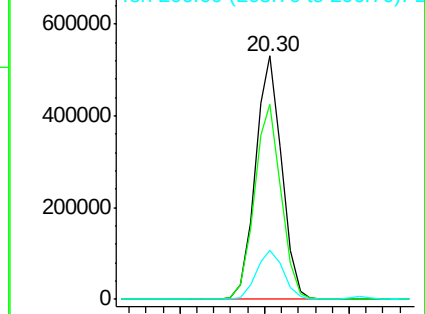
206 20.0 16.2 24.2



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



#80

Benzo(a)anthracene

Concen: 40.653 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

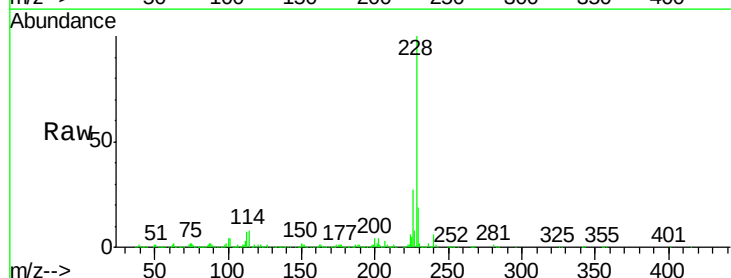
Tgt Ion:228 Resp: 1244389

Ion Ratio Lower Upper

228 100

226 26.6 21.7 32.5

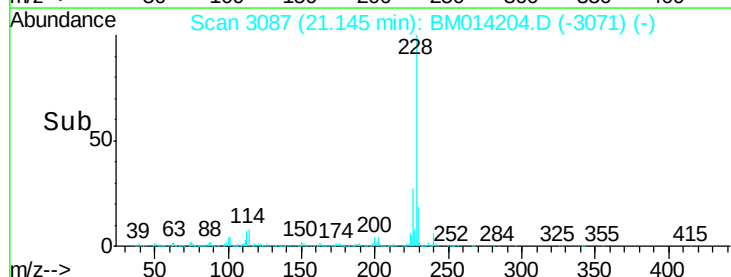
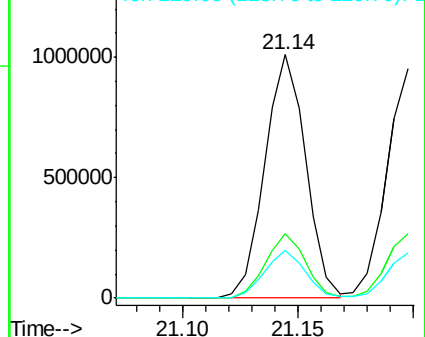
229 19.5 16.0 24.0

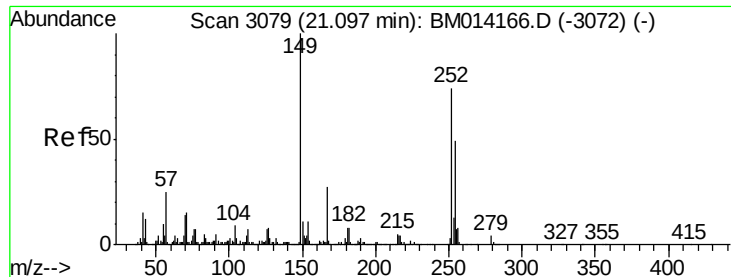


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

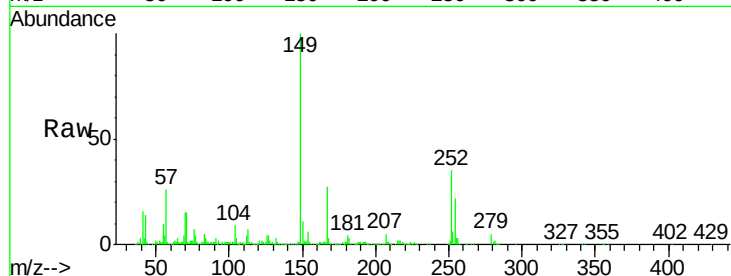




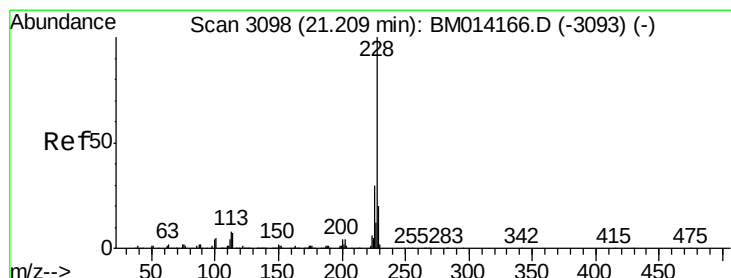
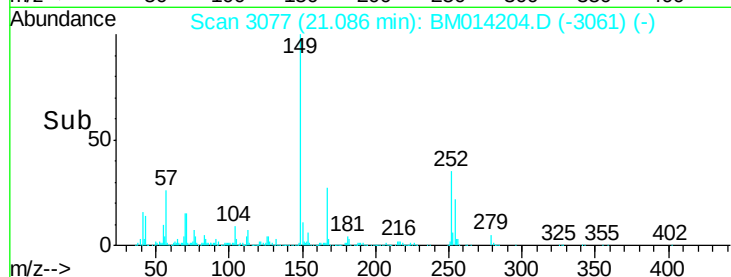
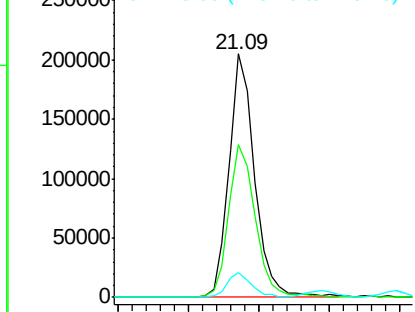
#81
 3,3'-Dichlorobenzidine
 Concen: 22.802 ng
 RT: 21.09 min Scan# 3077
 Delta R.T. -0.01 min
 Lab File: BM014204.D
 Acq: 08 Feb 2018 21:45

Instrument :
 BNA_M
 ClientSampleId :
 PB106402BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.9	77.9
126	10.2	9.8	14.8

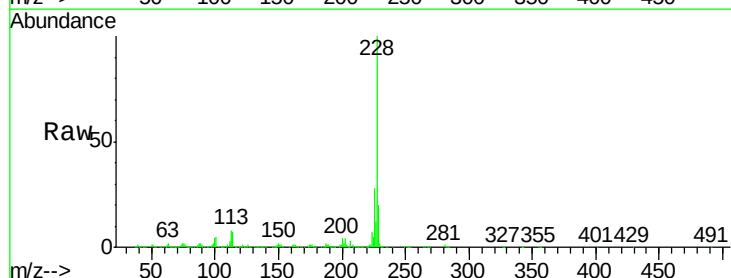


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

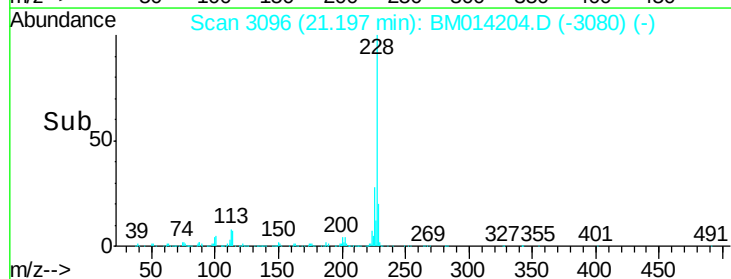
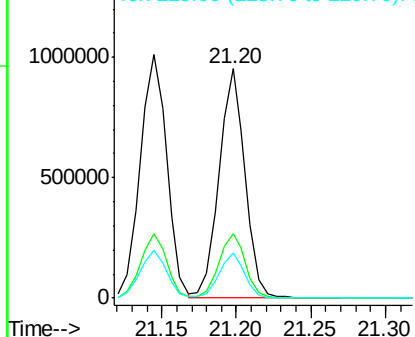


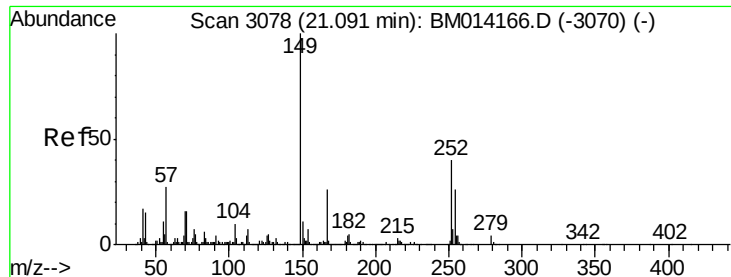
#82
 Chrysene
 Concen: 39.119 ng
 RT: 21.20 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM014204.D
 Acq: 08 Feb 2018 21:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.1	36.1
229	19.9	15.5	23.3



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.847 ng

RT: 21.08 min Scan# 3076

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

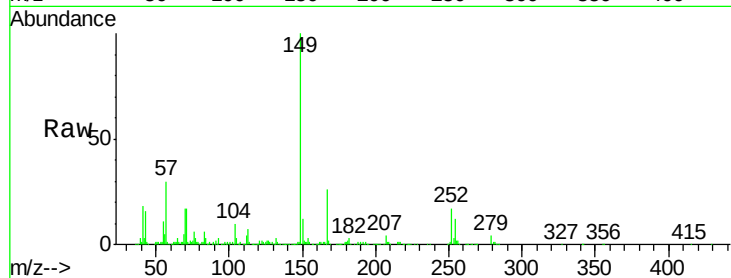
Tot Ion:149 Resp: 770630

Ion Ratio Lower Upper

149 100

167 26.1 22.4 33.6

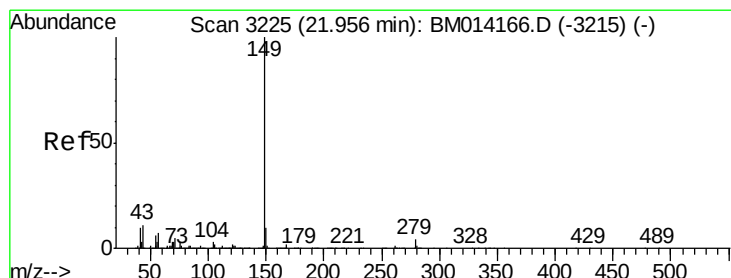
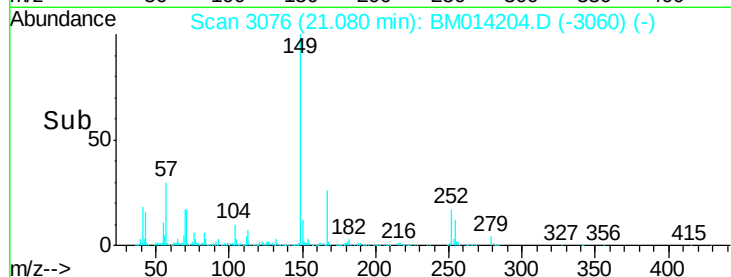
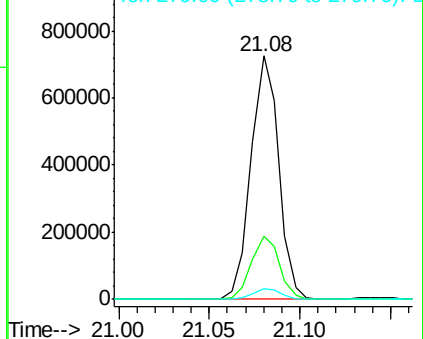
279 4.2 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.322 ng

RT: 21.94 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

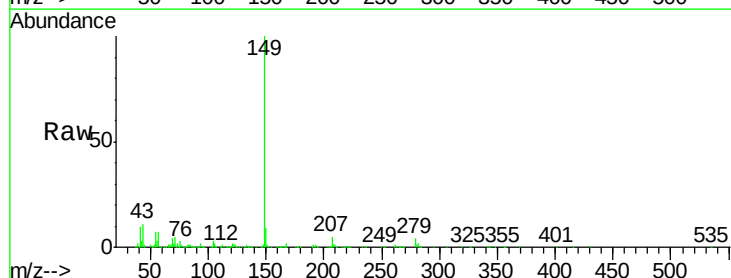
Tgt Ion:149 Resp: 1170282

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

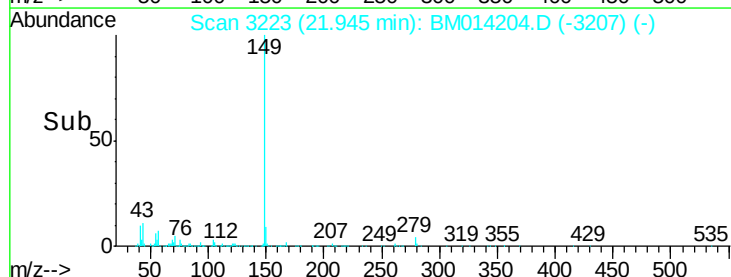
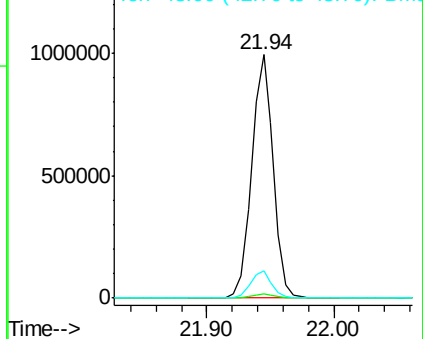
43 10.9 7.3 10.9#

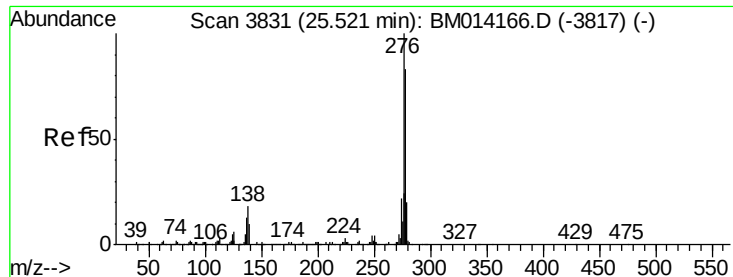


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

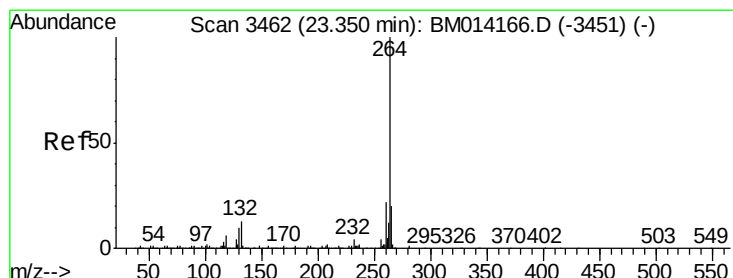
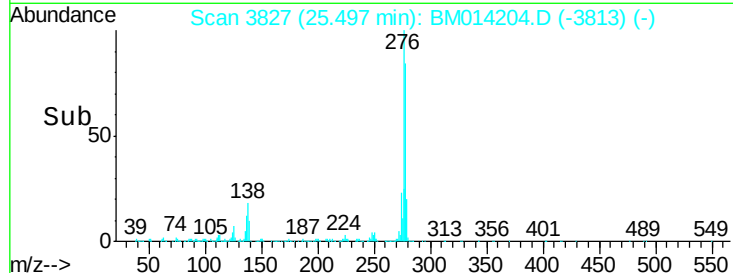
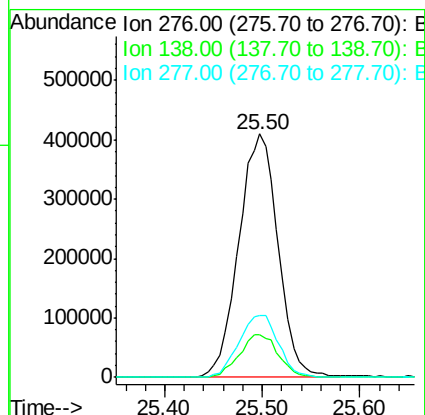
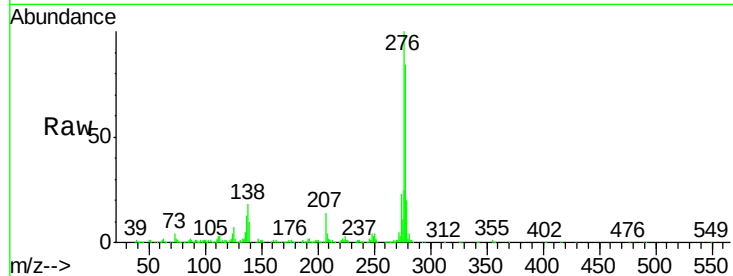




#85
Indeno(1,2,3-cd)pyrene
Concen: 49.338 ng
RT: 25.50 min Scan# 3827
Delta R.T. -0.02 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

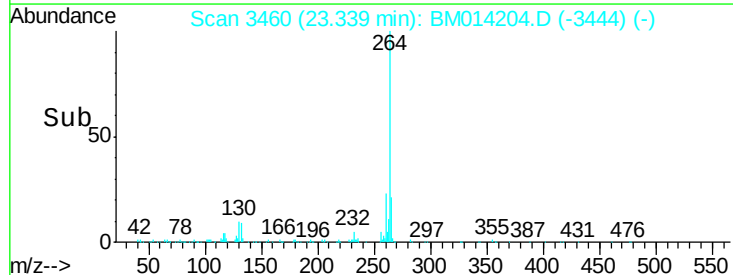
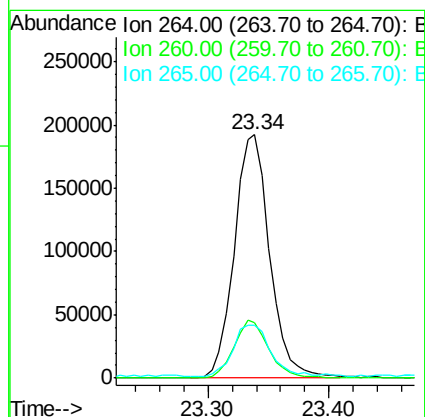
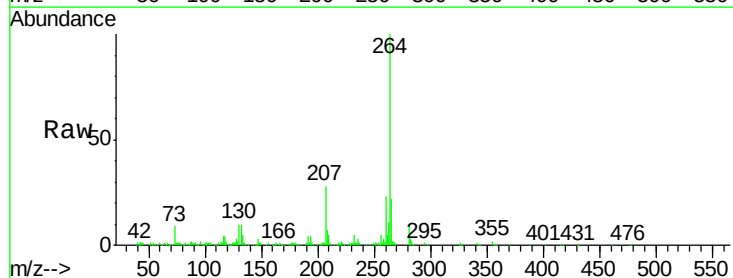
Instrument :
BNA_M
ClientSampleId :
PB106402BS

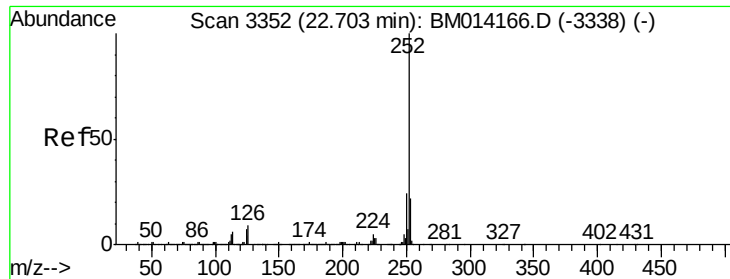
Tot Ion:276 Resp: 1151774
Ion Ratio Lower Upper
276 100
138 17.4 12.0 18.0
277 25.8 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM014204.D
Acq: 08 Feb 2018 21:45

Tgt Ion:264 Resp: 392513
Ion Ratio Lower Upper
264 100
260 22.7 18.6 27.8
265 21.6 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 39.759 ng

RT: 22.69 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

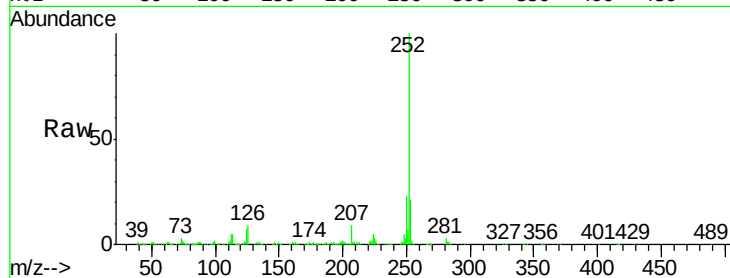
Tot Ion:252 Resp: 1082870

Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

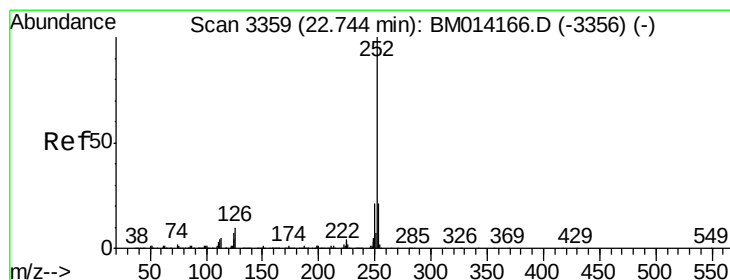
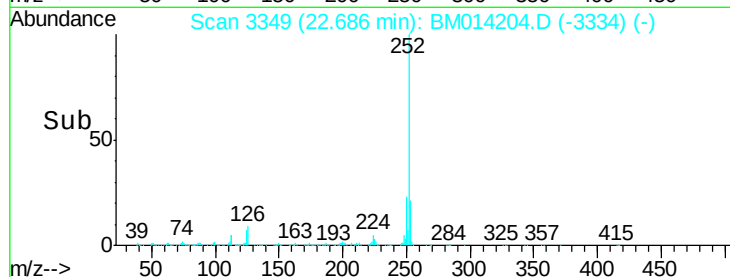
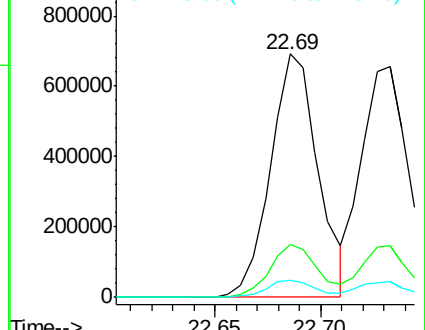
125 6.9 9.9 14.9#



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



#88

Benzo(k)fluoranthene

Concen: 39.748 ng

RT: 22.73 min Scan# 3357

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

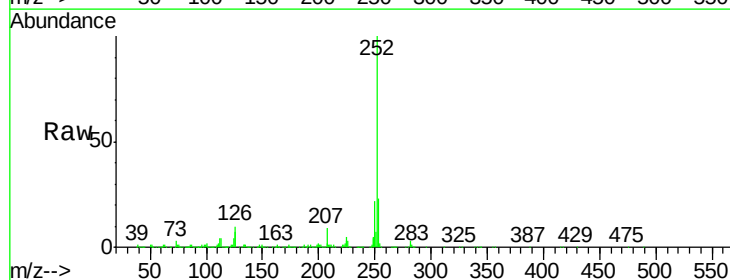
Tgt Ion:252 Resp: 1029131

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

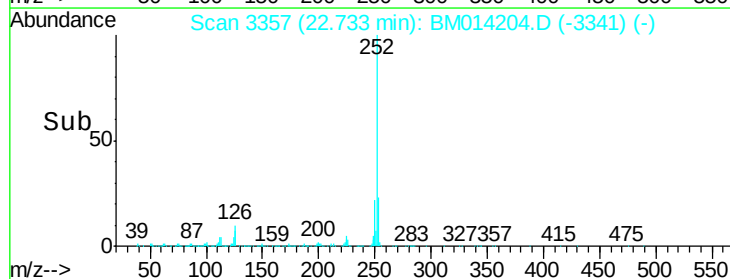
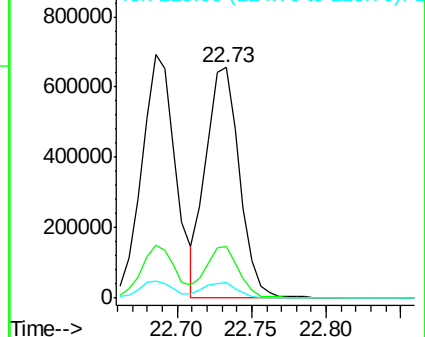
125 6.7 8.1 12.1#

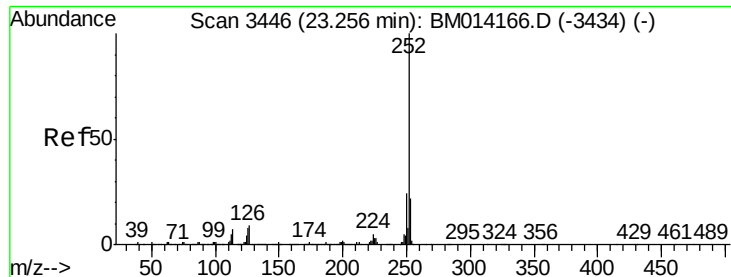


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.809 ng

RT: 23.24 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

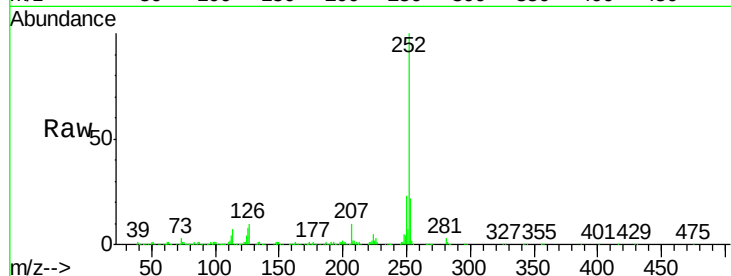
Tot Ion:252 Resp: 1003476

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

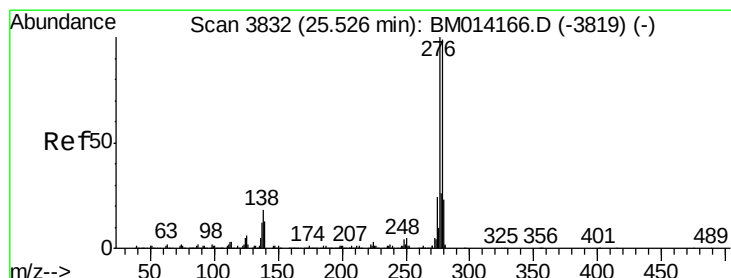
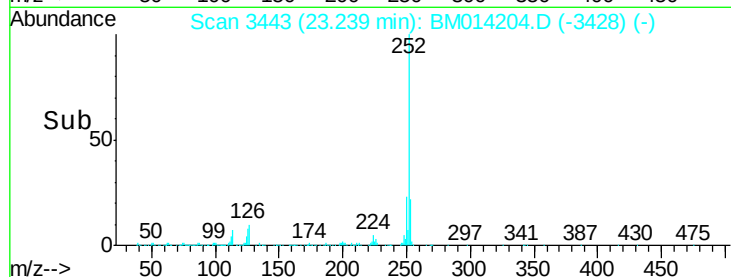
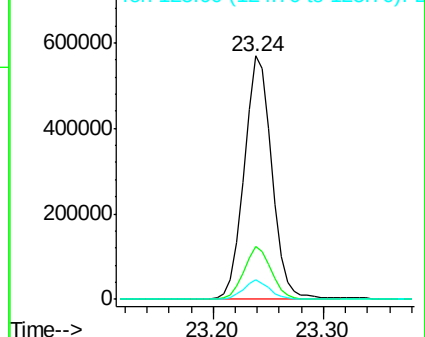
125 8.0 7.4 11.2



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



#90

Dibenzo(a,h)anthracene

Concen: 49.454 ng

RT: 25.50 min Scan# 3828

Delta R.T. -0.02 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

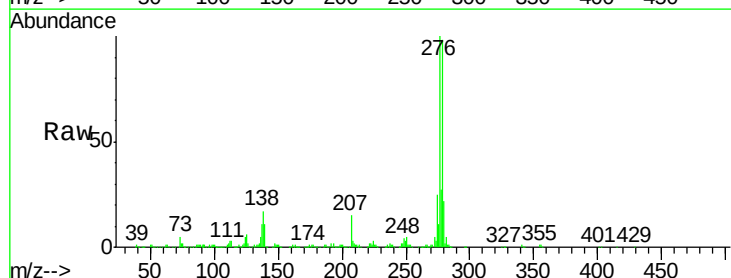
Tgt Ion:278 Resp: 970005

Ion Ratio Lower Upper

278 100

139 11.1 13.4 20.0#

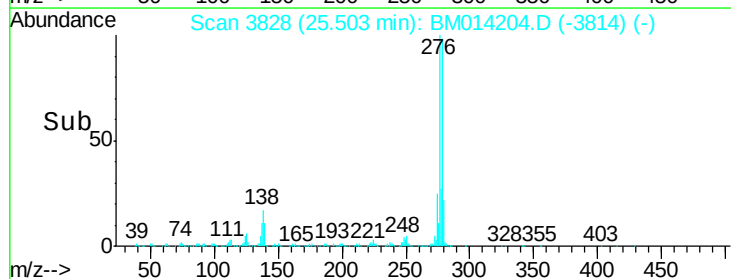
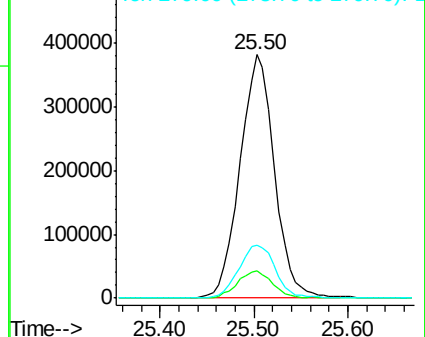
279 21.9 19.0 28.4

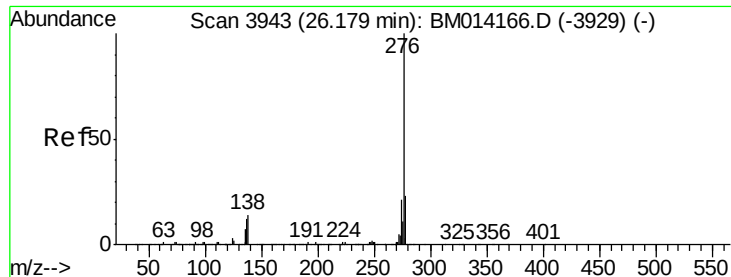


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 53.213 ng

RT: 26.16 min Scan# 3939

Delta R.T. -0.02 min

Lab File: BM014204.D

Acq: 08 Feb 2018 21:45

Instrument :

BNA_M

ClientSampleId :

PB106402BS

Tot Ion:276 Resp: 975851

Ion Ratio Lower Upper

276 100

277 23.3 18.5 27.7

138 13.9 19.0 28.6#

