

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
 Data File : BM014188.D
 Acq On : 08 Feb 2018 11:26
 Operator : SJ/JU
 Sample : J1161-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 08 16:19:54 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	7.55	152	67172	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	323750	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	219474	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	566724	20.00	ng	0.00
75) Chrysene-d12	21.16	240	652897	20.00	ng	0.00
86) Perylene-d12	23.34	264	580271	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	566001	146.87	ng	0.00
7) Phenol-d6	6.73	99	776855	142.33	ng	0.00
23) Nitrobenzene-d5	8.70	82	751517	103.69	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	444840	142.84	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1788973	101.75	ng	0.00
78) Terphenyl-d14	19.60	244	3282114	98.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	14405	9.096	ng	# 100
3) Pyridine	3.54	79	30625	6.983	ng	# 82
4) n-Nitrosodimethylamine	3.46	42	20975	7.508	ng	# 47
6) Aniline	6.89	93	53255	7.653	ng	98
8) 2-Chlorophenol	7.11	128	35292	8.057	ng	92
9) Benzaldehyde	6.72	77	23479	5.977	ng	# 70
10) Phenol	6.76	94	41429	7.689	ng	94
11) bis(2-Chloroethyl)ether	6.99	93	34665	8.139	ng	93
12) 1,3-Dichlorobenzene	7.43	146	41131	7.513	ng	# 81
13) 1,4-Dichlorobenzene	7.57	146	44996	8.181	ng	# 94
14) 1,2-Dichlorobenzene	7.89	146	42402	7.660	ng	96
15) Benzyl Alcohol	7.80	79	31235	6.176	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.07	45	35988	8.307	ng	78
17) 2-Methylphenol	7.99	107	28397	6.886	ng	# 79
18) Hexachloroethane	8.60	117	18912	7.955	ng	# 82
19) n-Nitroso-di-n-propylamine	8.35	70	35974	7.651	ng	93
20) 3+4-Methylphenols	8.33	107	39296	6.579	ng	# 83
22) Acetophenone	8.37	105	66737	7.169	ng	# 88
24) Nitrobenzene	8.74	77	56910	7.626	ng	# 89
25) Isophorone	9.26	82	90292	7.520	ng	# 94
26) 2-Nitrophenol	9.46	139	17618	6.258	ng	# 29
27) 2,4-Dimethylphenol	9.52	122	28955	6.748	ng	# 69
28) bis(2-Chloroethoxy)methane	9.75	93	44769	7.270	ng	99
29) 2,4-Dichlorophenol	10.00	162	29800	6.216	ng	90
30) 1,2,4-Trichlorobenzene	10.18	180	41911	6.631	ng	86
31) Naphthalene	10.36	128	131685	7.429	ng	98
32) Benzoic acid	9.64	122	4850	7.329	ng	93
33) 4-Chloroaniline	10.51	127	44561	6.047	ng	# 83
34) Hexachlorobutadiene	10.64	225	31842	7.344	ng	91
35) Caprolactam	11.29	113	5608	3.271	ng	89
36) 4-Chloro-3-methylphenol	11.64	107	37351	6.288	ng	87
37) 2-Methylnaphthalene	11.99	142	92373	6.919	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	56735	7.378	ng	# 100
40) Hexachlorocyclopentadiene	12.33	237	18411	9.941	ng	94

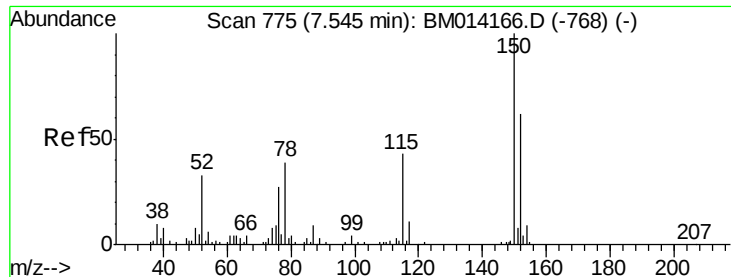
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
 Data File : BM014188.D
 Acq On : 08 Feb 2018 11:26
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.63	196	29819	6.600	nq	97
43) 2,4,5-Trichlorophenol	12.72	196	28529	5.720	nq #	86
45) 1,1'-Biphenyl	13.02	154	146367	7.699	nq	99
46) 2-Chloronaphthalene	13.06	162	108057	7.488	nq	93
47) 2-Nitroaniline	13.30	65	37457	7.053	nq #	66
48) Acenaphthylene	13.92	152	170296	7.196	nq	98
49) Dimethylphthalate	13.67	163	150284	7.649	nq	99
50) 2,6-Dinitrotoluene	13.80	165	29425	7.298	nq #	59
51) Acenaphthene	14.26	154	110290	7.561	nq	95
52) 3-Nitroaniline	14.14	138	22596	5.418	nq #	72
53) 2,4-Dinitrophenol	14.39	184	6394	10.190	nq	89
54) Dibenzofuran	14.60	168	172844	7.583	nq #	82
55) 4-Nitrophenol	14.49	139	5993	7.474	nq	88
56) 2,4-Dinitrotoluene	14.60	165	40587	6.523	nq #	66
57) Fluorene	15.26	166	147127	7.337	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.84	232	34135	6.946	nq #	100
59) Diethylphthalate	15.04	149	166295	7.625	nq #	91
60) 4-Chlorophenyl-phenylether	15.26	204	78639	7.544	nq	95
61) 4-Nitroaniline	15.32	138	21533	5.160	nq #	1
62) Azobenzene	15.55	77	180601	7.973	nq	80
64) 4,6-Dinitro-2-methylphenol	15.38	198	19925	10.106	nq #	72
65) n-Nitrosodiphenylamine	15.47	169	127856	7.146	nq	100
66) 4-Bromophenyl-phenylether	16.15	248	47532	7.156	nq #	80
67) Hexachlorobenzene	16.26	284	52075	7.141	nq #	65
68) Atrazine	16.43	200	36394	5.423	nq	99
69) Pentachlorophenol	16.63	266	23013	10.202	nq	93
70) Phenanthrene	17.00	178	251886	7.368	nq	98
71) Anthracene	17.09	178	244646	7.344	nq	97
72) Carbazole	17.38	167	205283	6.556	nq	99
73) Di-n-butylphthalate	17.93	149	274024	6.838	nq #	96
74) Fluoranthene	19.03	202	293062	7.281	nq	97
76) Benzidine	19.23	184	54520	2.804	nq #	94
77) Pyrene	19.39	202	314486	6.933	nq	99
79) Butylbenzylphthalate	20.30	149	122825	6.013	nq #	79
80) Benzo(a)anthracene	21.14	228	310740	7.325	nq	97
81) 3,3'-Dichlorobenzidine	21.09	252	92185	5.814	nq	97
82) Chrysene	21.20	228	298142	7.245	nq	97
83) Bis(2-ethylhexyl)phthalate	21.08	149	174116	5.844	nq	93
84) Di-n-octyl phthalate	21.94	149	264043	6.401	nq #	94
85) Indeno(1,2,3-cd)pyrene	25.51	276	249300	7.705	nq	98
87) Benzo(b)fluoranthene	22.69	252	276784	6.874	nq #	94
88) Benzo(k)fluoranthene	22.74	252	277580	7.252	nq #	96
89) Benzo(a)pyrene	23.24	252	250539	7.061	nq #	95
90) Dibenzo(a,h)anthracene	25.51	278	210791	7.269	nq #	88
91) Benzo(g,h,i)perylene	26.17	276	195143	7.198	nq #	88

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

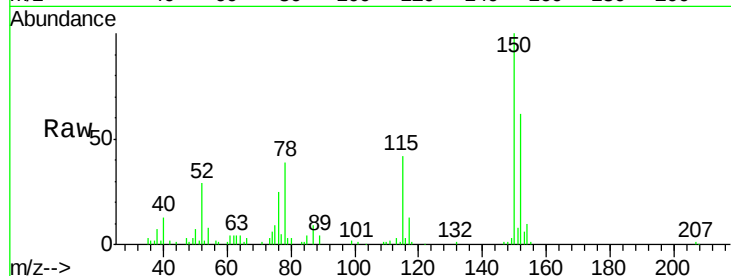


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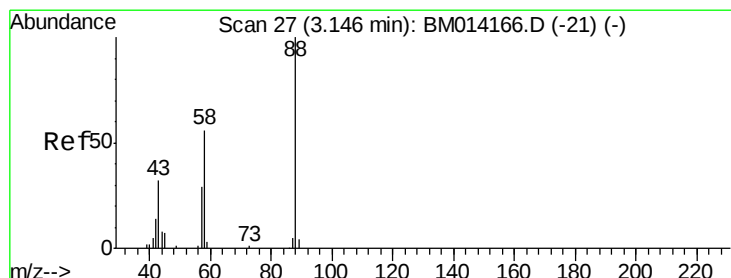
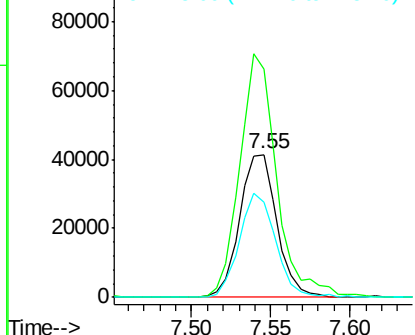
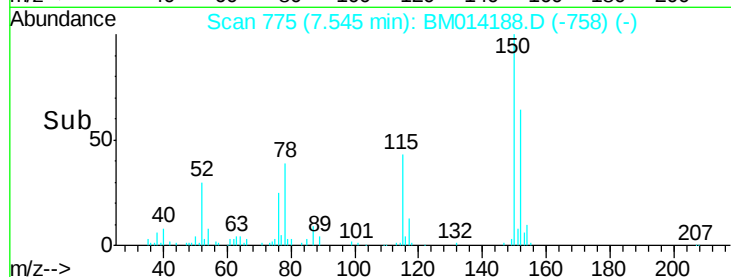
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 67172
Ion Ratio Lower Upper
152 100
150 160.1 119.5 179.3
115 67.0 43.0 64.4#



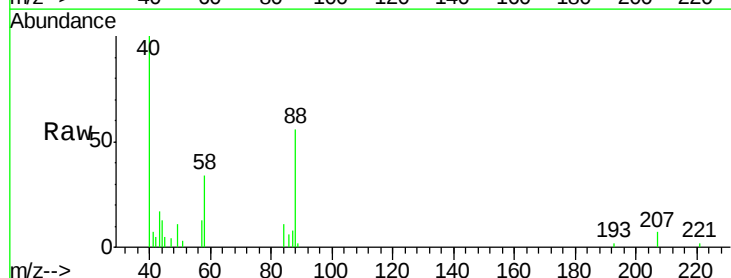
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



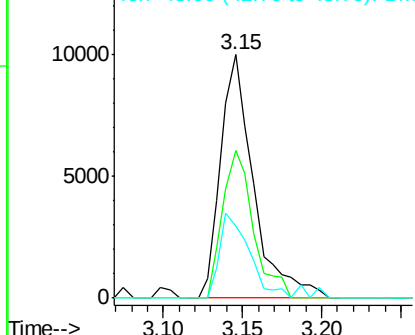
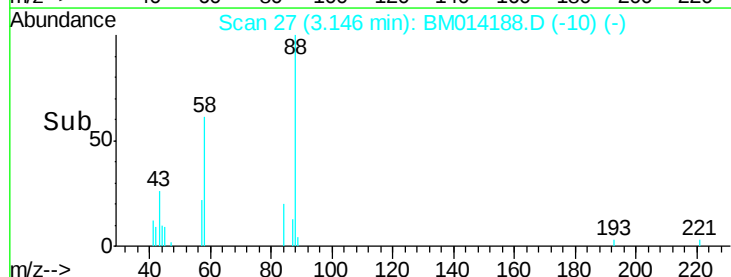
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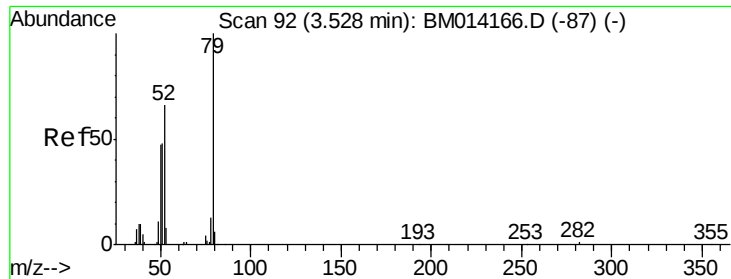
1,4-Dioxane
Concen: 9.096 ng
RT: 3.15 min Scan# 27
Delta R.T. 0.00 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion: 88 Resp: 14405
Ion Ratio Lower Upper
88 100
58 56.9 0.0 0.0#
43 31.2 0.0 0.0#



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

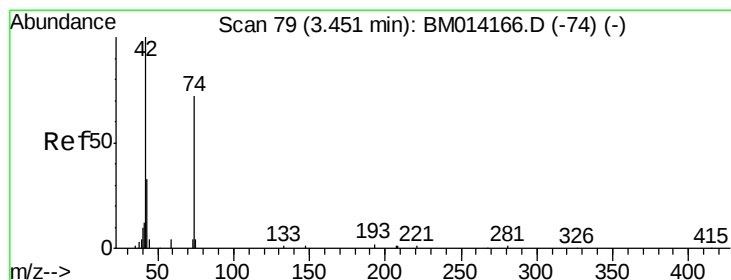
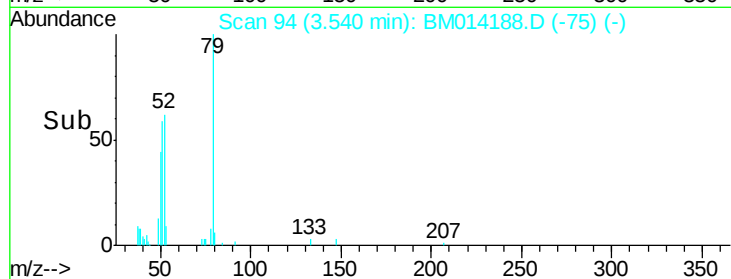
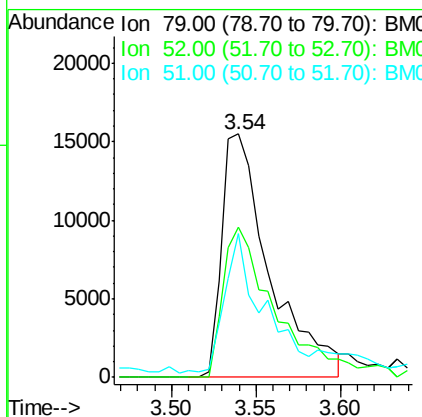
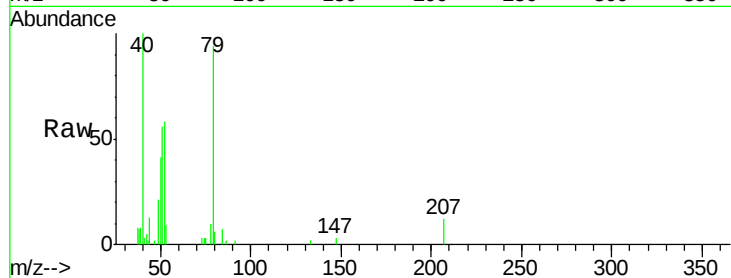




#3
 Pvridine
 Concen: 6.983 ng
 RT: 3.54 min Scan# 94
 Delta R.T. 0.01 min
 Lab File: BM014188.D
 Acq: 08 Feb 2018 11:26

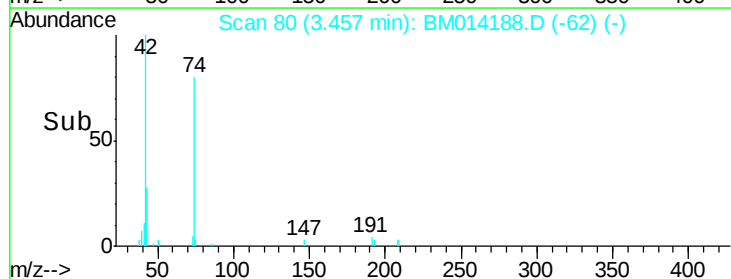
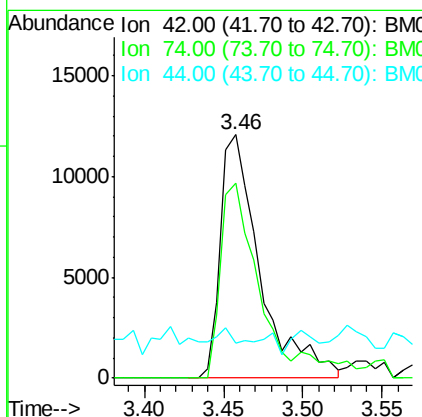
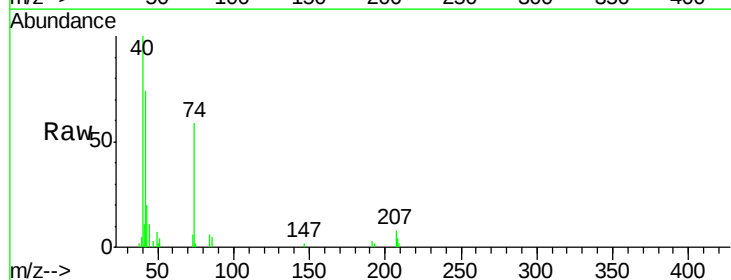
Instrument :
 BNA_M
 ClientSampleId :

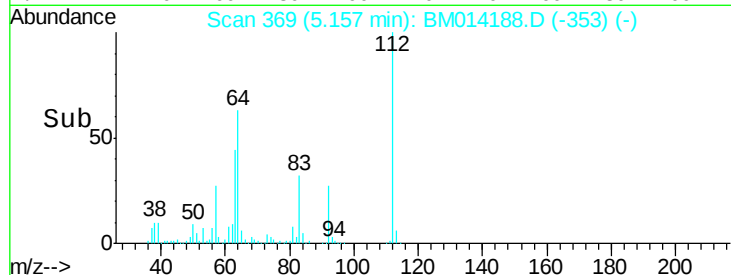
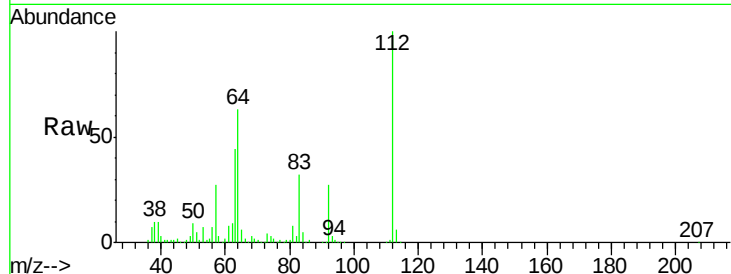
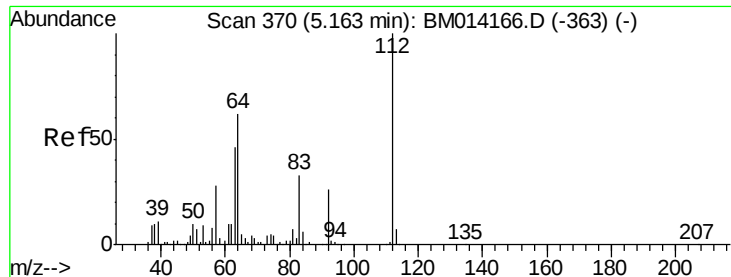
Tot Ion	Ratio	Lower	Upper
79	100		
52	61.6	51.1	76.7
51	59.2	26.1	39.1#



#4
 n-Nitrosodimethylamine
 Concen: 7.508 ng
 RT: 3.46 min Scan# 80
 Delta R.T. 0.01 min
 Lab File: BM014188.D
 Acq: 08 Feb 2018 11:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	80.1	119.3	178.9#
44	14.2	5.4	8.2#





#5

2-Fluorophenol

Concen: 146.866 ng

RT: 5.16 min Scan# 369

Delta R.T. -0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Instrument :

BNA_M

ClientSampleId :

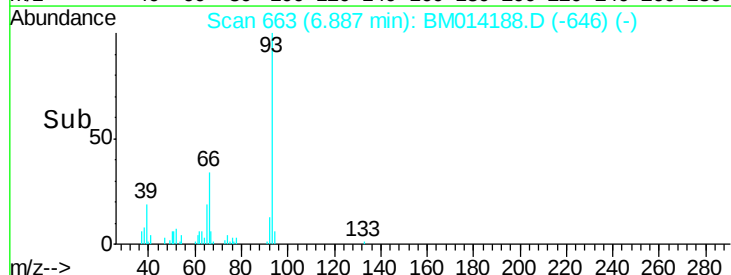
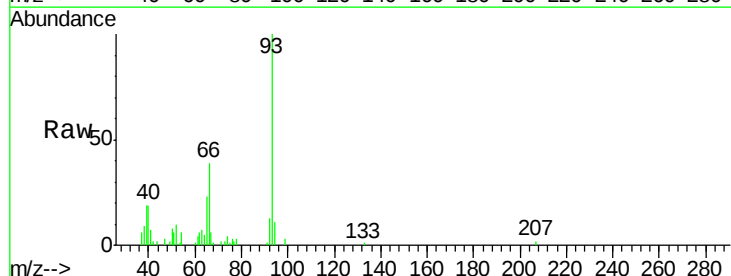
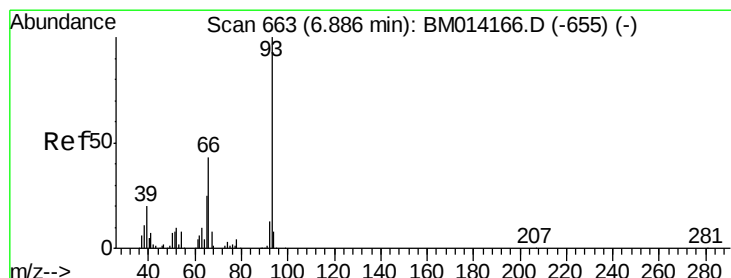
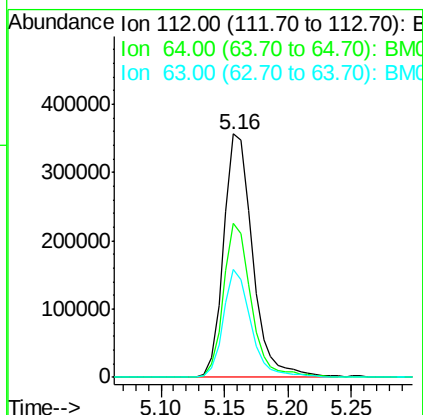
Tot Ion:112 Resp: 566001

Ion Ratio Lower Upper

112 100

64 63.1 38.6 57.8#

63 44.2 19.3 28.9#



#6

Aniline

Concen: 7.653 ng

RT: 6.89 min Scan# 663

Delta R.T. -0.00 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

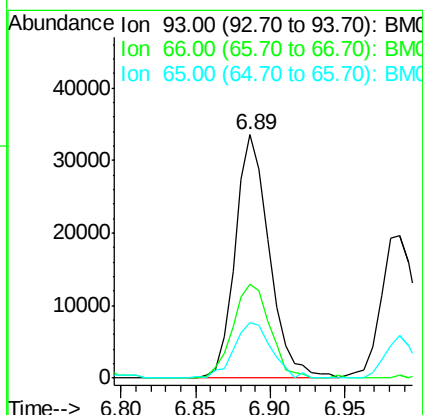
Tgt Ion: 93 Resp: 53255

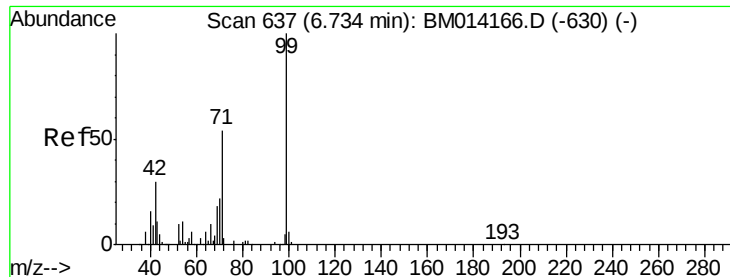
Ion Ratio Lower Upper

93 100

66 38.6 30.8 46.2

65 22.6 16.0 24.0





#7

Phenol-d6

Concen: 142.330 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Instrument :

BNA_M

ClientSampleId :

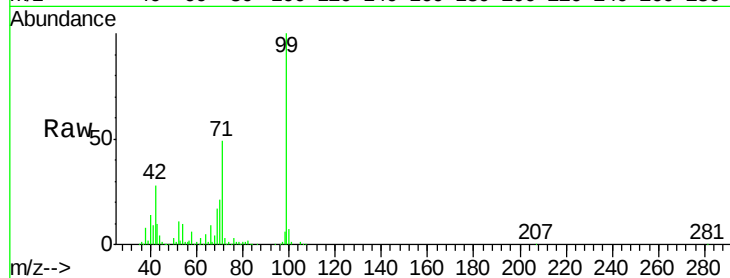
Tot Ion: 99 Resp: 776855

Ion Ratio Lower Upper

99 100

42 27.6 11.0 16.4#

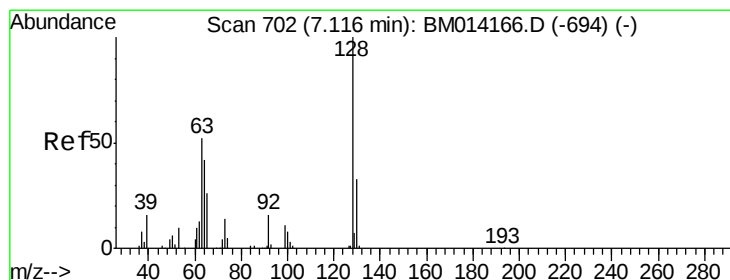
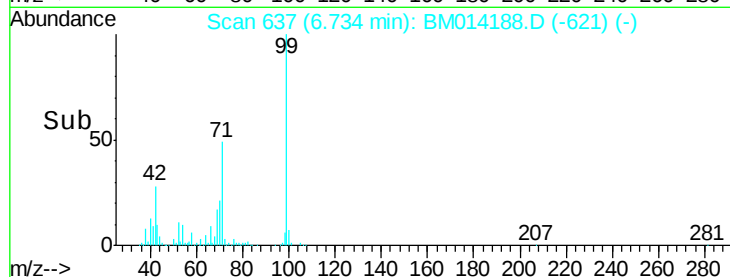
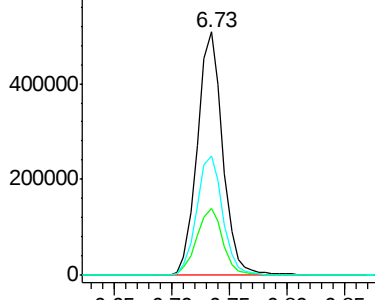
71 49.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014166.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM014166.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM014166.D (-630) (-)



#8

2-Chlorophenol

Concen: 8.057 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

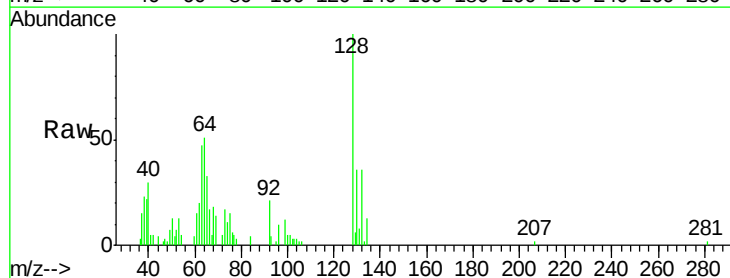
Tgt Ion: 128 Resp: 35292

Ion Ratio Lower Upper

128 100

130 36.0 12.0 52.0

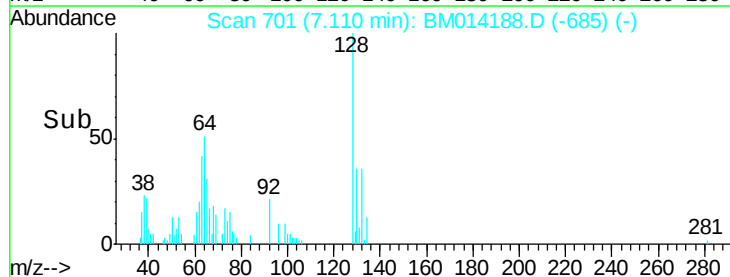
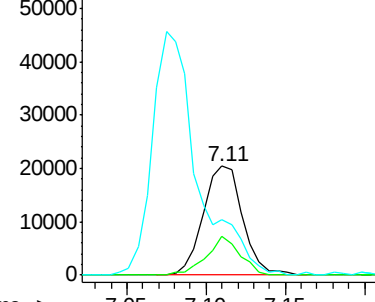
64 51.0 24.9 64.9

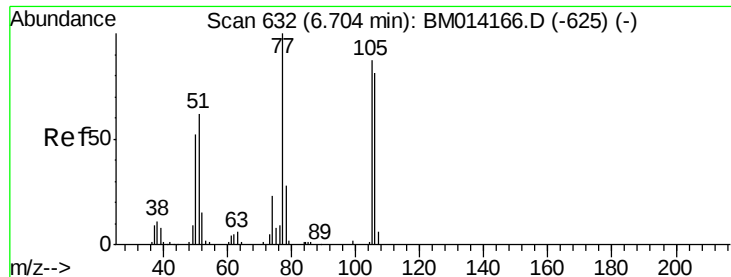


Abundance Ion 128.00 (127.70 to 128.70): BM014166.D (-694) (-)

Ion 130.00 (129.70 to 130.70): BM014166.D (-694) (-)

Ion 64.00 (63.70 to 64.70): BM014166.D (-694) (-)

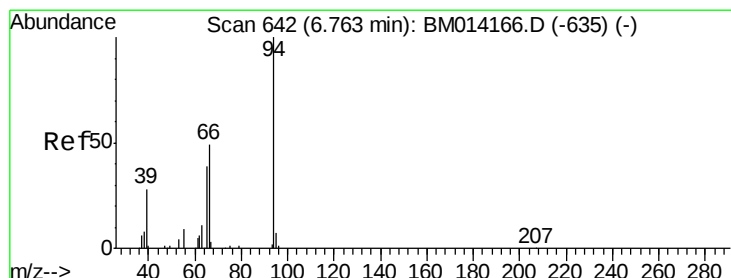
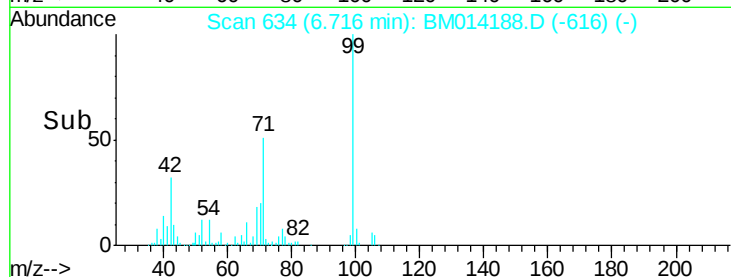
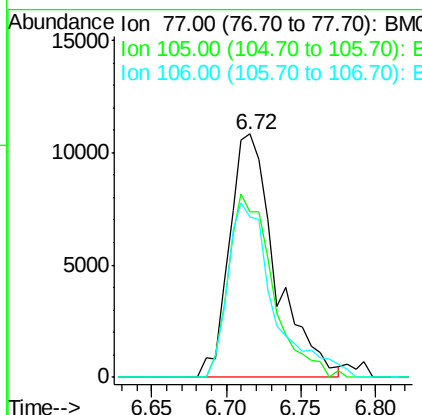
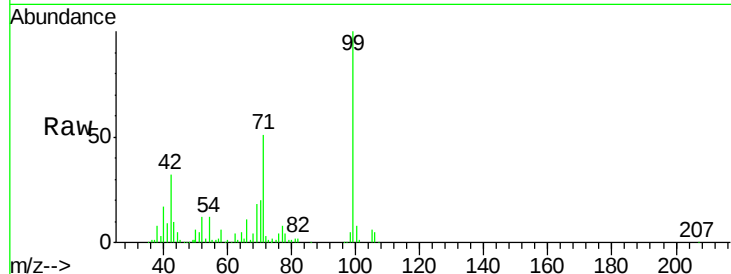




#9
Benzaldehyde
Concen: 5.977 ng
RT: 6.72 min Scan# 634
Delta R.T. 0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

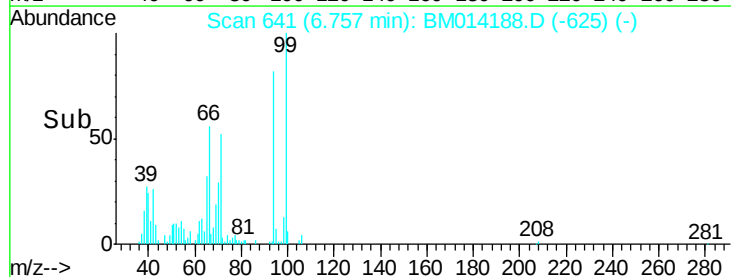
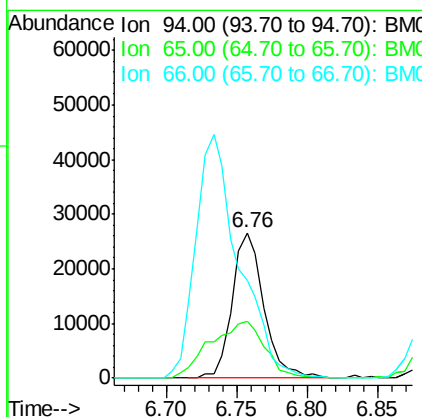
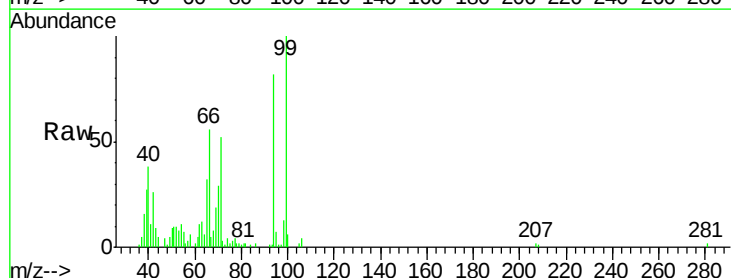
Instrument :
BNA_M
ClientSampleId :

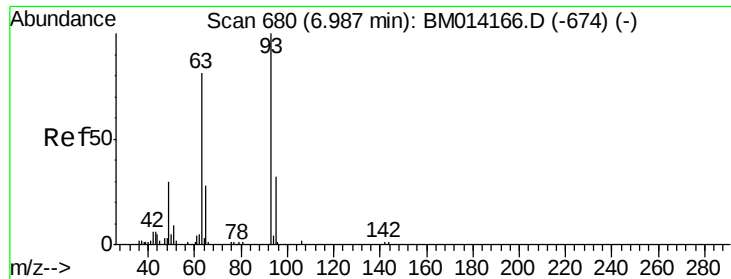
Tot Ion: 77 Resp: 23479
Ion Ratio Lower Upper
77 100
105 67.9 78.8 118.8#
106 65.7 73.7 113.7#



#10
Phenol
Concen: 7.689 ng
RT: 6.76 min Scan# 641
Delta R.T. -0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion: 94 Resp: 41429
Ion Ratio Lower Upper
94 100
65 39.4 18.8 58.8
66 67.5 39.9 79.9

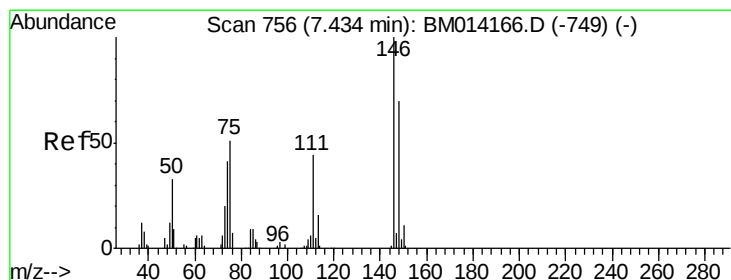
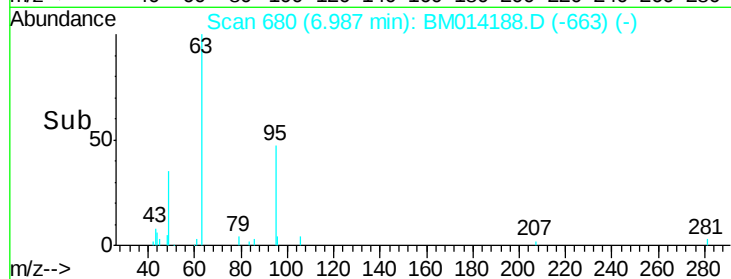
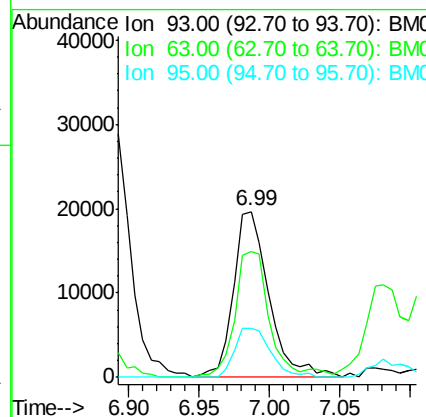
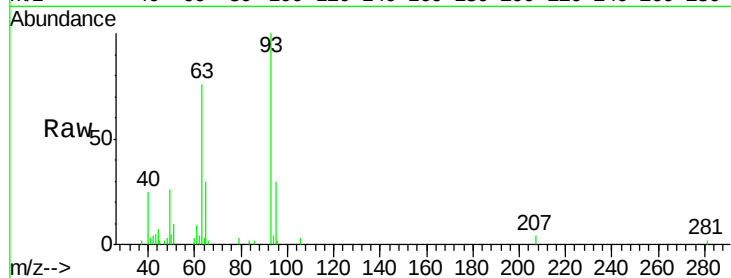




#11
bis(2-Chloroethyl)ether
Concen: 8.139 ng
RT: 6.99 min Scan# 680
Delta R.T. -0.00 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

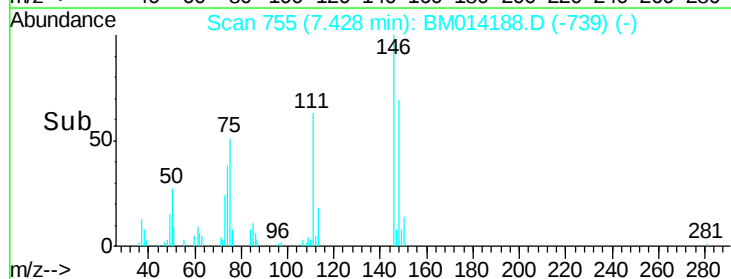
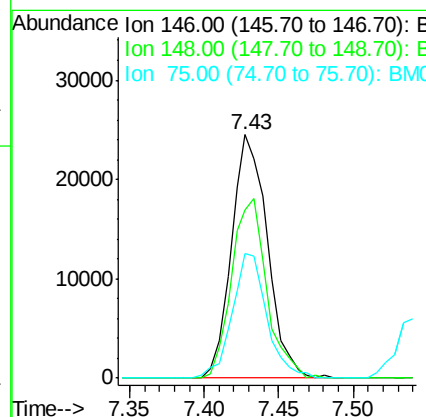
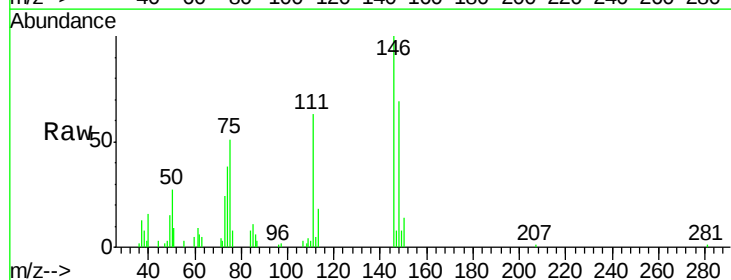
Instrument :
BNA_M
ClientSampleId :

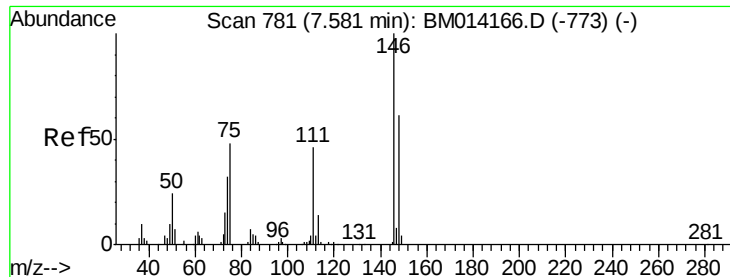
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.6	49.5	89.5
95	29.6	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 7.513 ng
RT: 7.43 min Scan# 756
Delta R.T. -0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.1	50.9	76.3
75	51.3	21.4	32.2

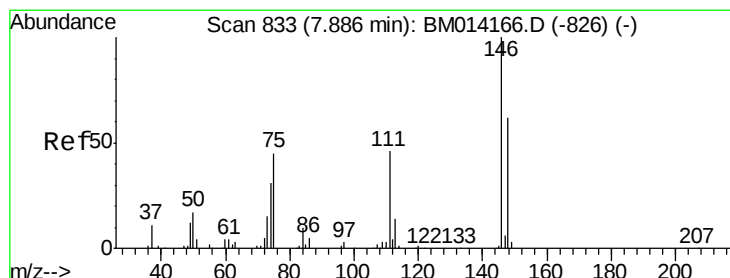
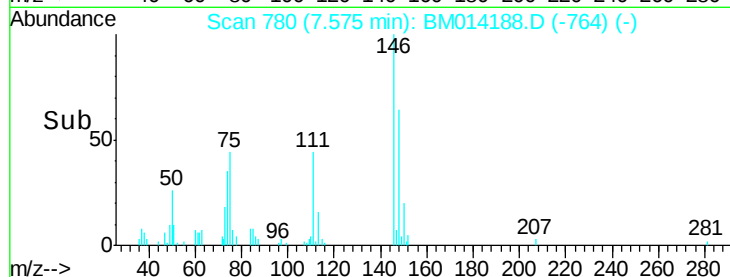
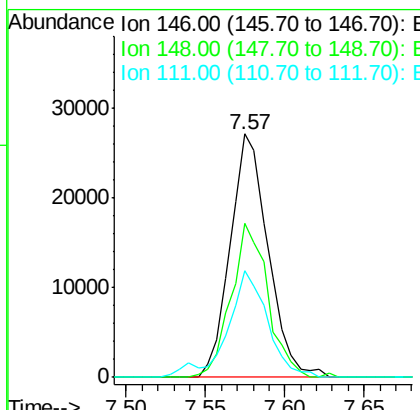
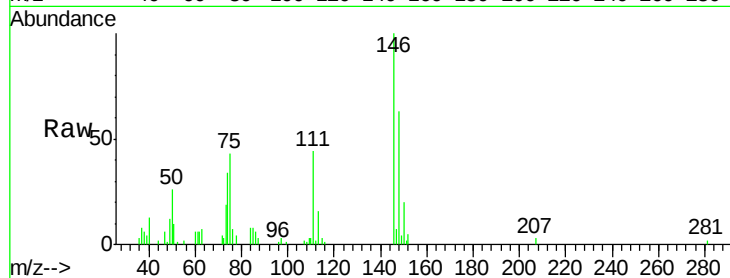




#13
 1,4-Dichlorobenzene
 Concen: 8.181 ng
 RT: 7.57 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BM014188.D
 Acq: 08 Feb 2018 11:26

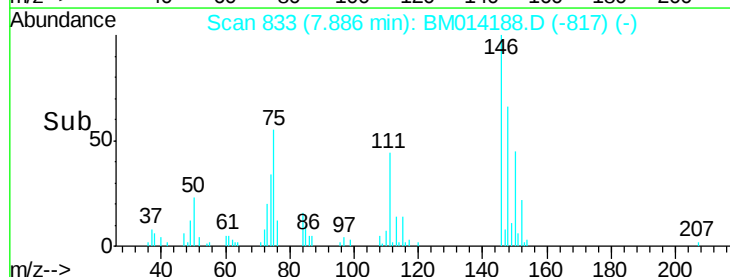
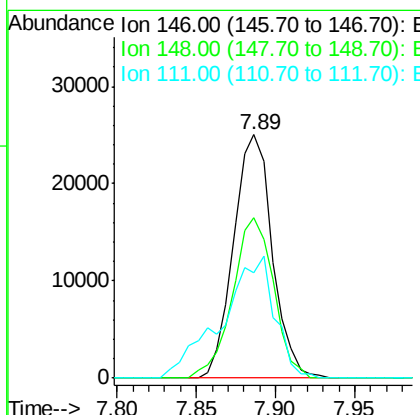
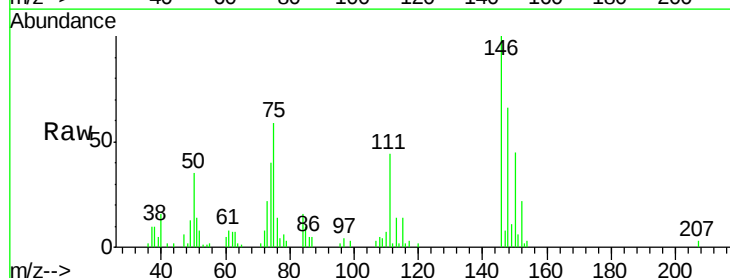
Instrument :
 BNA_M
 ClientSampleId :

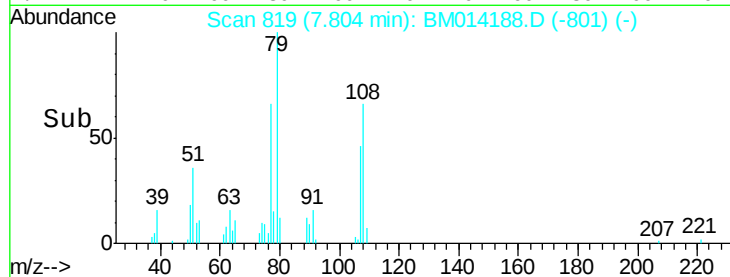
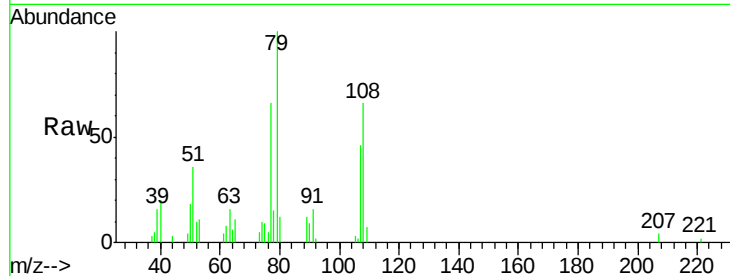
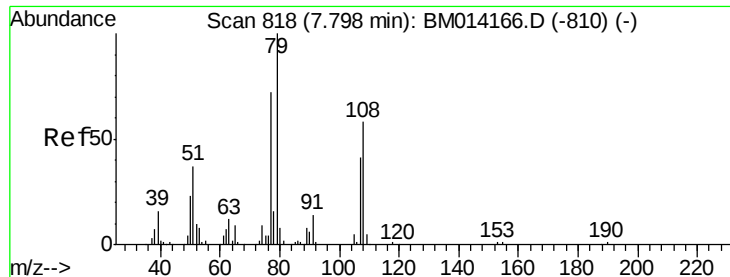
Tot Ion:146 Resp: 44996
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.9 77.9
 111 43.9 29.2 43.8#



#14
 1,2-Dichlorobenzene
 Concen: 7.660 ng
 RT: 7.89 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BM014188.D
 Acq: 08 Feb 2018 11:26

Tgt Ion:146 Resp: 42402
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.3 78.5
 111 43.5 30.6 45.8





#15

Benzyl Alcohol

Concen: 6.176 ng

RT: 7.80 min Scan# 819

Delta R.T. 0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Instrument :

BNA_M

ClientSampleId :

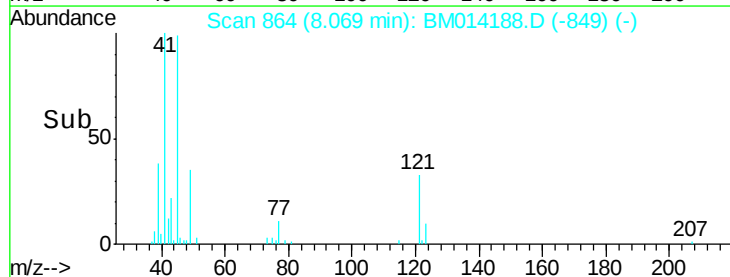
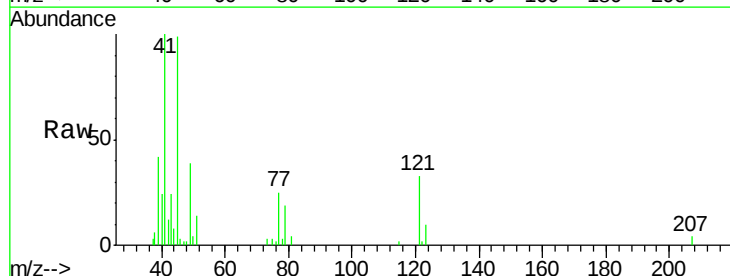
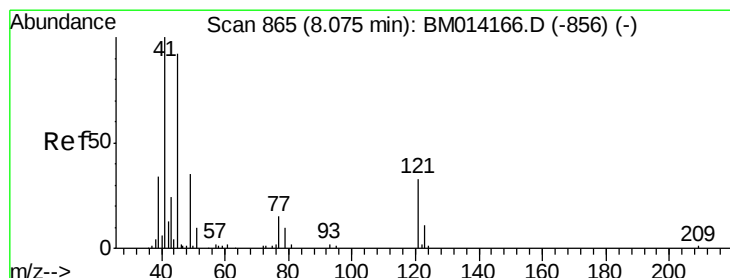
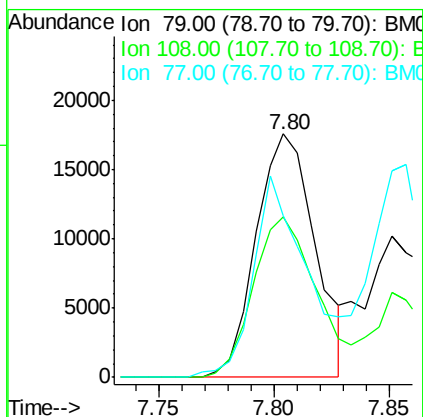
Tot Ion: 79 Resp: 31235

Ion Ratio Lower Upper

79 100

108 66.1 65.0 97.4

77 66.4 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.307 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

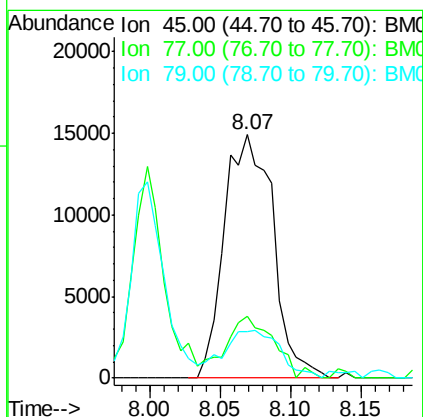
Tgt Ion: 45 Resp: 35988

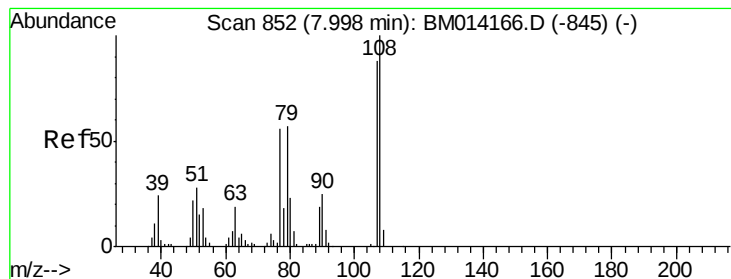
Ion Ratio Lower Upper

45 100

77 25.5 0.0 35.2

79 19.2 0.0 32.0





#17

2-Methylphenol

Concen: 6.886 ng

RT: 7.99 min Scan# 851

Delta R.T. -0.01 min

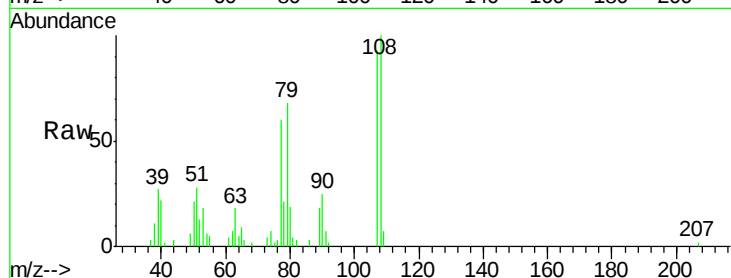
Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

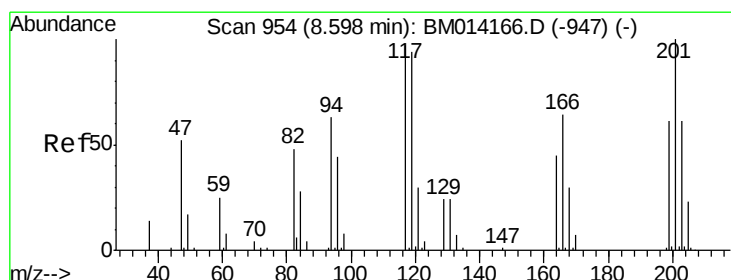
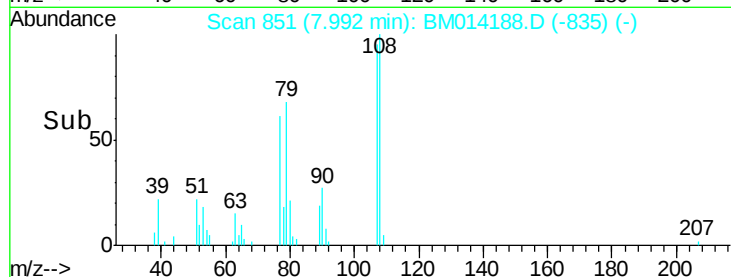
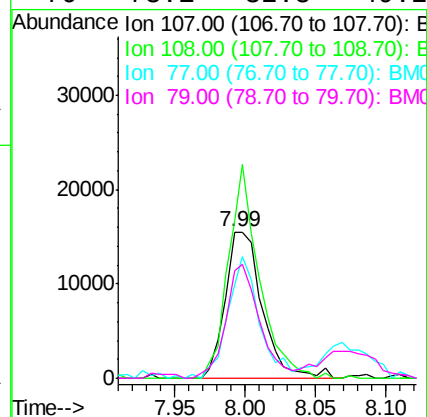
Instrument :

BNA_M

ClientSampled :



Tot Ion:	107	Resp:	28397
Ion	Ratio	Lower	Upper
107	100		
108	107.5	89.8	134.8
77	64.2	32.6	48.8#
79	73.1	32.8	49.2#



#18

Hexachloroethane

Concen: 7.955 ng

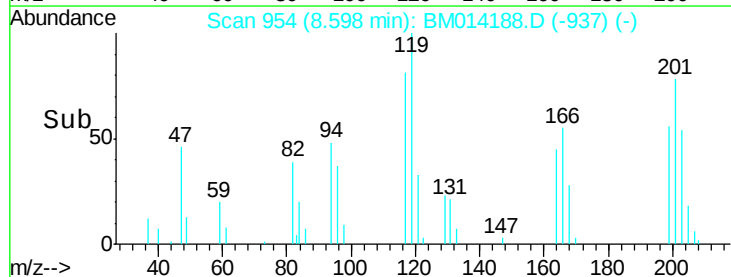
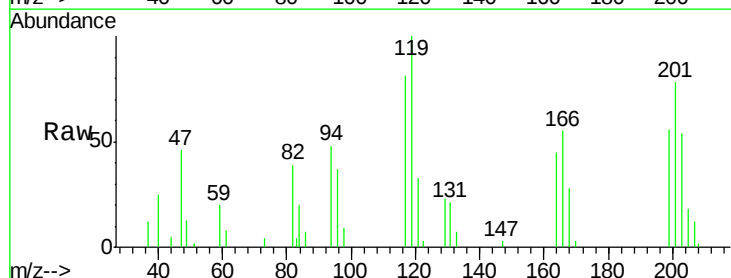
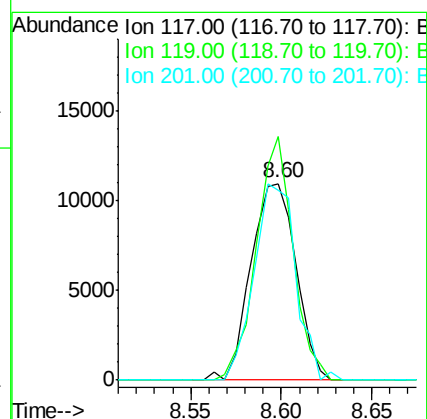
RT: 8.60 min Scan# 954

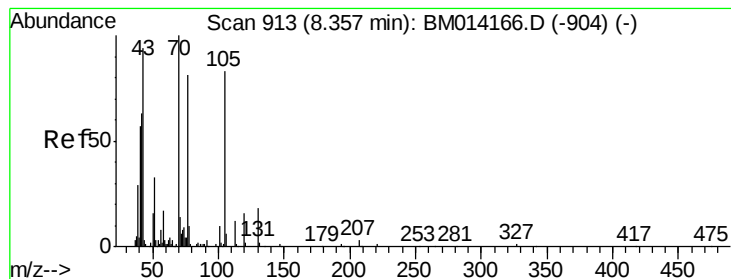
Delta R.T. -0.00 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Tgt Ion:	117	Resp:	18912
Ion	Ratio	Lower	Upper
117	100		
119	123.8	79.2	118.8#
201	96.3	69.8	104.6





#19

n-Nitroso-di-n-propylamine

Concen: 7.651 ng

RT: 8.35 min Scan# 911

Delta R.T. -0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 35974

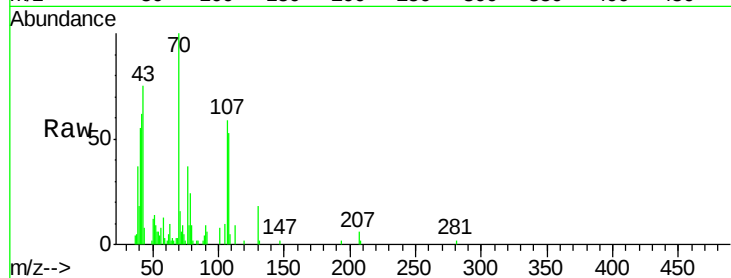
Ion Ratio Lower Upper

70 100

42 61.6 44.5 66.7

101 8.0 7.4 11.2

130 17.7 15.3 22.9

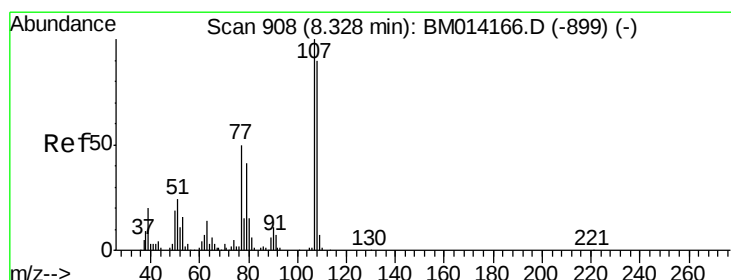
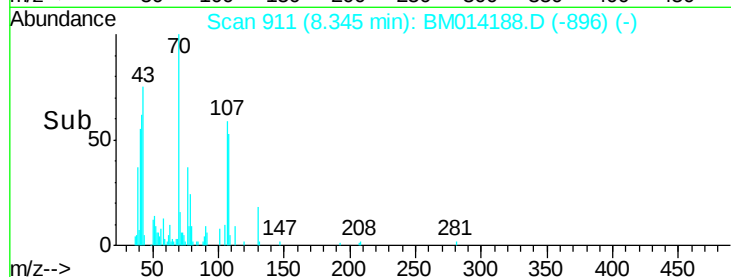
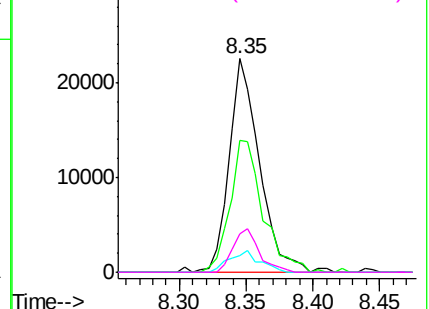


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 6.579 ng

RT: 8.33 min Scan# 909

Delta R.T. 0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Tgt Ion:107 Resp: 39296

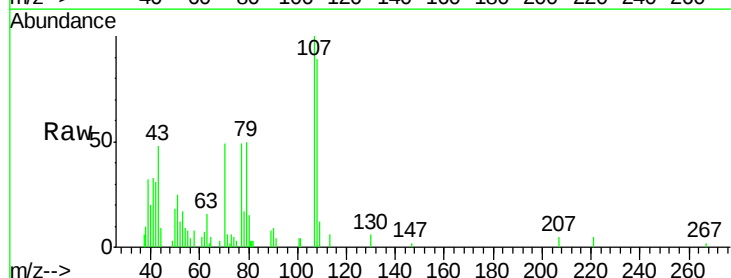
Ion Ratio Lower Upper

107 100

108 88.7 73.2 113.2

77 48.5 10.7 50.7

79 50.3 9.6 49.6#

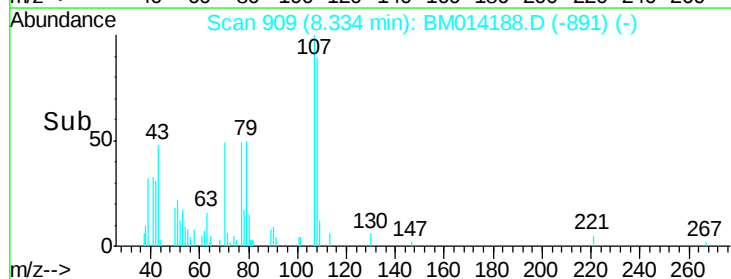
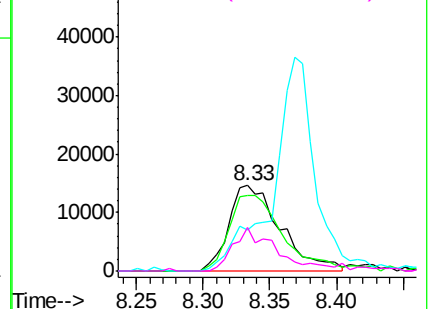


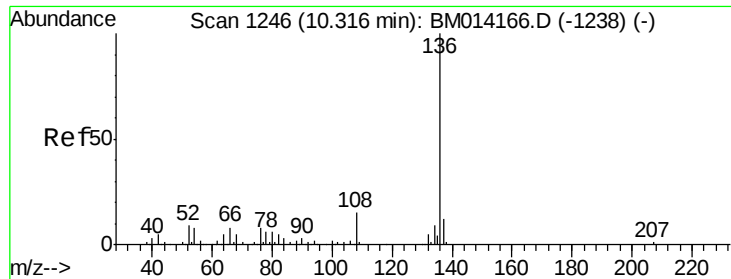
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

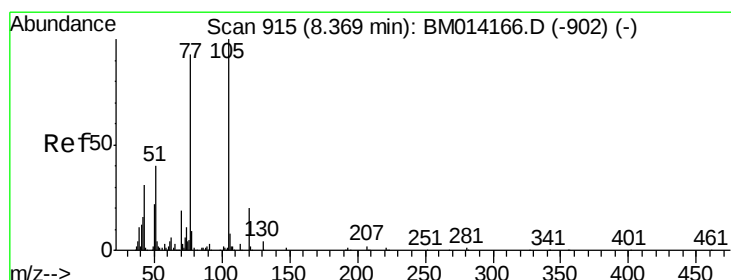
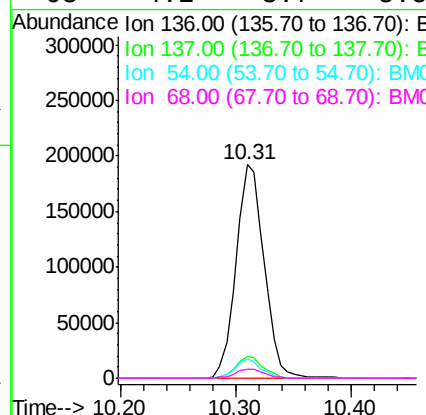
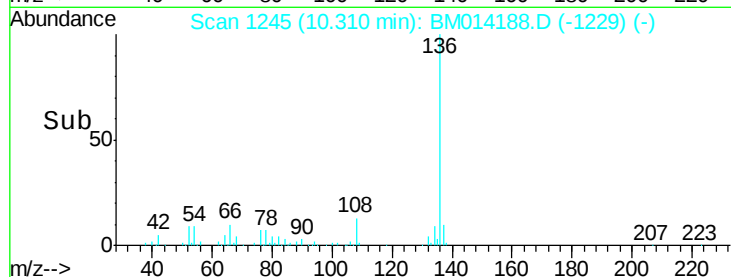
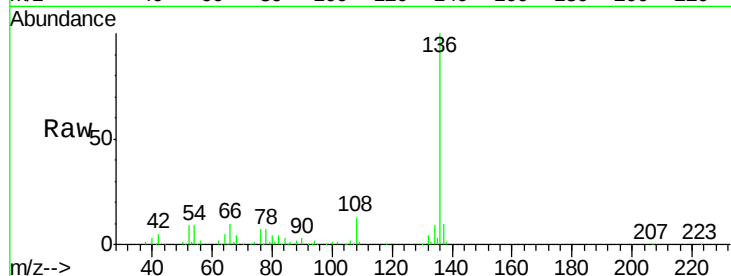




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

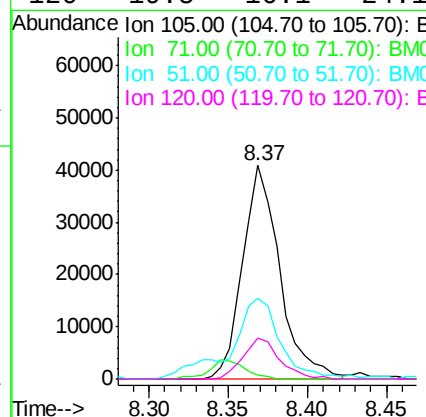
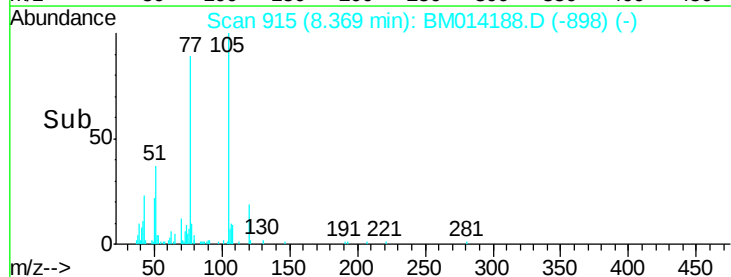
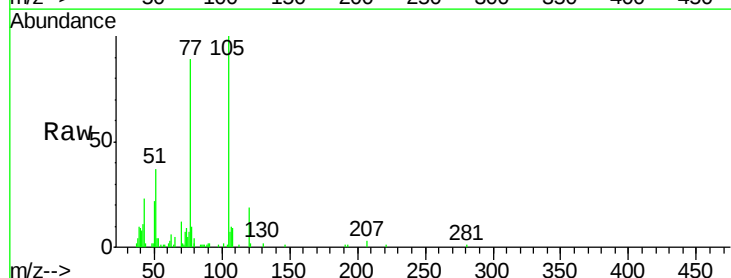
Instrument :
BNA_M
ClientSampleId :

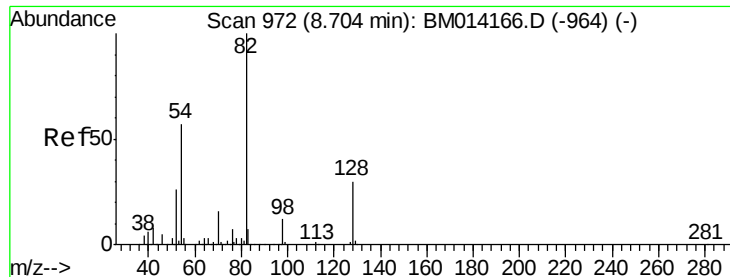
Tot Ion:136	Resp:	323750
Ion	Ratio	Lower Upper
136	100	
137	9.9	8.7 13.1
54	9.2	4.6 6.8#
68	4.2	3.7 5.5



#22
Acetophenone
Concen: 7.169 ng
RT: 8.37 min Scan# 915
Delta R.T. -0.00 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion:105	Resp:	66737
Ion	Ratio	Lower Upper
105	100	
71	1.6	0.6 1.0#
51	37.5	21.6 32.4#
120	19.5	16.1 24.1

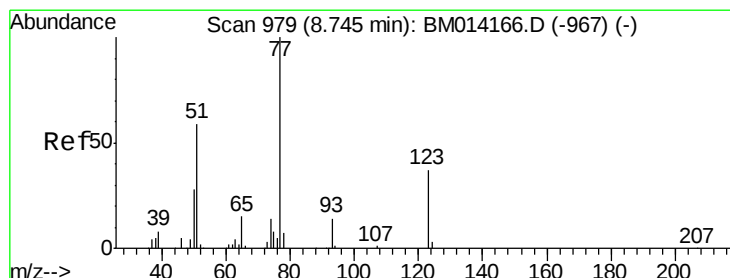
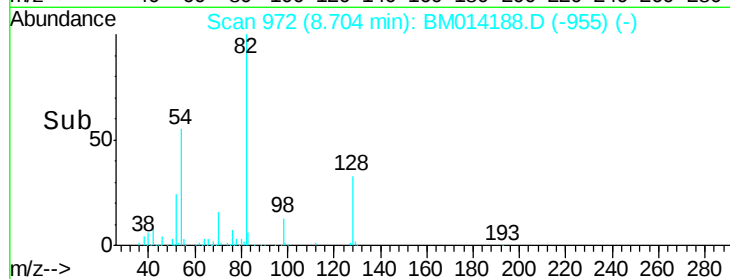
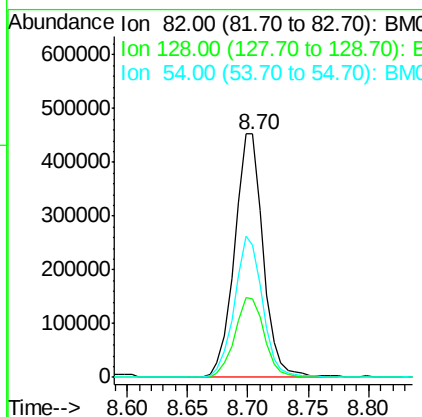
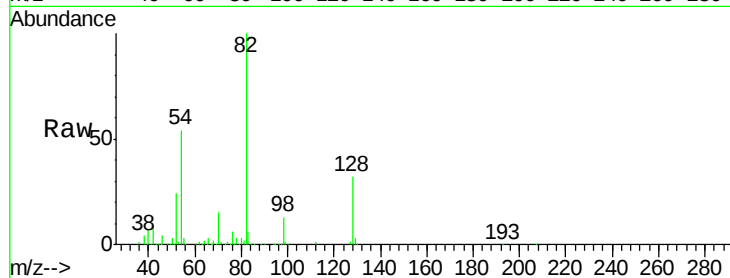




#23
 Nitrobenzene-d5
 Concen: 103.686 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM014188.D
 Acq: 08 Feb 2018 11:26

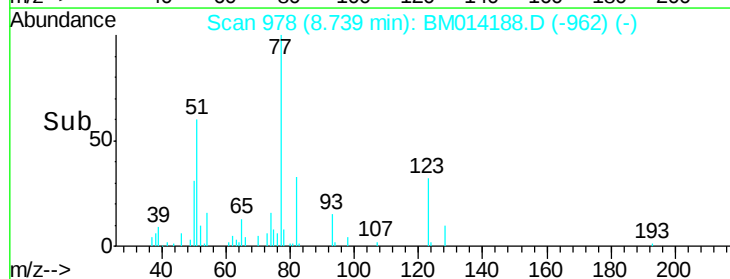
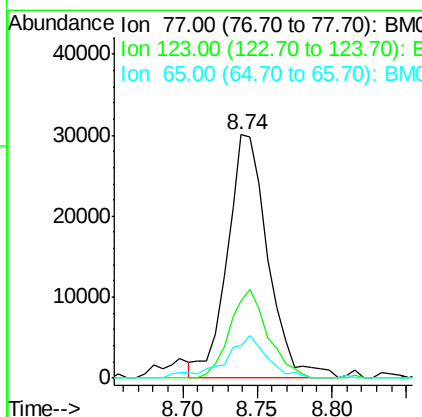
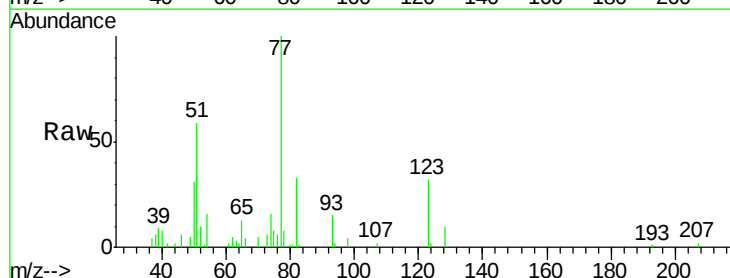
Instrument :
 BNA_M
 ClientSampleId :

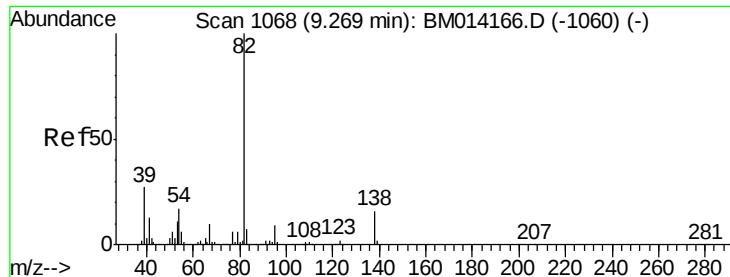
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.3	32.8	49.2#
54	54.1	40.6	60.8



#24
 Nitrobenzene
 Concen: 7.626 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BM014188.D
 Acq: 08 Feb 2018 11:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	31.8	32.6	49.0#
65	13.2	10.9	16.3





#25

Isophorone

Concen: 7.520 ng

RT: 9.26 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Instrument :

BNA_M

ClientSampleId :

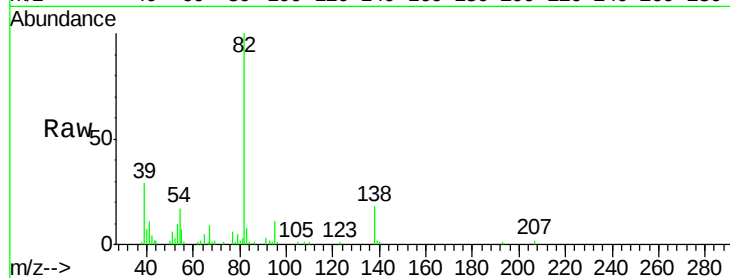
Tot Ion: 82 Resp: 90292

Ion Ratio Lower Upper

82 100

95 10.7 5.8 8.6#

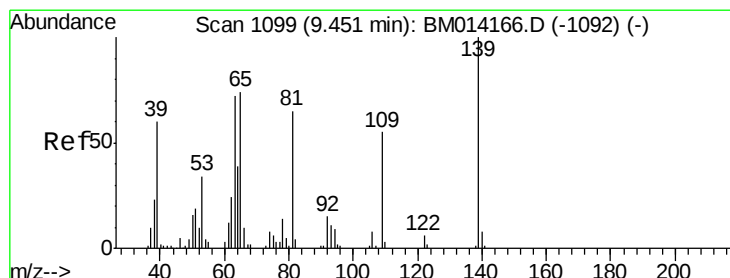
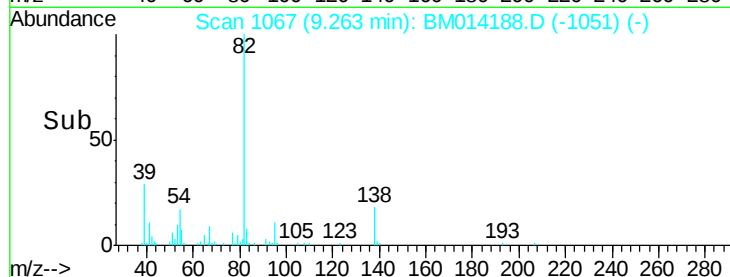
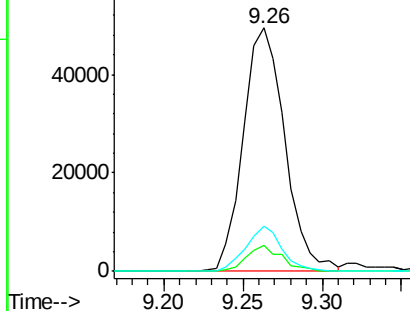
138 18.4 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM014166.D (-1060) (-)

Ion 95.00 (94.70 to 95.70): BM014166.D (-1060) (-)

Ion 138.00 (137.70 to 138.70): BM014166.D (-1060) (-)



#26

2-Nitrophenol

Concen: 6.258 ng

RT: 9.46 min Scan# 1100

Delta R.T. 0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

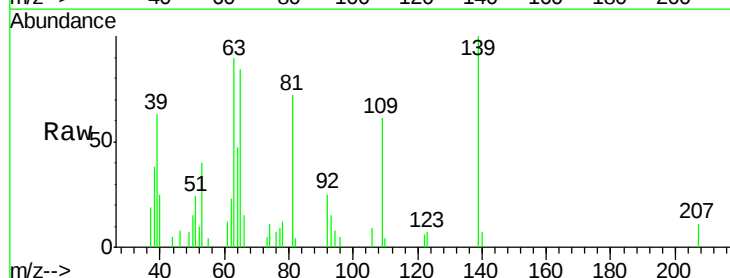
Tgt Ion: 139 Resp: 17618

Ion Ratio Lower Upper

139 100

109 60.6 20.1 30.1#

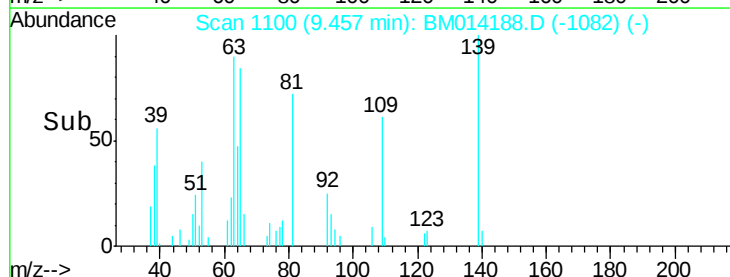
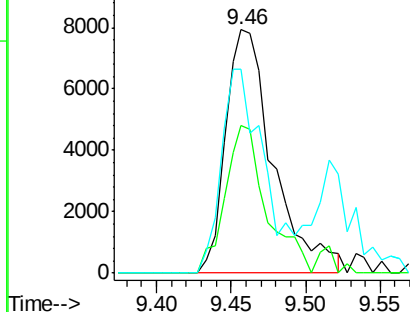
65 83.5 31.5 47.3#

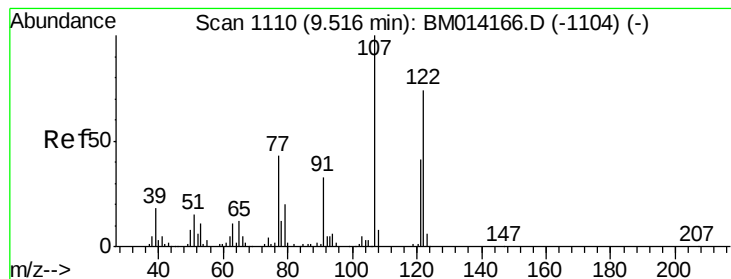


Abundance Ion 139.00 (138.70 to 139.70): BM014166.D (-1092) (-)

Ion 109.00 (108.70 to 109.70): BM014166.D (-1092) (-)

Ion 65.00 (64.70 to 65.70): BM014166.D (-1092) (-)

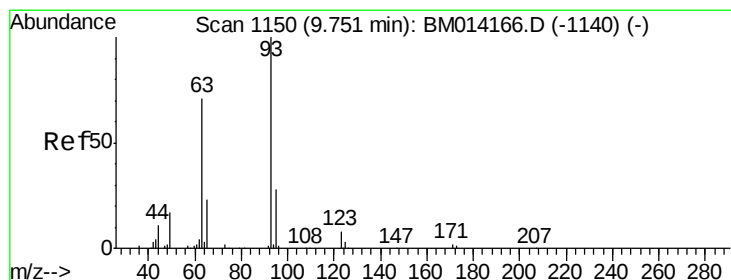
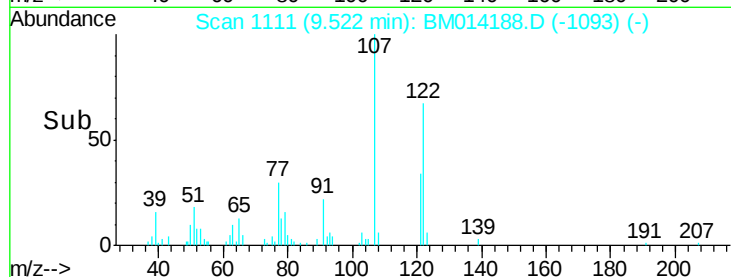
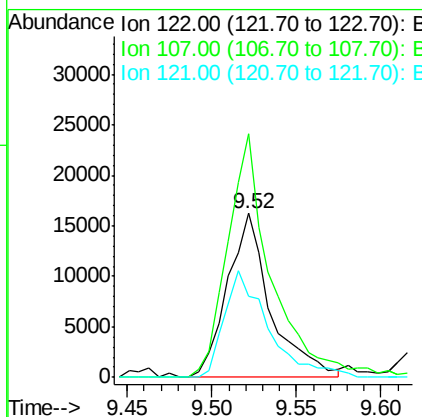
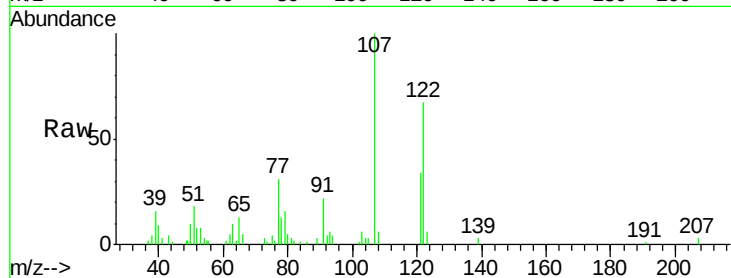




#27
 2,4-Dimethylphenol
 Concen: 6.748 ng
 RT: 9.52 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BM014188.D
 Acq: 08 Feb 2018 11:26

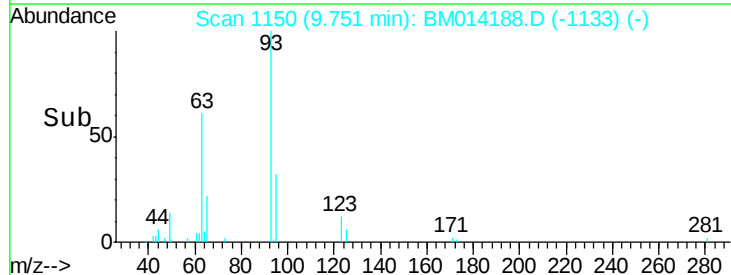
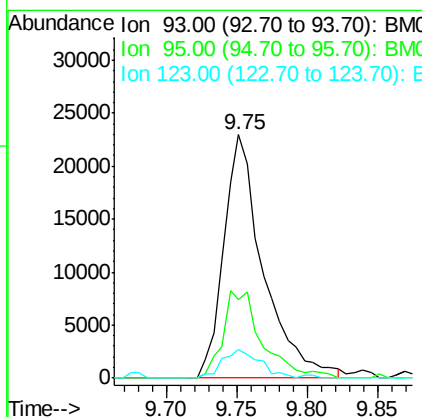
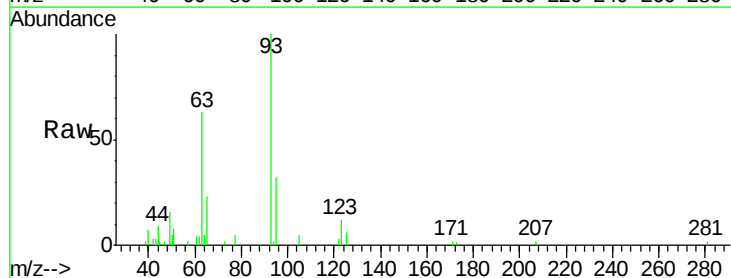
Instrument :
 BNA_M
 ClientSampleId :

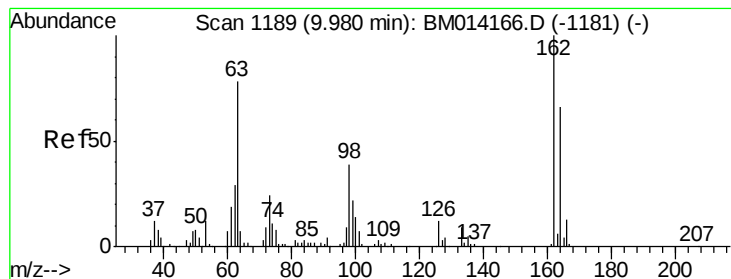
Tot Ion:122 Resp: 28955
 Ion Ratio Lower Upper
 122 100
 107 148.7 84.7 127.1#
 121 49.8 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 7.270 ng
 RT: 9.75 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BM014188.D
 Acq: 08 Feb 2018 11:26

Tgt Ion: 93 Resp: 44769
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.5 38.3
 123 11.7 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 6.216 ng

RT: 10.00 min Scan# 1192

Delta R.T. 0.02 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Instrument :

BNA_M

ClientSampled :

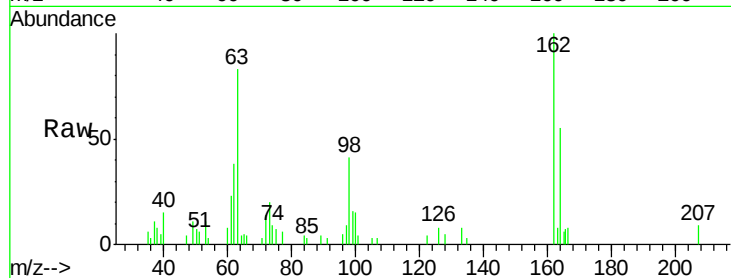
Tot Ion:162 Resp: 29800

Ion Ratio Lower Upper

162 100

164 55.2 42.8 82.8

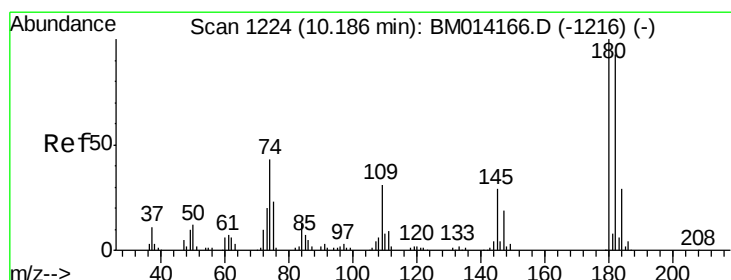
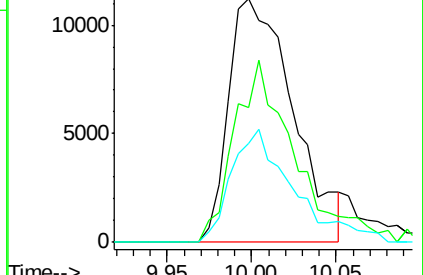
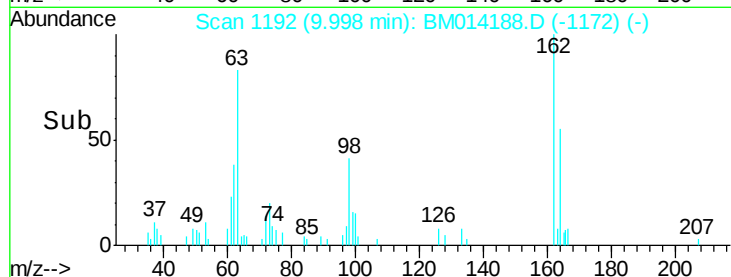
98 40.7 14.5 54.5



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: 6.631 ng

RT: 10.18 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

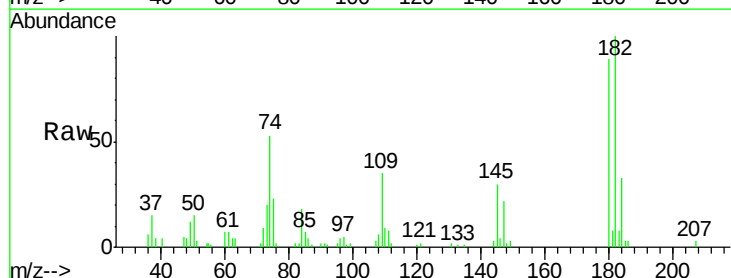
Tgt Ion:180 Resp: 41911

Ion Ratio Lower Upper

180 100

182 112.3 77.6 116.4

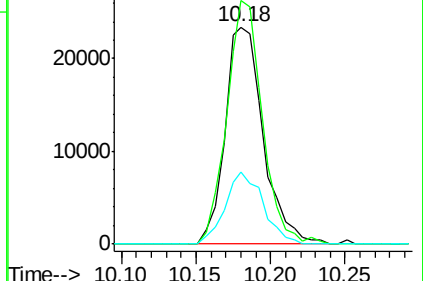
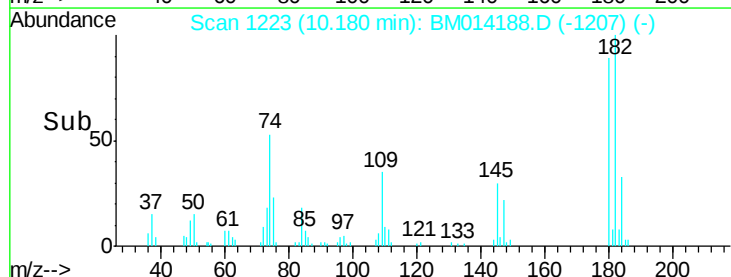
145 33.5 23.4 35.2

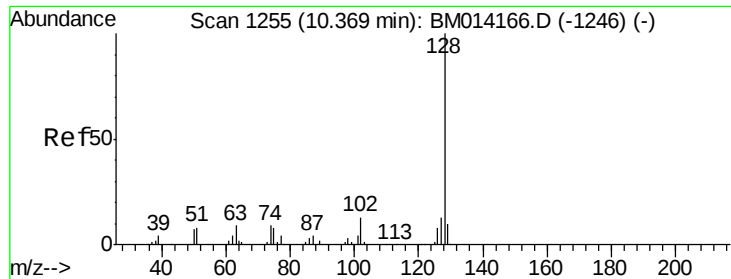


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

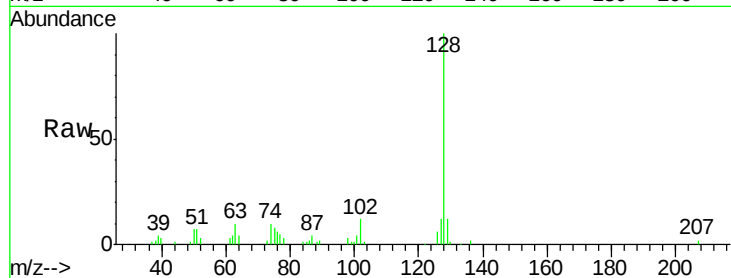




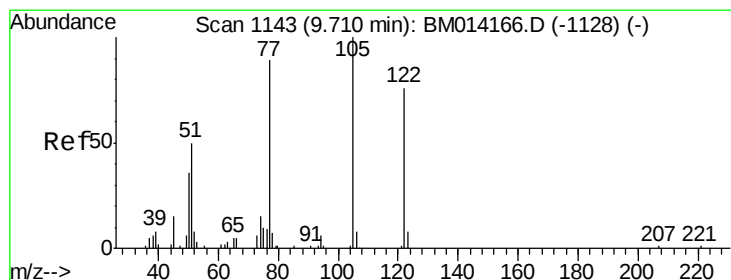
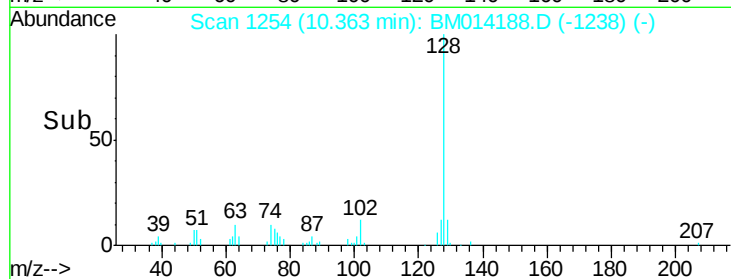
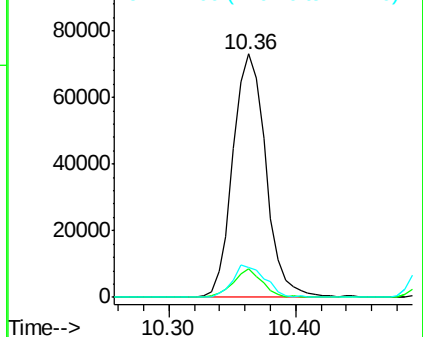
#31
Naphthalene
Concen: 7.429 ng
RT: 10.36 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.9	13.3
127	12.2	10.4	15.6

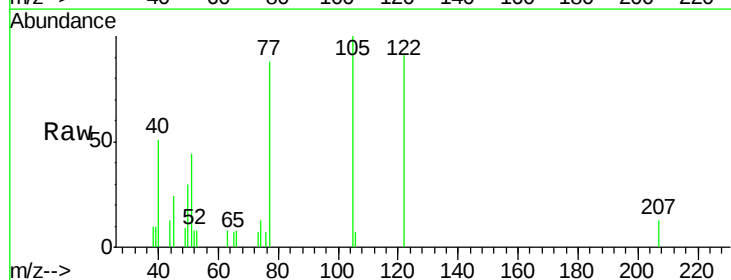


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

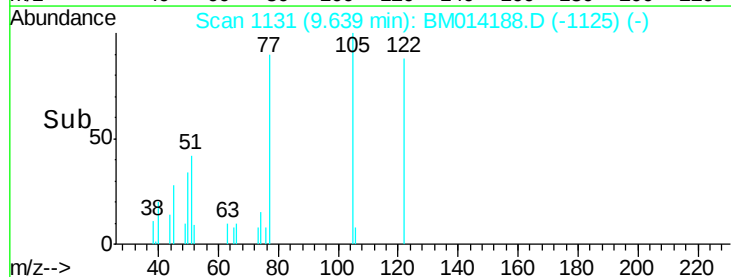
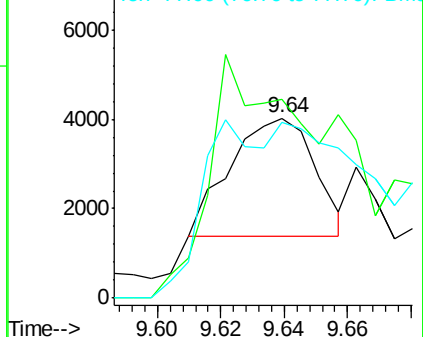


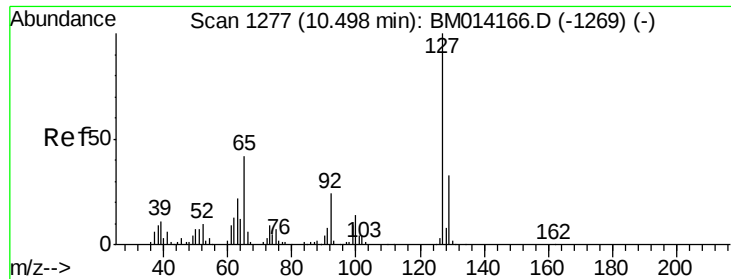
#32
Benzoic acid
Concen: 7.329 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.06 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	110.4	99.9	139.9
77	97.4	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

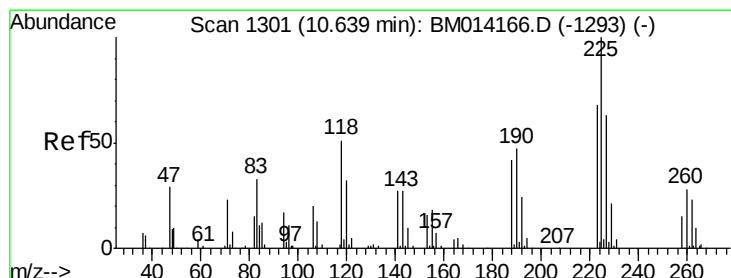
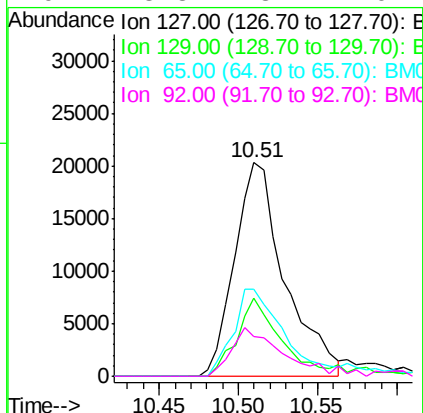
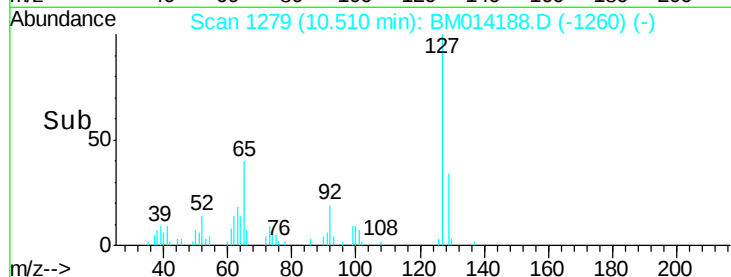
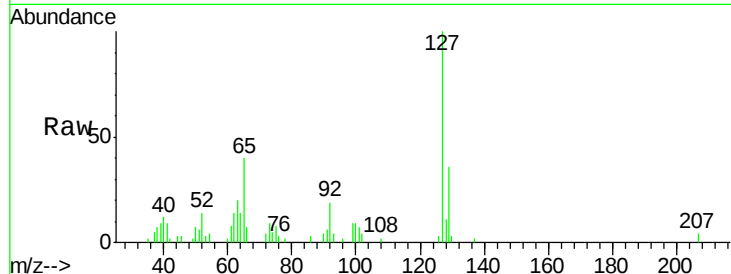




#33
4-Chloroaniline
Concen: 6.047 ng
RT: 10.51 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

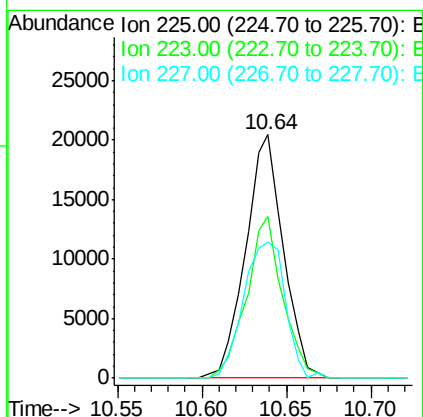
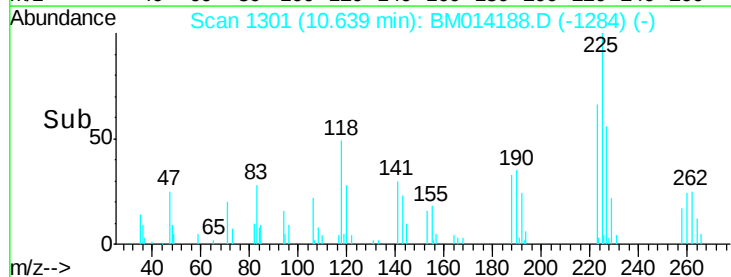
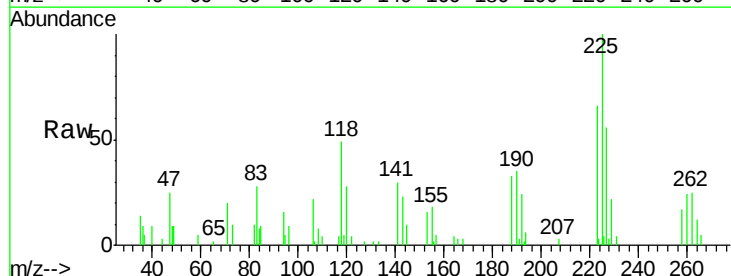
Instrument :
BNA_M
ClientSampleId :

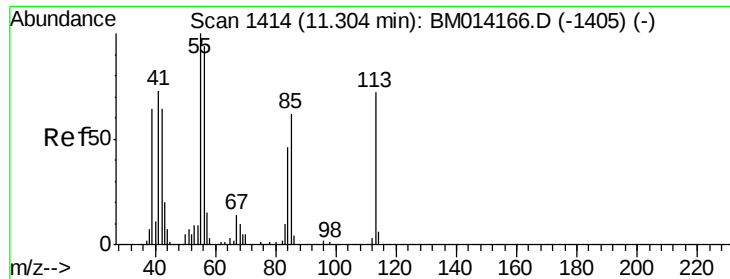
Tot Ion:127	Resp:	44561
Ion Ratio	Lower	Upper
127	100	
129	36.3	25.3 37.9
65	40.5	17.6 26.4
92	18.8	13.1 19.7



#34
Hexachlorobutadiene
Concen: 7.344 ng
RT: 10.64 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion:225	Resp:	31842
Ion Ratio	Lower	Upper
225	100	
223	69.8	47.9 71.9
227	58.4	50.1 75.1

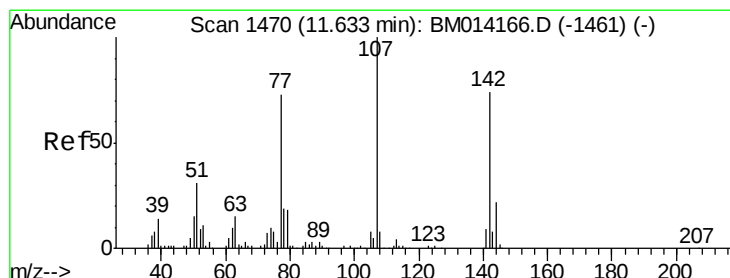
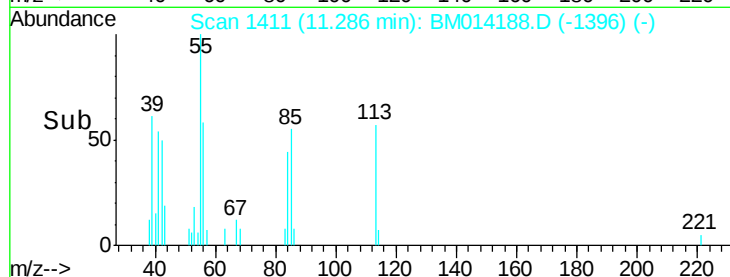
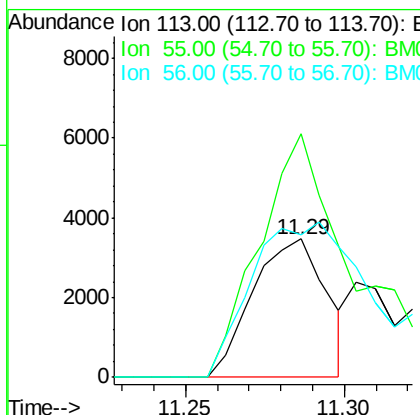
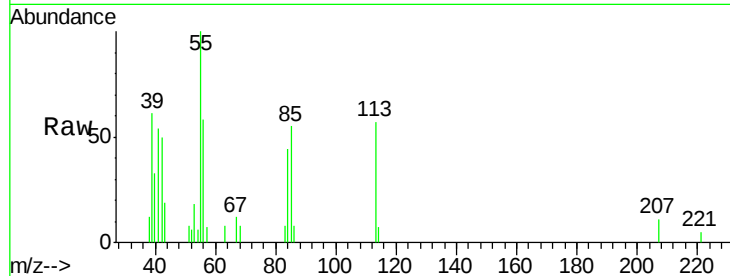




#35
 Caprolactam
 Concen: 3.271 ng
 RT: 11.29 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BM014188.D
 Acq: 08 Feb 2018 11:26

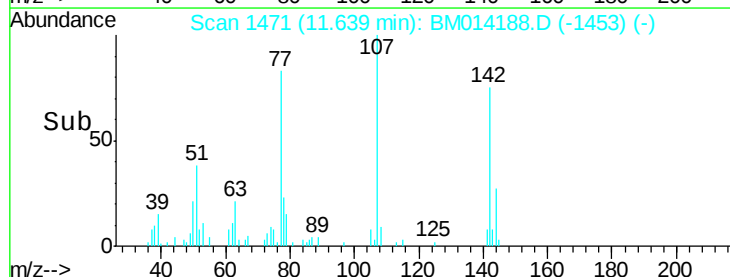
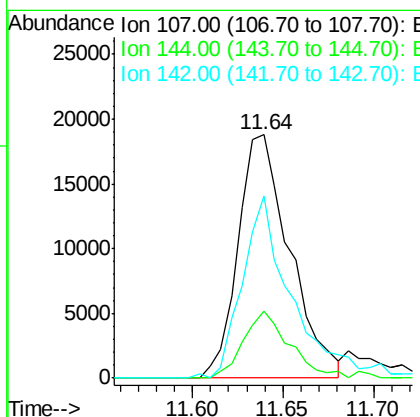
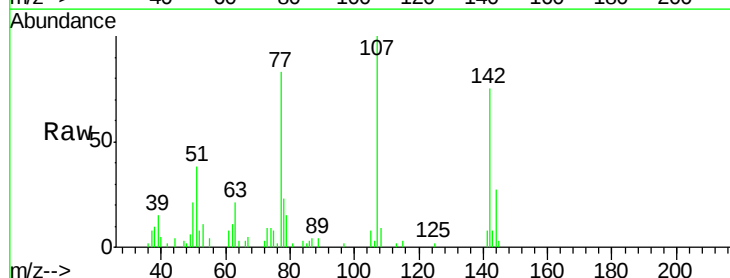
Instrument :
 BNA_M
 ClientSampleId :

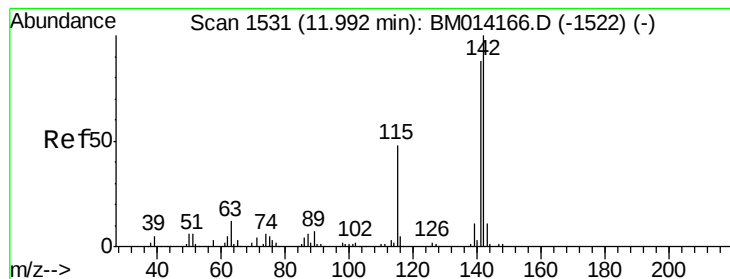
Tot Ion:113 Resp: 5608
 Ion Ratio Lower Upper
 113 100
 55 176.0 145.9 185.9
 56 102.8 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 6.288 ng
 RT: 11.64 min Scan# 1471
 Delta R.T. 0.01 min
 Lab File: BM014188.D
 Acq: 08 Feb 2018 11:26

Tgt Ion:107 Resp: 37351
 Ion Ratio Lower Upper
 107 100
 144 27.5 23.3 34.9
 142 74.9 72.6 109.0





#37

2-Methylnaphthalene

Concen: 6.919 ng

RT: 11.99 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Instrument :

BNA_M

ClientSampleId :

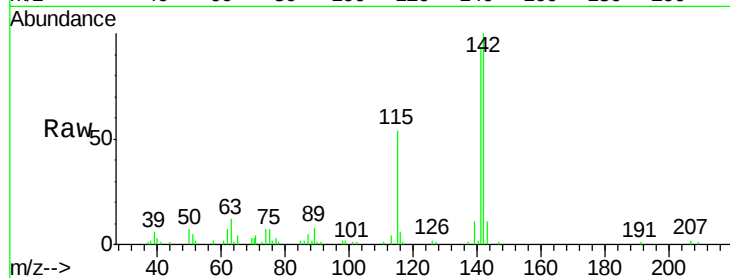
Tot Ion:142 Resp: 92373

Ion Ratio Lower Upper

142 100

141 93.2 71.9 107.9

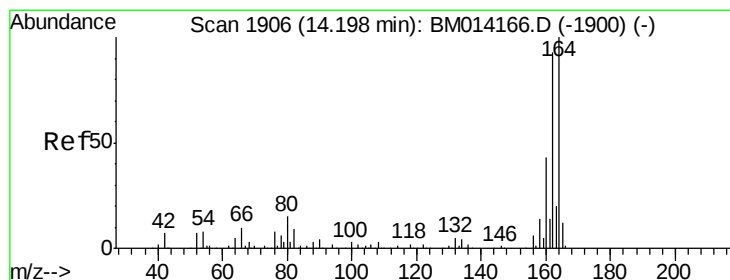
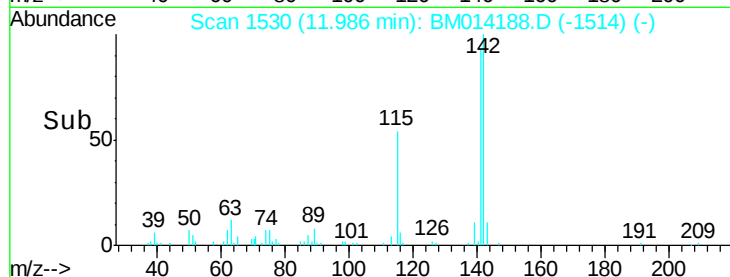
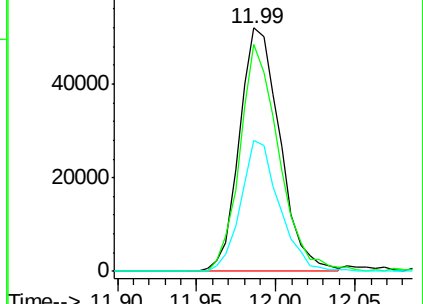
115 53.7 25.4 38.0#



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: BM014188.D

Acq: 08 Feb 2018 11:26

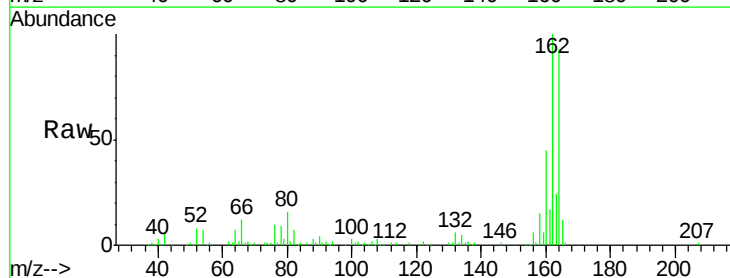
Tgt Ion:164 Resp: 219474

Ion Ratio Lower Upper

164 100

162 108.0 82.4 123.6

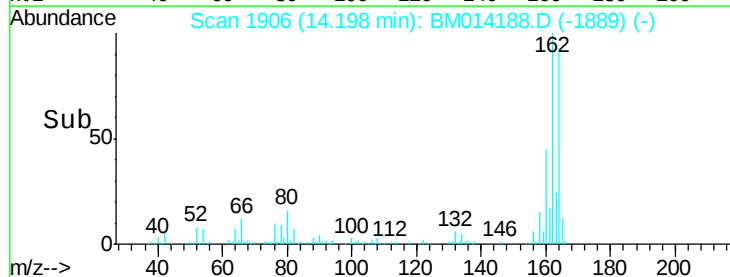
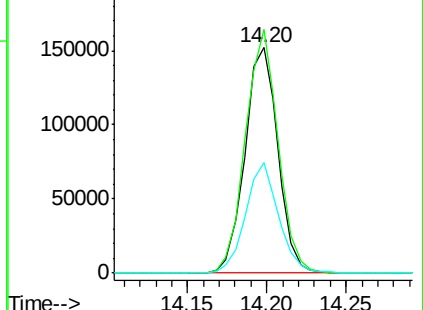
160 48.7 35.8 53.6

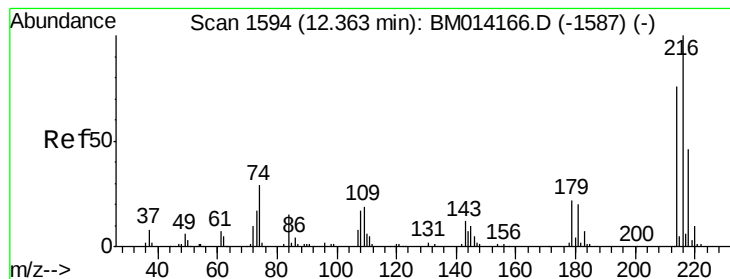


Abundance Ion 164.00 (163.70 to 164.70): E

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: 7.378 ng

RT: 12.36 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Instrument :

BNA_M

ClientSampled :

Tot Ion:216 Resp: 56735

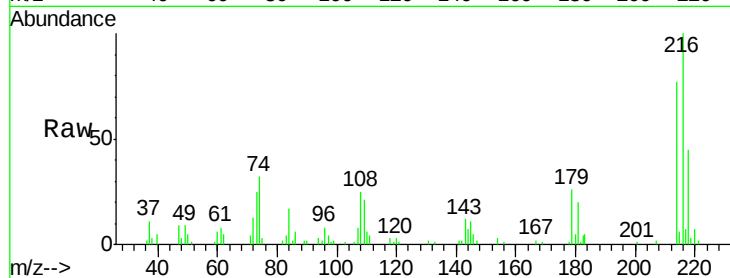
Ion Ratio Lower Upper

216 100

214 80.2 0.0 0.0#

179 22.5 0.0 0.0#

108 23.9 0.0 0.0#

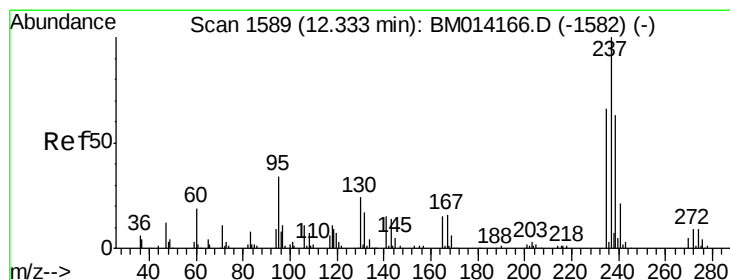
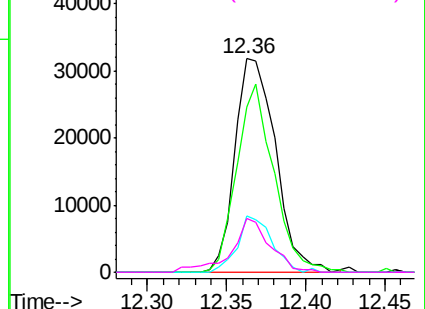
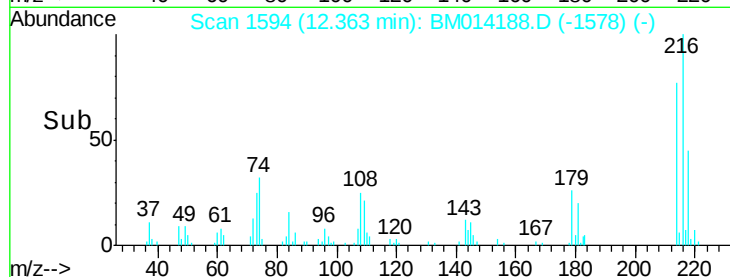


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 9.941 ng

RT: 12.33 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

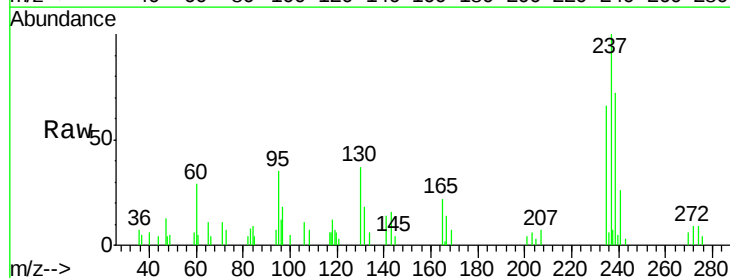
Tgt Ion:237 Resp: 18411

Ion Ratio Lower Upper

237 100

235 65.5 42.0 82.0

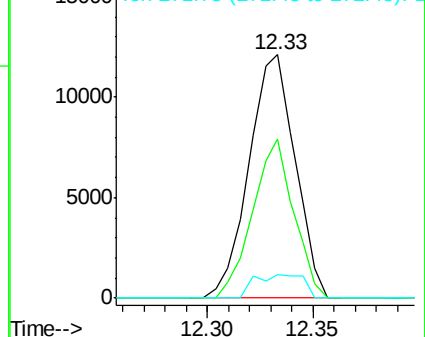
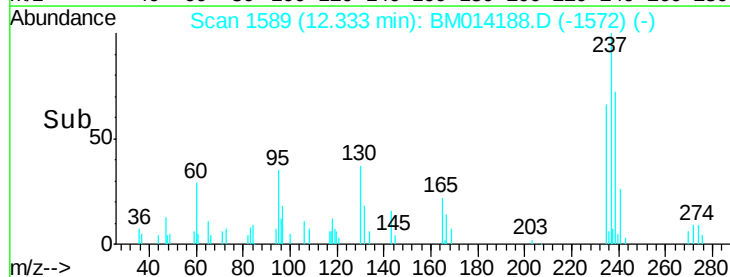
272 9.4 0.0 33.4

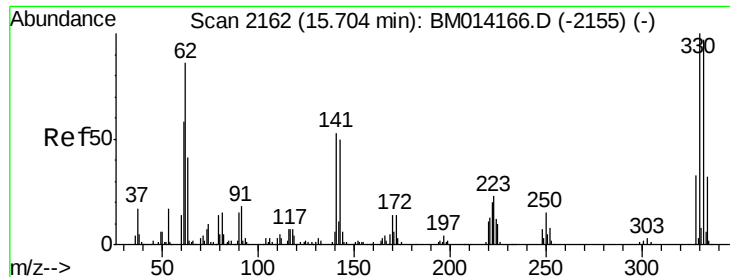


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

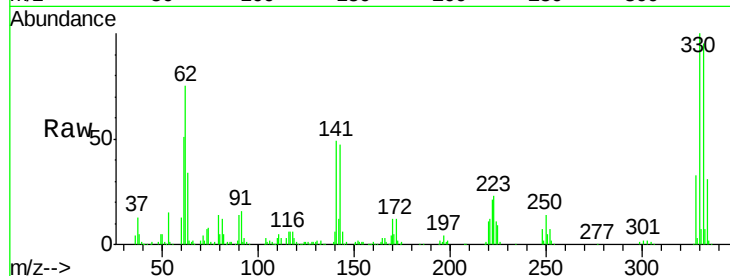




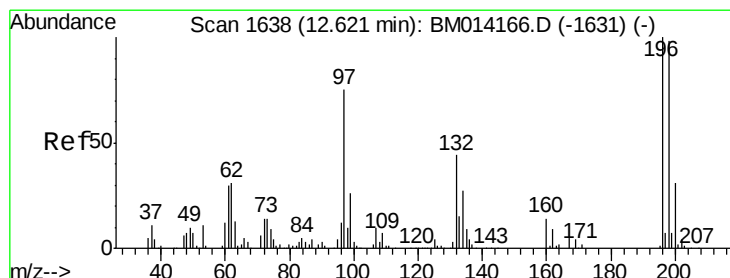
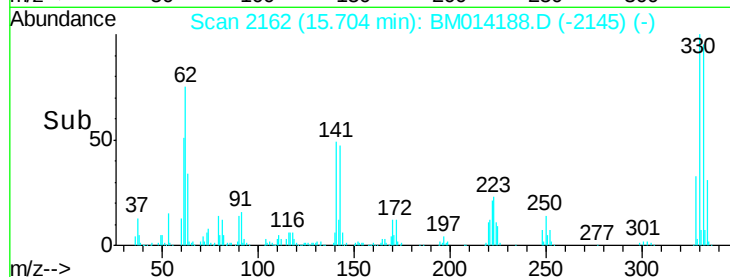
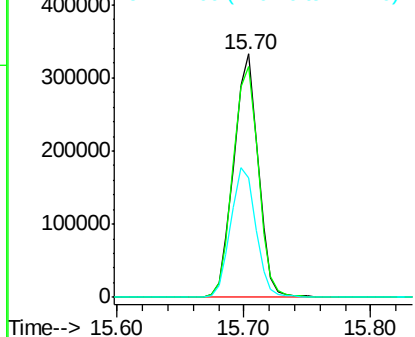
#41
 2,4,6-Tribromophenol
 Concen: 142.839 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BM014188.D
 Acq: 08 Feb 2018 11:26

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 444840
 Ion Ratio Lower Upper
 330 100
 332 98.1 0.0 0.0#
 141 54.8 0.0 0.0#

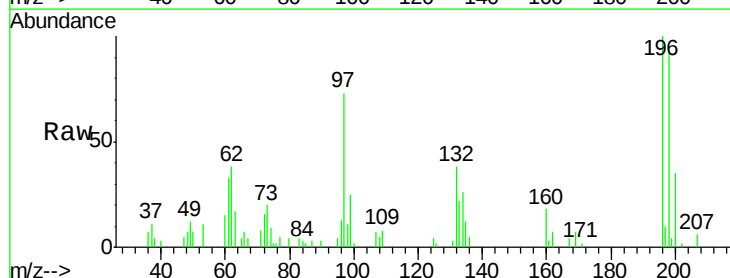


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

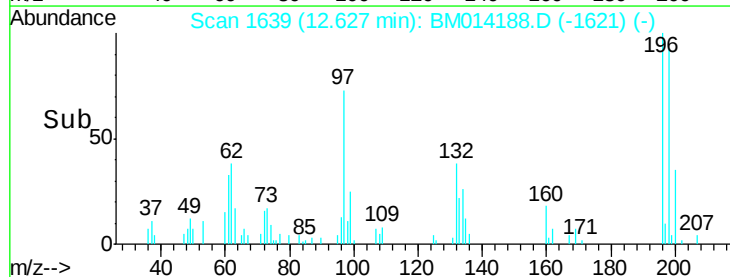
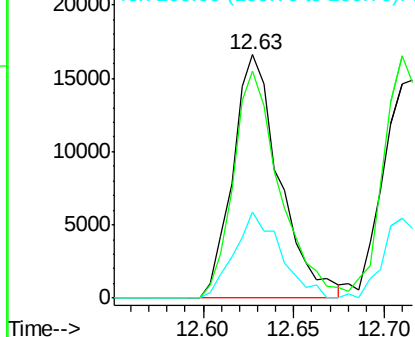


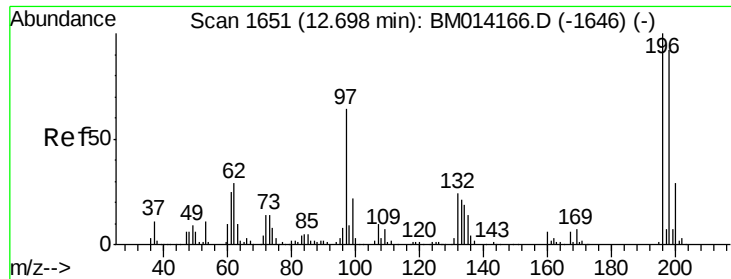
#42
 2,4,6-Trichlorophenol
 Concen: 6.600 ng
 RT: 12.63 min Scan# 1639
 Delta R.T. 0.01 min
 Lab File: BM014188.D
 Acq: 08 Feb 2018 11:26

Tgt Ion:196 Resp: 29819
 Ion Ratio Lower Upper
 196 100
 198 93.5 76.3 114.5
 200 35.3 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

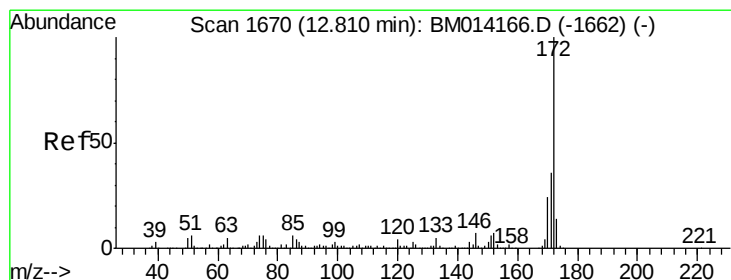
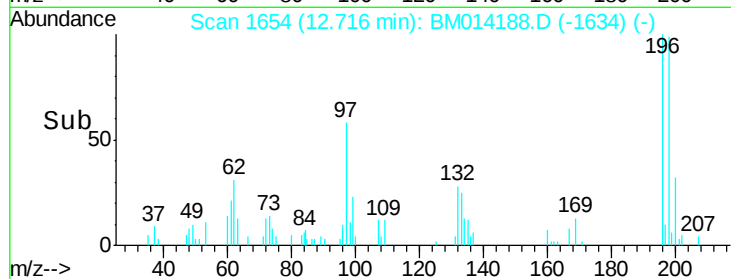
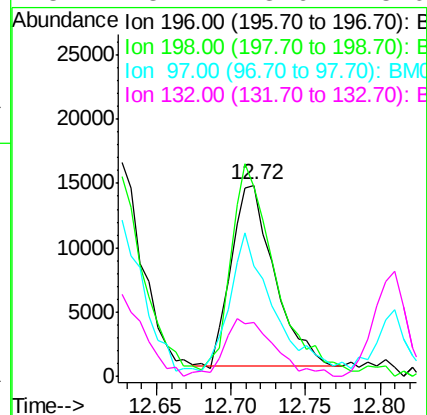
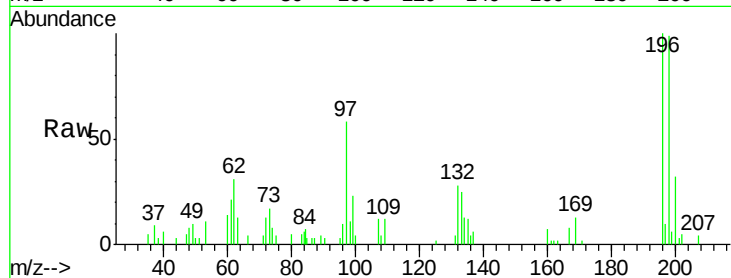




#43
 2,4,5-Trichlorophenol
 Concen: 5.720 ng
 RT: 12.72 min Scan# 1654
 Delta R.T. 0.02 min
 Lab File: BM014188.D
 Acq: 08 Feb 2018 11:26

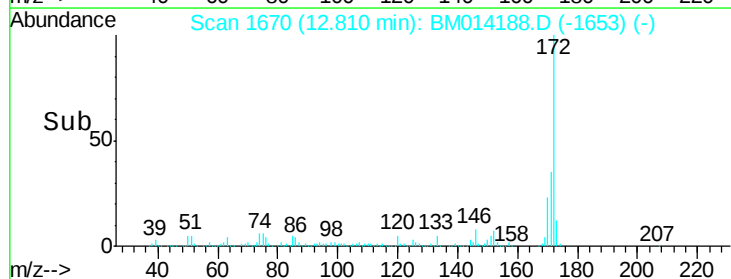
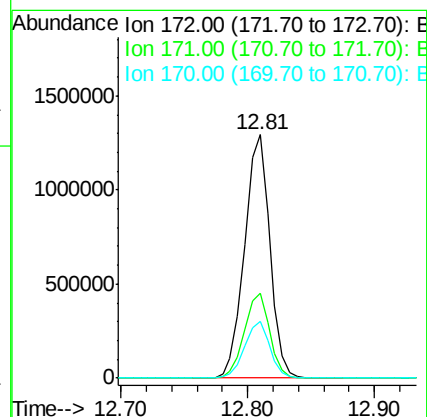
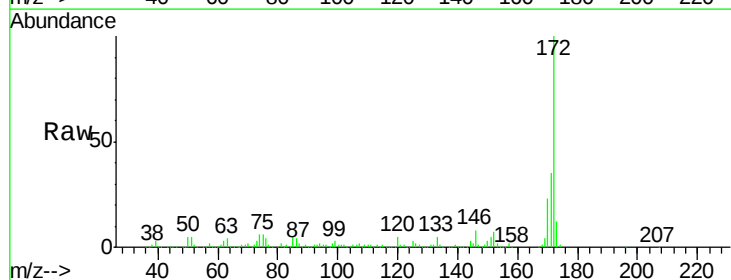
Instrument :
 BNA_M
 ClientSampled :

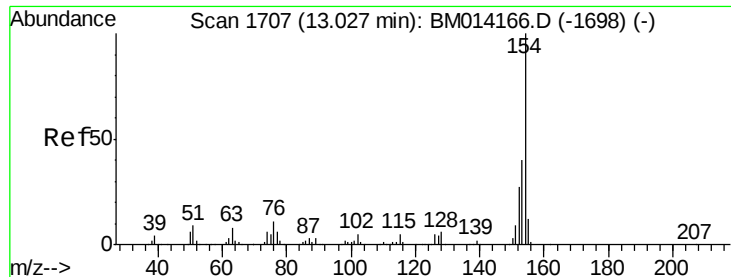
Tot Ion:196 Resp: 28529
 Ion Ratio Lower Upper
 196 100
 198 105.0 79.4 119.0
 97 57.6 26.8 40.2#
 132 28.1 18.6 28.0#



#44
 2-Fluorobiphenyl
 Concen: 101.752 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BM014188.D
 Acq: 08 Feb 2018 11:26

Tgt Ion:172 Resp: 1788973
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.3 18.8 28.2

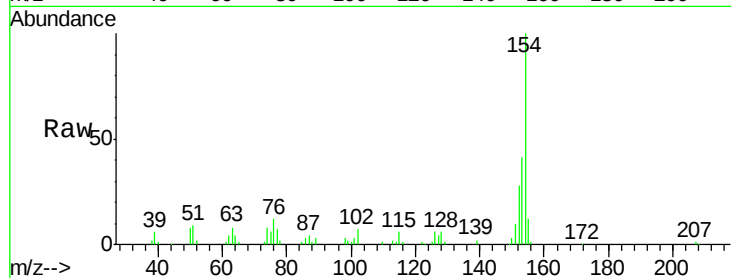




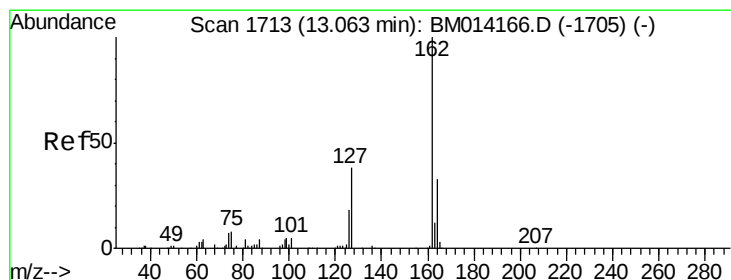
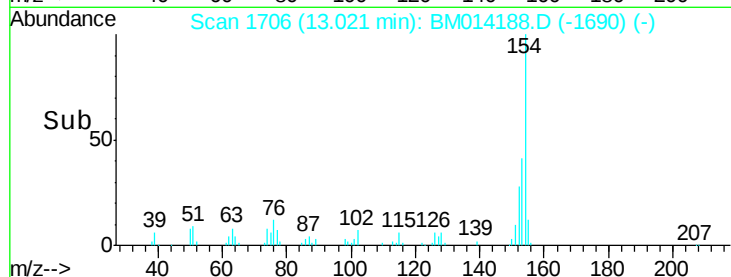
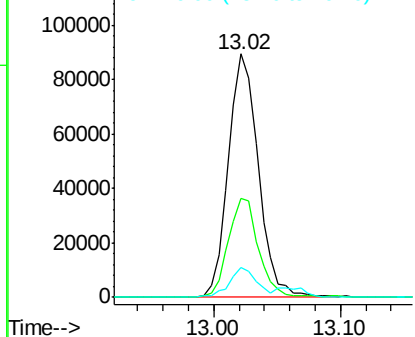
#45
 1,1'-Biphenyl
 Concen: 7.699 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BM014188.D
 Acq: 08 Feb 2018 11:26

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	154	Resp	146367
Ion Ratio	100	Lower	Upper
154	100		
153	40.9	20.7	60.7
76	12.3	0.0	30.9

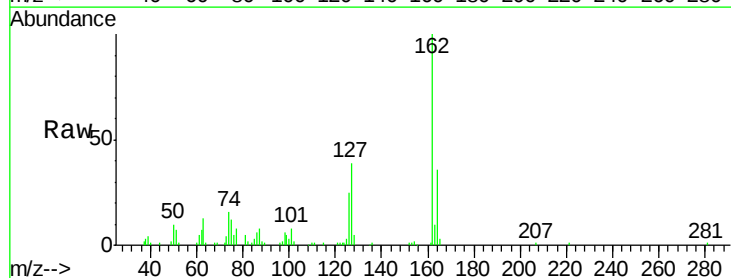


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

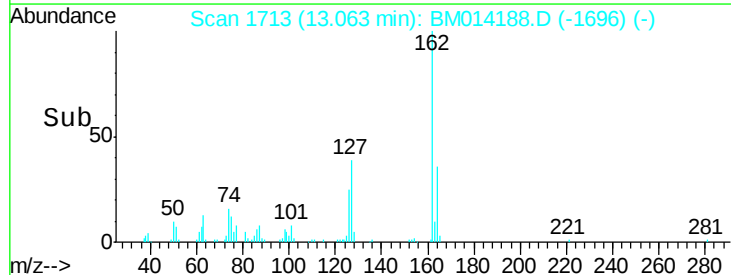
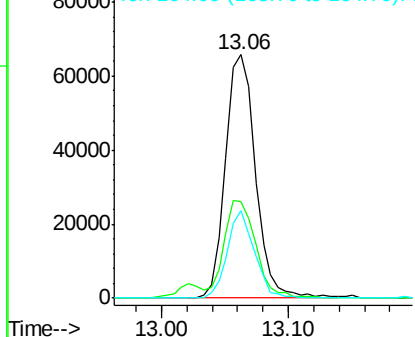


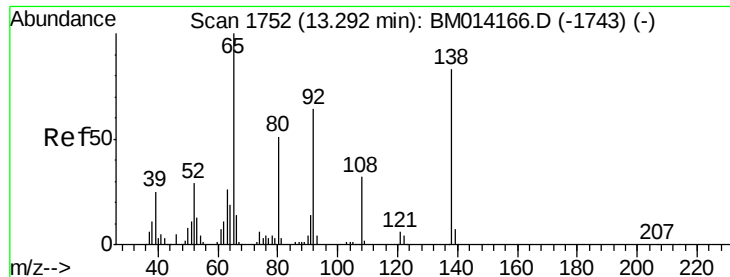
#46
 2-Chloronaphthalene
 Concen: 7.488 ng
 RT: 13.06 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BM014188.D
 Acq: 08 Feb 2018 11:26

Tgt Ion	162	Resp	108057
Ion Ratio	100	Lower	Upper
162	100		
127	39.4	26.9	40.3
164	36.1	26.8	40.2



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

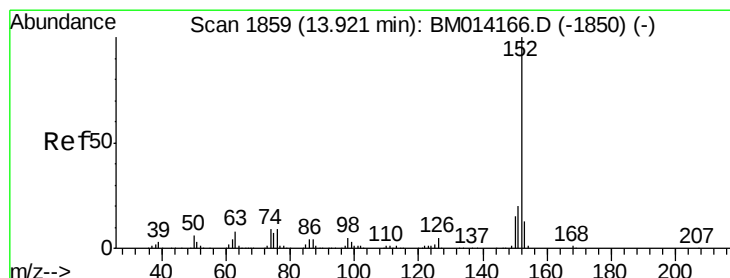
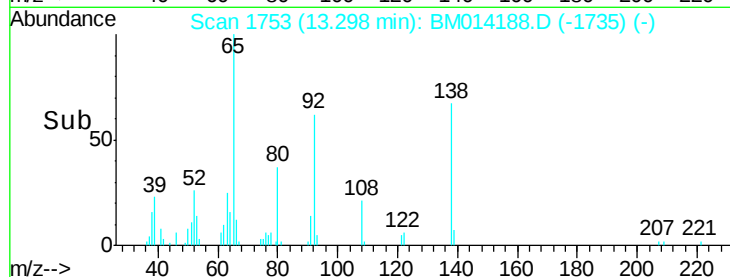
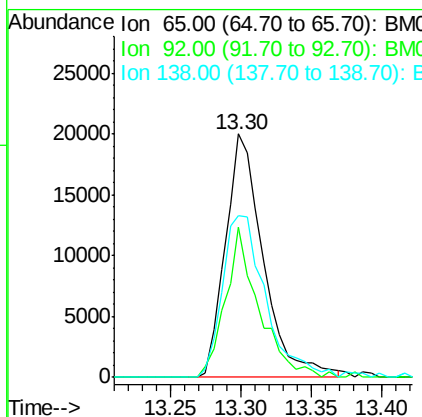
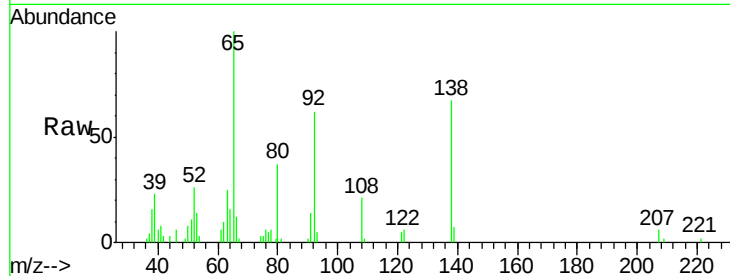




#47
2-Nitroaniline
Concen: 7.053 ng
RT: 13.30 min Scan# 1753
Delta R.T. 0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

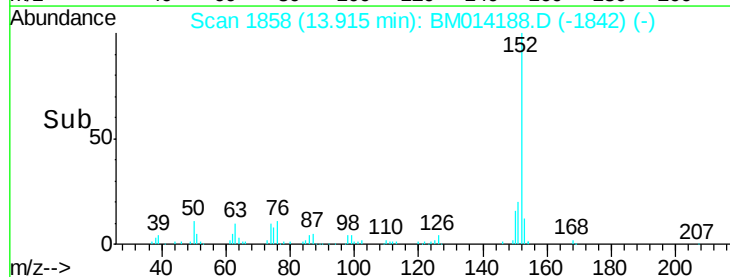
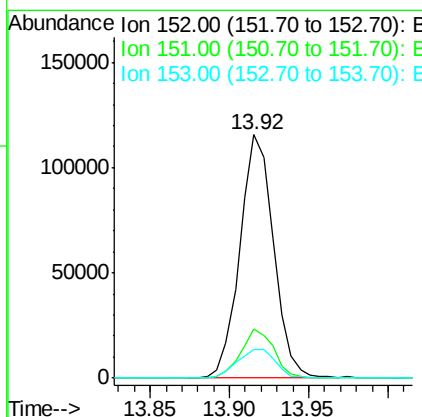
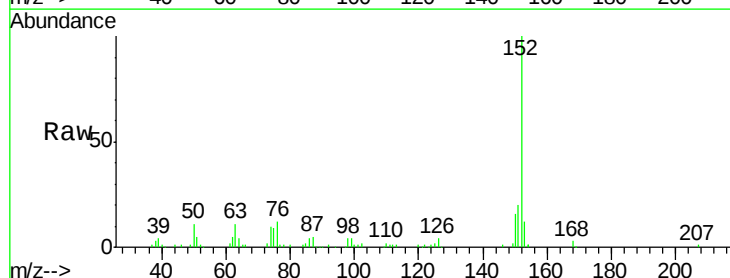
Instrument :
BNA_M
ClientSampleId :

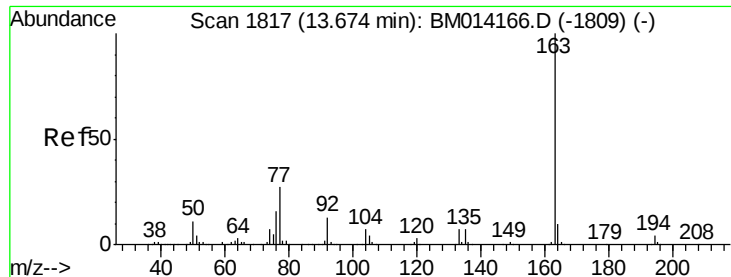
Tot Ion: 65 Resp: 37457
Ion Ratio Lower Upper
65 100
92 61.9 59.1 88.7
138 66.6 93.9 140.9#



#48
Acenaphthylene
Concen: 7.196 ng
RT: 13.92 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion: 152 Resp: 170296
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 11.5 10.6 16.0





#49

Dimethylphthalate

Concen: 7.649 ng

RT: 13.67 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Instrument :

BNA_M

ClientSampled :

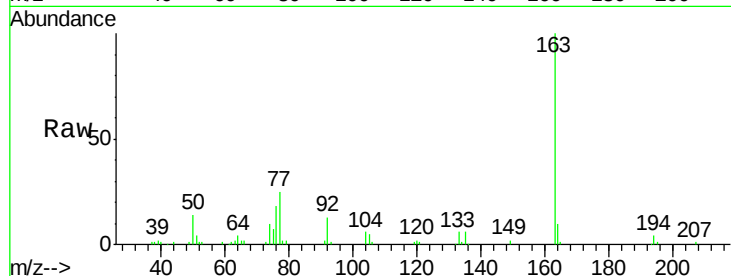
Tot Ion:163 Resp: 150284

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

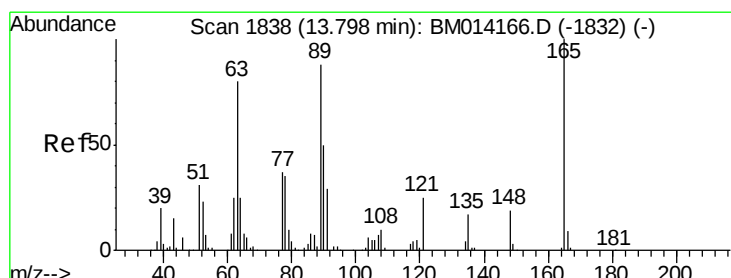
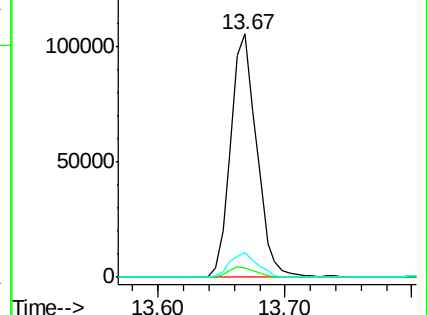
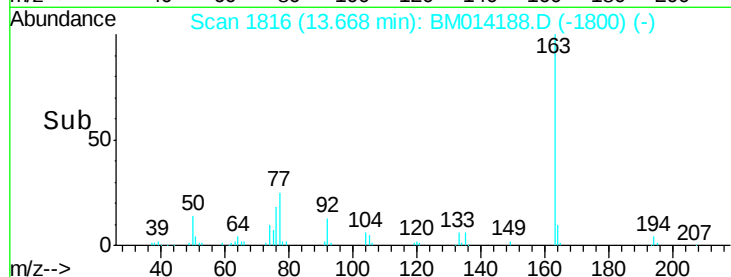
164 9.9 8.2 12.2



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: 7.298 ng

RT: 13.80 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

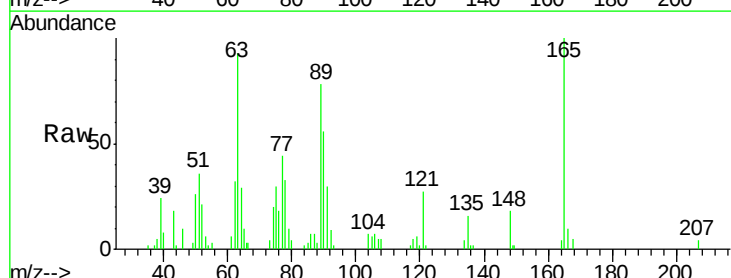
Tgt Ion:165 Resp: 29425

Ion Ratio Lower Upper

165 100

63 92.7 44.1 66.1#

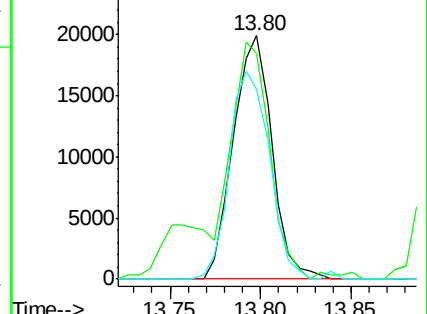
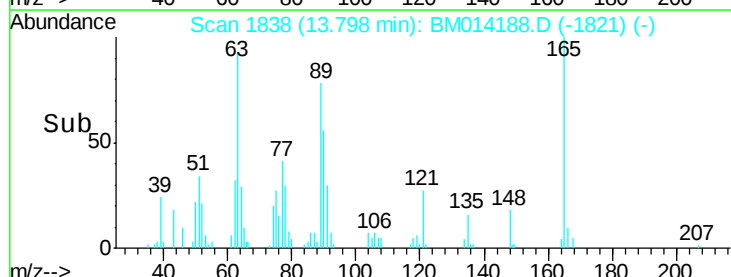
89 77.8 44.3 66.5#

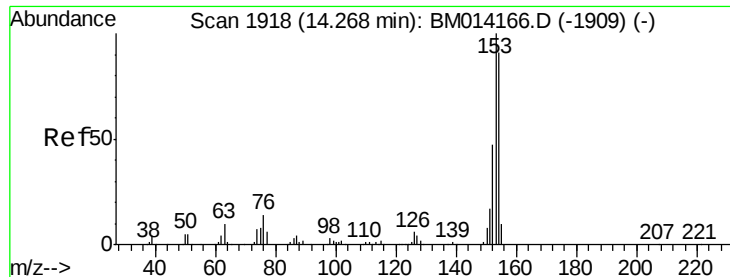


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 7.561 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Instrument :

BNA_M

ClientSampleId :

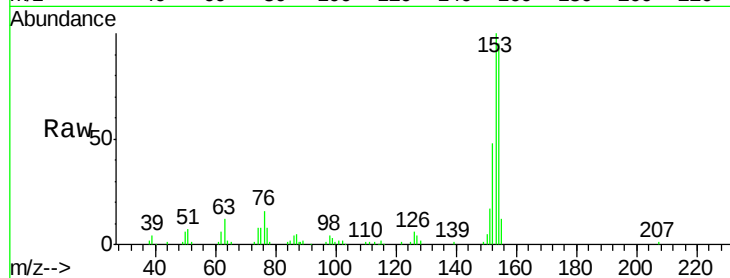
Tot Ion:154 Resp: 110290

Ion Ratio Lower Upper

154 100

153 105.6 90.0 135.0

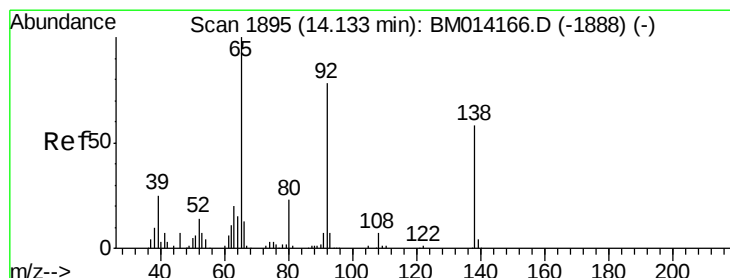
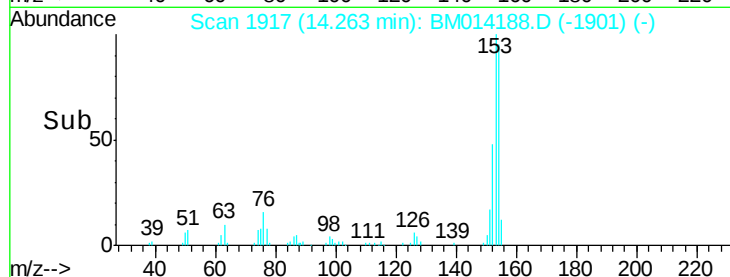
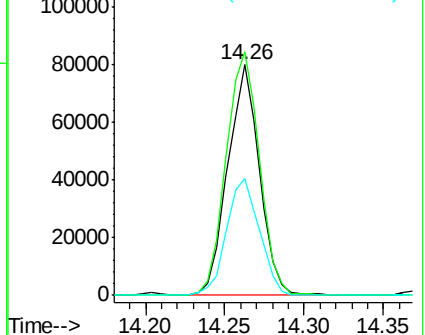
152 50.9 42.6 63.8



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: 5.418 ng

RT: 14.14 min Scan# 1897

Delta R.T. 0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

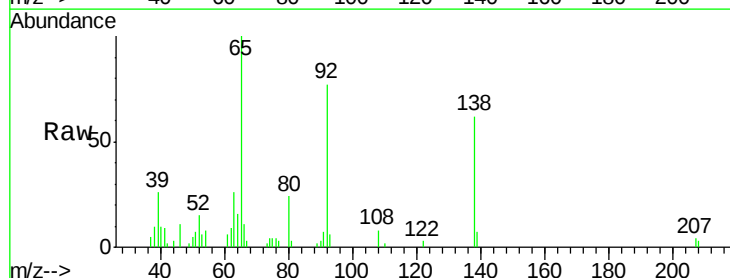
Tgt Ion:138 Resp: 22596

Ion Ratio Lower Upper

138 100

108 13.6 7.3 10.9#

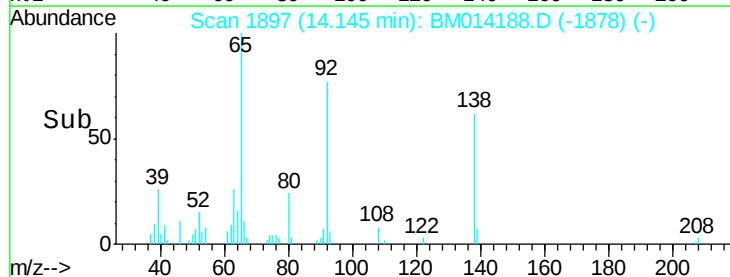
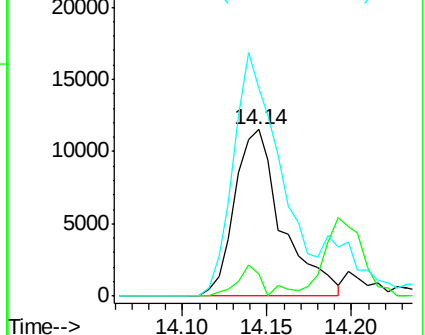
92 125.0 76.6 114.8#

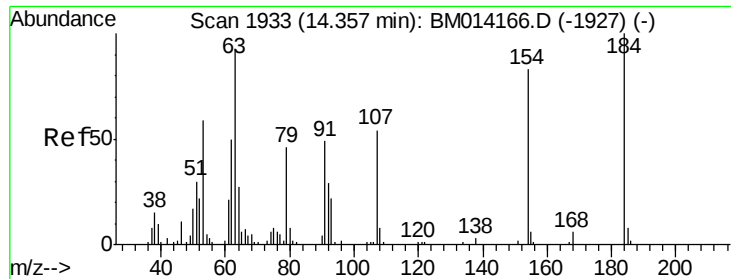


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

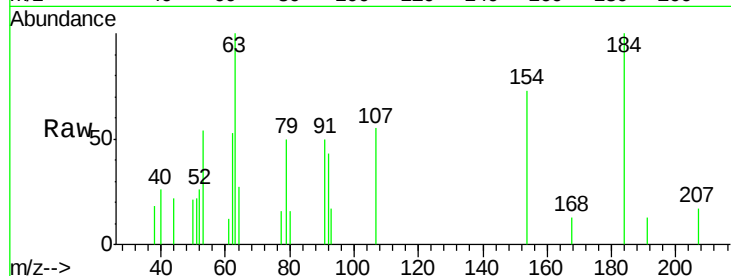




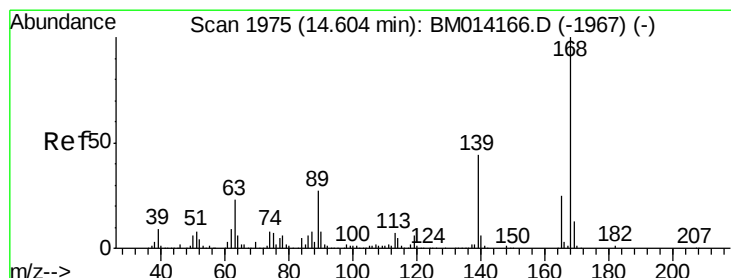
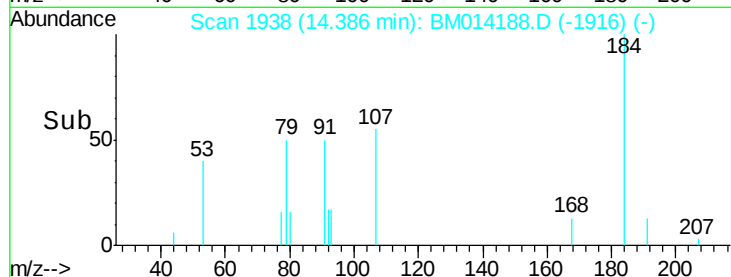
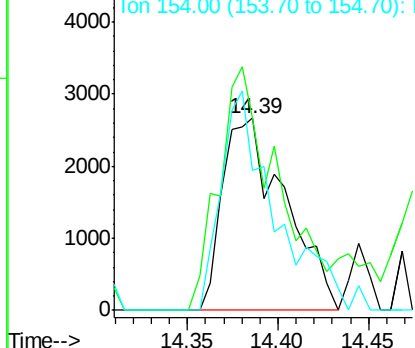
#53
2,4-Dinitrophenol
Concen: 10.190 ng
RT: 14.39 min Scan# 1938
Delta R.T. 0.03 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Instrument :
BNA_M
ClientSampled :

Tot Ion:184 Resp: 6394
Ion Ratio Lower Upper
184 100
63 99.8 69.2 103.8
154 72.6 53.3 79.9

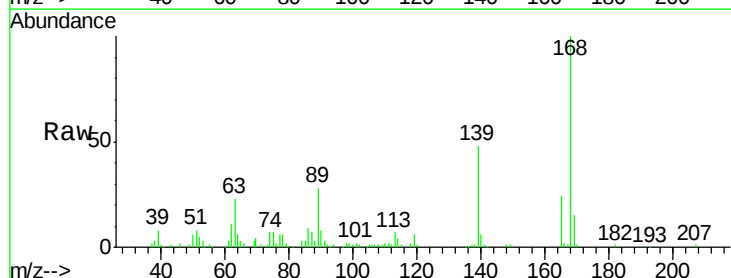


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

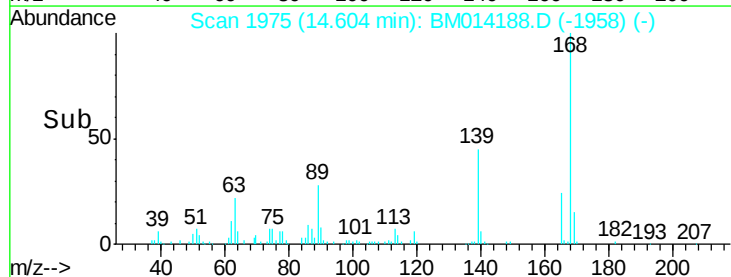
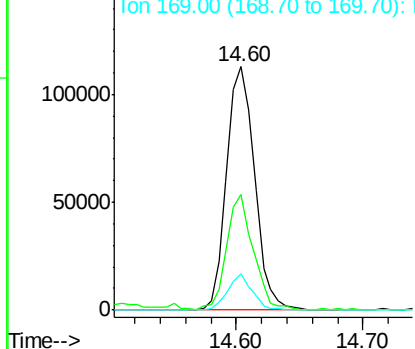


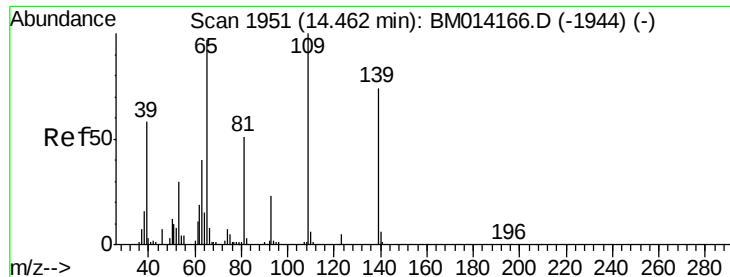
#54
Dibenzofuran
Concen: 7.583 ng
RT: 14.60 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion:168 Resp: 172844
Ion Ratio Lower Upper
168 100
139 47.5 27.3 40.9#
169 14.9 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

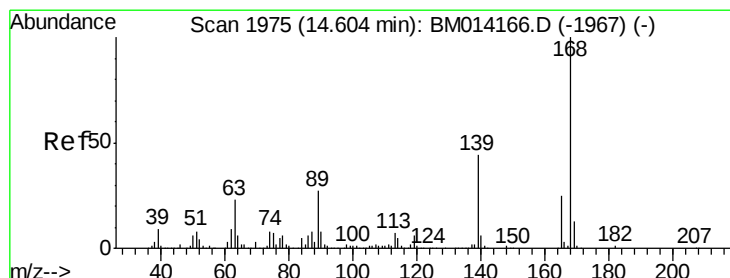
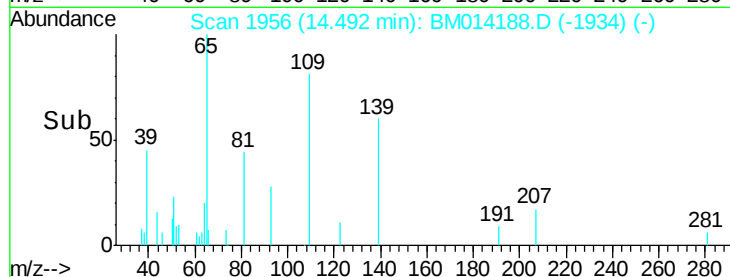
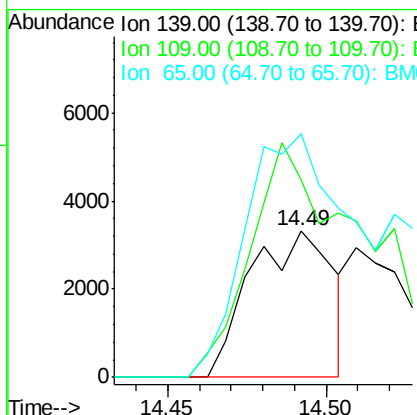
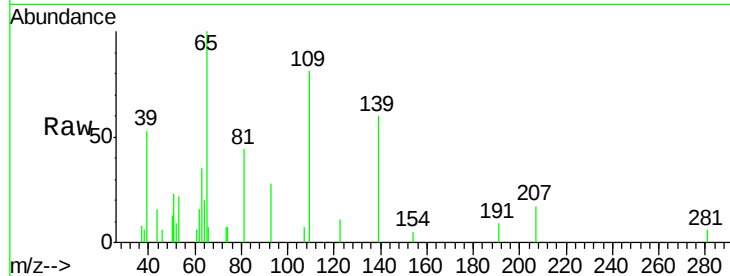




#55
4-Nitrophenol
Concen: 7.474 ng
RT: 14.49 min Scan# 1956
Delta R.T. 0.03 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

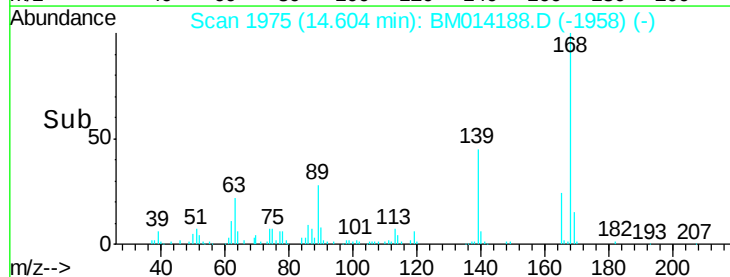
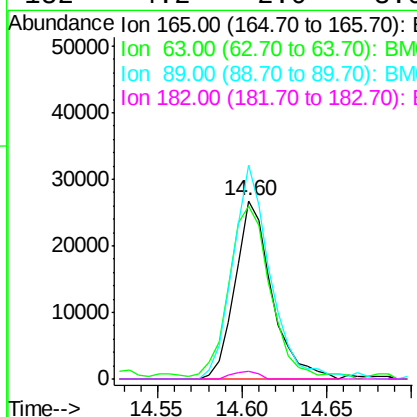
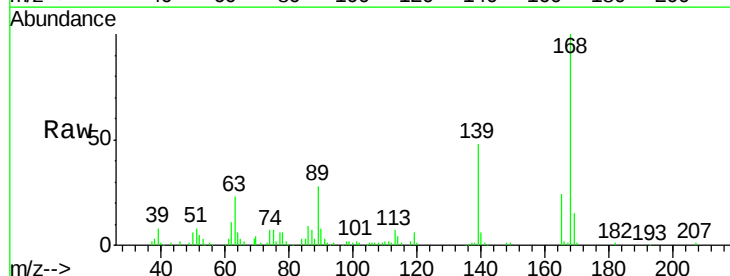
Instrument :
BNA_M
ClientSampleId :

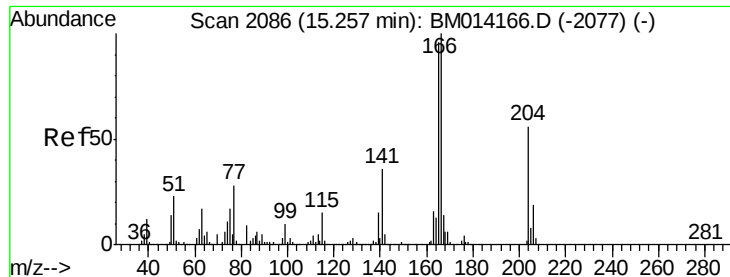
Tot Ion:139 Resp: 5993
Ion Ratio Lower Upper
139 100
109 135.0 130.0 170.0
65 166.3 130.0 170.0



#56
2,4-Dinitrotoluene
Concen: 6.523 ng
RT: 14.60 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion:165 Resp: 40587
Ion Ratio Lower Upper
165 100
63 96.5 52.4 78.6#
89 119.6 72.4 108.6#
182 4.2 2.0 3.0#





#57

Fluorene

Concen: 7.337 ng

RT: 15.26 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Instrument :

BNA_M

ClientSampleId :

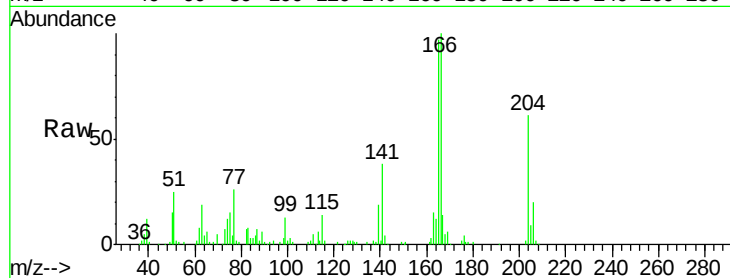
Tot Ion:166 Resp: 147127

Ion Ratio Lower Upper

166 100

165 97.5 79.0 118.4

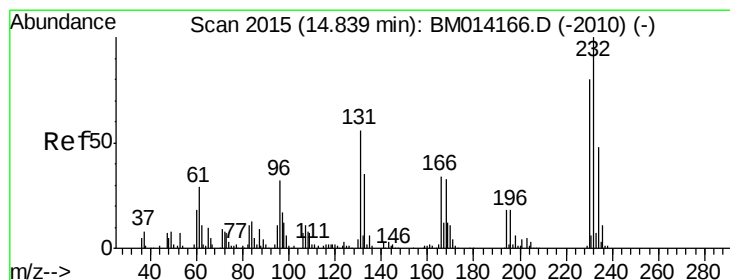
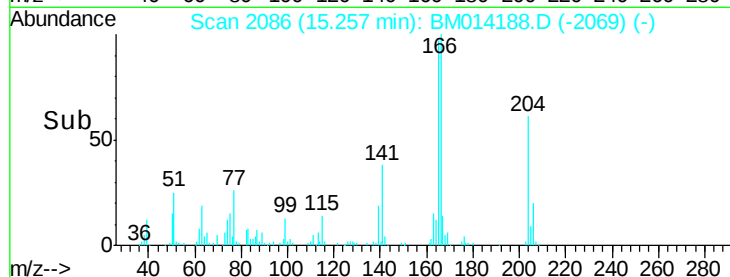
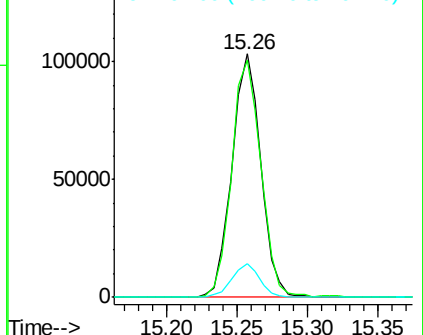
167 13.9 10.3 15.5



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: 6.946 ng

RT: 14.84 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Tgt Ion:232 Resp: 34135

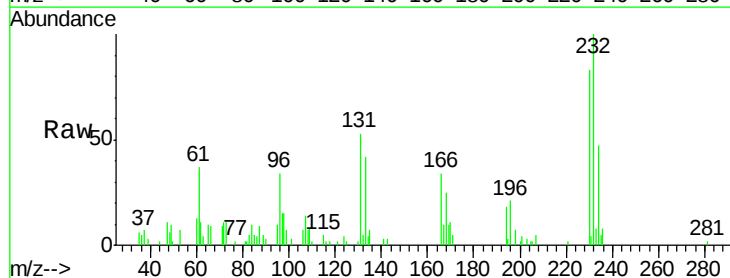
Ion Ratio Lower Upper

232 100

131 53.1 0.0 0.0#

130 2.8 0.0 0.0#

166 31.8 0.0 0.0#

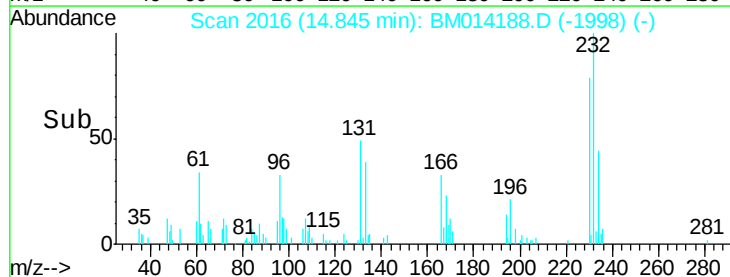
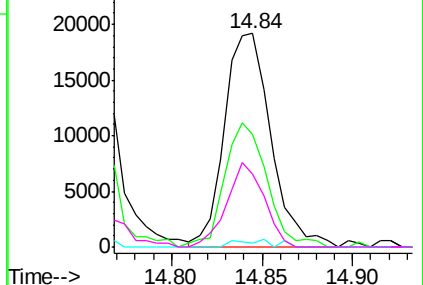


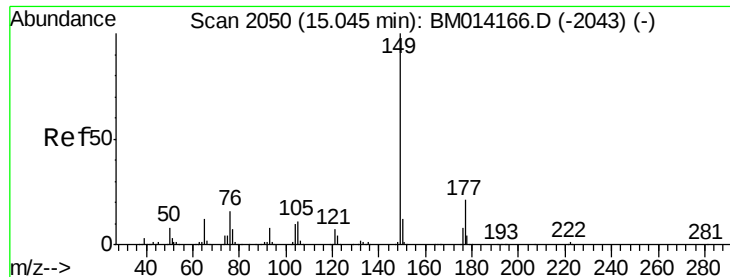
Abundance Ion 232.00 (231.70 to 232.70): E

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

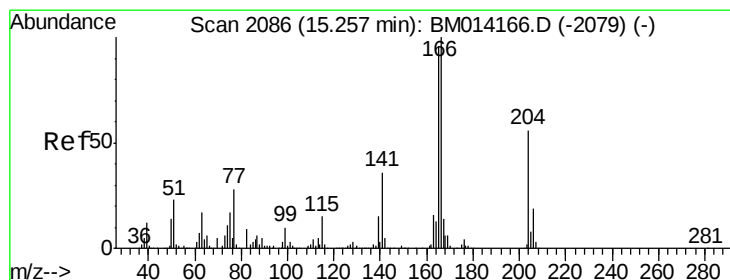
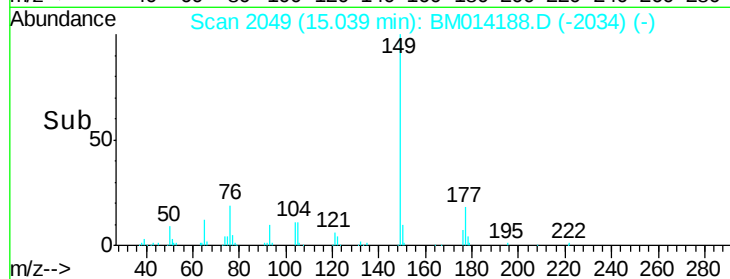
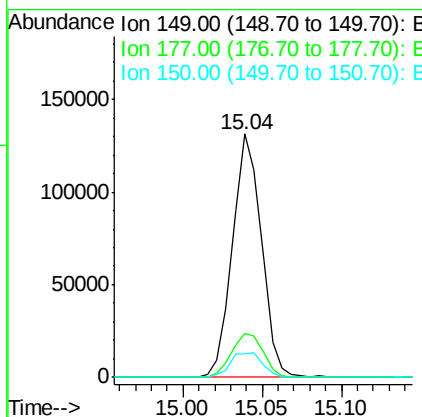
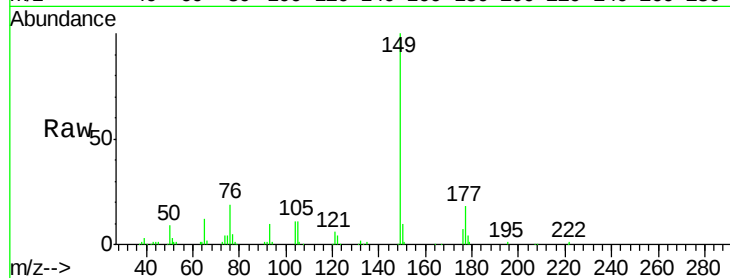




#59
Diethylphthalate
Concen: 7.625 ng
RT: 15.04 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

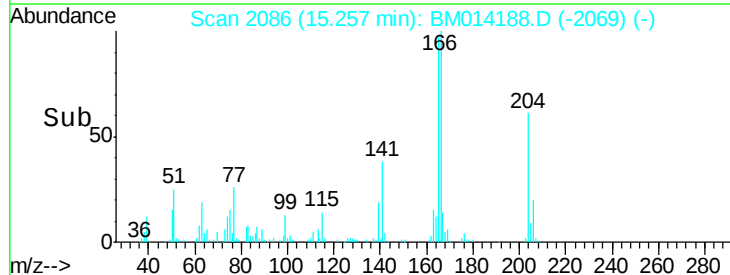
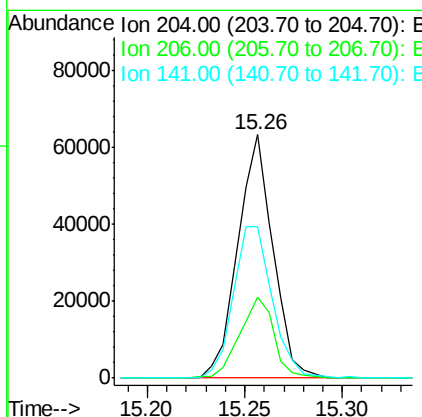
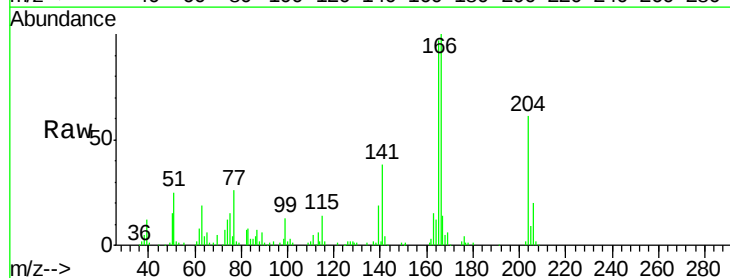
Instrument :
BNA_M
ClientSampleId :

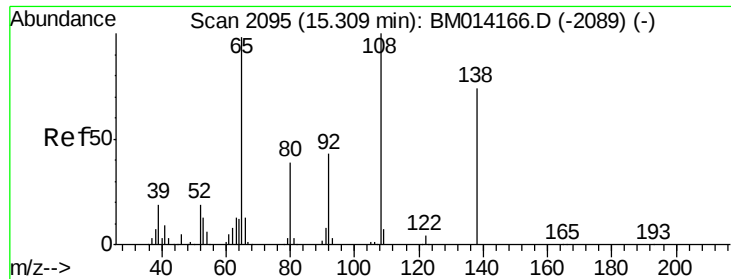
Tot Ion	Ratio	Lower	Upper
149	100		
177	17.9	18.3	27.5#
150	9.6	9.8	14.8#



#60
4-Chlorophenyl-phenylether
Concen: 7.544 ng
RT: 15.26 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	62.1	45.2	67.8





#61

4-Nitroaniline

Concen: 5.160 ng

RT: 15.32 min Scan# 2096

Delta R.T. 0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Instrument :

BNA_M

ClientSampleId :

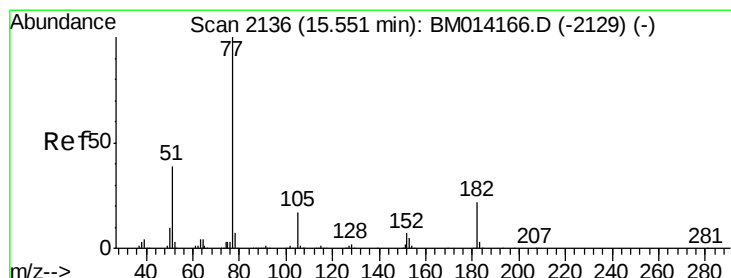
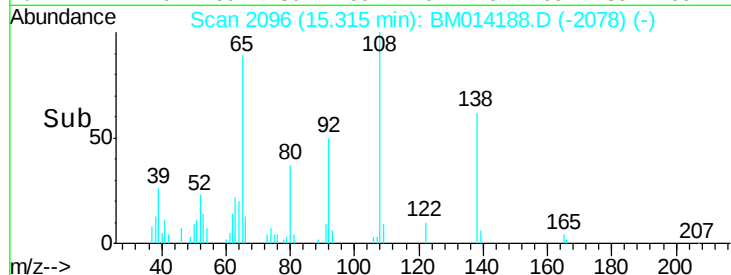
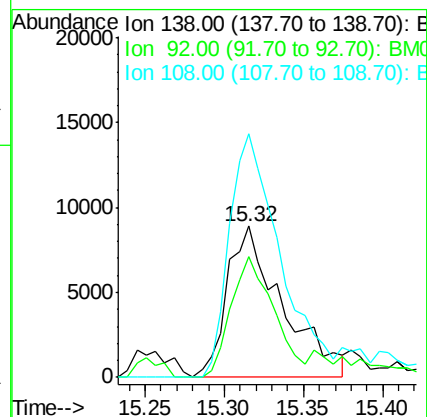
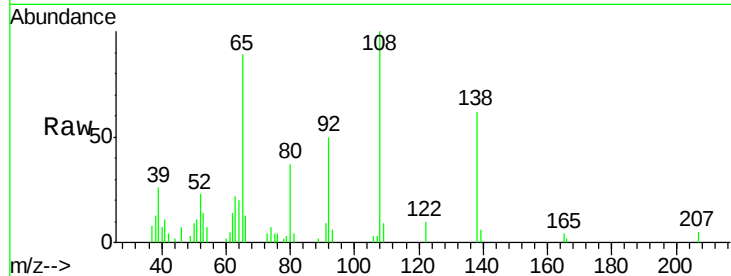
Tot Ion:138 Resp: 21533

Ion Ratio Lower Upper

138 100

92 79.9 16.7 56.7#

108 160.8 37.6 77.6#



#62

Azobenzene

Concen: 7.973 ng

RT: 15.55 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Tgt Ion: 77 Resp: 180601

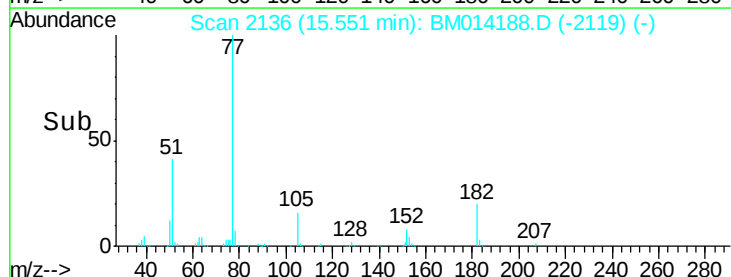
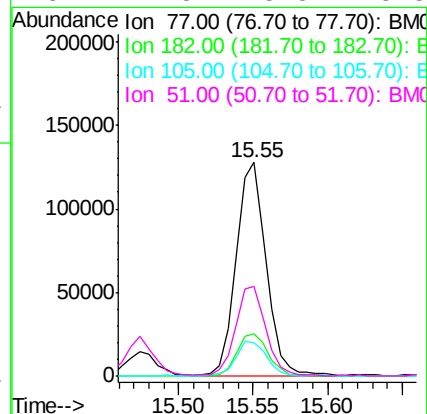
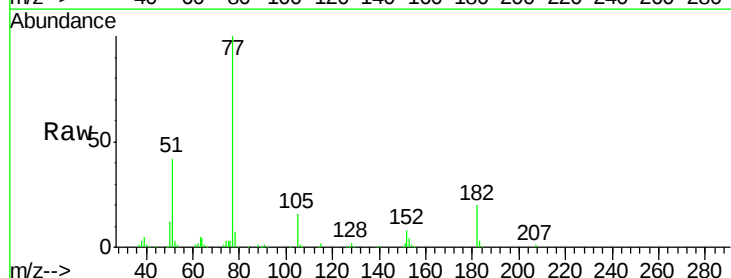
Ion Ratio Lower Upper

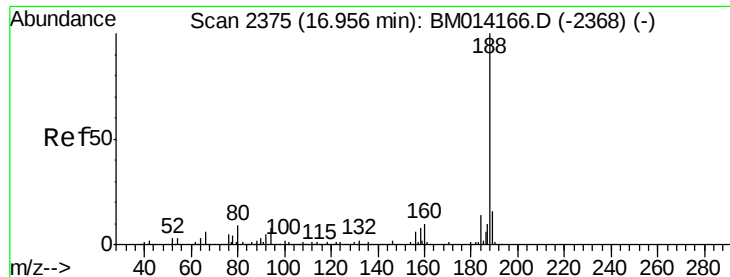
77 100

182 19.9 6.5 46.5

105 15.8 3.8 43.8

51 41.8 5.5 45.5

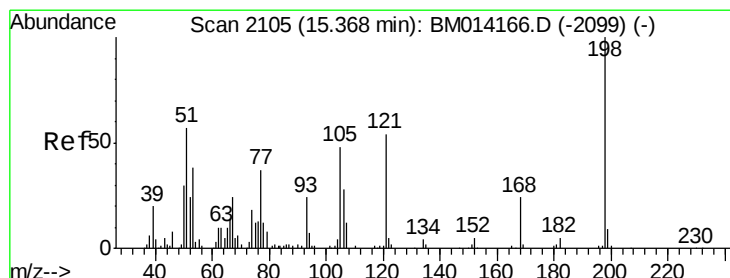
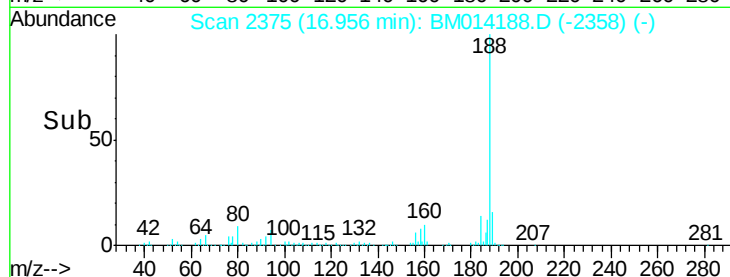
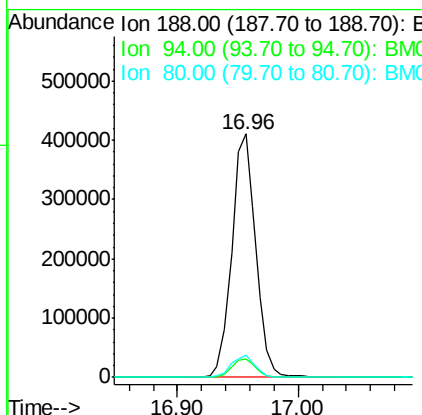
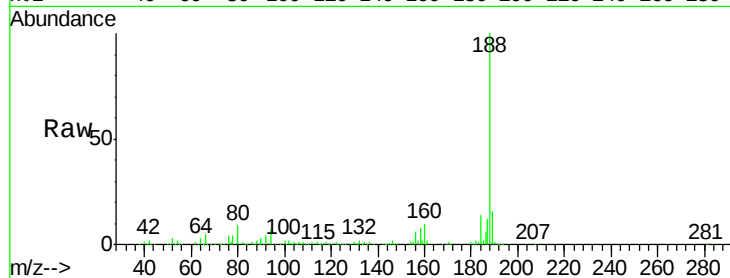




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

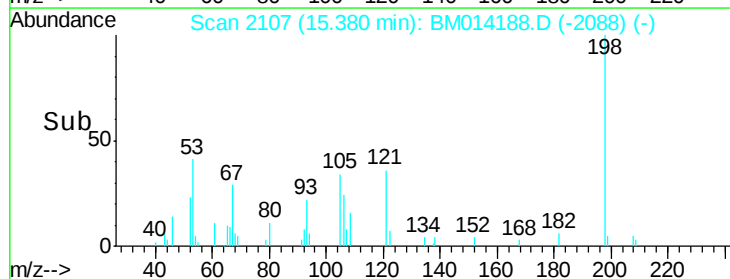
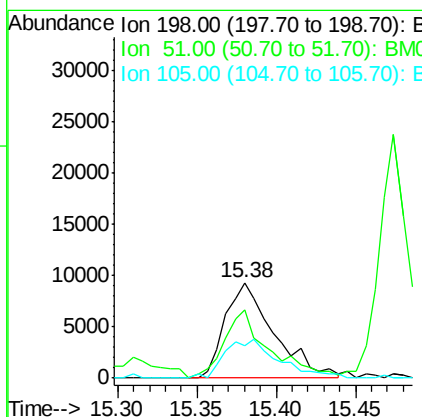
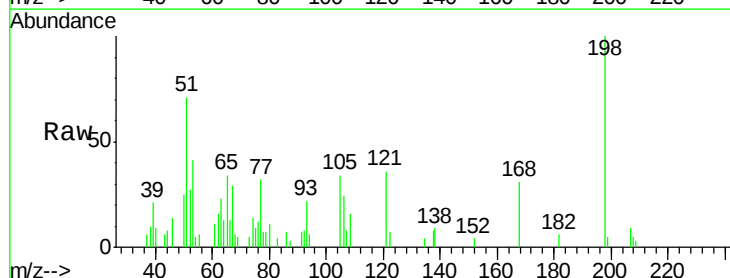
Instrument :
BNA_M
ClientSampled :

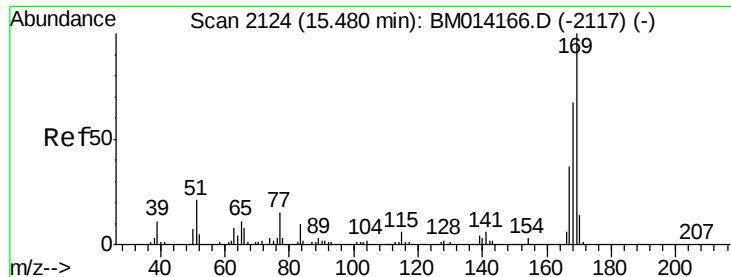
Tot Ion:188 Resp: 566724
Ion Ratio Lower Upper
188 100
94 7.5 8.7 13.1#
80 8.9 9.3 13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 10.106 ng
RT: 15.38 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion:198 Resp: 19925
Ion Ratio Lower Upper
198 100
51 71.3 28.8 68.8#
105 33.9 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 7.146 ng

RT: 15.47 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Instrument :

BNA_M

ClientSampleId :

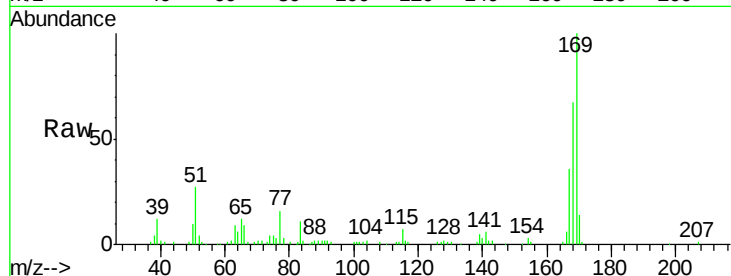
Tot Ion:169 Resp: 127856

Ion Ratio Lower Upper

169 100

168 67.5 53.9 80.9

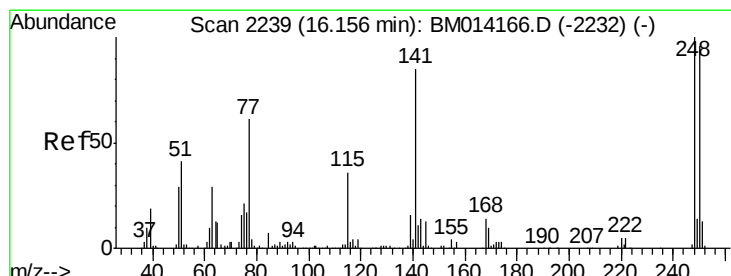
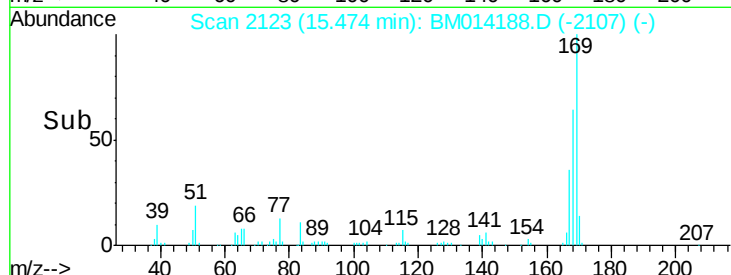
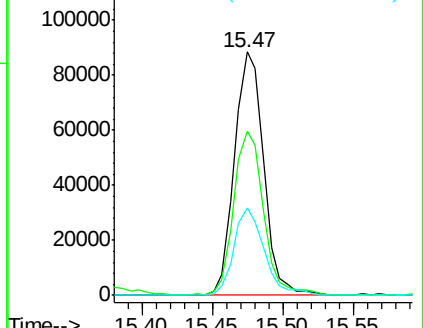
167 35.9 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 7.156 ng

RT: 16.15 min Scan# 2238

Delta R.T. -0.00 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

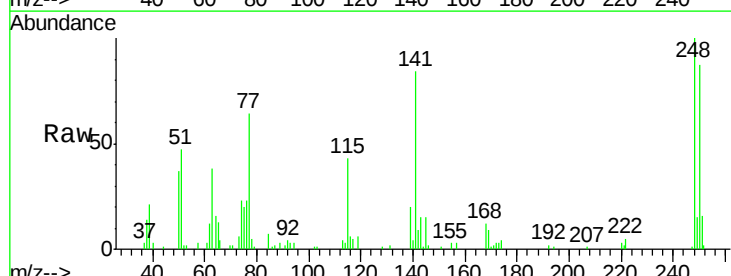
Tgt Ion:248 Resp: 47532

Ion Ratio Lower Upper

248 100

250 86.7 77.4 116.0

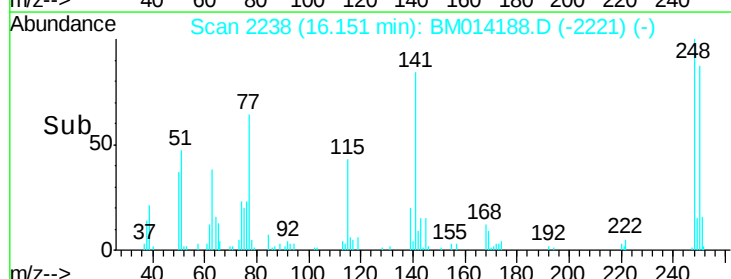
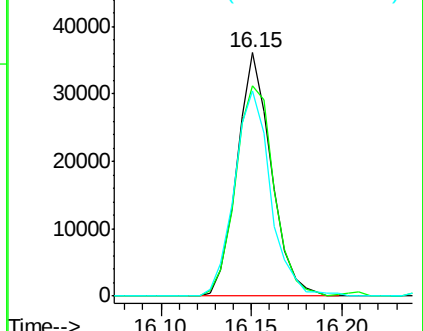
141 84.3 45.2 67.8#

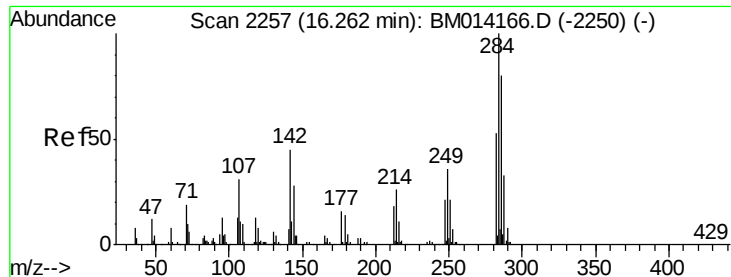


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

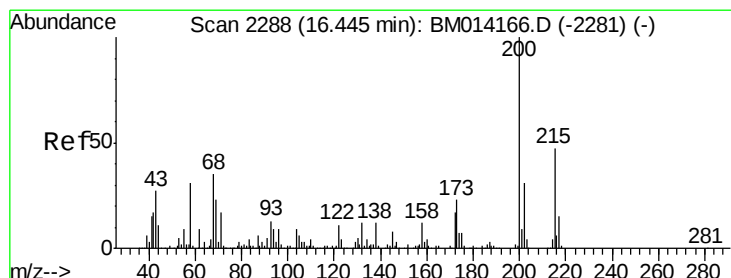
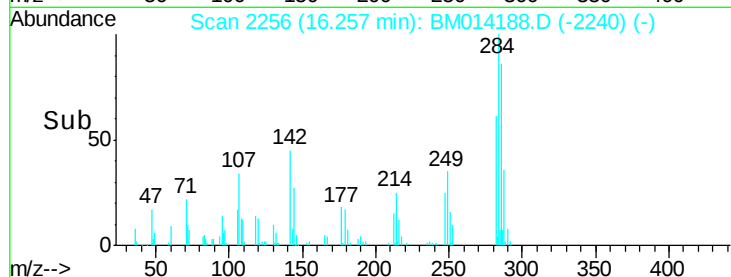
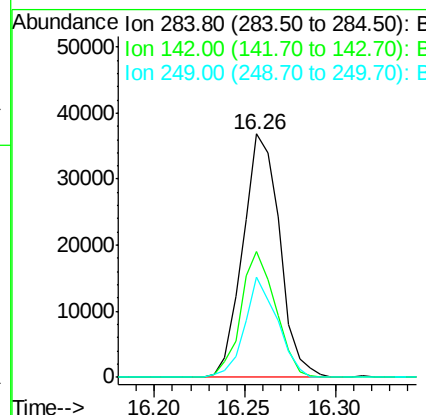
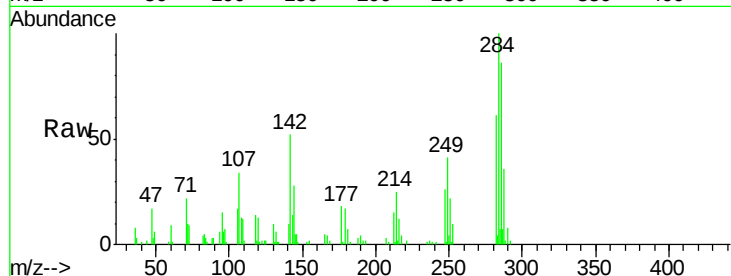




#67
Hexachlorobenzene
Concen: 7.141 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

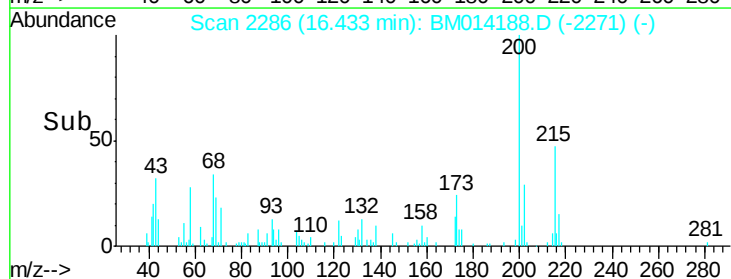
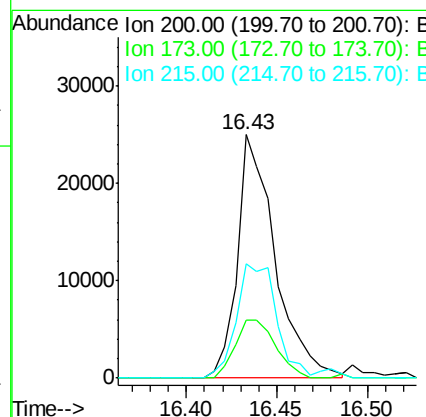
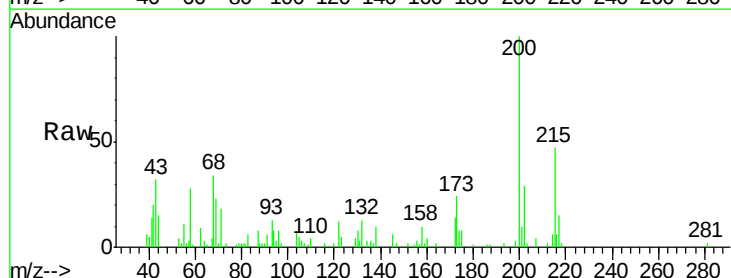
Instrument :
BNA_M
ClientSampled :

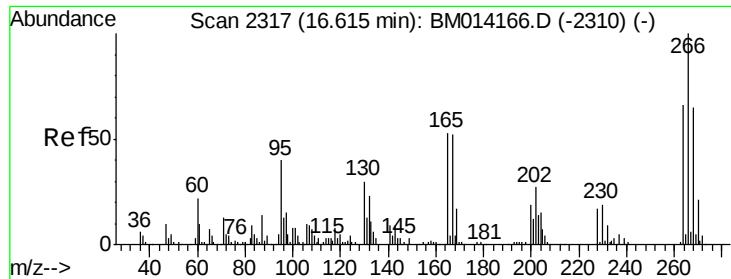
Tot Ion	Ratio	Lower	Upper
284	100		
142	51.7	20.4	30.6#
249	41.0	23.8	35.6#



#68
Atrazine
Concen: 5.423 ng
RT: 16.43 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.1	4.8	44.8
215	47.0	26.9	66.9

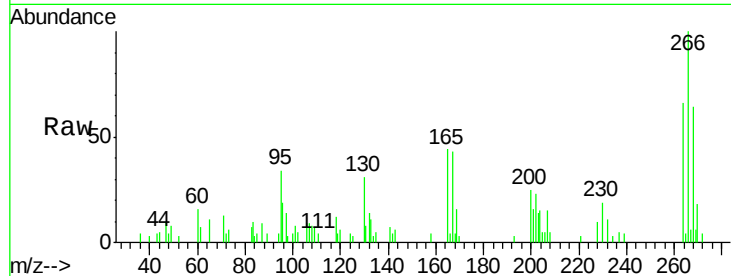




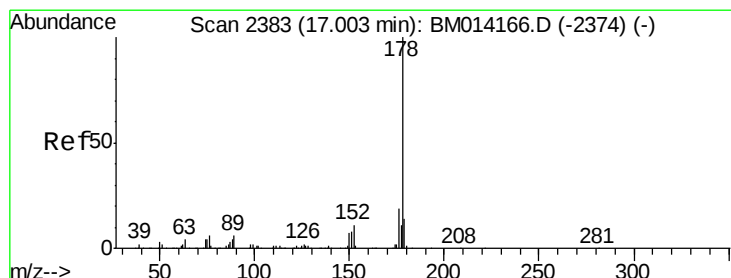
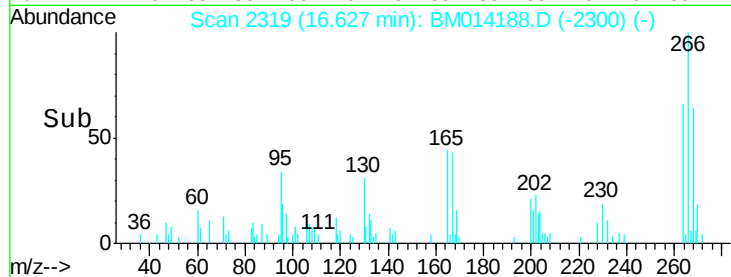
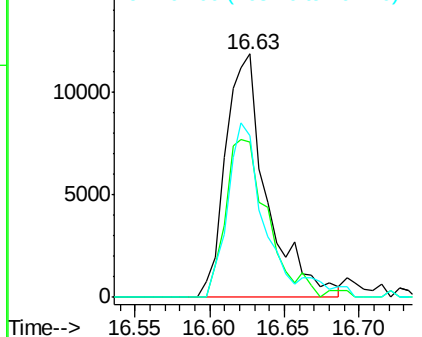
#69
 Pentachlorophenol
 Concen: 10.202 ng
 RT: 16.63 min Scan# 2319
 Delta R.T. 0.01 min
 Lab File: BM014188.D
 Acq: 08 Feb 2018 11:26

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:266 Resp: 23013
 Ion Ratio Lower Upper
 266 100
 268 64.0 52.0 78.0
 264 70.7 49.0 73.4

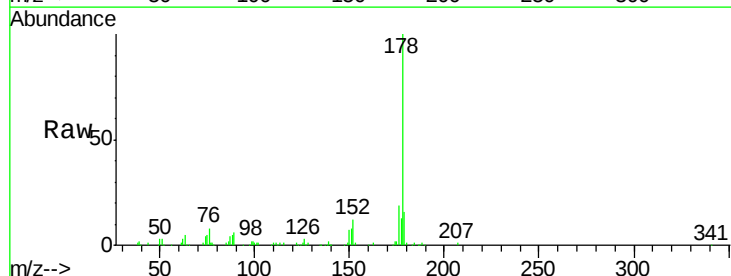


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

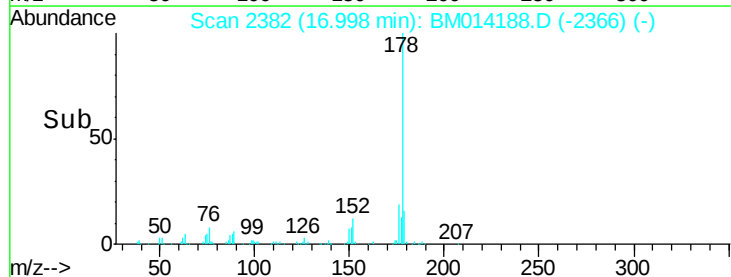
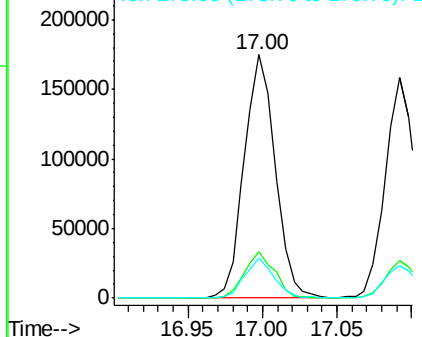


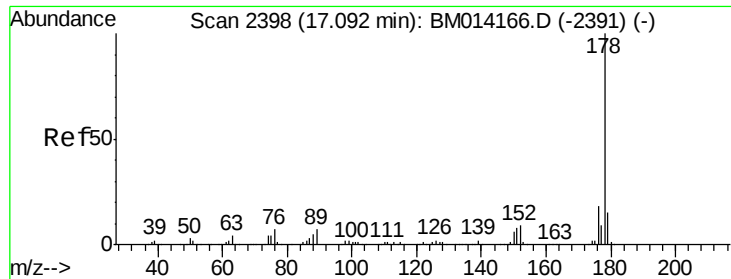
#70
 Phenanthrene
 Concen: 7.368 ng
 RT: 17.00 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM014188.D
 Acq: 08 Feb 2018 11:26

Tgt Ion:178 Resp: 251886
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 16.5 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 7.344 ng

RT: 17.09 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Instrument :

BNA_M

ClientSampleId :

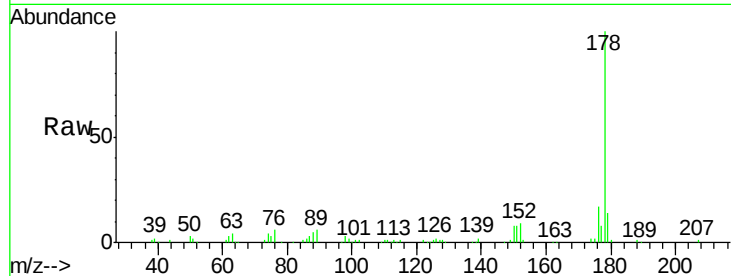
Tot Ion:178 Resp: 244646

Ion Ratio Lower Upper

178 100

176 16.8 14.6 22.0

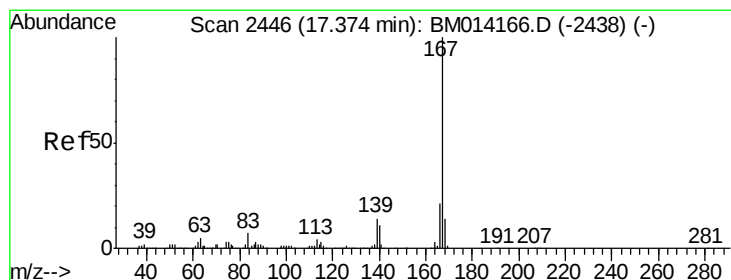
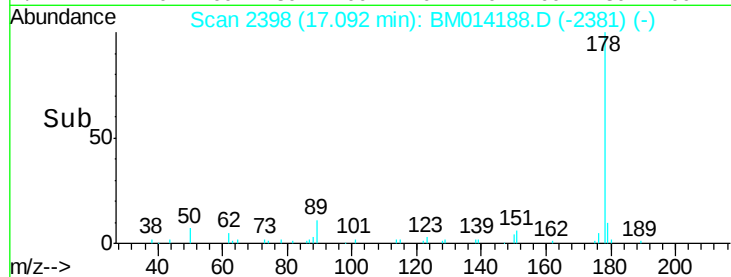
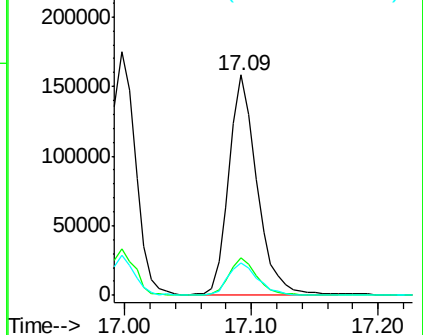
179 14.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 6.556 ng

RT: 17.38 min Scan# 2447

Delta R.T. 0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

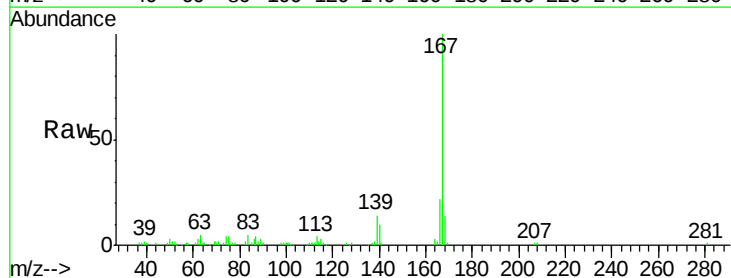
Tgt Ion:167 Resp: 205283

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

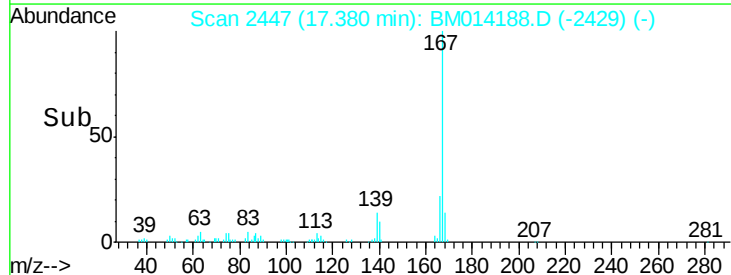
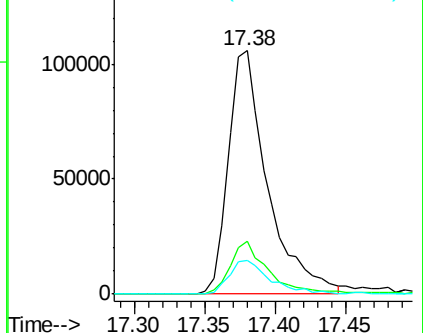
139 13.9 10.8 16.2

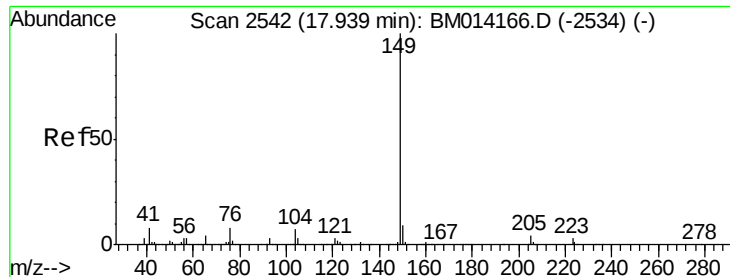


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

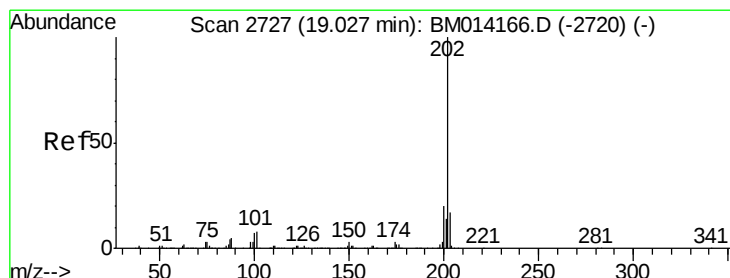
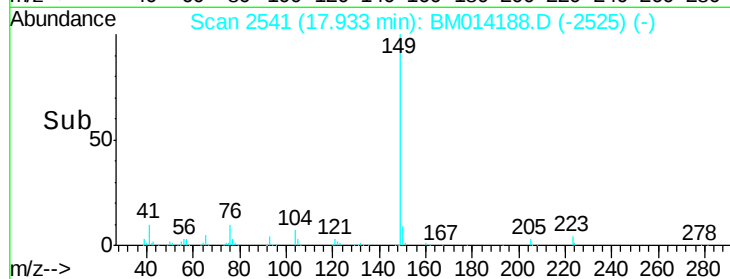
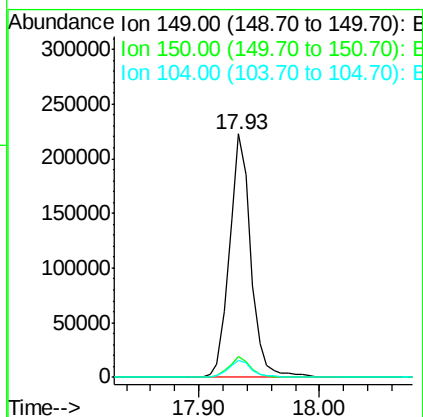
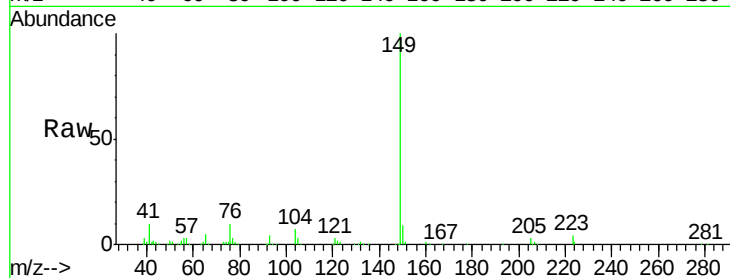




#73
Di-n-butylphthalate
Concen: 6.838 ng
RT: 17.93 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

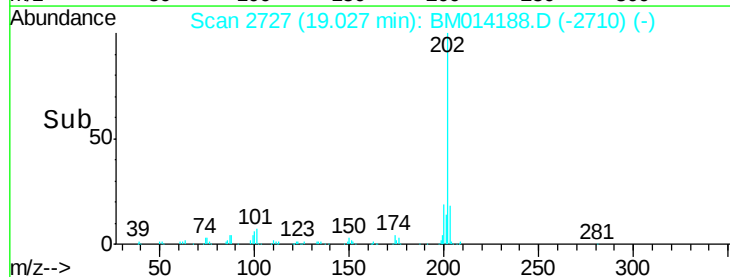
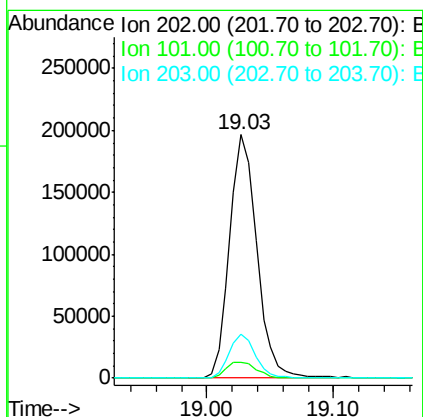
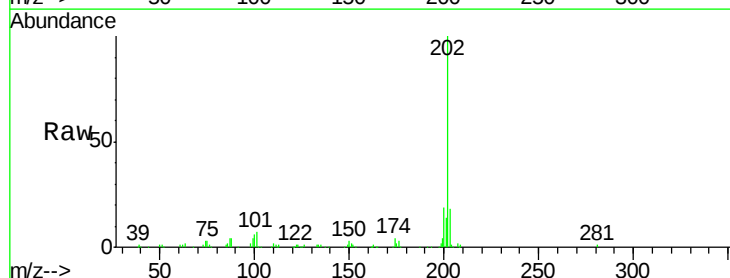
Instrument :
BNA_M
ClientSampleId :

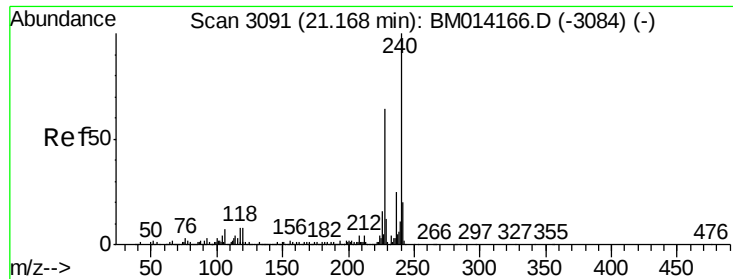
Tot Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.5	11.3
104	7.1	3.7	5.5



#74
Fluoranthene
Concen: 7.281 ng
RT: 19.03 min Scan# 2727
Delta R.T. -0.00 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	28.7
203	18.0	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Instrument :

BNA_M

ClientSampleId :

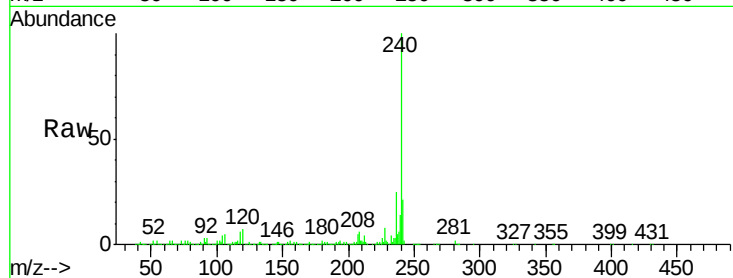
Tot Ion:240 Resp: 652897

Ion Ratio Lower Upper

240 100

120 6.8 8.2 12.2#

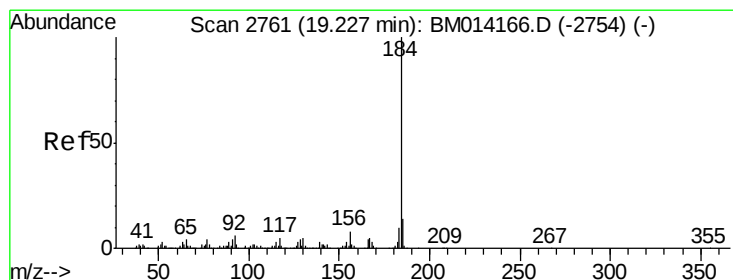
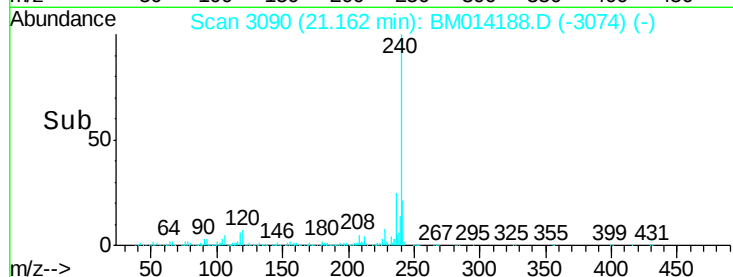
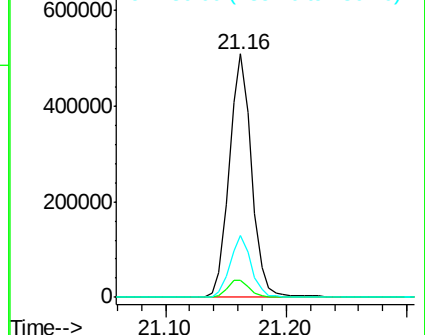
236 25.2 20.0 30.0



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: 2.804 ng

RT: 19.23 min Scan# 2762

Delta R.T. 0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

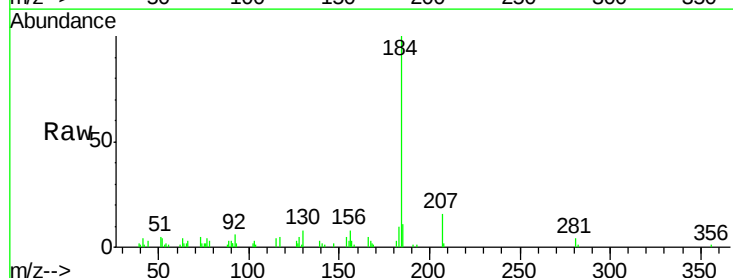
Tgt Ion:184 Resp: 54520

Ion Ratio Lower Upper

184 100

185 10.7 11.3 16.9#

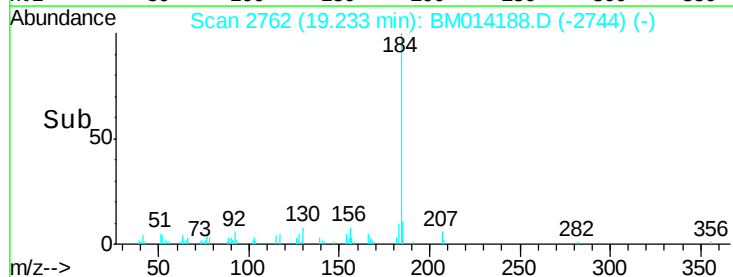
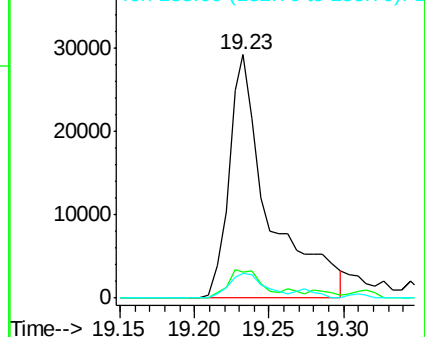
183 10.4 8.9 13.3

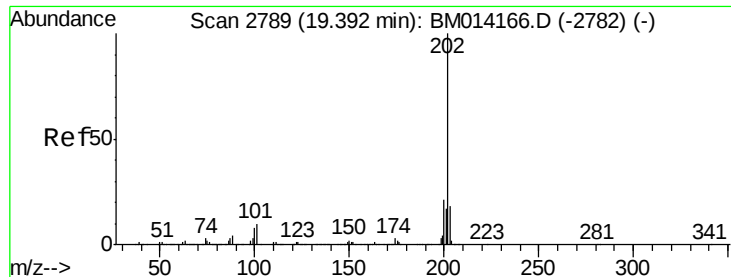


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

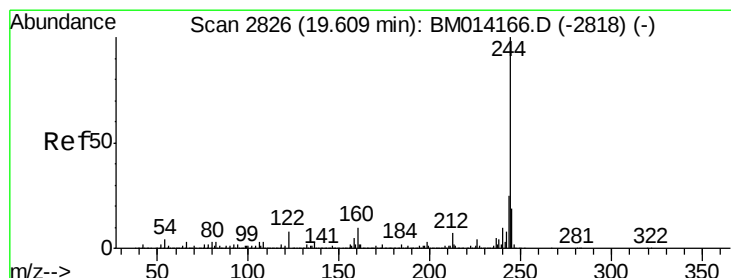
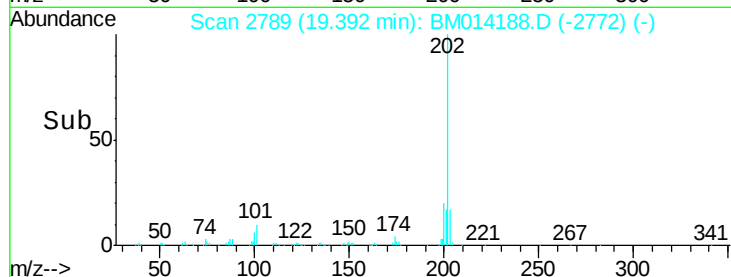
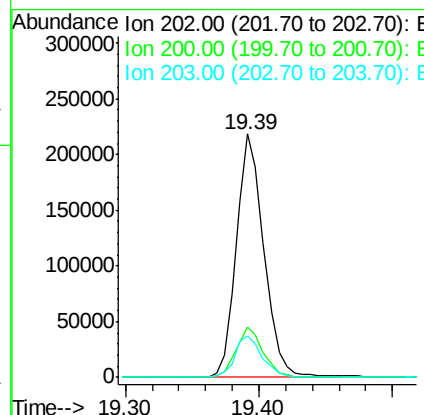
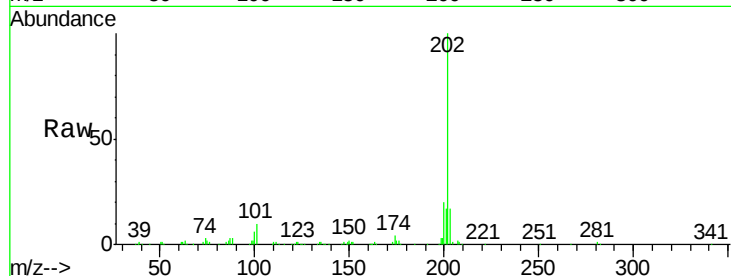




#77
Pvrene
Concen: 6.933 ng
RT: 19.39 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

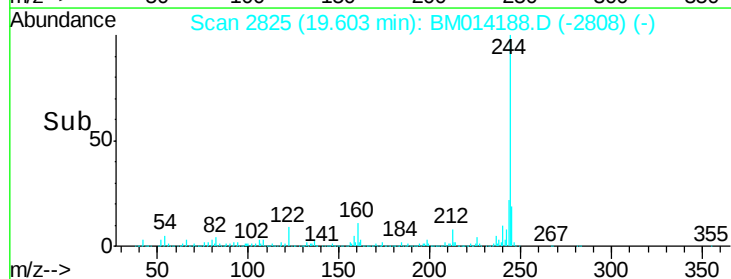
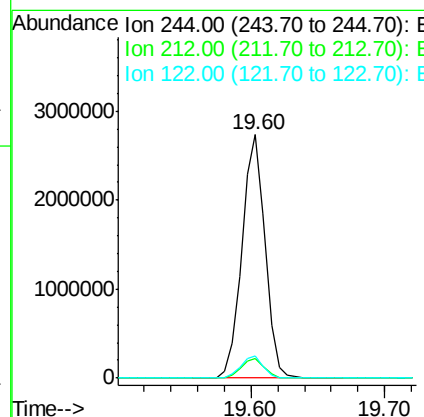
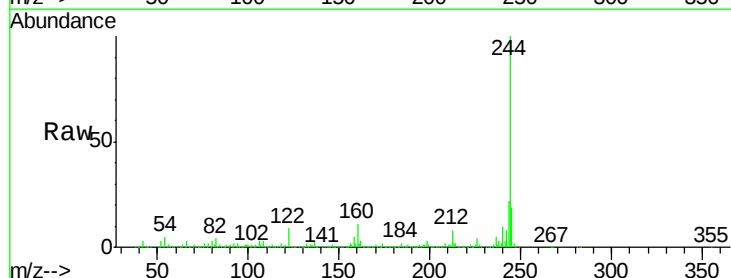
Instrument :
BNA_M
ClientSampleId :

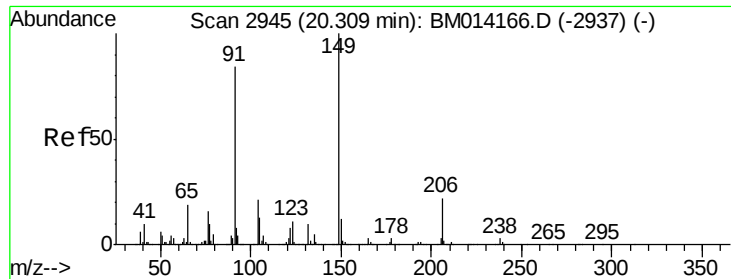
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	17.2	14.1	21.1



#78
Terphenyl-d14
Concen: 98.225 ng
RT: 19.60 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	8.9	6.2	9.4

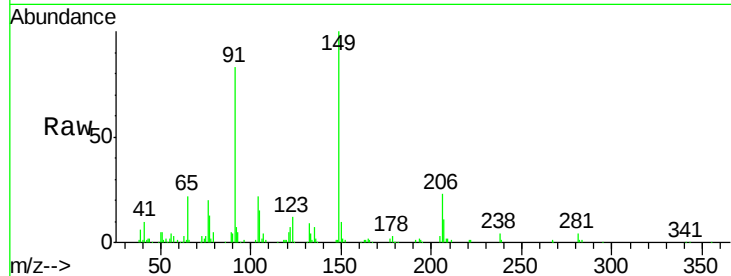




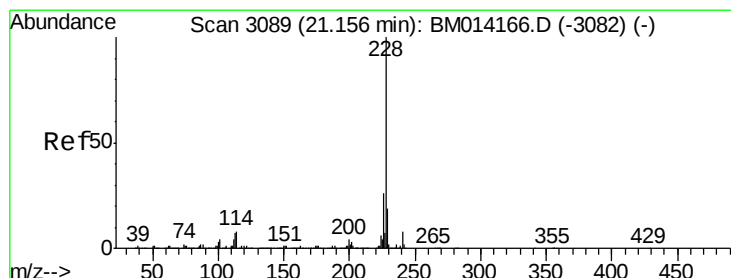
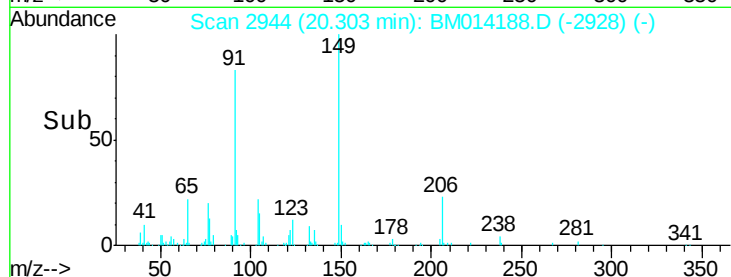
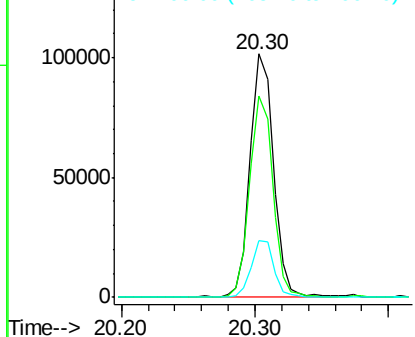
#79
Butylbenzylphthalate
Concen: 6.013 ng
RT: 20.30 min Scan# 2944
Delta R.T. -0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 122825
Ion Ratio Lower Upper
149 100
91 82.7 50.1 75.1#
206 23.5 16.2 24.2

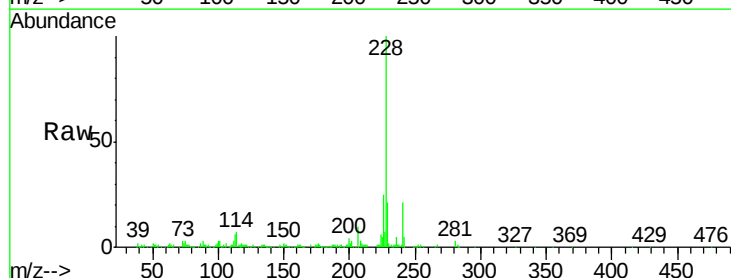


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM014188.D (-2928) (-)
Ion 206.00 (205.70 to 206.70): E

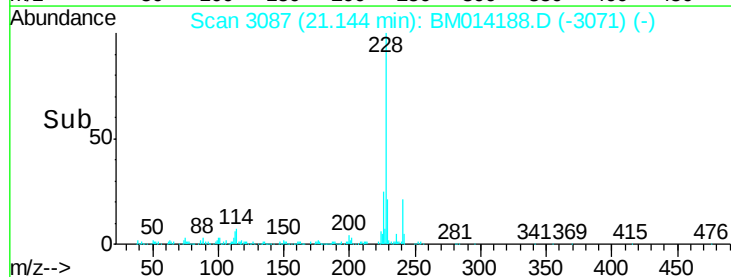
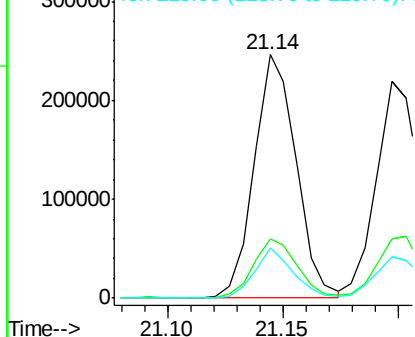


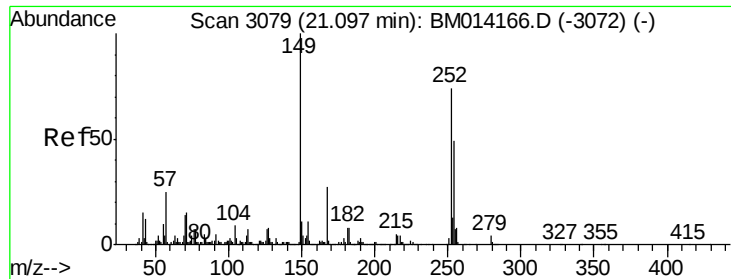
#80
Benzo(a)anthracene
Concen: 7.325 ng
RT: 21.14 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion:228 Resp: 310740
Ion Ratio Lower Upper
228 100
226 24.6 21.7 32.5
229 20.6 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

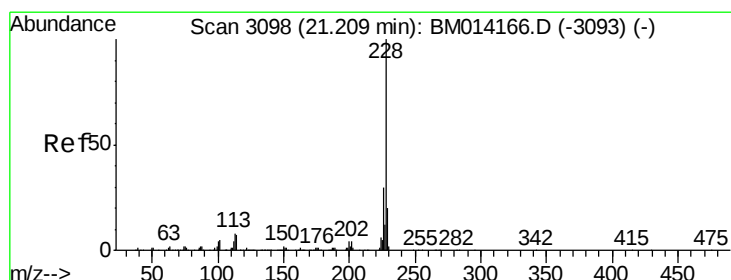
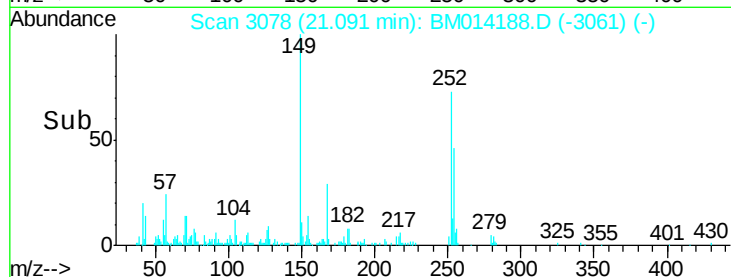
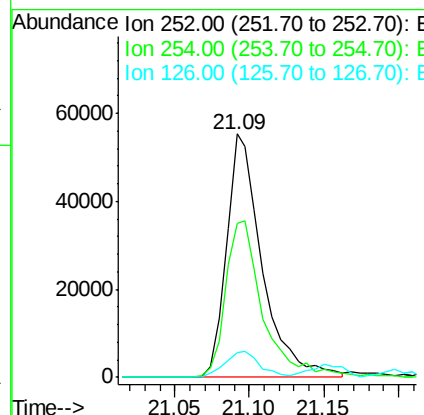
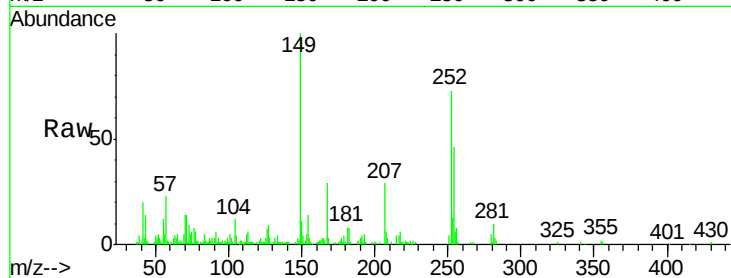




#81
 3,3'-Dichlorobenzidine
 Concen: 5.814 ng
 RT: 21.09 min Scan# 3078
 Delta R.T. -0.00 min
 Lab File: BM014188.D
 Acq: 08 Feb 2018 11:26

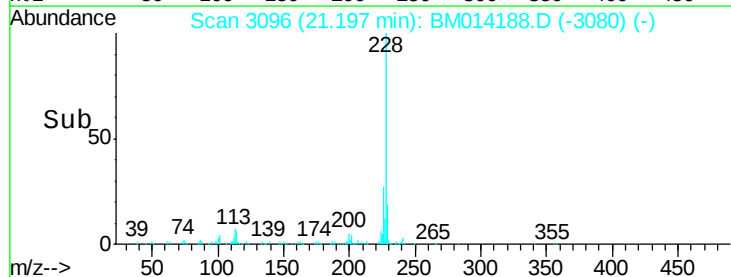
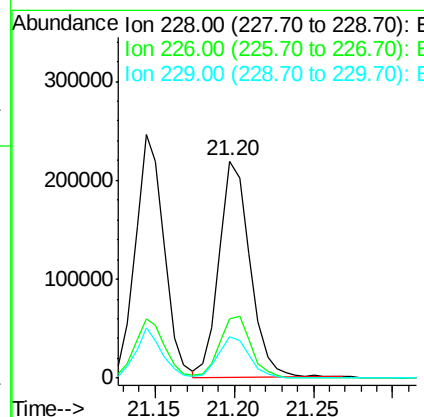
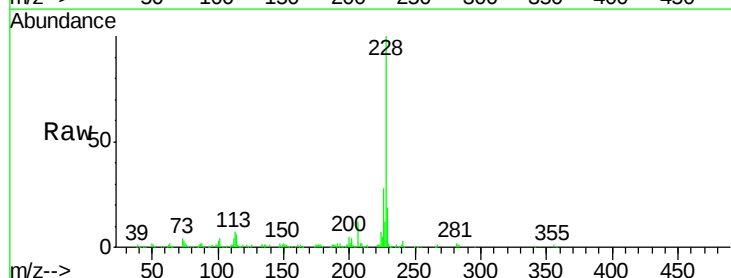
Instrument :
 BNA_M
 ClientSampleId :

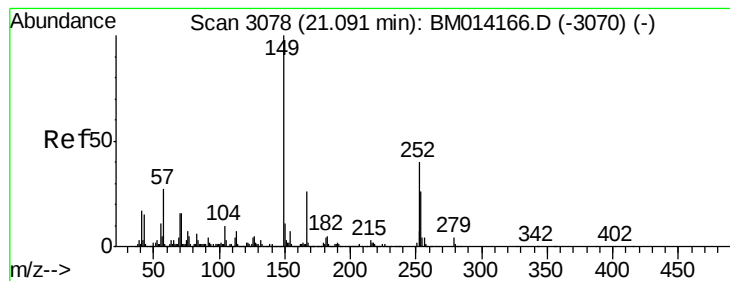
Tot Ion:252 Resp: 92185
 Ion Ratio Lower Upper
 252 100
 254 63.1 51.9 77.9
 126 10.2 9.8 14.8



#82
 Chrysene
 Concen: 7.245 ng
 RT: 21.20 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM014188.D
 Acq: 08 Feb 2018 11:26

Tgt Ion:228 Resp: 298142
 Ion Ratio Lower Upper
 228 100
 226 27.6 24.1 36.1
 229 19.3 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.844 ng

RT: 21.08 min Scan# 3076

Delta R.T. -0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Instrument :

BNA_M

ClientSampleId :

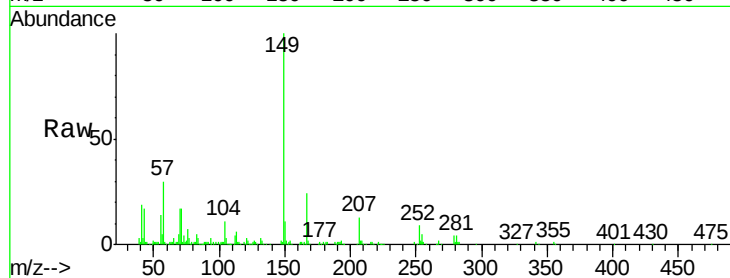
Tot Ion:149 Resp: 174116

Ion Ratio Lower Upper

149 100

167 24.0 22.4 33.6

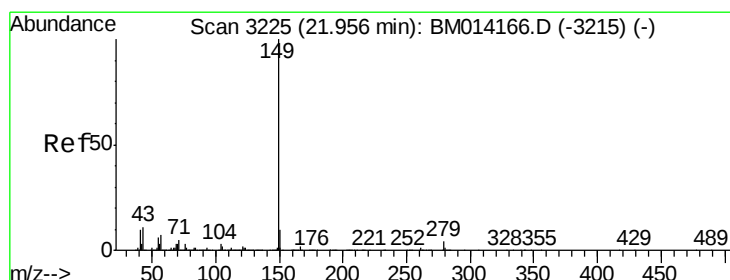
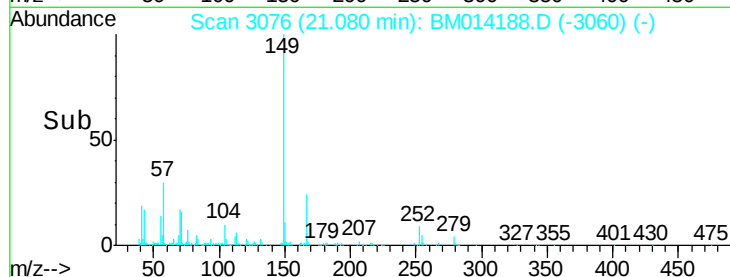
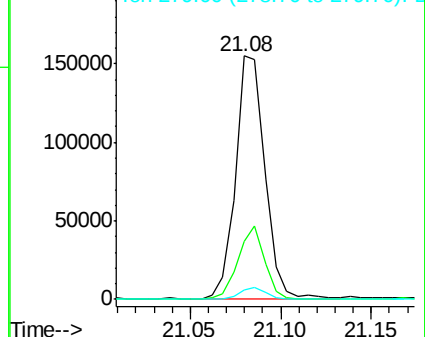
279 3.8 3.4 5.0



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: 6.401 ng

RT: 21.94 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

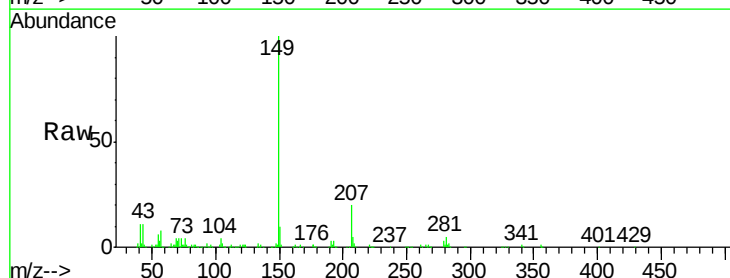
Tgt Ion:149 Resp: 264043

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

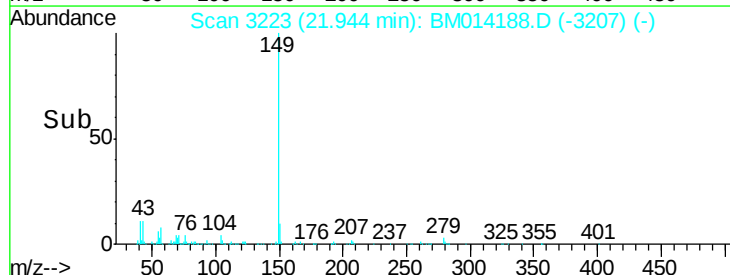
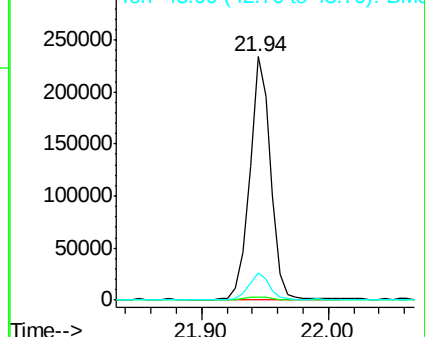
43 11.7 7.3 10.9#

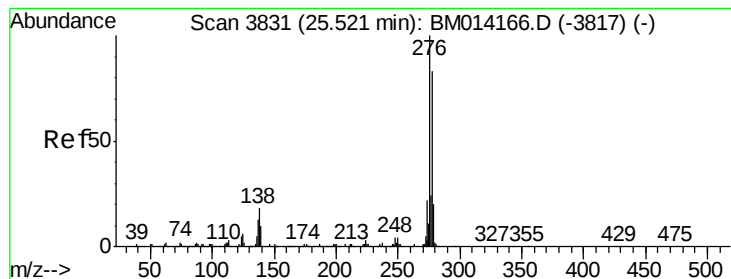


Abundance Ion 149.00 (148.70 to 149.70): E

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: 7.705 ng

RT: 25.51 min Scan# 3829

Delta R.T. -0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Instrument :

BNA_M

ClientSampleId :

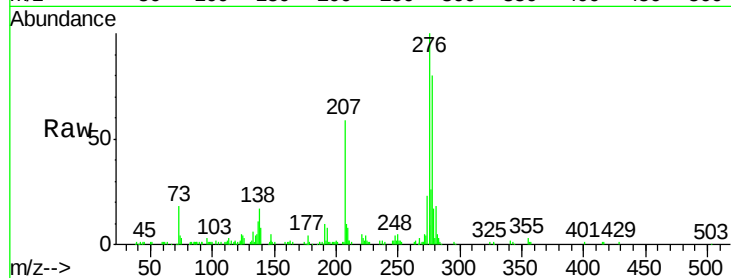
Tot Ion:276 Resp: 249300

Ion Ratio Lower Upper

276 100

138 17.0 12.0 18.0

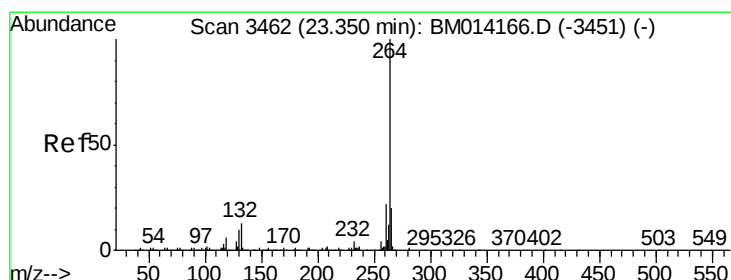
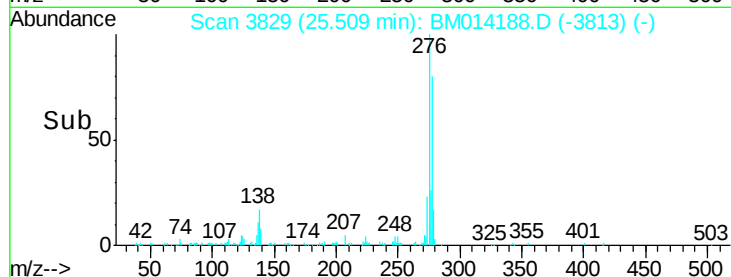
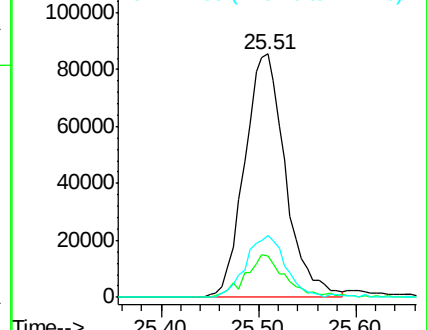
277 24.5 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

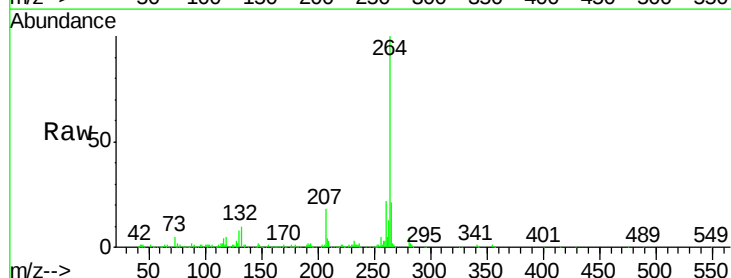
Tgt Ion:264 Resp: 580271

Ion Ratio Lower Upper

264 100

260 21.8 18.6 27.8

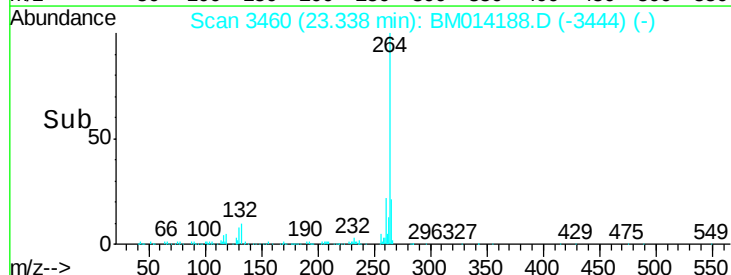
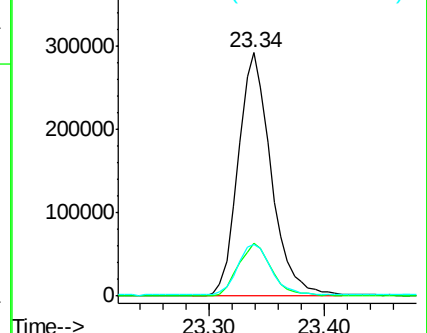
265 21.4 17.3 25.9

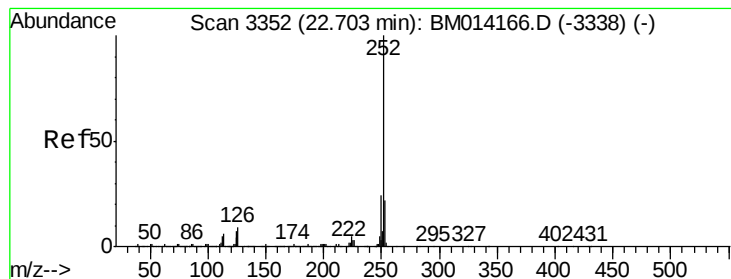


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 6.874 ng

RT: 22.69 min Scan# 3350

Delta R.T. -0.01 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Instrument :

BNA_M

ClientSampleId :

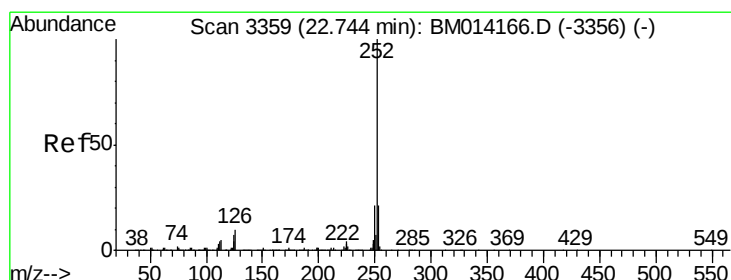
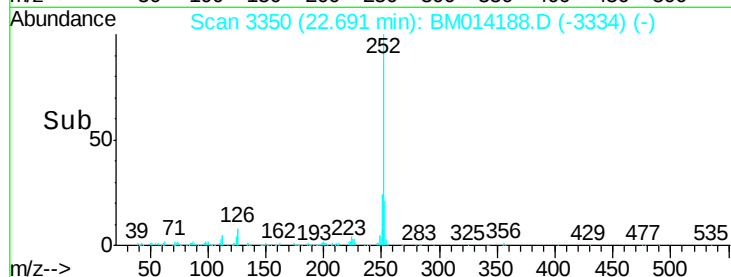
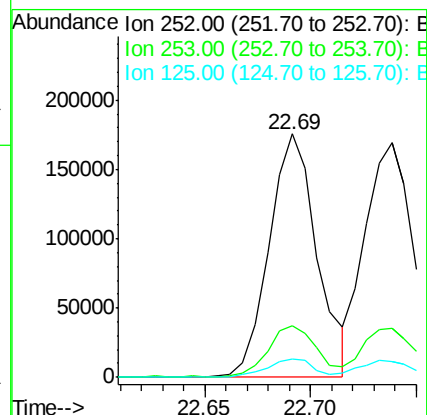
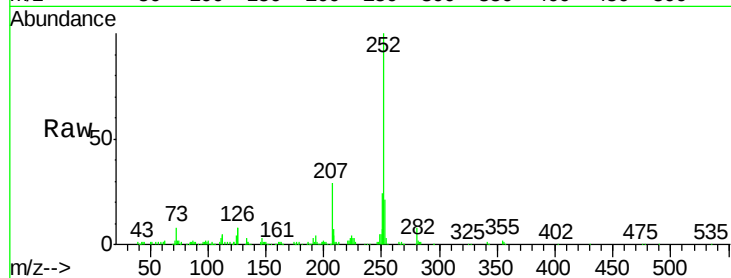
Tot Ion:252 Resp: 276784

Ion Ratio Lower Upper

252 100

253 21.1 18.0 27.0

125 7.7 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 7.252 ng

RT: 22.74 min Scan# 3358

Delta R.T. -0.00 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

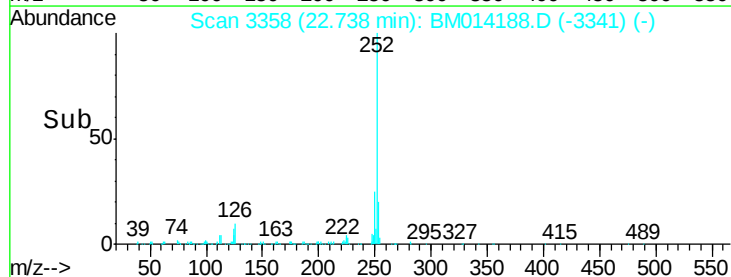
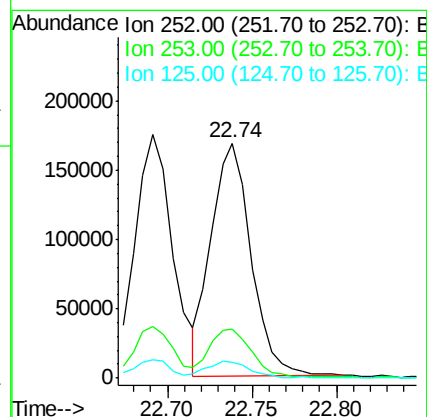
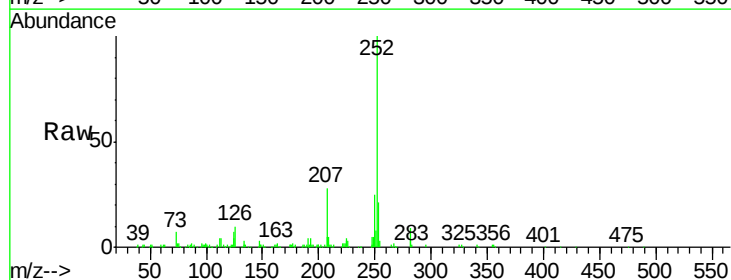
Tgt Ion:252 Resp: 277580

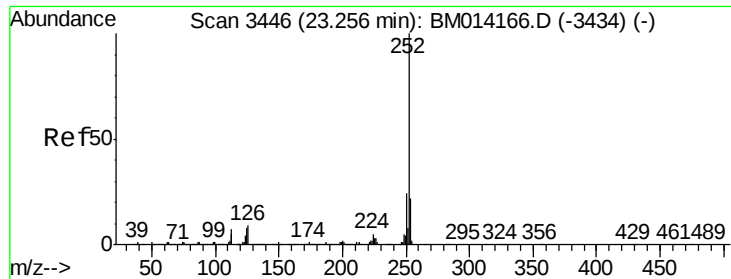
Ion Ratio Lower Upper

252 100

253 20.7 17.2 25.8

125 6.7 8.1 12.1#

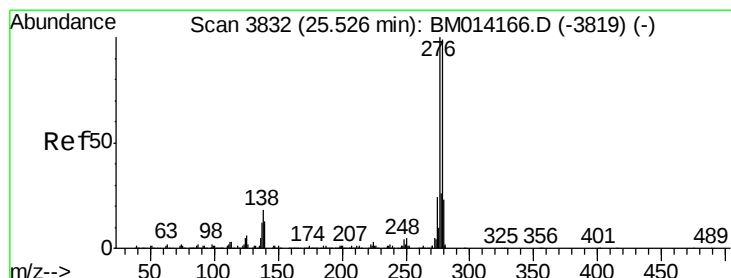
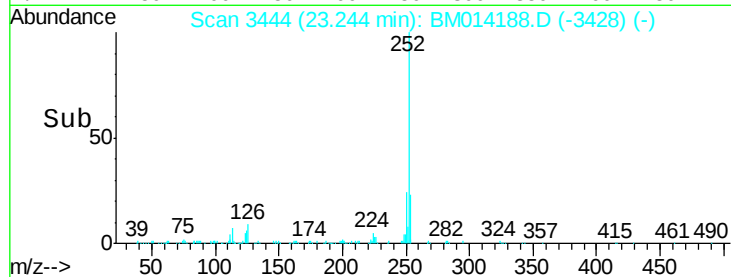
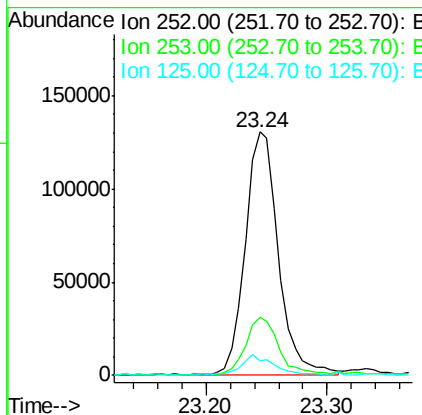
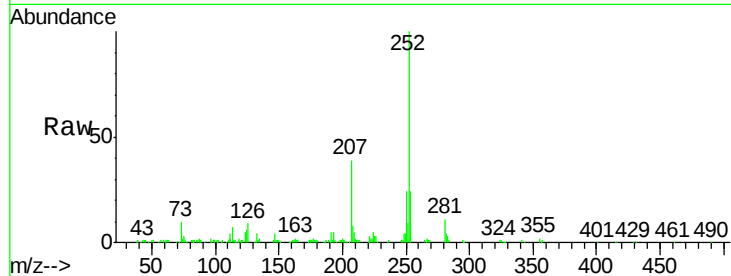




#89
Benzo(a)pyrene
Concen: 7.061 ng
RT: 23.24 min Scan# 3444
Delta R.T. -0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

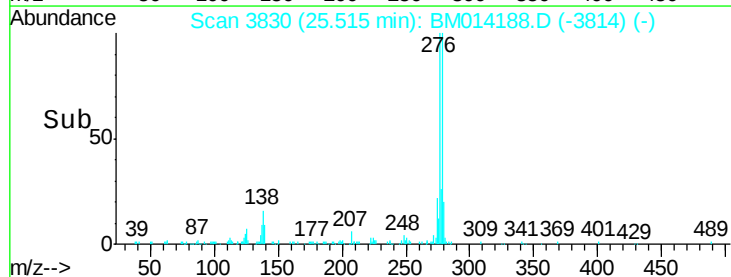
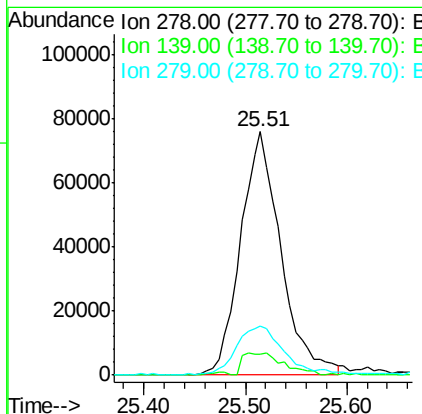
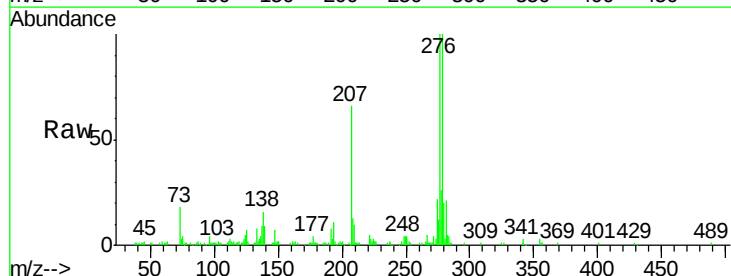
Instrument :
BNA_M
ClientSampleId :

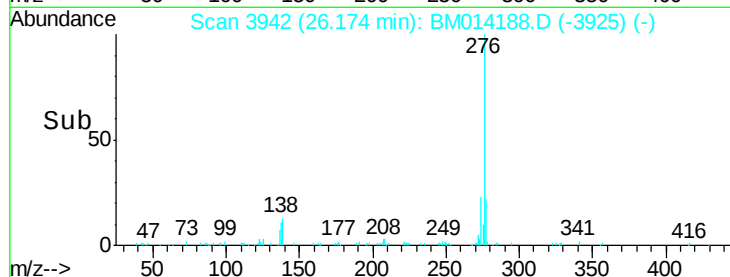
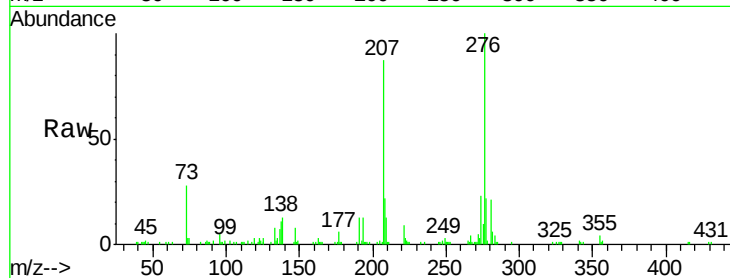
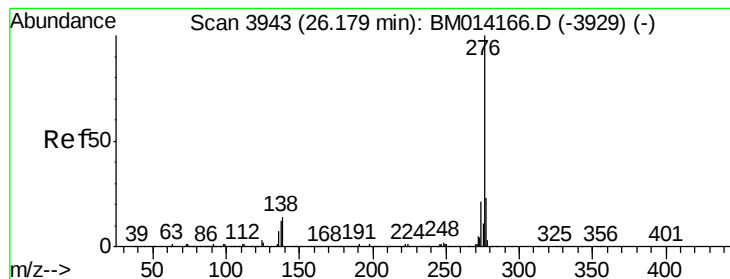
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	5.9	7.4	11.2#



#90
Dibenzo(a,h)anthracene
Concen: 7.269 ng
RT: 25.51 min Scan# 3830
Delta R.T. -0.01 min
Lab File: BM014188.D
Acq: 08 Feb 2018 11:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.5	13.4	20.0#
279	20.3	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 7.198 ng

RT: 26.17 min Scan# 3942

Delta R.T. -0.00 min

Lab File: BM014188.D

Acq: 08 Feb 2018 11:26

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 195143

Ion Ratio Lower Upper

276 100

277 21.6 18.5 27.7

138 13.3 19.0 28.6#

