

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021318\
 Data File : BM014218.D
 Acq On : 13 Feb 2018 11:28
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 14 04:15:08 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	74711	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	372333	20.00	ng	0.00
38) Acenaphthene-d10	14.19	164	273200	20.00	ng	0.00
63) Phenanthrene-d10	16.95	188	717516	20.00	ng	0.00
75) Chrysene-d12	21.16	240	780090	20.00	ng	-0.01
86) Perylene-d12	23.33	264	626069	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	322747	75.30	ng	0.00
7) Phenol-d6	6.73	99	468882	77.24	ng	0.00
23) Nitrobenzene-d5	8.70	82	644703	77.34	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	317261	81.84	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	1703940	77.86	ng	0.00
78) Terphenyl-d14	19.60	244	3105654	77.79	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	65531	37.20	ng	# 100
3) Pyridine	3.52	79	197779	40.55	ng	# 88
4) n-Nitrosodimethylamine	3.45	42	131086	42.19	ng	# 44
6) Aniline	6.89	93	287397	37.13	ng	# 88
8) 2-Chlorophenol	7.10	128	188847	38.76	ng	97
9) Benzaldehyde	6.70	77	159805	36.58	ng	82
10) Phenol	6.76	94	227746	38.00	ng	99
11) bis(2-Chloroethyl)ether	6.98	93	179981	37.99	ng	93
12) 1,3-Dichlorobenzene	7.42	146	226941	37.27	ng	# 84
13) 1,4-Dichlorobenzene	7.57	146	237088	38.75	ng	# 90
14) 1,2-Dichlorobenzene	7.88	146	235897	38.32	ng	# 92
15) Benzyl Alcohol	7.79	79	221034	39.29	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	8.07	45	183620	38.11	ng	88
17) 2-Methylphenol	7.99	107	175248	38.21	ng	# 78
18) Hexachloroethane	8.59	117	109013	41.23	ng	# 91
19) n-Nitroso-di-n-propylamine	8.35	70	208936	39.95	ng	# 89
20) 3+4-Methylphenols	8.32	107	253911	38.22	ng	86
22) Acetophenone	8.36	105	401281	37.48	ng	# 90
24) Nitrobenzene	8.74	77	319813	37.26	ng	94
25) Isophorone	9.26	82	516592	37.41	ng	# 90
26) 2-Nitrophenol	9.45	139	117737	36.37	ng	# 39
27) 2,4-Dimethylphenol	9.51	122	188290	38.16	ng	# 82
28) bis(2-Chloroethoxy)methane	9.74	93	274643	38.78	ng	97
29) 2,4-Dichlorophenol	9.97	162	218962	39.71	ng	92
30) 1,2,4-Trichlorobenzene	10.17	180	274788	37.80	ng	96
31) Naphthalene	10.36	128	776256	38.08	ng	99
32) Benzoic acid	9.70	122	135132	33.90	ng	# 77
33) 4-Chloroaniline	10.49	127	326163	38.49	ng	# 84
34) Hexachlorobutadiene	10.63	225	201951	40.50	ng	98
35) Caprolactam	11.30	113	73511	37.28	ng	# 86
36) 4-Chloro-3-methylphenol	11.63	107	275552	40.34	ng	# 87
37) 2-Methylnaphthalene	11.98	142	609460	39.69	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	368046	38.45	ng	# 100
40) Hexachlorocyclopentadiene	12.33	237	179908	35.77	ng	98

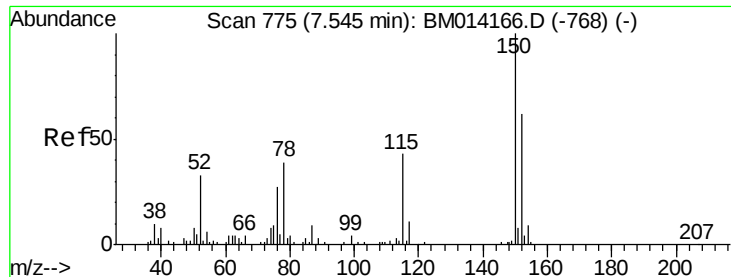
Data Path : Z:\HPCHEM1\BNA M\DATA\BM021318\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.62	196	217788	38.73	nq	99
43) 2,4,5-Trichlorophenol	12.69	196	243200	39.17	nq	# 85
45) 1,1'-Biphenyl	13.02	154	924058	39.05	nq	98
46) 2-Chloronaphthalene	13.06	162	700259	38.98	nq	# 91
47) 2-Nitroaniline	13.29	65	257877	39.01	nq	# 71
48) Acenaphthylene	13.92	152	1155341	39.22	nq	99
49) Dimethylphthalate	13.67	163	948311	38.77	nq	# 99
50) 2,6-Dinitrotoluene	13.80	165	192685	38.39	nq	# 66
51) Acenaphthene	14.26	154	715066	39.38	nq	98
52) 3-Nitroaniline	14.13	138	191323	36.86	nq	# 64
53) 2,4-Dinitrophenol	14.35	184	86739	35.12	nq	89
54) Dibenzofuran	14.60	168	1125135	39.66	nq	# 88
55) 4-Nitrophenol	14.46	139	131559	35.46	nq	# 80
56) 2,4-Dinitrotoluene	14.60	165	300609	38.81	nq	# 75
57) Fluorene	15.25	166	999740	40.05	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.83	232	240654	39.34	nq	# 100
59) Diethylphthalate	15.04	149	1111626	40.95	nq	98
60) 4-Chlorophenyl-phenylether	15.25	204	531884	40.99	nq	95
61) 4-Nitroaniline	15.30	138	196637	37.86	nq	# 18
62) Azobenzene	15.54	77	1174146	41.64	nq	83
64) 4,6-Dinitro-2-methylphenol	15.36	198	173854	36.84	nq	89
65) n-Nitrosodiphenylamine	15.47	169	876145	38.68	nq	99
66) 4-Bromophenyl-phenylether	16.14	248	324648	38.60	nq	# 78
67) Hexachlorobenzene	16.26	284	354337	38.38	nq	# 78
68) Atrazine	16.44	200	341131	40.15	nq	100
69) Pentachlorophenol	16.61	266	207681	36.34	nq	99
70) Phenanthrene	16.99	178	1678594	38.78	nq	99
71) Anthracene	17.09	178	1651587	39.16	nq	99
72) Carbazole	17.37	167	1513029	38.17	nq	99
73) Di-n-butylphthalate	17.93	149	2086687	41.13	nq	# 97
74) Fluoranthene	19.02	202	1999512	39.24	nq	100
76) Benzidine	19.22	184	872387	37.55	nq	98
77) Pyrene	19.39	202	2086674	38.50	nq	98
79) Butylbenzylphthalate	20.30	149	945280	38.73	nq	# 78
80) Benzo(a)anthracene	21.14	228	1922064	37.92	nq	98
81) 3,3'-Dichlorobenzidine	21.09	252	702445	37.08	nq	# 96
82) Chrysene	21.20	228	1857558	37.78	nq	97
83) Bis(2-ethylhexyl)phthalate	21.08	149	1419432	39.87	nq	96
84) Di-n-octyl phthalate	21.94	149	2011418	40.81	nq	# 95
85) Indeno(1,2,3-cd)pyrene	25.50	276	1428854	36.96	nq	98
87) Benzo(b)fluoranthene	22.69	252	1636795	37.68	nq	# 95
88) Benzo(k)fluoranthene	22.73	252	1669545	40.43	nq	# 97
89) Benzo(a)pyrene	23.24	252	1491371	38.96	nq	# 98
90) Dibenzo(a,h)anthracene	25.50	278	1216672	38.89	nq	# 95
91) Benzo(g,h,i)perylene	26.15	276	1144530	39.13	nq	# 89

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

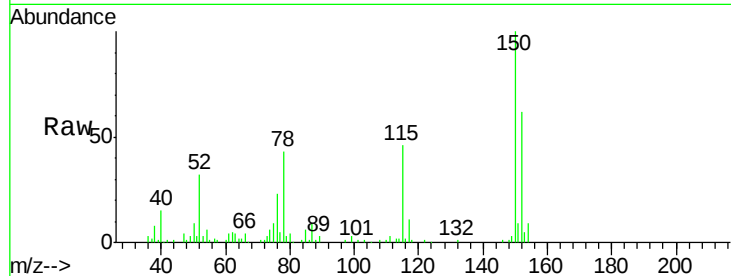


#1

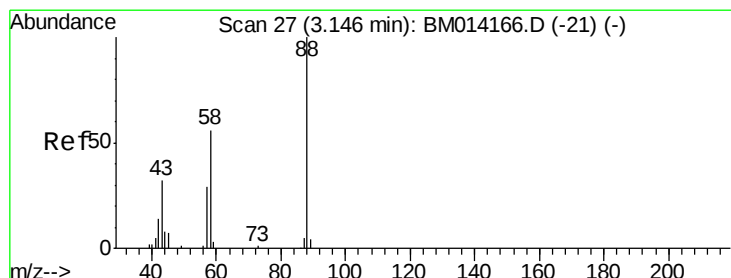
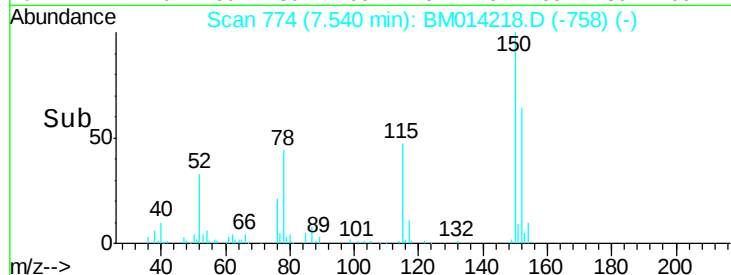
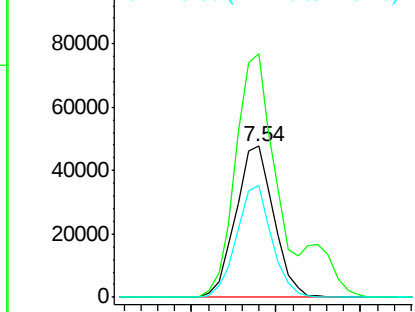
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 74711
Ion Ratio Lower Upper
152 100
150 161.0 119.5 179.3
115 73.6 43.0 64.4#



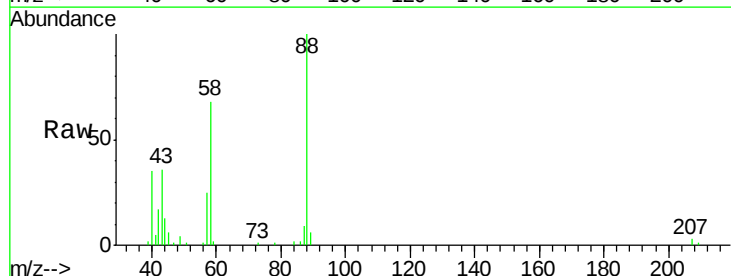
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



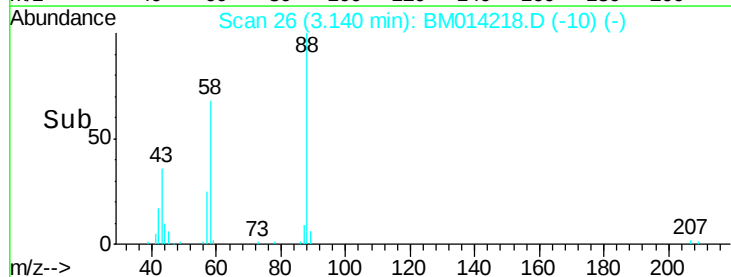
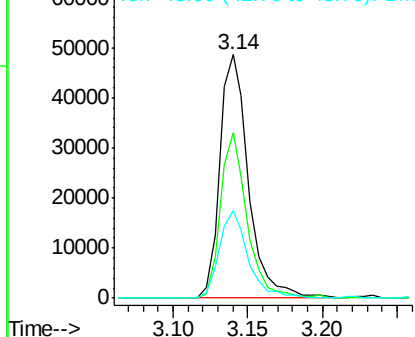
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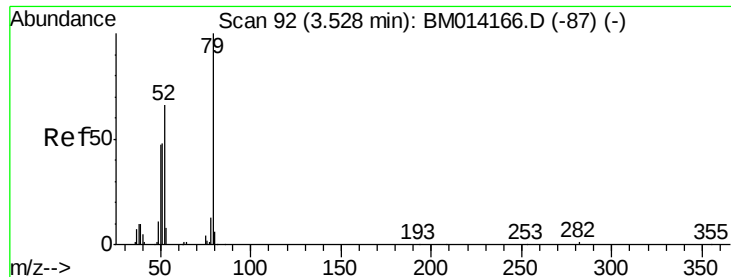
1,4-Dioxane
Concen: 37.20 ng
RT: 3.14 min Scan# 26
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Tgt Ion: 88 Resp: 65531
Ion Ratio Lower Upper
88 100
58 62.9 0.0 0.0#
43 36.1 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: 40.55 ng

RT: 3.52 min Scan# 91

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

Instrument :

BNA_M

ClientSampleId :

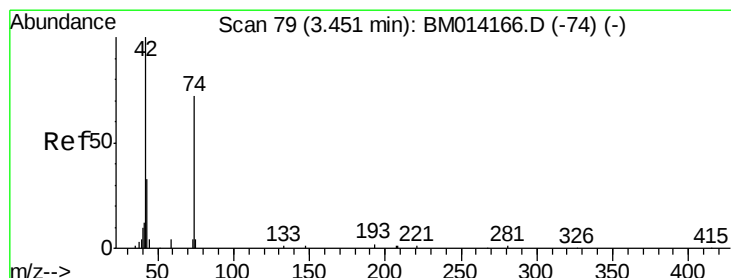
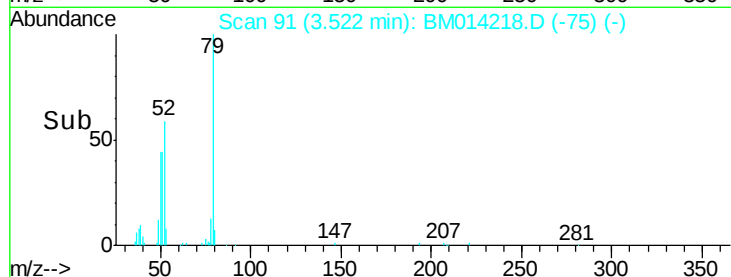
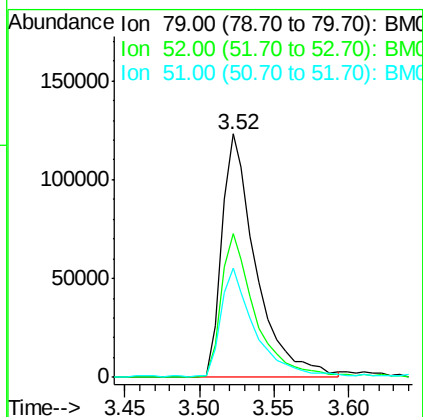
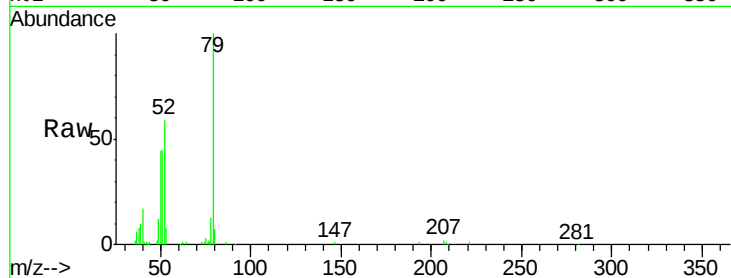
Tot Ion: 79 Resp: 197779

Ion Ratio Lower Upper

79 100

52 58.8 51.1 76.7

51 44.8 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 42.19 ng

RT: 3.45 min Scan# 78

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

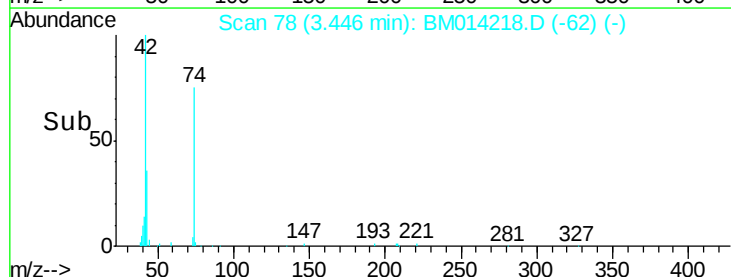
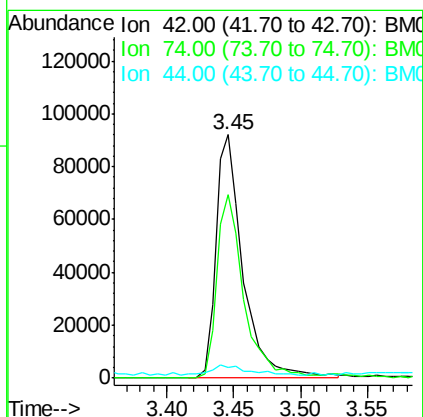
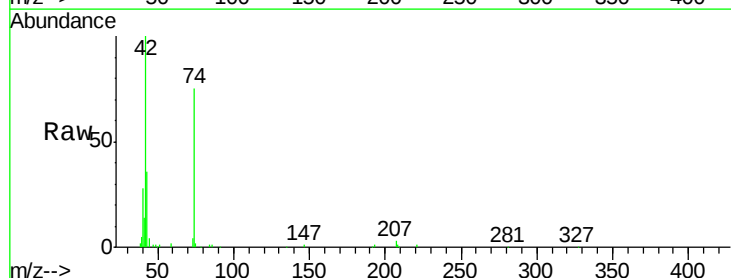
Tgt Ion: 42 Resp: 131086

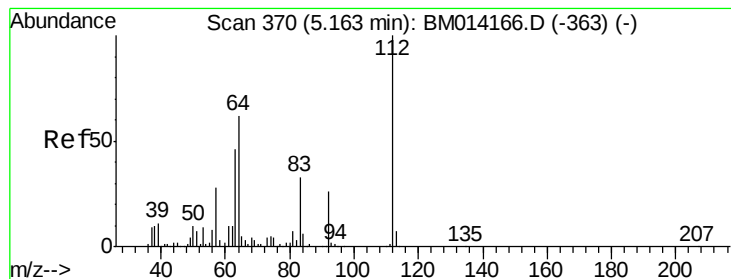
Ion Ratio Lower Upper

42 100

74 75.2 119.3 178.9#

44 4.5 5.4 8.2#

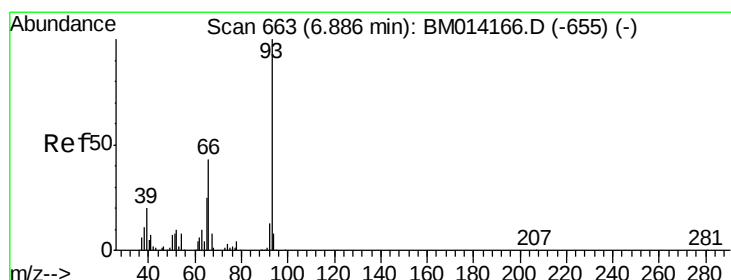
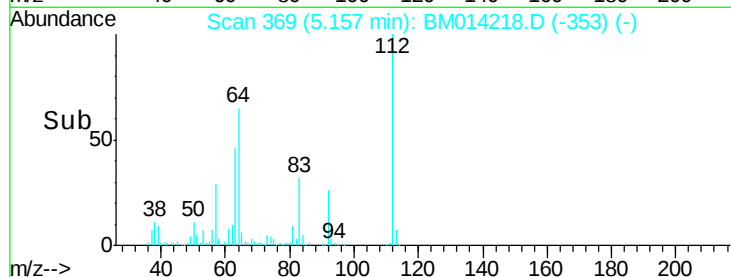
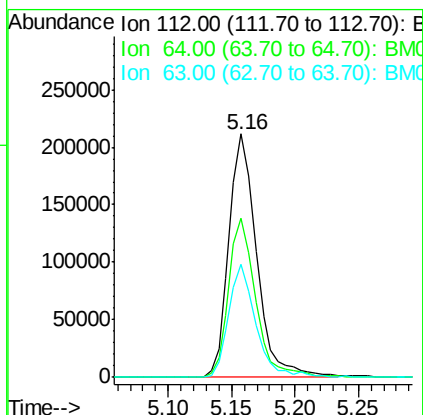
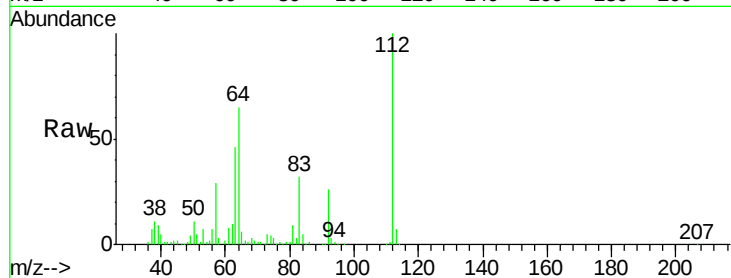




#5
 2-Fluorophenol
 Concen: 75.30 ng
 RT: 5.16 min Scan# 369
 Delta R.T. -0.01 min
 Lab File: BM014218.D
 Acq: 13 Feb 2018 11:28

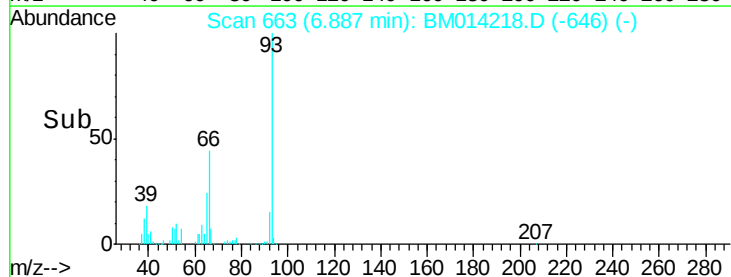
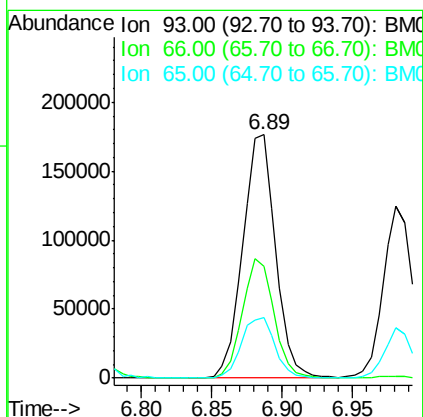
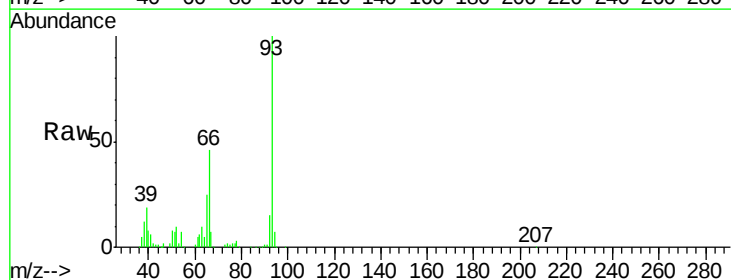
Instrument :
 BNA_M
 ClientSampled :

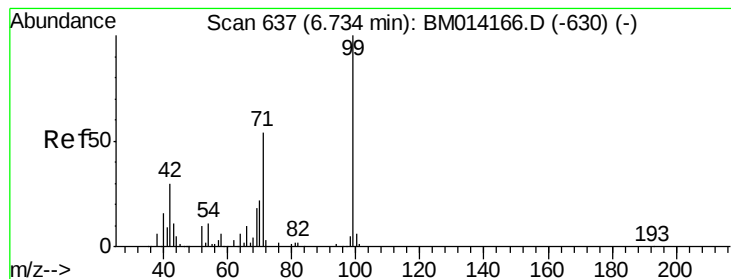
Tot Ion	Ratio	Lower	Upper
112	100		
64	65.1	38.6	57.8#
63	46.5	19.3	28.9#



#6
 Aniline
 Concen: 37.13 ng
 RT: 6.89 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BM014218.D
 Acq: 13 Feb 2018 11:28

Tgt Ion	Ratio	Lower	Upper
93	100		
66	45.7	30.8	46.2
65	25.1	16.0	24.0#





#7

Phenol-d6

Concen: 77.24 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

Instrument :

BNA_M

ClientSampled :

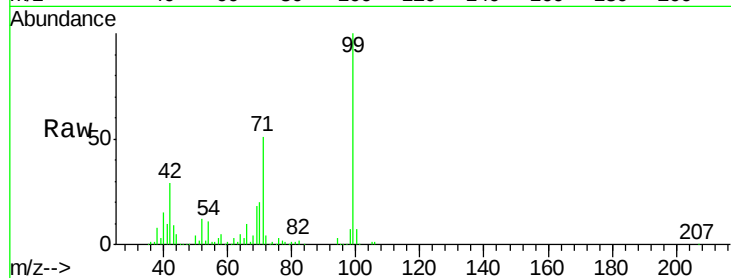
Tot Ion: 99 Resp: 468882

Ion Ratio Lower Upper

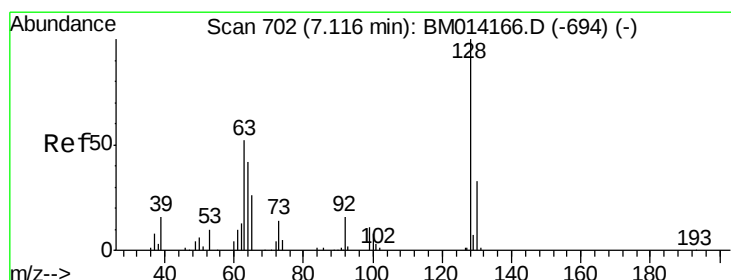
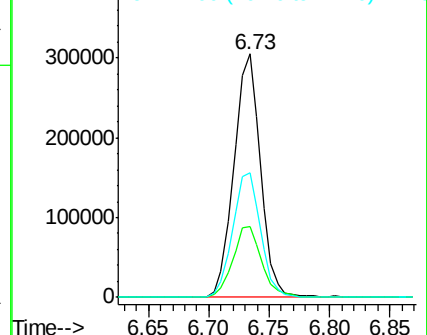
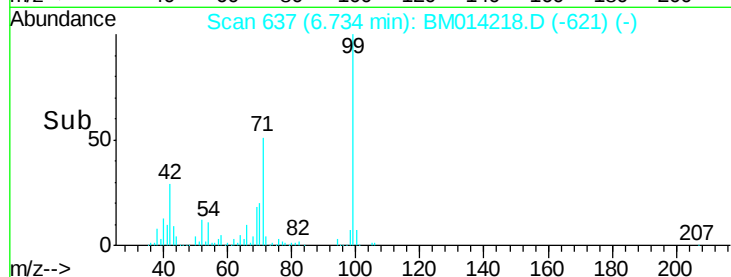
99 100

42 29.3 11.0 16.4#

71 51.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014218.D (-621) (-)



#8

2-Chlorophenol

Concen: 38.76 ng

RT: 7.10 min Scan# 700

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

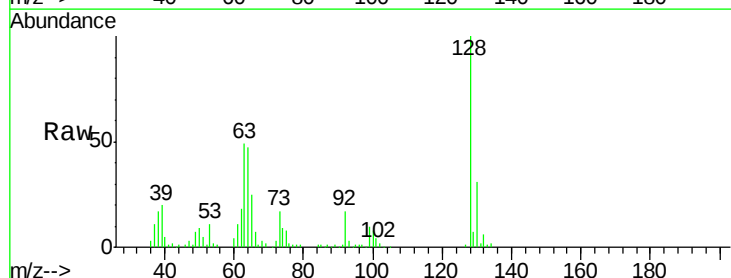
Tgt Ion: 128 Resp: 188847

Ion Ratio Lower Upper

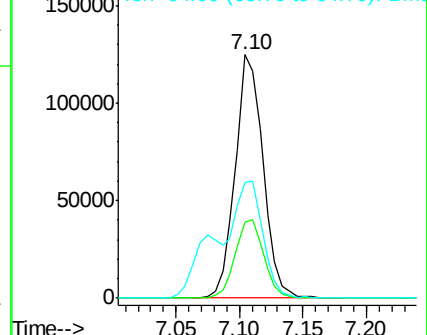
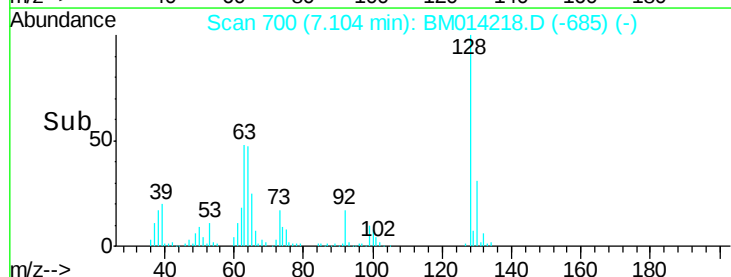
128 100

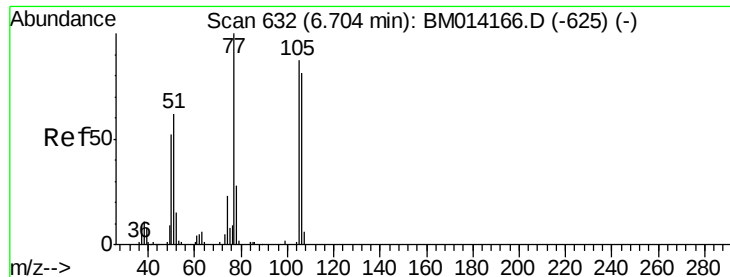
130 31.2 12.0 52.0

64 47.5 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): BM014218.D (-685) (-)





#9

Benzaldehyde

Concen: 36.58 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

Instrument :

BNA_M

ClientSampled :

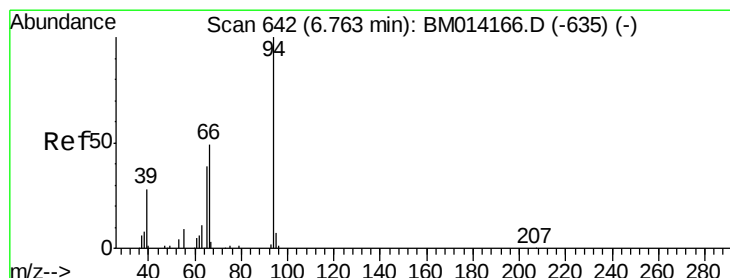
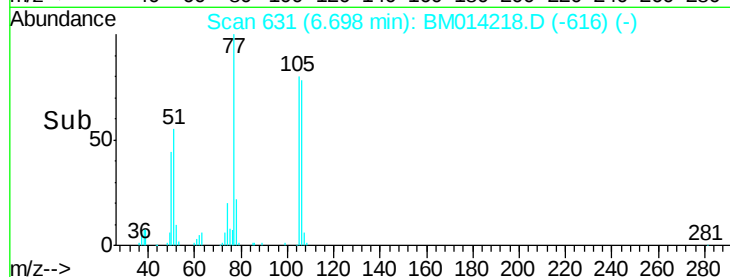
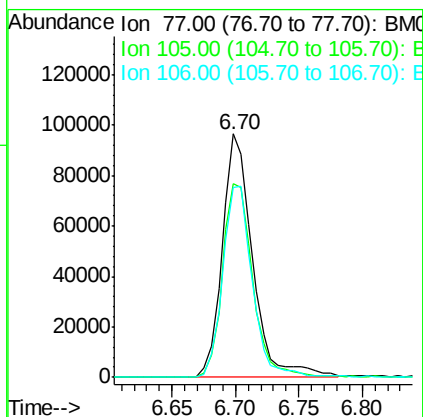
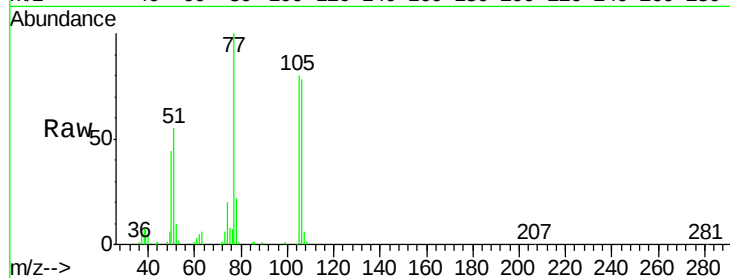
Tot Ion: 77 Resp: 159805

Ion Ratio Lower Upper

77 100

105 79.8 78.8 118.8

106 77.9 73.7 113.7



#10

Phenol

Concen: 38.00 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

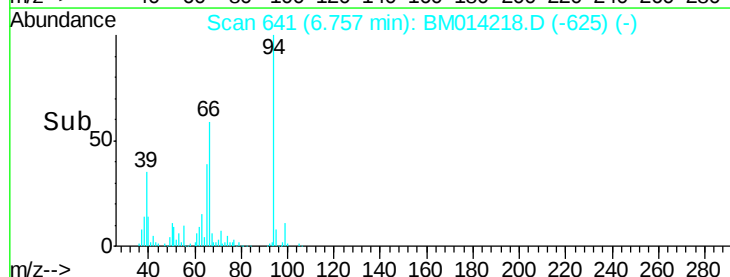
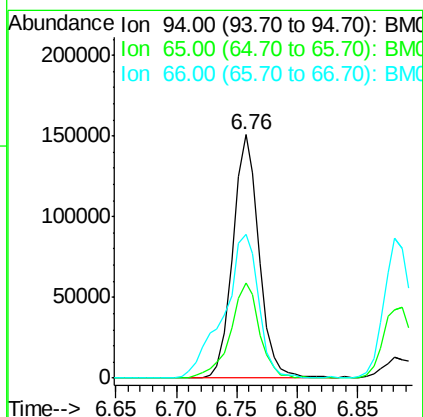
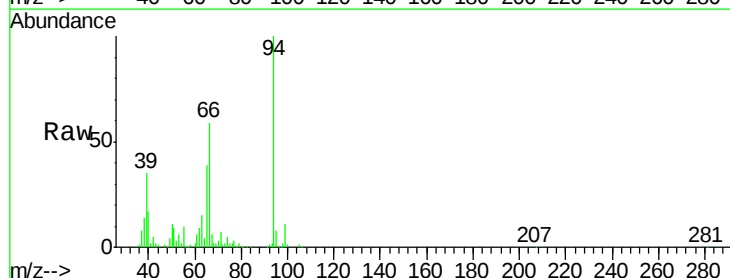
Tgt Ion: 94 Resp: 227746

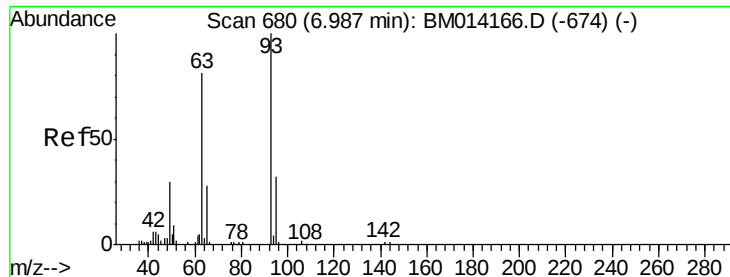
Ion Ratio Lower Upper

94 100

65 39.1 18.8 58.8

66 59.0 39.9 79.9

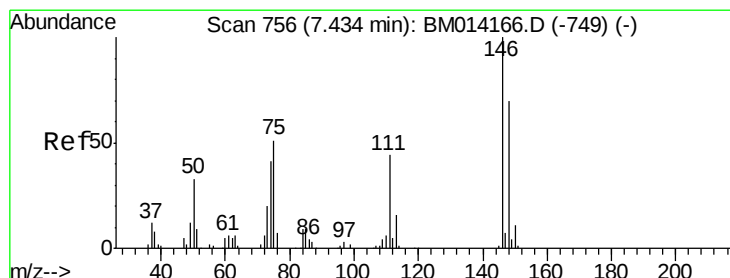
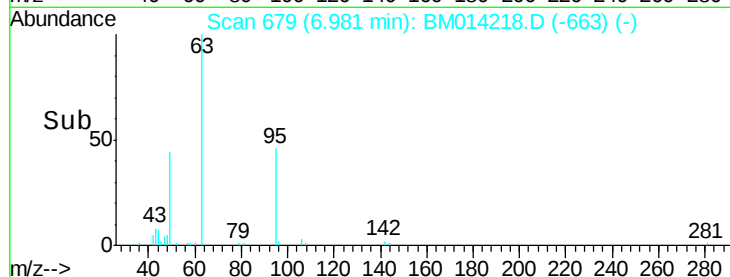
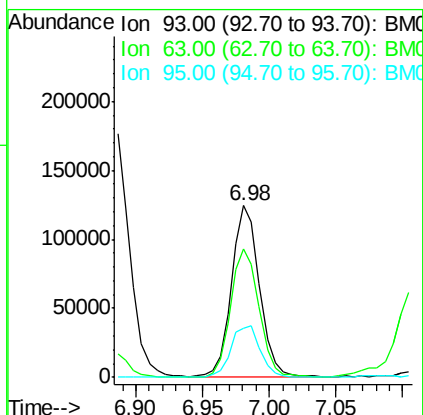
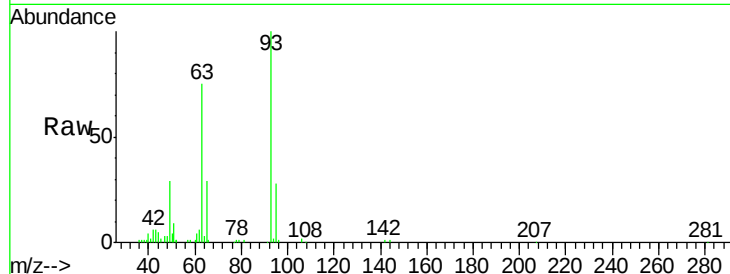




#11
bis(2-Chloroethyl)ether
Concen: 37.99 ng
RT: 6.98 min Scan# 679
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

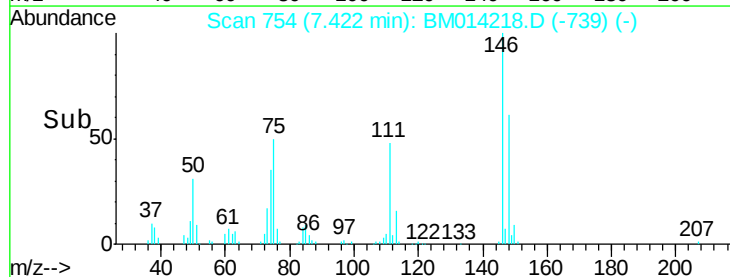
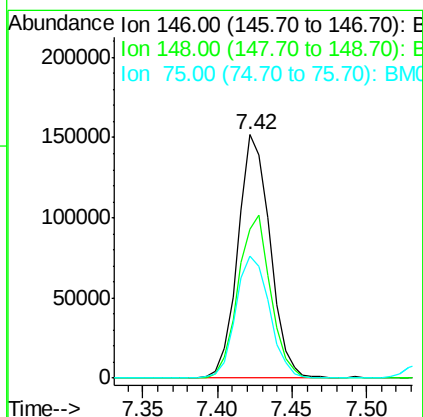
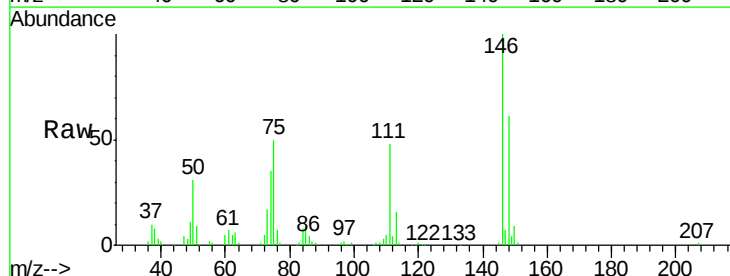
Instrument :
BNA_M
ClientSampled :

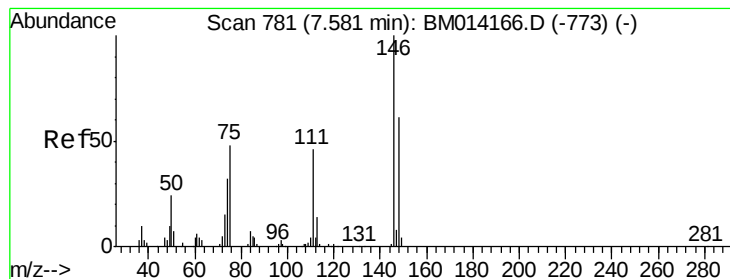
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.8	49.5	89.5
95	28.3	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 37.27 ng
RT: 7.42 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.1	50.9	76.3
75	50.2	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 38.75 ng

RT: 7.57 min Scan# 779

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

Instrument :

BNA_M

ClientSampleId :

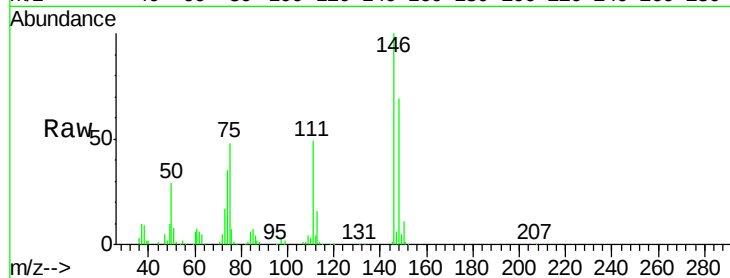
Tot Ion:146 Resp: 237088

Ion Ratio Lower Upper

146 100

148 68.5 51.9 77.9

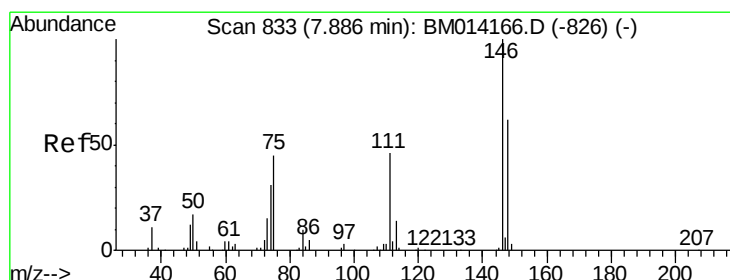
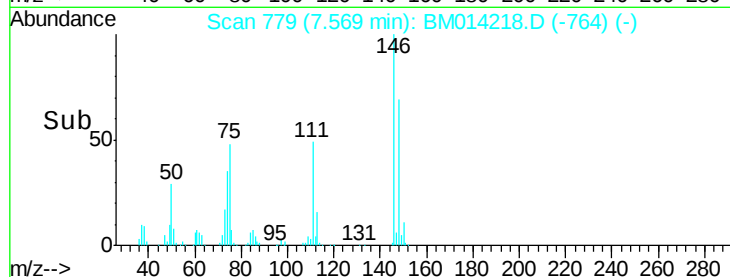
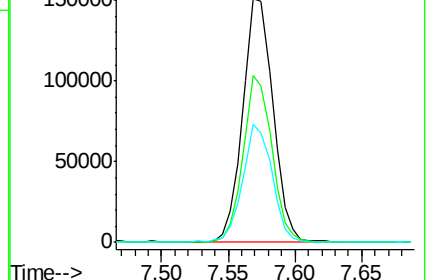
111 48.5 29.2 43.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.32 ng

RT: 7.88 min Scan# 832

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

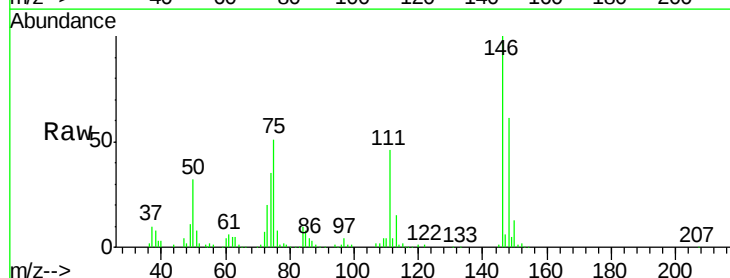
Tgt Ion:146 Resp: 235897

Ion Ratio Lower Upper

146 100

148 61.1 52.3 78.5

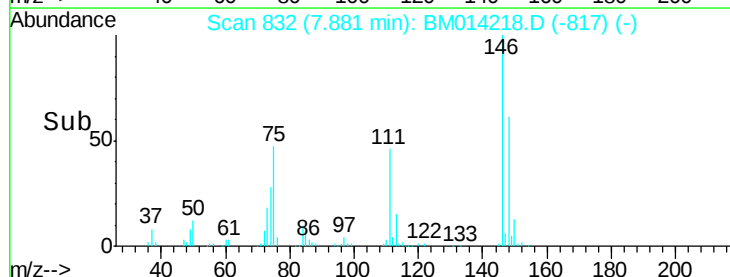
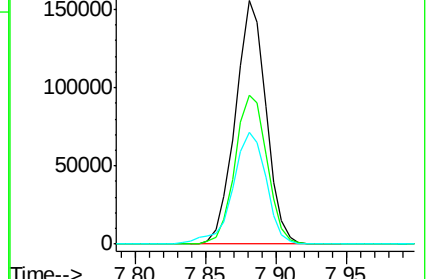
111 46.0 30.6 45.8#

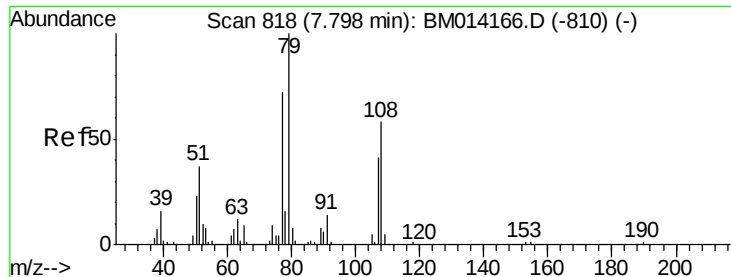


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.29 ng

RT: 7.79 min Scan# 817

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

Instrument :

BNA_M

ClientSampled :

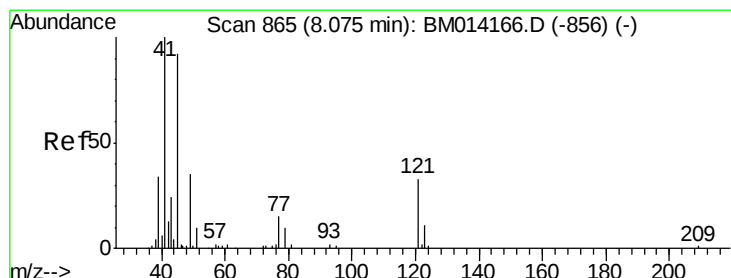
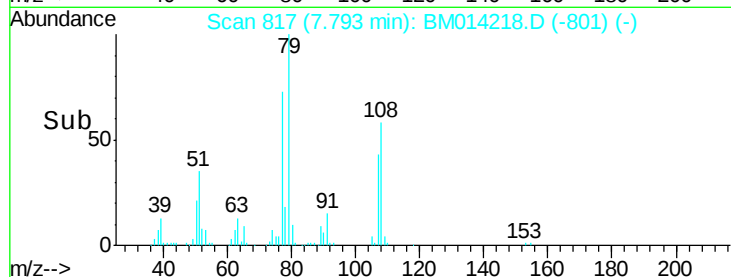
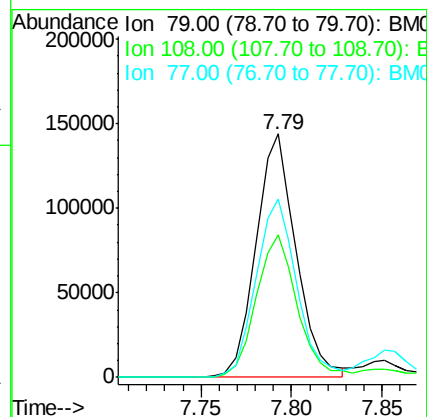
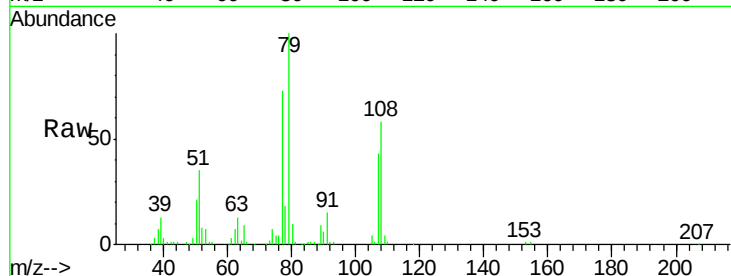
Tot Ion: 79 Resp: 221034

Ion Ratio Lower Upper

79 100

108 58.4 65.0 97.4#

77 73.4 53.0 79.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.11 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

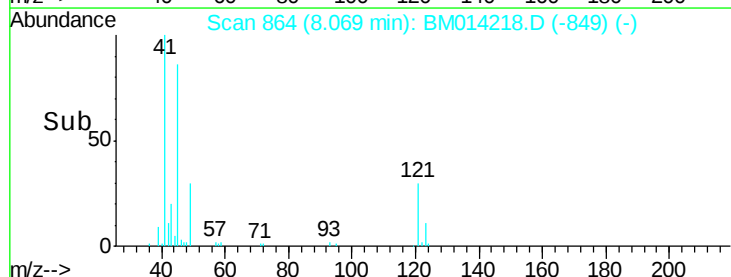
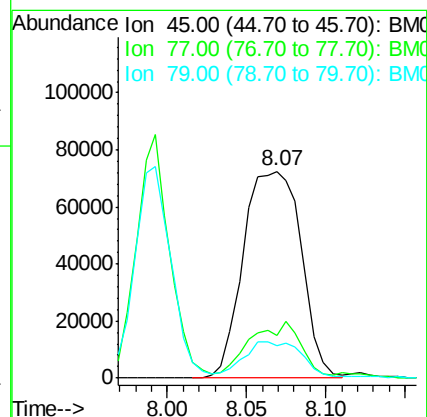
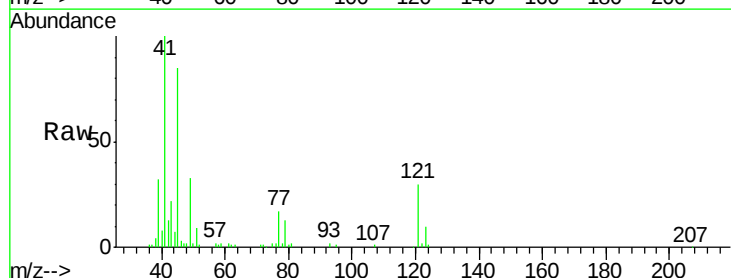
Tgt Ion: 45 Resp: 183620

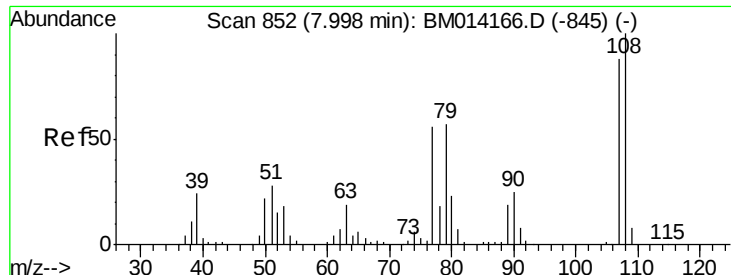
Ion Ratio Lower Upper

45 100

77 20.6 0.0 35.2

79 15.8 0.0 32.0

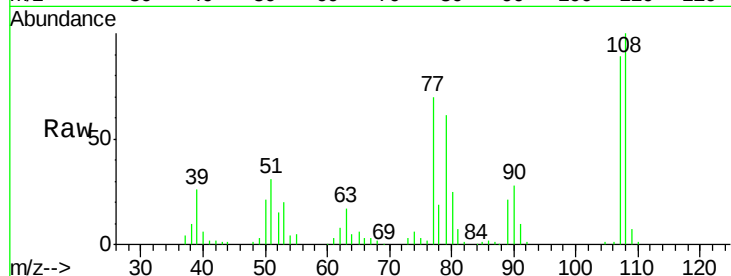




#17
2-Methylphenol
Concen: 38.21 ng
RT: 7.99 min Scan# 851
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.8	134.8
77	78.3	32.6	48.8
79	68.0	32.8	49.2



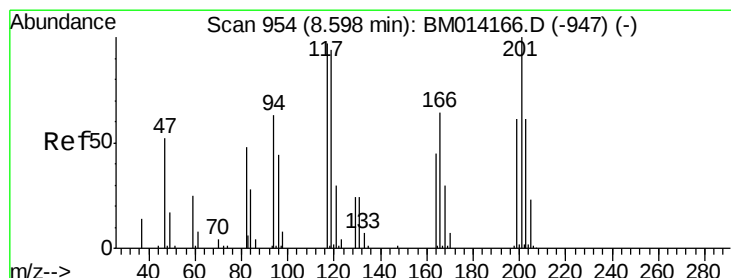
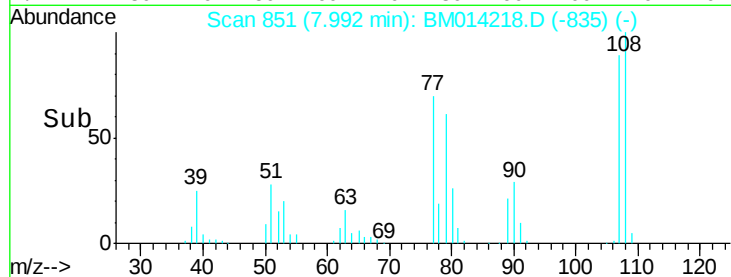
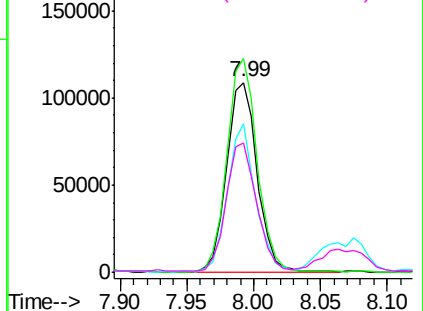
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

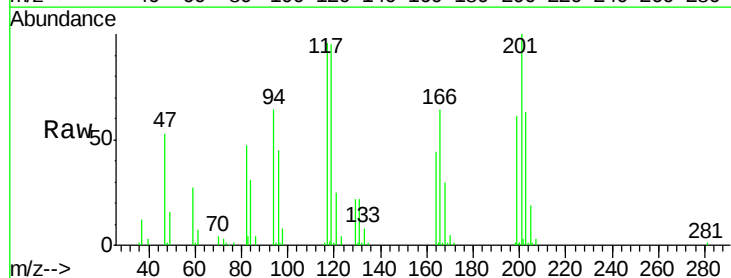
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 41.23 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	79.2	118.8
201	104.7	69.8	104.6

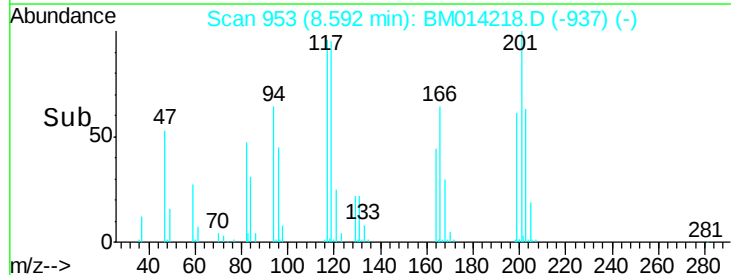
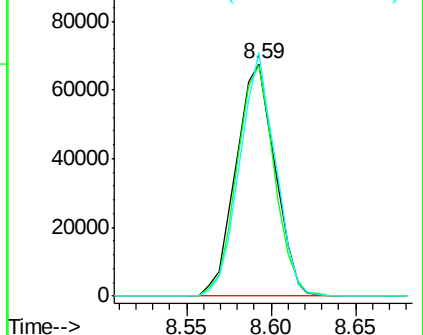


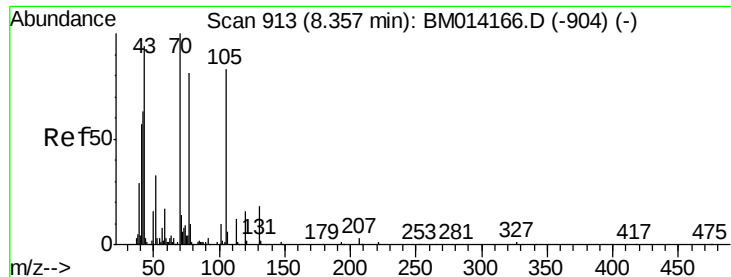
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

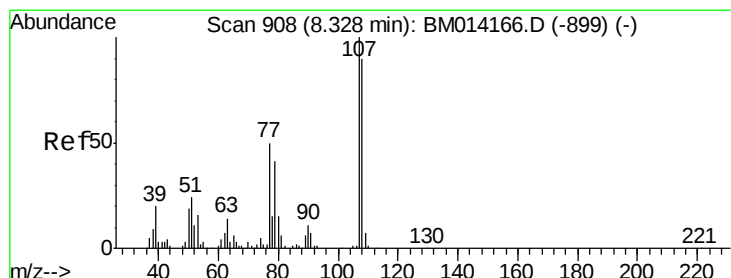
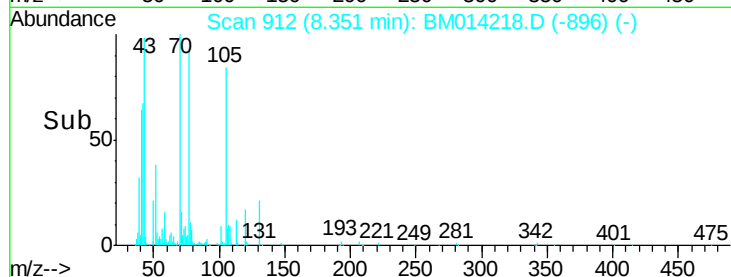
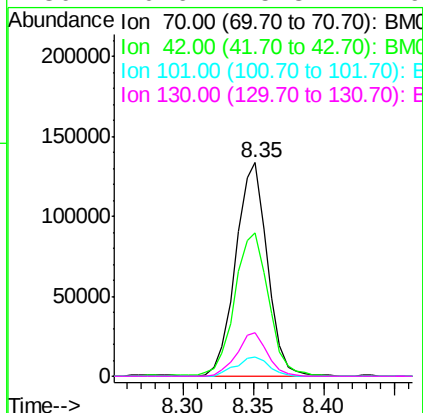
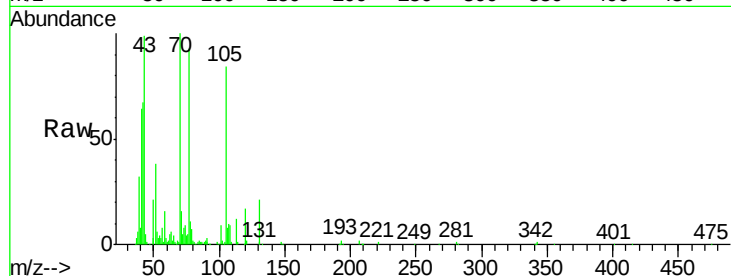




#19
n-Nitroso-di-n-propylamine
Concen: 39.95 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

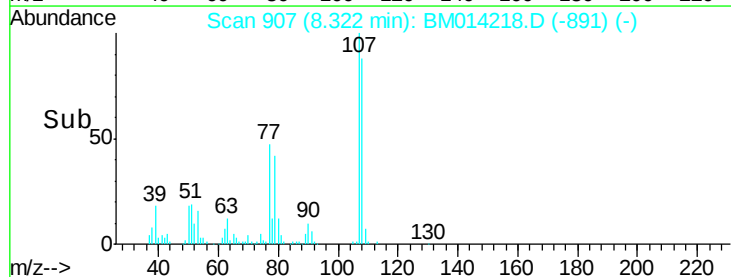
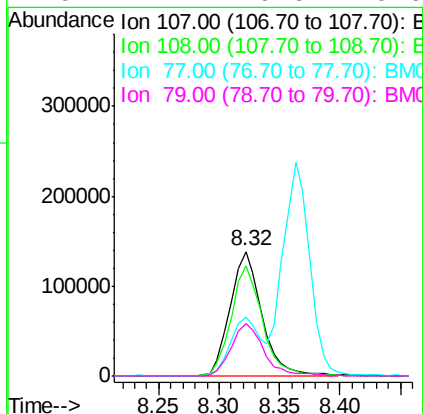
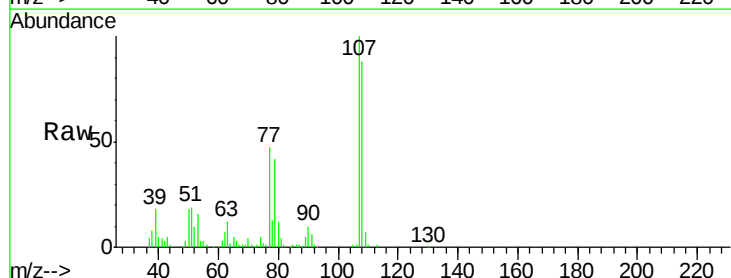
Instrument :
BNA_M
ClientSampleId :

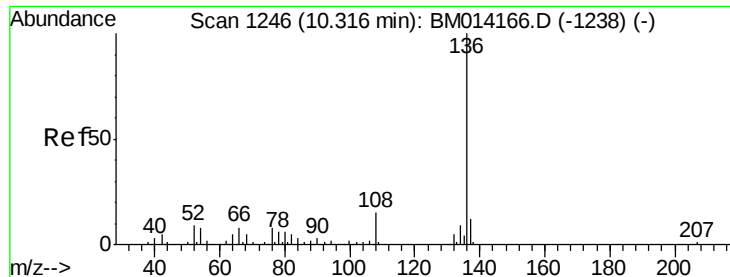
Tot Ion:	70	Resp:	208936
Ion	Ratio	Lower	Upper
70	100		
42	67.2	44.5	66.7#
101	8.9	7.4	11.2
130	20.6	15.3	22.9



#20
3+4-Methylphenols
Concen: 38.22 ng
RT: 8.32 min Scan# 907
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Tgt Ion:	107	Resp:	253911
Ion	Ratio	Lower	Upper
107	100		
108	88.4	73.2	113.2
77	47.2	10.7	50.7
79	42.1	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM014218.D

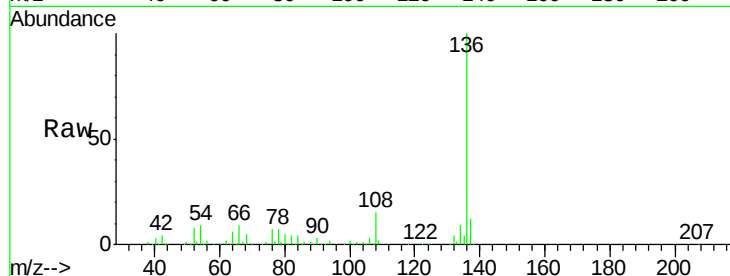
Acq: 13 Feb 2018 11:28

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136	Resp:	372333
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.7 13.1
54	8.9	4.6 6.8#
68	4.7	3.7 5.5

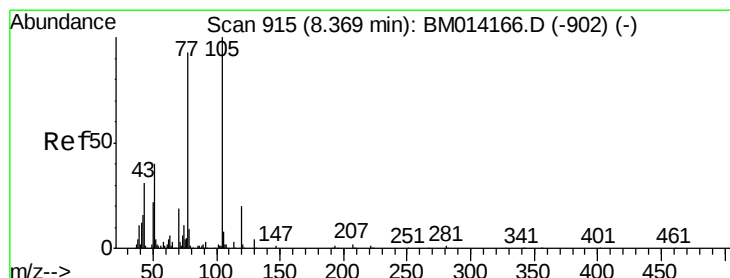
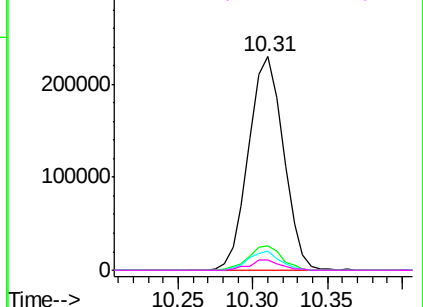
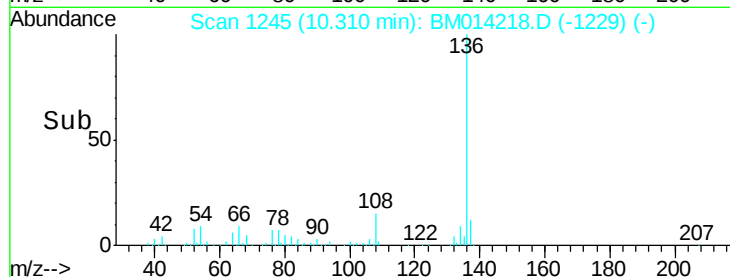


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 37.48 ng

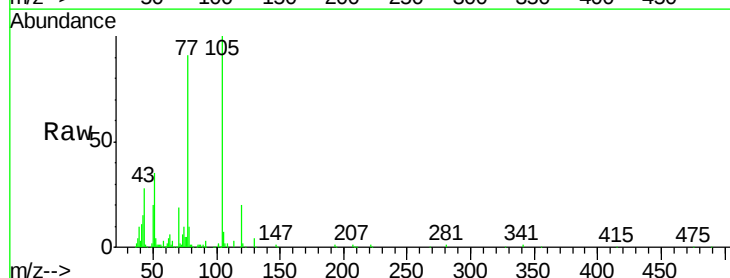
RT: 8.36 min Scan# 914

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

Tgt Ion:105	Resp:	401281
Ion Ratio	Lower	Upper
105	100	
71	2.3	0.6 1.0#
51	35.4	21.6 32.4#
120	19.5	16.1 24.1

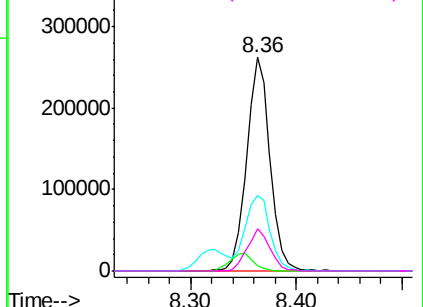
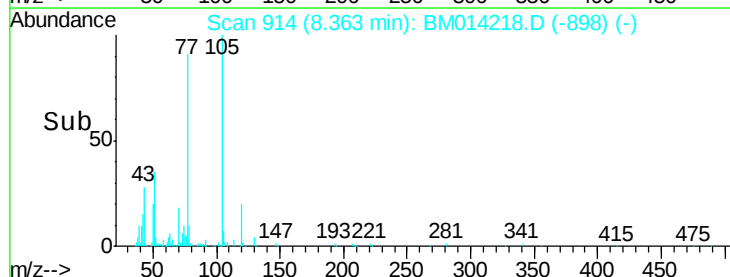


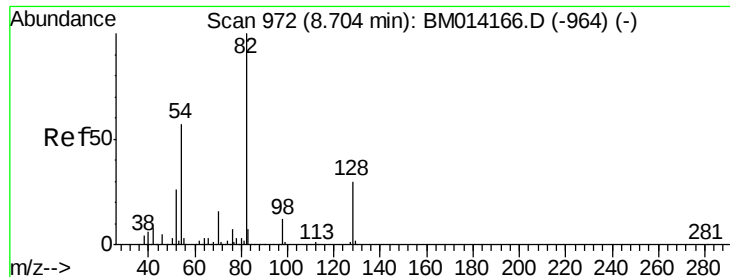
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

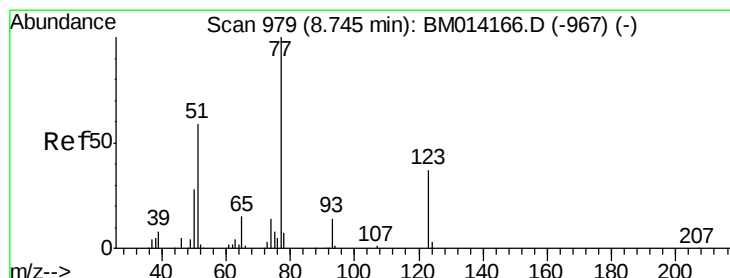
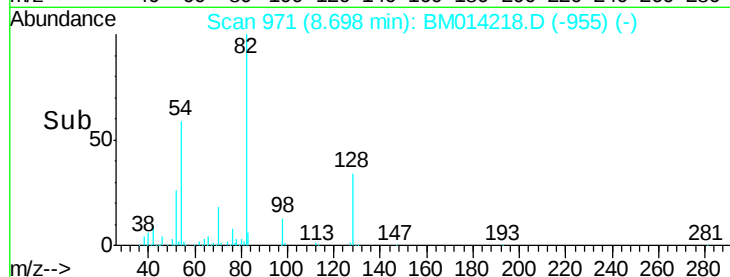
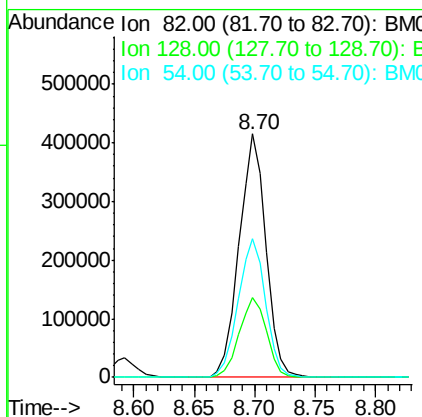
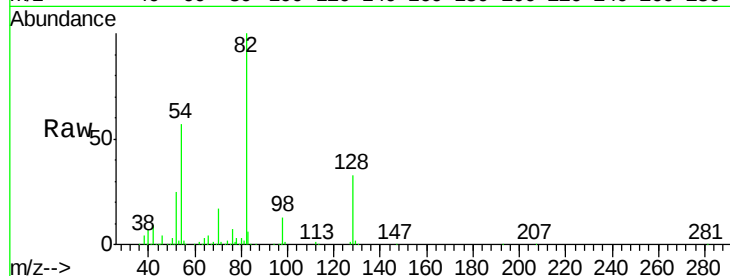




#23
 Nitrobenzene-d5
 Concen: 77.34 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BM014218.D
 Acq: 13 Feb 2018 11:28

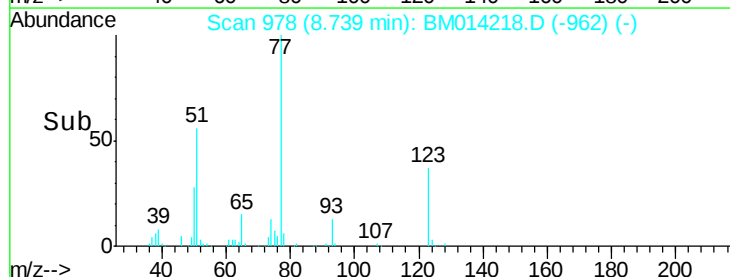
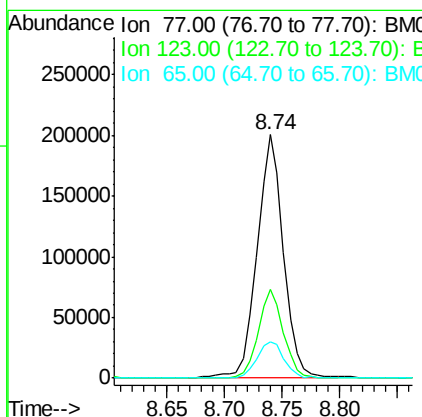
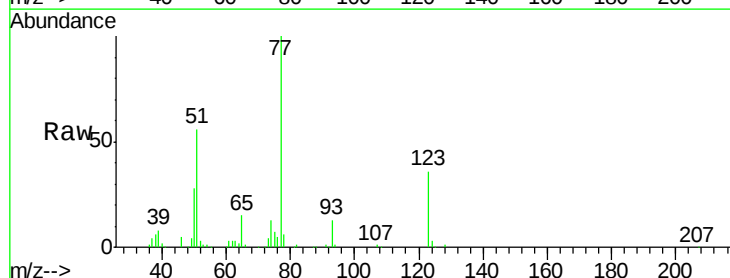
Instrument :
 BNA_M
 ClientSampleId :

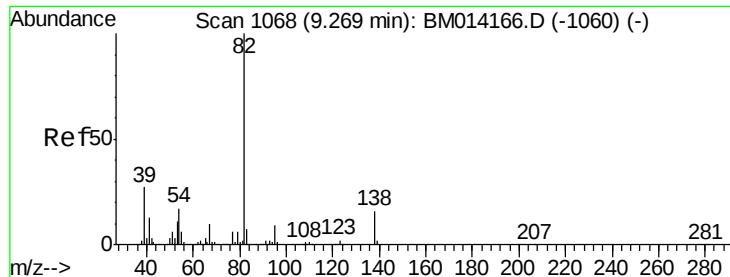
Tot Ion	82	Resp	644703
Ion Ratio	Lower	Upper	
82	100		
128	32.9	32.8	49.2
54	57.1	40.6	60.8



#24
 Nitrobenzene
 Concen: 37.26 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BM014218.D
 Acq: 13 Feb 2018 11:28

Tgt Ion	77	Resp	319813
Ion Ratio	Lower	Upper	
77	100		
123	36.5	32.6	49.0
65	14.7	10.9	16.3

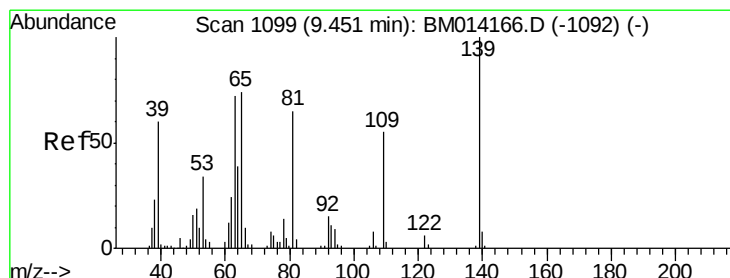
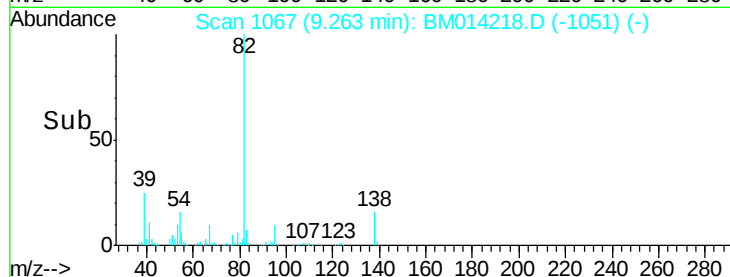
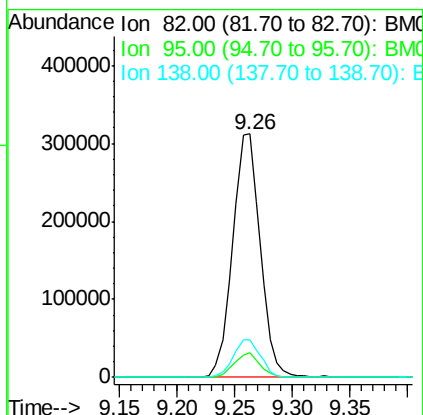
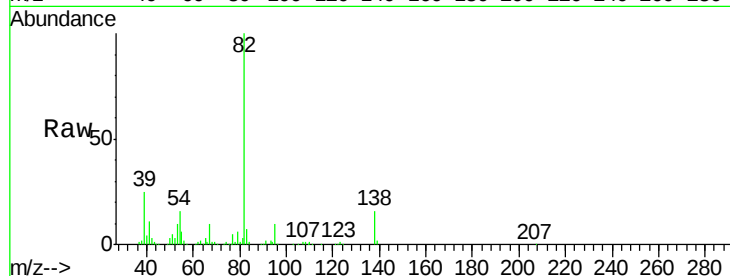




#25
Isophorone
Concen: 37.41 ng
RT: 9.26 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

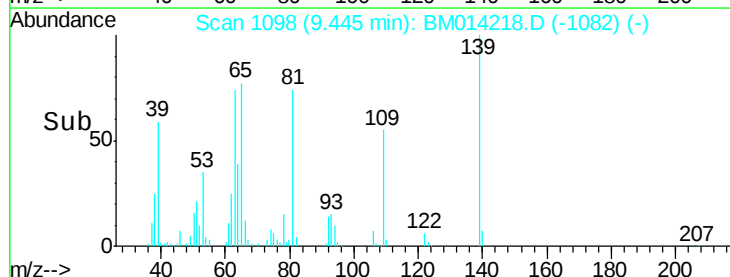
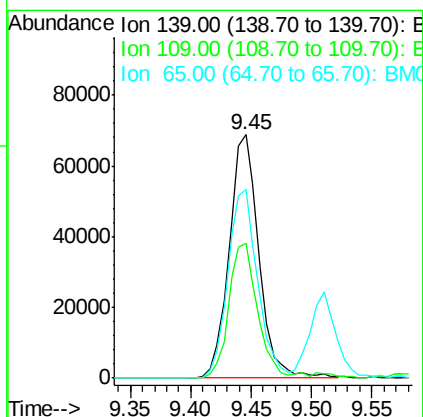
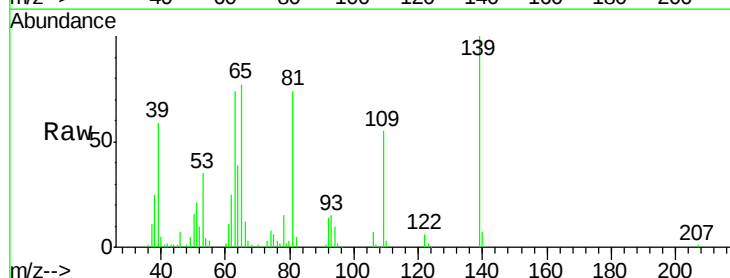
Instrument :
BNA_M
ClientSampleId :

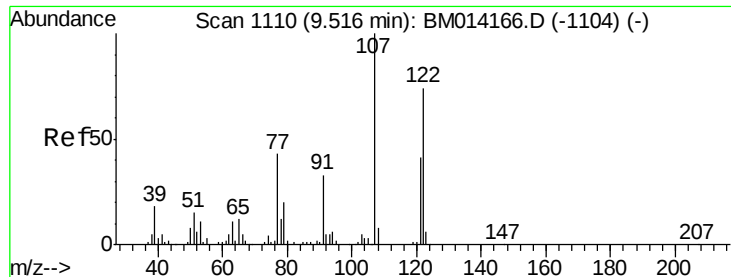
Tot Ion: 82 Resp: 516592
Ion Ratio Lower Upper
82 100
95 10.4 5.8 8.6#
138 15.5 16.3 24.5#



#26
2-Nitrophenol
Concen: 36.37 ng
RT: 9.45 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Tgt Ion: 139 Resp: 117737
Ion Ratio Lower Upper
139 100
109 55.1 20.1 30.1#
65 77.4 31.5 47.3#

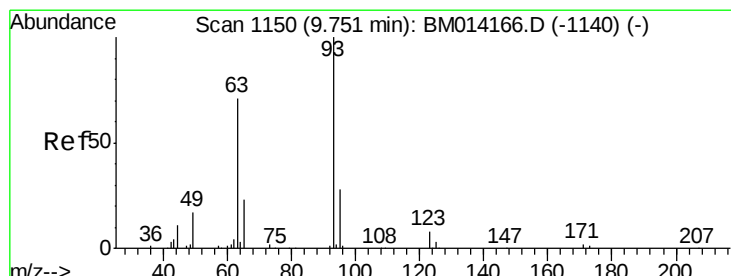
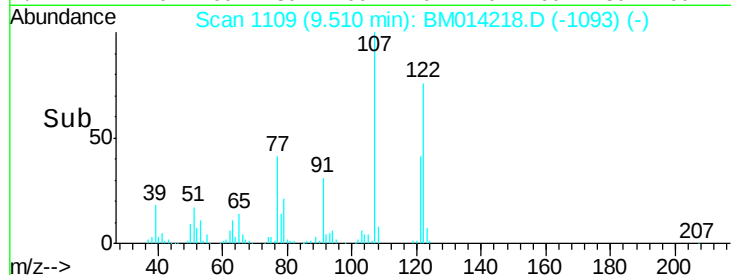
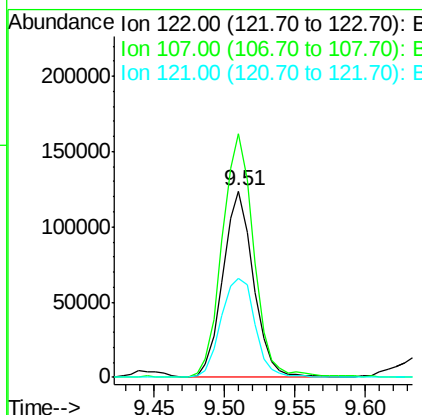
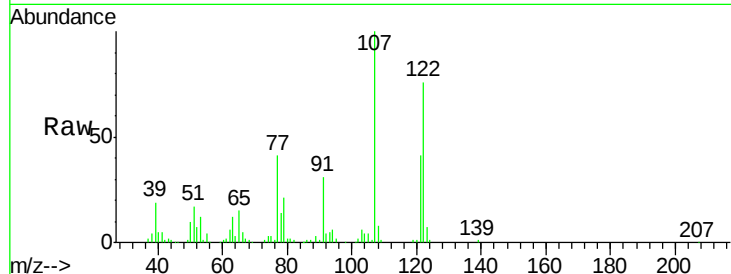




#27
 2,4-Dimethylphenol
 Concen: 38.16 ng
 RT: 9.51 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BM014218.D
 Acq: 13 Feb 2018 11:28

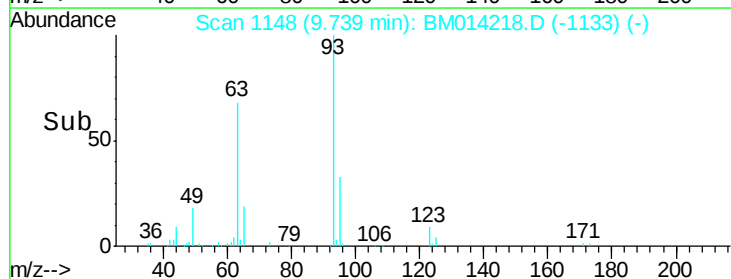
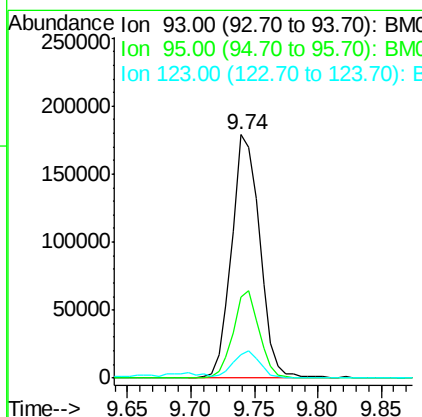
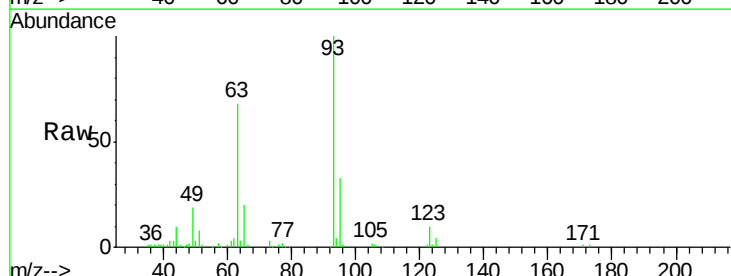
Instrument :
 BNA_M
 ClientSampled :

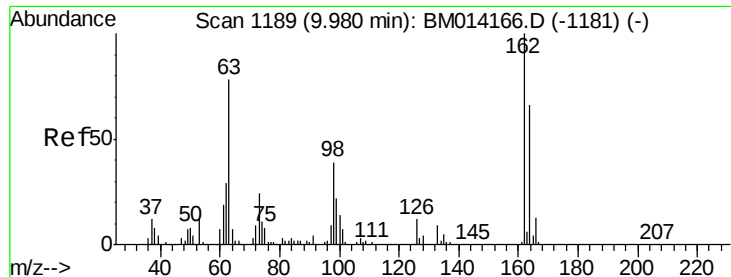
Tot Ion	Ratio	Lower	Upper
122	100		
107	130.8	84.7	127.1#
121	53.5	46.6	69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.78 ng
 RT: 9.74 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BM014218.D
 Acq: 13 Feb 2018 11:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.5	38.3
123	9.6	8.6	13.0

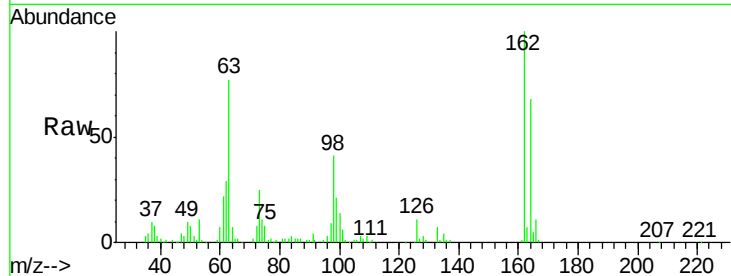




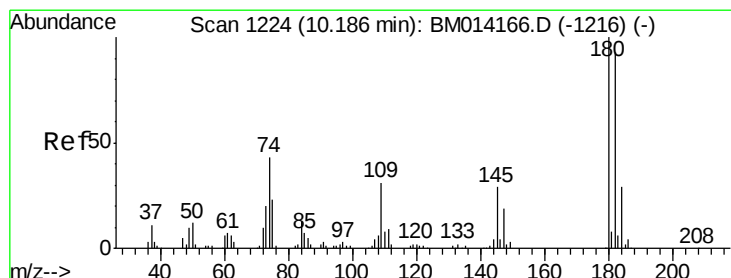
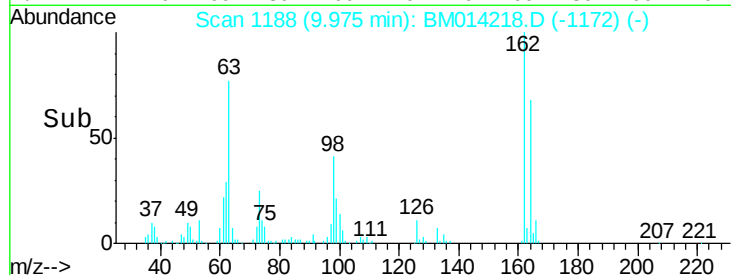
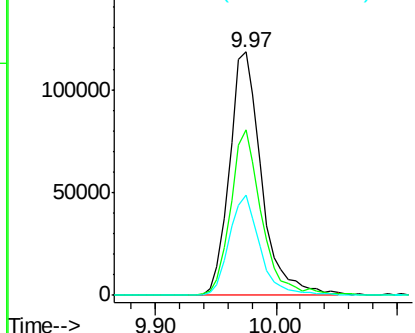
#29
2,4-Dichlorophenol
Concen: 39.71 ng
RT: 9.97 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.1	42.8	82.8
98	41.1	14.5	54.5

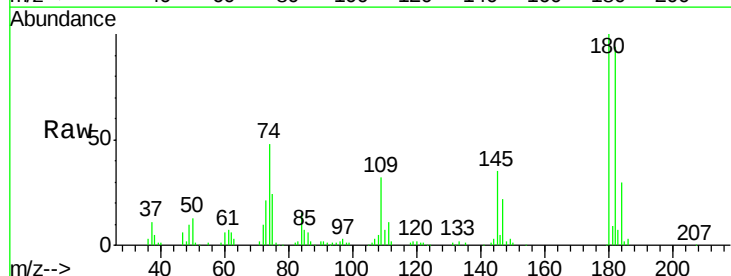


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

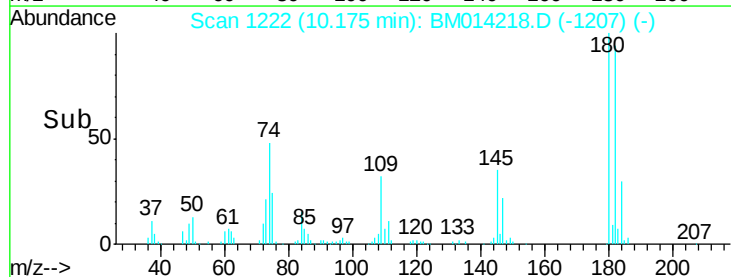
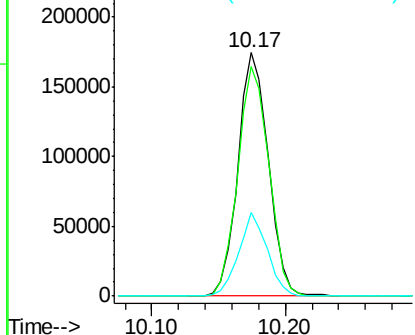


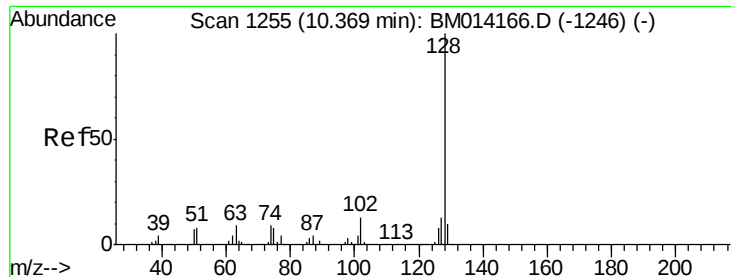
#30
1,2,4-Trichlorobenzene
Concen: 37.80 ng
RT: 10.17 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.6	116.4
145	34.5	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

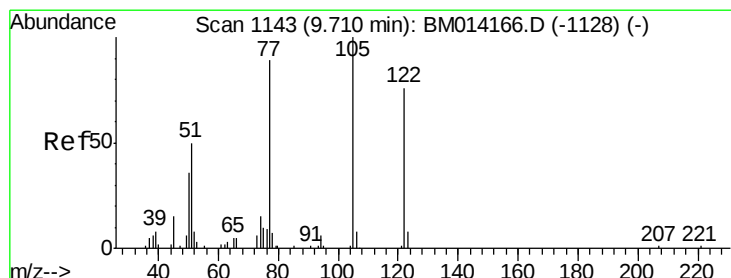
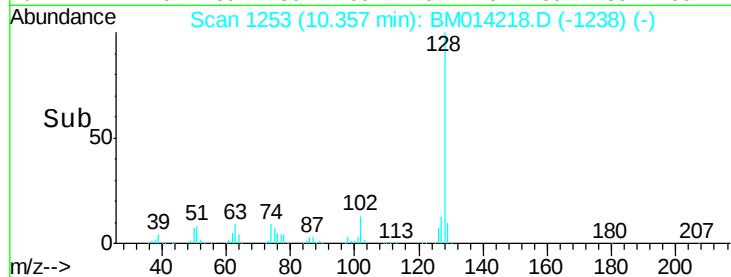
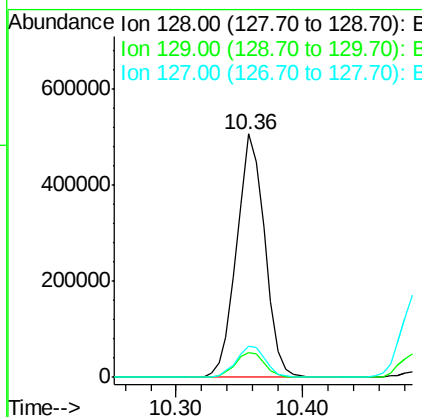
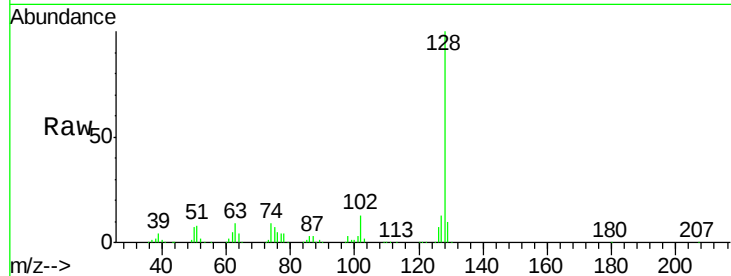




#31
Naphthalene
Concen: 38.08 ng
RT: 10.36 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

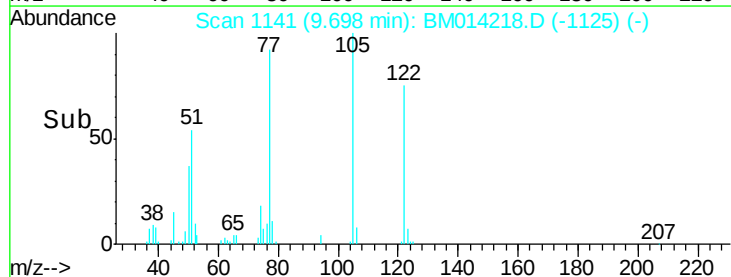
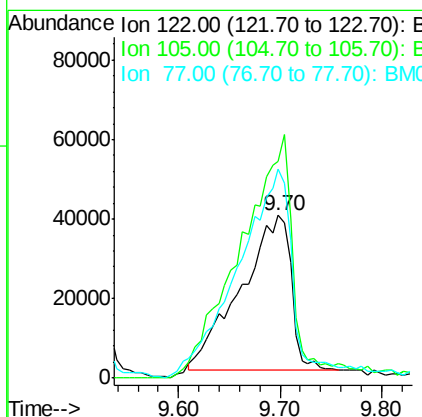
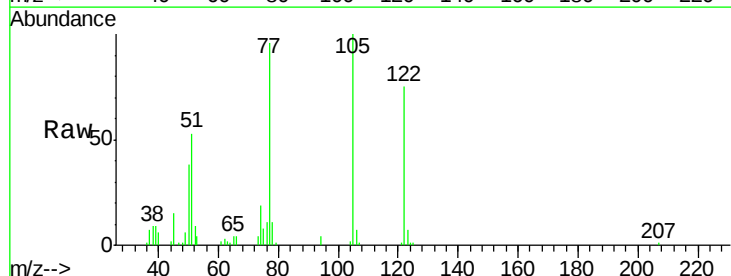
Instrument :
BNA_M
ClientSampleId :

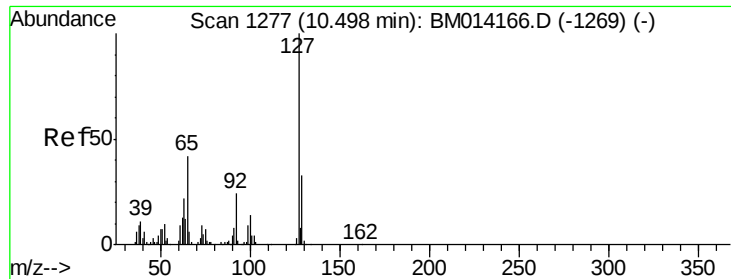
Tot Ion	Ratio	Lower	Upper
128	100		
129	9.9	8.9	13.3
127	13.0	10.4	15.6



#32
Benzoic acid
Concen: 33.90 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.6	99.9	139.9
77	128.4	73.7	113.7

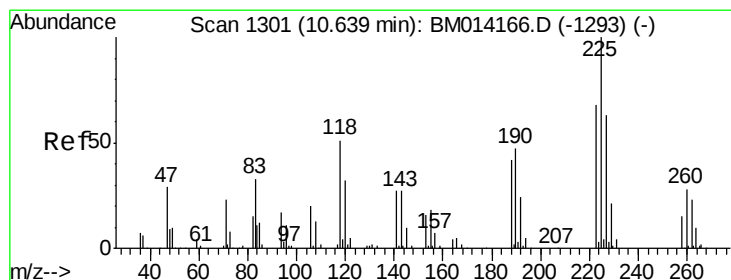
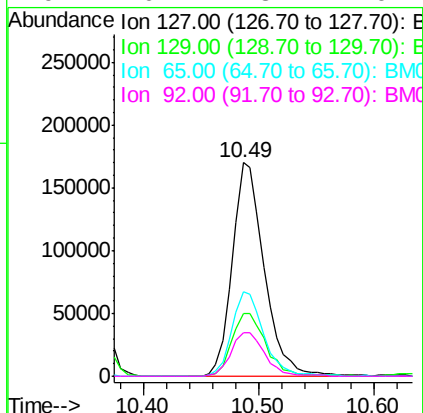
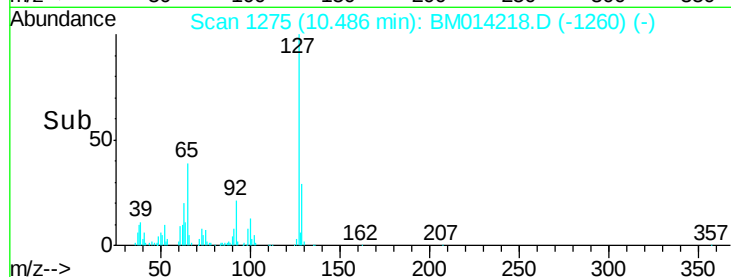
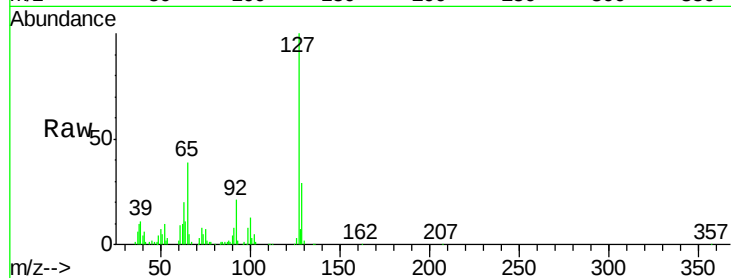




#33
4-Chloroaniline
Concen: 38.49 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

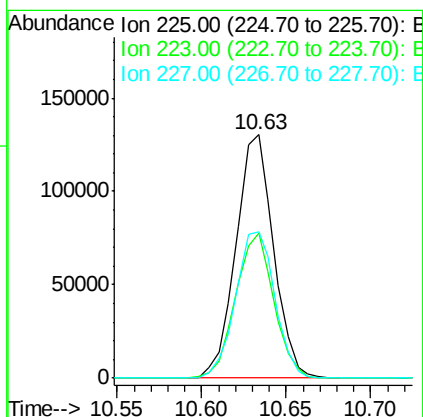
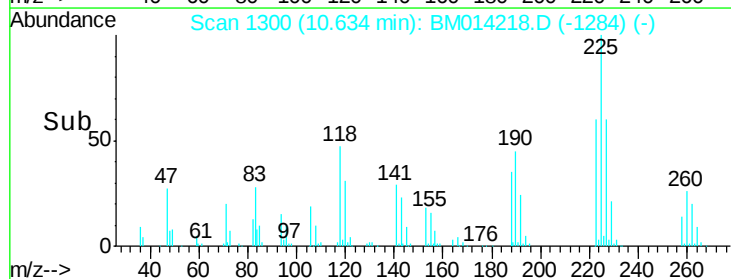
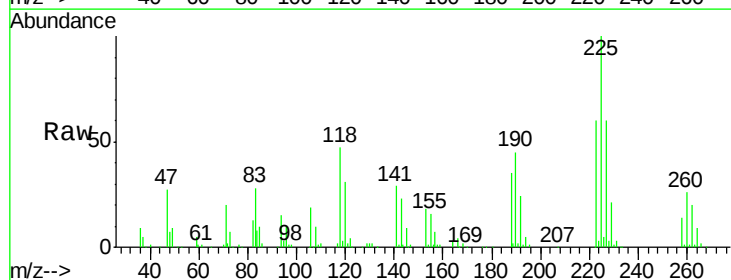
Instrument :
BNA_M
ClientSampled :

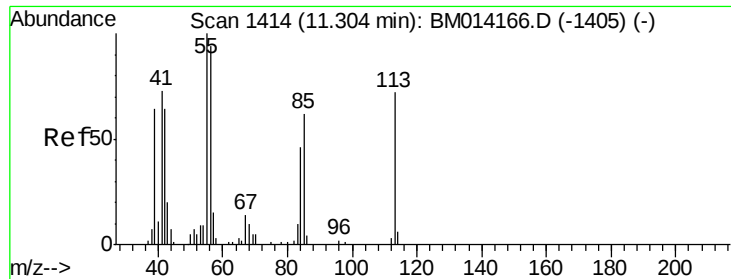
Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	29.4	25.3	37.9	
65	39.4	17.6	26.4	
92	20.7	13.1	19.7	



#34
Hexachlorobutadiene
Concen: 40.50 ng
RT: 10.63 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	59.6	47.9	71.9	
227	60.3	50.1	75.1	





#35

Caprolactam

Concen: 37.28 ng

RT: 11.30 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

Instrument :

BNA_M

ClientSampleId :

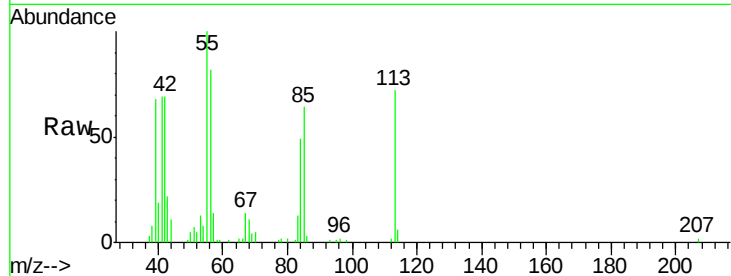
Tot Ion:113 Resp: 73511

Ion Ratio Lower Upper

113 100

55 139.3 145.9 185.9#

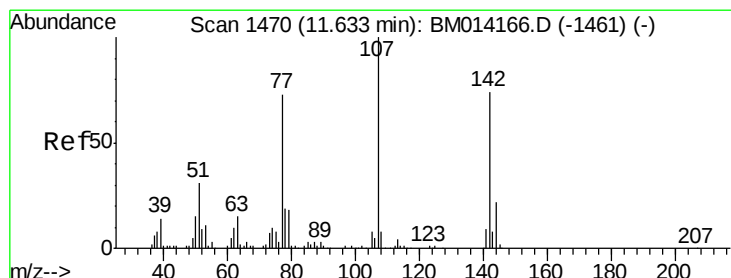
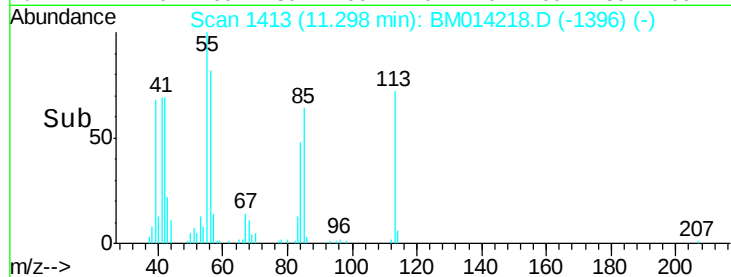
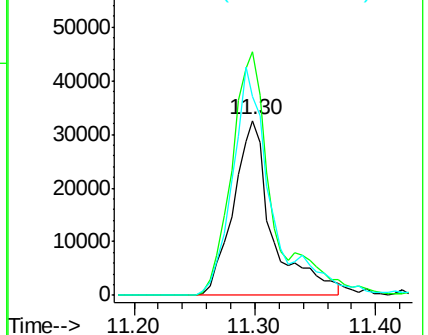
56 113.5 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 40.34 ng

RT: 11.63 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

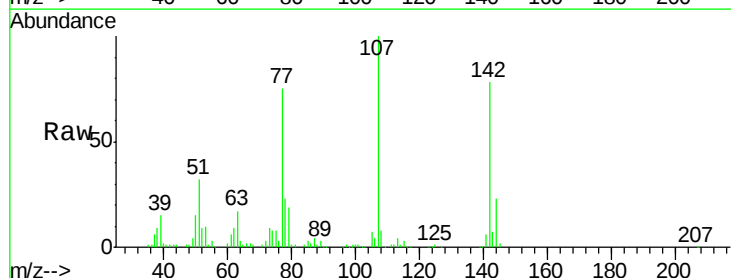
Tgt Ion:107 Resp: 275552

Ion Ratio Lower Upper

107 100

144 23.1 23.3 34.9#

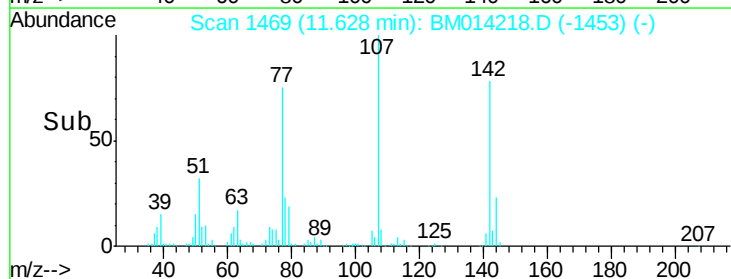
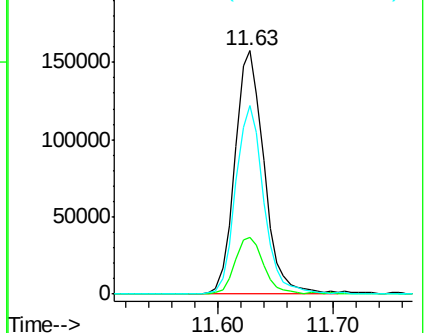
142 77.7 72.6 109.0

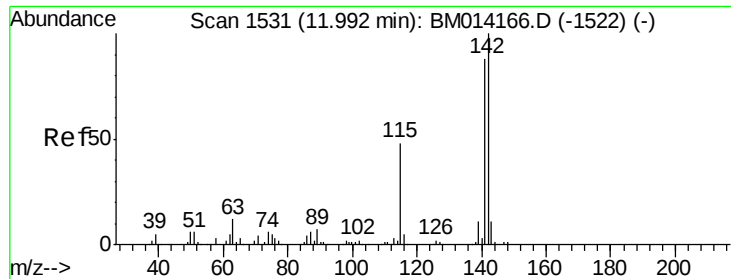


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

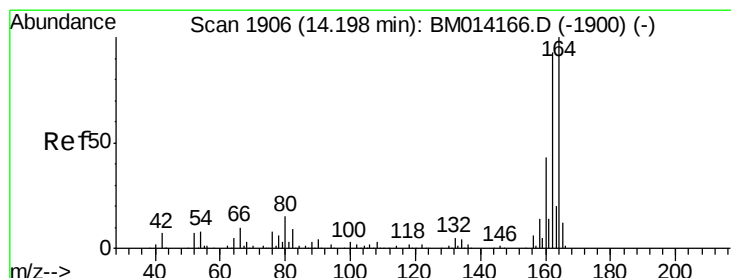
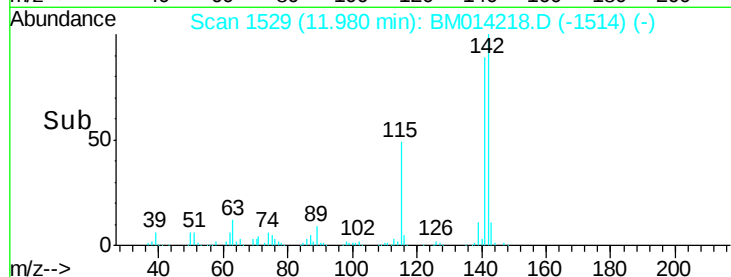
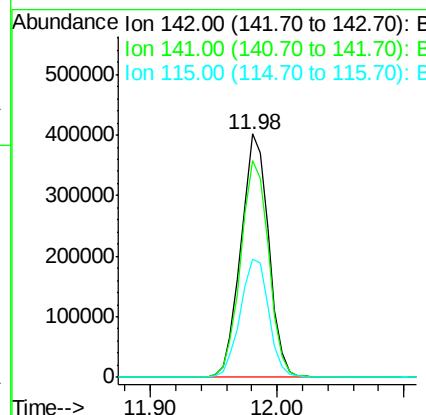
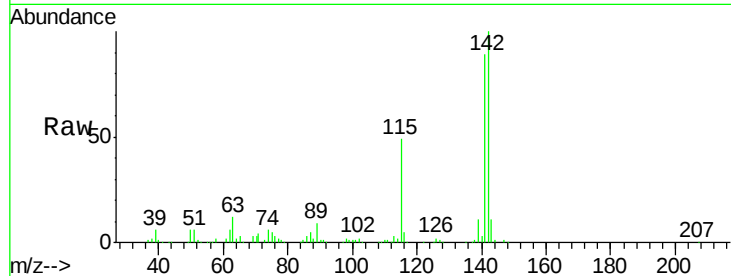




#37
2-Methylnaphthalene
Concen: 39.69 ng
RT: 11.98 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

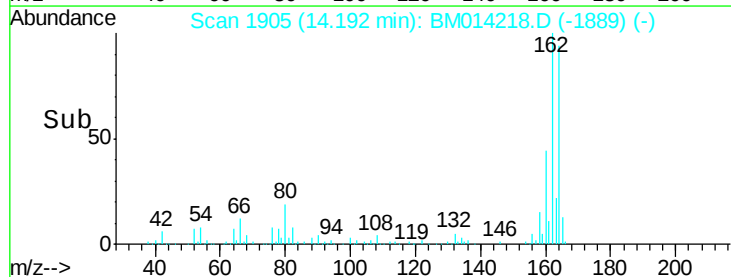
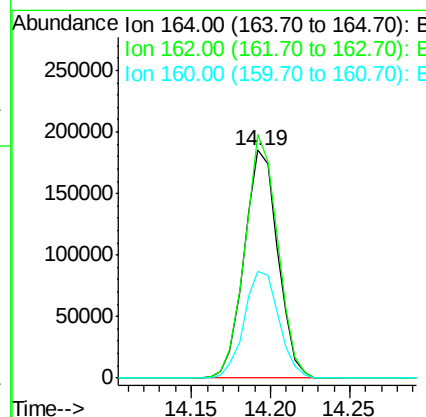
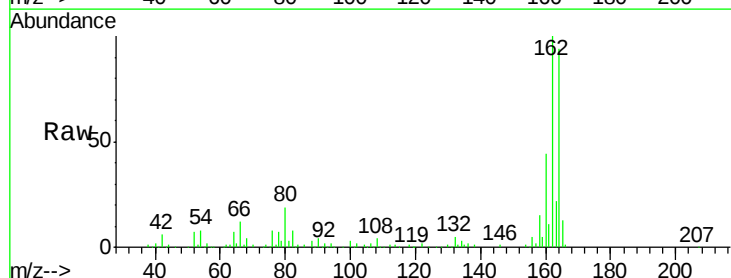
Instrument :
BNA_M
ClientSampleId :

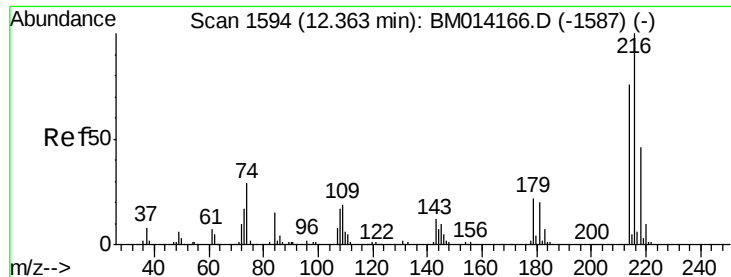
Tot Ion:142 Resp: 609460
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9
115 48.6 25.4 38.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.19 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Tgt Ion:164 Resp: 273200
Ion Ratio Lower Upper
164 100
162 106.8 82.4 123.6
160 46.6 35.8 53.6

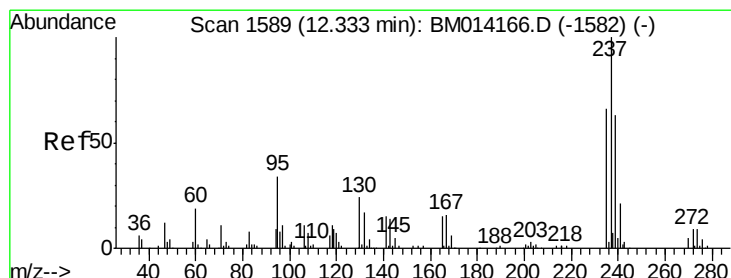
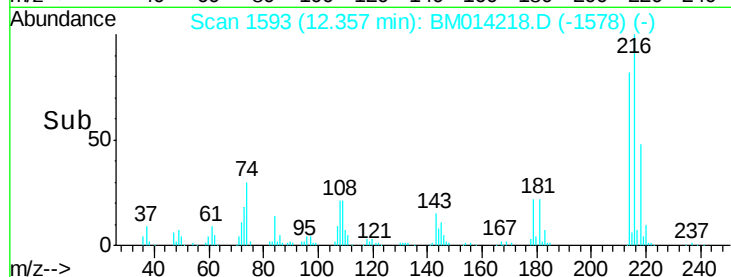
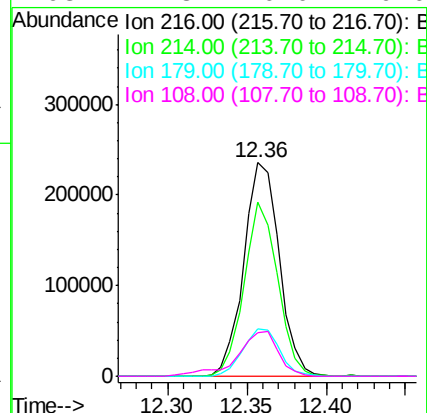
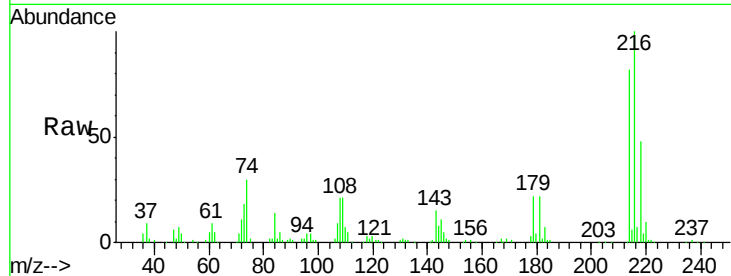




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.45 ng
 RT: 12.36 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BM014218.D
 Acq: 13 Feb 2018 11:28

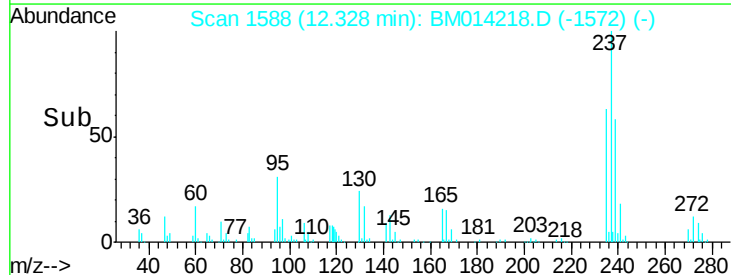
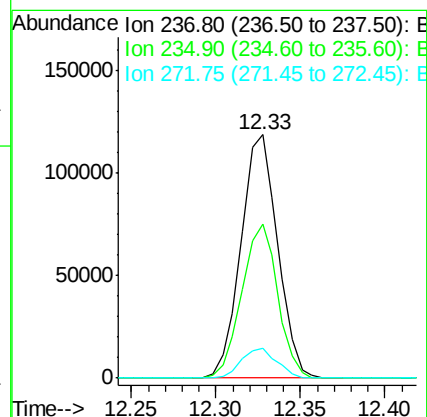
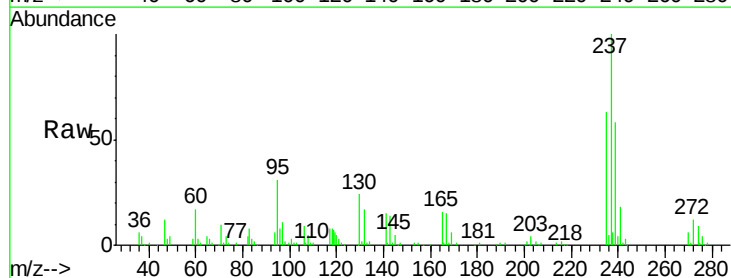
Instrument :
 BNA_M
 ClientSampleId :

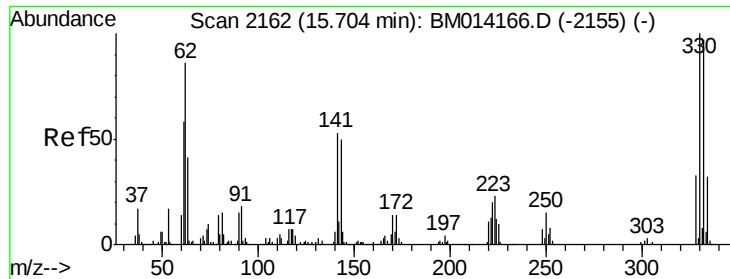
Tot Ion:	216	Resp:	368046
Ion	Ratio	Lower	Upper
216	100		
214	76.8	0.0	0.0#
179	22.8	0.0	0.0#
108	24.3	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 35.77 ng
 RT: 12.33 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BM014218.D
 Acq: 13 Feb 2018 11:28

Tgt Ion:	237	Resp:	179908
Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.0	82.0
272	12.3	0.0	33.4

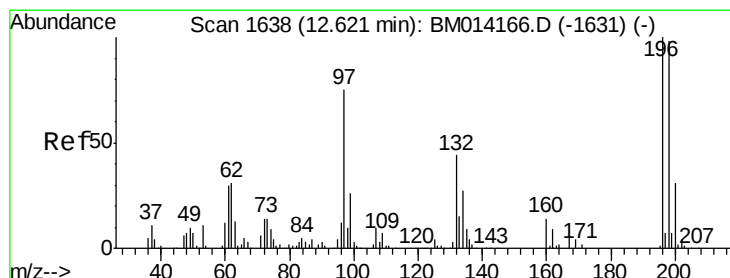
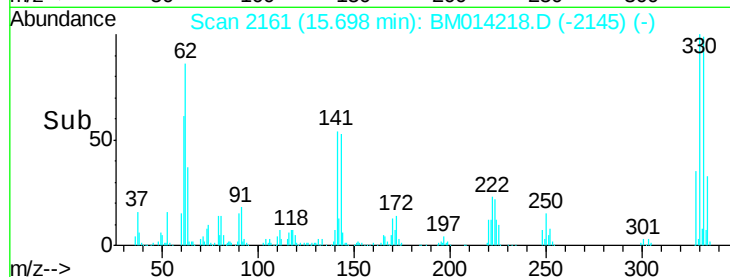
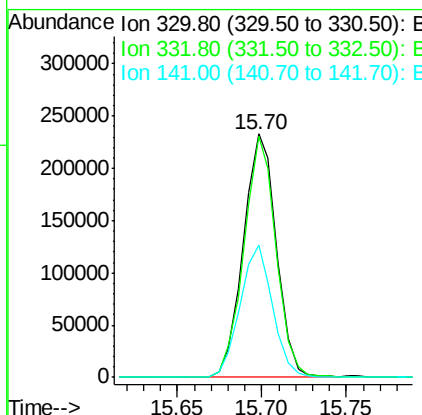
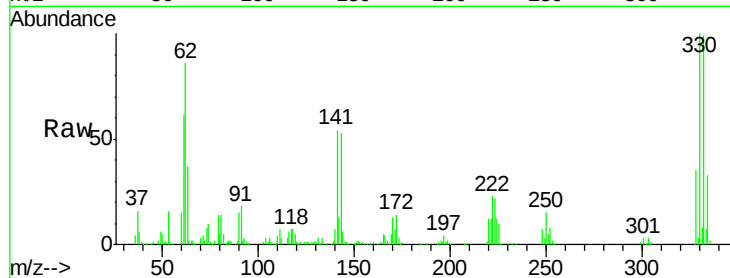




#41
 2,4,6-Tribromophenol
 Concen: 81.84 ng
 RT: 15.70 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BM014218.D
 Acq: 13 Feb 2018 11:28

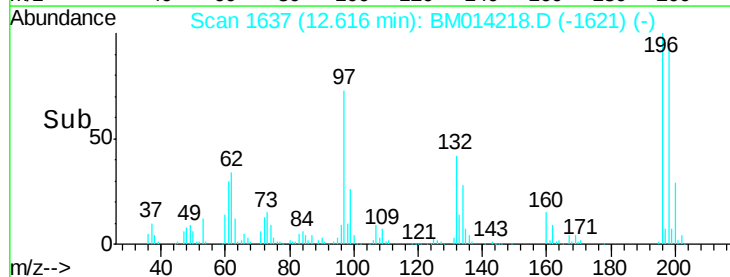
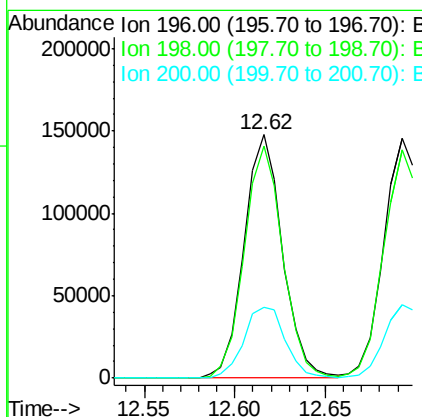
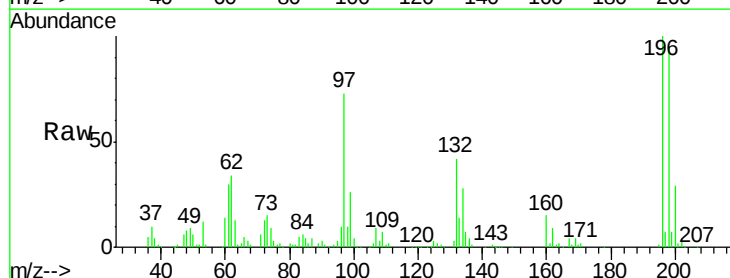
Instrument :
 BNA_M
 ClientSampleId :

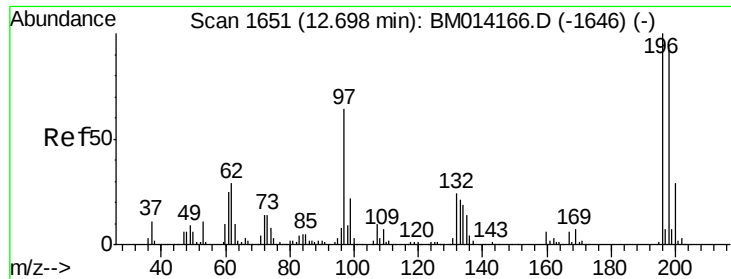
Tot Ion:330 Resp: 317261
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 53.7 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 38.73 ng
 RT: 12.62 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BM014218.D
 Acq: 13 Feb 2018 11:28

Tgt Ion:196 Resp: 217788
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.3 114.5
 200 29.3 25.6 38.4

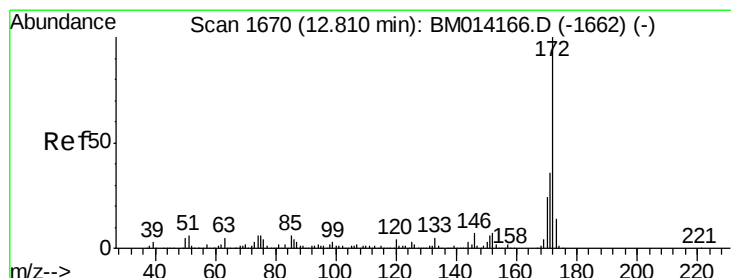
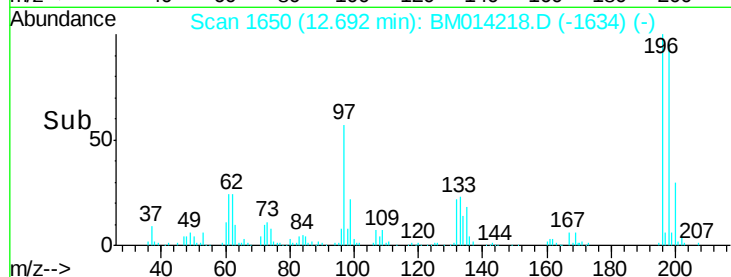
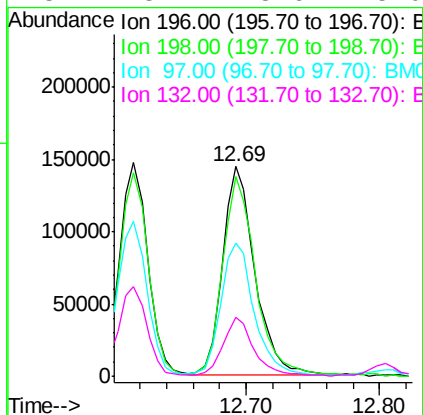
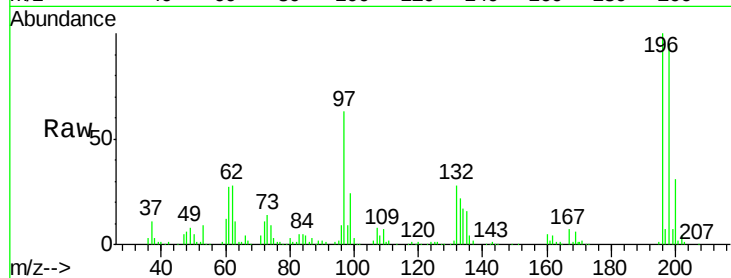




#43
2,4,5-Trichlorophenol
Concen: 39.17 ng
RT: 12.69 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

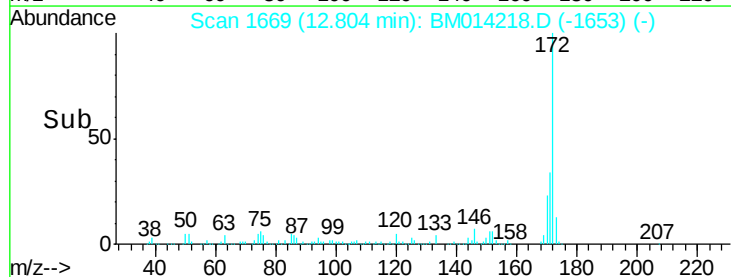
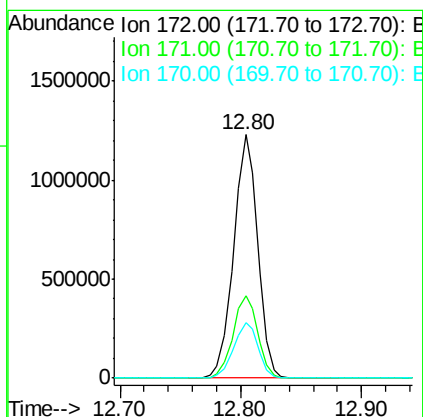
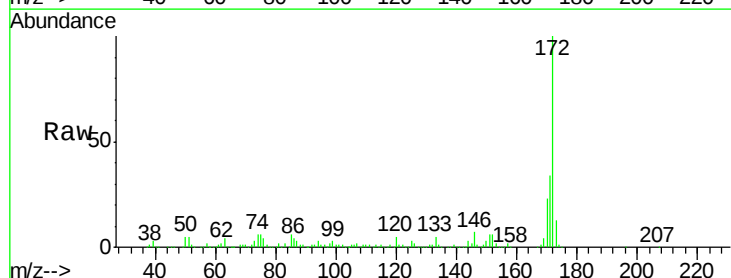
Instrument :
BNA_M
ClientSampleId :

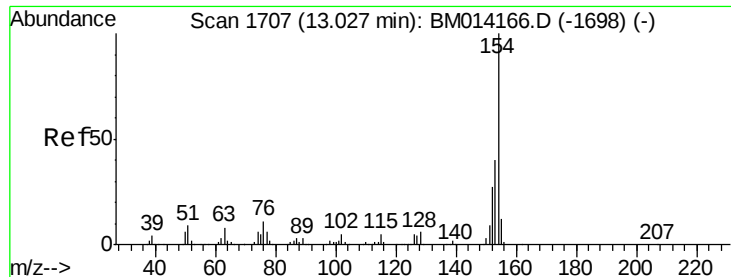
Tot Ion:196 Resp: 243200
Ion Ratio Lower Upper
196 100
198 95.3 79.4 119.0
97 63.2 26.8 40.2#
132 28.1 18.6 28.0#



#44
2-Fluorobiphenyl
Concen: 77.86 ng
RT: 12.80 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Tgt Ion:172 Resp: 1703940
Ion Ratio Lower Upper
172 100
171 34.0 28.5 42.7
170 22.8 18.8 28.2





#45

1,1'-Biphenyl

Concen: 39.05 ng

RT: 13.02 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

Instrument :

BNA_M

ClientSampleId :

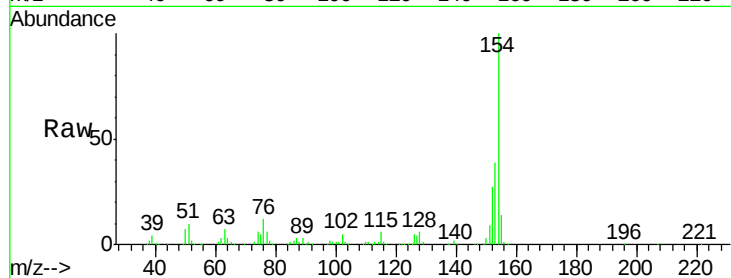
Tot Ion:154 Resp: 924058

Ion Ratio Lower Upper

154 100

153 39.5 20.7 60.7

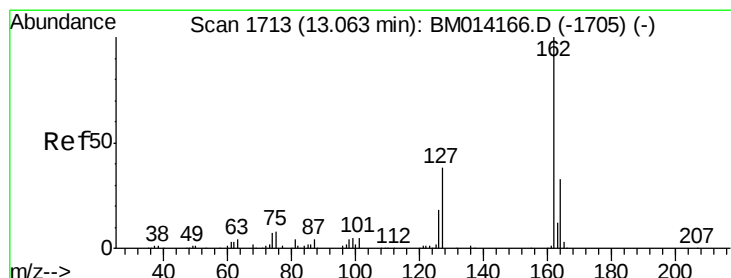
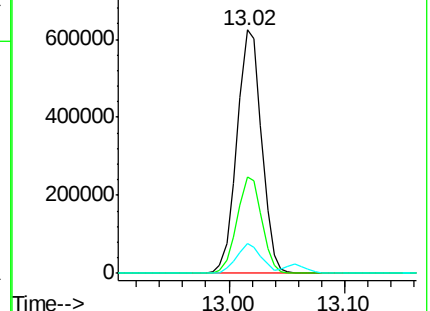
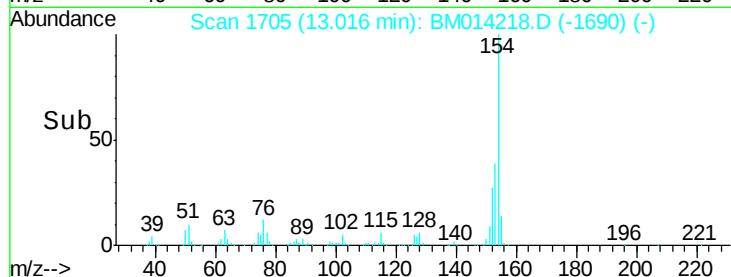
76 12.4 0.0 30.9



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: 38.98 ng

RT: 13.06 min Scan# 1712

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

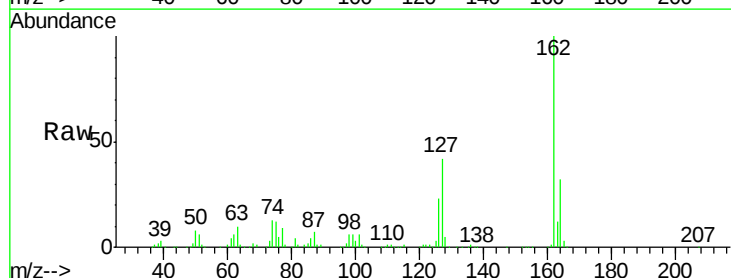
Tgt Ion:162 Resp: 700259

Ion Ratio Lower Upper

162 100

127 42.3 26.9 40.3#

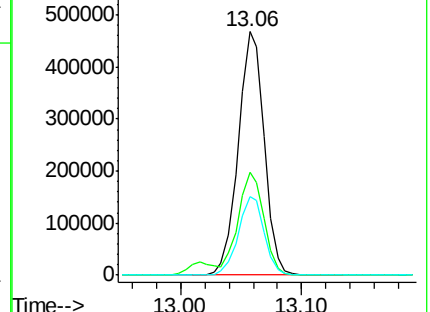
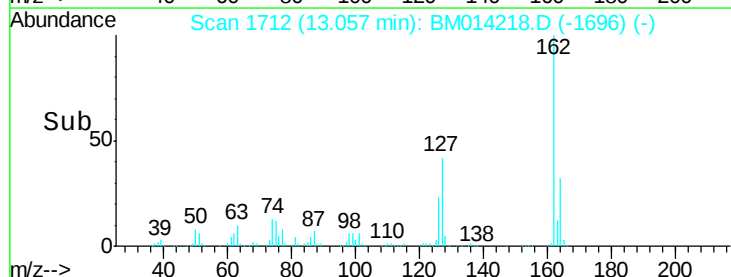
164 32.4 26.8 40.2

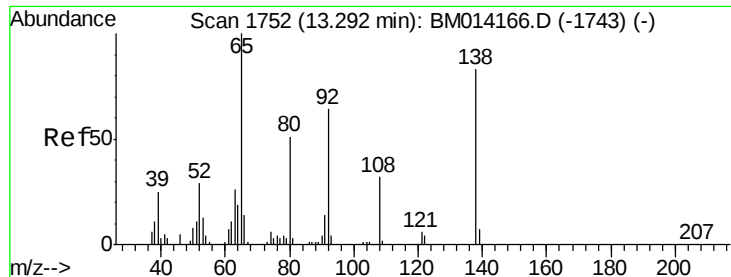


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.01 ng

RT: 13.29 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

Instrument :

BNA_M

ClientSampleId :

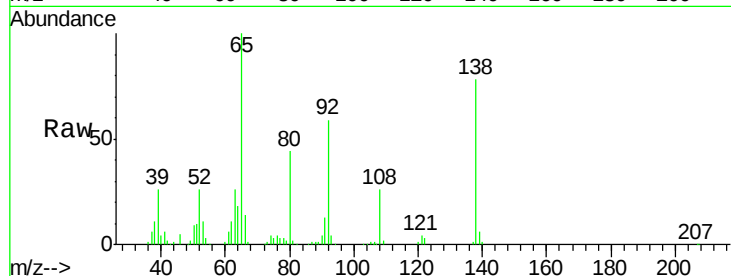
Tot Ion: 65 Resp: 257877

Ion Ratio Lower Upper

65 100

92 58.8 59.1 88.7#

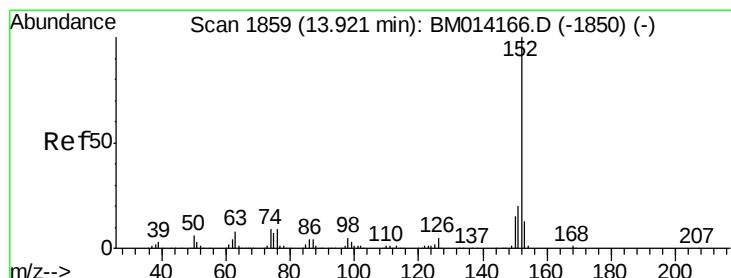
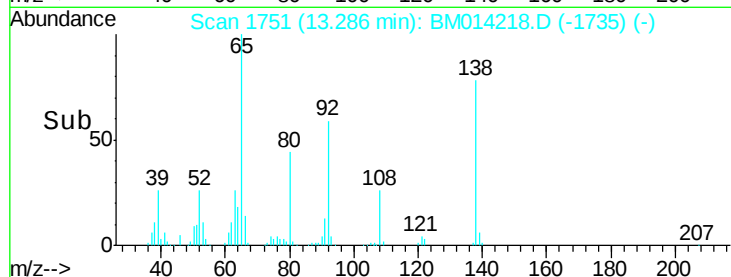
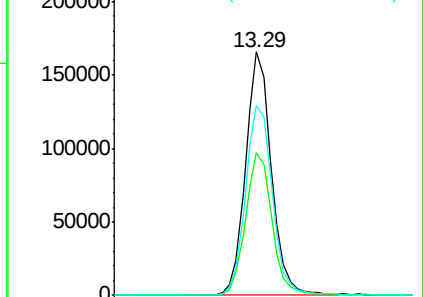
138 77.8 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM014218.D (-1743) (-)

Ion 92.00 (91.70 to 92.70): BM014218.D (-1743) (-)

Ion 138.00 (137.70 to 138.70): BM014218.D (-1743) (-)



#48

Acenaphthylene

Concen: 39.22 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

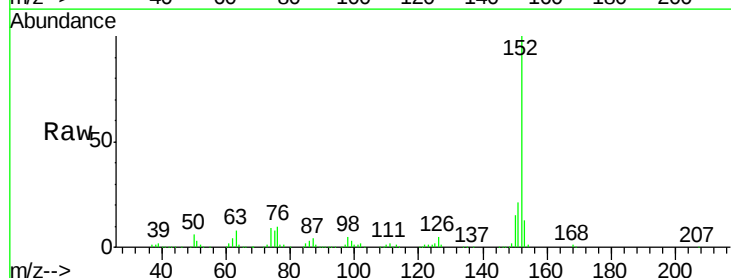
Tgt Ion: 152 Resp: 1155341

Ion Ratio Lower Upper

152 100

151 20.7 15.9 23.9

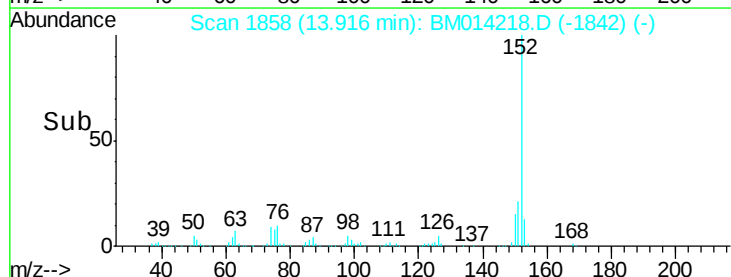
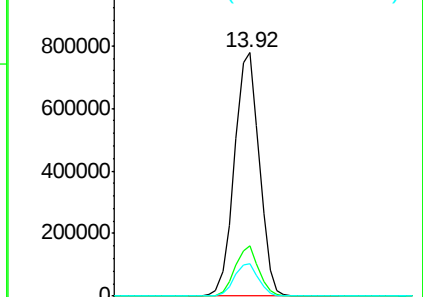
153 13.3 10.6 16.0

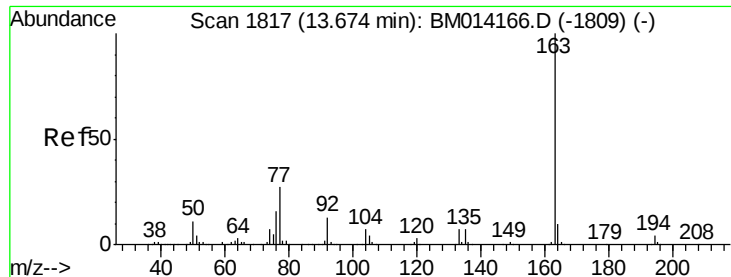


Abundance Ion 152.00 (151.70 to 152.70): BM014218.D (-1842) (-)

Ion 151.00 (150.70 to 151.70): BM014218.D (-1842) (-)

Ion 153.00 (152.70 to 153.70): BM014218.D (-1842) (-)





#49

Dimethylphthalate

Concen: 38.77 ng

RT: 13.67 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

Instrument :

BNA_M

ClientSampleId :

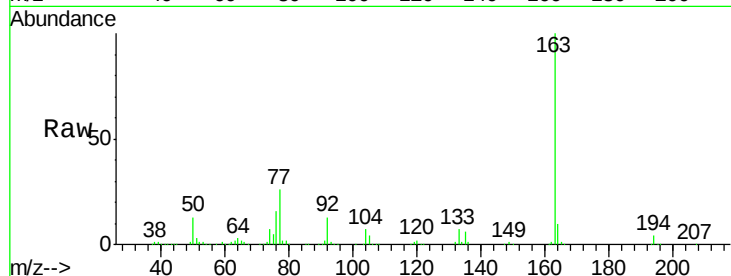
Tot Ion:163 Resp: 948311

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

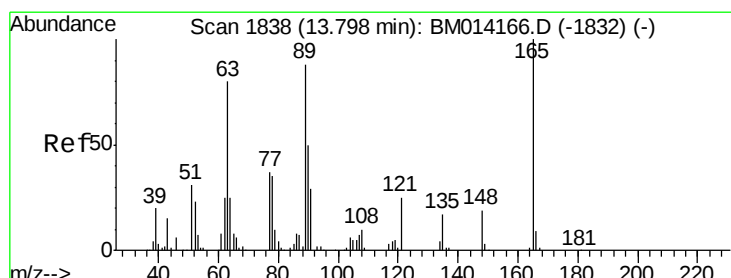
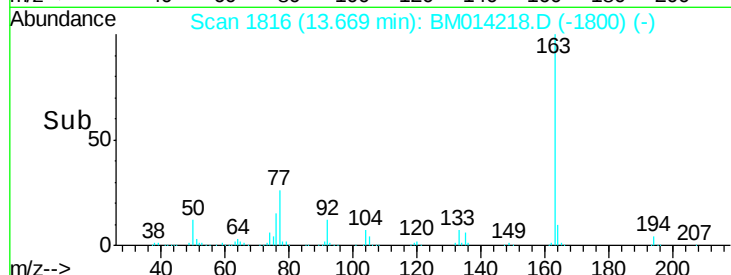
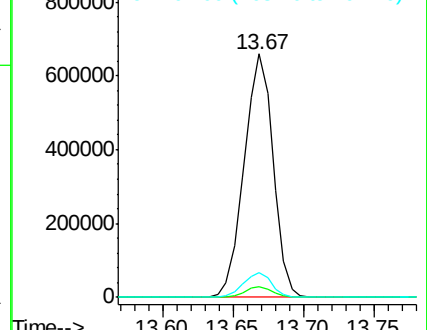
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.39 ng

RT: 13.80 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

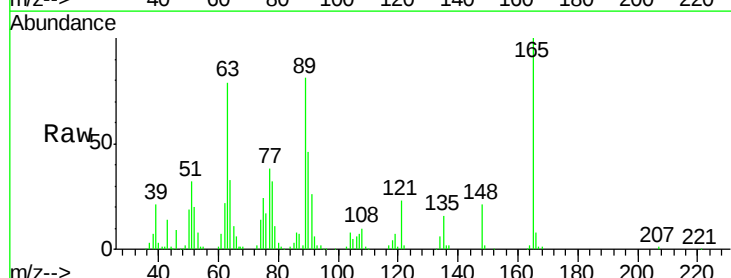
Tgt Ion:165 Resp: 192685

Ion Ratio Lower Upper

165 100

63 78.5 44.1 66.1#

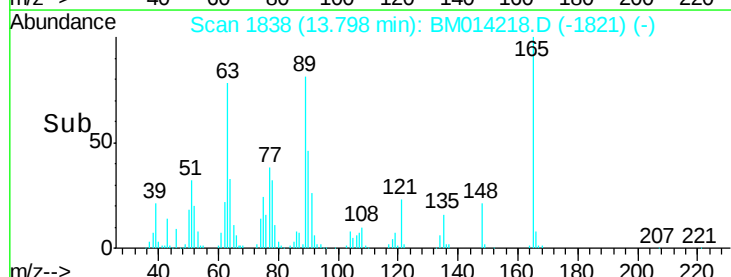
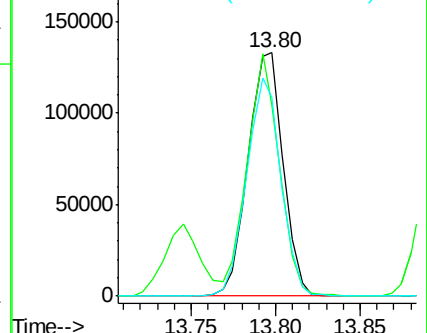
89 81.5 44.3 66.5#

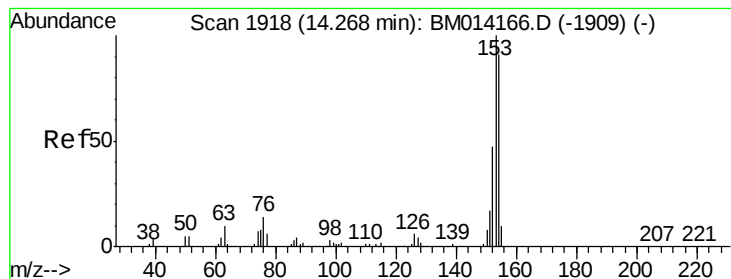


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 39.38 ng

RT: 14.26 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

Instrument :

BNA_M

ClientSampleId :

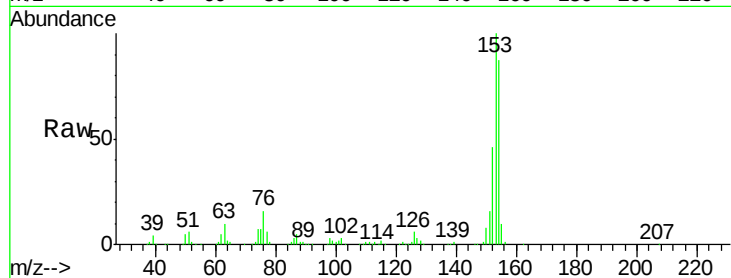
Tot Ion:154 Resp: 715066

Ion Ratio Lower Upper

154 100

153 115.4 90.0 135.0

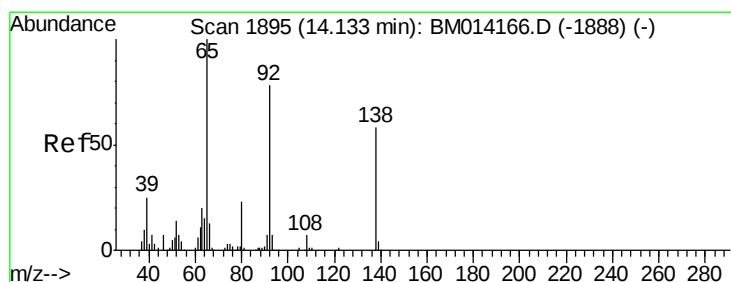
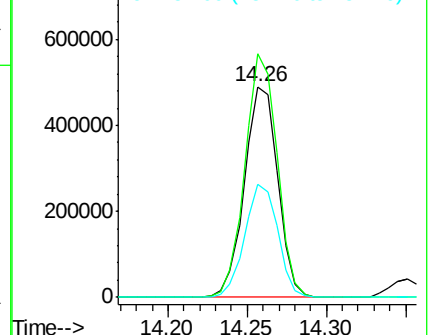
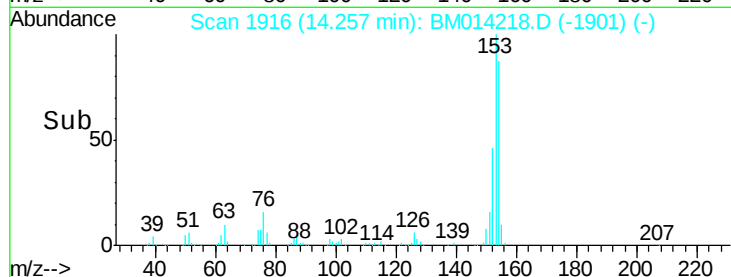
152 53.4 42.6 63.8



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: 36.86 ng

RT: 14.13 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

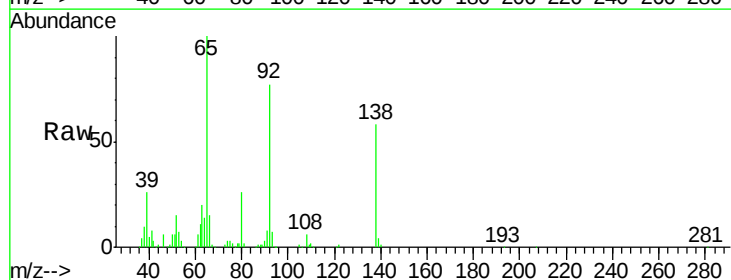
Tgt Ion:138 Resp: 191323

Ion Ratio Lower Upper

138 100

108 10.1 7.3 10.9

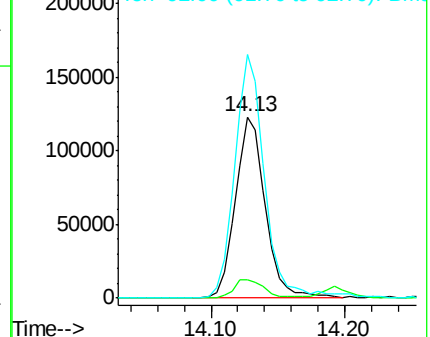
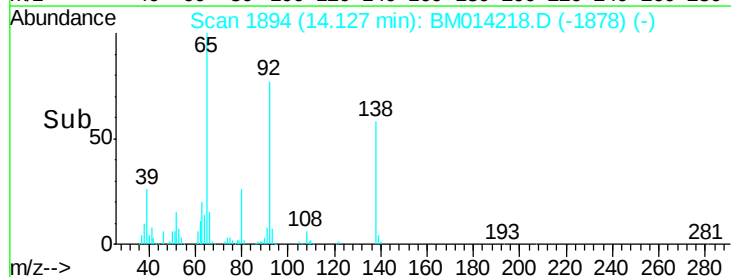
92 134.1 76.6 114.8#

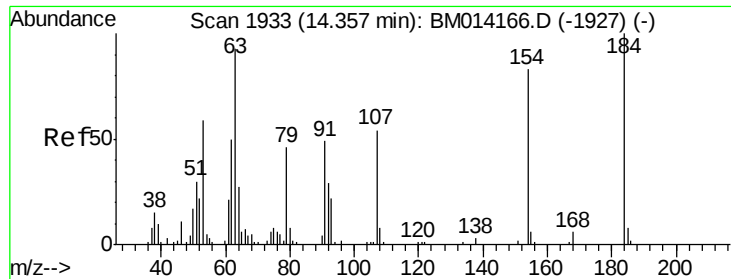


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

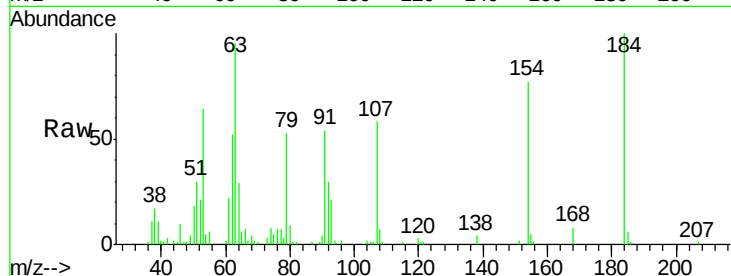




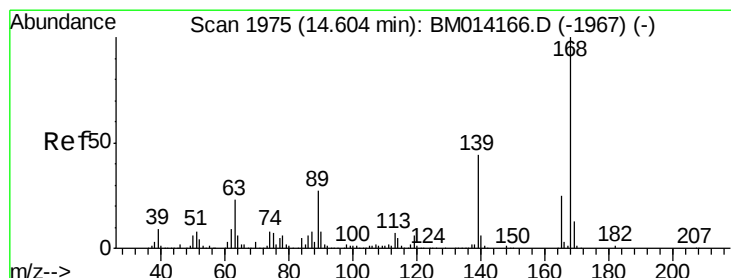
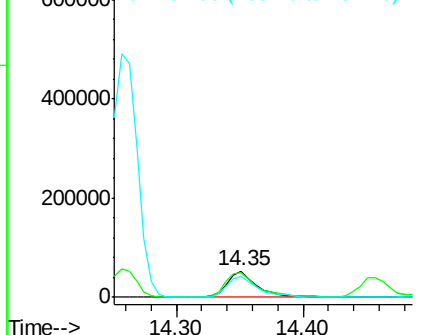
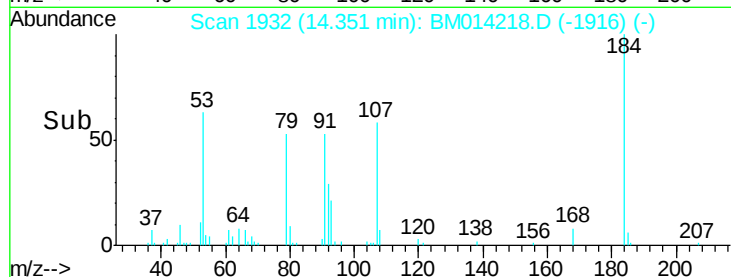
#53
2,4-Dinitrophenol
Concen: 35.12 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:184 Resp: 86739
Ion Ratio Lower Upper
184 100
63 94.6 69.2 103.8
154 77.4 53.3 79.9

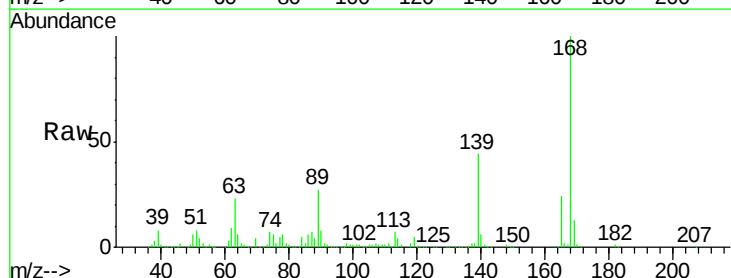


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM014218.D (-1916) (-)
Ion 154.00 (153.70 to 154.70): E

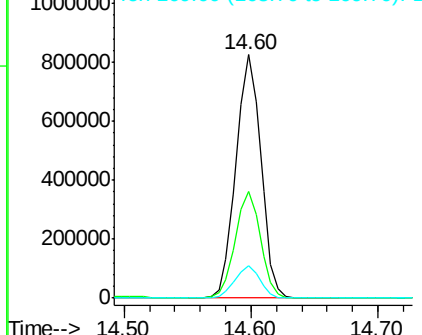
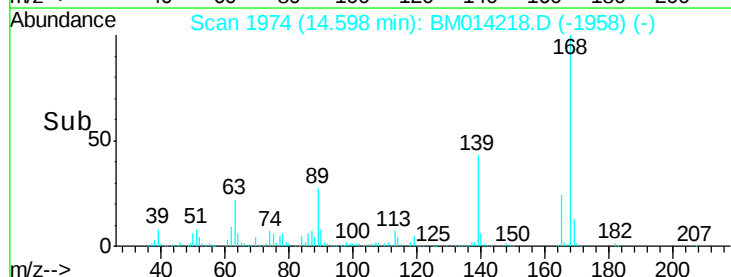


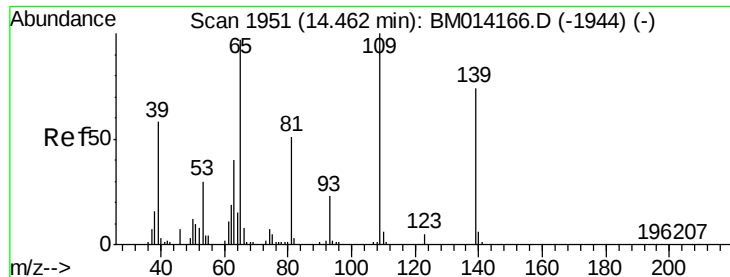
#54
Dibenzofuran
Concen: 39.66 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Tgt Ion:168 Resp: 1125135
Ion Ratio Lower Upper
168 100
139 43.7 27.3 40.9#
169 13.1 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: 35.46 ng

RT: 14.46 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

Instrument :

BNA_M

ClientSampleId :

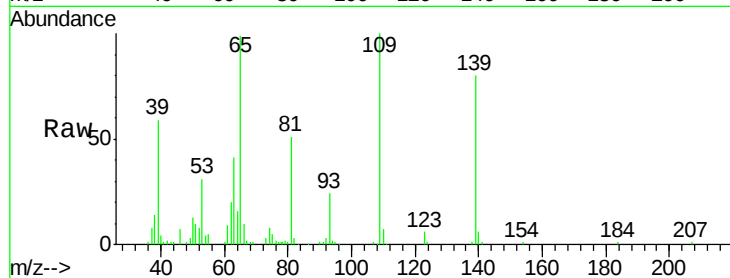
Tot Ion:139 Resp: 131559

Ion Ratio Lower Upper

139 100

109 125.2 130.0 170.0#

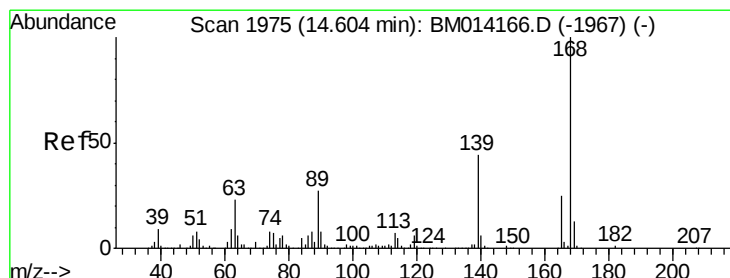
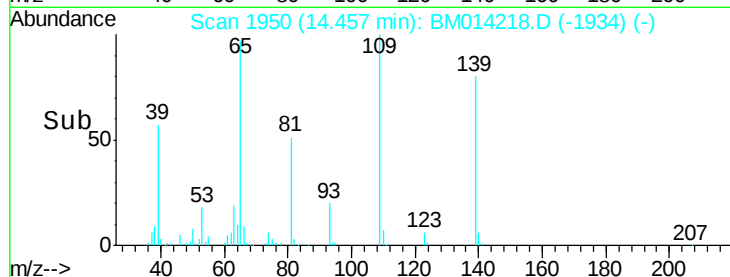
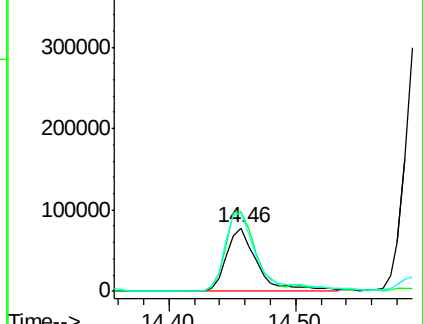
65 124.0 130.0 170.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#56

2,4-Dinitrotoluene

Concen: 38.81 ng

RT: 14.60 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

Tgt Ion:165 Resp: 300609

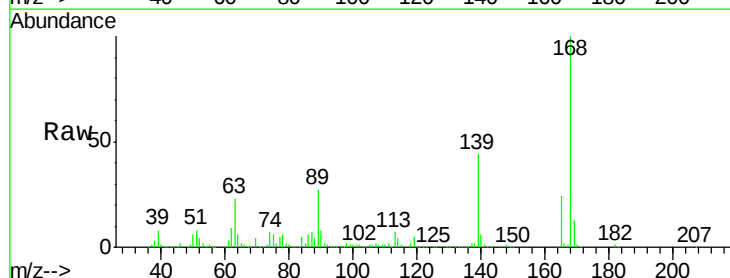
Ion Ratio Lower Upper

165 100

63 92.4 52.4 78.6#

89 108.5 72.4 108.6

182 2.9 2.0 3.0

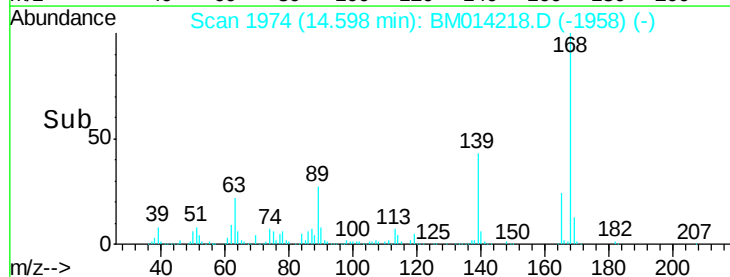
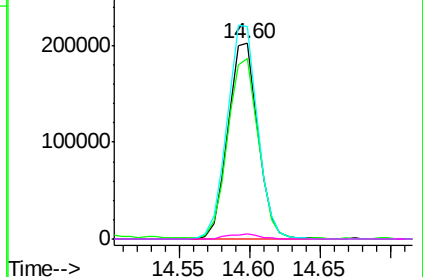


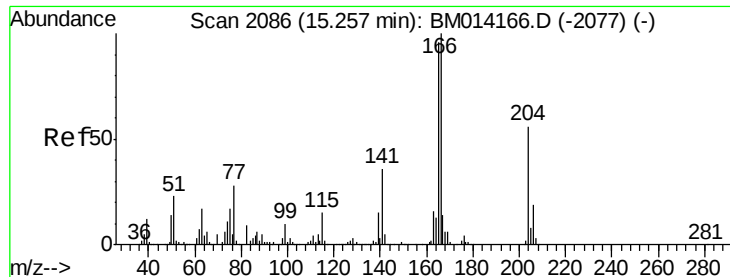
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.05 ng

RT: 15.25 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

Instrument :

BNA_M

ClientSampled :

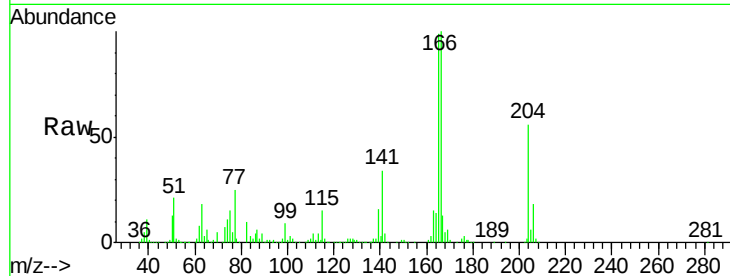
Tot Ion:166 Resp: 999740

Ion Ratio Lower Upper

166 100

165 99.4 79.0 118.4

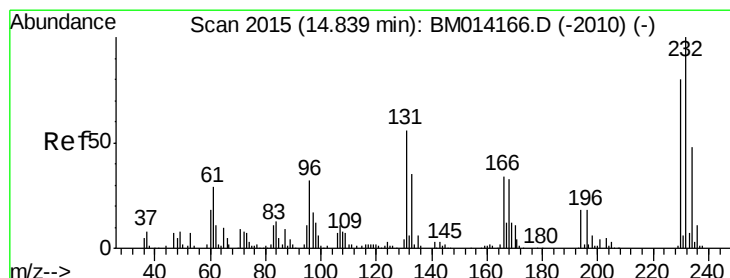
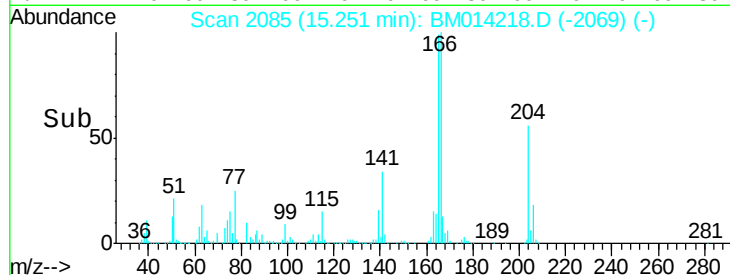
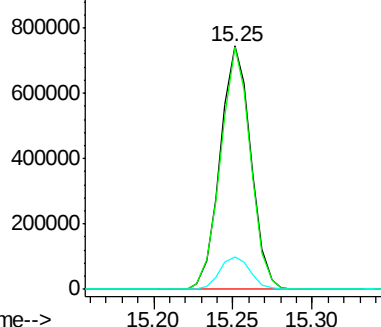
167 13.1 10.3 15.5



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: 39.34 ng

RT: 14.83 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

Tgt Ion:232 Resp: 240654

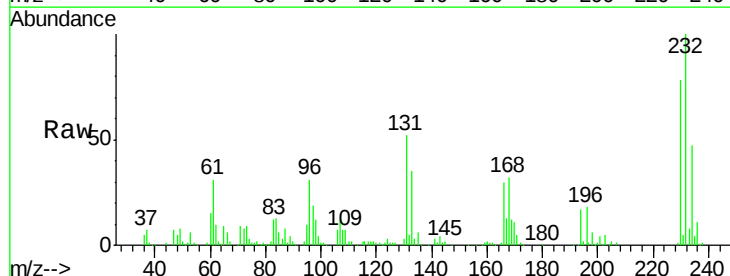
Ion Ratio Lower Upper

232 100

131 55.8 0.0 0.0#

130 3.6 0.0 0.0#

166 32.8 0.0 0.0#

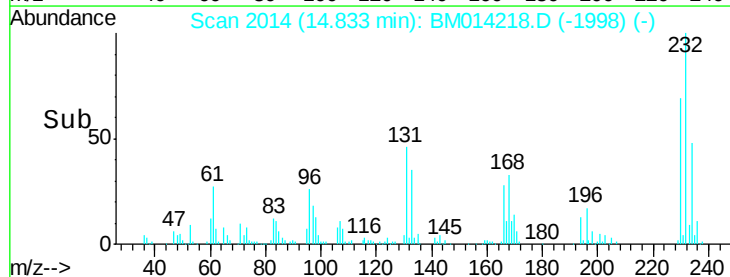
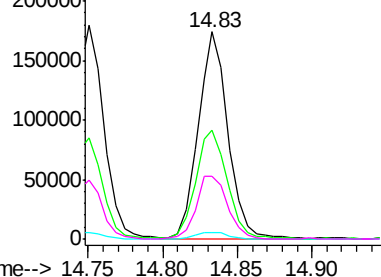


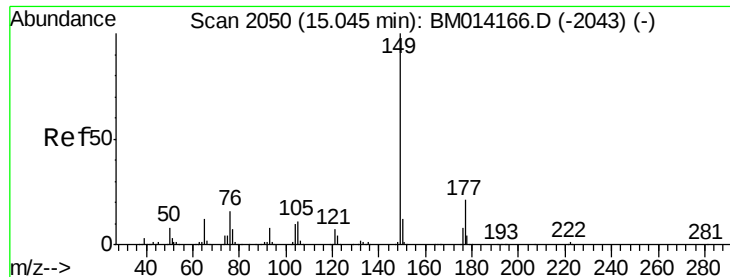
Abundance Ion 232.00 (231.70 to 232.70): E

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

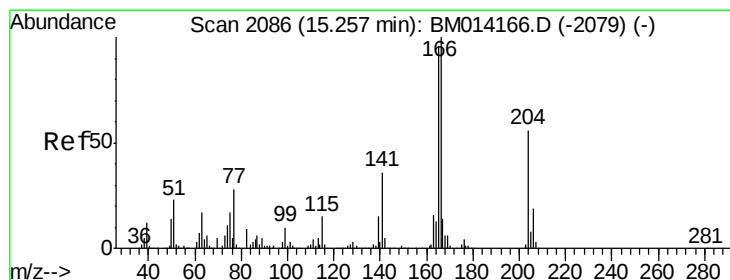
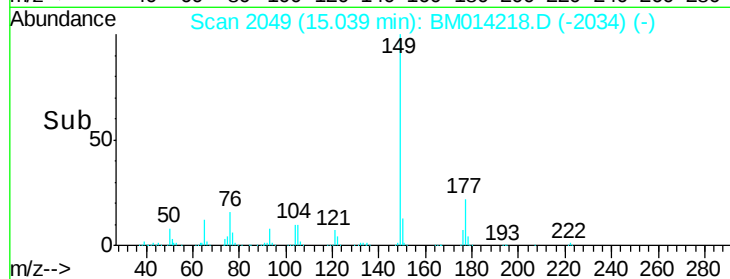
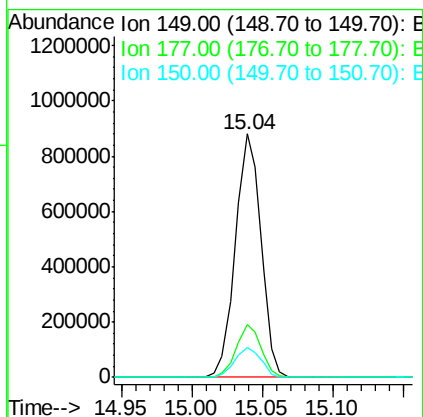
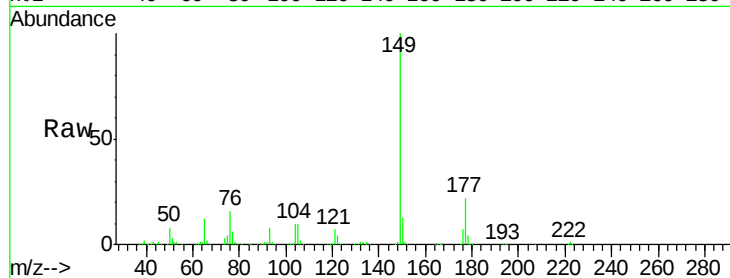




#59
Diethylphthalate
Concen: 40.95 ng
RT: 15.04 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

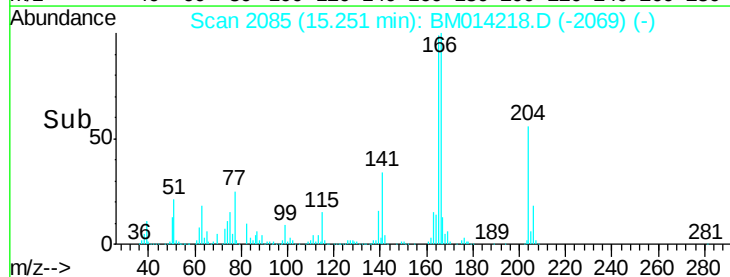
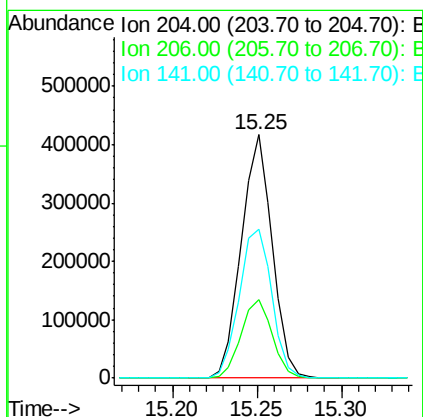
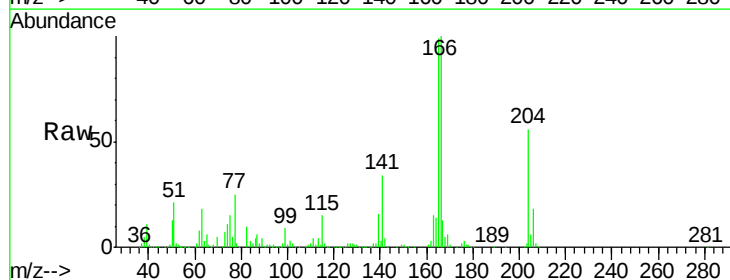
Instrument :
BNA_M
ClientSampled :

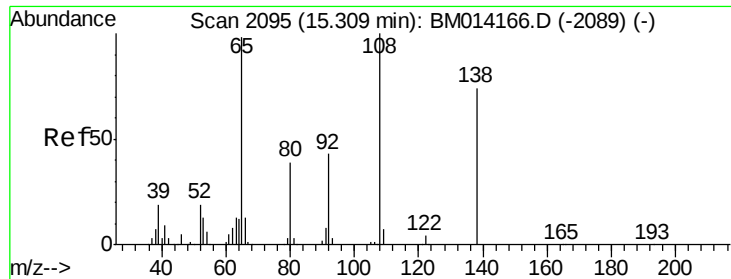
Tot Ion:149 Resp: 1111626
Ion Ratio Lower Upper
149 100
177 21.6 18.3 27.5
150 12.5 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 40.99 ng
RT: 15.25 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Tgt Ion:204 Resp: 531884
Ion Ratio Lower Upper
204 100
206 32.2 26.6 39.8
141 61.2 45.2 67.8

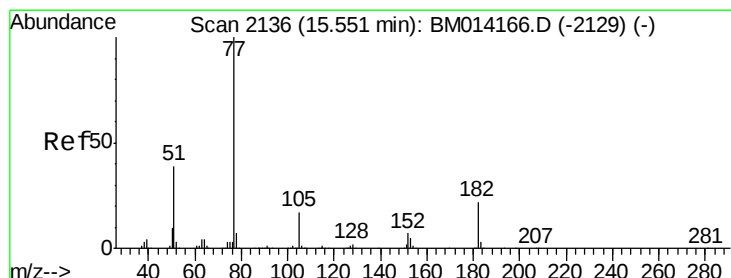
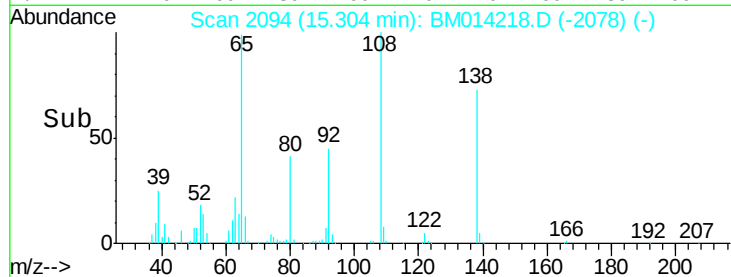
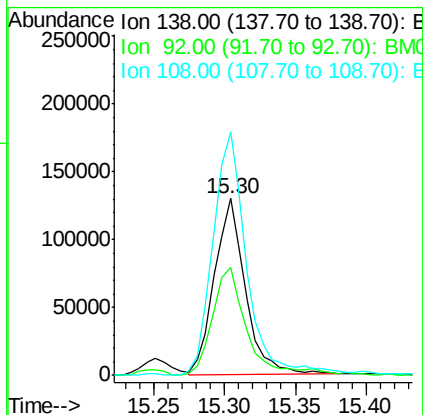
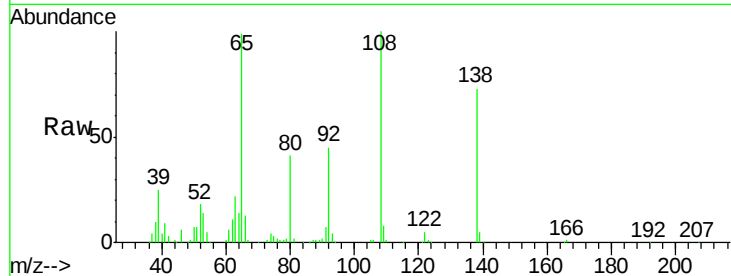




#61
4-Nitroaniline
Concen: 37.86 ng
RT: 15.30 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

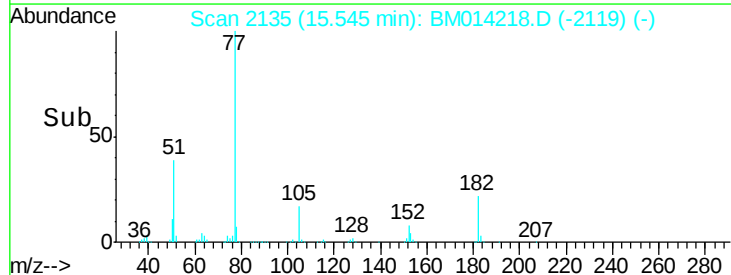
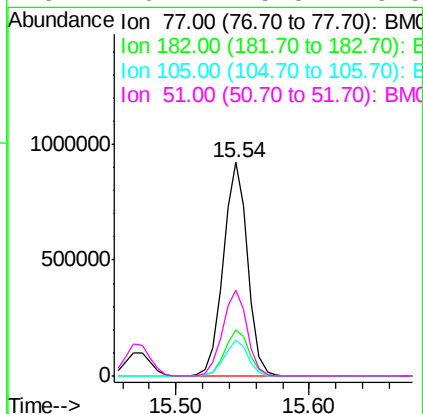
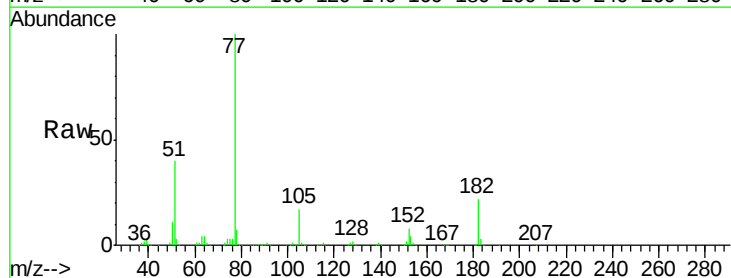
Instrument :
BNA_M
ClientSampled :

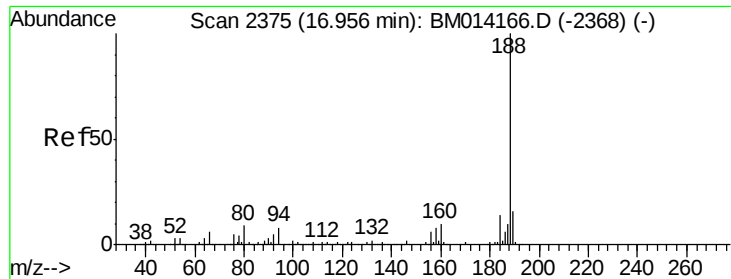
Tot Ion:138 Resp: 196637
Ion Ratio Lower Upper
138 100
92 61.4 16.7 56.7#
108 137.7 37.6 77.6#



#62
Azobenzene
Concen: 41.64 ng
RT: 15.54 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Tgt Ion: 77 Resp: 1174146
Ion Ratio Lower Upper
77 100
182 21.5 6.5 46.5
105 16.9 3.8 43.8
51 40.1 5.5 45.5

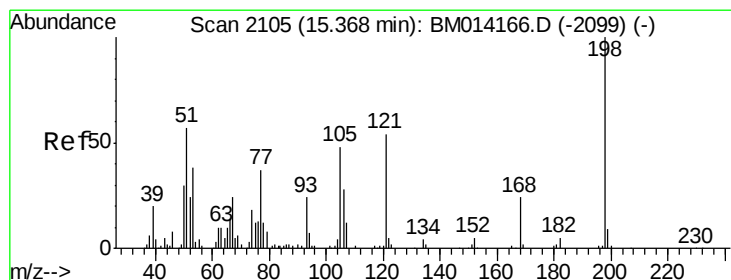
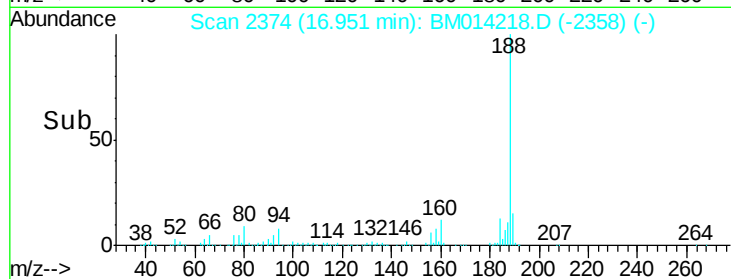
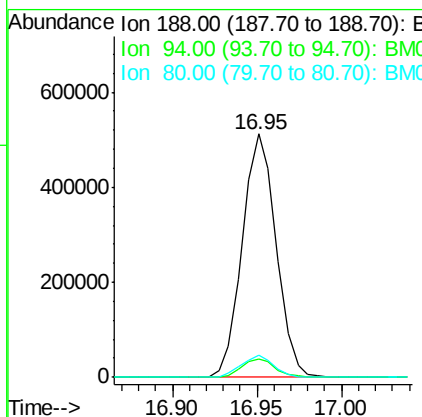
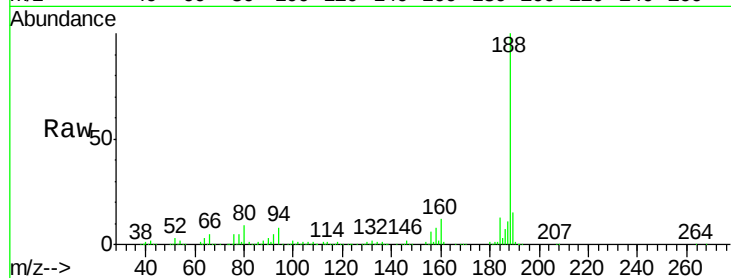




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

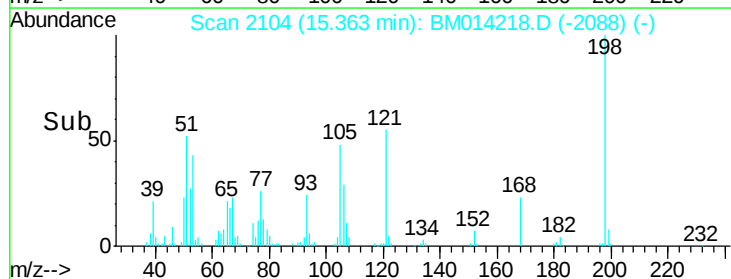
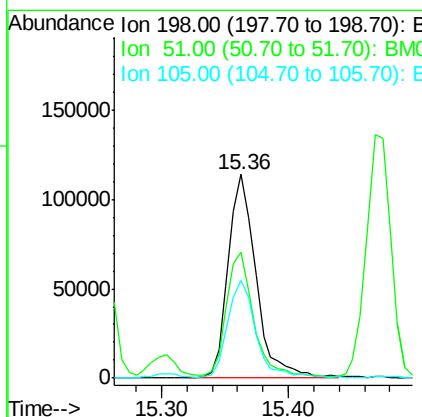
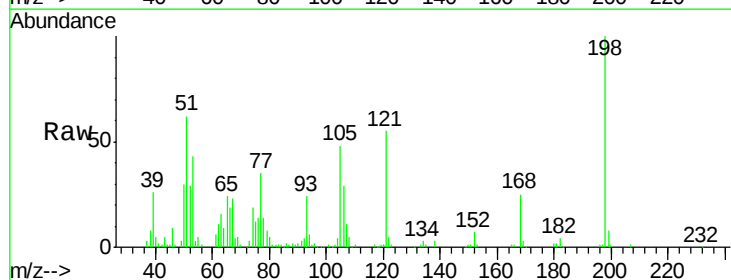
Instrument :
BNA_M
ClientSampleId :

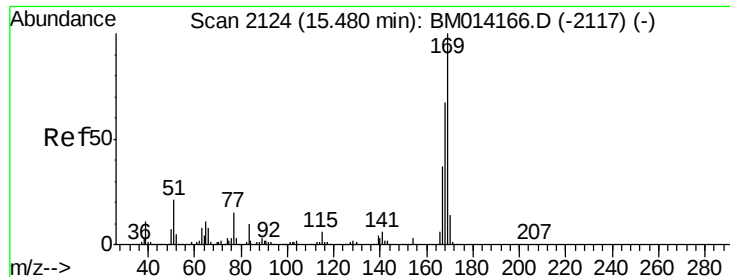
Tot Ion:188 Resp: 717516
Ion Ratio Lower Upper
188 100
94 7.7 8.7 13.1#
80 9.3 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 36.84 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Tgt Ion:198 Resp: 173854
Ion Ratio Lower Upper
198 100
51 61.5 28.8 68.8
105 48.0 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 38.68 ng

RT: 15.47 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

Instrument :

BNA_M

ClientSampleId :

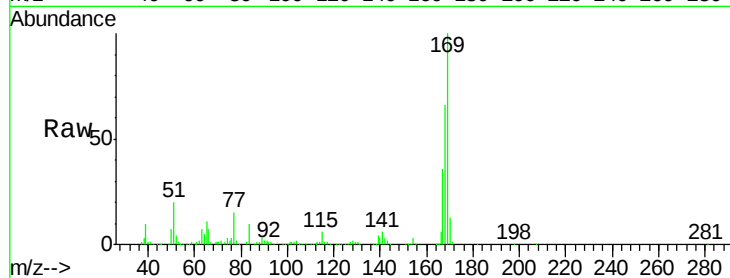
Tot Ion:169 Resp: 876145

Ion Ratio Lower Upper

169 100

168 65.8 53.9 80.9

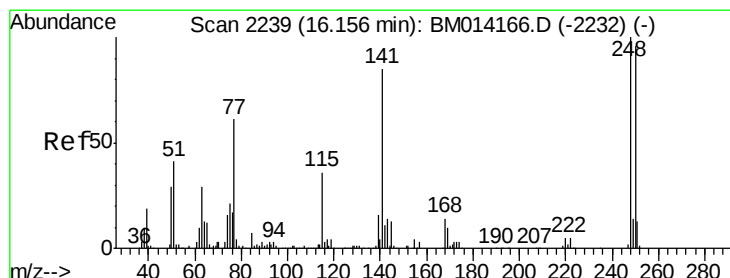
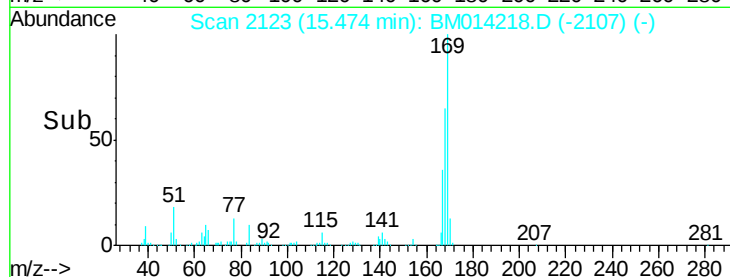
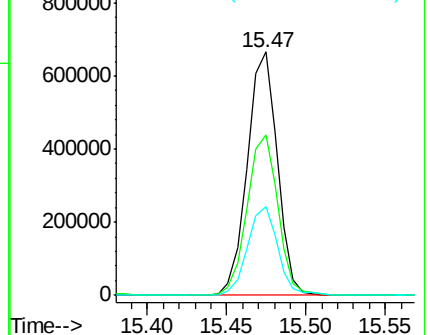
167 36.4 28.9 43.3



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: 38.60 ng

RT: 16.14 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

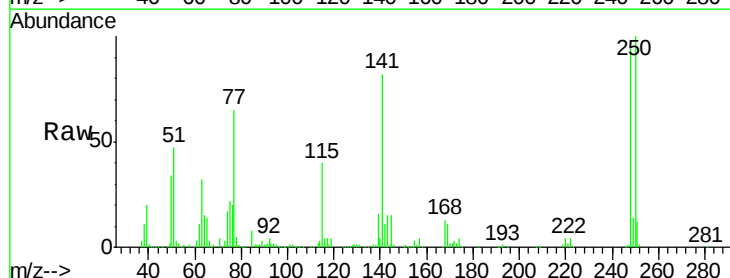
Tgt Ion:248 Resp: 324648

Ion Ratio Lower Upper

248 100

250 106.6 77.4 116.0

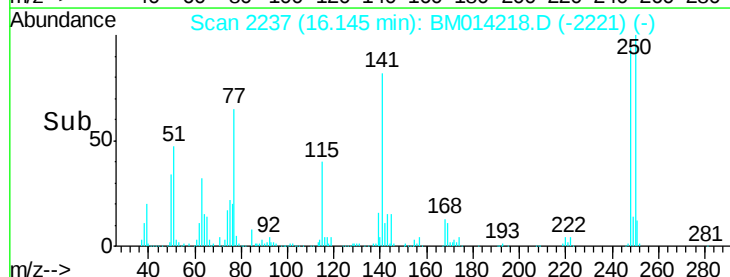
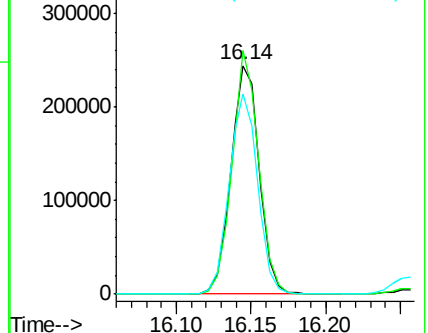
141 87.4 45.2 67.8#

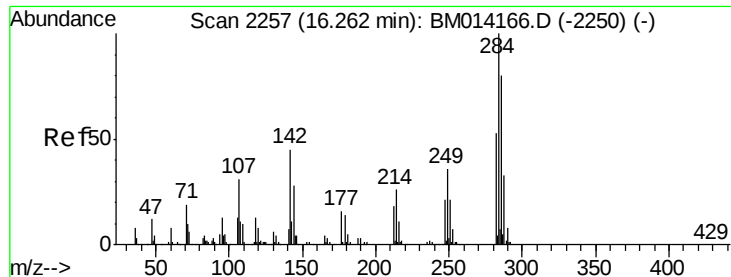


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

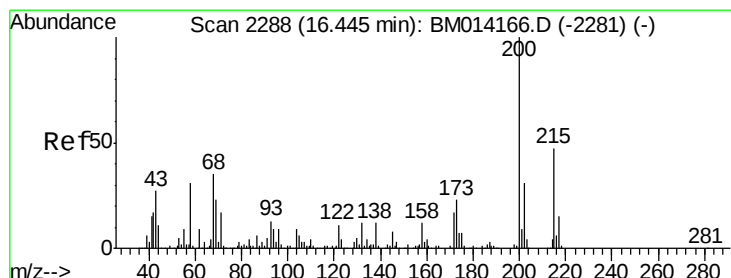
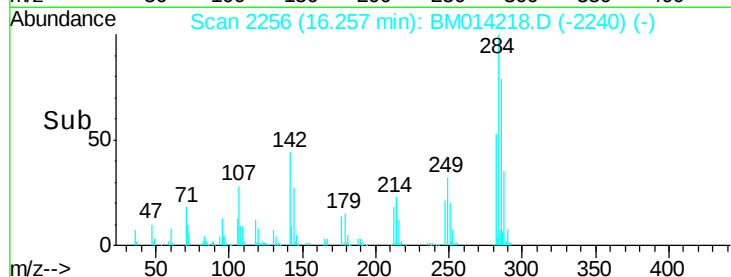
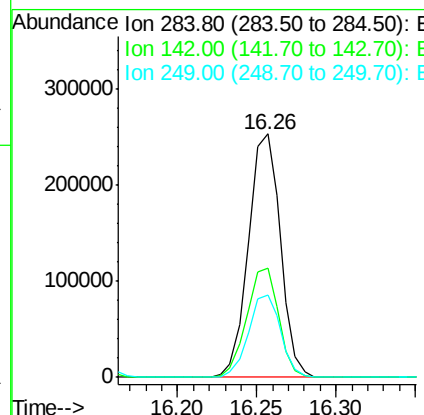
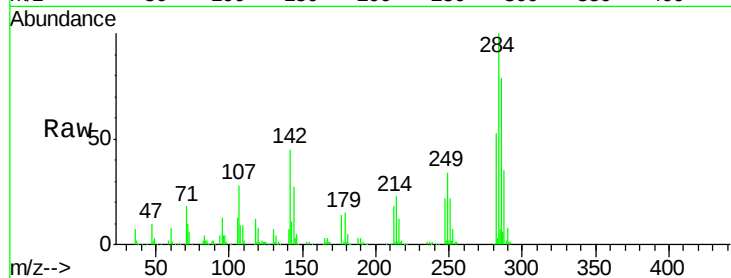




#67
Hexachlorobenzene
Concen: 38.38 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

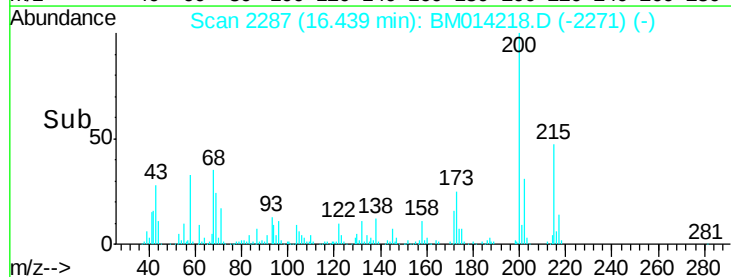
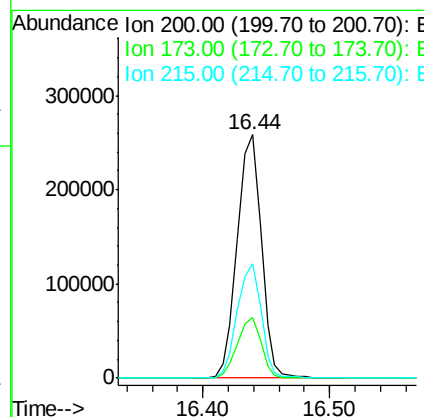
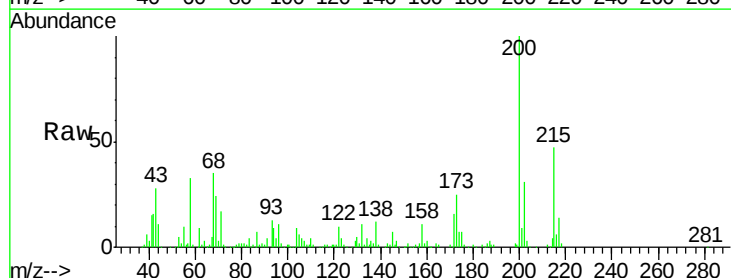
Instrument :
BNA_M
ClientSampleId :

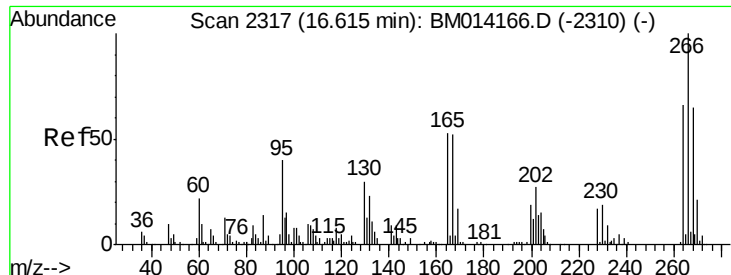
Tot Ion	Ratio	Lower	Upper
284	100		
142	44.7	20.4	30.6
249	34.1	23.8	35.6



#68
Atrazine
Concen: 40.15 ng
RT: 16.44 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.9	4.8	44.8
215	46.9	26.9	66.9

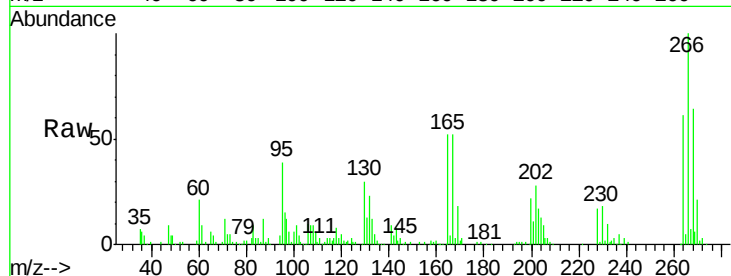




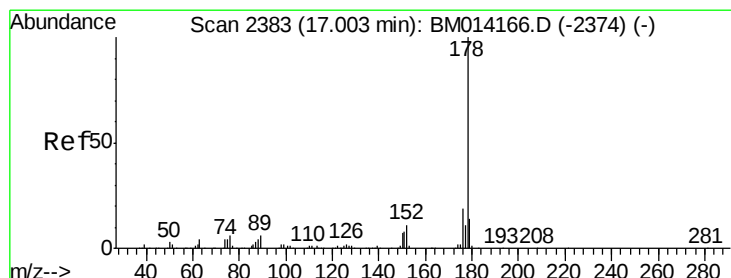
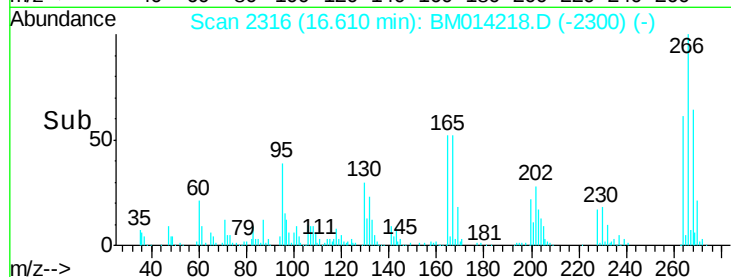
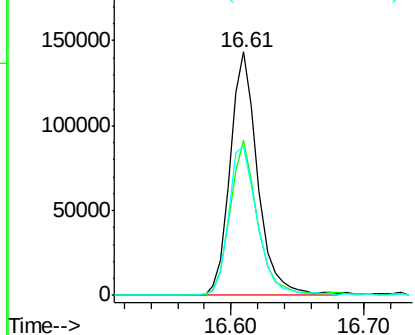
#69
 Pentachlorophenol
 Concen: 36.34 ng
 RT: 16.61 min Scan# 2316
 Delta R.T. -0.01 min
 Lab File: BM014218.D
 Acq: 13 Feb 2018 11:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	52.0	78.0
264	61.2	49.0	73.4

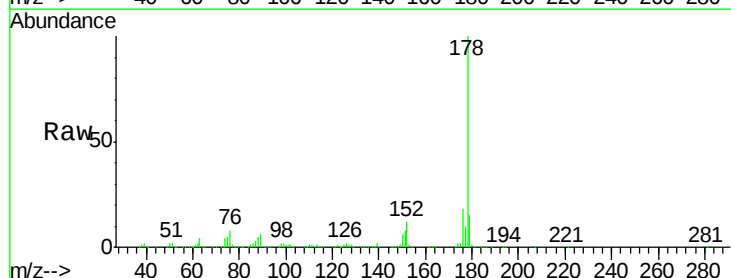


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

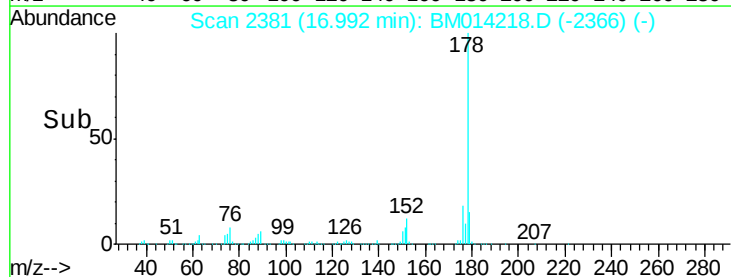
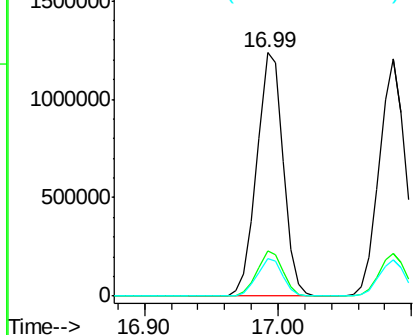


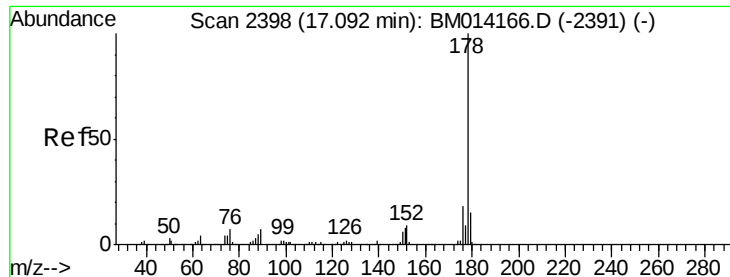
#70
 Phenanthrene
 Concen: 38.78 ng
 RT: 16.99 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BM014218.D
 Acq: 13 Feb 2018 11:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.2	22.8
179	15.3	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



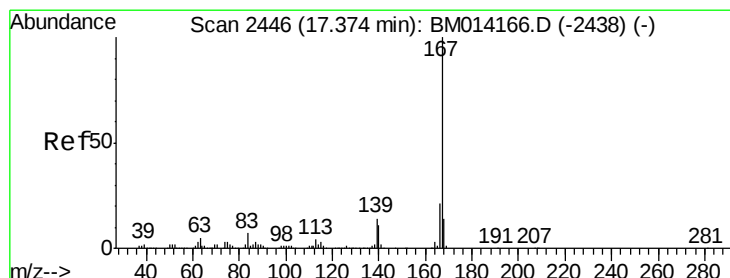
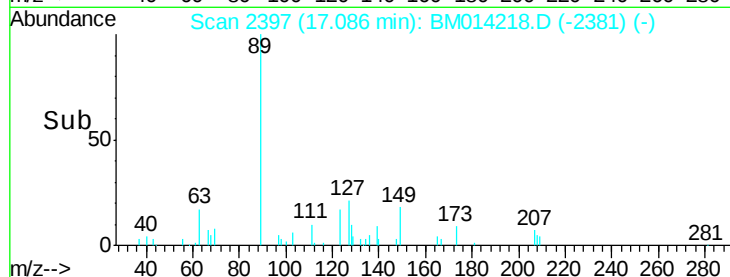
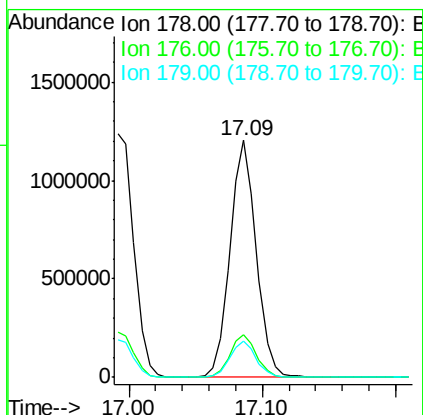
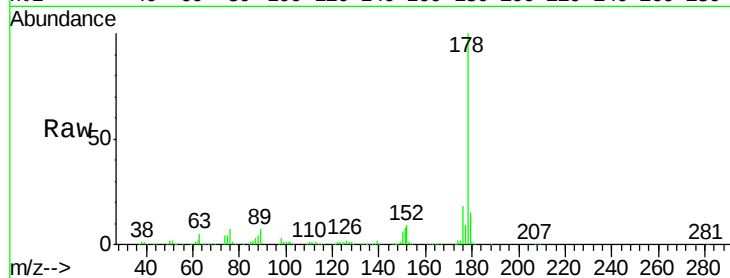


#71
 Anthracene
 Concen: 39.16 ng
 RT: 17.09 min Scan# 2397
 Delta R.T. -0.01 min
 Lab File: BM014218.D
 Acq: 13 Feb 2018 11:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 1651587

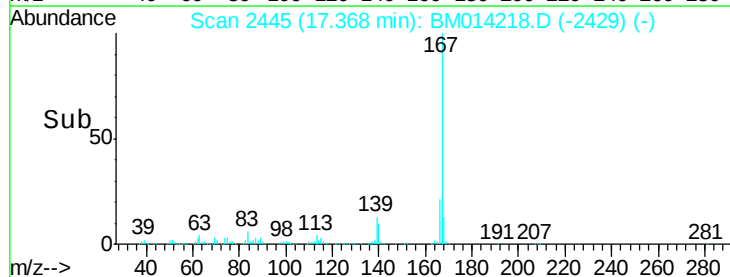
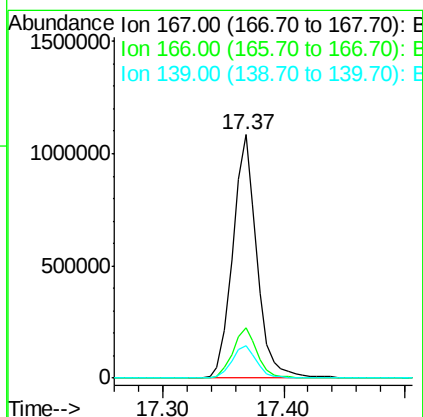
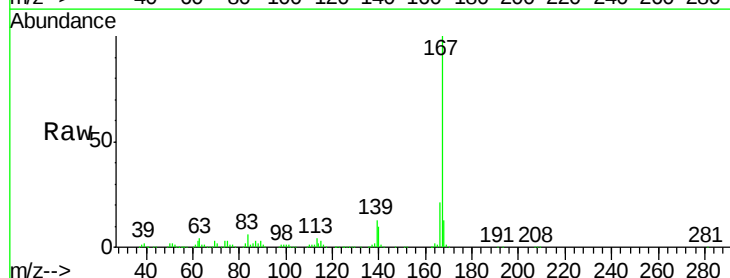
Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.1	12.6	19.0

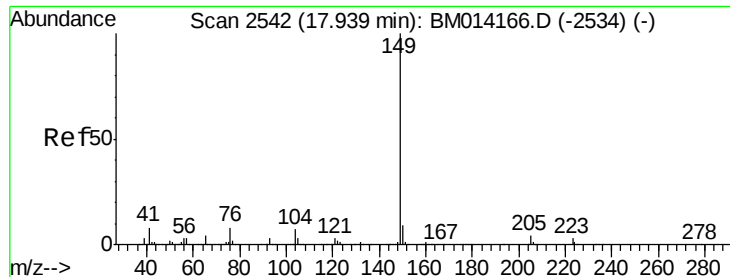


#72
 Carbazole
 Concen: 38.17 ng
 RT: 17.37 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BM014218.D
 Acq: 13 Feb 2018 11:28

Tgt Ion:167 Resp: 1513029

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.2	25.8
139	13.1	10.8	16.2





#73

Di-n-butylphthalate

Concen: 41.13 ng

RT: 17.93 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

Instrument :

BNA_M

ClientSampleId :

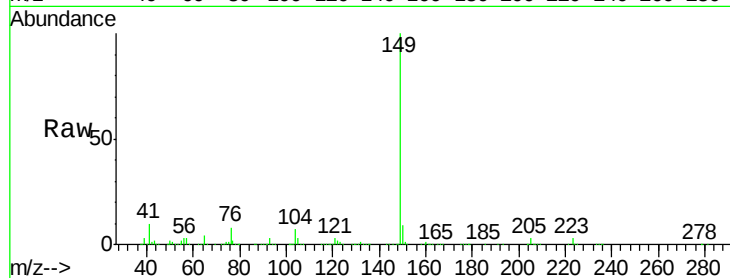
Tot Ion:149 Resp: 2086687

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

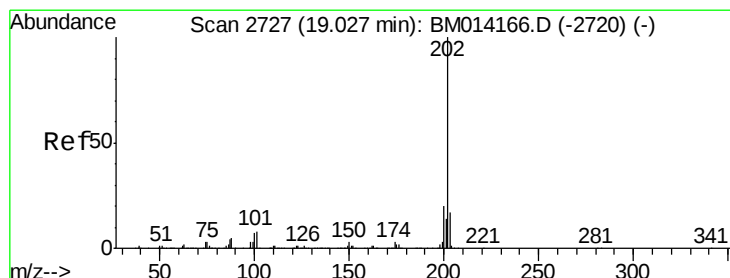
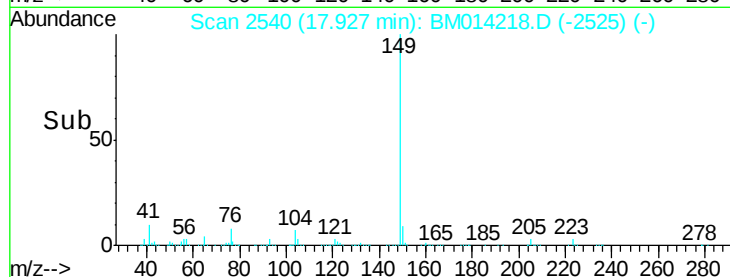
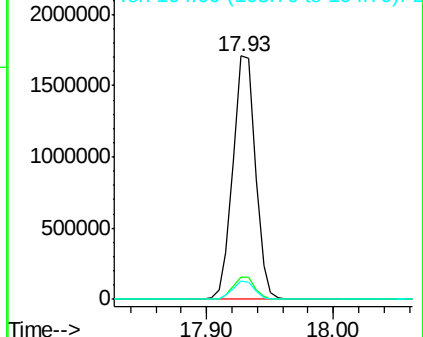
104 7.5 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.24 ng

RT: 19.02 min Scan# 2726

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

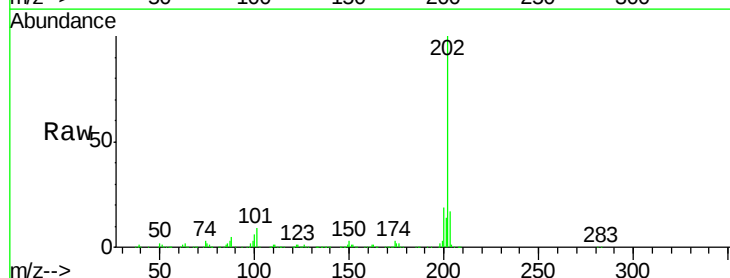
Tgt Ion:202 Resp: 1999512

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.7

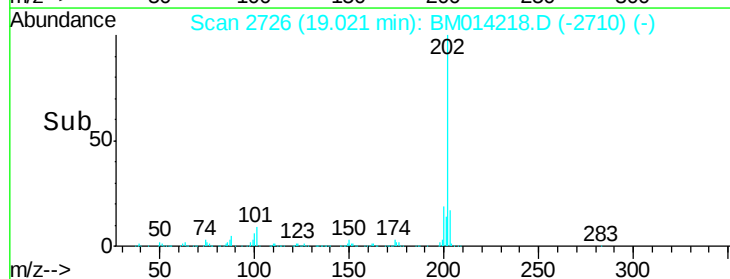
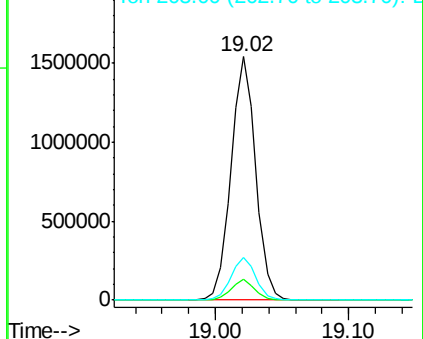
203 17.3 0.0 37.2

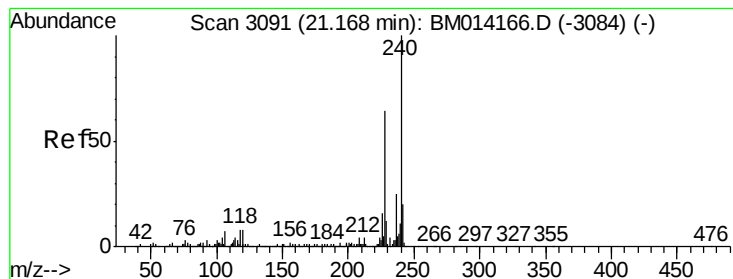


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

Instrument :

BNA_M

ClientSampleId :

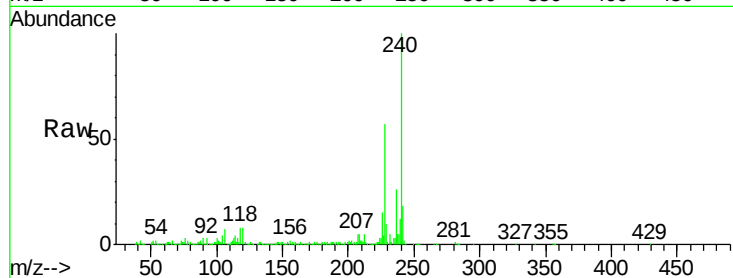
Tot Ion:240 Resp: 780090

Ion Ratio Lower Upper

240 100

120 8.1 8.2 12.2#

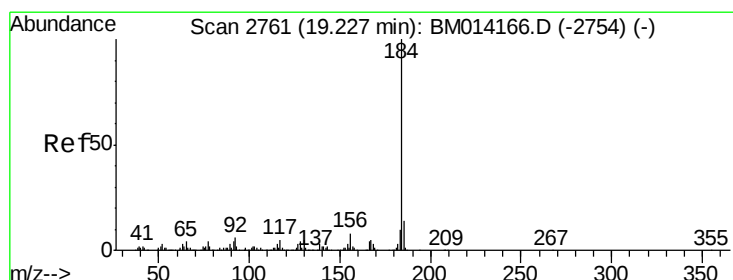
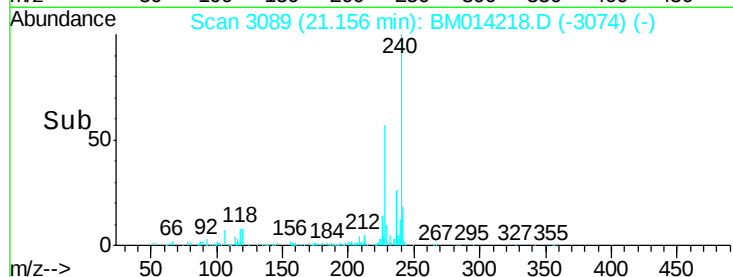
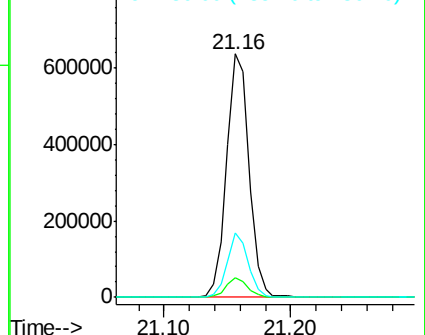
236 26.3 20.0 30.0



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: 37.55 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

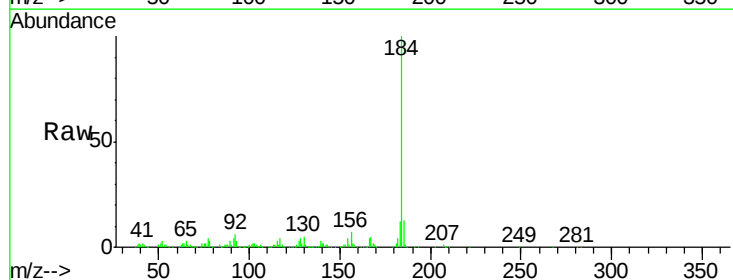
Tgt Ion:184 Resp: 872387

Ion Ratio Lower Upper

184 100

185 13.2 11.3 16.9

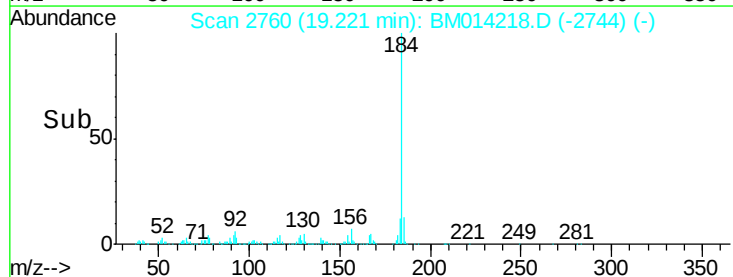
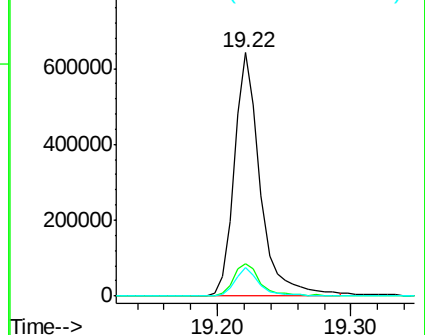
183 11.7 8.9 13.3

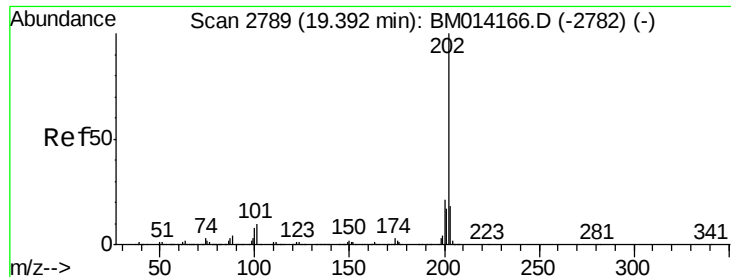


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.50 ng

RT: 19.39 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

Instrument :

BNA_M

ClientSampleId :

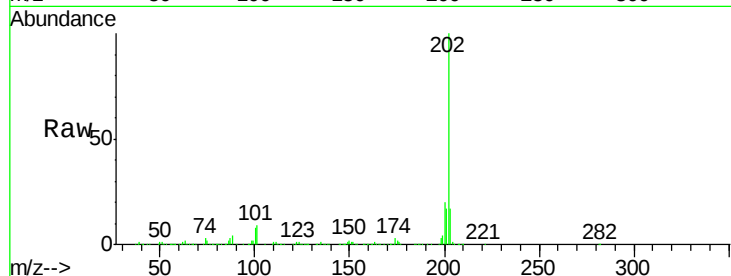
Tot Ion:202 Resp: 2086674

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.9	25.3
203	16.9	14.1	21.1

202 100

200 20.2 16.9 25.3

203 16.9 14.1 21.1

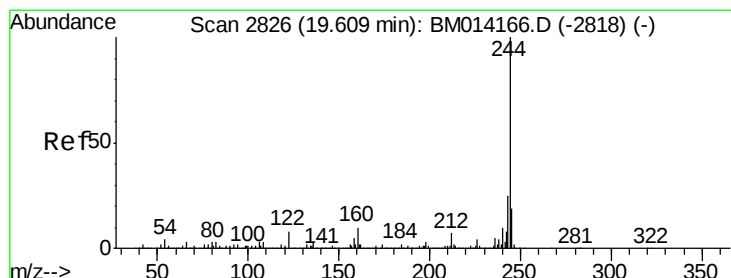
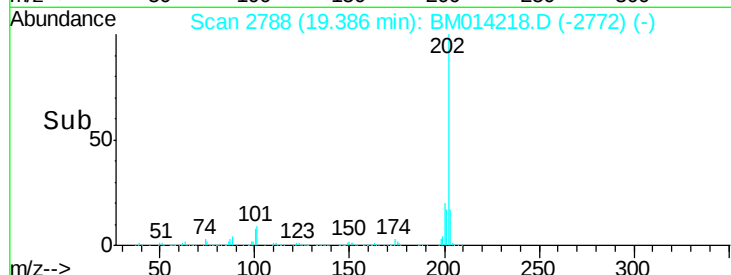
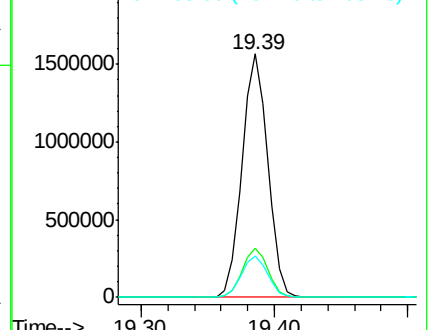


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.79 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

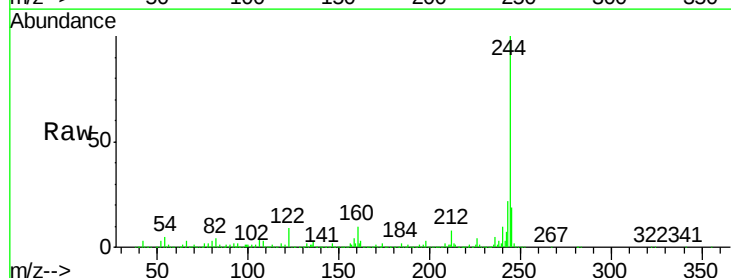
Tgt Ion:244 Resp: 3105654

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	9.1	6.2	9.4

244 100

212 8.0 4.9 7.3#

122 9.1 6.2 9.4

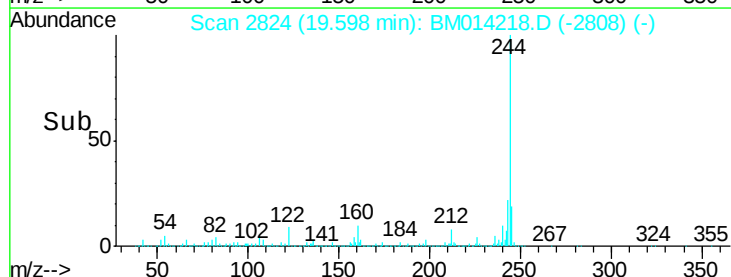
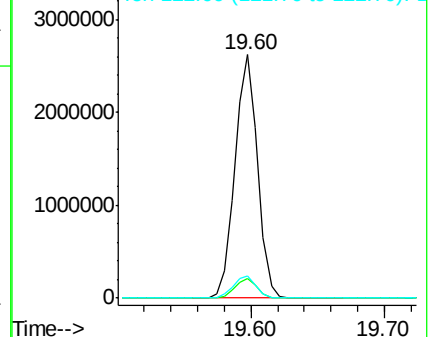


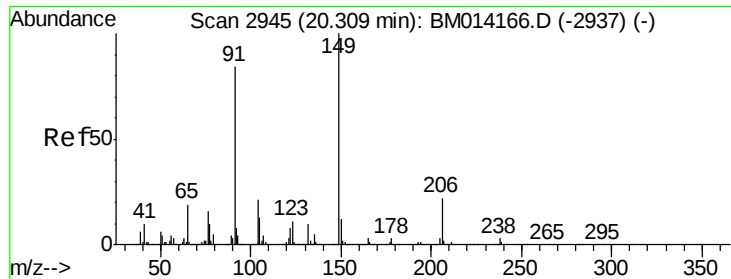
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

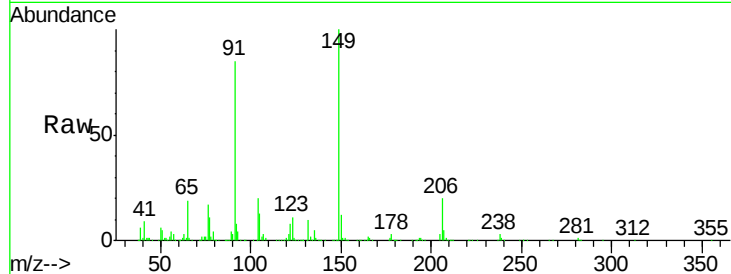




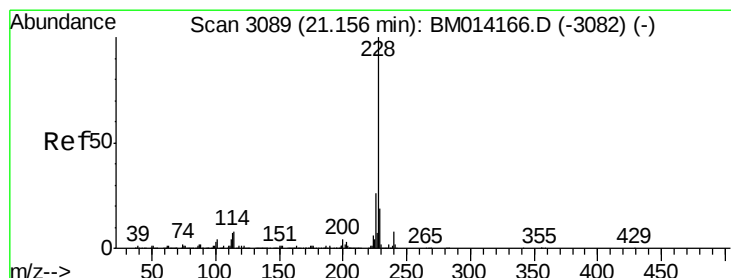
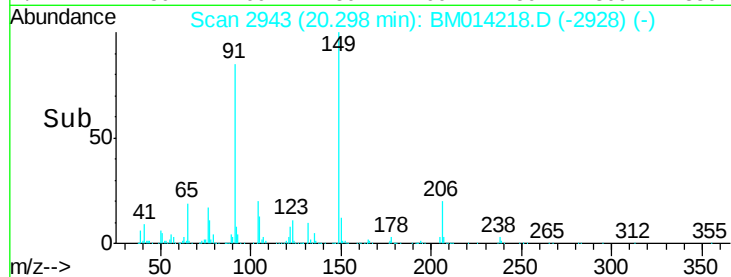
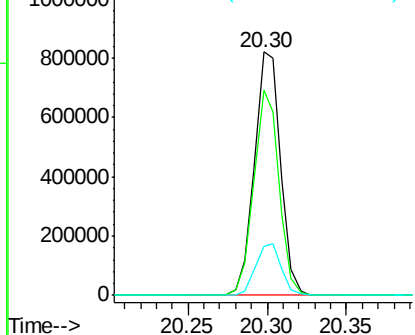
#79
Butylbenzylphthalate
Concen: 38.73 ng
RT: 20.30 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 945280
Ion Ratio Lower Upper
149 100
91 84.5 50.1 75.1#
206 20.0 16.2 24.2

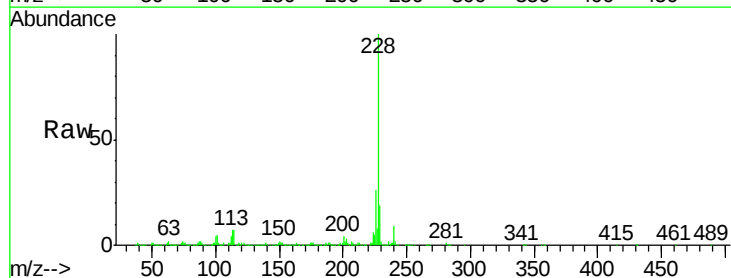


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E

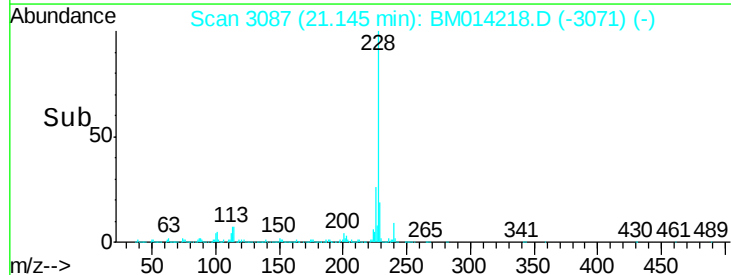
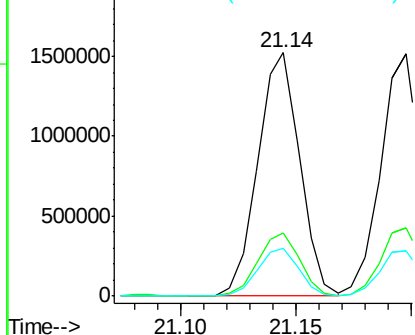


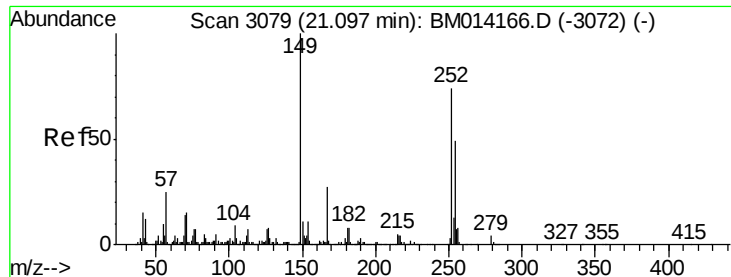
#80
Benzo(a)anthracene
Concen: 37.92 ng
RT: 21.14 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Tgt Ion:228 Resp: 1922064
Ion Ratio Lower Upper
228 100
226 25.9 21.7 32.5
229 19.4 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

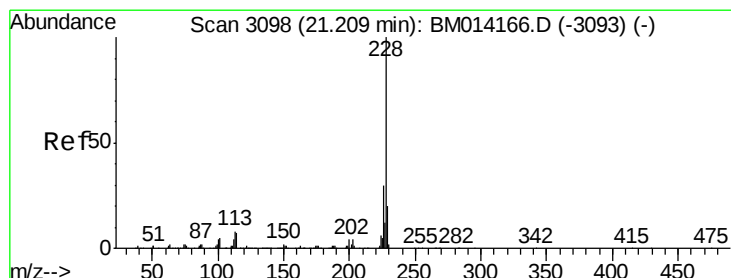
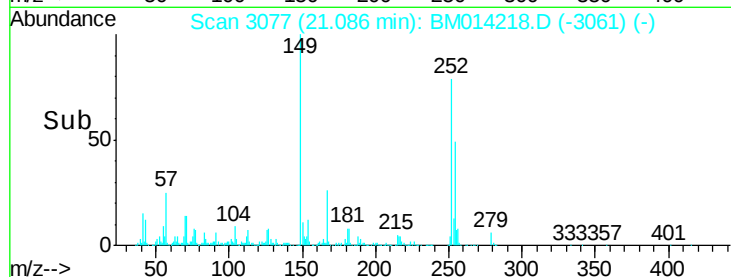
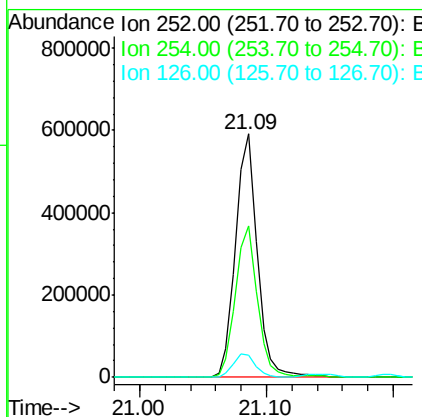
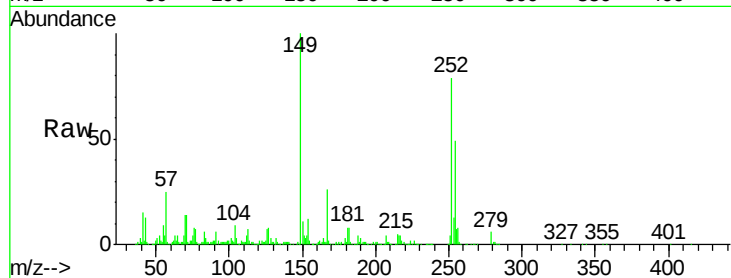




#81
 3,3'-Dichlorobenzidine
 Concen: 37.08 ng
 RT: 21.09 min Scan# 3077
 Delta R.T. -0.01 min
 Lab File: BM014218.D
 Acq: 13 Feb 2018 11:28

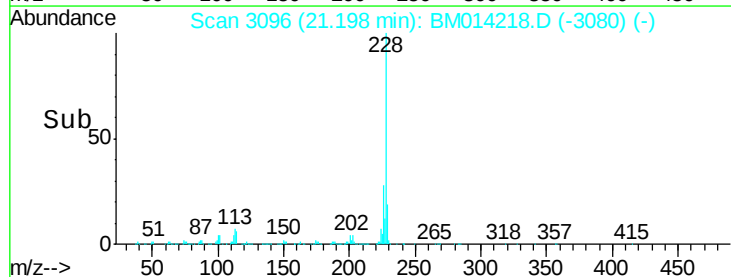
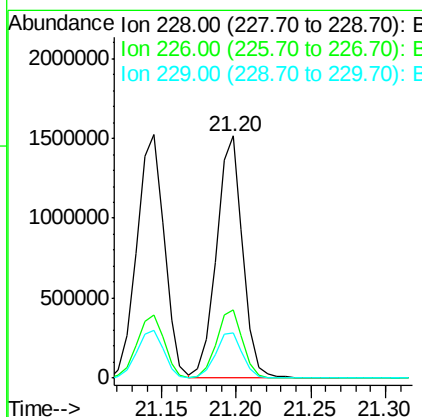
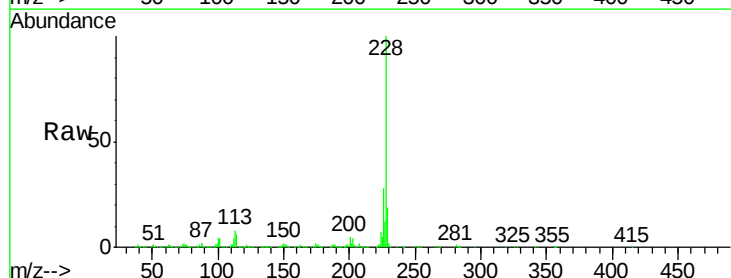
Instrument :
 BNA_M
 ClientSampleId :

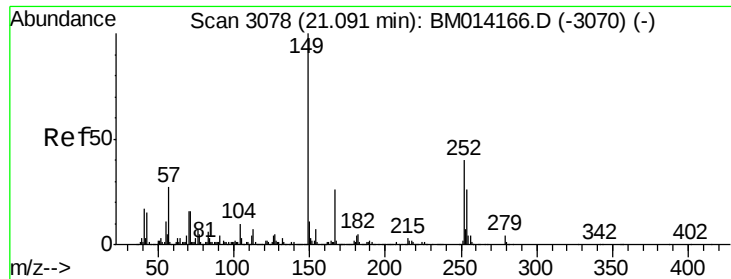
Tot Ion:252 Resp: 702445
 Ion Ratio Lower Upper
 252 100
 254 62.2 51.9 77.9
 126 9.0 9.8 14.8#



#82
 Chrysene
 Concen: 37.78 ng
 RT: 21.20 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM014218.D
 Acq: 13 Feb 2018 11:28

Tgt Ion:228 Resp: 1857558
 Ion Ratio Lower Upper
 228 100
 226 28.2 24.1 36.1
 229 18.8 15.5 23.3

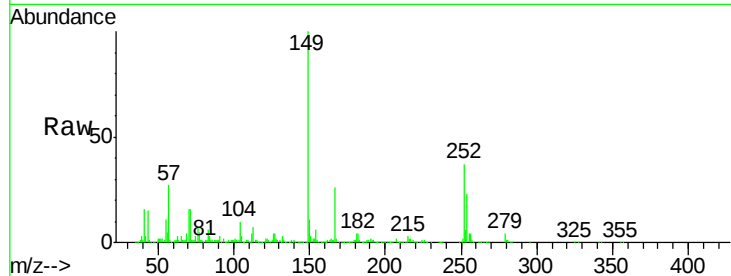




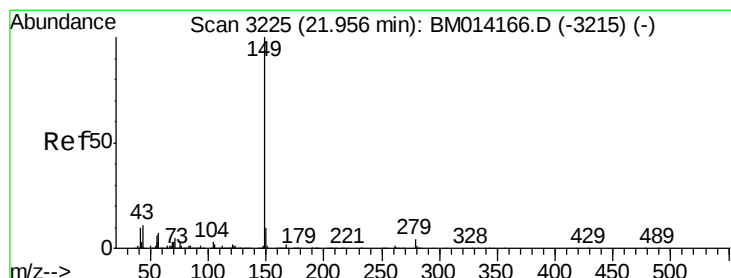
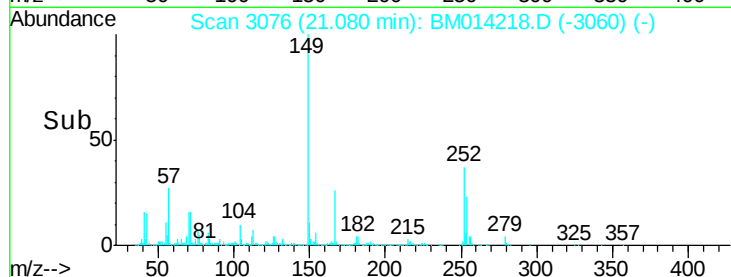
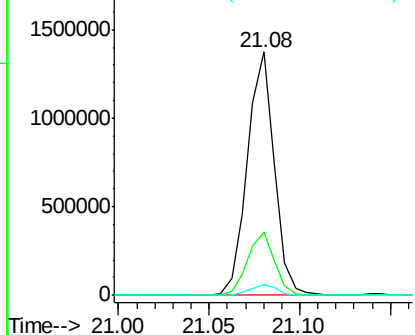
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.87 ng
 RT: 21.08 min Scan# 3076
 Delta R.T. -0.01 min
 Lab File: BM014218.D
 Acq: 13 Feb 2018 11:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:149 Resp: 1419432
 Ion Ratio Lower Upper
 149 100
 167 25.8 22.4 33.6
 279 4.1 3.4 5.0

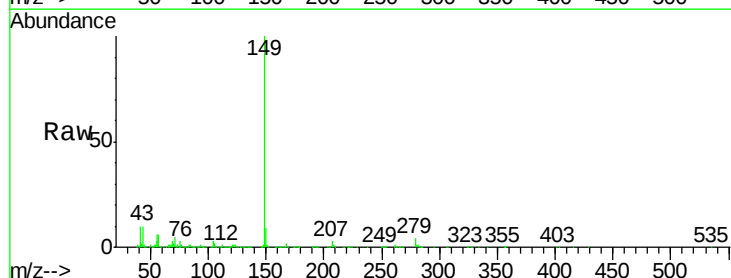


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

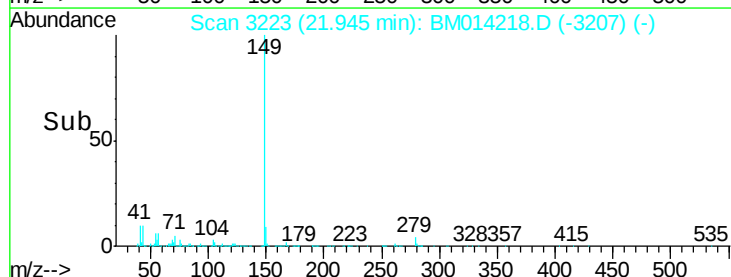
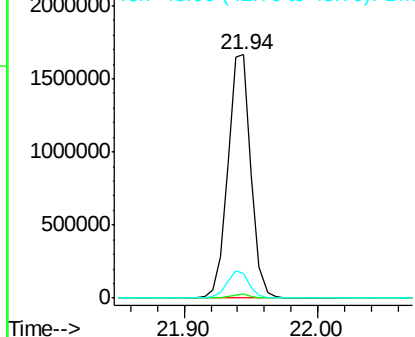


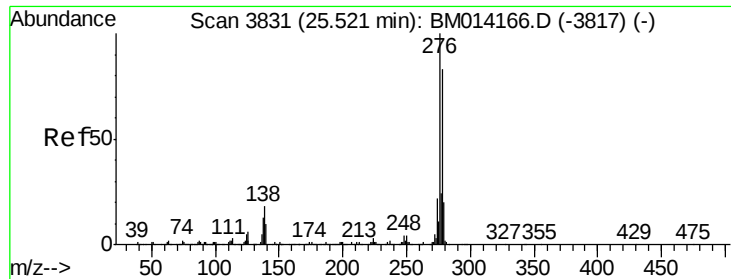
#84
 Di-n-octyl phthalate
 Concen: 40.81 ng
 RT: 21.94 min Scan# 3223
 Delta R.T. -0.01 min
 Lab File: BM014218.D
 Acq: 13 Feb 2018 11:28

Tgt Ion:149 Resp: 2011418
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.0 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

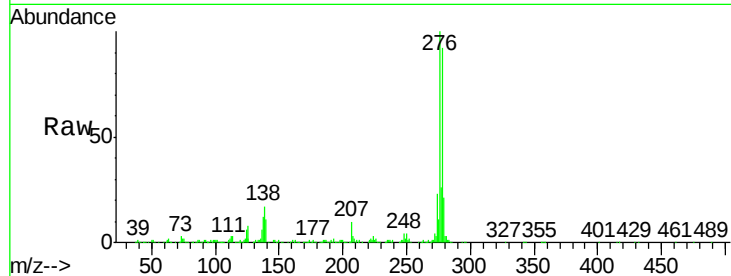




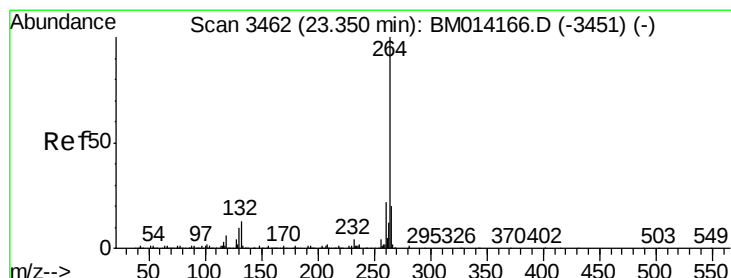
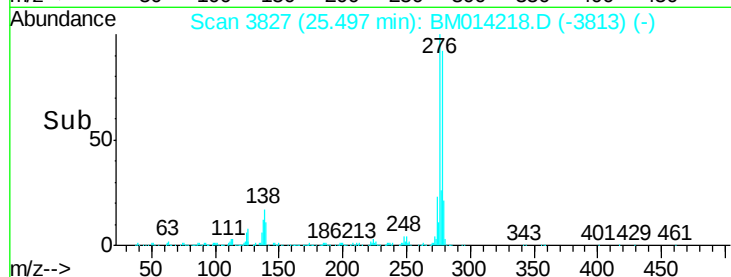
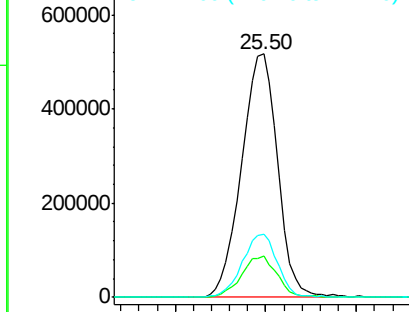
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.96 ng
RT: 25.50 min Scan# 3827
Delta R.T. -0.02 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:276 Resp: 1428854
Ion Ratio Lower Upper
276 100
138 16.8 12.0 18.0
277 25.5 20.0 30.0

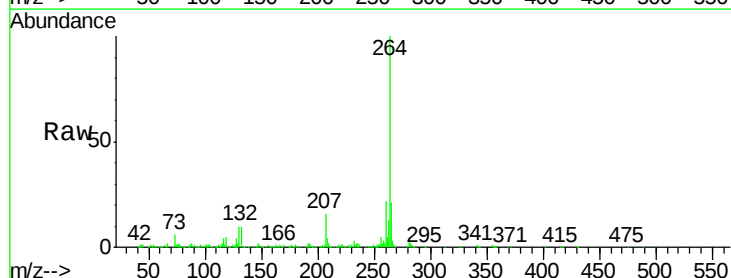


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

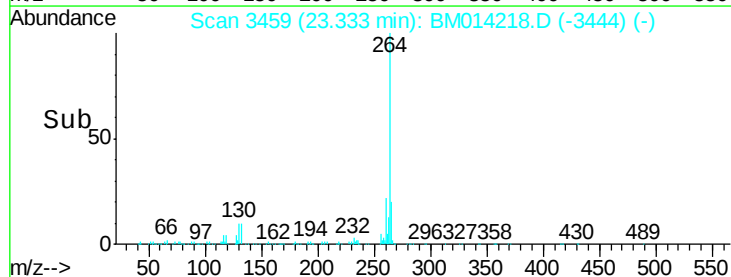
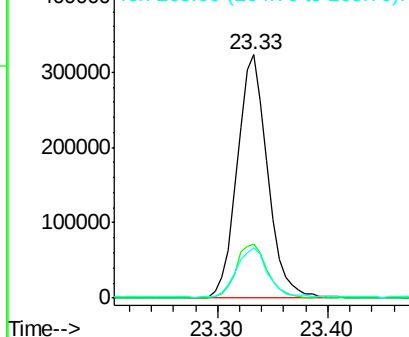


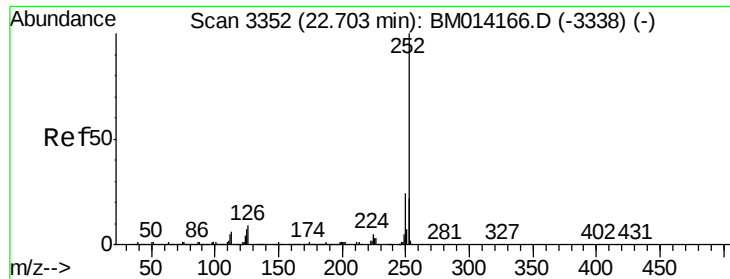
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.33 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Tgt Ion:264 Resp: 626069
Ion Ratio Lower Upper
264 100
260 22.4 18.6 27.8
265 20.6 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

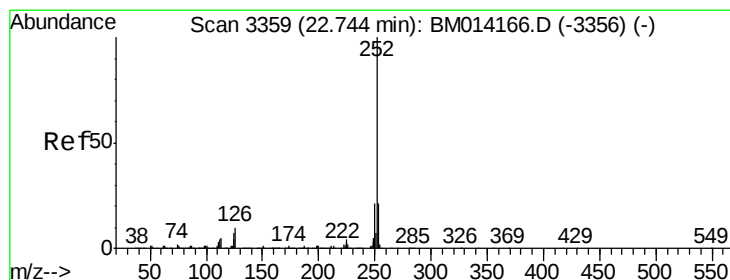
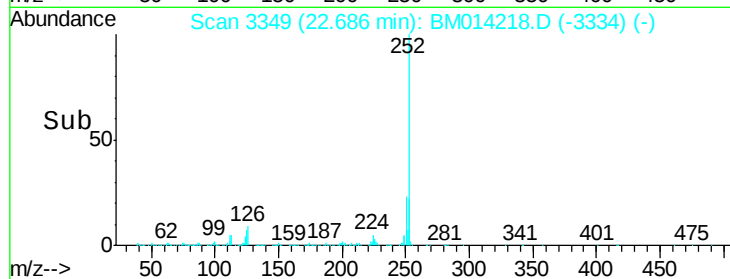
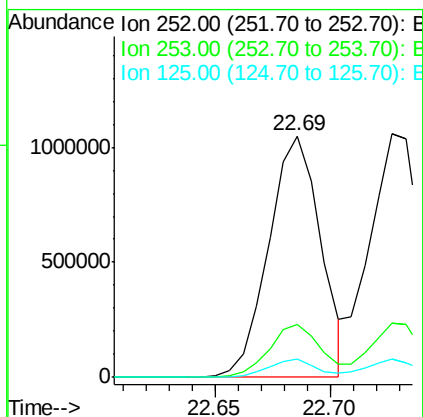
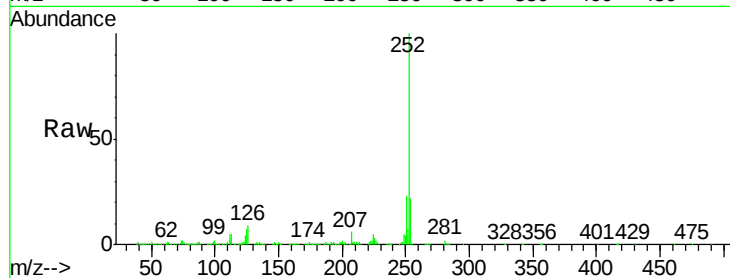




#87
Benzo(b)fluoranthene
Concen: 37.68 ng
RT: 22.69 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

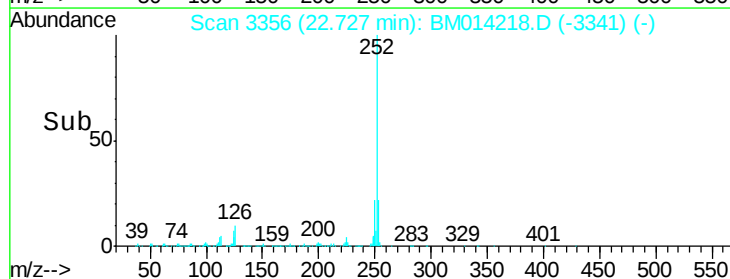
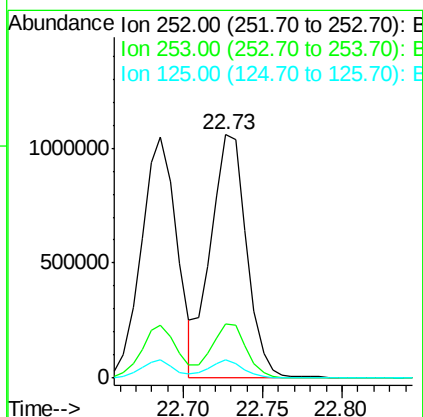
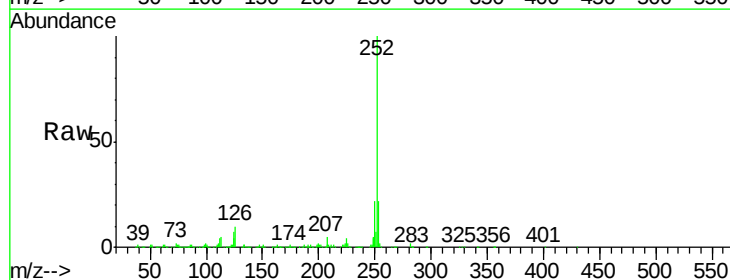
Instrument :
BNA_M
ClientSampleId :

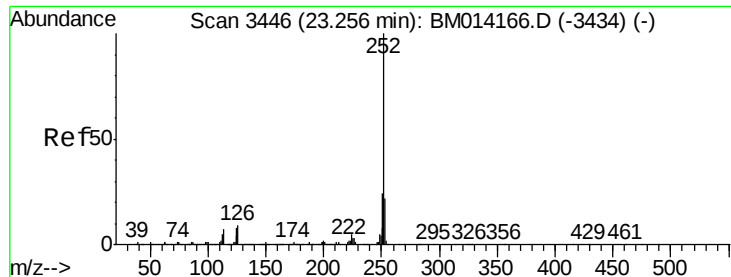
Tot Ion:252 Resp: 1636795
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 7.4 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 40.43 ng
RT: 22.73 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Tgt Ion:252 Resp: 1669545
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 7.5 8.1 12.1#

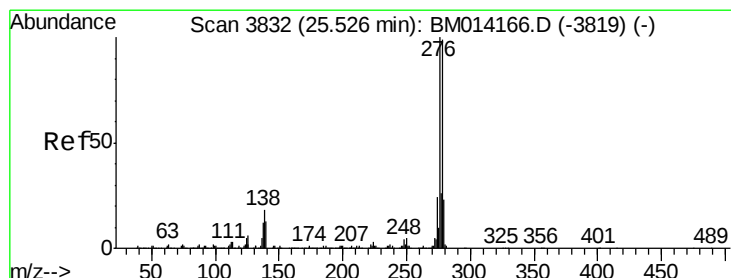
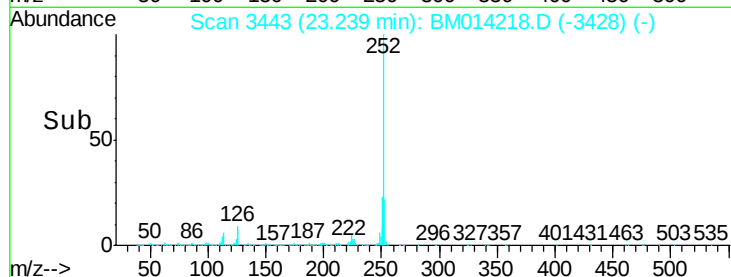
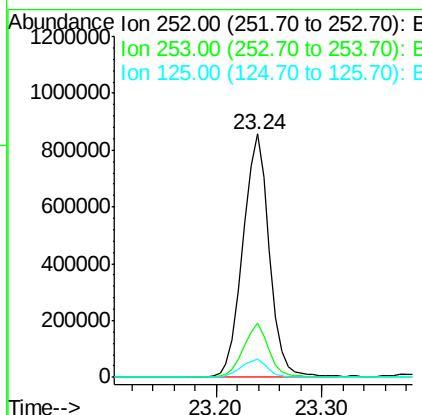
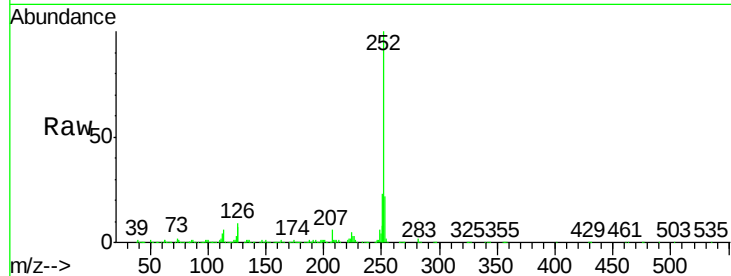




#89
Benzo(a)pyrene
Concen: 38.96 ng
RT: 23.24 min Scan# 3443
Delta R.T. -0.01 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

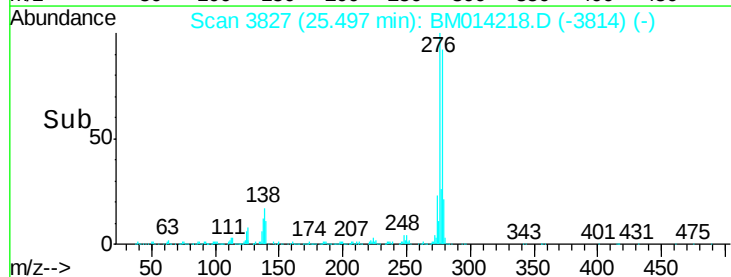
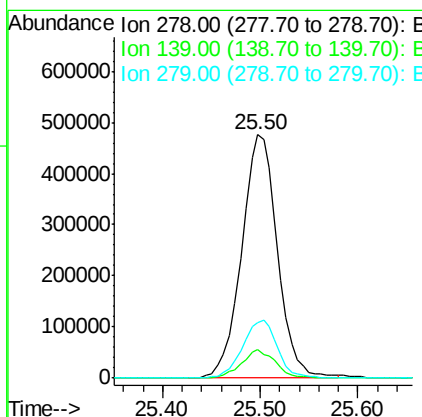
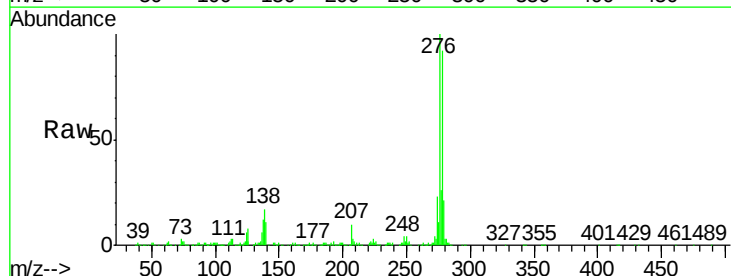
Instrument :
BNA_M
ClientSampleId :

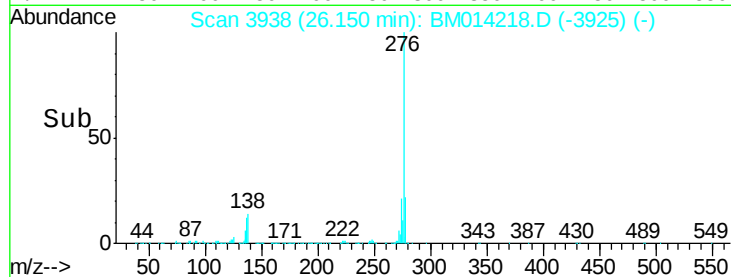
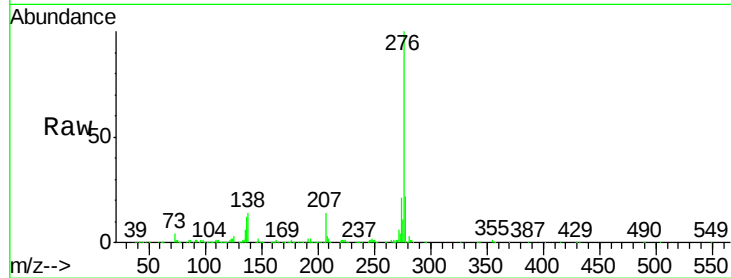
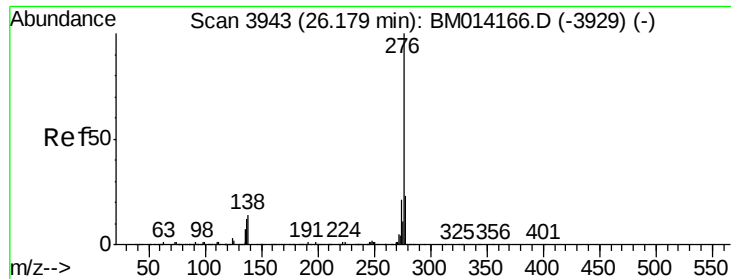
Tot Ion:252 Resp: 1491371
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 7.4 7.4 11.2#



#90
Dibenzo(a,h)anthracene
Concen: 38.89 ng
RT: 25.50 min Scan# 3827
Delta R.T. -0.02 min
Lab File: BM014218.D
Acq: 13 Feb 2018 11:28

Tgt Ion:278 Resp: 1216672
Ion Ratio Lower Upper
278 100
139 11.9 13.4 20.0#
279 23.0 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 39.13 ng

RT: 26.15 min Scan# 3938

Delta R.T. -0.02 min

Lab File: BM014218.D

Acq: 13 Feb 2018 11:28

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 1144530

Ion Ratio Lower Upper

276 100

277 22.3 18.5 27.7

138 13.9 19.0 28.6#

