

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
 Data File : BM015922.D
 Acq On : 12 Jul 2018 19:30
 Operator : SJ/JU
 Sample : PB111042BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 12 23:06:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	79643	20.00	ng	-0.03
21) Naphthalene-d8	11.12	136	319266	20.00	ng	-0.03
38) Acenaphthene-d10	14.91	164	170132	20.00	ng	-0.02
63) Phenanthrene-d10	17.63	188	329048	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	294268	20.00	ng	-0.02
86) Perylene-d12	24.14	264	288246	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.79	112	471550	101.54	ng	-0.02
7) Phenol-d6	7.44	99	603667	94.95	ng	-0.02
23) Nitrobenzene-d5	9.47	82	668802	102.21	ng	-0.03
41) 2,4,6-Tribromophenol	16.39	330	194508	87.50	ng	-0.02
44) 2-Fluorobiphenyl	13.53	172	1373314	100.21	ng	-0.03
78) Terphenyl-d14	20.20	244	1608982	101.42	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	71161	37.051	ng	# 100
3) Pyridine	3.99	79	184488	36.401	ng	# 77
4) n-Nitrosodimethylamine	3.90	42	172831	43.795	ng	# 40
6) Aniline	7.61	93	239587	31.083	ng	91
8) 2-Chlorophenol	7.85	128	253422	45.468	ng	95
9) Benzaldehyde	7.42	77	144208	35.988	ng	91
10) Phenol	7.47	94	287635	45.026	ng	95
11) bis(2-Chloroethyl)ether	7.70	93	210312	40.471	ng	89
12) 1,3-Dichlorobenzene	8.17	146	262429	42.467	ng	# 91
13) 1,4-Dichlorobenzene	8.32	146	268514	42.019	ng	# 94
14) 1,2-Dichlorobenzene	8.64	146	260488	42.149	ng	# 94
15) Benzyl Alcohol	8.54	79	224607	40.693	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.81	45	334883	59.006	ng	98
17) 2-Methylphenol	8.73	107	200925	45.398	ng	# 84
18) Hexachloroethane	9.37	117	113863	45.062	ng	98
19) n-Nitroso-di-n-propylamine	9.10	70	194800	38.125	ng	# 77
20) 3+4-Methylphenols	9.07	107	261849	42.593	ng	89
22) Acetophenone	9.13	105	363596	43.717	ng	# 84
24) Nitrobenzene	9.52	77	305108	47.901	ng	98
25) Isophorone	10.04	82	491401	49.202	ng	# 94
26) 2-Nitrophenol	10.23	139	126386	46.080	ng	# 59
27) 2,4-Dimethylphenol	10.27	122	219129	52.590	ng	# 83
28) bis(2-Chloroethoxy)methane	10.51	93	292360	44.931	ng	99
29) 2,4-Dichlorophenol	10.76	162	228046	49.416	ng	96
30) 1,2,4-Trichlorobenzene	10.97	180	238640	44.522	ng	95
31) Naphthalene	11.16	128	733189	44.294	ng	100
32) Benzoic acid	10.45	122	128013	34.701	ng	# 85
33) 4-Chloroaniline	11.28	127	140916	20.881	ng	# 87
34) Hexachlorobutadiene	11.42	225	161473	45.140	ng	99
35) Caprolactam	12.09	113	57987	37.889	ng	# 80
36) 4-Chloro-3-methylphenol	12.39	107	238555	45.052	ng	88
37) 2-Methylnaphthalene	12.76	142	546649	46.425	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	259796	47.578	ng	# 100
40) Hexachlorocyclopentadiene	13.07	237	278145	105.647	ng	98

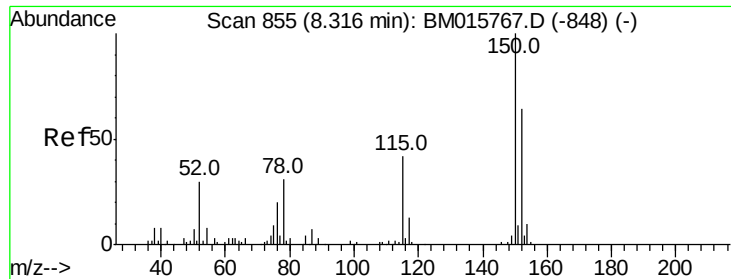
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	165681	48.000	ng	97
43) 2,4,5-Trichlorophenol	13.43	196	166735	44.718	ng #	83
45) 1,1'-Biphenyl	13.74	154	677583	46.064	ng	97
46) 2-Chloronaphthalene	13.80	162	521959	47.460	ng #	92
47) 2-Nitroaniline	14.01	65	168167	43.847	ng #	78
48) Acenaphthylene	14.64	152	833943	46.612	ng	99
49) Dimethylphthalate	14.36	163	636503	42.421	ng	99
50) 2,6-Dinitrotoluene	14.50	165	132883	45.422	ng #	68
51) Acenaphthene	14.97	154	478634	42.993	ng	98
52) 3-Nitroaniline	14.83	138	90922	28.394	ng #	78
53) 2,4-Dinitrophenol	15.04	184	110422	75.825	ng #	79
54) Dibenzofuran	15.30	168	766875	44.703	ng #	85
55) 4-Nitrophenol	15.13	139	188999	79.974	ng #	74
56) 2,4-Dinitrotoluene	15.29	165	180645	42.770	ng	99
57) Fluorene	15.95	166	601669	42.531	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.53	232	141520	44.979	ng #	100
59) Diethylphthalate	15.70	149	664364	41.318	ng	96
60) 4-Chlorophenyl-phenylether	15.93	204	299702	41.172	ng #	83
61) 4-Nitroaniline	15.99	138	116260	34.998	ng #	29
62) Azobenzene	16.22	77	726048	48.171	ng	78
64) 4,6-Dinitro-2-methylphenol	16.04	198	77948	38.967	ng	87
65) n-Nitrosodiphenylamine	16.15	169	506767	44.946	ng	97
66) 4-Bromophenyl-phenylether	16.82	248	170807	46.492	ng #	79
67) Hexachlorobenzene	16.94	284	190400	46.378	ng #	70
68) Atrazine	17.08	200	173369	46.748	ng	97
69) Pentachlorophenol	17.29	266	190742	75.086	ng	99
70) Phenanthrene	17.68	178	856875	45.518	ng	99
71) Anthracene	17.77	178	870639	47.094	ng	98
72) Carbazole	18.04	167	751293	43.610	ng	98
73) Di-n-butylphthalate	18.56	149	1012644	43.611	ng #	97
74) Fluoranthene	19.66	202	892745	41.251	ng	99
76) Benzidine	19.84	184	455864	52.874	ng	99
77) Pyrene	20.02	202	899034	49.046	ng	99
79) Butylbenzylphthalate	20.86	149	430828	48.622	ng #	81
80) Benzo(a)anthracene	21.73	228	852040	45.668	ng	99
81) 3,3'-Dichlorobenzidine	21.65	252	223393	33.325	ng	99
82) Chrysene	21.78	228	790402	45.477	ng	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	605069	46.216	ng	94
84) Di-n-octyl phthalate	22.53	149	997470	46.725	ng #	89
85) Indeno(1,2,3-cd)pyrene	26.60	276	972638	60.234	ng #	93
87) Benzo(b)fluoranthene	23.41	252	833754	43.324	ng #	96
88) Benzo(k)fluoranthene	23.46	252	800685	42.830	ng	99
89) Benzo(a)pyrene	24.03	252	793555	46.844	ng	99
90) Dibenzo(a,h)anthracene	26.60	278	834224	54.733	ng	97
91) Benzo(g,h,i)perylene	27.36	276	778429	58.126	ng #	94

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

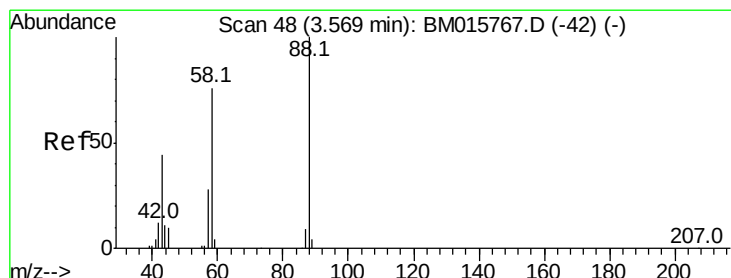
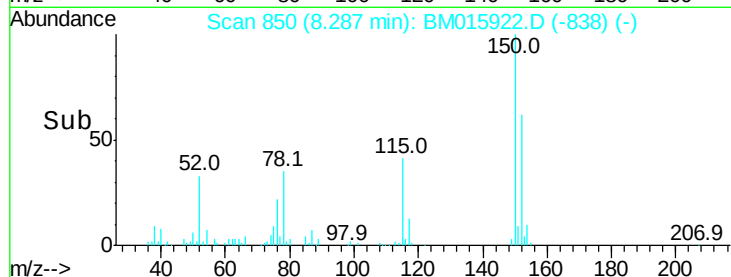
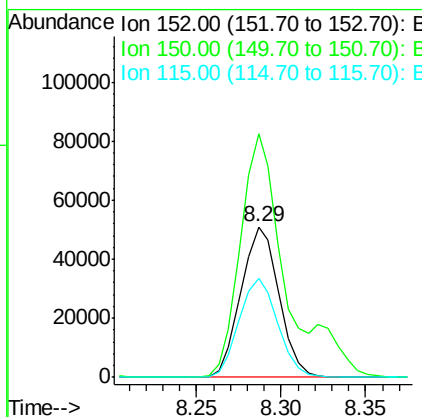
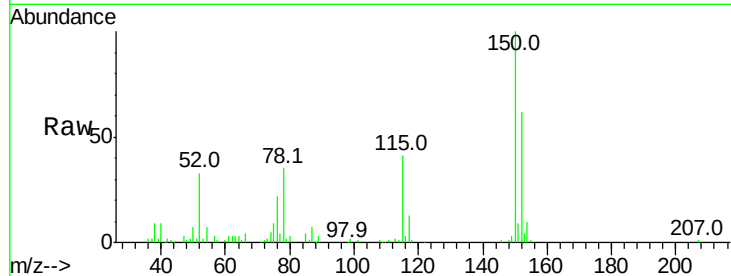


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 850
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampleId :

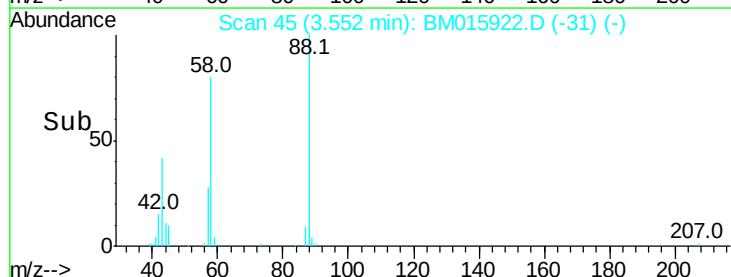
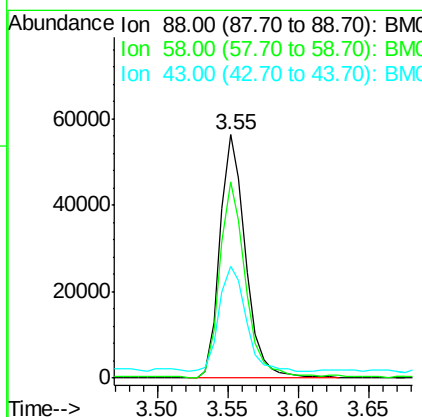
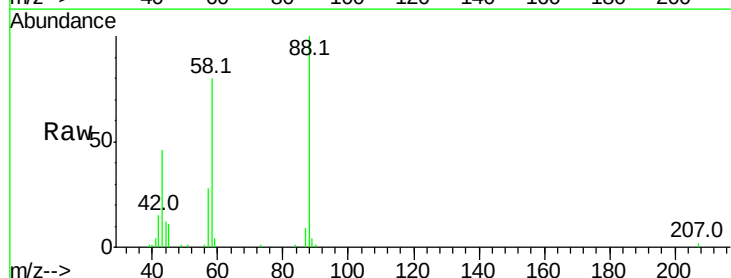
Tot Ion:152 Resp: 79643
Ion Ratio Lower Upper
152 100
150 161.5 119.5 179.3
115 65.9 43.0 64.4#

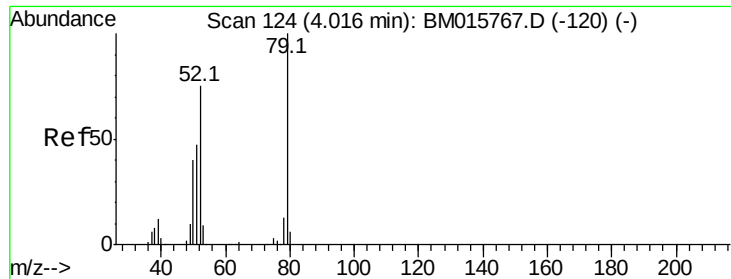


#2

1,4-Dioxane
Concen: 37.051 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion: 88 Resp: 71161
Ion Ratio Lower Upper
88 100
58 82.2 0.0 0.0#
43 44.2 0.0 0.0#





#3

Pvridine

Concen: 36.401 ng

RT: 3.99 min Scan# 120

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

ClientSampleId :

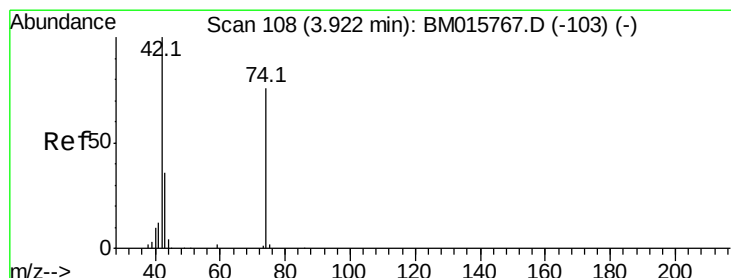
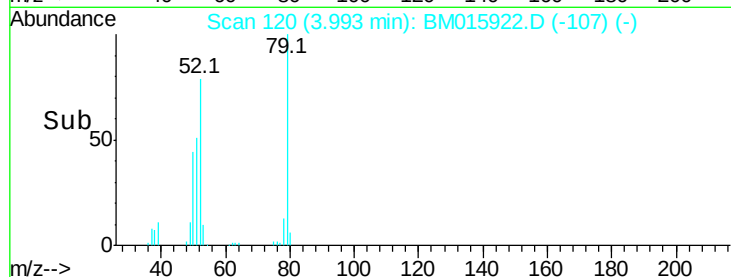
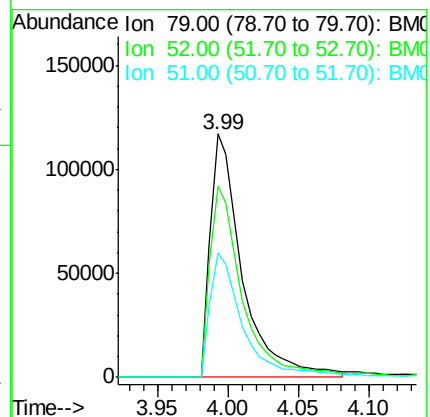
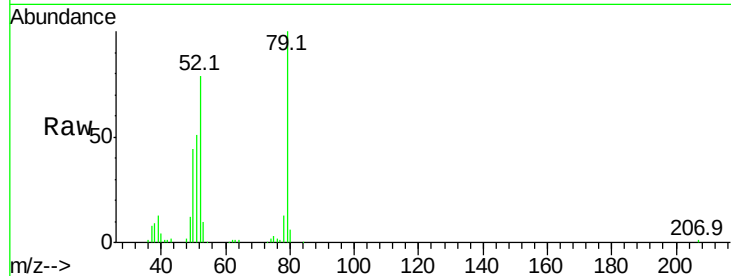
Tot Ion: 79 Resp: 184488

Ion Ratio Lower Upper

79 100

52 78.5 51.1 76.7#

51 51.0 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 43.795 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

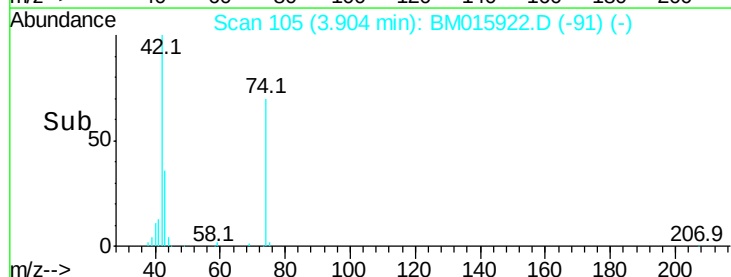
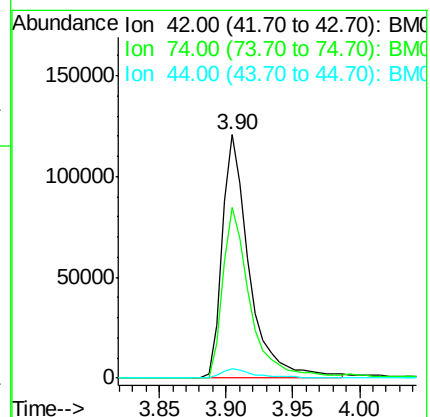
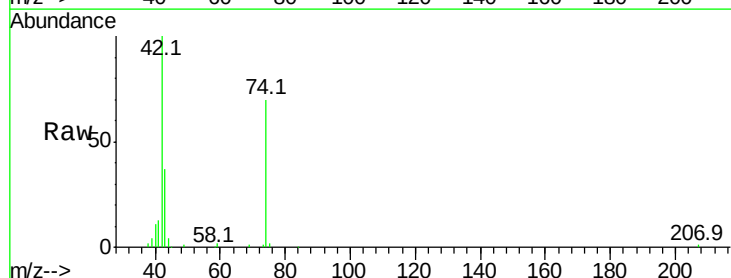
Tgt Ion: 42 Resp: 172831

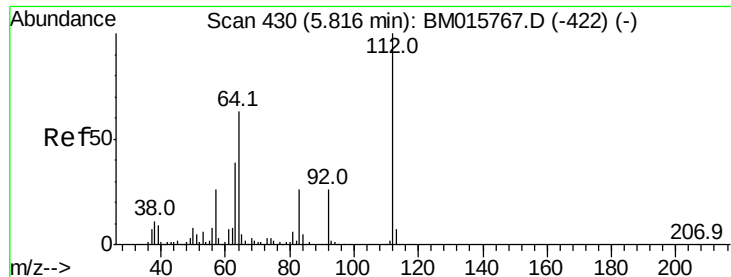
Ion Ratio Lower Upper

42 100

74 70.3 119.3 178.9#

44 4.0 5.4 8.2#





#5

2-Fluorophenol

Concen: 43.795 ng

RT: 5.79 min Scan# 426

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

ClientSampleId :

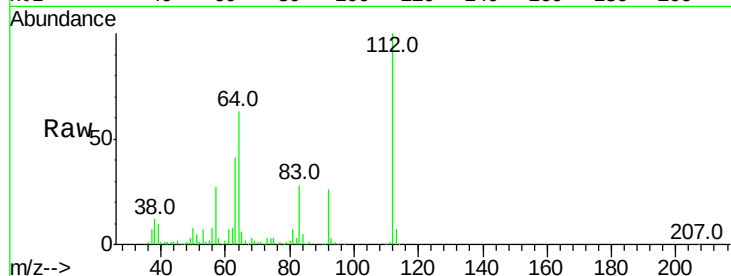
Tot Ion:112 Resp: 471550

Ion Ratio Lower Upper

112 100

64 62.9 38.6 57.8#

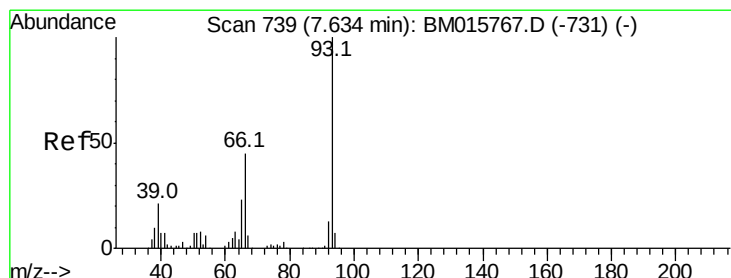
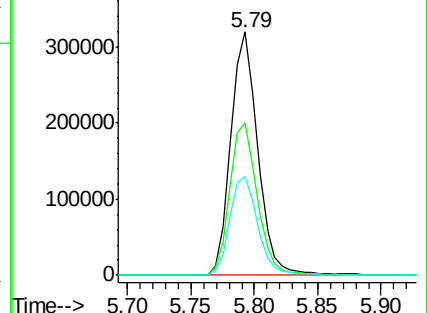
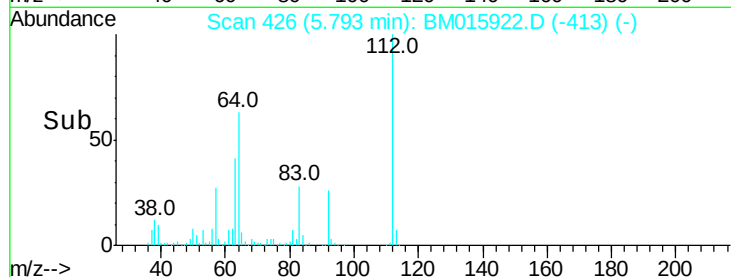
63 40.5 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 31.083 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

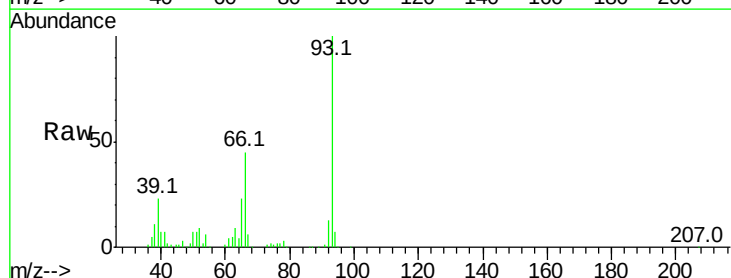
Tgt Ion: 93 Resp: 239587

Ion Ratio Lower Upper

93 100

66 44.7 30.8 46.2

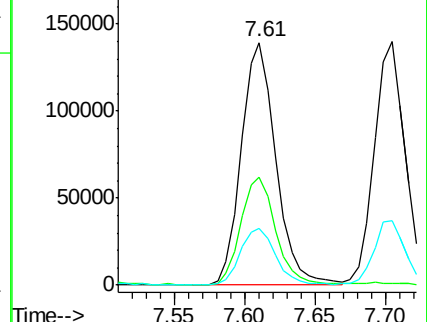
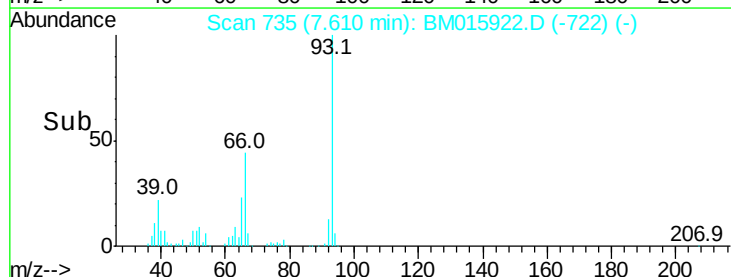
65 23.2 16.0 24.0

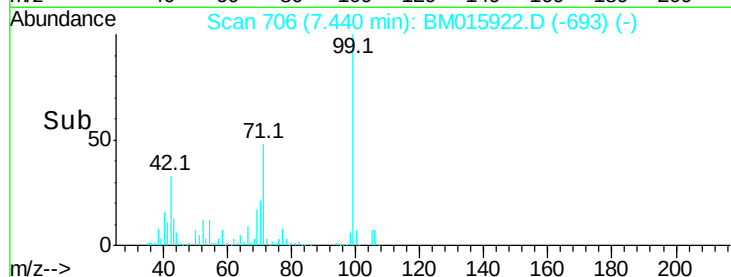
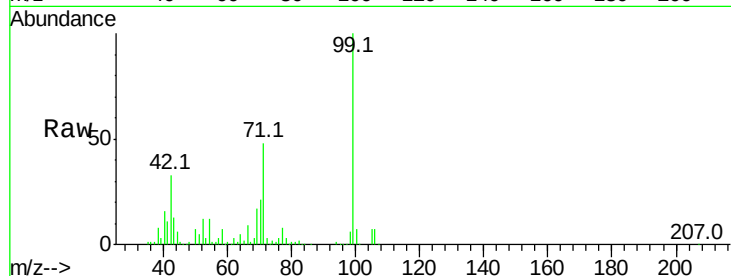
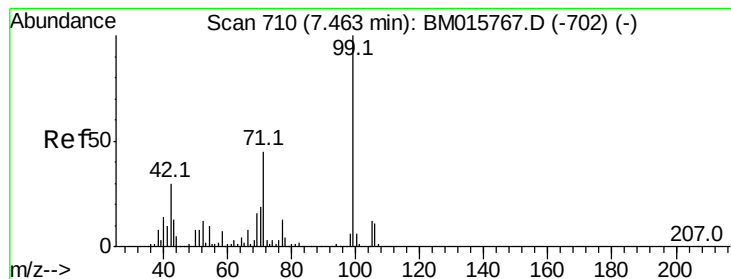


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 31.083 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

ClientSampleId :

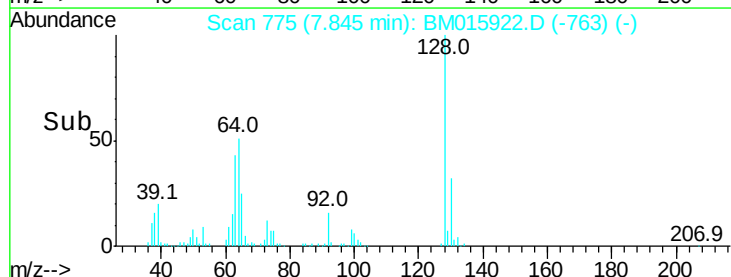
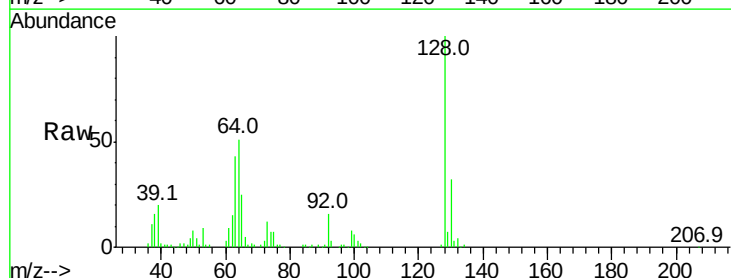
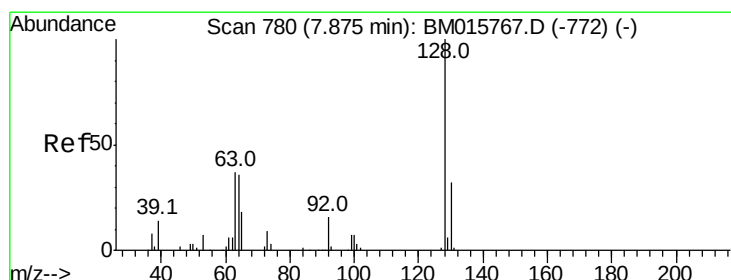
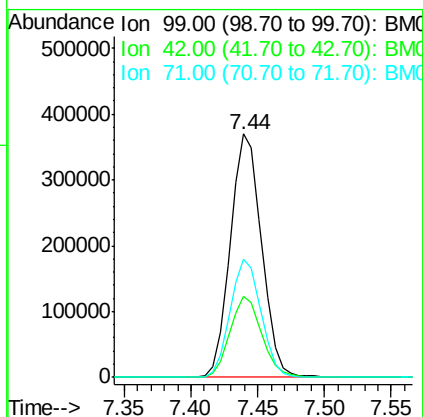
Tot Ion: 99 Resp: 603667

Ion Ratio Lower Upper

99 100

42 33.1 11.0 16.4#

71 48.3 23.4 35.2#



#8

2-Chlorophenol

Concen: 45.468 ng

RT: 7.85 min Scan# 775

Delta R.T. -0.03 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

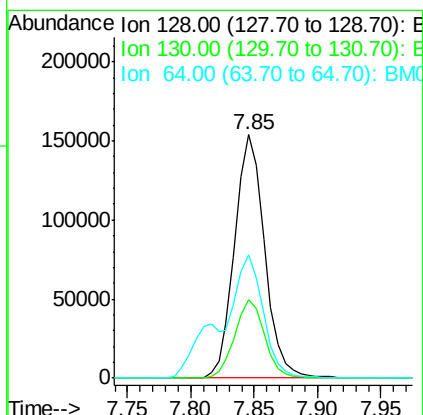
Tgt Ion: 128 Resp: 253422

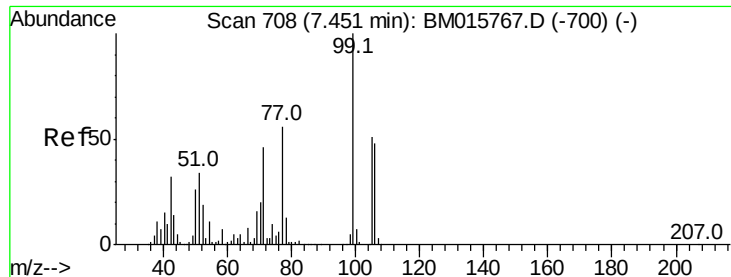
Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

64 50.5 24.9 64.9





#9

Benzaldehyde

Concen: 35.988 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.03 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

ClientSampled :

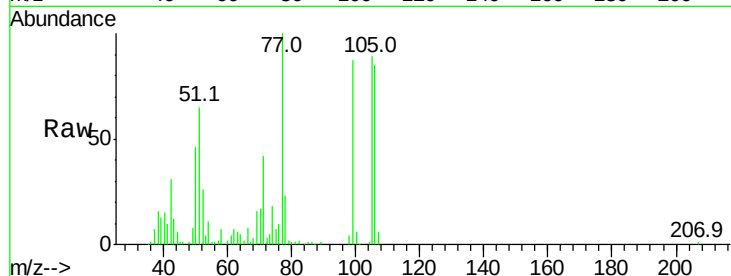
Tot Ion: 77 Resp: 144208

Ion Ratio Lower Upper

77 100

105 89.2 78.8 118.8

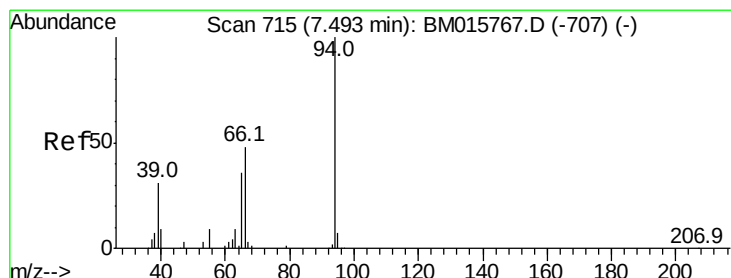
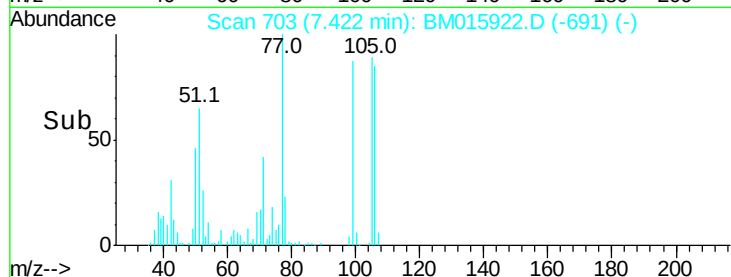
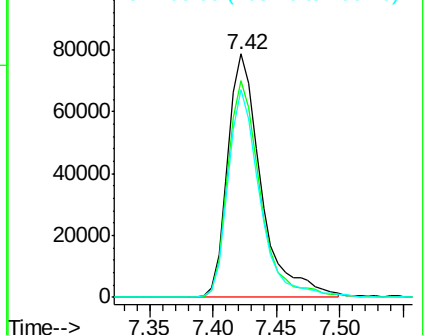
106 85.4 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM015922.D (-691) (-)

Ion 105.00 (104.70 to 105.70): BM015922.D (-691) (-)

Ion 106.00 (105.70 to 106.70): BM015922.D (-691) (-)



#10

Phenol

Concen: 45.026 ng

RT: 7.47 min Scan# 711

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

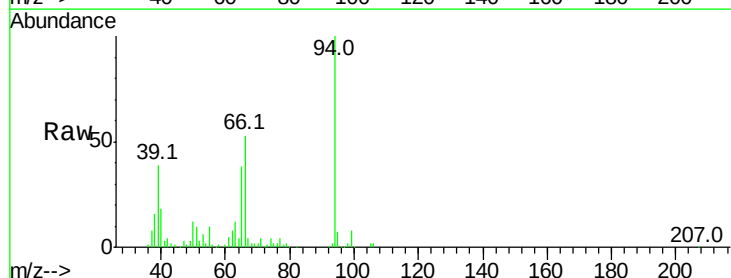
Tgt Ion: 94 Resp: 287635

Ion Ratio Lower Upper

94 100

65 38.4 18.8 58.8

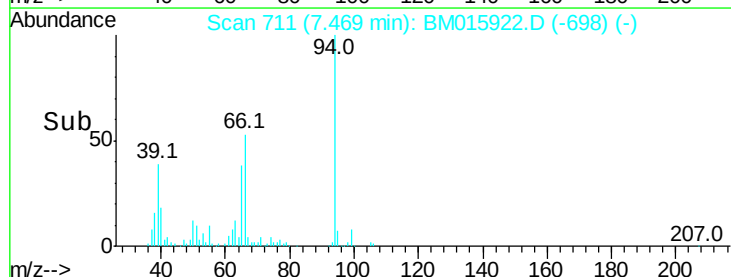
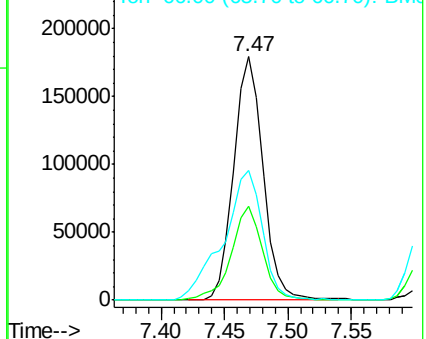
66 53.5 39.9 79.9

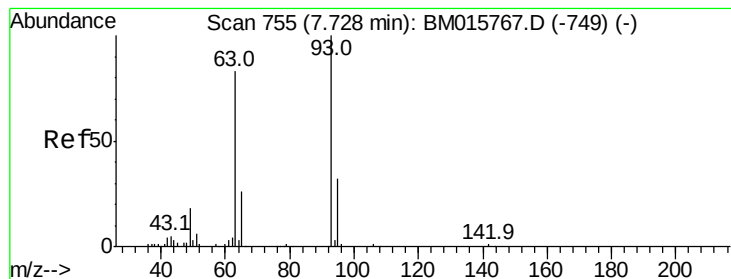


Abundance Ion 94.00 (93.70 to 94.70): BM015922.D (-698) (-)

Ion 65.00 (64.70 to 65.70): BM015922.D (-698) (-)

Ion 66.00 (65.70 to 66.70): BM015922.D (-698) (-)

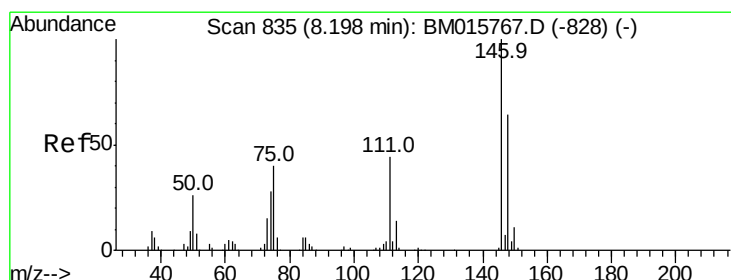
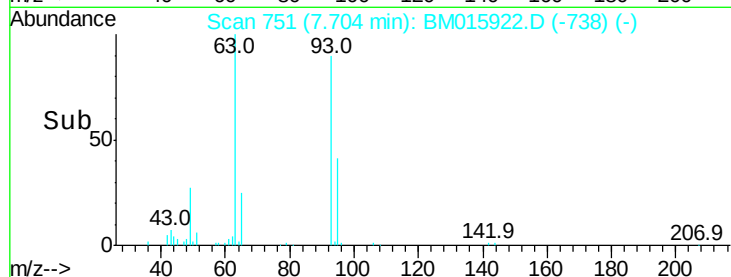
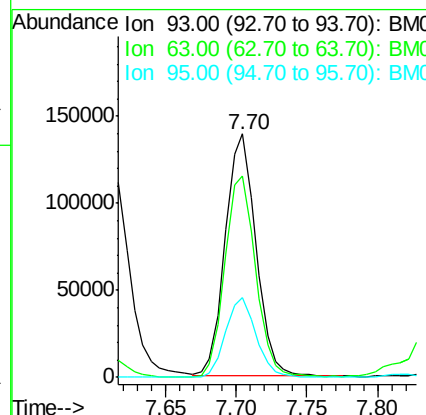
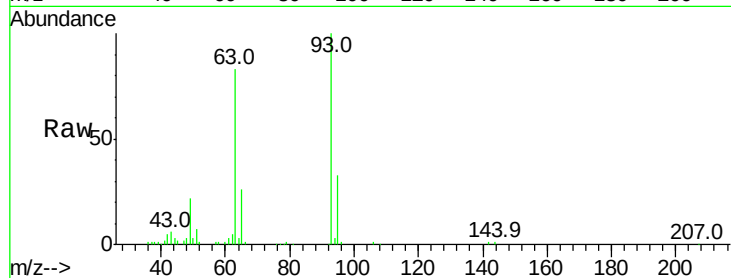




#11
bis(2-Chloroethyl)ether
Concen: 40.471 ng
RT: 7.70 min Scan# 751
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

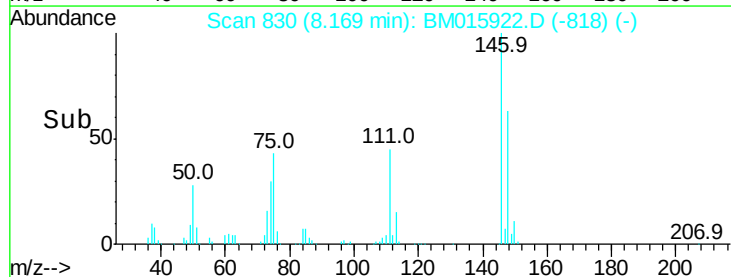
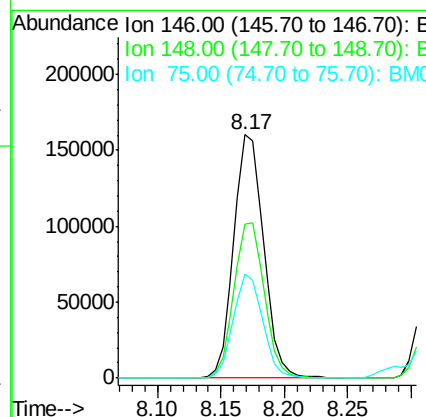
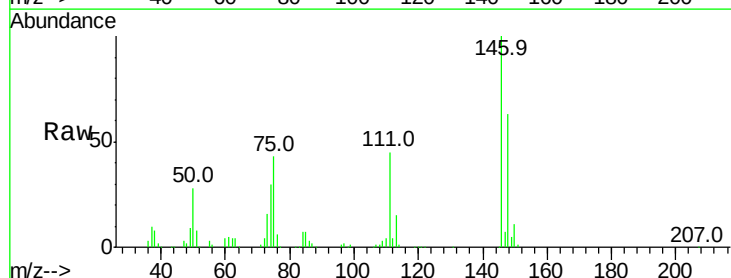
Instrument :
BNA_M
ClientSampleId :

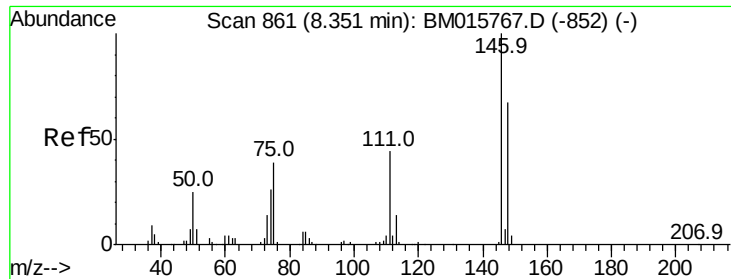
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.9	49.5	89.5
95	32.9	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 42.467 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.9	76.3
75	42.6	21.4	32.2

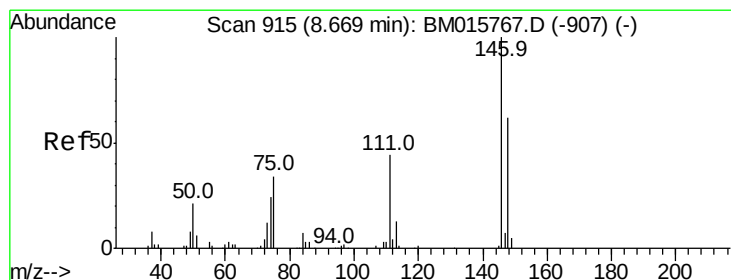
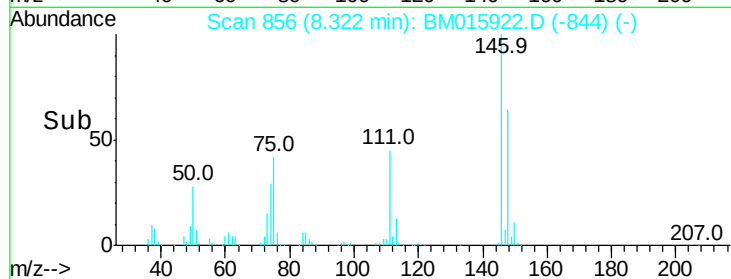
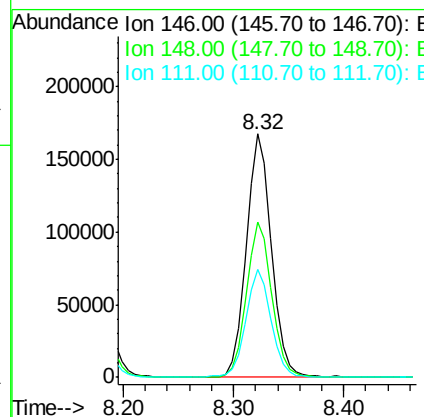
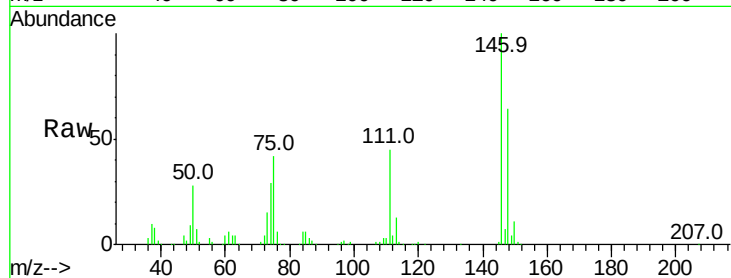




#13
 1,4-Dichlorobenzene
 Concen: 42.019 ng
 RT: 8.32 min Scan# 856
 Delta R.T. -0.03 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

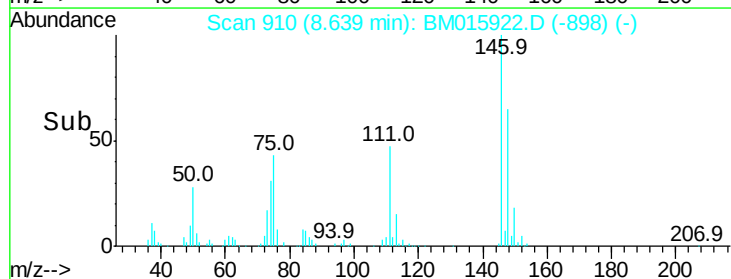
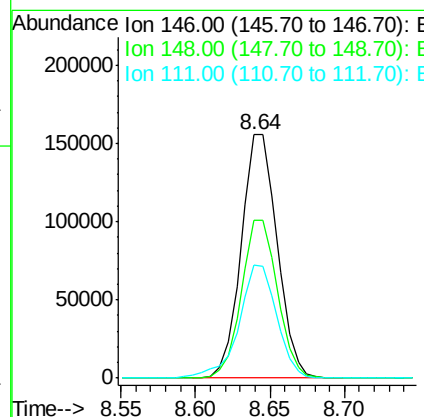
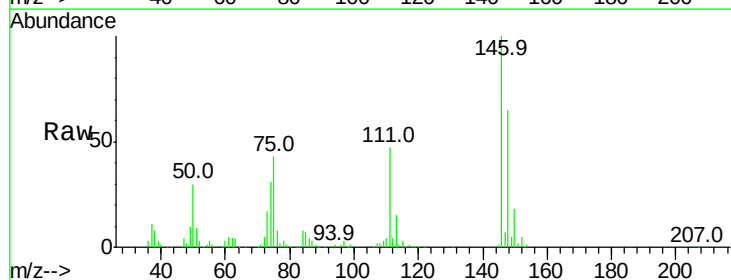
Instrument :
 BNA_M
 ClientSampleId :

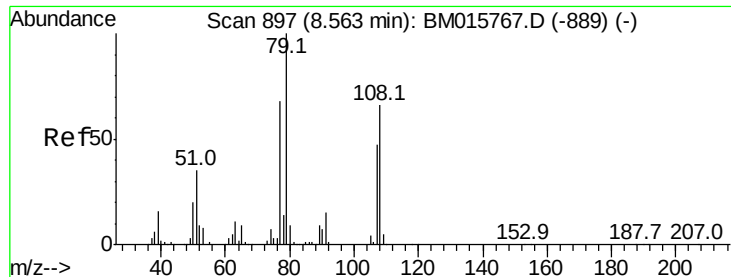
Tot Ion:146 Resp: 268514
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.9 77.9
 111 44.5 29.2 43.8#



#14
 1,2-Dichlorobenzene
 Concen: 42.149 ng
 RT: 8.64 min Scan# 910
 Delta R.T. -0.03 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion:146 Resp: 260488
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.3 78.5
 111 46.7 30.6 45.8#

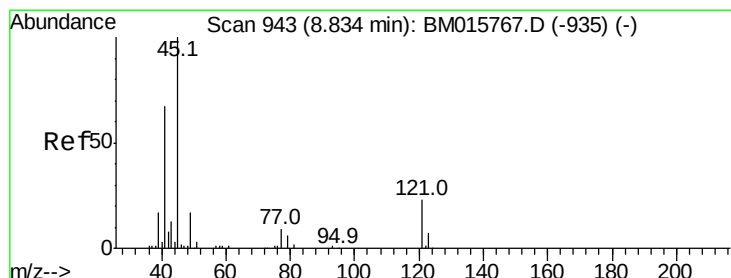
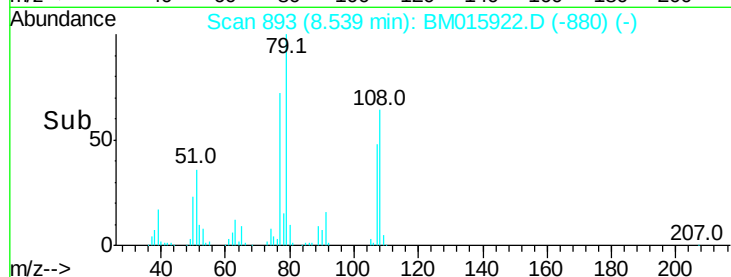
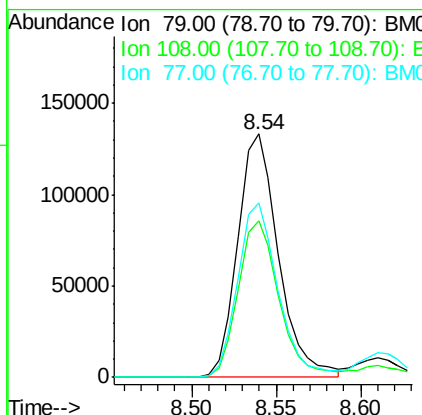
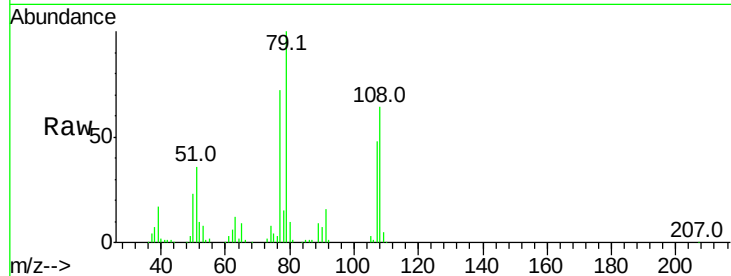




#15
Benzyl Alcohol
Concen: 40.693 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

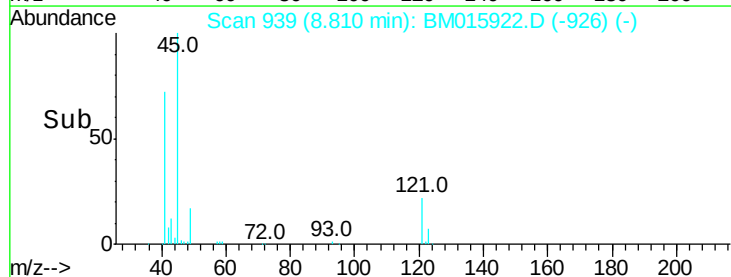
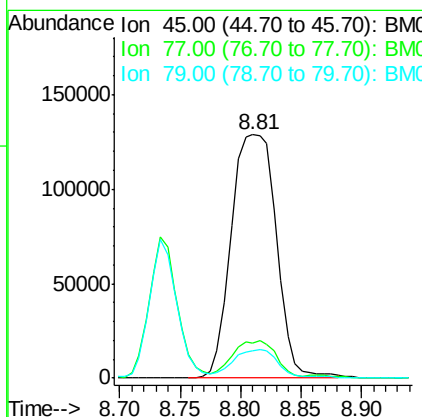
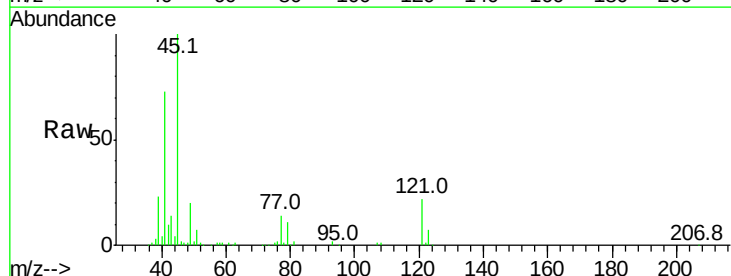
Instrument :
BNA_M
ClientSampled :

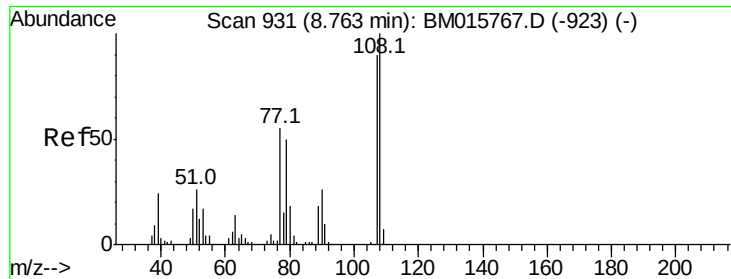
Tot Ion: 79 Resp: 224607
Ion Ratio Lower Upper
79 100
108 64.3 65.0 97.4#
77 71.6 53.0 79.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 59.006 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion: 45 Resp: 334883
Ion Ratio Lower Upper
45 100
77 14.3 0.0 35.2
79 11.0 0.0 32.0

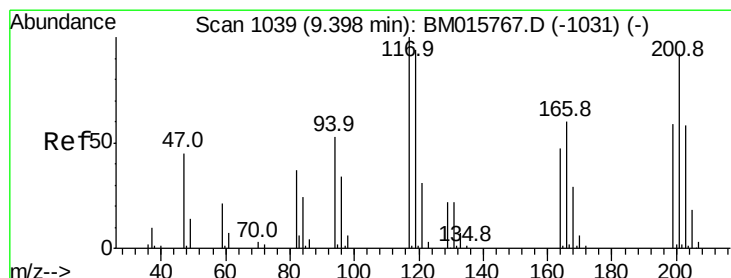
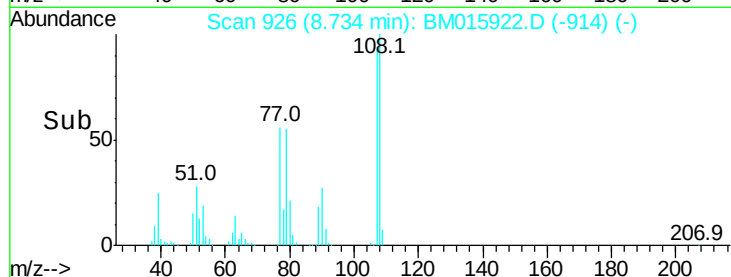
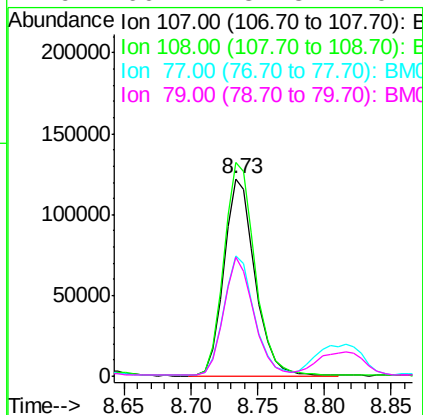
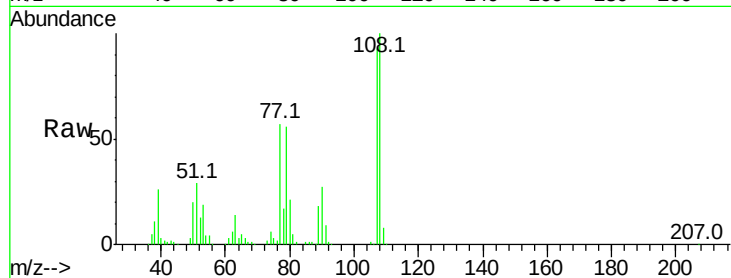




#17
2-Methylphenol
Concen: 45.398 ng
RT: 8.73 min Scan# 926
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

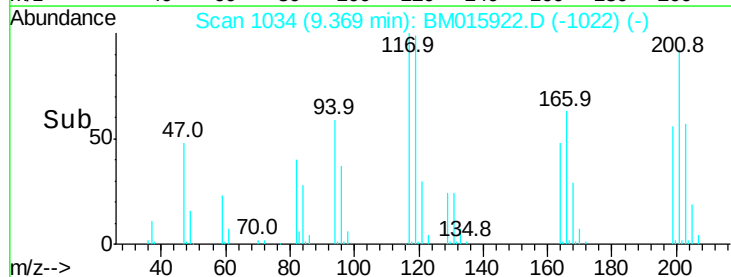
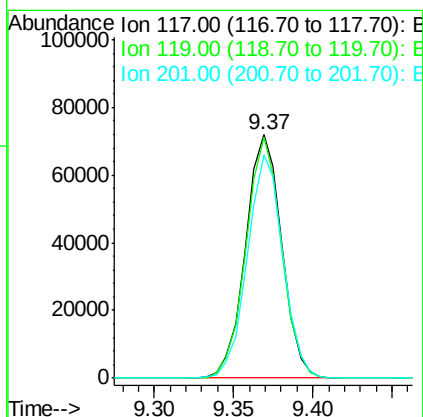
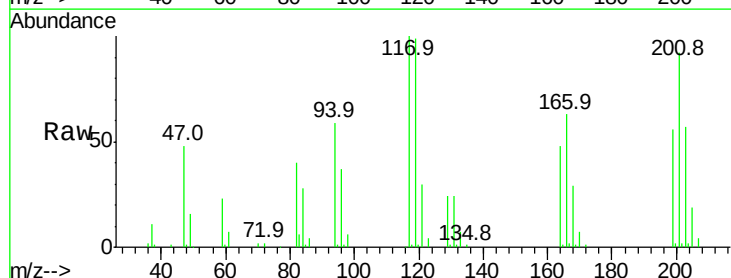
Instrument :
BNA_M
ClientSampled :

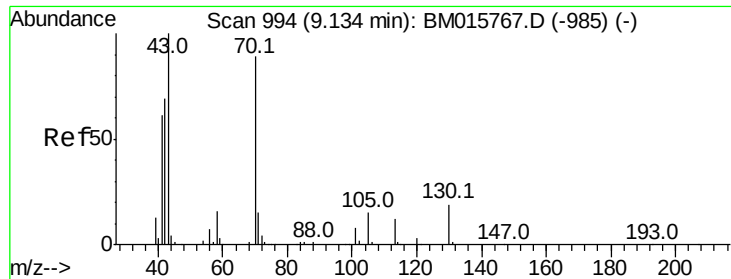
Tot Ion:	107	Resp:	200925
Ion	Ratio	Lower	Upper
107	100		
108	108.1	89.8	134.8
77	61.1	32.6	48.8#
79	60.2	32.8	49.2#



#18
Hexachloroethane
Concen: 45.062 ng
RT: 9.37 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion:	117	Resp:	113863
Ion	Ratio	Lower	Upper
117	100		
119	99.2	79.2	118.8
201	91.7	69.8	104.6

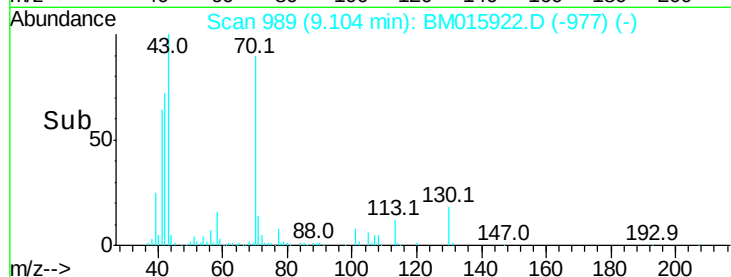
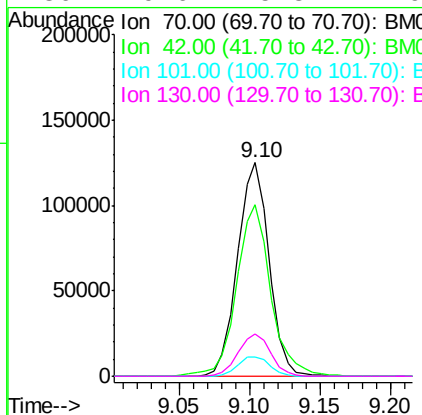
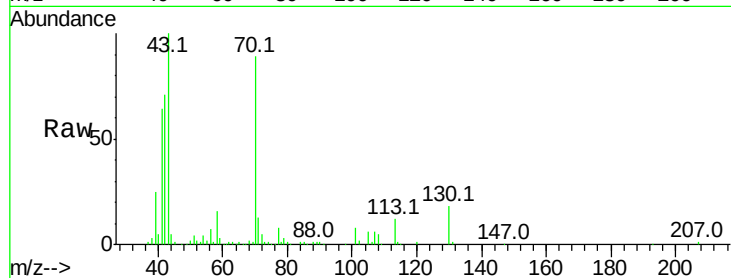




#19
n-Nitroso-di-n-propylamine
Concen: 38.125 ng
RT: 9.10 min Scan# 989
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

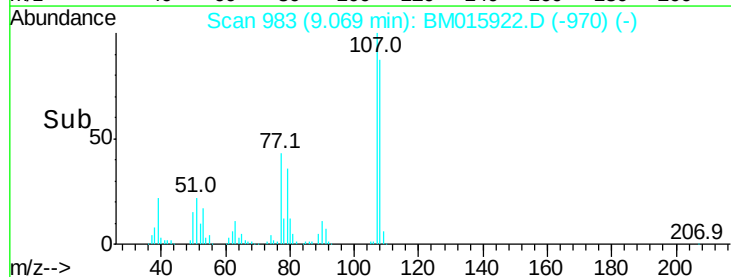
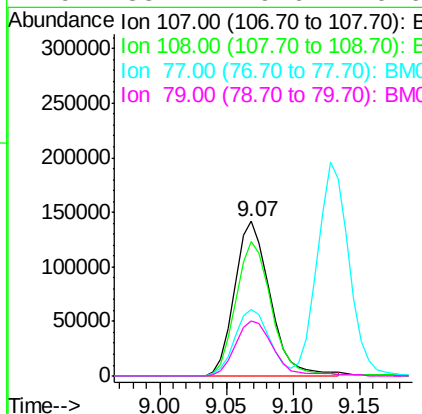
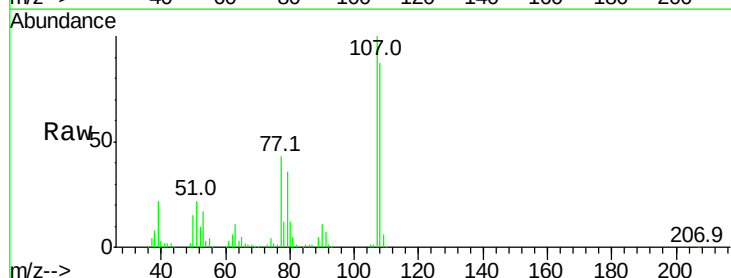
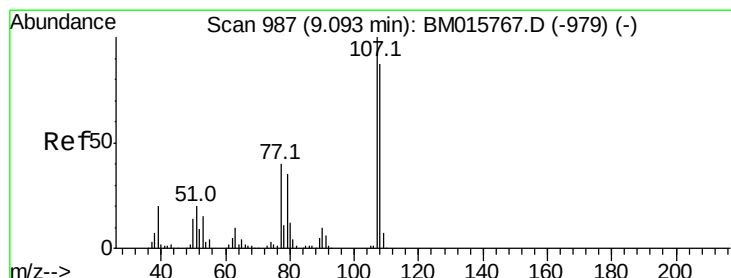
Instrument :
BNA_M
ClientSampleId :

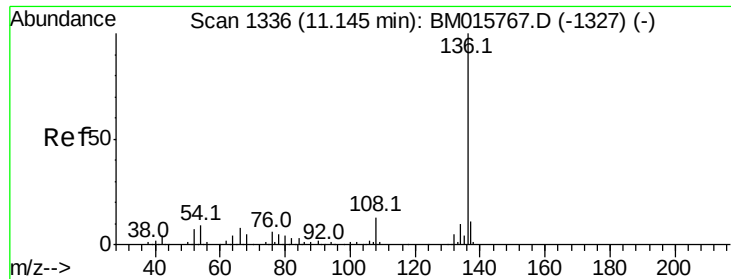
Tot Ion:	70	Resp:	194800
Ion	Ratio	Lower	Upper
70	100		
42	80.1	44.5	66.7#
101	9.2	7.4	11.2
130	19.6	15.3	22.9



#20
3+4-Methylphenols
Concen: 42.593 ng
RT: 9.07 min Scan# 983
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion:	107	Resp:	261849
Ion	Ratio	Lower	Upper
107	100		
108	87.1	73.2	113.2
77	43.4	10.7	50.7
79	35.7	9.6	49.6

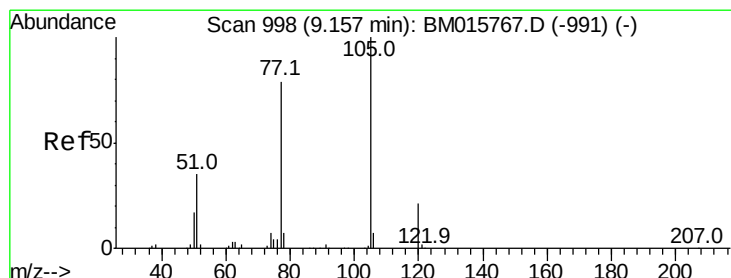
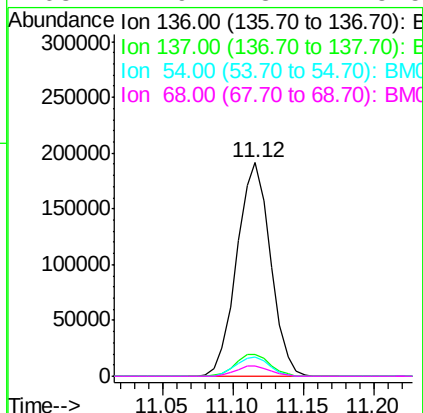
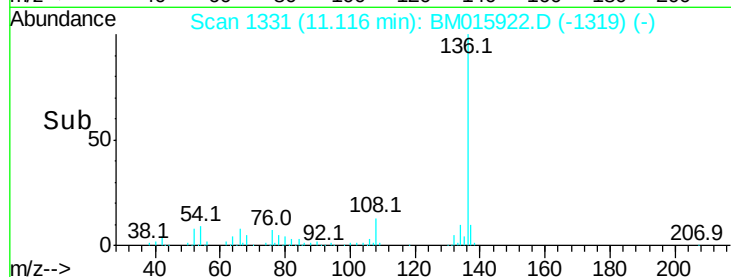
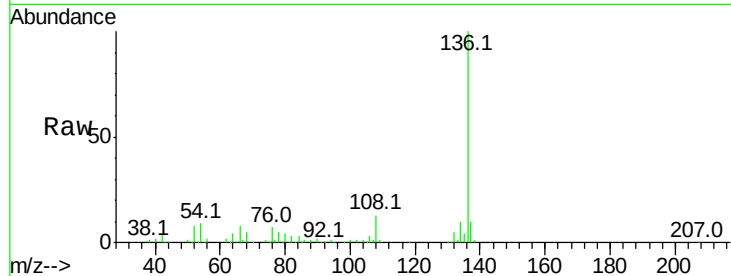




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.12 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

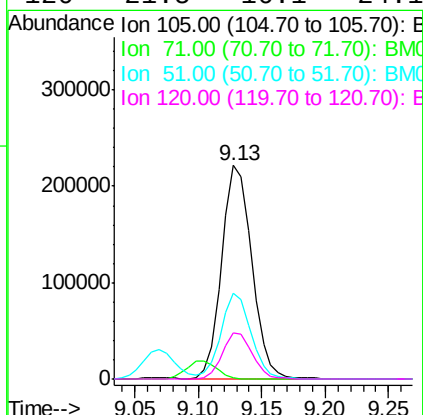
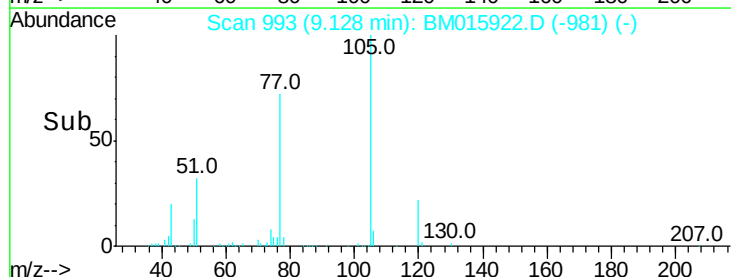
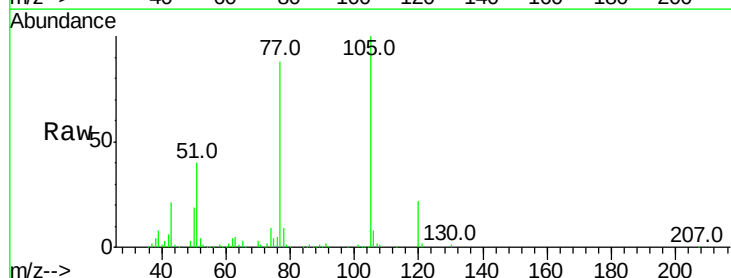
Instrument :
BNA_M
ClientSampleId :

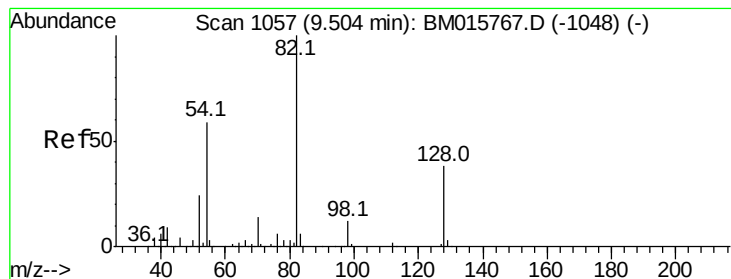
Tot Ion:136	Resp:	319266
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.7 13.1
54	9.3	4.6 6.8#
68	4.9	3.7 5.5



#22
Acetophenone
Concen: 43.717 ng
RT: 9.13 min Scan# 993
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion:105	Resp:	363596
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.6 1.0#
51	40.2	21.6 32.4#
120	21.5	16.1 24.1





#23

Nitrobenzene-d5

Concen: 43.717 ng

RT: 9.47 min Scan# 1052

Delta R.T. -0.03 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

ClientSampled :

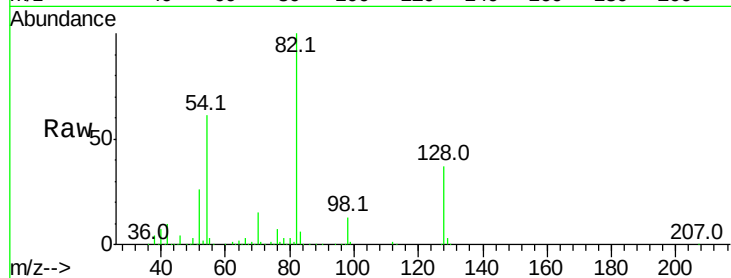
Tot Ion: 82 Resp: 668802

Ion Ratio Lower Upper

82 100

128 37.3 32.8 49.2

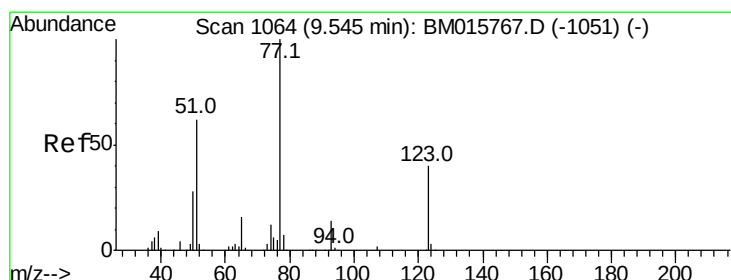
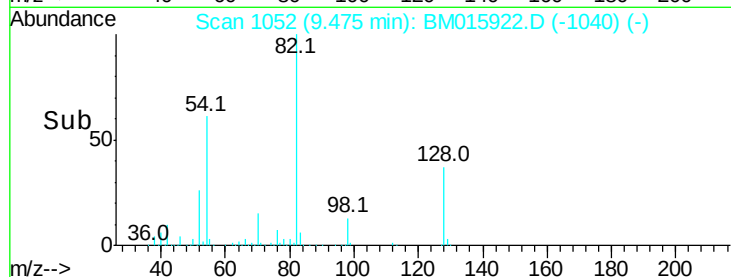
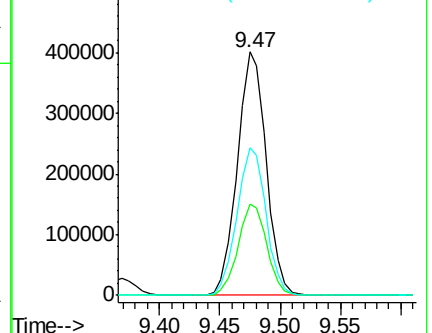
54 60.7 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM015767.D (-1048) (-)

Ion 128.00 (127.70 to 128.70): BM015767.D (-1048) (-)

Ion 54.00 (53.70 to 54.70): BM015767.D (-1048) (-)



#24

Nitrobenzene

Concen: 47.901 ng

RT: 9.52 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

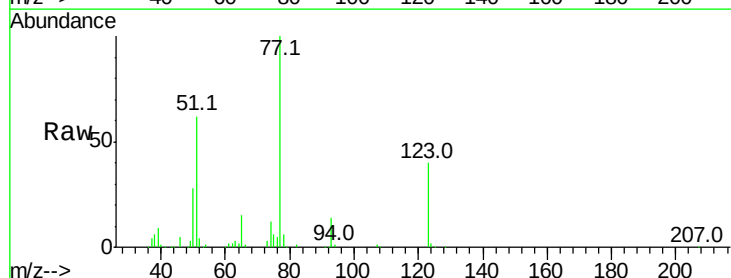
Tgt Ion: 77 Resp: 305108

Ion Ratio Lower Upper

77 100

123 39.7 32.6 49.0

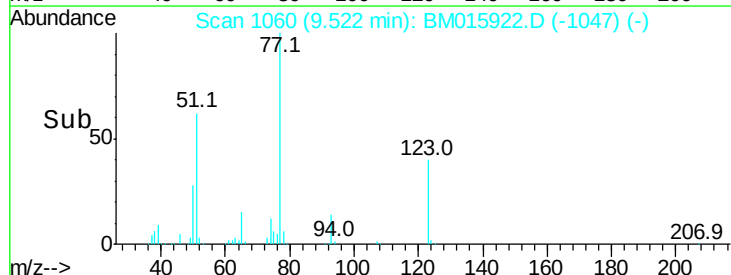
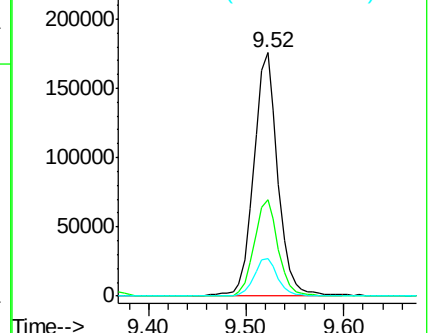
65 15.3 10.9 16.3

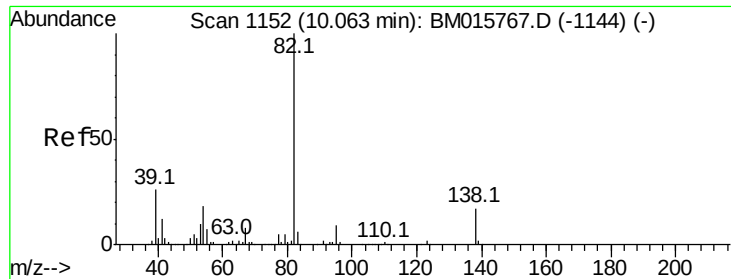


Abundance Ion 77.00 (76.70 to 77.70): BM015767.D (-1051) (-)

Ion 123.00 (122.70 to 123.70): BM015767.D (-1051) (-)

Ion 65.00 (64.70 to 65.70): BM015767.D (-1051) (-)





#25

Isophorone

Concen: 49.202 ng

RT: 10.04 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

ClientSampleId :

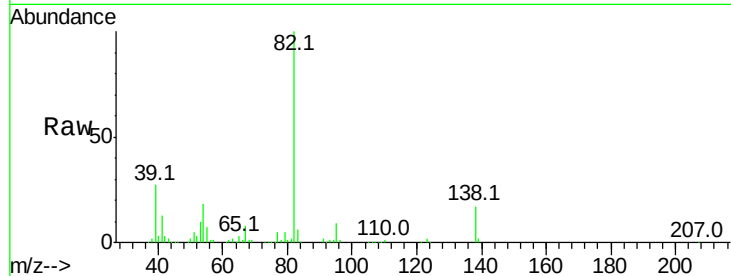
Tot Ion: 82 Resp: 491401

Ion Ratio Lower Upper

82 100

95 8.9 5.8 8.6#

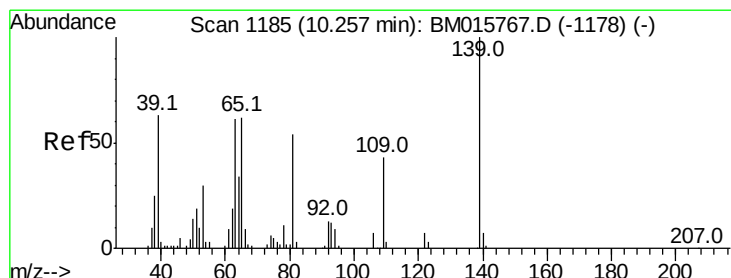
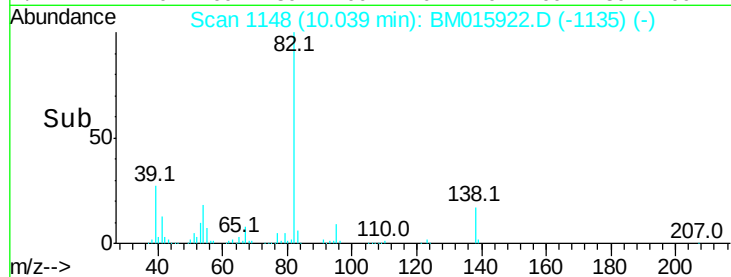
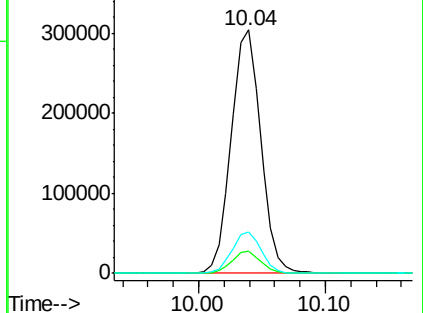
138 17.2 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM015767.D (-1144) (-)

Ion 95.00 (94.70 to 95.70): BM015767.D (-1144) (-)

Ion 138.00 (137.70 to 138.70): BM015767.D (-1144) (-)



#26

2-Nitrophenol

Concen: 46.080 ng

RT: 10.23 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

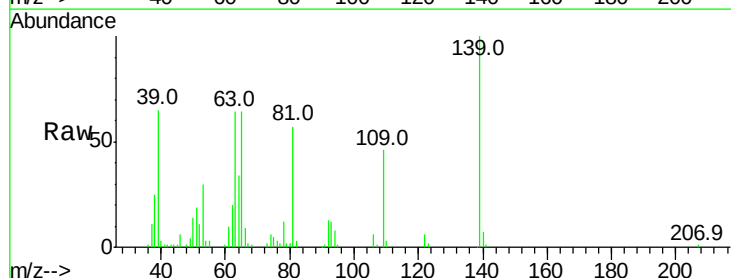
Tgt Ion: 139 Resp: 126386

Ion Ratio Lower Upper

139 100

109 46.1 20.1 30.1#

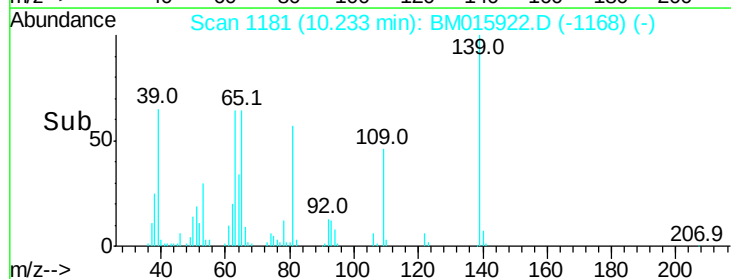
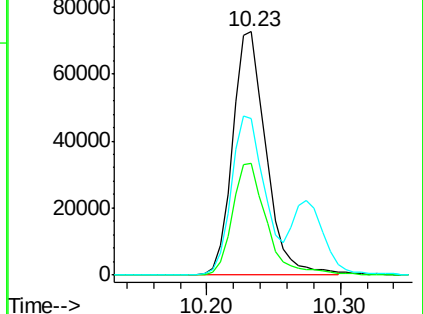
65 64.3 31.5 47.3#

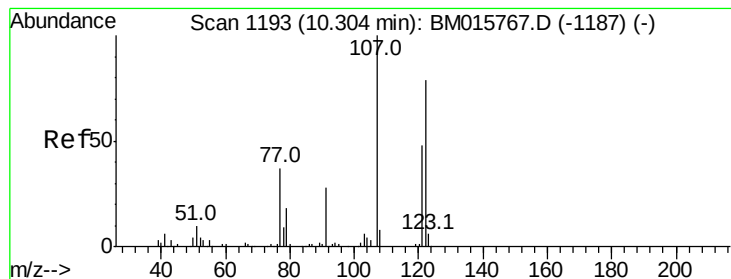


Abundance Ion 139.00 (138.70 to 139.70): BM015767.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BM015767.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BM015767.D (-1178) (-)





#27

2,4-Dimethylphenol

Concen: 52.590 ng

RT: 10.27 min Scan# 1188

Delta R.T. -0.03 min

Lab File: BM015922.D

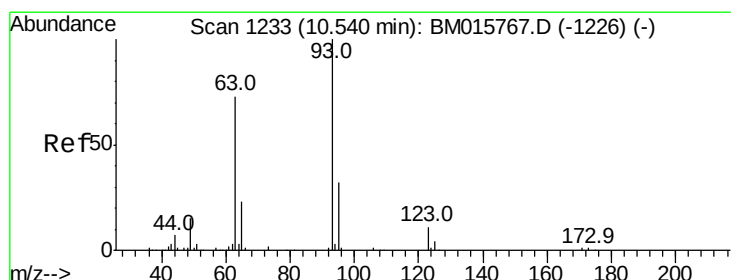
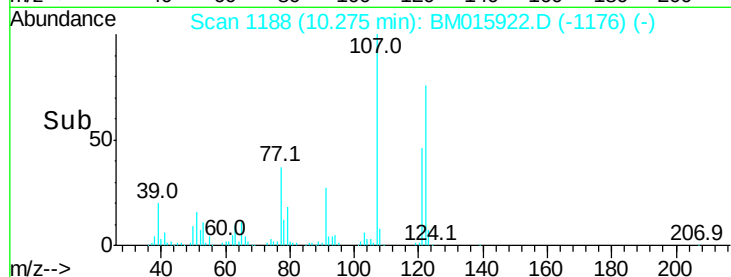
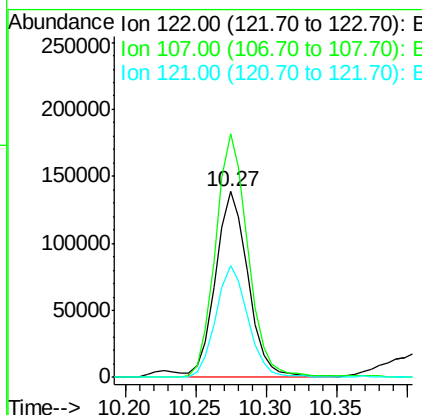
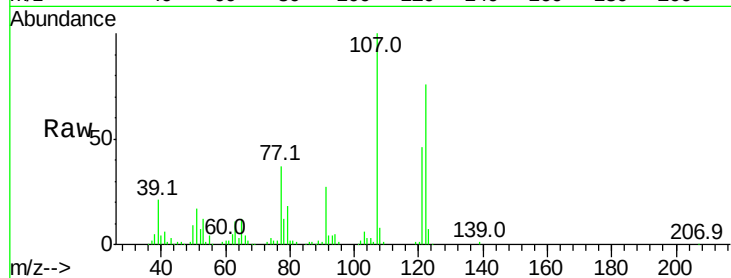
Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

ClientSampled :

Tot Ion:	122	Resp:	219129
Ion	Ratio	Lower	Upper
122	100		
107	131.2	84.7	127.1#
121	60.3	46.6	69.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.931 ng

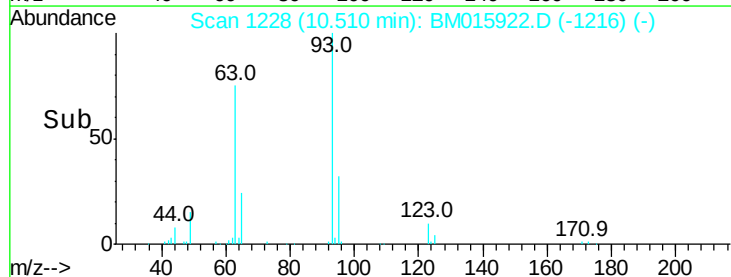
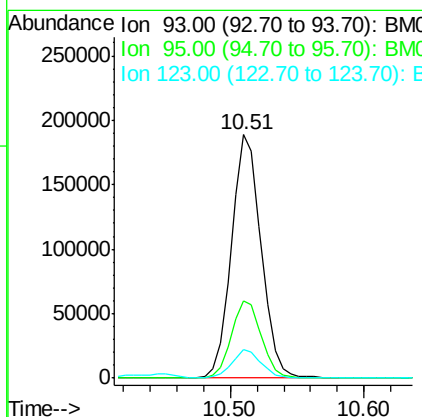
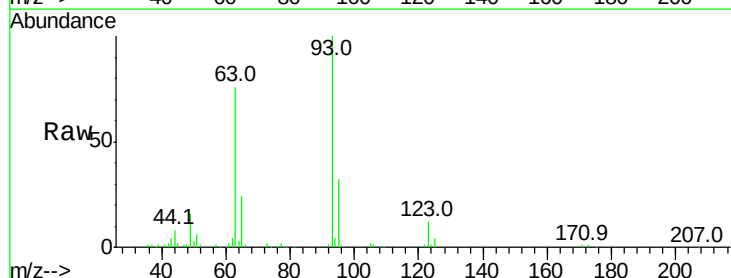
RT: 10.51 min Scan# 1228

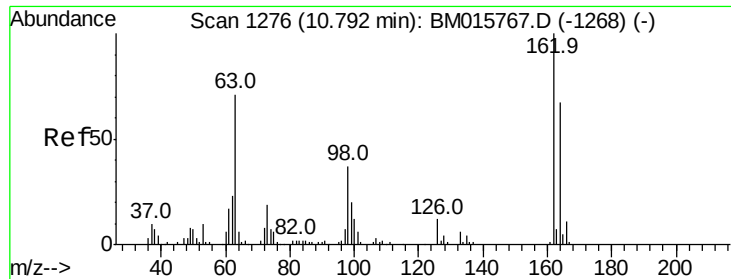
Delta R.T. -0.03 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Tgt Ion:	93	Resp:	292360
Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.5	38.3
123	11.6	8.6	13.0

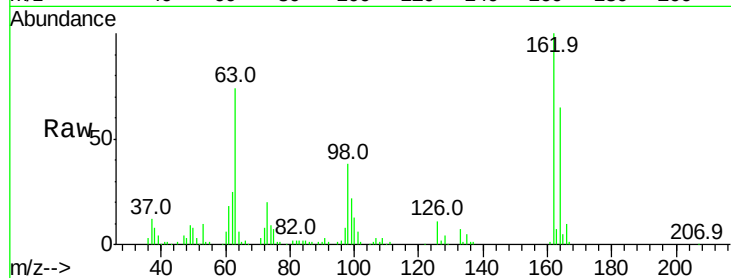




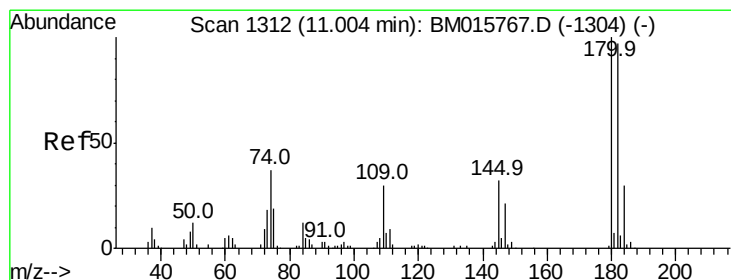
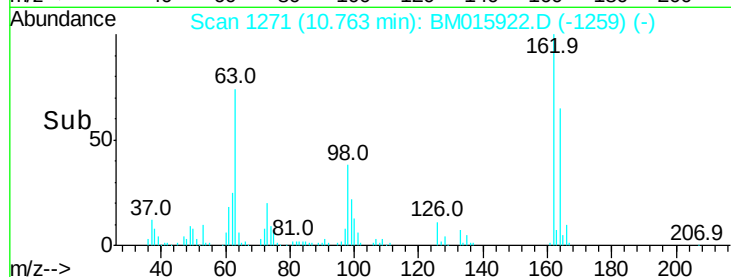
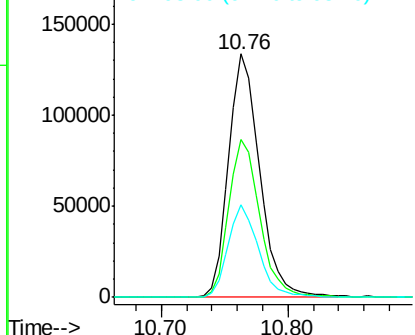
#29
 2,4-Dichlorophenol
 Concen: 49.416 ng
 RT: 10.76 min Scan# 1271
 Delta R.T. -0.03 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.8	82.8
98	37.9	14.5	54.5

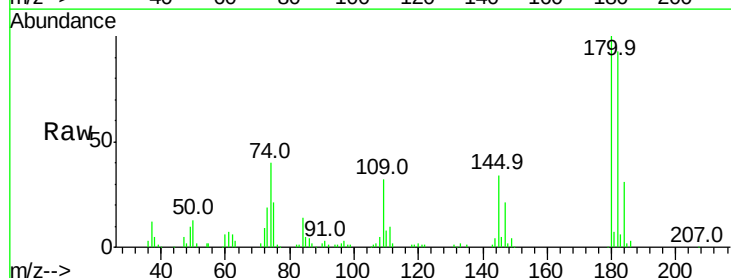


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

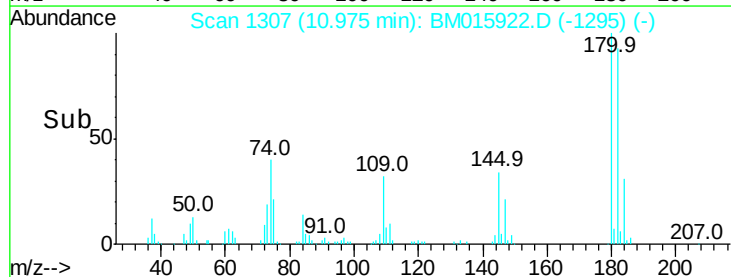
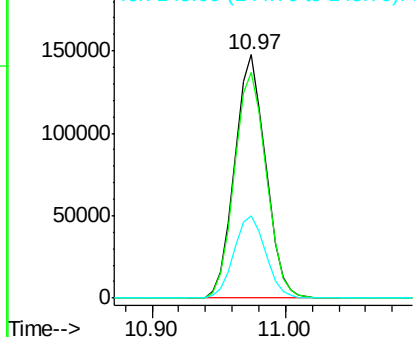


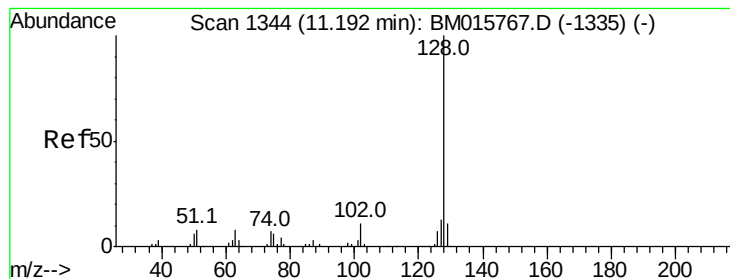
#30
 1,2,4-Trichlorobenzene
 Concen: 44.522 ng
 RT: 10.97 min Scan# 1307
 Delta R.T. -0.03 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	77.6	116.4
145	33.6	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

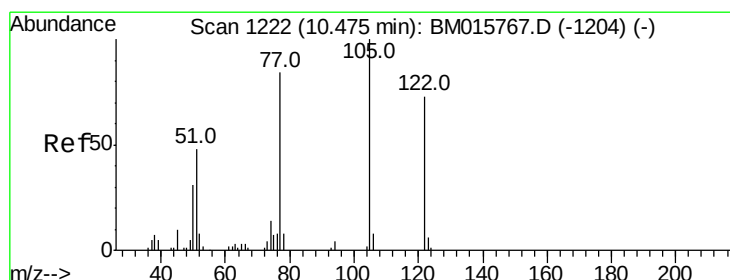
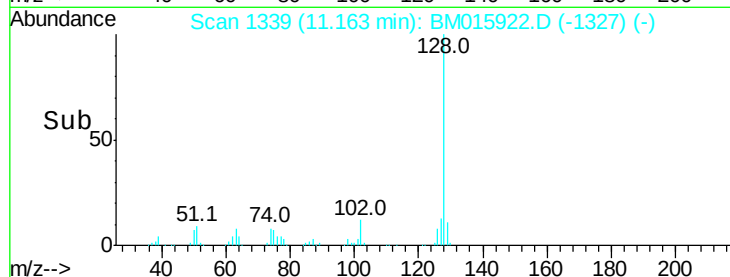
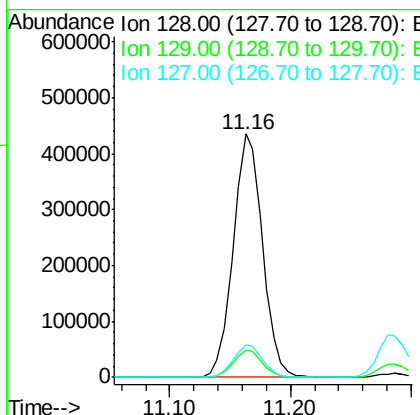
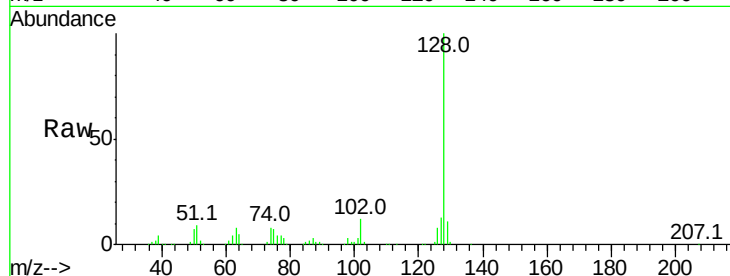




#31
Naphthalene
Concen: 44.294 ng
RT: 11.16 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

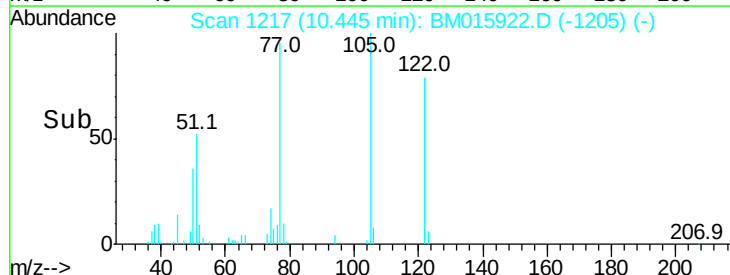
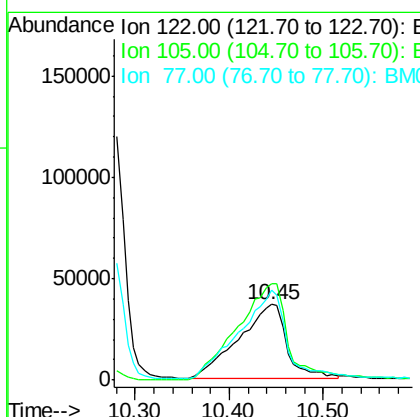
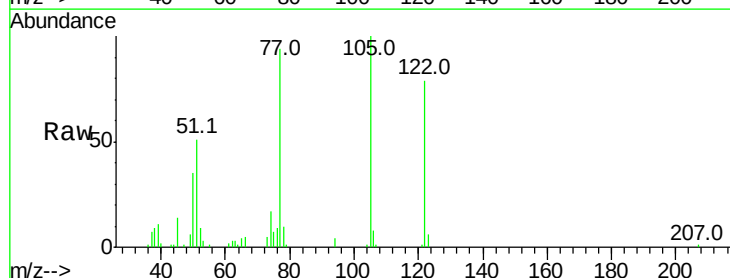
Instrument :
BNA_M
ClientSampleId :

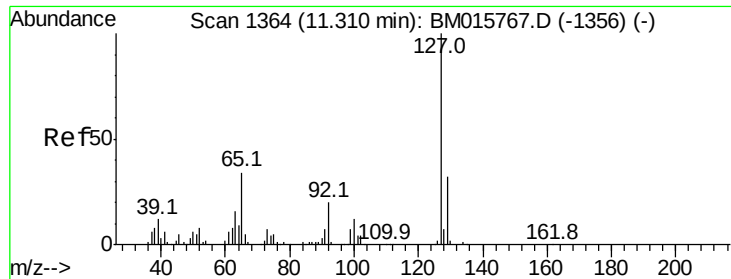
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.3	10.4	15.6



#32
Benzoic acid
Concen: 34.701 ng
RT: 10.45 min Scan# 1217
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.0	99.9	139.9
77	119.1	73.7	113.7#

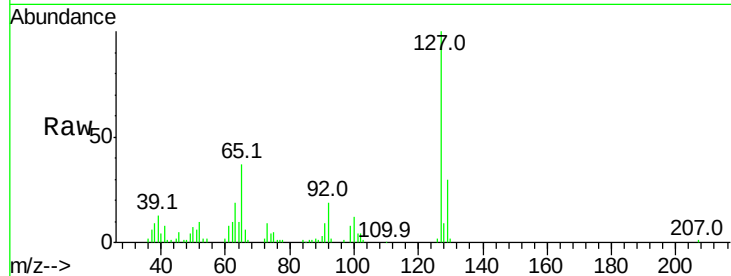




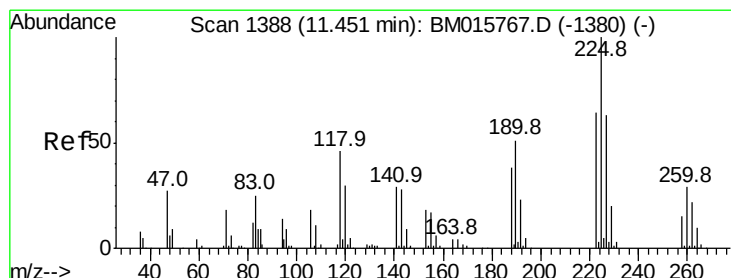
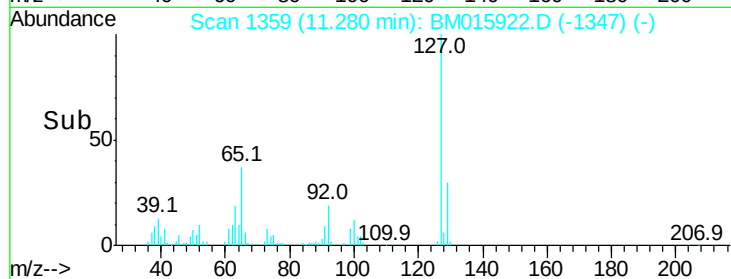
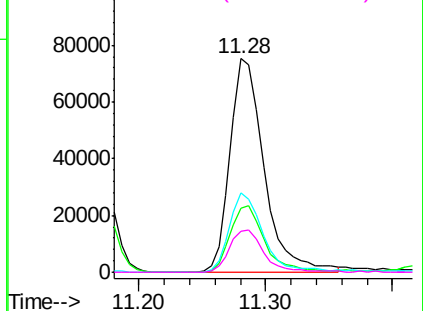
#33
4-Chloroaniline
Concen: 20.881 ng
RT: 11.28 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampled :

Tot Ion:127 Resp: 140916
Ion Ratio Lower Upper
127 100
129 29.9 25.3 37.9
65 37.4 17.6 26.4#
92 19.3 13.1 19.7

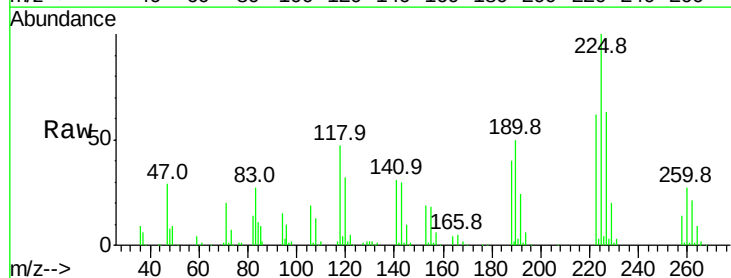


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

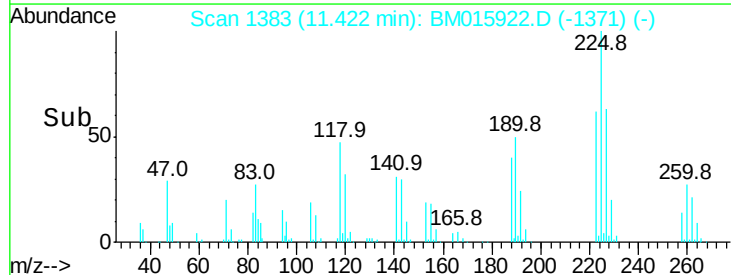
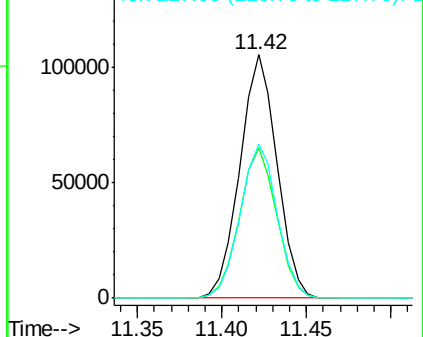


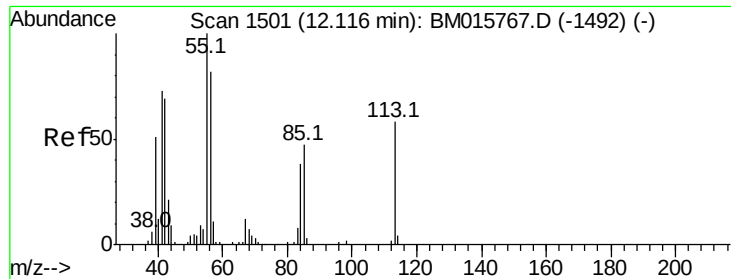
#34
Hexachlorobutadiene
Concen: 45.140 ng
RT: 11.42 min Scan# 1383
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion:225 Resp: 161473
Ion Ratio Lower Upper
225 100
223 61.8 47.9 71.9
227 63.0 50.1 75.1



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





#35

Caprolactam

Concen: 37.889 ng

RT: 12.09 min Scan# 1496

Delta R.T. -0.03 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

ClientSampled :

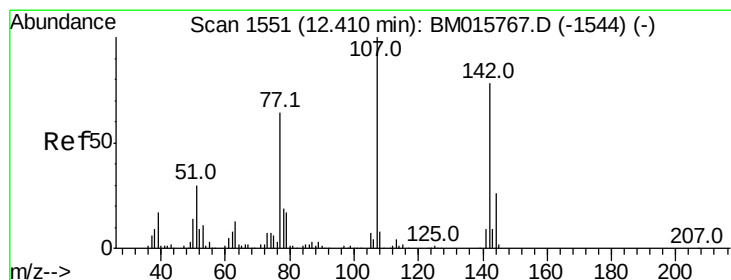
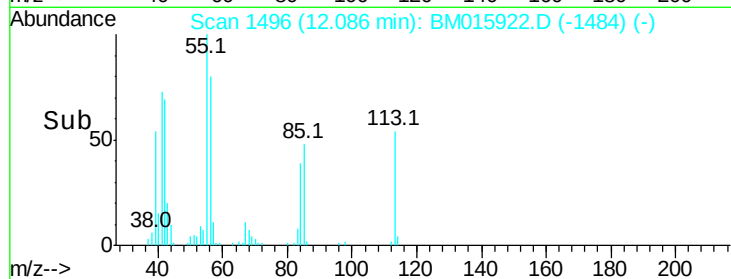
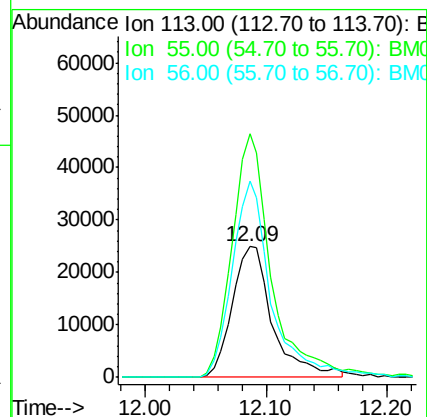
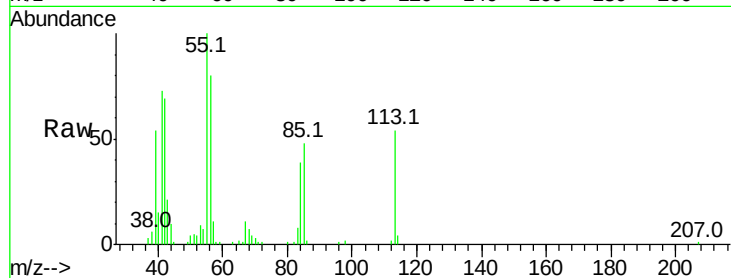
Tot Ion:113 Resp: 57987

Ion Ratio Lower Upper

113 100

55 186.5 145.9 185.9#

56 150.1 101.0 141.0#



#36

4-Chloro-3-methylphenol

Concen: 45.052 ng

RT: 12.39 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

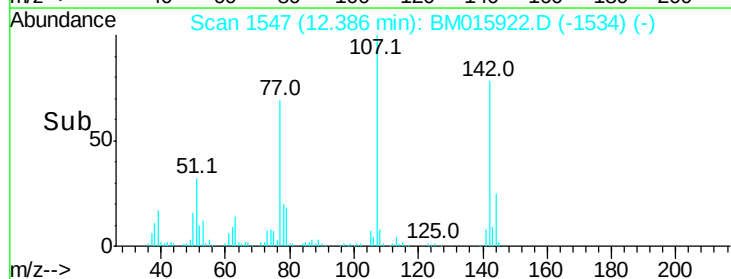
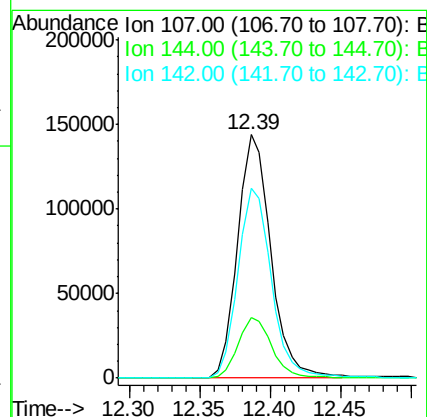
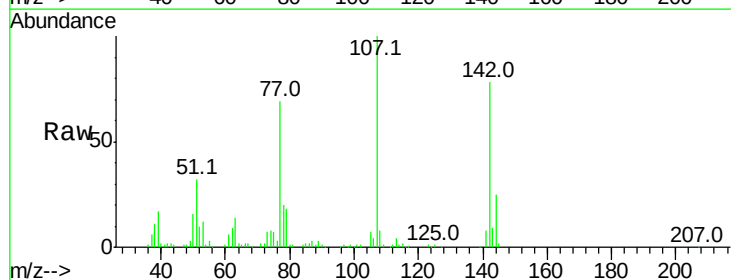
Tgt Ion:107 Resp: 238555

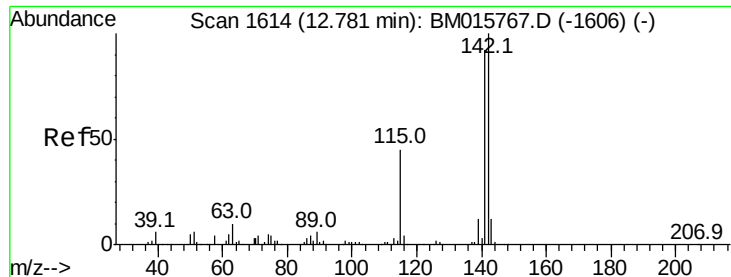
Ion Ratio Lower Upper

107 100

144 25.0 23.3 34.9

142 78.2 72.6 109.0

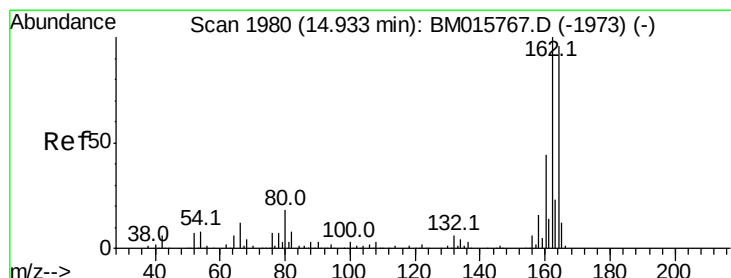
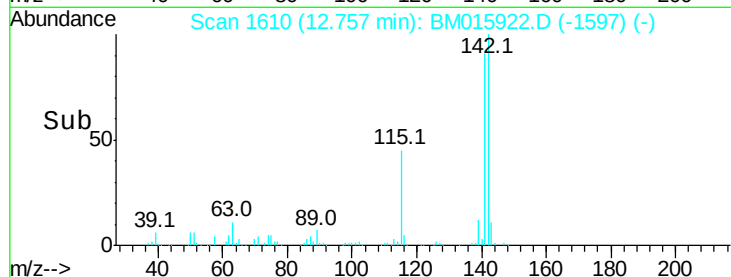
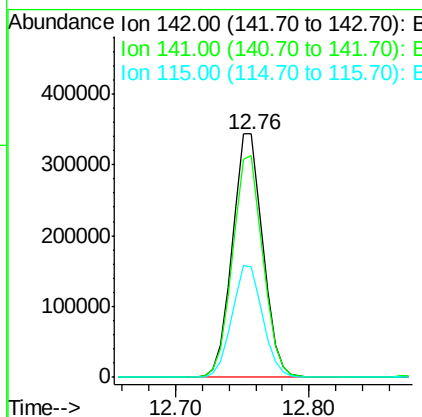
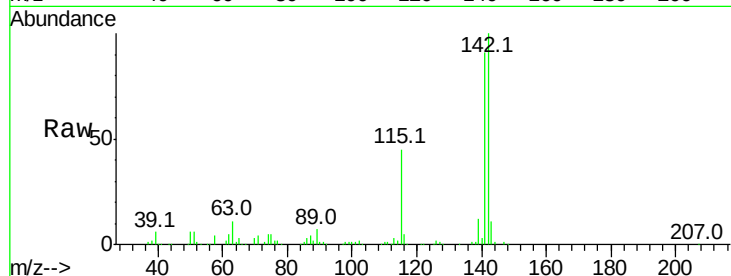




#37
 2-Methylnaphthalene
 Concen: 46.425 ng
 RT: 12.76 min Scan# 1610
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

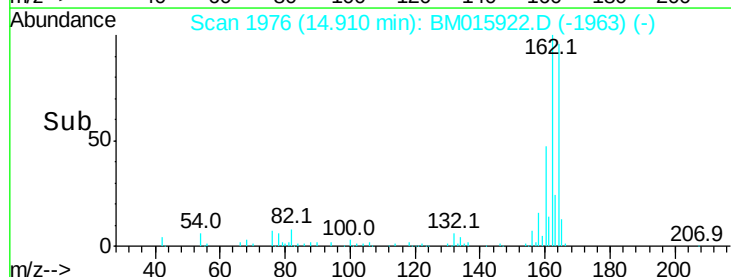
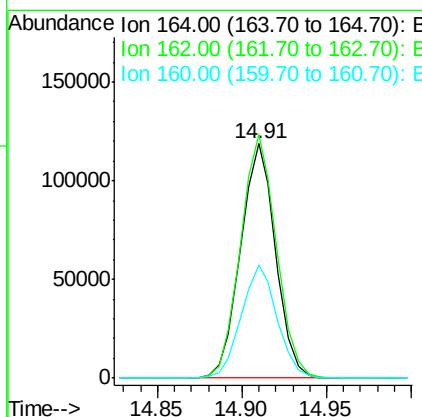
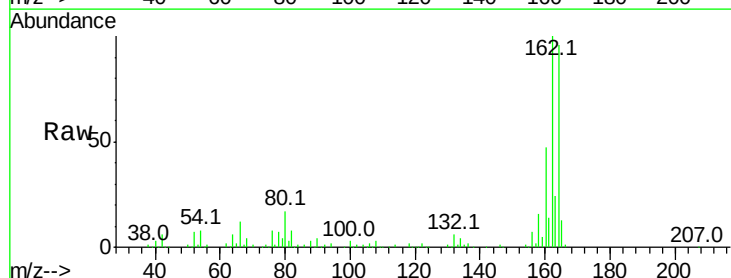
Instrument :
 BNA_M
 ClientSampleId :

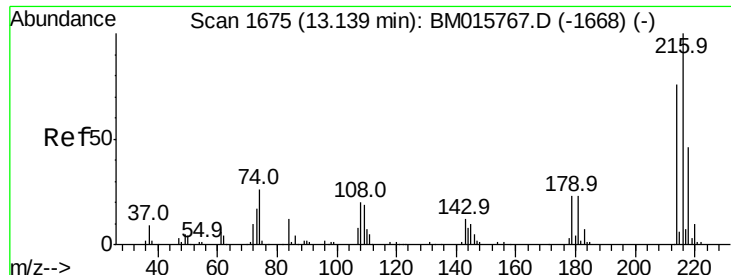
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.9	107.9
115	45.3	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.91 min Scan# 1976
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.4	123.6
160	48.5	35.8	53.6

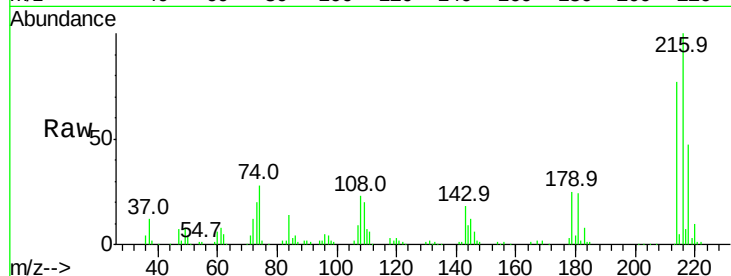




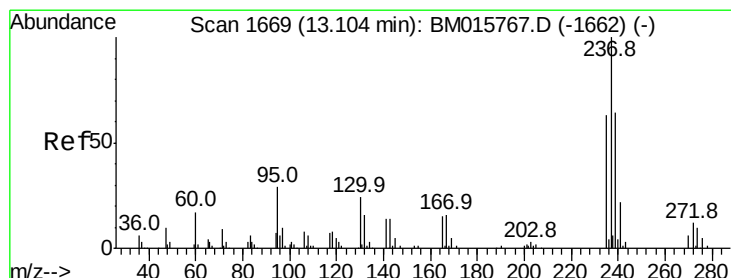
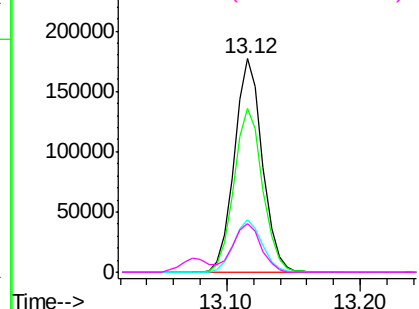
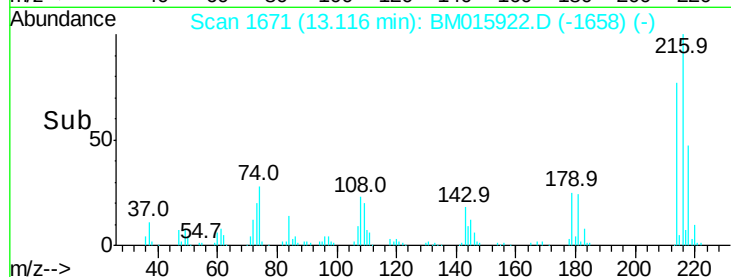
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.578 ng
 RT: 13.12 min Scan# 1671
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	216	Resp:	259796
Ion	Ratio	Lower	Upper
216	100		
214	78.1	0.0	0.0#
179	24.8	0.0	0.0#
108	22.8	0.0	0.0#

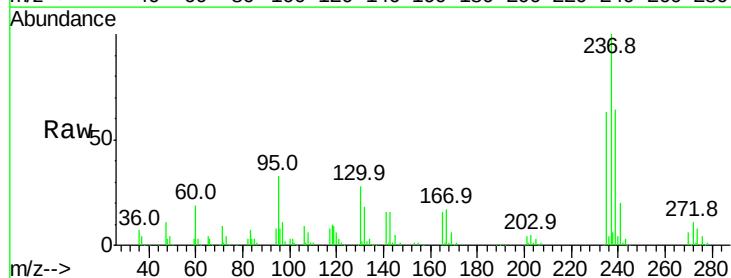


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

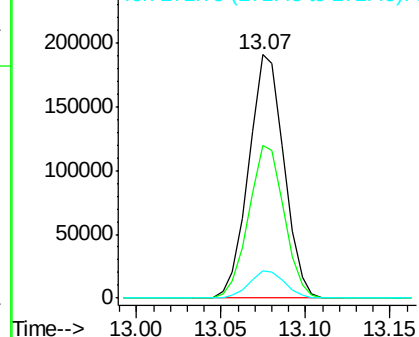
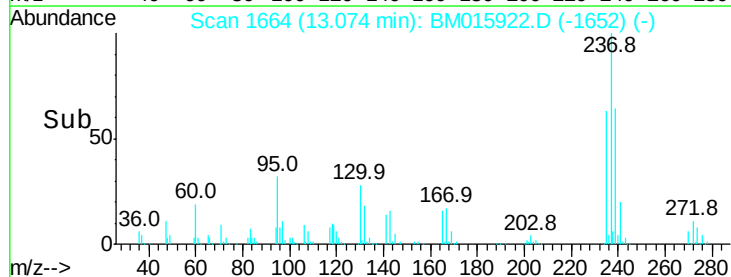


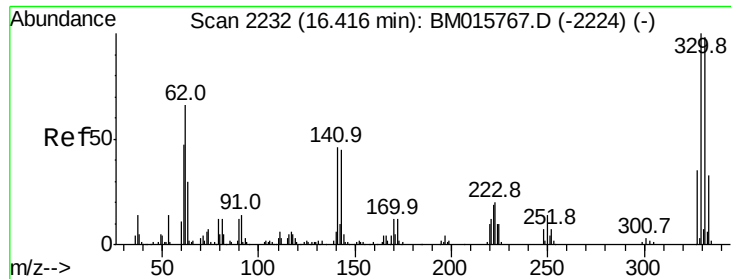
#40
 Hexachlorocyclopentadiene
 Concen: 105.647 ng
 RT: 13.07 min Scan# 1664
 Delta R.T. -0.03 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion:	237	Resp:	278145
Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.0	82.0
272	11.3	0.0	33.4



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

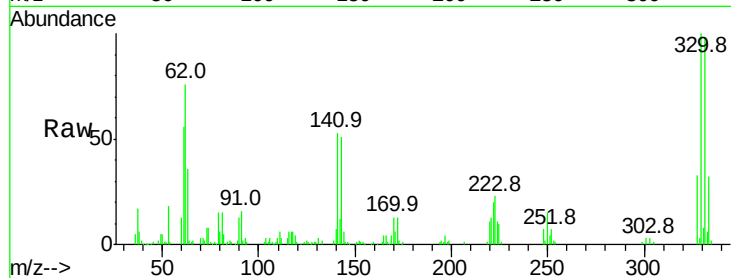




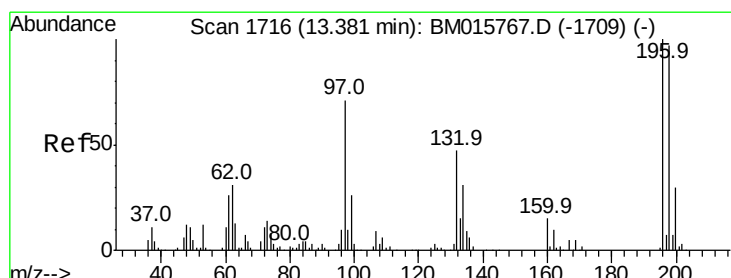
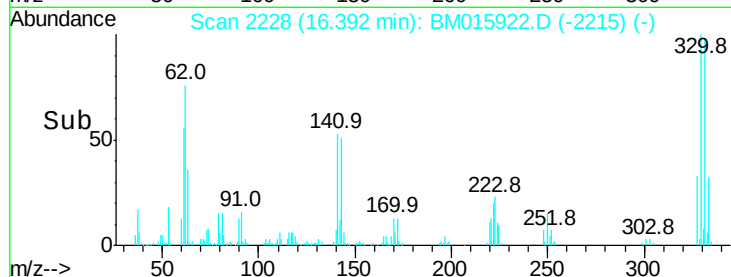
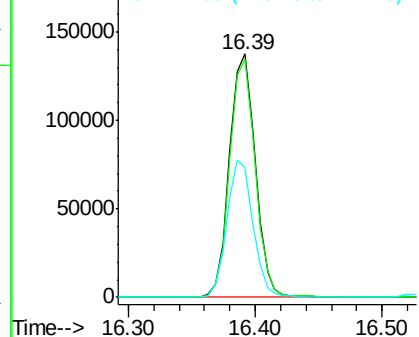
#41
 2,4,6-Tribromophenol
 Concen: 105.647 ng
 RT: 16.39 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	56.8	0.0	0.0#

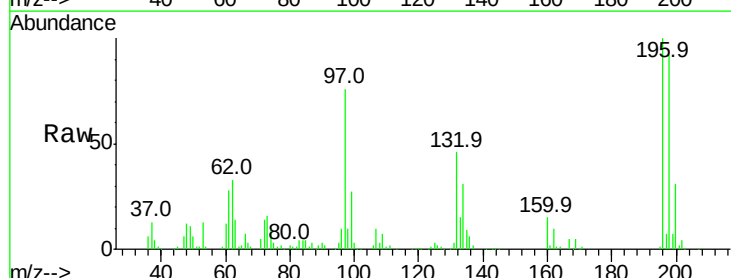


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

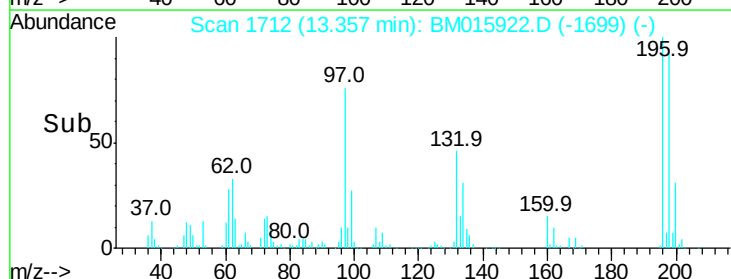
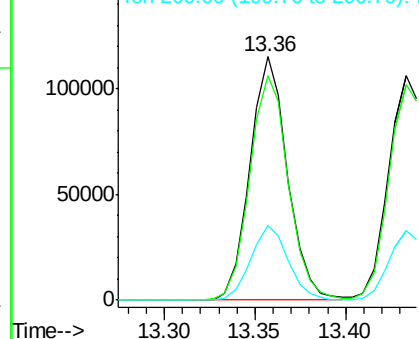


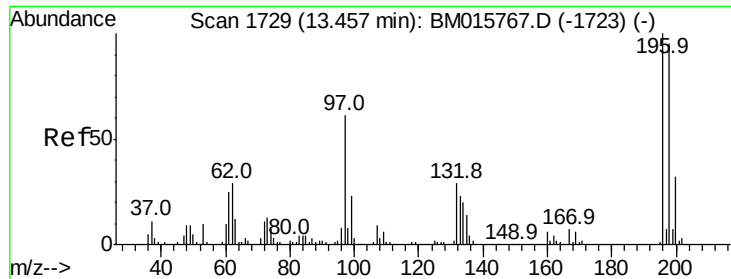
#42
 2,4,6-Trichlorophenol
 Concen: 48.000 ng
 RT: 13.36 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.2	76.3	114.5
200	30.9	25.6	38.4



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

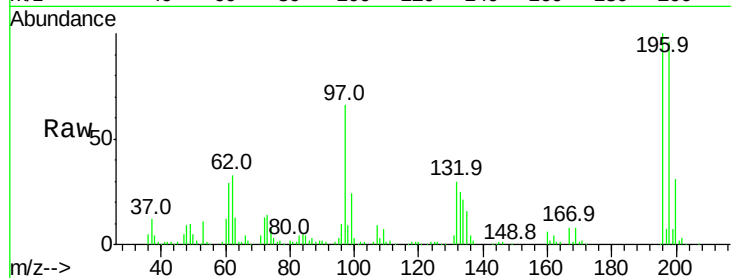




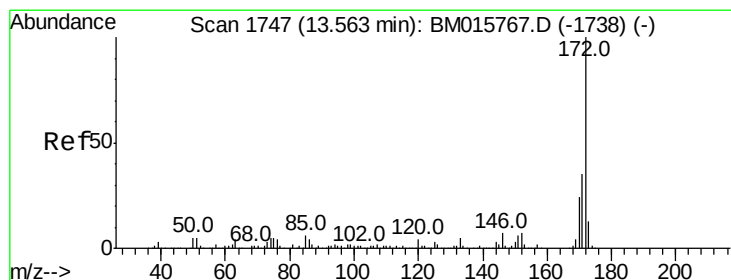
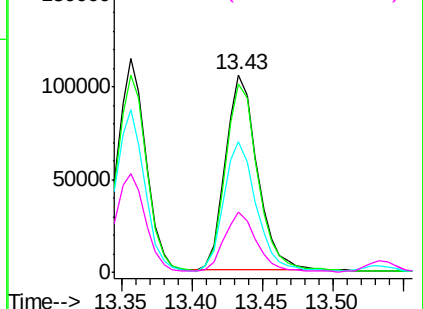
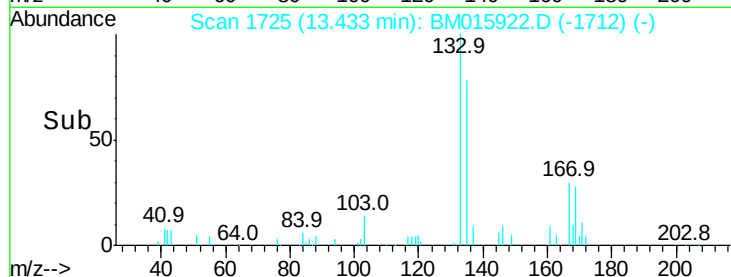
#43
2,4,5-Trichlorophenol
Concen: 44.718 ng
RT: 13.43 min Scan# 1725
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:196 Resp: 166735
Ion Ratio Lower Upper
196 100
198 95.5 79.4 119.0
97 66.0 26.8 40.2#
132 30.5 18.6 28.0#

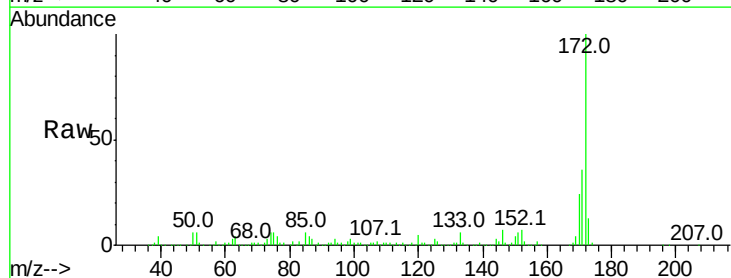


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BM
Ion 132.00 (131.70 to 132.70): E

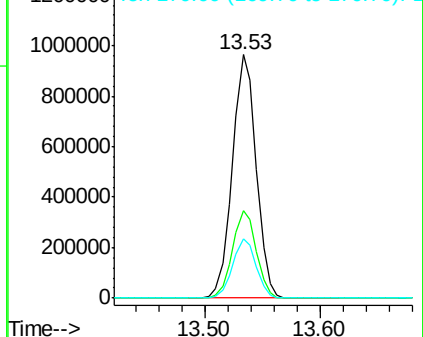
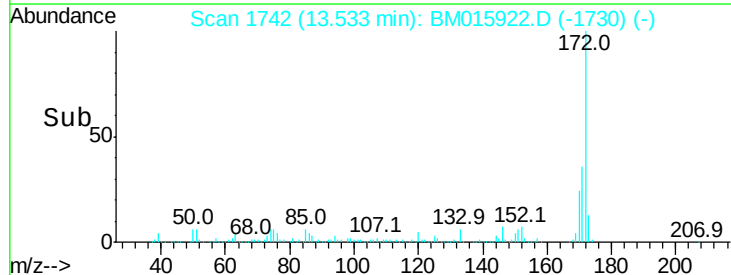


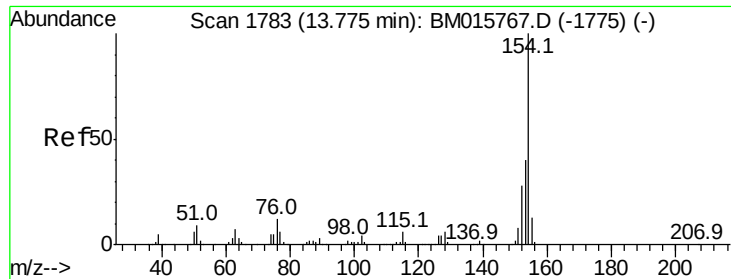
#44
2-Fluorobiphenyl
Concen: 44.718 ng
RT: 13.53 min Scan# 1742
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion:172 Resp: 1373314
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.2 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

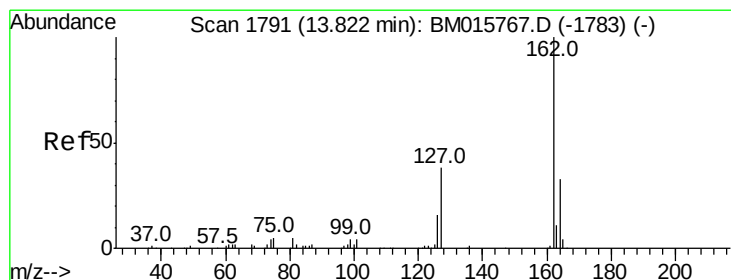
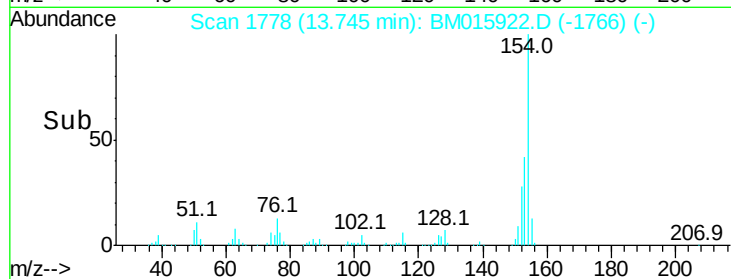
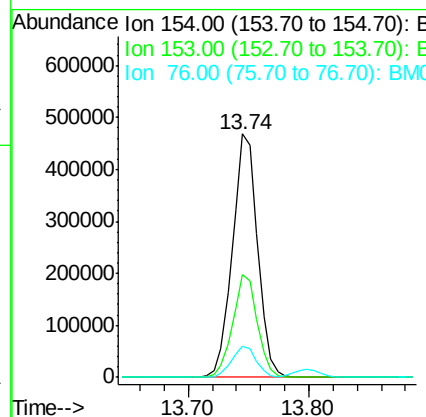
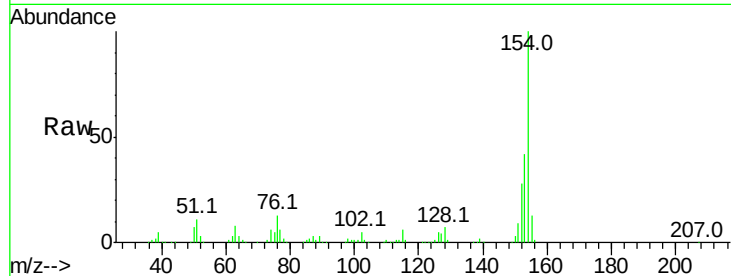




#45
 1,1'-Biphenyl
 Concen: 46.064 ng
 RT: 13.74 min Scan# 1778
 Delta R.T. -0.03 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

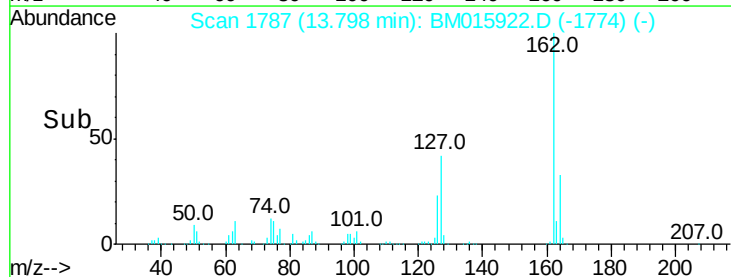
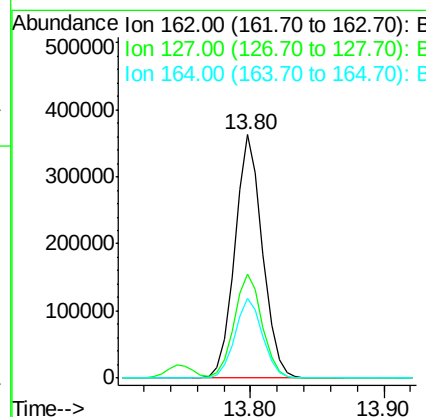
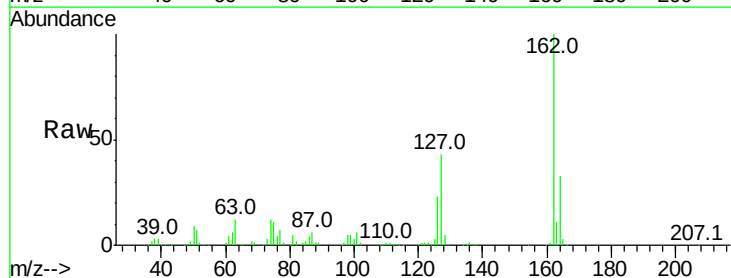
Instrument :
 BNA_M
 ClientSampleId :

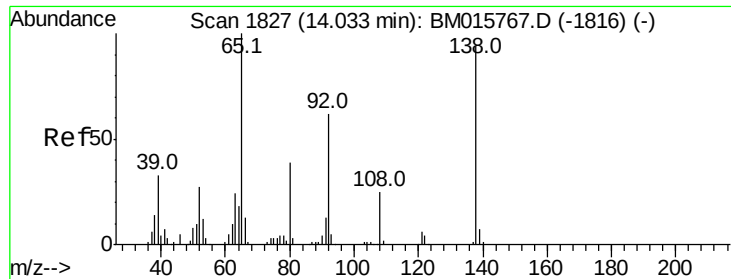
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	20.7	60.7
76	12.8	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 47.460 ng
 RT: 13.80 min Scan# 1787
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	26.9	40.3#
164	32.9	26.8	40.2





#47

2-Nitroaniline

Concen: 43.847 ng

RT: 14.01 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

ClientSampleId :

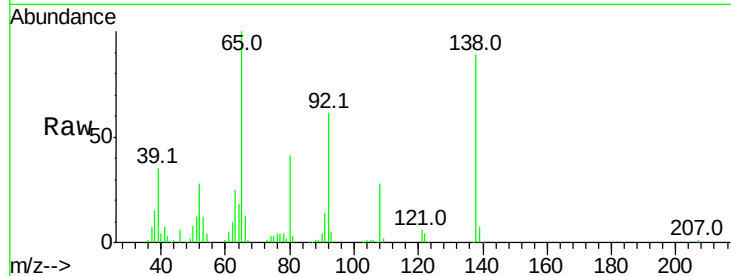
Tot Ion: 65 Resp: 168167

Ion Ratio Lower Upper

65 100

92 61.0 59.1 88.7

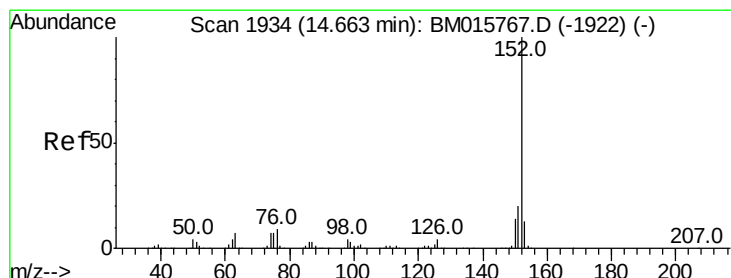
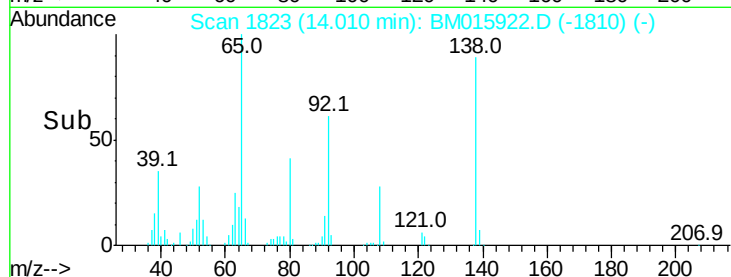
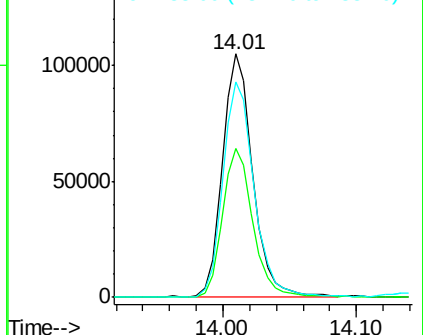
138 88.5 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM015767.D (-1816) (-)

Ion 92.00 (91.70 to 92.70): BM015767.D (-1816) (-)

Ion 138.00 (137.70 to 138.70): BM015767.D (-1816) (-)



#48

Acenaphthylene

Concen: 46.612 ng

RT: 14.64 min Scan# 1930

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

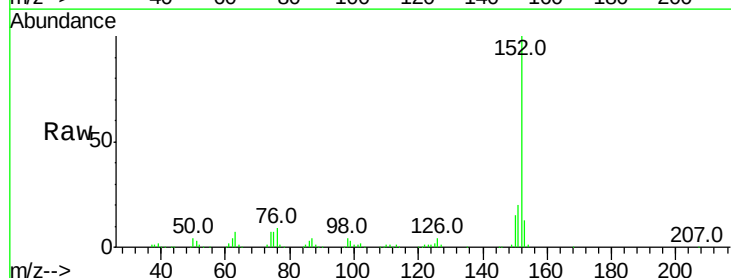
Tgt Ion: 152 Resp: 833943

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

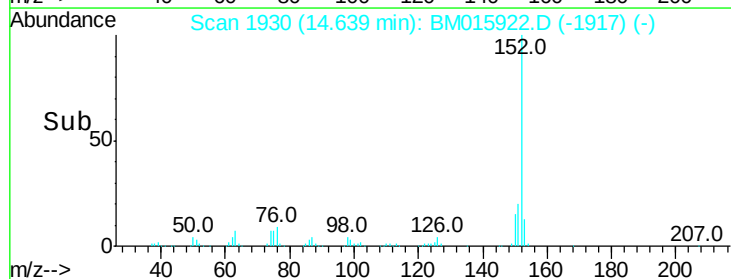
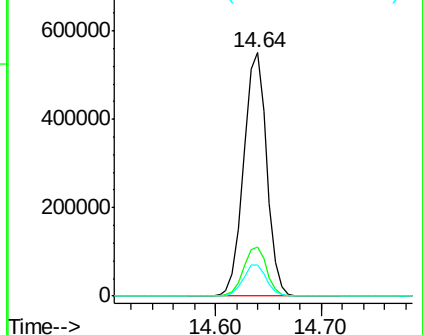
153 12.8 10.6 16.0

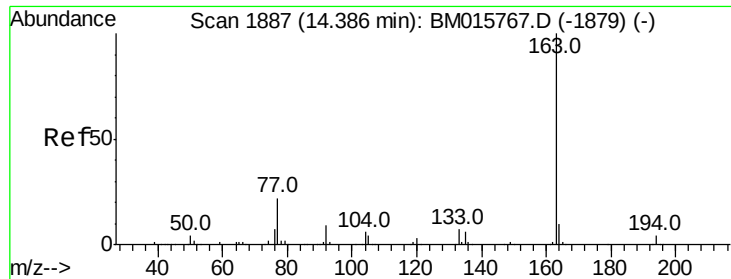


Abundance Ion 152.00 (151.70 to 152.70): BM015767.D (-1922) (-)

Ion 151.00 (150.70 to 151.70): BM015767.D (-1922) (-)

Ion 153.00 (152.70 to 153.70): BM015767.D (-1922) (-)





#49

Dimethylphthalate

Concen: 42.421 ng

RT: 14.36 min Scan# 1883

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

ClientSampleId :

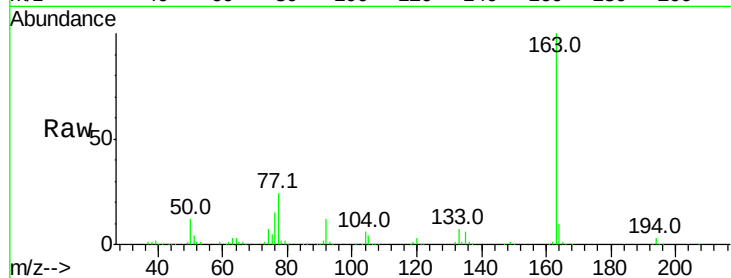
Tot Ion:163 Resp: 636503

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

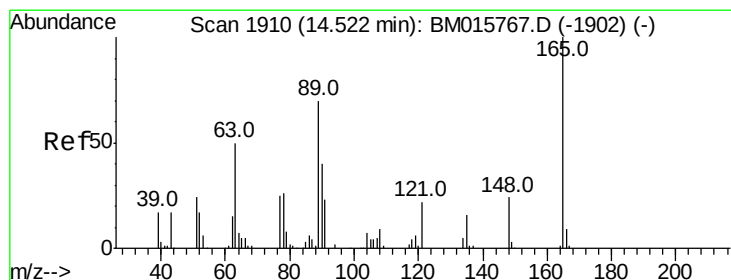
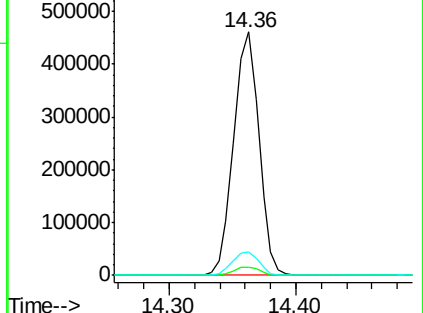
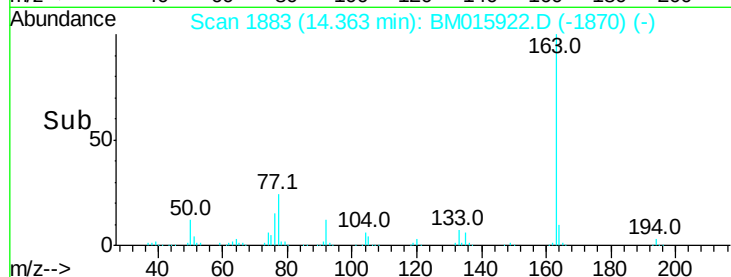
164 9.7 8.2 12.2



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: 45.422 ng

RT: 14.50 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

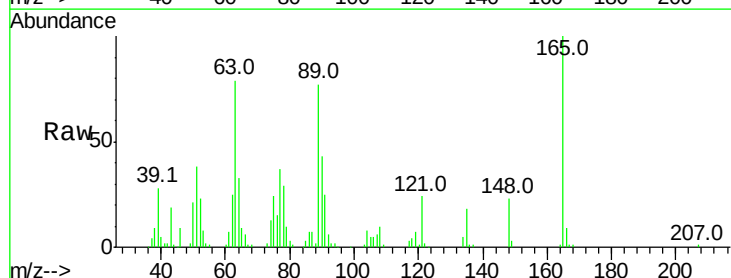
Tgt Ion:165 Resp: 132883

Ion Ratio Lower Upper

165 100

63 79.4 44.1 66.1#

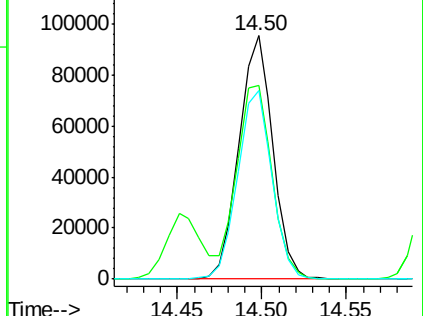
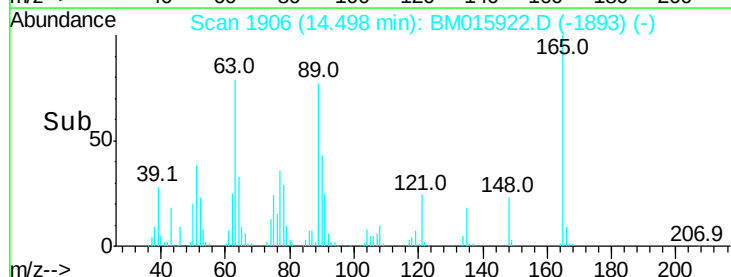
89 77.5 44.3 66.5#

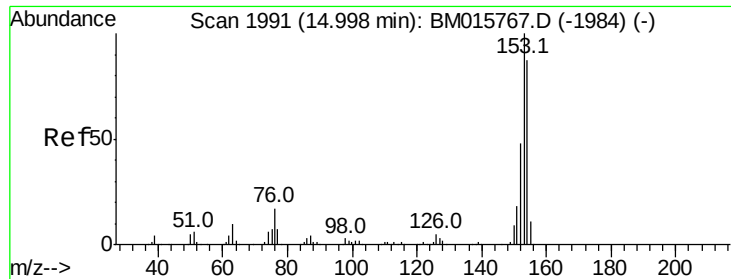


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 42.993 ng

RT: 14.97 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

ClientSampleId :

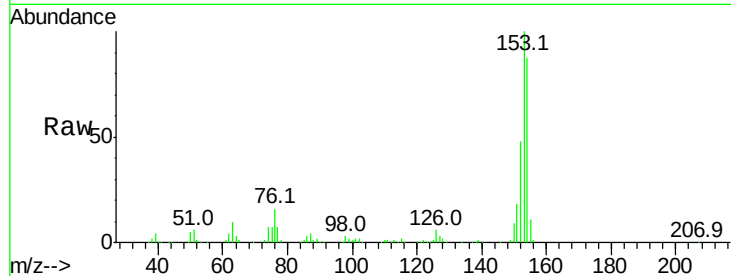
Tot Ion:154 Resp: 478634

Ion Ratio Lower Upper

154 100

153 115.1 90.0 135.0

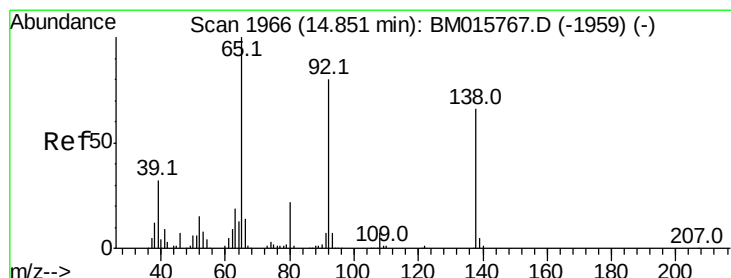
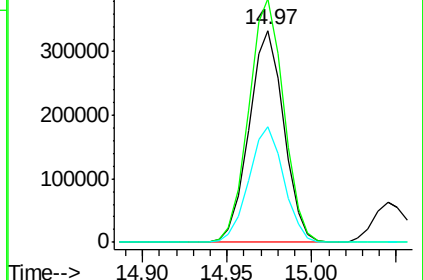
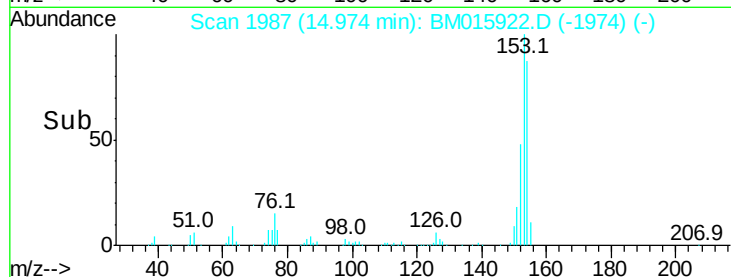
152 54.8 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.394 ng

RT: 14.83 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

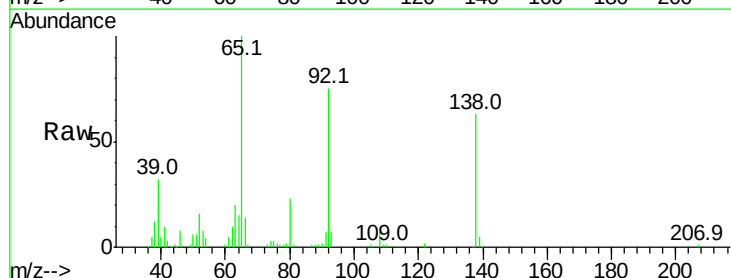
Tgt Ion:138 Resp: 90922

Ion Ratio Lower Upper

138 100

108 11.5 7.3 10.9#

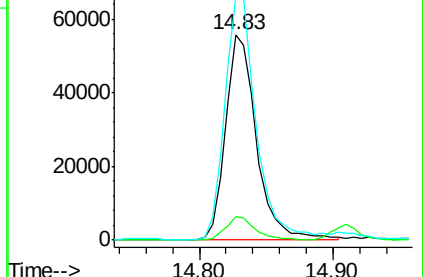
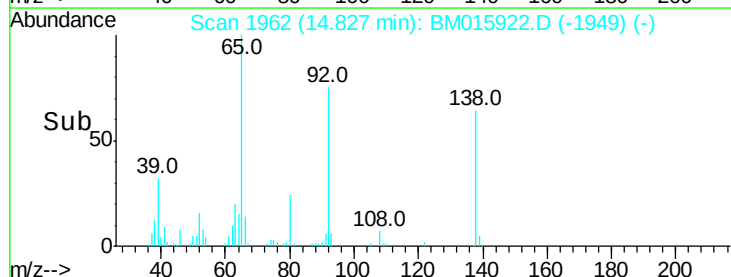
92 118.5 76.6 114.8#

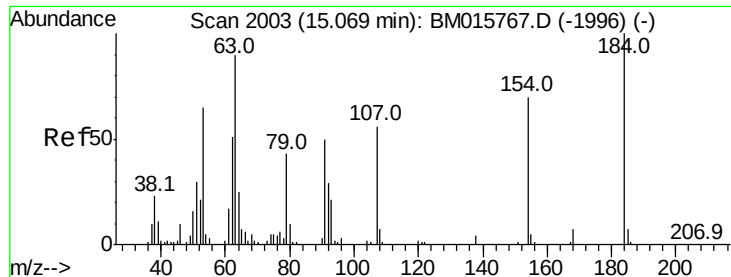


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#53

2,4-Dinitrophenol

Concen: 75.825 ng

RT: 15.04 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

ClientSampled :

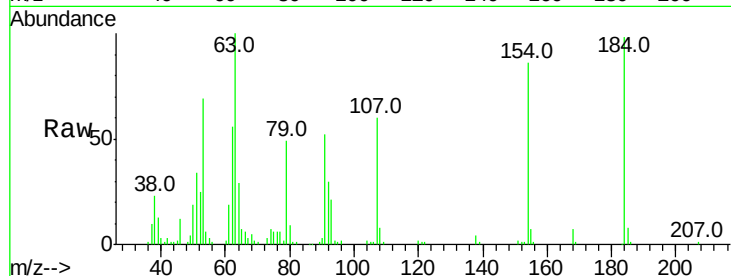
Tot Ion:184 Resp: 110422

Ion Ratio Lower Upper

184 100

63 102.2 69.2 103.8

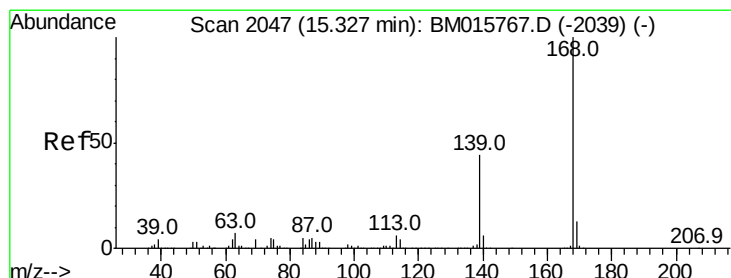
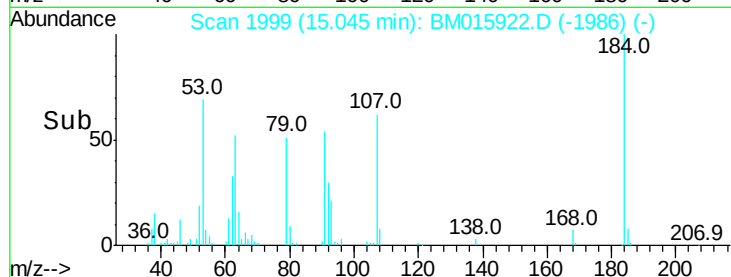
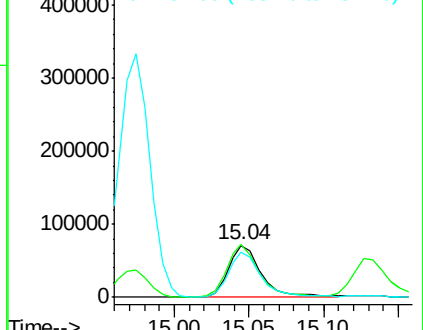
154 87.9 53.3 79.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 44.703 ng

RT: 15.30 min Scan# 2043

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

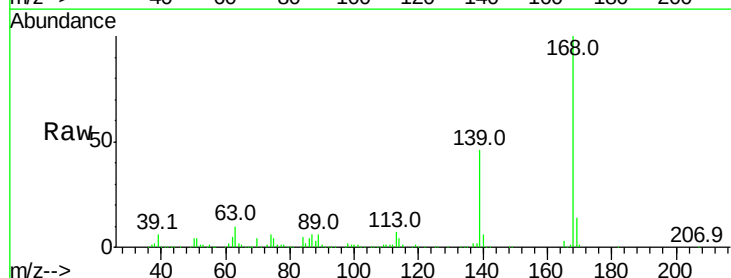
Tgt Ion:168 Resp: 766875

Ion Ratio Lower Upper

168 100

139 45.9 27.3 40.9#

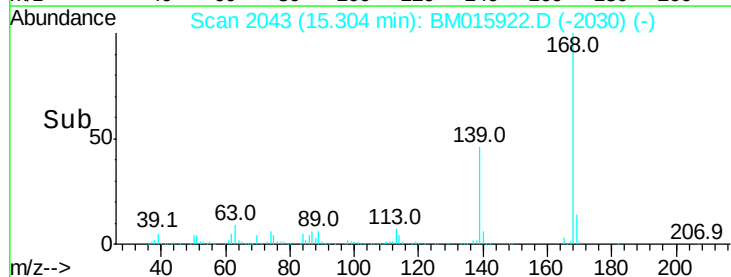
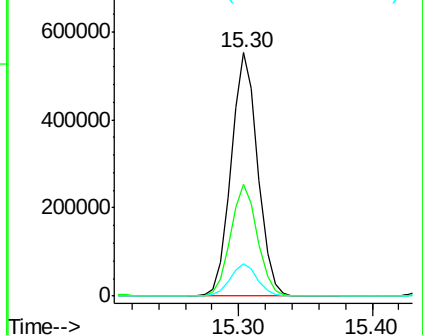
169 13.6 10.6 16.0

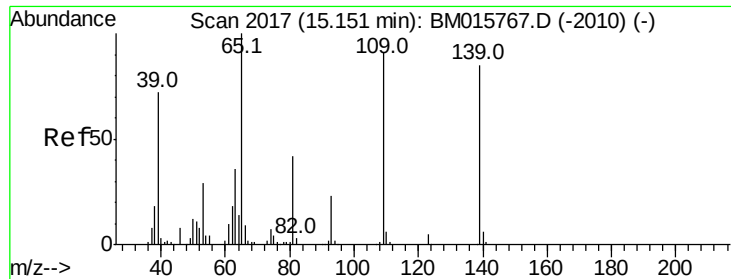


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 79.974 ng

RT: 15.13 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

ClientSampleId :

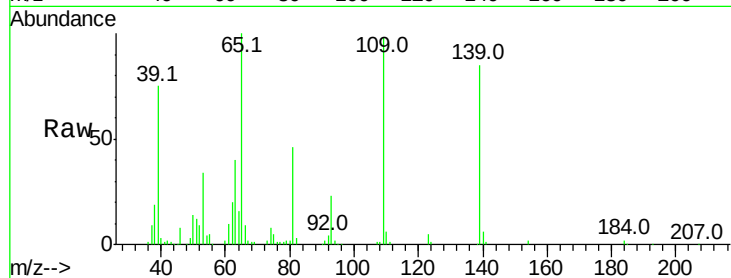
Tot Ion:139 Resp: 188999

Ion Ratio Lower Upper

139 100

109 115.2 130.0 170.0#

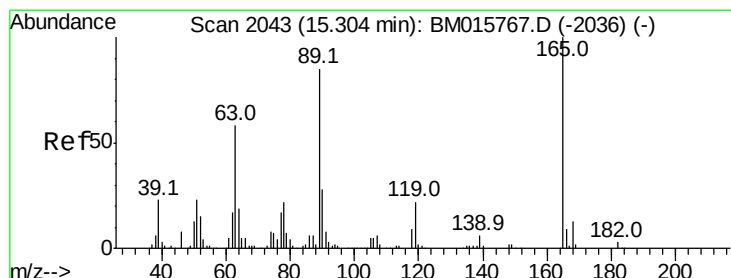
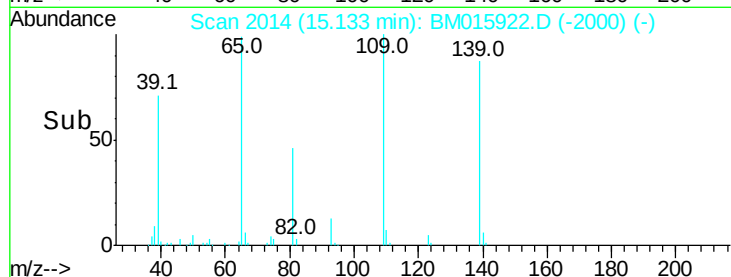
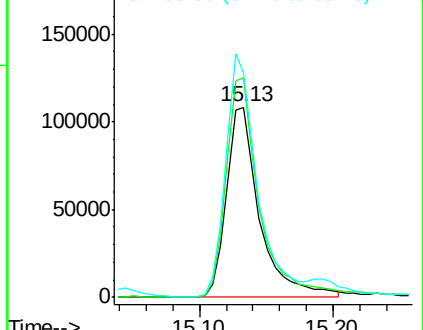
65 117.8 130.0 170.0#



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: 42.770 ng

RT: 15.29 min Scan# 2040

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Tgt Ion:165 Resp: 180645

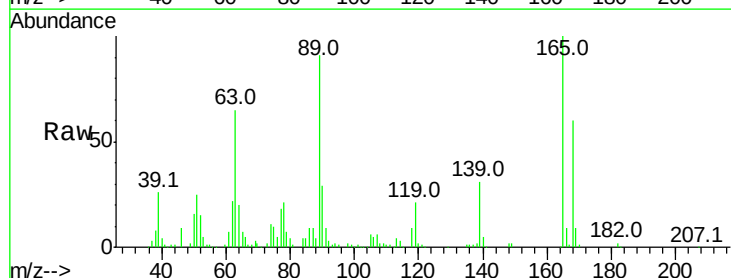
Ion Ratio Lower Upper

165 100

63 64.7 52.4 78.6

89 90.7 72.4 108.6

182 2.4 2.0 3.0

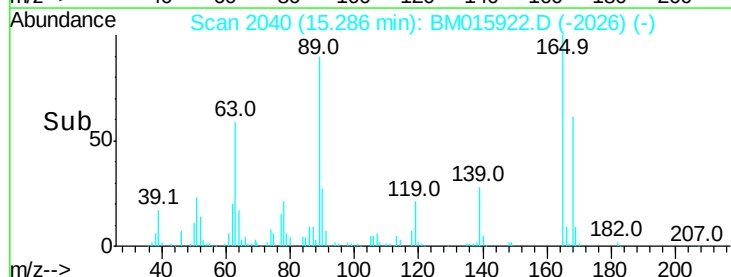
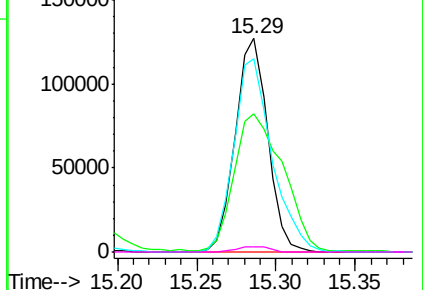


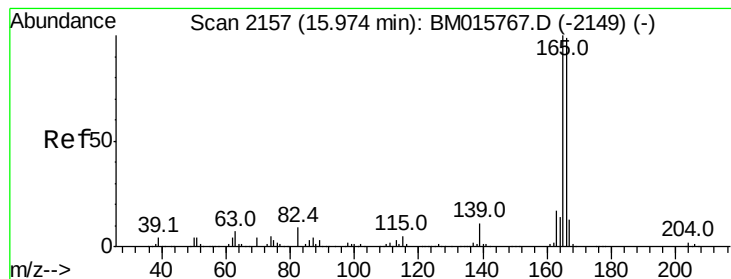
Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.531 ng

RT: 15.95 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

ClientSampled :

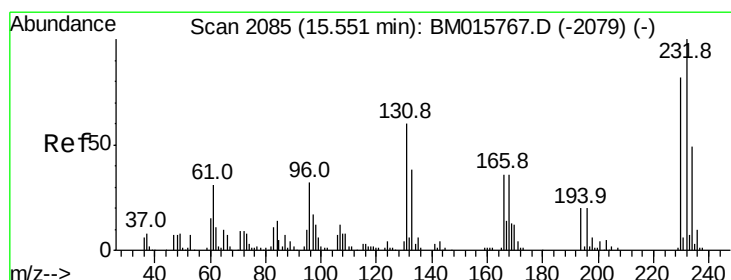
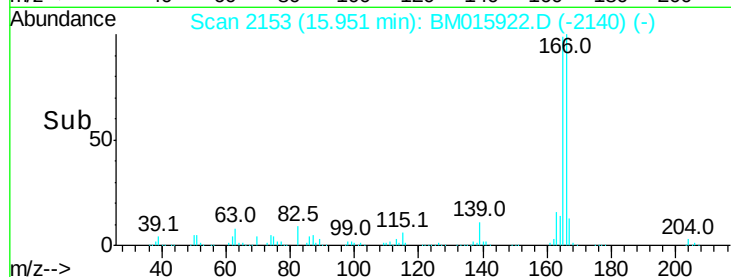
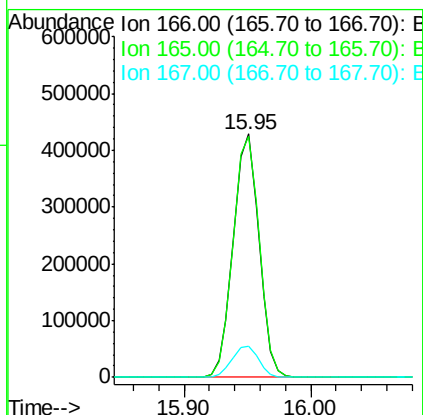
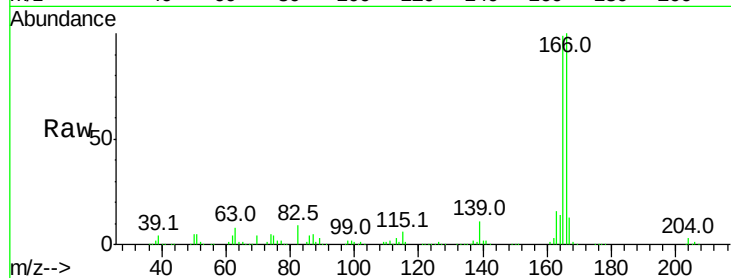
Tot Ion:166 Resp: 601669

Ion Ratio Lower Upper

166 100

165 99.1 79.0 118.4

167 13.0 10.3 15.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.979 ng

RT: 15.53 min Scan# 2081

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Tgt Ion:232 Resp: 141520

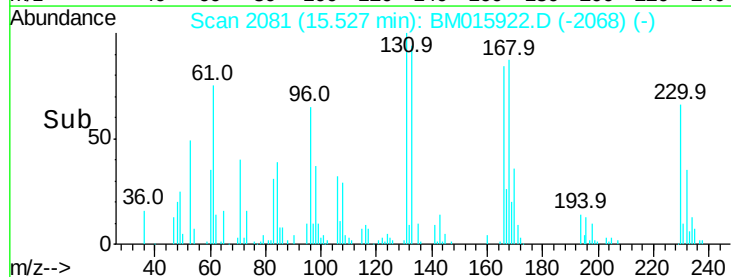
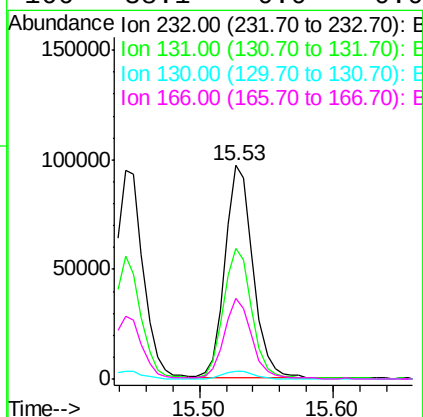
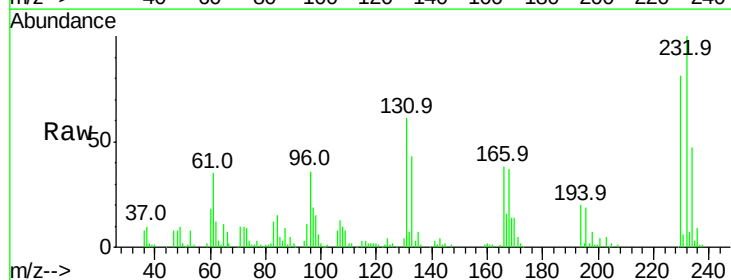
Ion Ratio Lower Upper

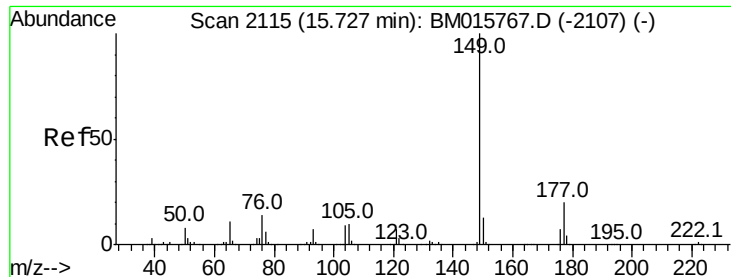
232 100

131 62.1 0.0 0.0#

130 4.0 0.0 0.0#

166 38.1 0.0 0.0#

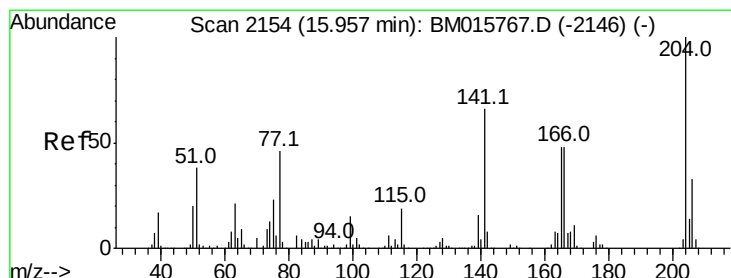
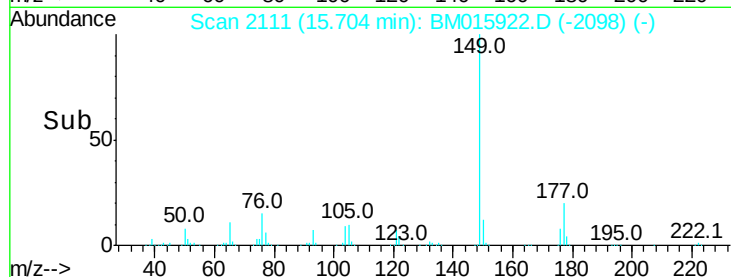
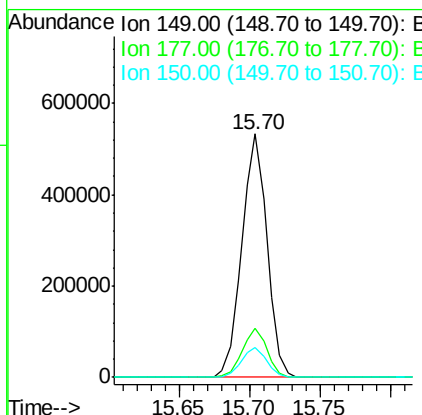
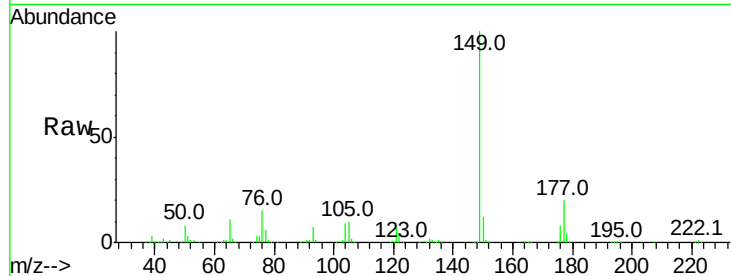




#59
Diethylphthalate
Concen: 41.318 ng
RT: 15.70 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

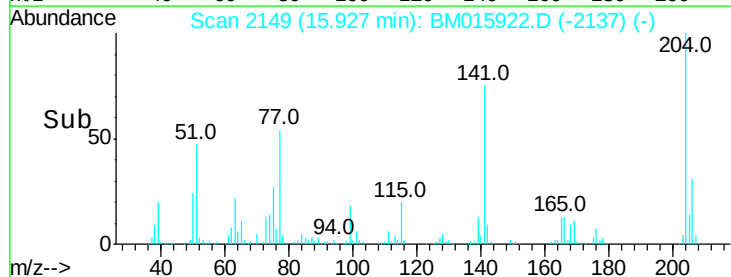
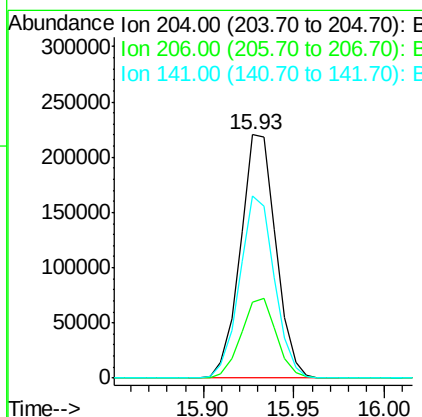
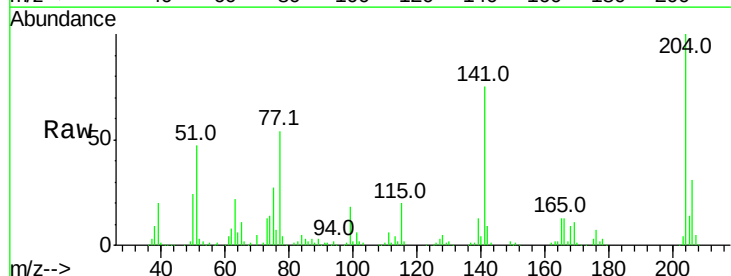
Instrument :
BNA_M
ClientSampleId :

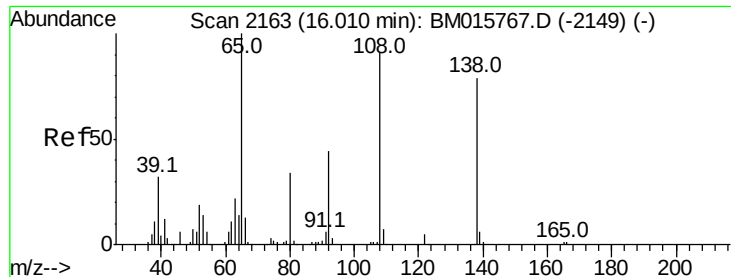
Tot Ion:149 Resp: 664364
Ion Ratio Lower Upper
149 100
177 20.1 18.3 27.5
150 12.5 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 41.172 ng
RT: 15.93 min Scan# 2149
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion:204 Resp: 299702
Ion Ratio Lower Upper
204 100
206 31.2 26.6 39.8
141 75.0 45.2 67.8#

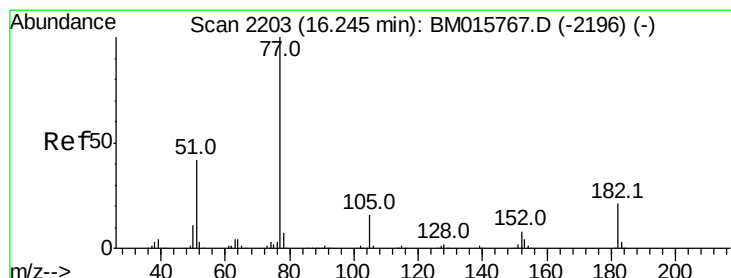
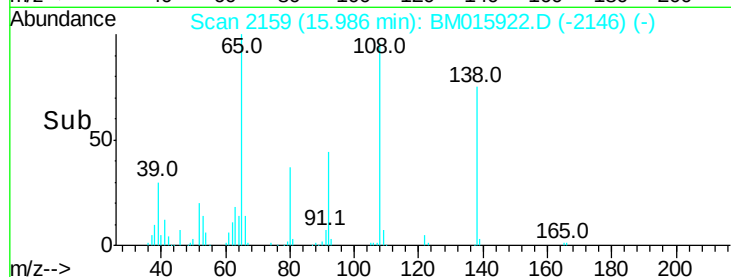
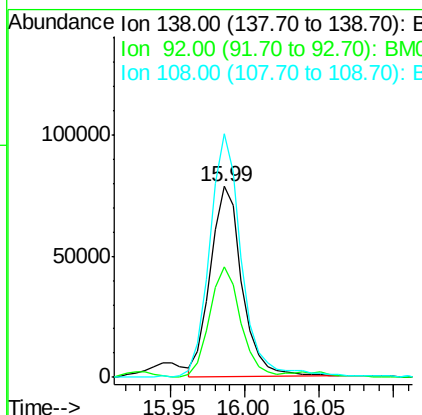
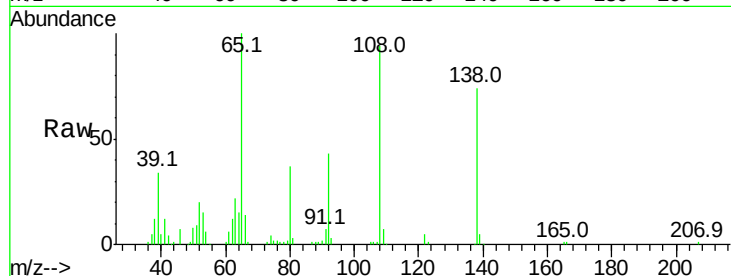




#61
4-Nitroaniline
Concen: 34.998 ng
RT: 15.99 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

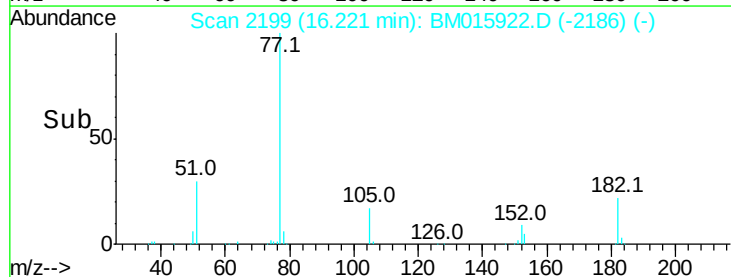
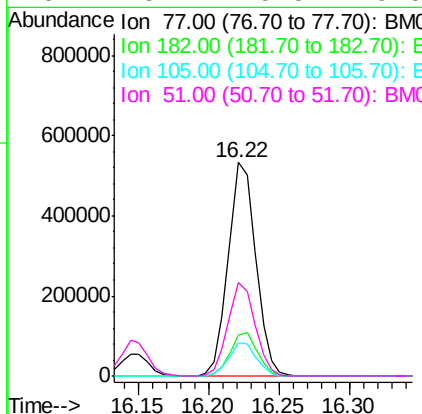
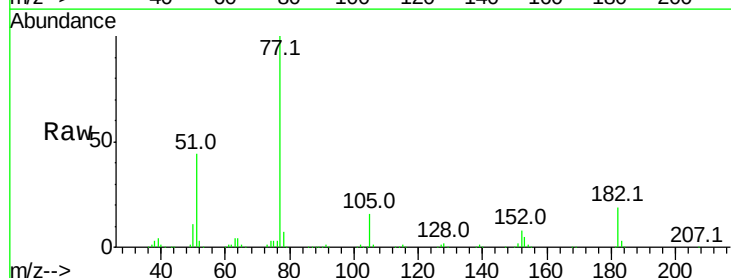
Instrument :
BNA_M
ClientSampled :

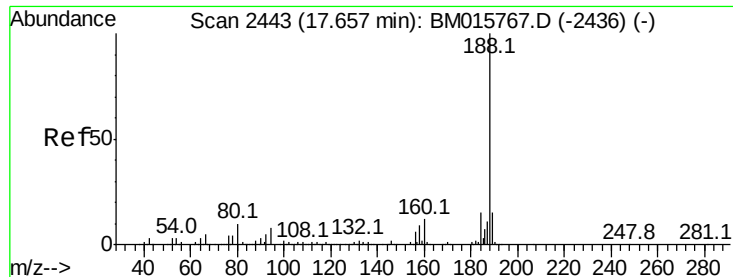
Tot Ion:138 Resp: 116260
Ion Ratio Lower Upper
138 100
92 57.9 16.7 56.7#
108 127.4 37.6 77.6#



#62
Azobenzene
Concen: 48.171 ng
RT: 16.22 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion: 77 Resp: 726048
Ion Ratio Lower Upper
77 100
182 19.5 6.5 46.5
105 15.6 3.8 43.8
51 43.7 5.5 45.5

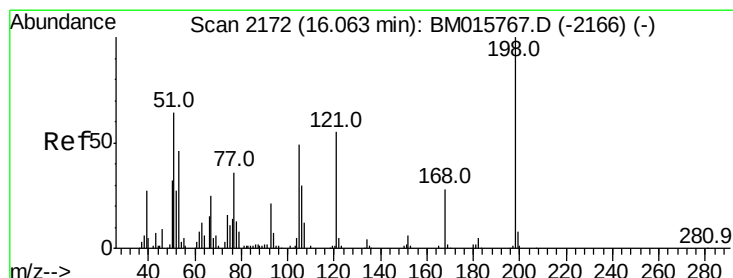
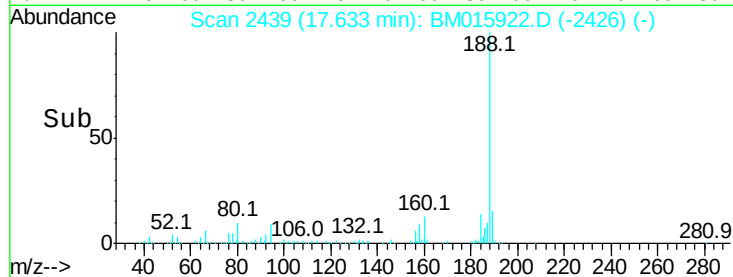
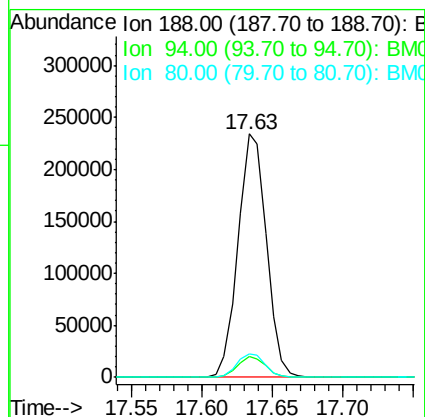
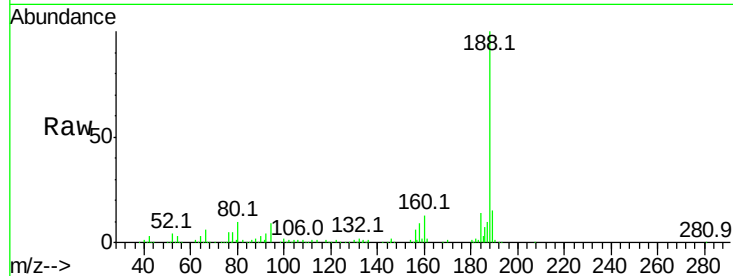




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.63 min Scan# 2439
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

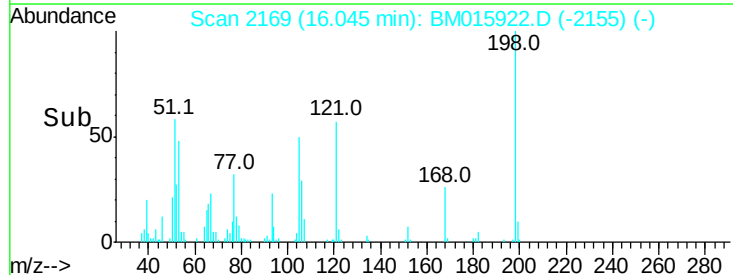
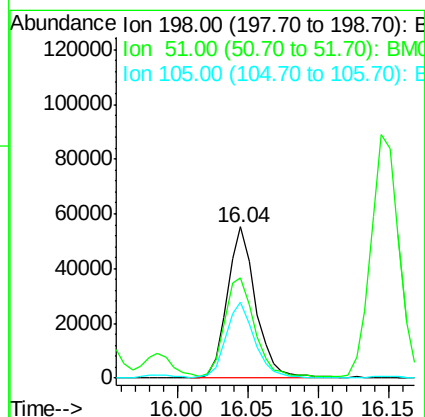
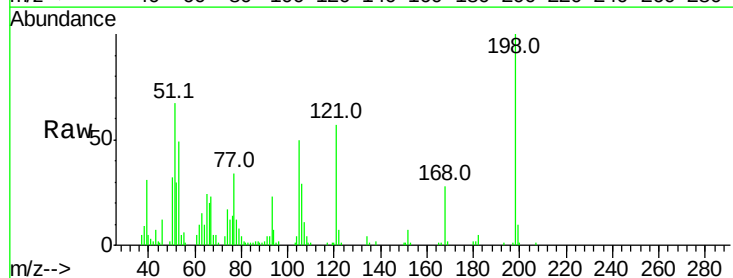
Instrument :
 BNA_M
 ClientSampleId :

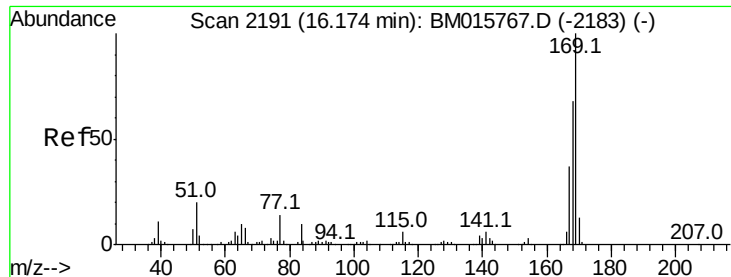
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.7	13.1#
80	9.8	9.3	13.9



#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.967 ng
 RT: 16.04 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
198	100		
51	66.8	28.8	68.8
105	50.0	30.5	70.5

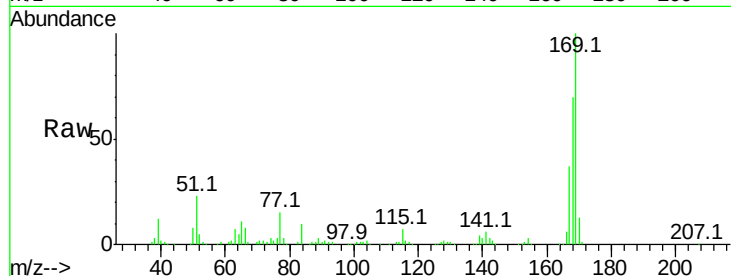




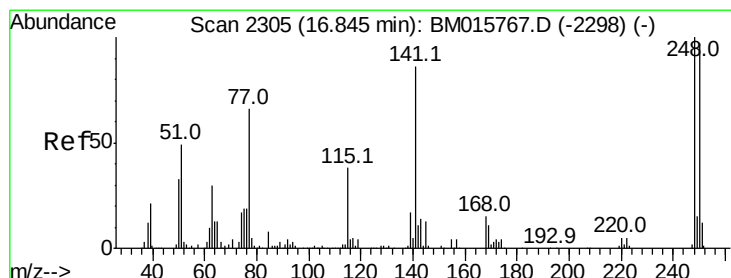
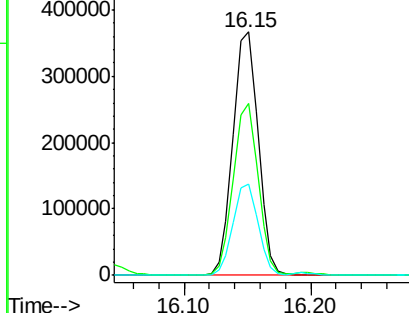
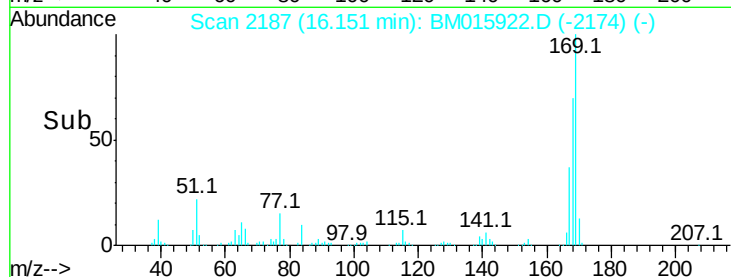
#65
 n-Nitrosodiphenylamine
 Concen: 44.946 ng
 RT: 16.15 min Scan# 2187
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	169	Resp	506767
Ion Ratio	100		
Lower	53.9		
Upper	80.9		
168	70.4		
167	37.4		

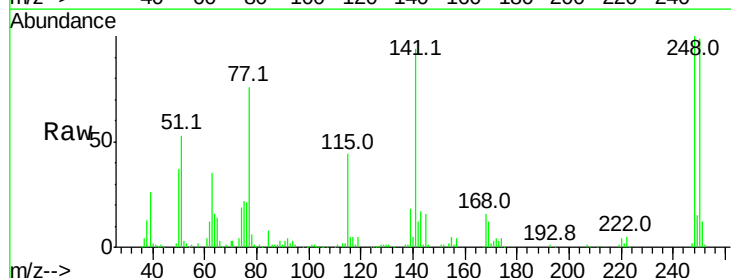


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

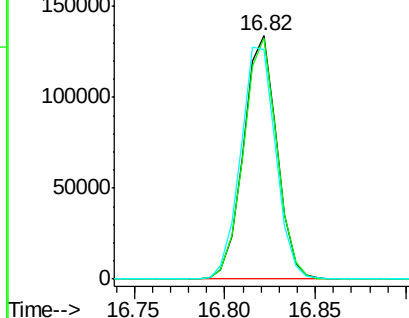
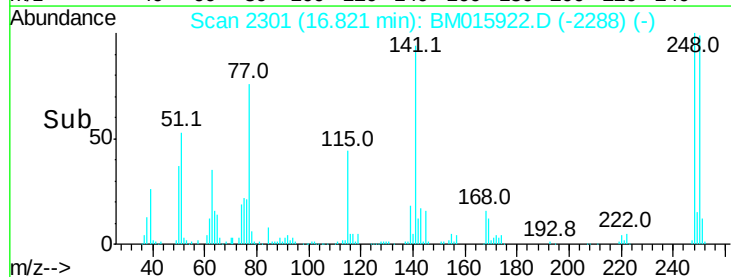


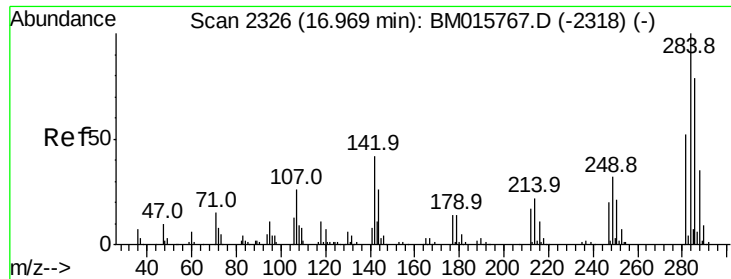
#66
 4-Bromophenyl-phenylether
 Concen: 46.492 ng
 RT: 16.82 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion	248	Resp	170807
Ion Ratio	100		
Lower	77.4		
Upper	116.0		
250	99.2		
141	94.3		



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

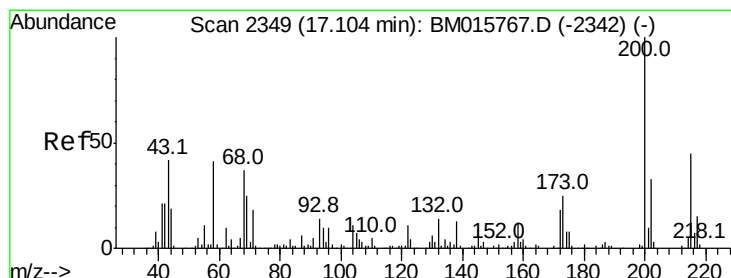
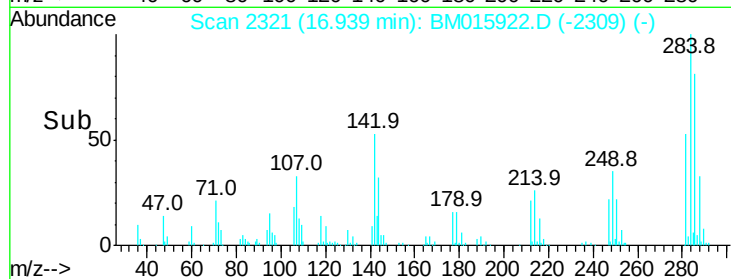
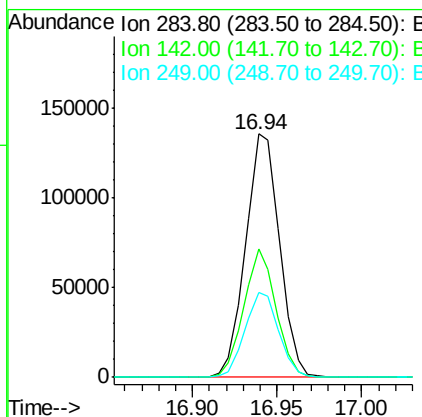
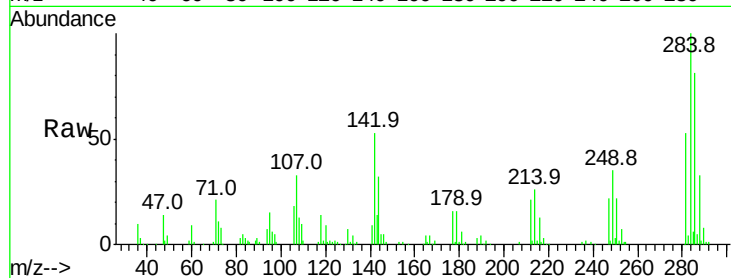




#67
Hexachlorobenzene
Concen: 46.378 ng
RT: 16.94 min Scan# 2321
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

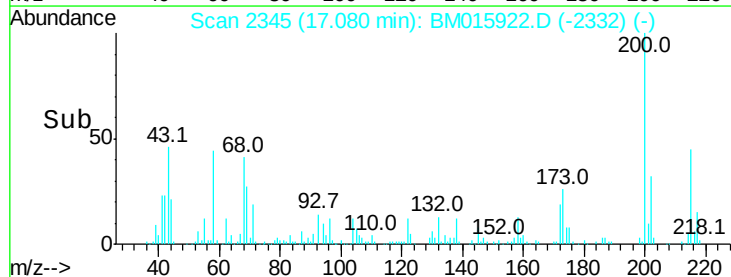
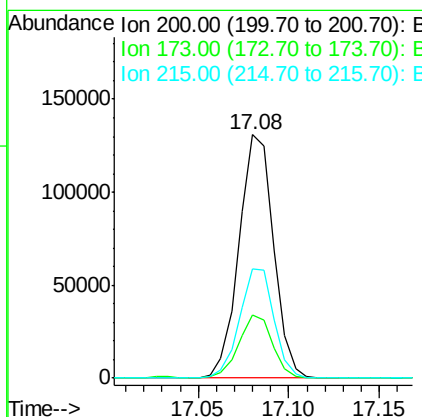
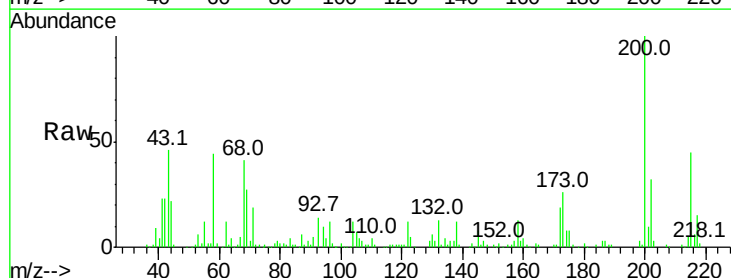
Instrument :
BNA_M
ClientSampleId :

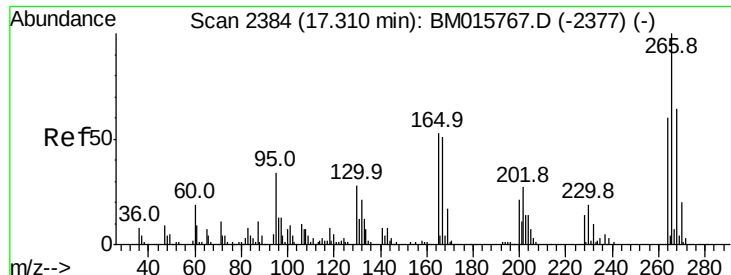
Tot Ion:284 Resp: 190400
Ion Ratio Lower Upper
284 100
142 52.9 20.4 30.6#
249 34.6 23.8 35.6



#68
Atrazine
Concen: 46.748 ng
RT: 17.08 min Scan# 2345
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion:200 Resp: 173369
Ion Ratio Lower Upper
200 100
173 25.8 4.8 44.8
215 44.9 26.9 66.9

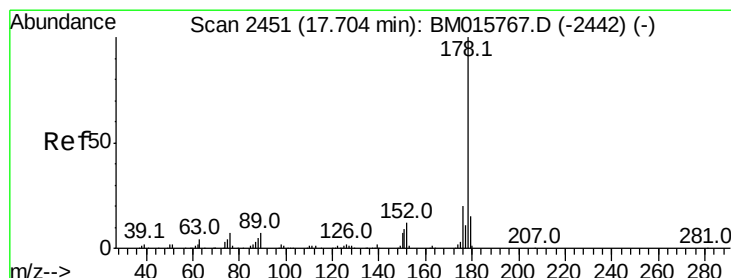
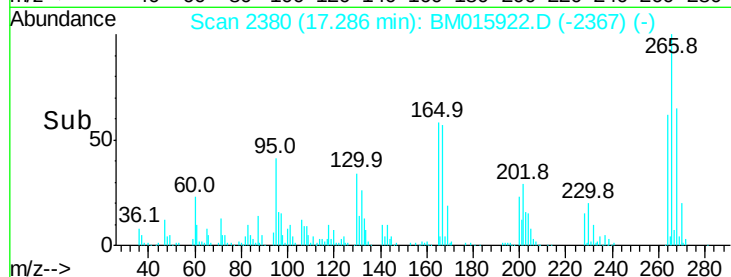
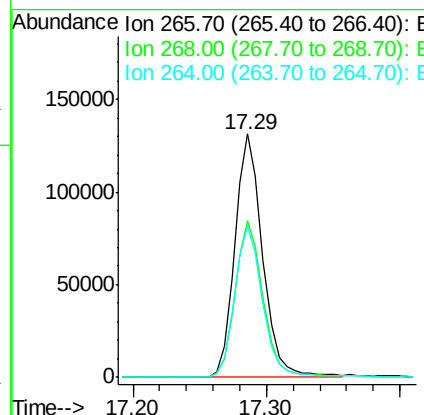
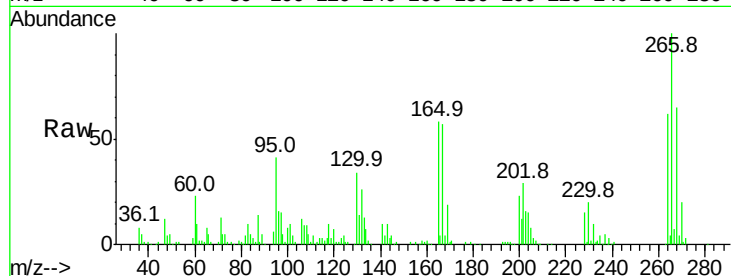




#69
 Pentachlorophenol
 Concen: 75.086 ng
 RT: 17.29 min Scan# 2380
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

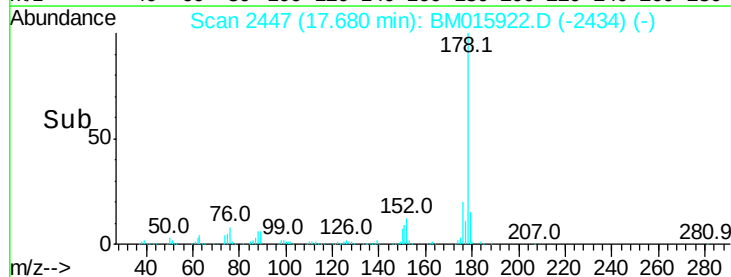
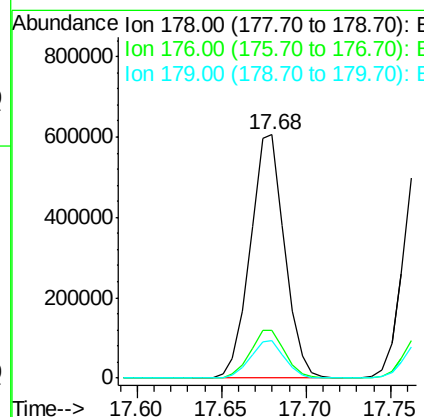
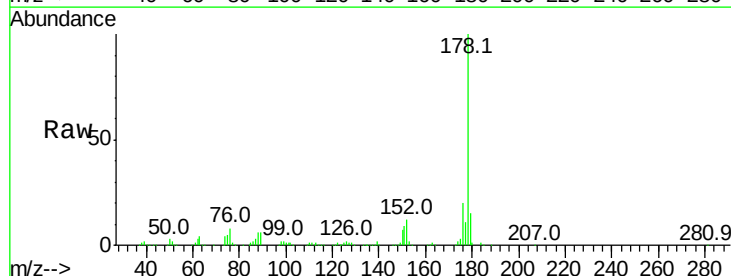
Instrument :
 BNA_M
 ClientSampleId :

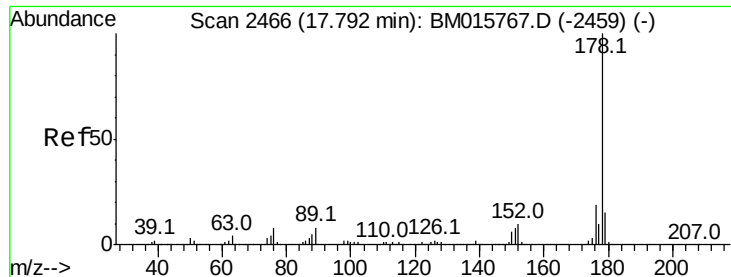
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	52.0	78.0
264	62.4	49.0	73.4



#70
 Phenanthrene
 Concen: 45.518 ng
 RT: 17.68 min Scan# 2447
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.2	22.8
179	15.3	12.1	18.1

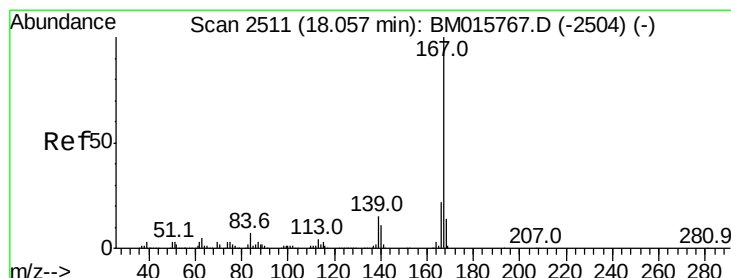
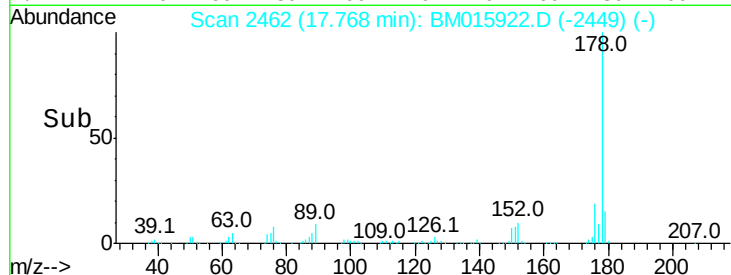
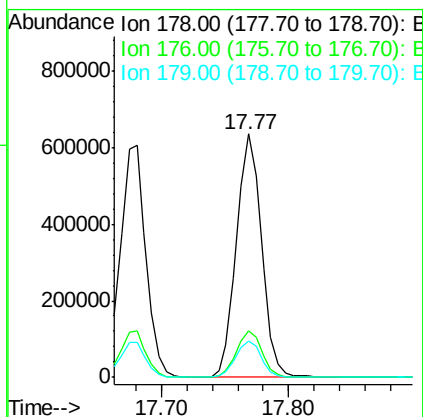
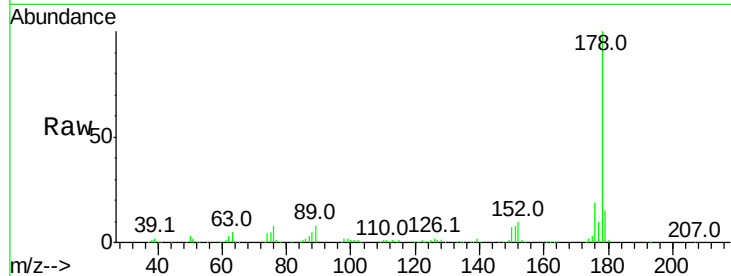




#71
 Anthracene
 Concen: 47.094 ng
 RT: 17.77 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

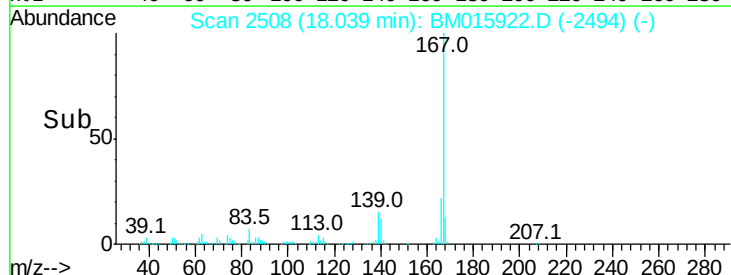
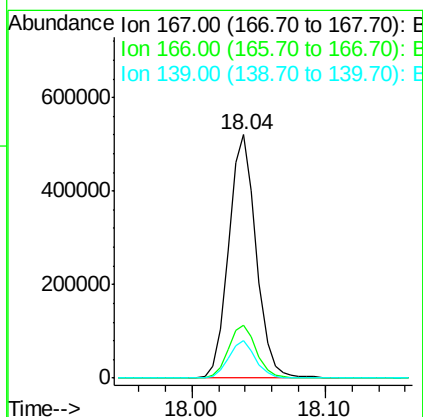
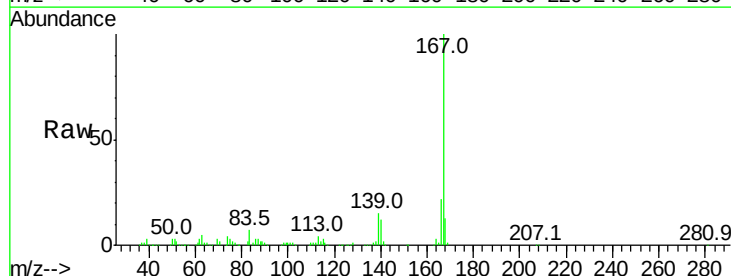
Instrument :
 BNA_M
 ClientSampleId :

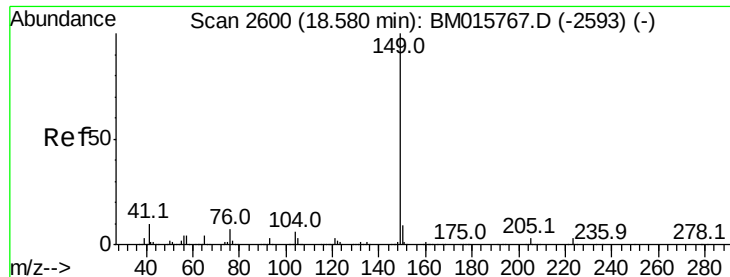
Tot Ion:178 Resp: 870639
 Ion Ratio Lower Upper
 178 100
 176 19.2 14.6 22.0
 179 15.0 12.6 19.0



#72
 Carbazole
 Concen: 43.610 ng
 RT: 18.04 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion:167 Resp: 751293
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 15.3 10.8 16.2

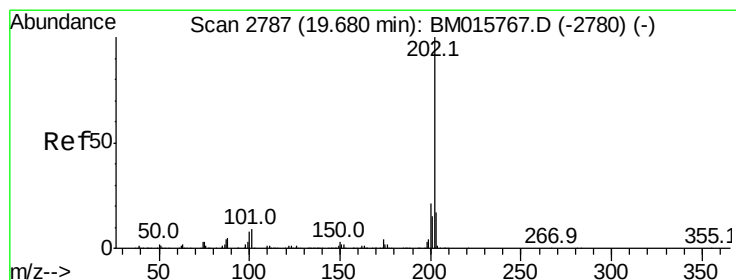
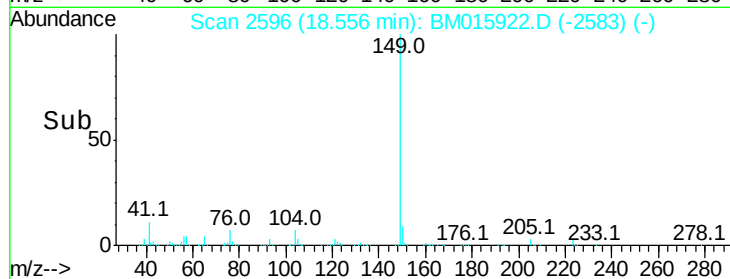
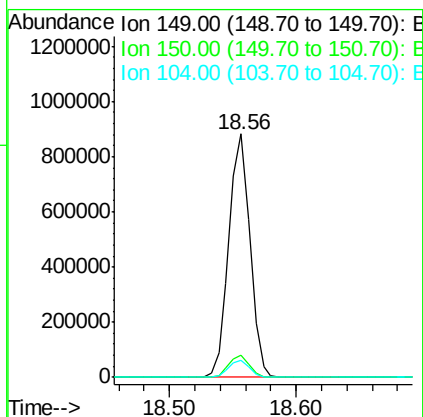
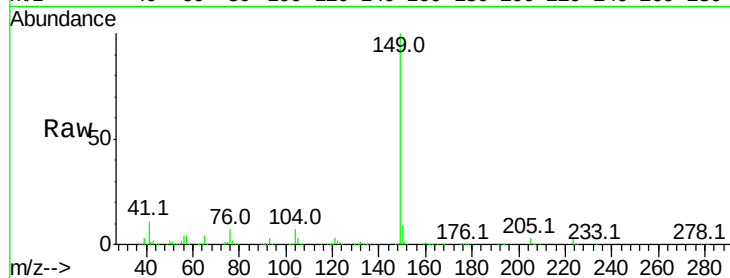




#73
Di-n-butylphthalate
Concen: 43.611 ng
RT: 18.56 min Scan# 2596
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

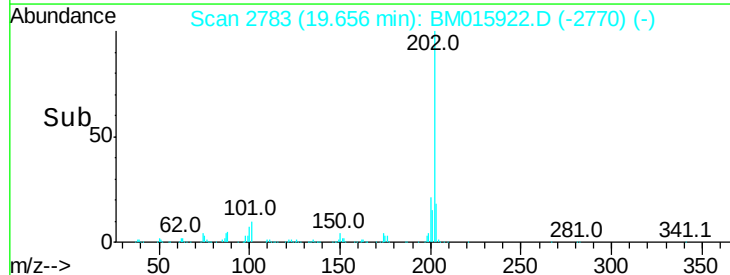
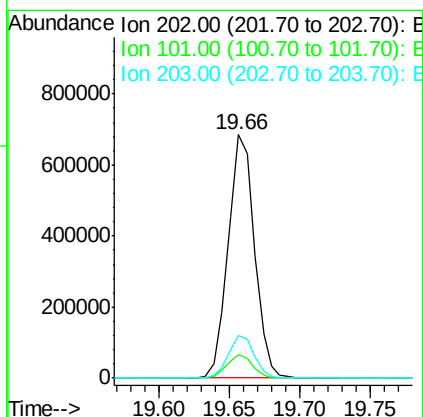
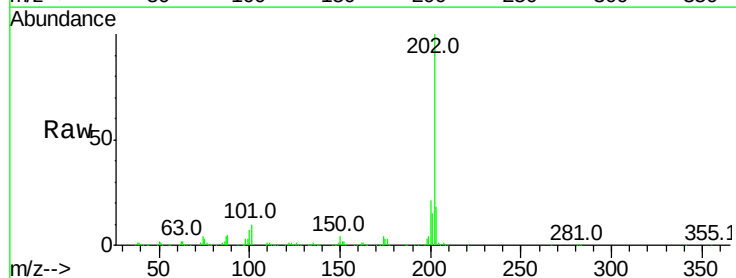
Instrument :
BNA_M
ClientSampled :

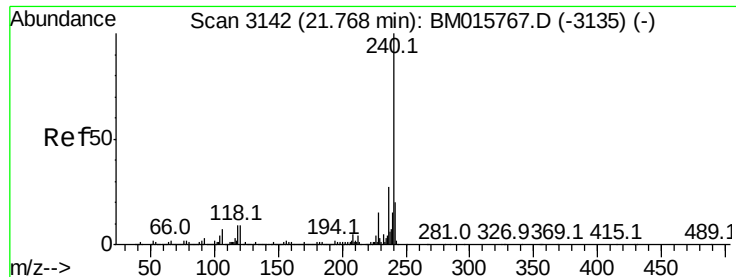
Tot Ion:149 Resp: 1012644
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 6.9 3.7 5.5#



#74
Fluoranthene
Concen: 41.251 ng
RT: 19.66 min Scan# 2783
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion:202 Resp: 892745
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.7
203 17.5 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3138

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

ClientSampleId :

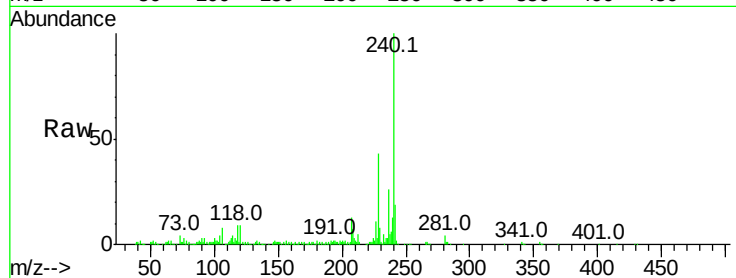
Tot Ion:240 Resp: 294268

Ion Ratio Lower Upper

240 100

120 9.2 8.2 12.2

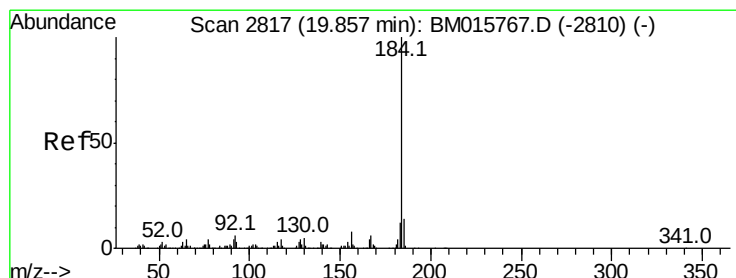
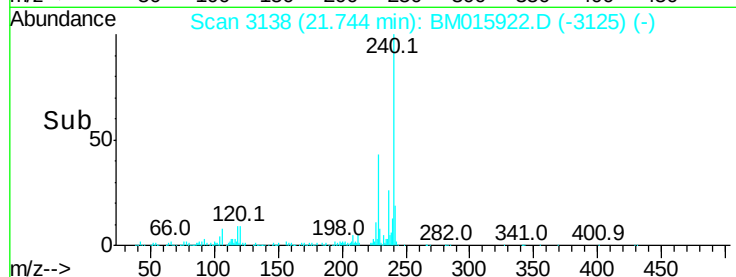
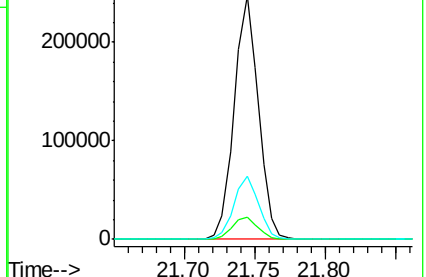
236 25.9 20.0 30.0



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: 52.874 ng

RT: 19.84 min Scan# 2814

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

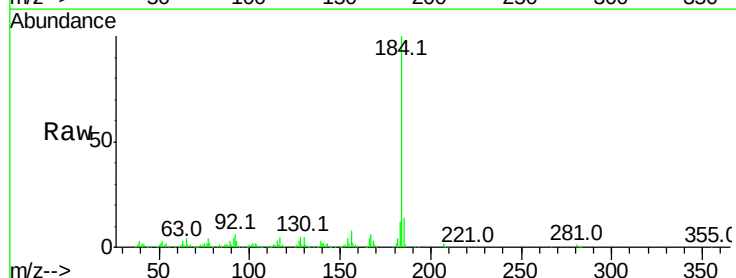
Tgt Ion:184 Resp: 455864

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

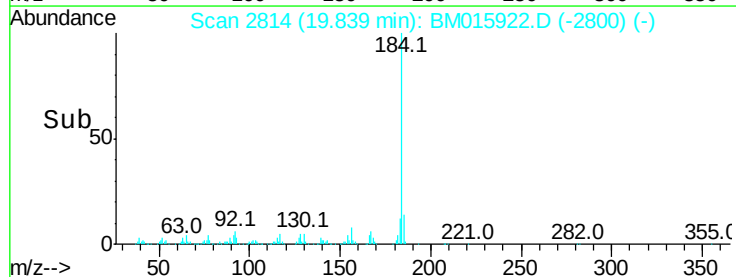
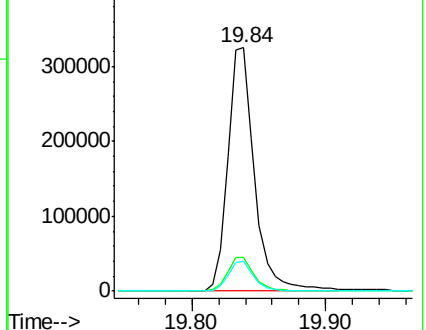
183 12.0 8.9 13.3

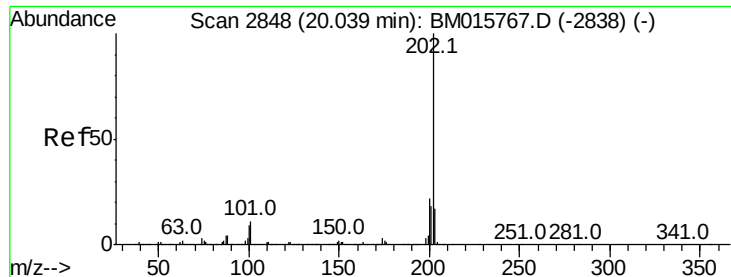


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

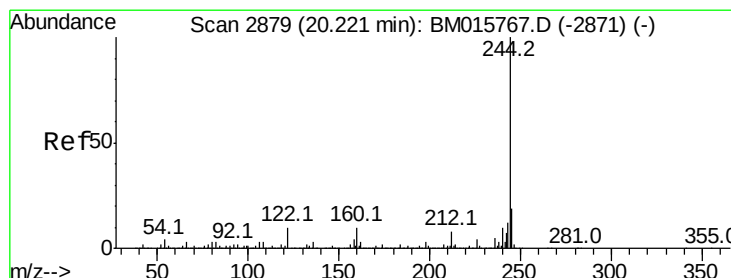
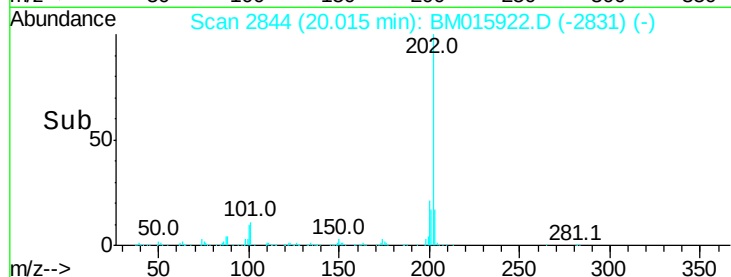
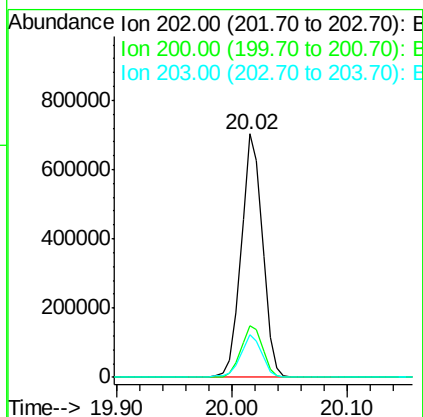
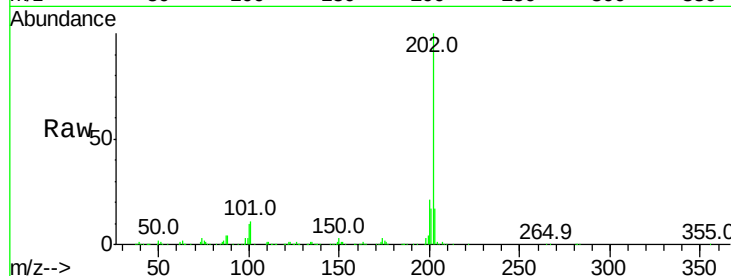




#77
Pvrene
Concen: 49.046 ng
RT: 20.02 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

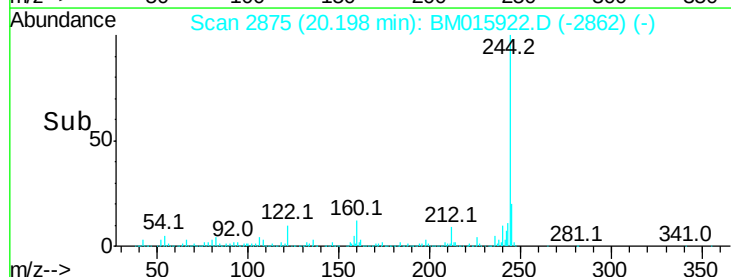
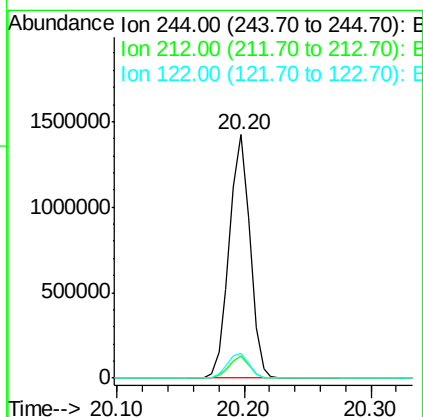
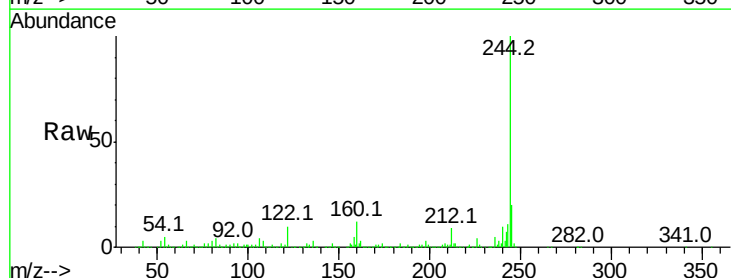
Instrument :
BNA_M
ClientSampleId :

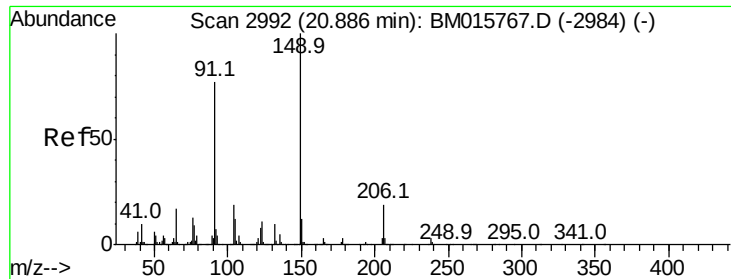
Tot Ion:202 Resp: 899034
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 17.4 14.1 21.1



#78
Terphenyl-d14
Concen: 49.046 ng
RT: 20.20 min Scan# 2875
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion:244 Resp: 1608982
Ion Ratio Lower Upper
244 100
212 8.9 4.9 7.3#
122 10.2 6.2 9.4#

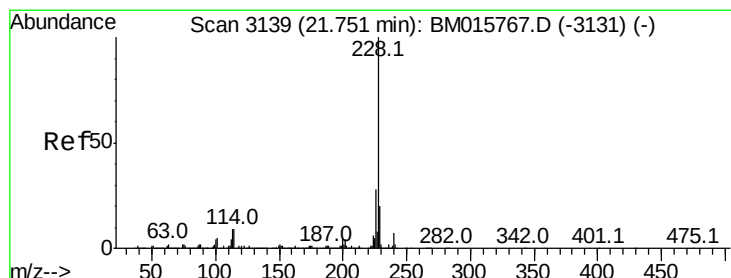
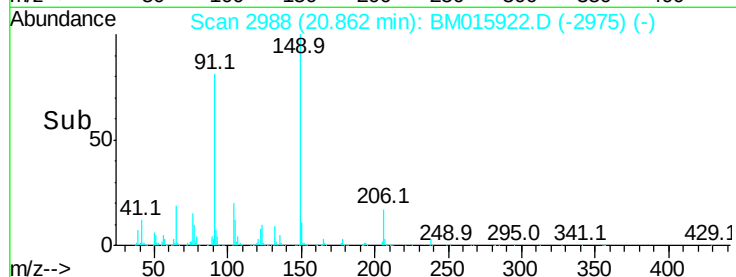
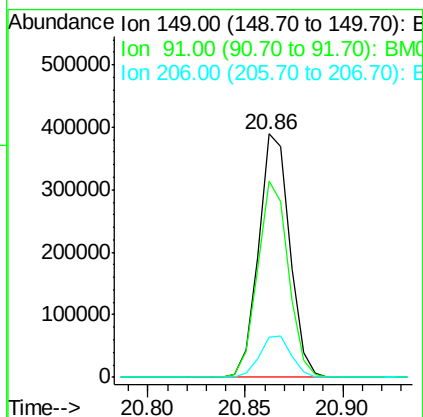
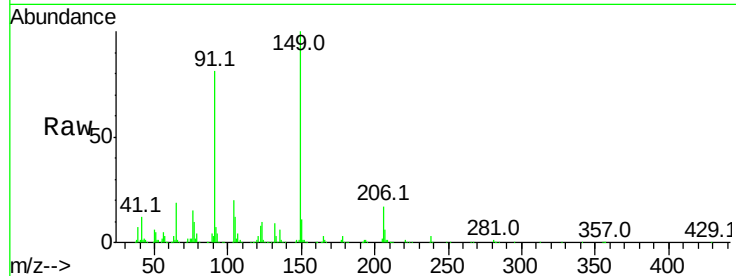




#79
Butylbenzylphthalate
Concen: 48.622 ng
RT: 20.86 min Scan# 2988
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

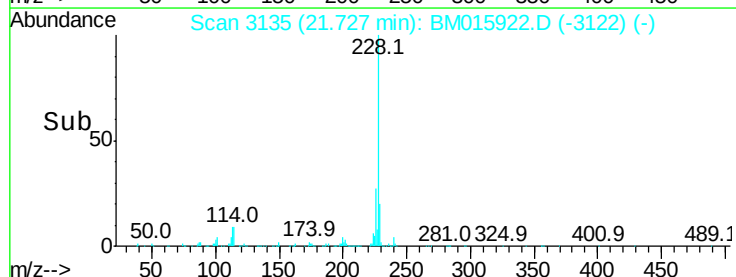
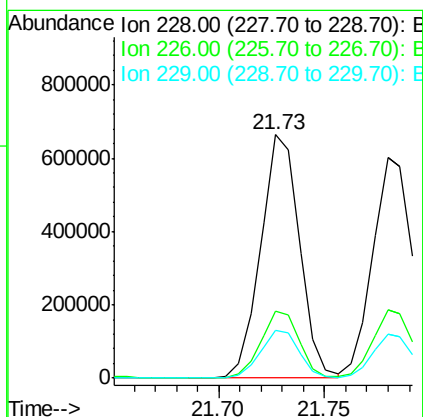
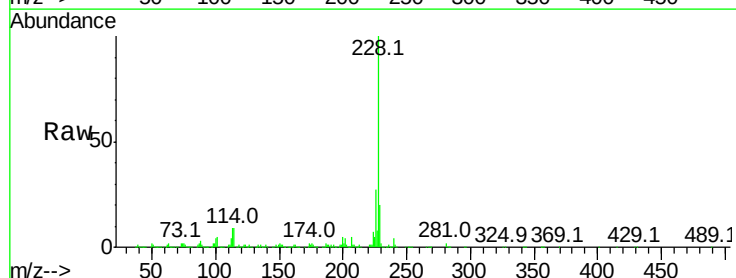
Instrument :
BNA_M
ClientSampled :

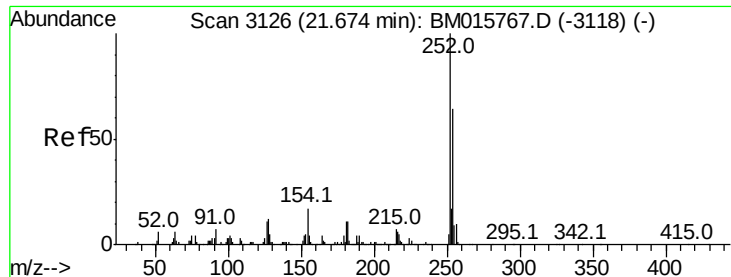
Tot Ion:149 Resp: 430828
Ion Ratio Lower Upper
149 100
91 80.6 50.1 75.1#
206 16.6 16.2 24.2



#80
Benzo(a)anthracene
Concen: 45.668 ng
RT: 21.73 min Scan# 3135
Delta R.T. -0.02 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion:228 Resp: 852040
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 19.5 16.0 24.0

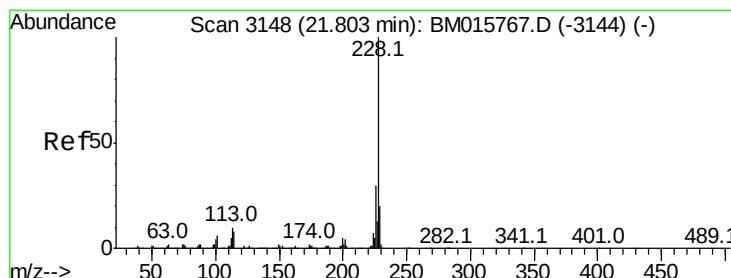
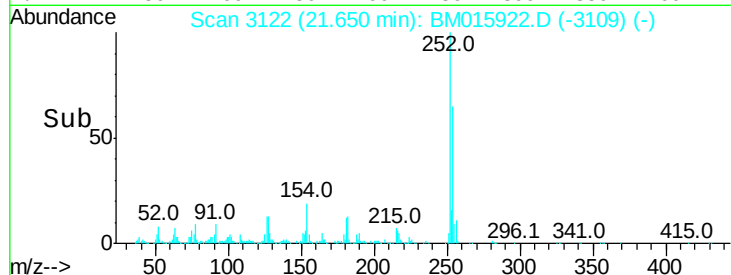
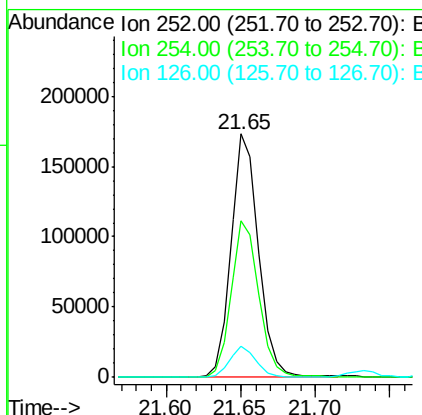
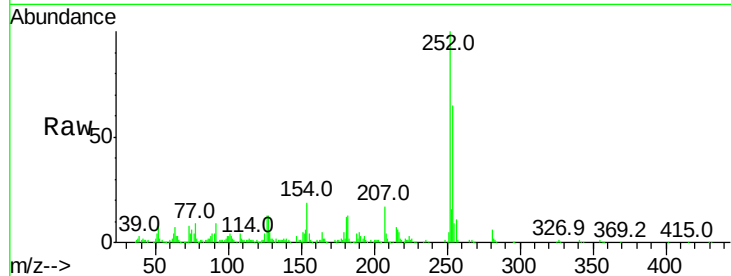




#81
 3,3'-Dichlorobenzidine
 Concen: 33.325 ng
 RT: 21.65 min Scan# 3122
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

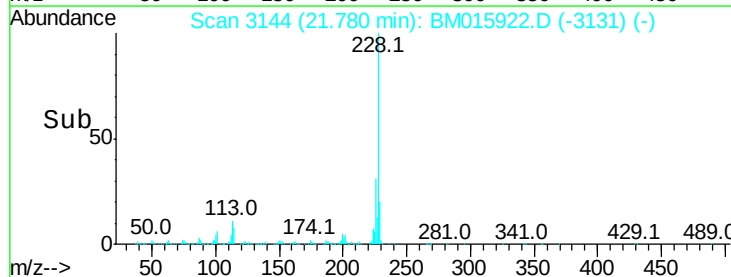
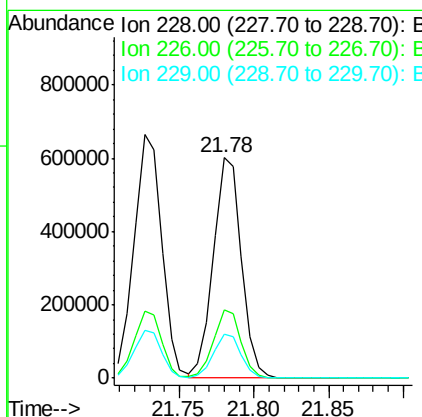
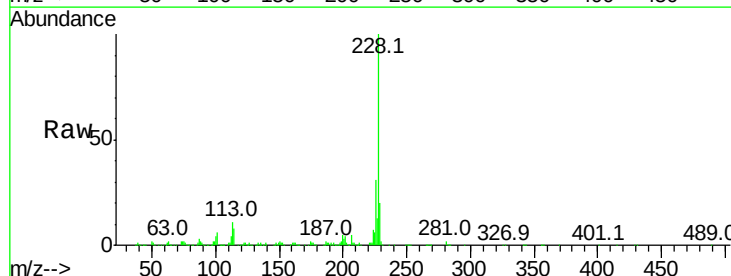
Instrument :
 BNA_M
 ClientSampleId :

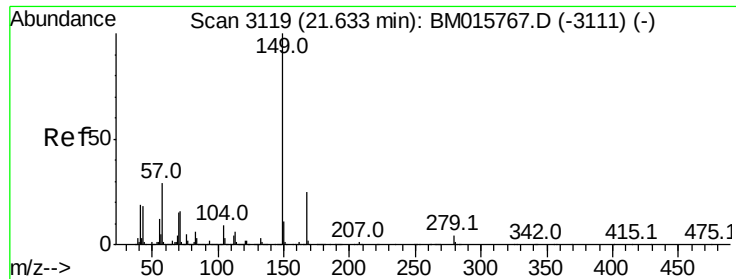
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.9	77.9
126	13.0	9.8	14.8



#82
 Chrysene
 Concen: 45.477 ng
 RT: 21.78 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	20.1	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.216 ng

RT: 21.61 min Scan# 3115

Delta R.T. -0.02 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

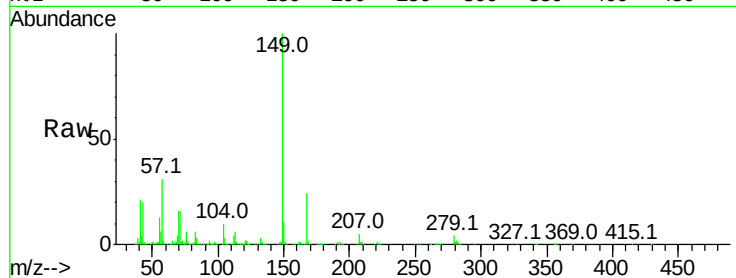
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 605069

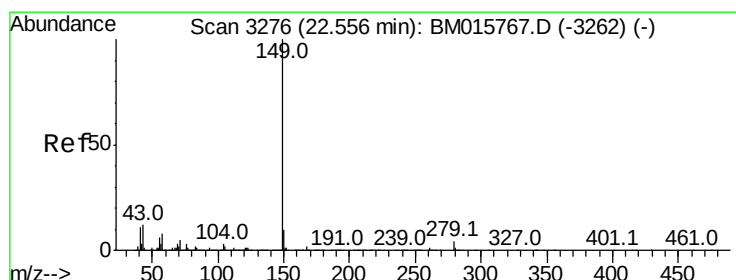
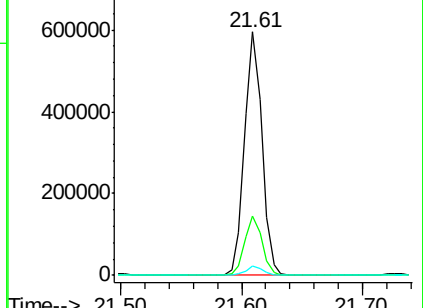
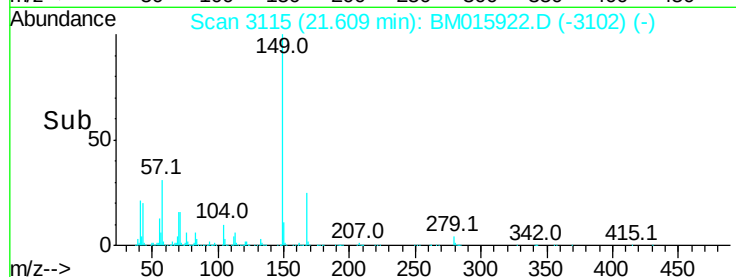
Ion	Ratio	Lower	Upper
149	100		
167	24.5	22.4	33.6
279	3.9	3.4	5.0



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: 46.725 ng

RT: 22.53 min Scan# 3271

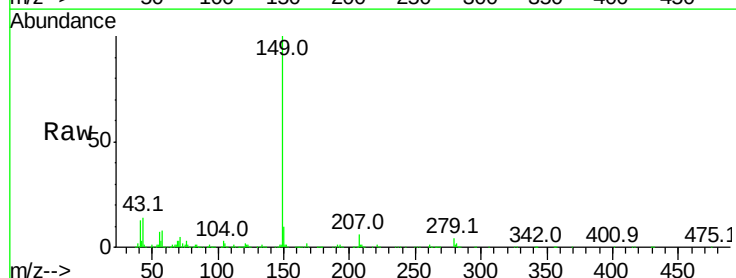
Delta R.T. -0.03 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Tgt Ion:149 Resp: 997470

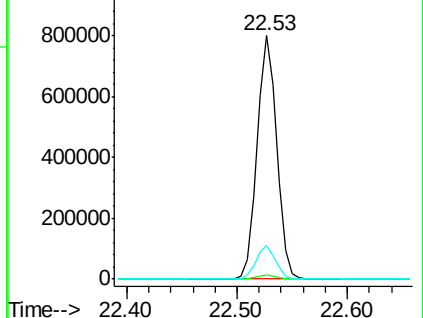
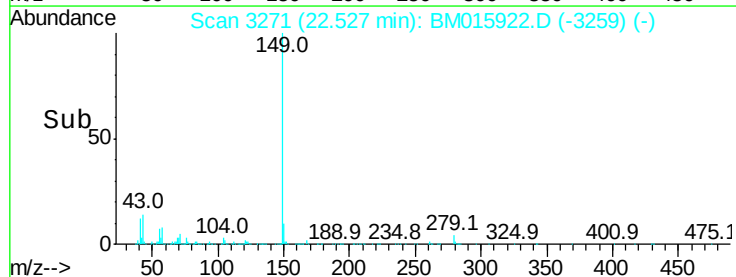
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.7	7.3	10.9#

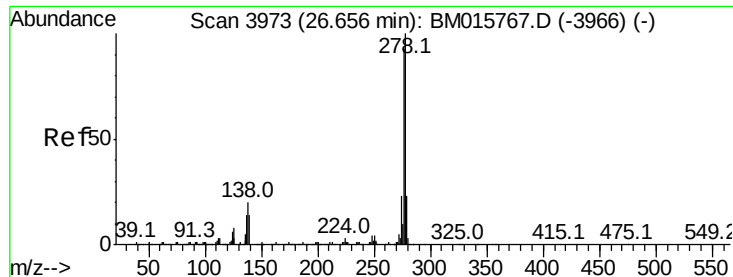


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

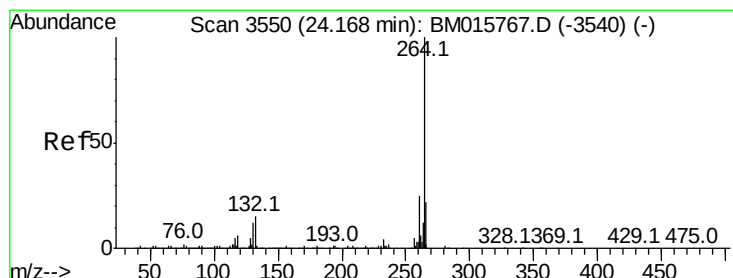
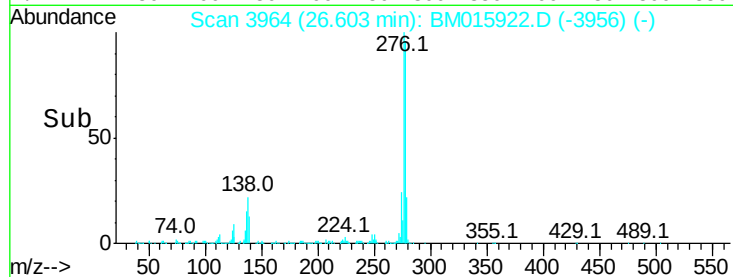
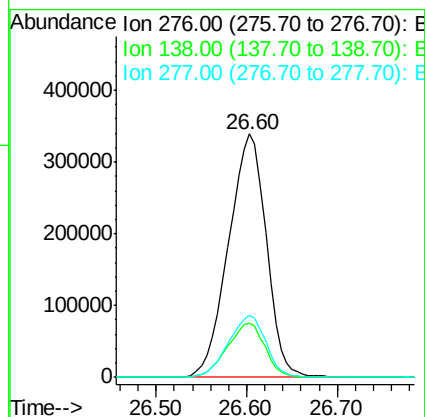
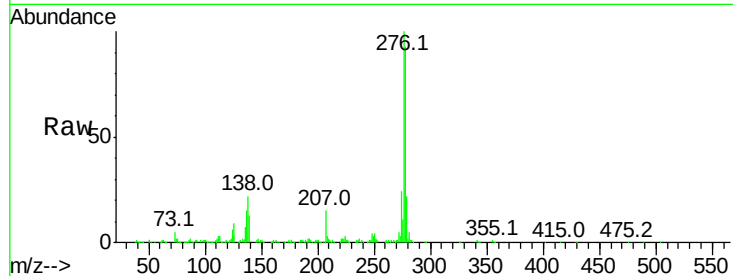




#85
Indeno(1,2,3-cd)pyrene
Concen: 60.234 ng
RT: 26.60 min Scan# 3964
Delta R.T. -0.05 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

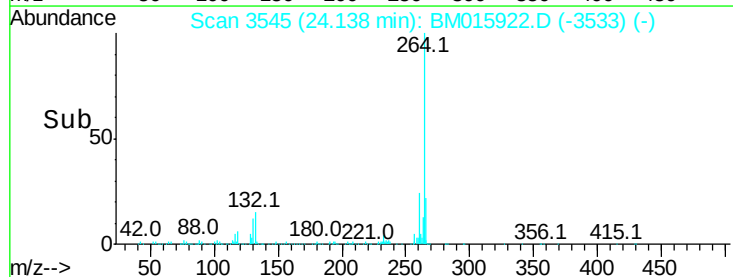
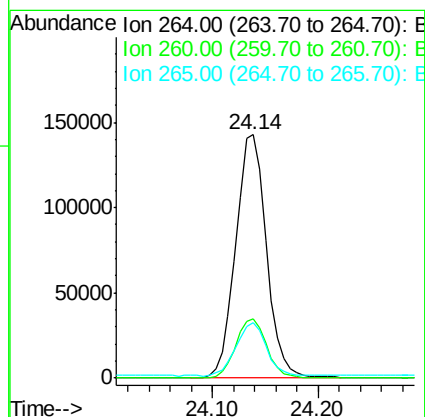
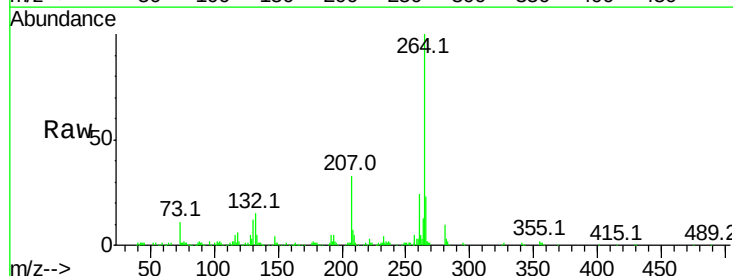
Instrument :
BNA_M
ClientSampled :

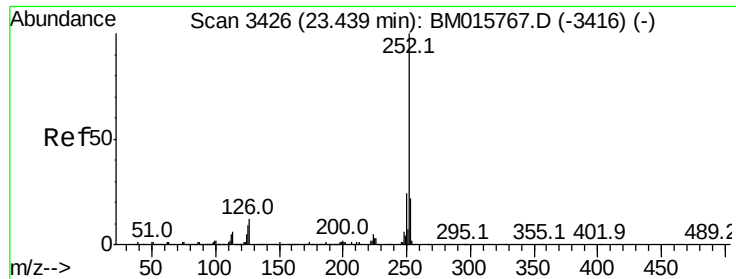
Tot Ion:276 Resp: 972638
Ion Ratio Lower Upper
276 100
138 22.2 12.0 18.0#
277 25.2 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.14 min Scan# 3545
Delta R.T. -0.03 min
Lab File: BM015922.D
Acq: 12 Jul 2018 19:30

Tgt Ion:264 Resp: 288246
Ion Ratio Lower Upper
264 100
260 24.3 18.6 27.8
265 23.0 17.3 25.9

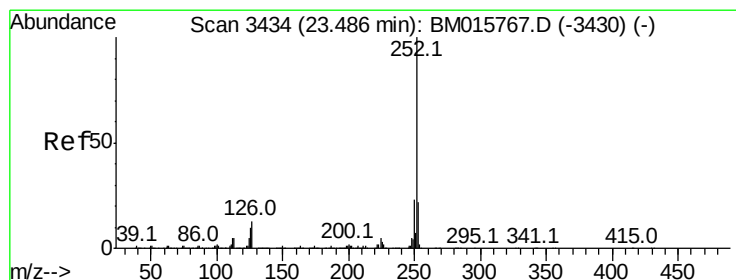
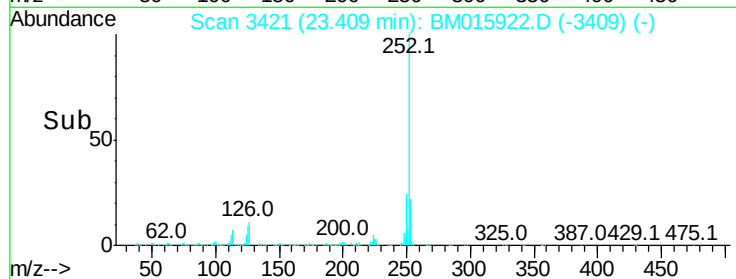
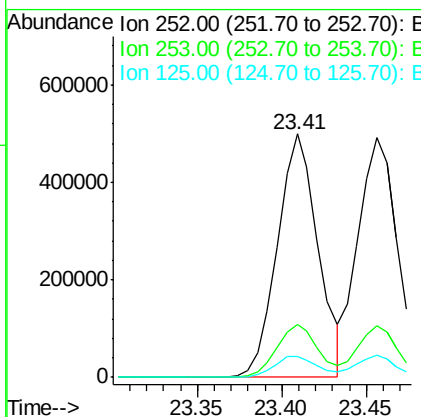
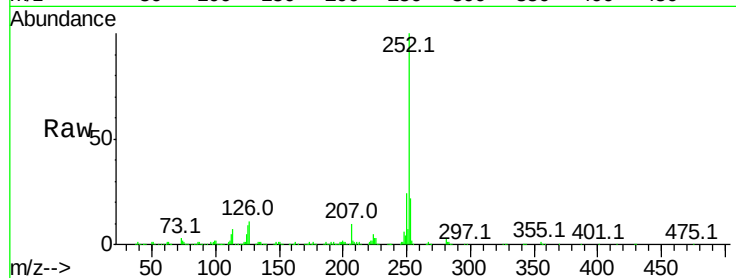




#87
 Benzo(b)fluoranthene
 Concen: 43.324 ng
 RT: 23.41 min Scan# 3421
 Delta R.T. -0.03 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

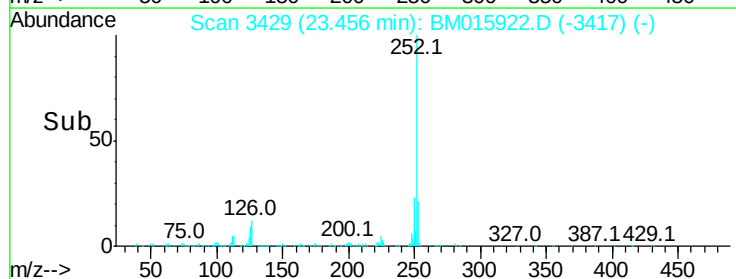
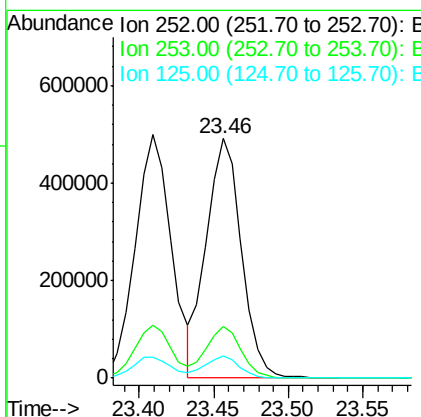
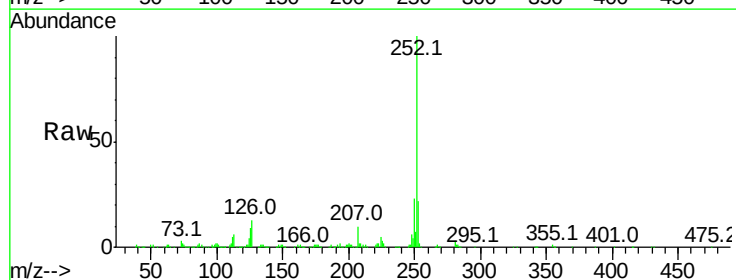
Instrument :
 BNA_M
 ClientSampleId :

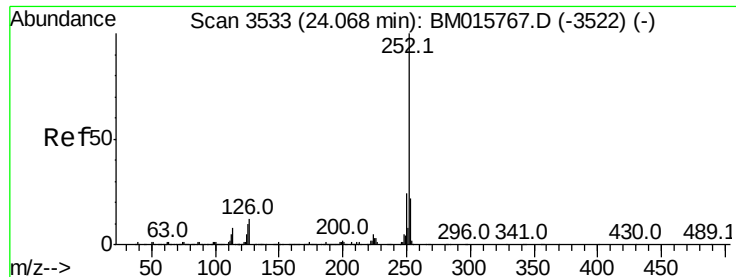
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	8.8	9.9	14.9#



#88
 Benzo(k)fluoranthene
 Concen: 42.830 ng
 RT: 23.46 min Scan# 3429
 Delta R.T. -0.03 min
 Lab File: BM015922.D
 Acq: 12 Jul 2018 19:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	9.4	8.1	12.1





#89

Benzo(a)pyrene

Concen: 46.844 ng

RT: 24.03 min Scan# 3527

Delta R.T. -0.04 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

ClientSampleId :

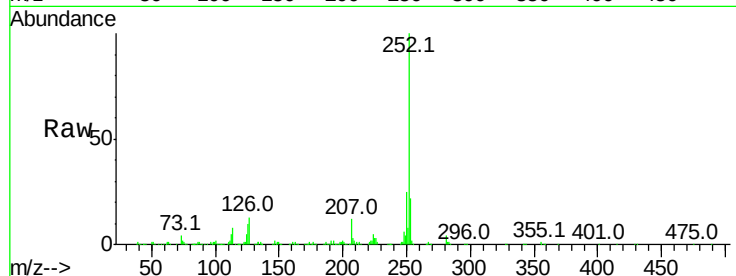
Tot Ion:252 Resp: 793555

Ion Ratio Lower Upper

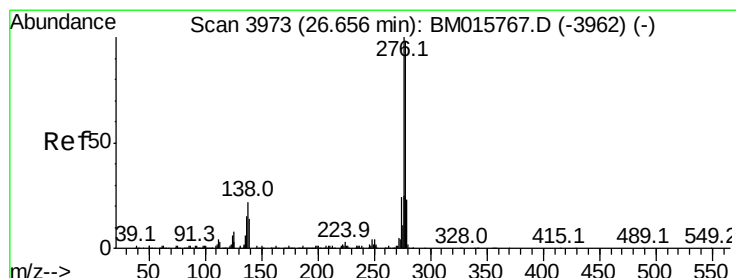
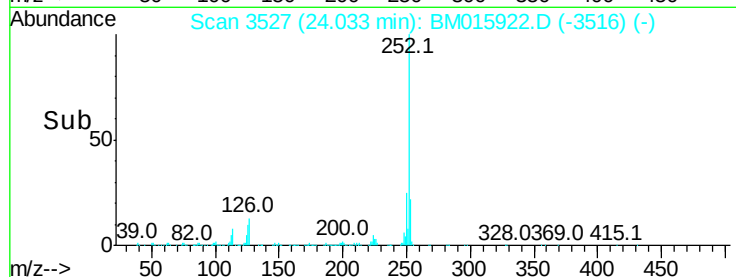
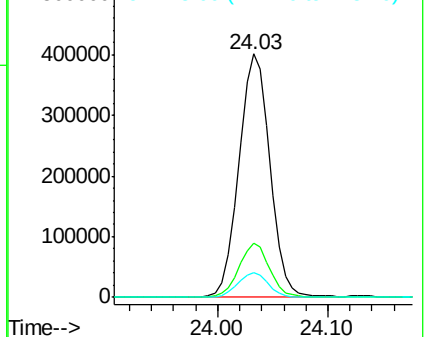
252 100

253 22.2 17.6 26.4

125 10.4 7.4 11.2



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



#90

Dibenzo(a,h)anthracene

Concen: 54.733 ng

RT: 26.60 min Scan# 3964

Delta R.T. -0.05 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

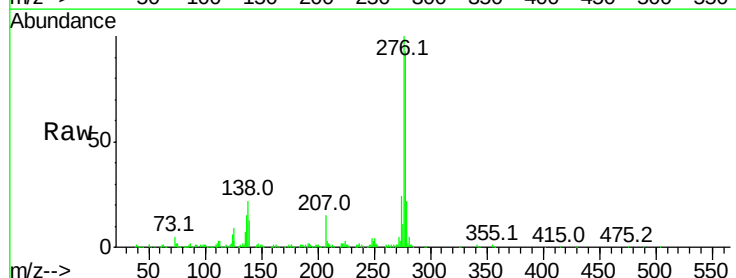
Tgt Ion:278 Resp: 834224

Ion Ratio Lower Upper

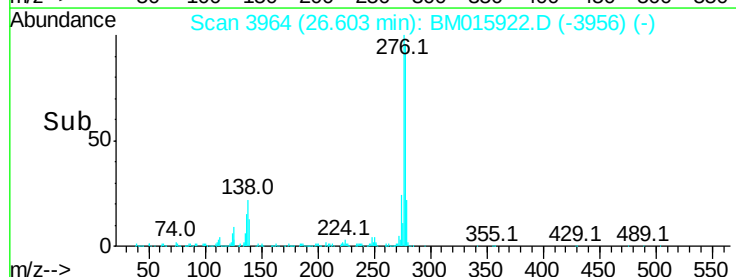
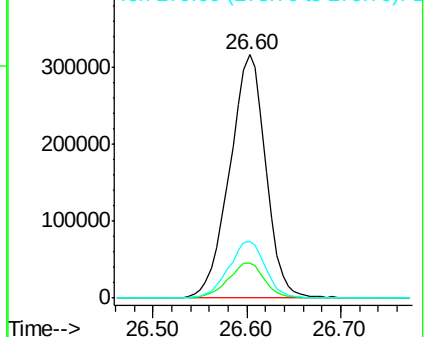
278 100

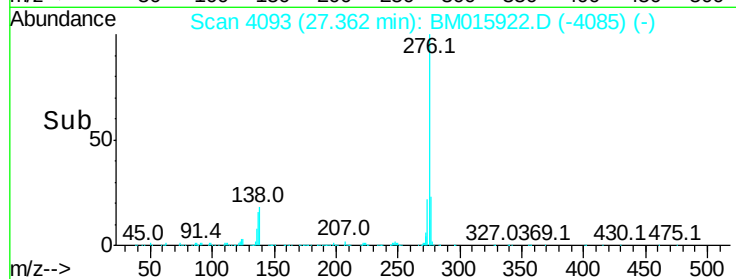
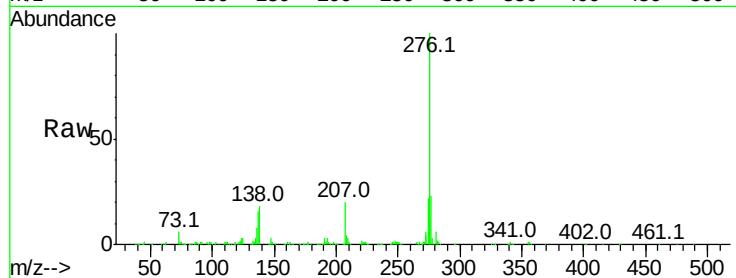
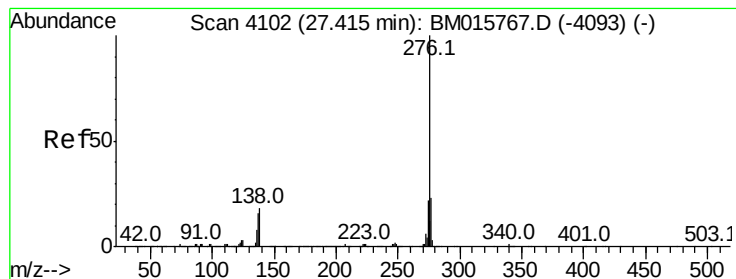
139 14.1 13.4 20.0

279 23.1 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 58.126 ng

RT: 27.36 min Scan# 4093

Delta R.T. -0.05 min

Lab File: BM015922.D

Acq: 12 Jul 2018 19:30

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 778429

Ion Ratio Lower Upper

276 100

277 23.0 18.5 27.7

138 18.1 19.0 28.6#

