

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
 Data File : BM015901.D
 Acq On : 12 Jul 2018 06:38
 Operator : SJ/JU
 Sample : PB110972BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 12 08:22:19 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	88395	20.00	ng	-0.03
21) Naphthalene-d8	11.12	136	363328	20.00	ng	-0.03
38) Acenaphthene-d10	14.91	164	192833	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	370430	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	335467	20.00	ng	-0.02
86) Perylene-d12	24.14	264	331237	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.79	112	700652	135.94	ng	-0.02
7) Phenol-d6	7.45	99	888409	125.90	ng	-0.02
23) Nitrobenzene-d5	9.48	82	633516	85.07	ng	-0.02
41) 2,4,6-Tribromophenol	16.39	330	301476	119.65	ng	-0.02
44) 2-Fluorobiphenyl	13.54	172	1293161	83.26	ng	-0.02
78) Terphenyl-d14	20.20	244	1609700	89.00	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	67649	31.735	ng	# 100
3) Pyridine	4.00	79	178333	31.703	ng	# 77
4) n-Nitrosodimethylamine	3.90	42	170599	38.949	ng	# 41
6) Aniline	7.62	93	166326	19.442	ng	91
8) 2-Chlorophenol	7.85	128	248411	40.156	ng	95
9) Benzaldehyde	7.42	77	150749	33.896	ng	88
10) Phenol	7.47	94	284370	40.107	ng	94
11) bis(2-Chloroethyl)ether	7.70	93	207346	35.949	ng	87
12) 1,3-Dichlorobenzene	8.17	146	259277	37.803	ng	# 91
13) 1,4-Dichlorobenzene	8.33	146	262942	37.073	ng	# 95
14) 1,2-Dichlorobenzene	8.65	146	257234	37.501	ng	92
15) Benzyl Alcohol	8.54	79	220658	36.020	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.82	45	324882	51.576	ng	98
17) 2-Methylphenol	8.74	107	196915	40.087	ng	# 86
18) Hexachloroethane	9.37	117	111176	39.642	ng	98
19) n-Nitroso-di-n-propylamine	9.10	70	187899	33.133	ng	# 75
20) 3+4-Methylphenols	9.07	107	255211	37.403	ng	89
22) Acetophenone	9.13	105	357788	37.802	ng	# 87
24) Nitrobenzene	9.52	77	298814	41.223	ng	98
25) Isophorone	10.04	82	480233	42.252	ng	# 93
26) 2-Nitrophenol	10.23	139	123606	39.601	ng	# 56
27) 2,4-Dimethylphenol	10.28	122	215391	45.424	ng	# 84
28) bis(2-Chloroethoxy)methane	10.52	93	287976	38.890	ng	98
29) 2,4-Dichlorophenol	10.77	162	225224	42.886	ng	99
30) 1,2,4-Trichlorobenzene	10.97	180	242254	39.715	ng	97
31) Naphthalene	11.17	128	744848	39.542	ng	99
32) Benzoic acid	10.45	122	126606	30.157	ng	# 85
33) 4-Chloroaniline	11.29	127	73443	9.563	ng	# 86
34) Hexachlorobutadiene	11.43	225	158310	38.889	ng	98
35) Caprolactam	12.09	113	56490	32.434	ng	# 85
36) 4-Chloro-3-methylphenol	12.39	107	234125	38.853	ng	88
37) 2-Methylnaphthalene	12.76	142	543491	40.559	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	258917	41.835	ng	# 100
40) Hexachlorocyclopentadiene	13.08	237	287780	97.264	ng	99

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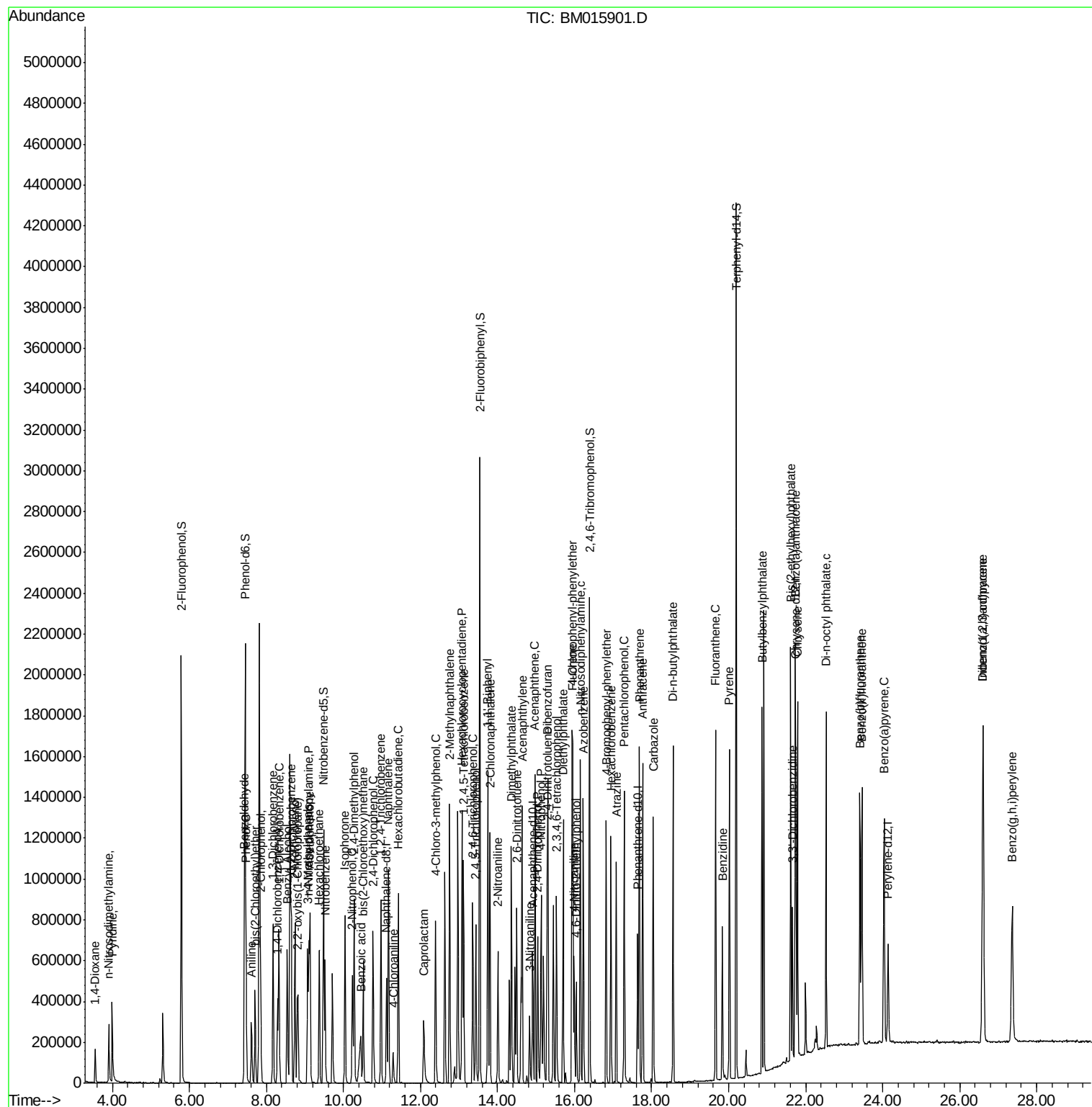
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	162917	41.643	nq	99
43) 2,4,5-Trichlorophenol	13.44	196	163042	38.579	nq #	85
45) 1,1'-Biphenyl	13.75	154	673078	40.371	nq	99
46) 2-Chloronaphthalene	13.80	162	516410	41.427	nq #	91
47) 2-Nitroaniline	14.02	65	168194	38.692	nq #	79
48) Acenaphthylene	14.64	152	821861	40.529	nq	99
49) Dimethylphthalate	14.36	163	635245	37.353	nq	100
50) 2,6-Dinitrotoluene	14.50	165	132033	39.818	nq #	68
51) Acenaphthene	14.97	154	473303	37.509	nq	97
52) 3-Nitroaniline	14.83	138	66394	18.293	nq #	74
53) 2,4-Dinitrophenol	15.04	184	112784	69.021	nq #	78
54) Dibenzofuran	15.31	168	756434	38.904	nq #	86
55) 4-Nitrophenol	15.13	139	191176	71.372	nq #	76
56) 2,4-Dinitrotoluene	15.29	165	179315	37.457	nq	99
57) Fluorene	15.95	166	589043	36.737	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.53	232	139425	39.096	nq #	100
59) Diethylphthalate	15.70	149	644322	35.355	nq	94
60) 4-Chlorophenyl-phenylether	15.93	204	292830	35.492	nq #	86
61) 4-Nitroaniline	15.99	138	110405	29.323	nq #	27
62) Azobenzene	16.23	77	695582	40.717	nq	80
64) 4,6-Dinitro-2-methylphenol	16.04	198	79309	35.218	nq	87
65) n-Nitrosodiphenylamine	16.15	169	494946	38.994	nq	97
66) 4-Bromophenyl-phenylether	16.82	248	169514	40.986	nq #	78
67) Hexachlorobenzene	16.94	284	188560	40.799	nq #	77
68) Atrazine	17.09	200	170300	40.790	nq	98
69) Pentachlorophenol	17.29	266	189257	66.178	nq	97
70) Phenanthrene	17.68	178	848883	40.056	nq	99
71) Anthracene	17.77	178	854921	41.078	nq	98
72) Carbazole	18.04	167	737835	38.045	nq	97
73) Di-n-butylphthalate	18.56	149	990207	37.881	nq #	97
74) Fluoranthene	19.66	202	888221	36.457	nq	99
76) Benzidine	19.84	184	350408	35.651	nq	99
77) Pyrene	20.02	202	893592	42.762	nq	99
79) Butylbenzylphthalate	20.87	149	421329	41.710	nq #	83
80) Benzo(a)anthracene	21.73	228	867168	40.771	nq	99
81) 3,3'-Dichlorobenzidine	21.66	252	177243	23.193	nq	99
82) Chrysene	21.79	228	808046	40.783	nq	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	597944	40.063	nq	95
84) Di-n-octyl phthalate	22.53	149	993488	40.823	nq #	90
85) Indeno(1,2,3-cd)pyrene	26.61	276	1000266	54.337	nq #	93
87) Benzo(b)fluoranthene	23.41	252	827311	37.410	nq #	97
88) Benzo(k)fluoranthene	23.46	252	828490	38.566	nq	99
89) Benzo(a)pyrene	24.04	252	809376	41.577	nq	99
90) Dibenzo(a,h)anthracene	26.61	278	863329	49.291	nq	97
91) Benzo(g,h,i)perylene	27.36	276	811708	52.744	nq	95

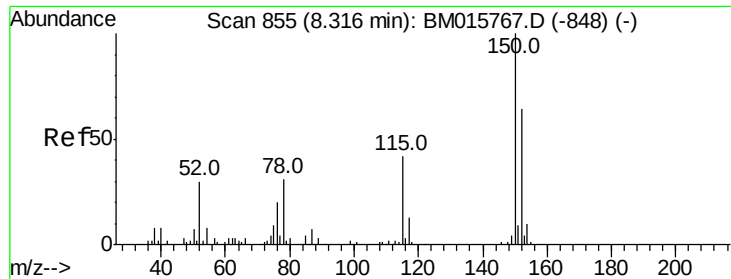
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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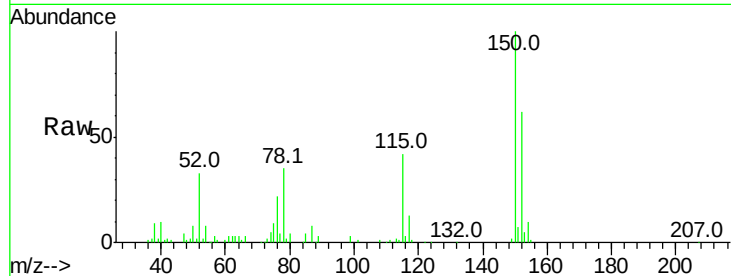


#1

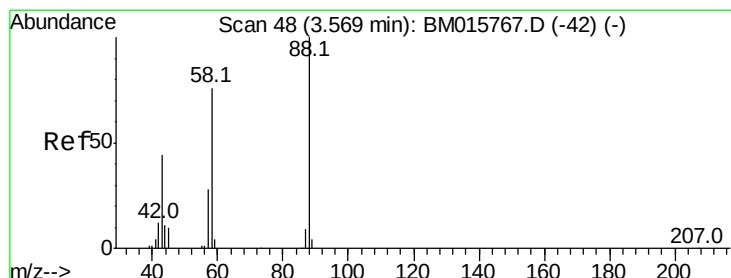
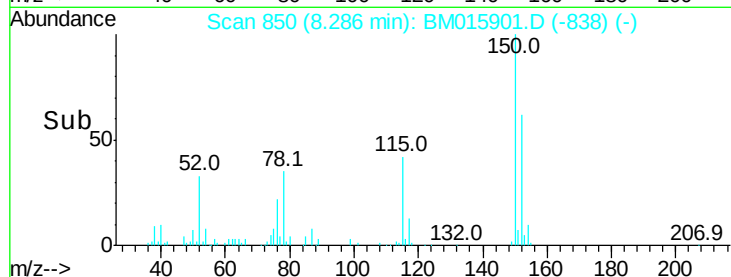
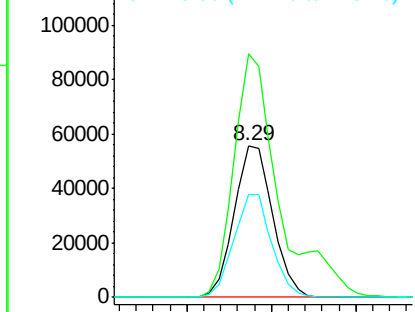
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 850
Delta R.T. -0.03 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	119.5	179.3
115	67.3	43.0	64.4



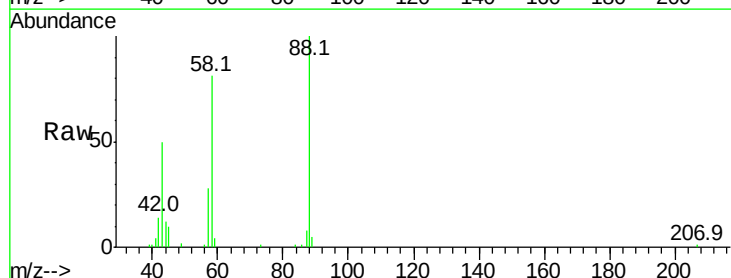
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



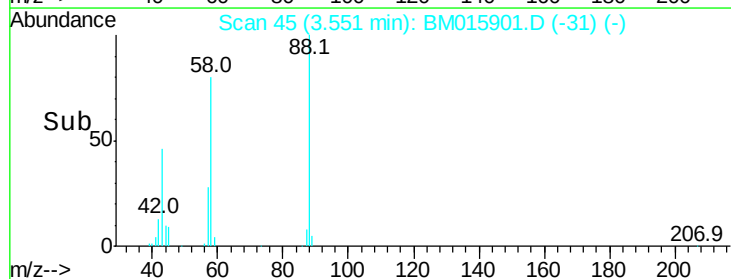
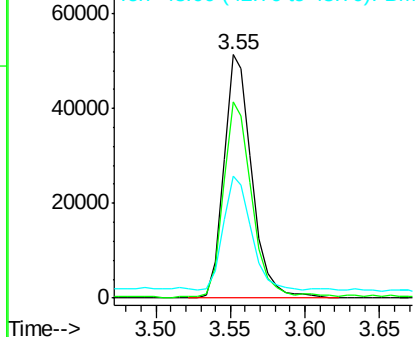
#2

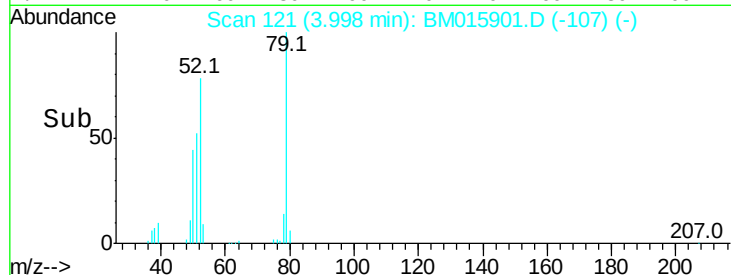
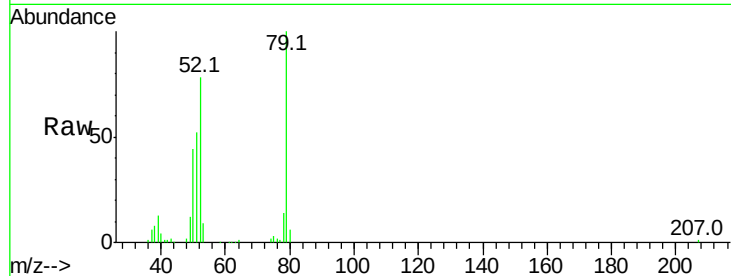
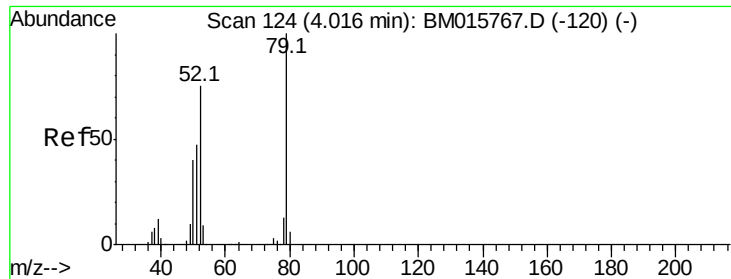
1,4-Dioxane
Concen: 31.735 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.5	0.0	0.0#
43	46.1	0.0	0.0#



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

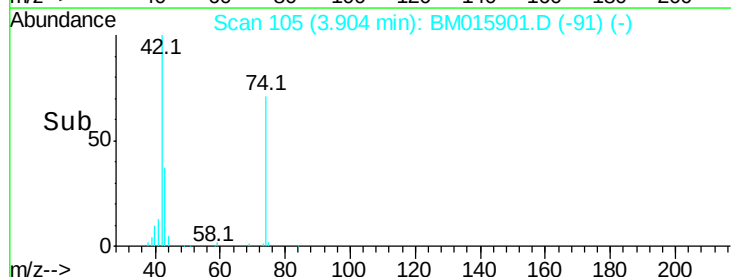
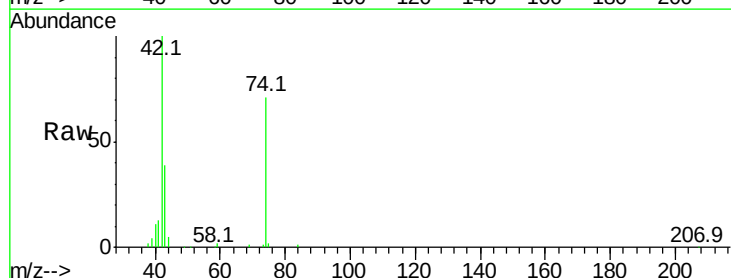
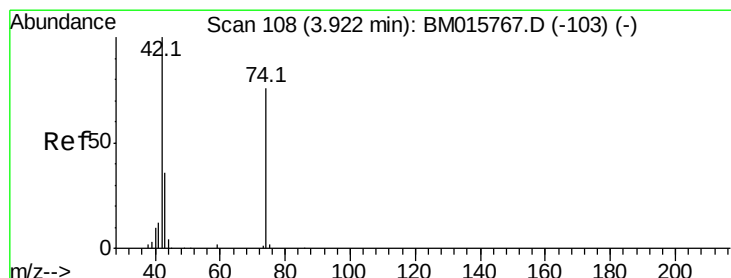
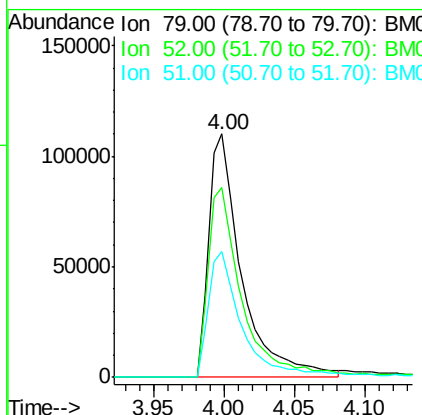




#3
 Pvridine
 Concen: 31.703 ng
 RT: 4.00 min Scan# 121
 Delta R.T. -0.02 min
 Lab File: BM015901.D
 Acq: 12 Jul 2018 06:38

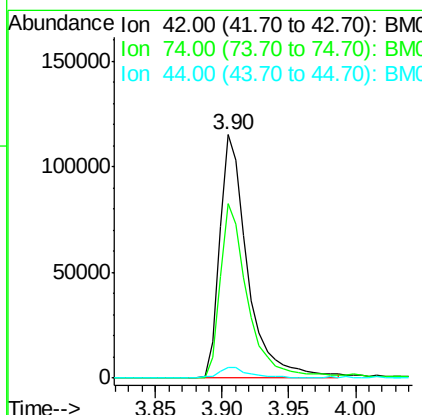
Instrument :
 BNA_M
 ClientSampleId :

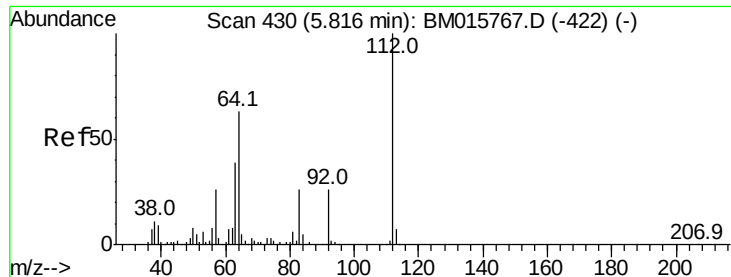
Tot Ion: 79 Resp: 178333
 Ion Ratio Lower Upper
 79 100
 52 77.8 51.1 76.7#
 51 51.6 26.1 39.1#



#4
 n-Nitrosodimethylamine
 Concen: 38.949 ng
 RT: 3.90 min Scan# 105
 Delta R.T. -0.02 min
 Lab File: BM015901.D
 Acq: 12 Jul 2018 06:38

Tgt Ion: 42 Resp: 170599
 Ion Ratio Lower Upper
 42 100
 74 71.5 119.3 178.9#
 44 4.6 5.4 8.2#





#5

2-Fluorophenol

Concen: 38.949 ng

RT: 5.79 min Scan# 426

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Instrument :

BNA_M

ClientSampleId :

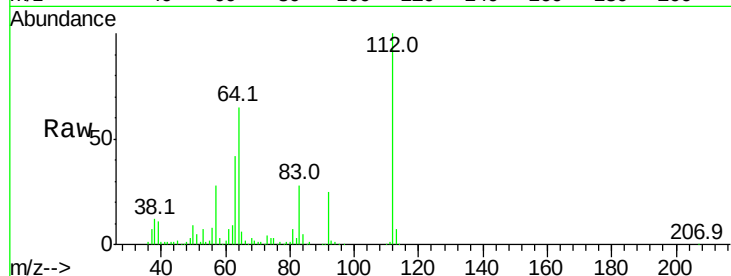
Tot Ion:112 Resp: 700652

Ion Ratio Lower Upper

112 100

64 65.2 38.6 57.8#

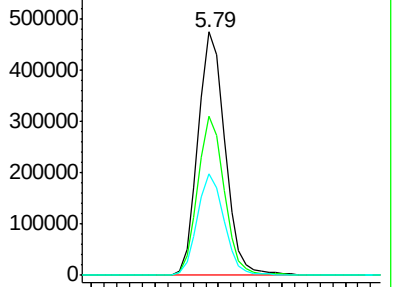
63 41.8 19.3 28.9#



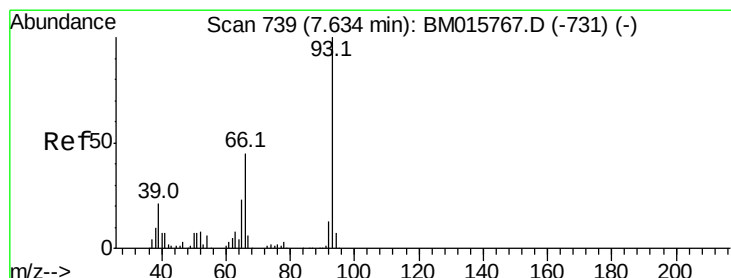
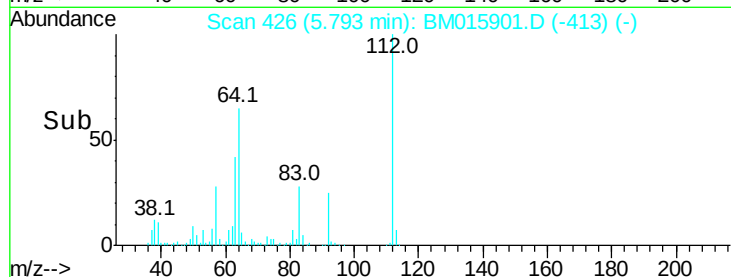
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



Time--> 5.70 5.75 5.80 5.85 5.90



#6

Aniline

Concen: 19.442 ng

RT: 7.62 min Scan# 736

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

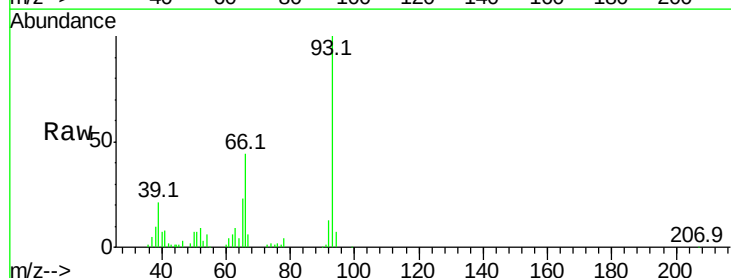
Tgt Ion: 93 Resp: 166326

Ion Ratio Lower Upper

93 100

66 44.4 30.8 46.2

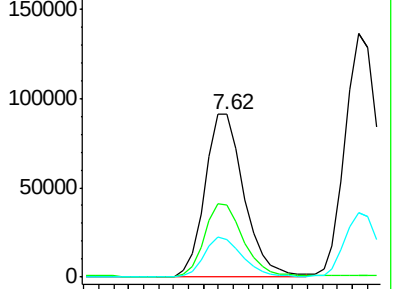
65 23.1 16.0 24.0



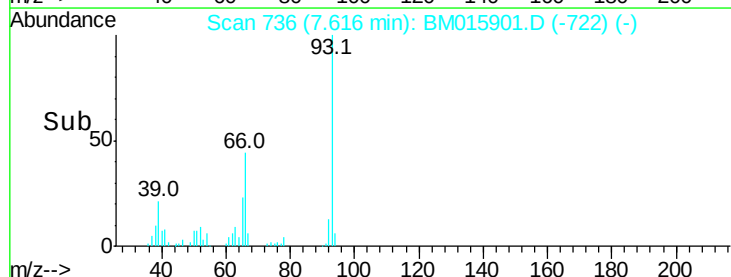
Abundance Ion 93.00 (92.70 to 93.70): BM0

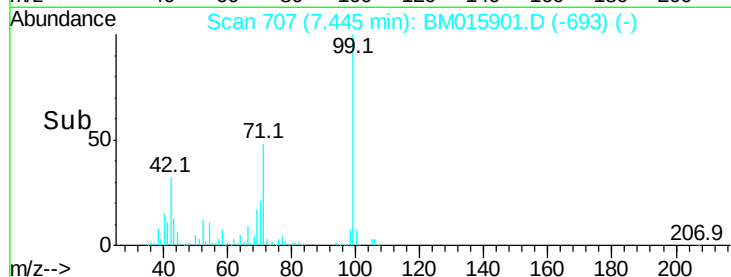
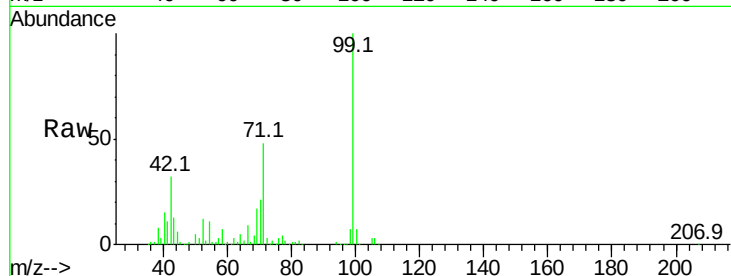
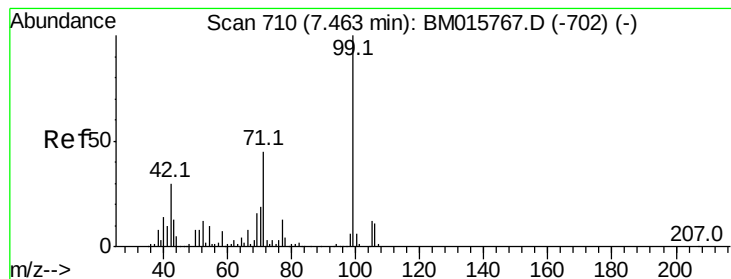
Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0



Time--> 7.55 7.60 7.65 7.70





#7

Phenol-d6

Concen: 19.442 ng

RT: 7.45 min Scan# 707

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Instrument :

BNA_M

ClientSampleId :

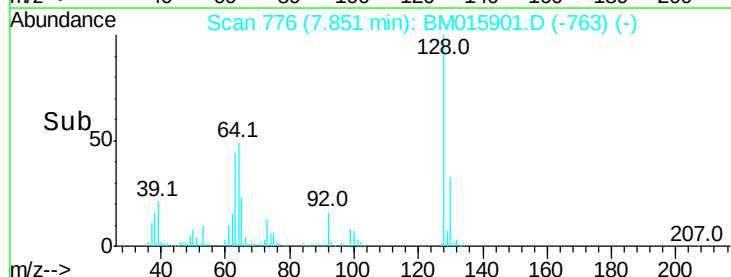
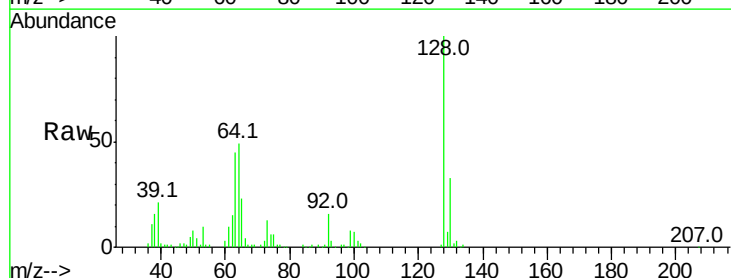
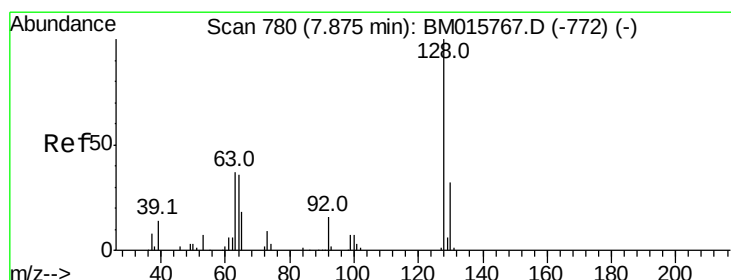
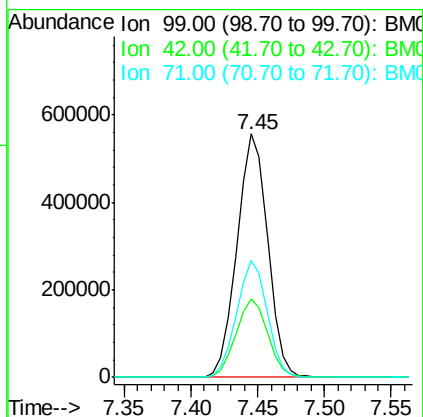
Tot Ion: 99 Resp: 888409

Ion Ratio Lower Upper

99 100

42 32.5 11.0 16.4#

71 47.8 23.4 35.2#



#8

2-Chlorophenol

Concen: 40.156 ng

RT: 7.85 min Scan# 776

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

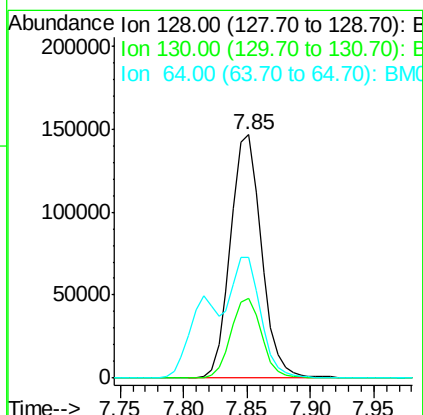
Tgt Ion: 128 Resp: 248411

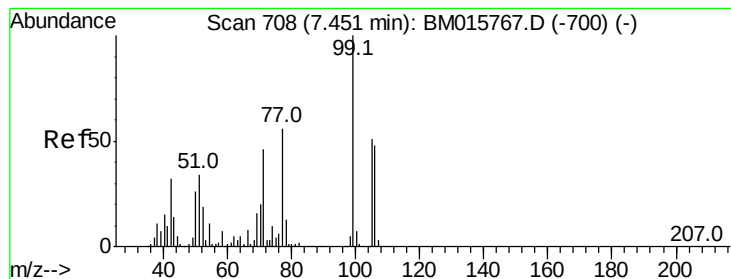
Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

64 49.4 24.9 64.9





#9

Benzaldehyde

Concen: 33.896 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.03 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Instrument :

BNA_M

ClientSampled :

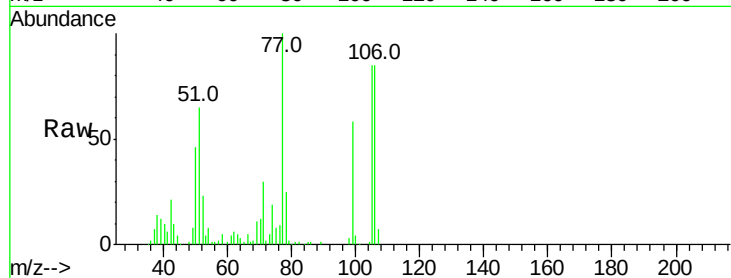
Tot Ion: 77 Resp: 150749

Ion Ratio Lower Upper

77 100

105 85.0 78.8 118.8

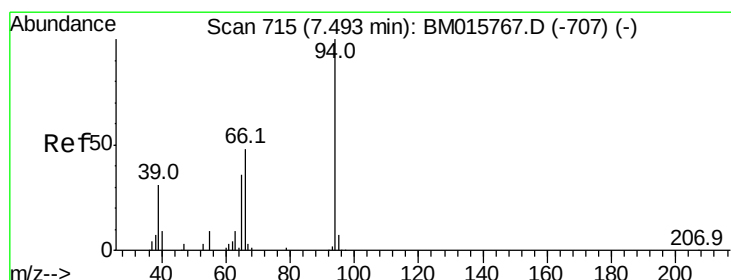
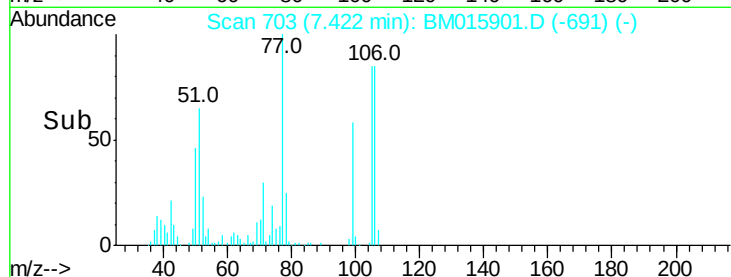
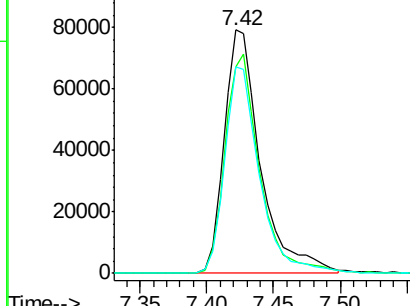
106 84.8 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM015901.D (-691) (-)

Ion 105.00 (104.70 to 105.70): BM015901.D (-691) (-)

Ion 106.00 (105.70 to 106.70): BM015901.D (-691) (-)



#10

Phenol

Concen: 40.107 ng

RT: 7.47 min Scan# 712

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

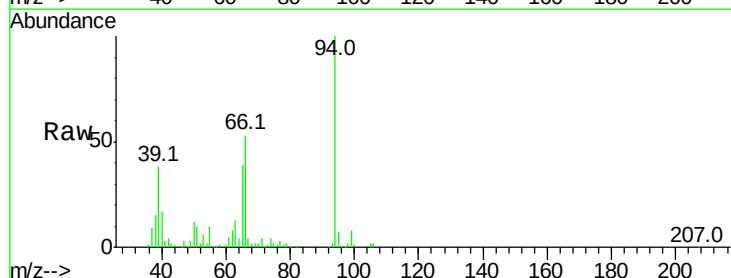
Tgt Ion: 94 Resp: 284370

Ion Ratio Lower Upper

94 100

65 39.1 18.8 58.8

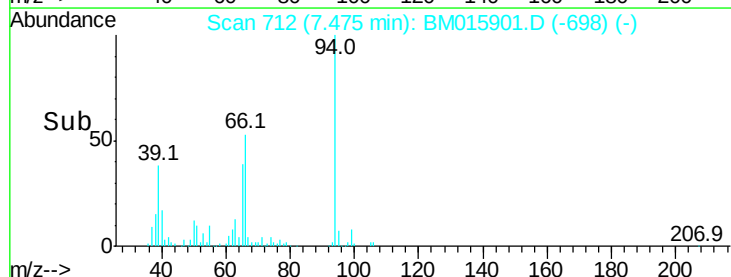
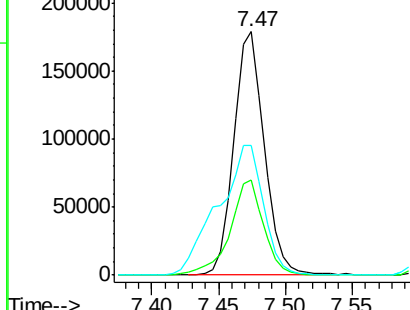
66 53.2 39.9 79.9

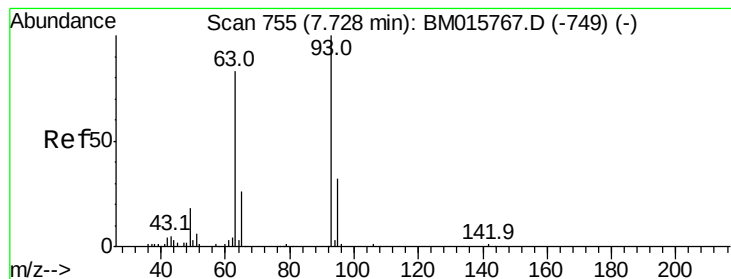


Abundance Ion 94.00 (93.70 to 94.70): BM015901.D (-698) (-)

Ion 65.00 (64.70 to 65.70): BM015901.D (-698) (-)

Ion 66.00 (65.70 to 66.70): BM015901.D (-698) (-)





#11

bis(2-Chloroethyl)ether

Concen: 35.949 ng

RT: 7.70 min Scan# 751

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Instrument :

BNA_M

ClientSampleId :

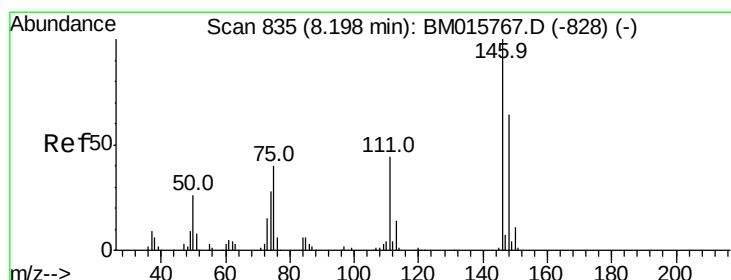
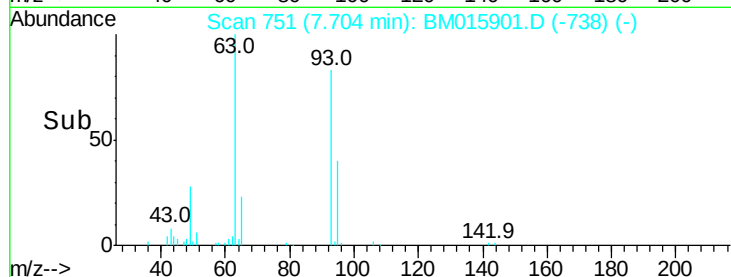
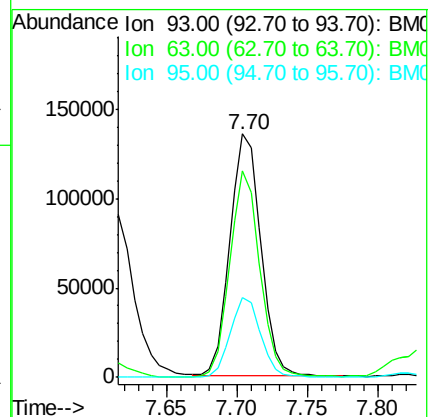
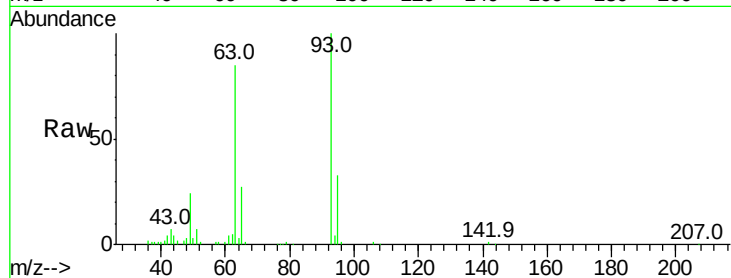
Tot Ion: 93 Resp: 207346

Ion Ratio Lower Upper

93 100

63 84.8 49.5 89.5

95 32.9 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 37.803 ng

RT: 8.17 min Scan# 831

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

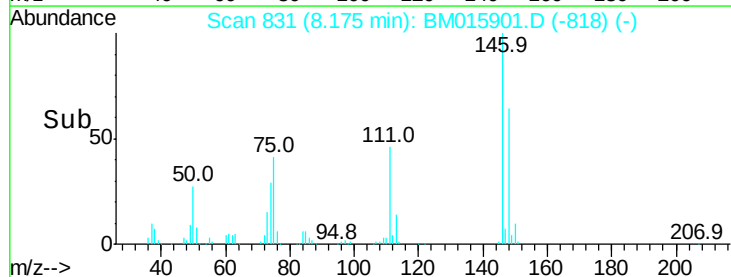
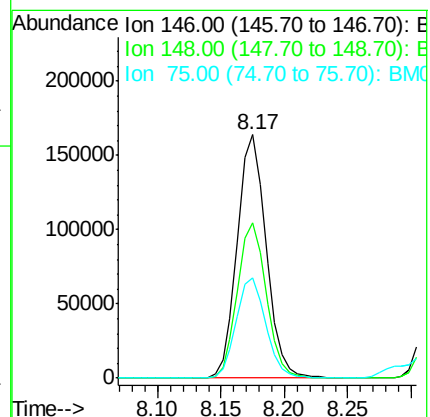
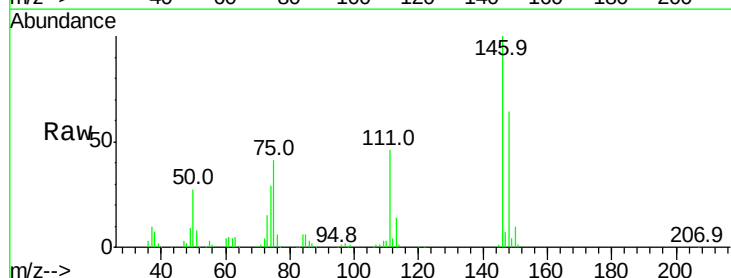
Tgt Ion: 146 Resp: 259277

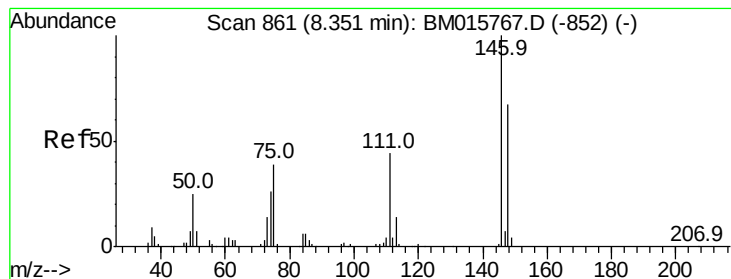
Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

75 41.4 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 37.073 ng

RT: 8.33 min Scan# 857

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Instrument :

BNA_M

ClientSampleId :

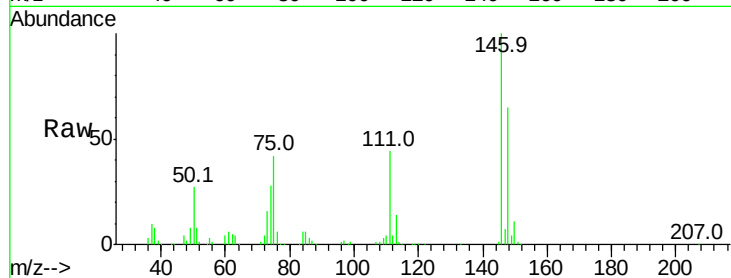
Tot Ion:146 Resp: 262942

Ion Ratio Lower Upper

146 100

148 64.8 51.9 77.9

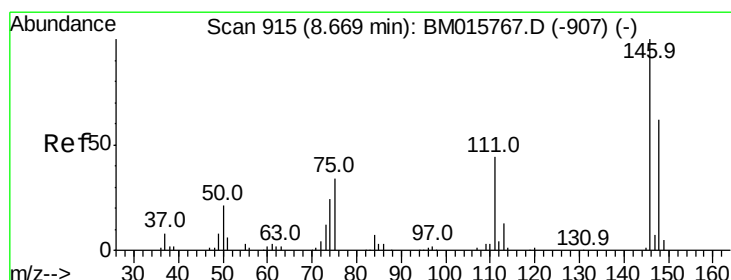
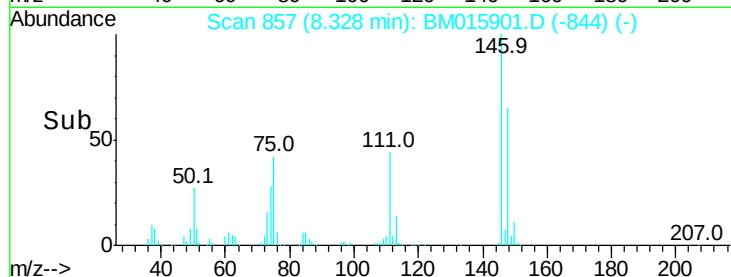
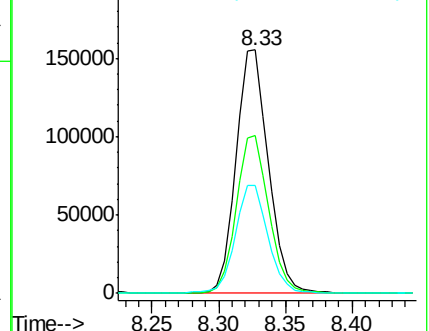
111 44.2 29.2 43.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.501 ng

RT: 8.65 min Scan# 911

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

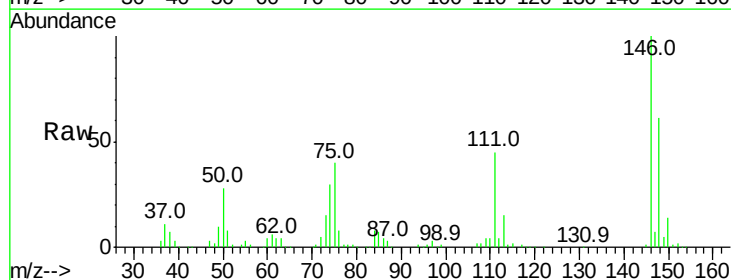
Tgt Ion:146 Resp: 257234

Ion Ratio Lower Upper

146 100

148 61.5 52.3 78.5

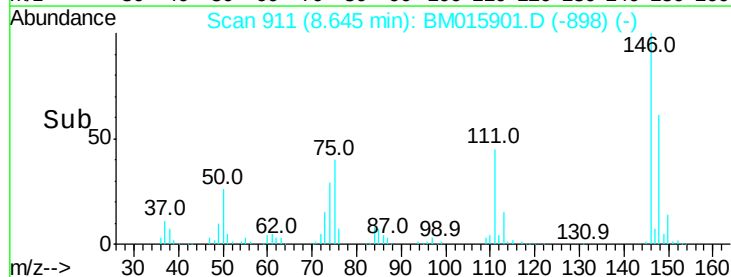
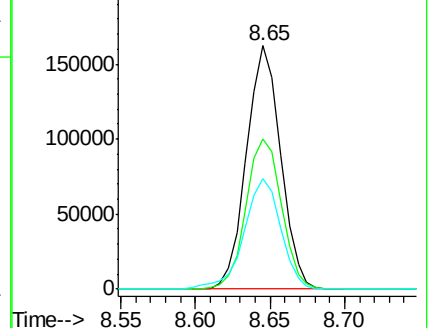
111 45.4 30.6 45.8

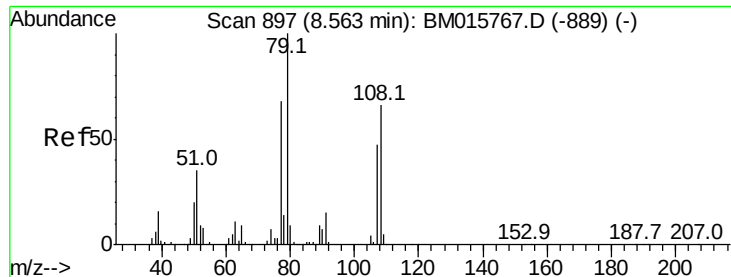


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.020 ng

RT: 8.54 min Scan# 893

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Instrument :

BNA_M

ClientSampled :

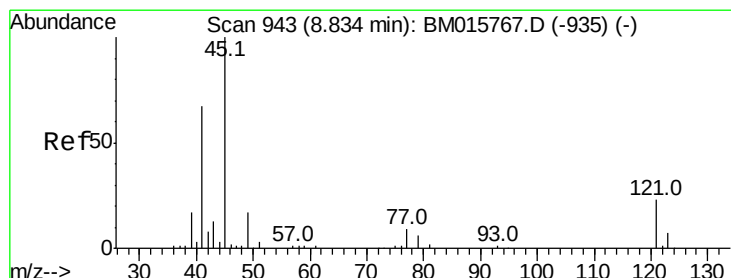
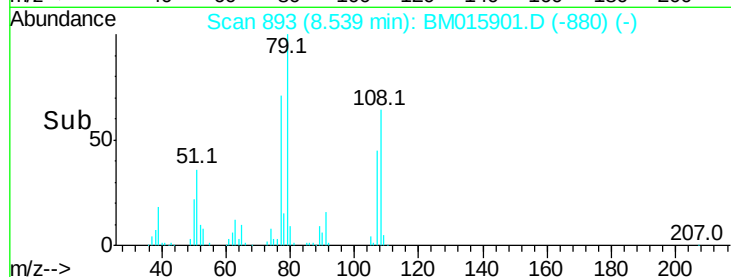
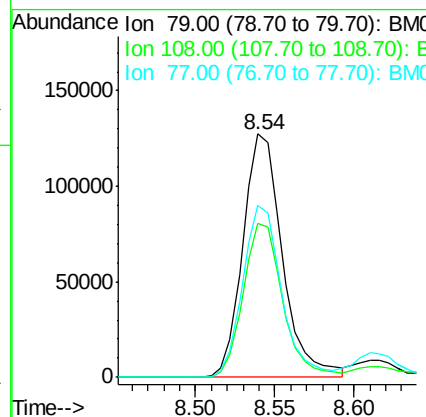
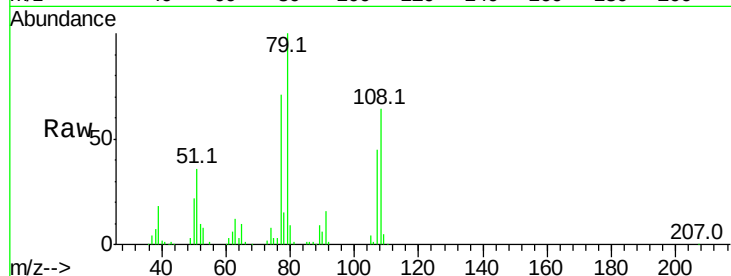
Tot Ion: 79 Resp: 220658

Ion Ratio Lower Upper

79 100

108 63.5 65.0 97.4#

77 70.8 53.0 79.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 51.576 ng

RT: 8.82 min Scan# 940

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

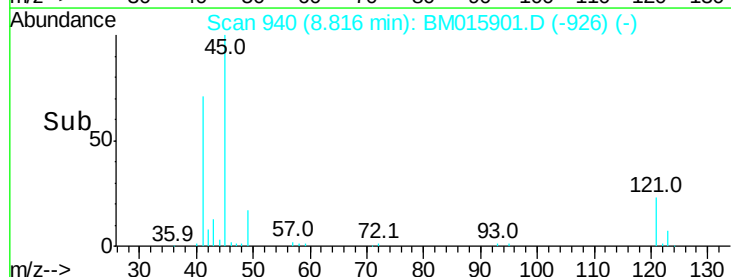
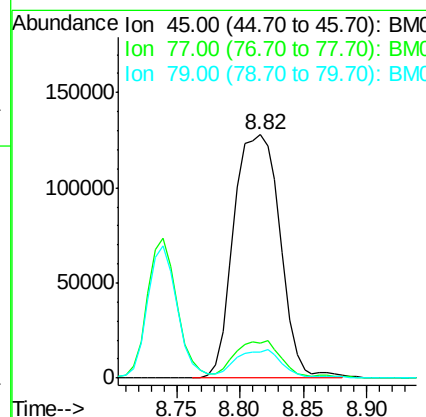
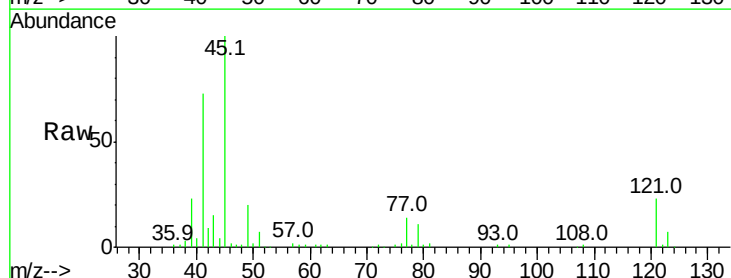
Tgt Ion: 45 Resp: 324882

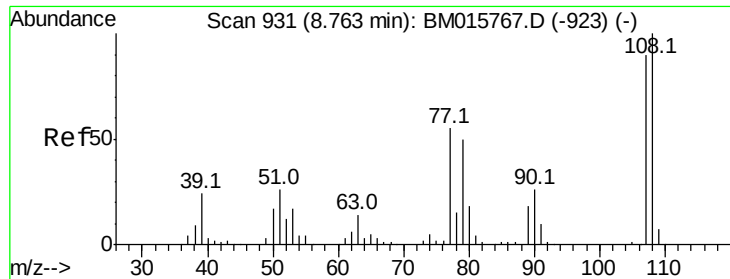
Ion Ratio Lower Upper

45 100

77 14.3 0.0 35.2

79 10.9 0.0 32.0

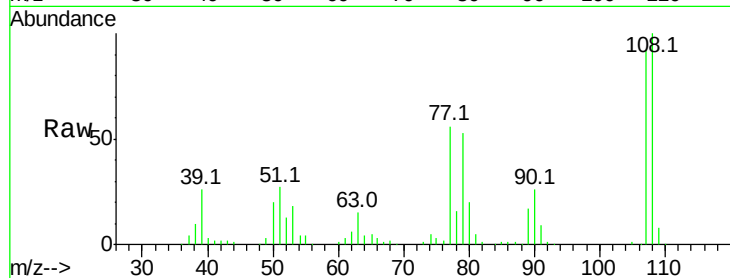




#17
2-Methylphenol
Concen: 40.087 ng
RT: 8.74 min Scan# 927
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.4	89.8	134.8
77	60.7	32.6	48.8
79	57.4	32.8	49.2



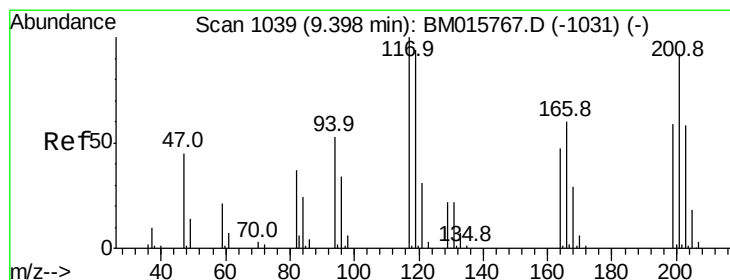
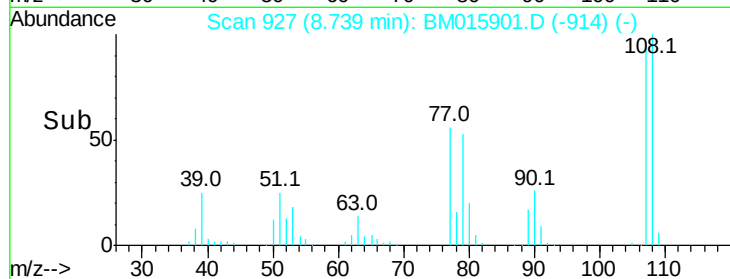
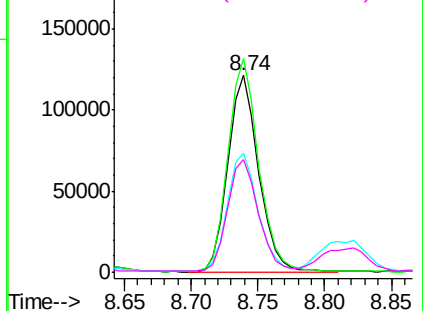
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

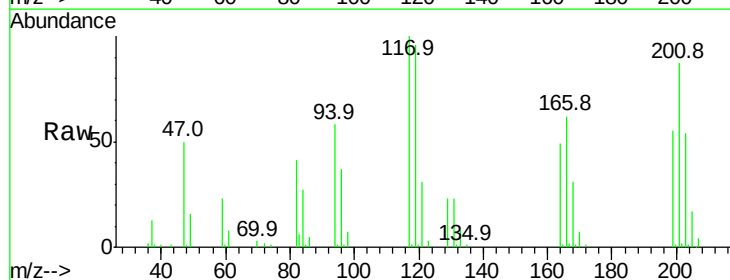
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 39.642 ng
RT: 9.37 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	79.2	118.8
201	86.7	69.8	104.6

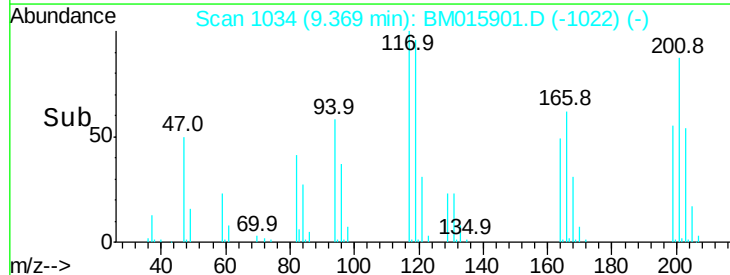
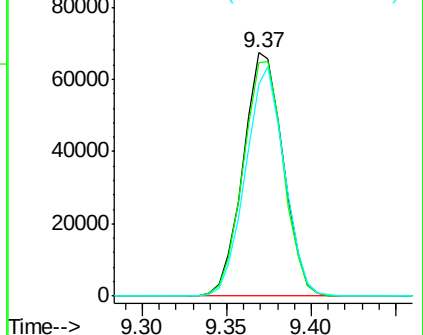


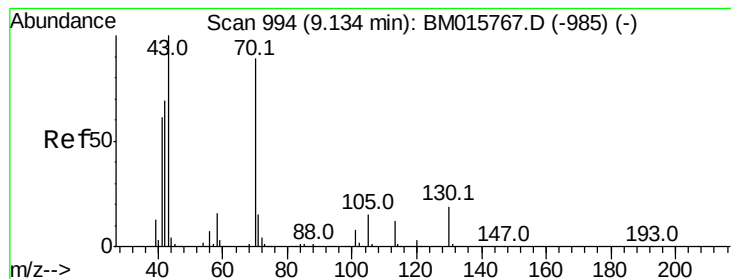
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.133 ng

RT: 9.10 min Scan# 989

Delta R.T. -0.03 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 187899

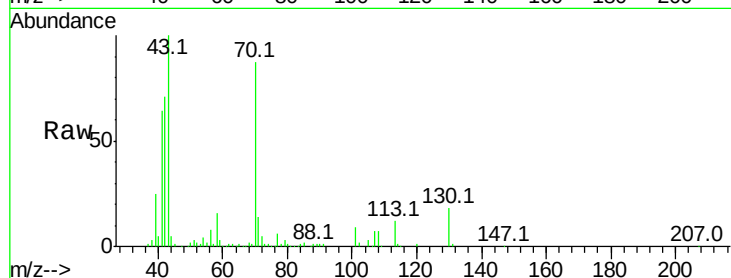
Ion Ratio Lower Upper

70 100

42 81.5 44.5 66.7#

101 9.8 7.4 11.2

130 21.0 15.3 22.9

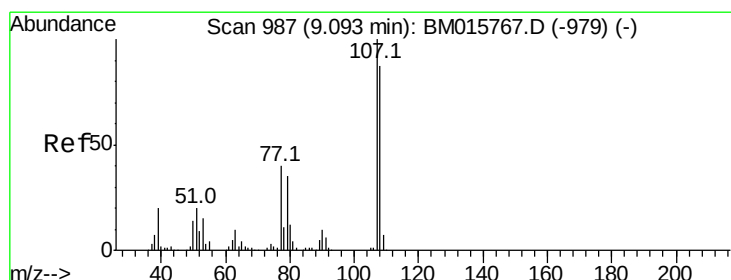
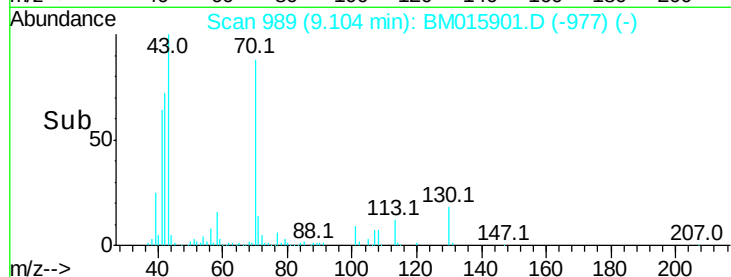
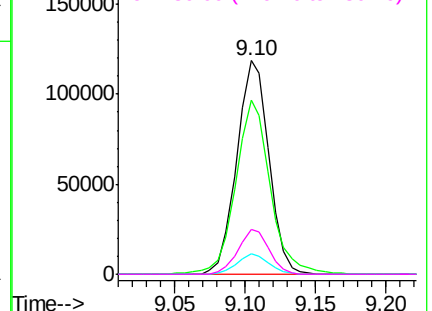


Abundance Ion 70.00 (69.70 to 70.70): BM015767.D (-985) (-)

Ion 42.00 (41.70 to 42.70): BM015767.D (-985) (-)

Ion 101.00 (100.70 to 101.70): BM015767.D (-985) (-)

Ion 130.00 (129.70 to 130.70): BM015767.D (-985) (-)



#20

3+4-Methylphenols

Concen: 37.403 ng

RT: 9.07 min Scan# 983

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Tgt Ion: 107 Resp: 255211

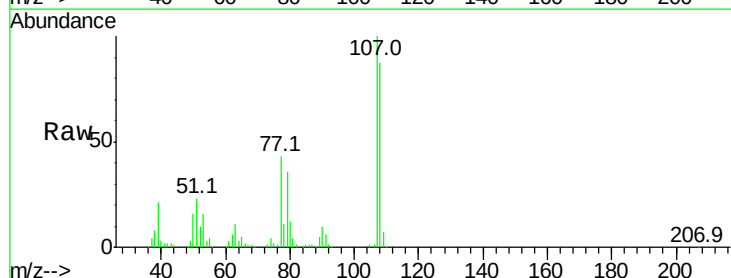
Ion Ratio Lower Upper

107 100

108 86.8 73.2 113.2

77 43.4 10.7 50.7

79 36.1 9.6 49.6

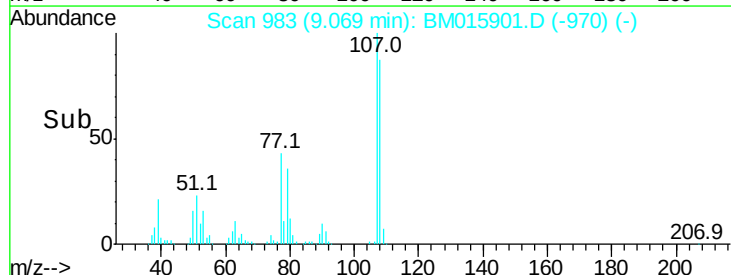
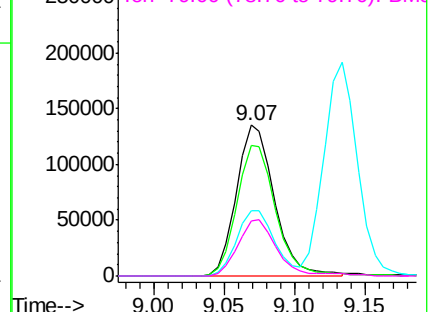


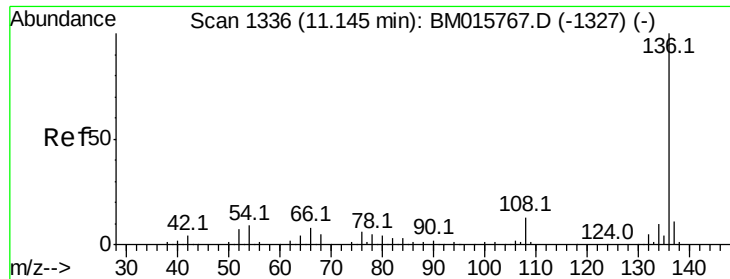
Abundance Ion 107.00 (106.70 to 107.70): BM015767.D (-979) (-)

Ion 108.00 (107.70 to 108.70): BM015767.D (-979) (-)

Ion 77.00 (76.70 to 77.70): BM015767.D (-979) (-)

Ion 79.00 (78.70 to 79.70): BM015767.D (-979) (-)

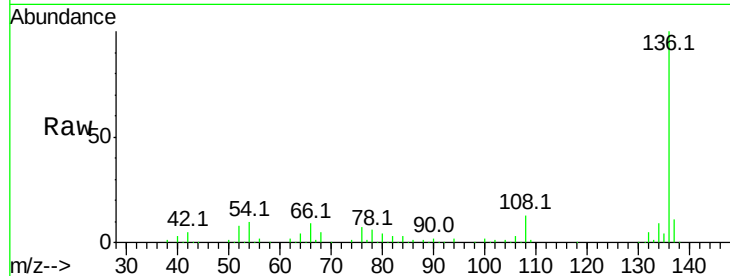




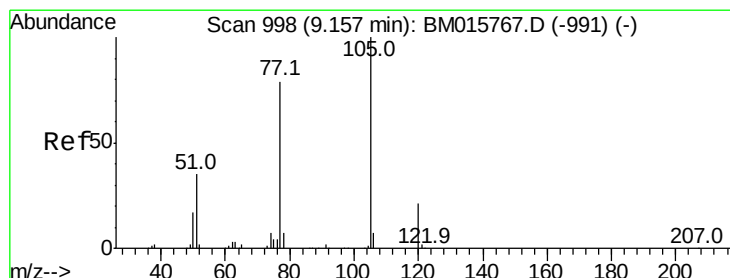
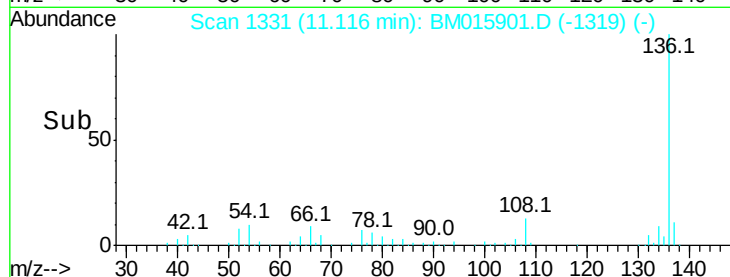
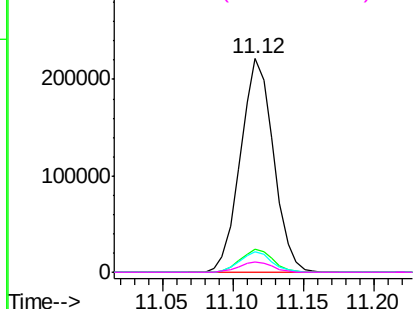
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.12 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	363328
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.6	4.6	6.8#
68	5.0	3.7	5.5

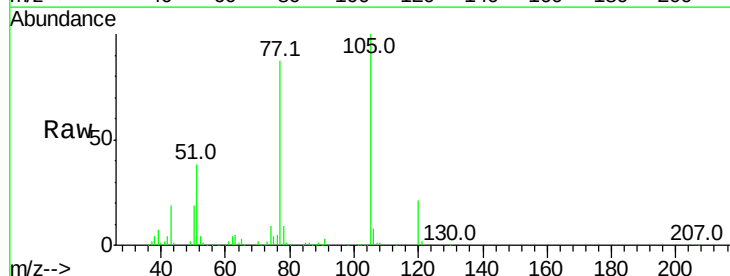


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

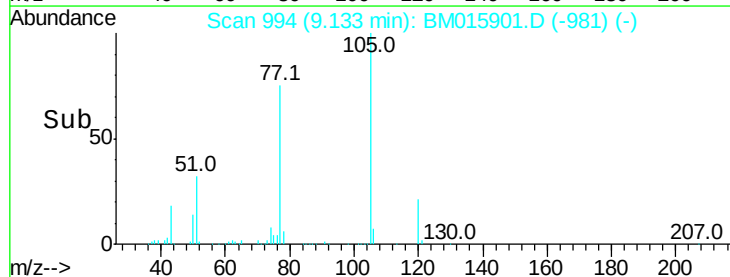
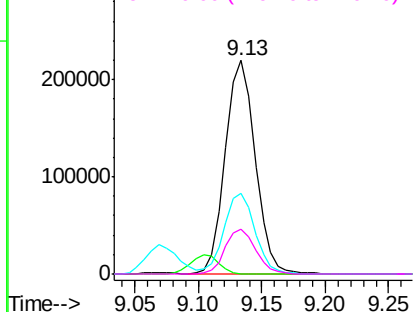


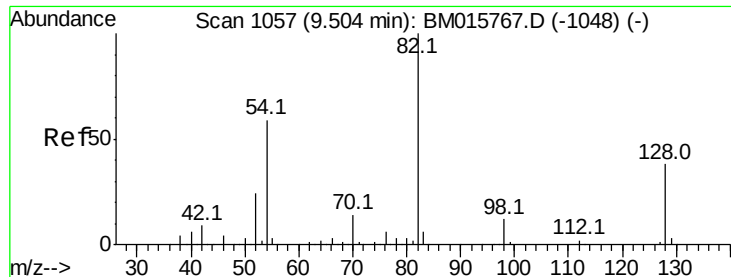
#22
Acetophenone
Concen: 37.802 ng
RT: 9.13 min Scan# 994
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Tgt Ion:	105	Resp:	357788
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.6	1.0#
51	38.0	21.6	32.4#
120	21.0	16.1	24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

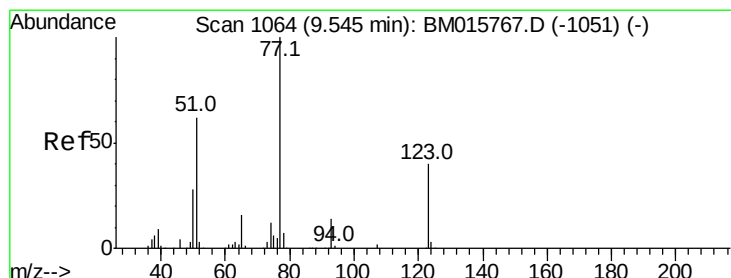
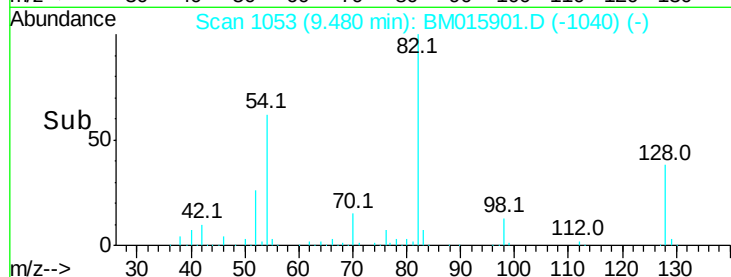
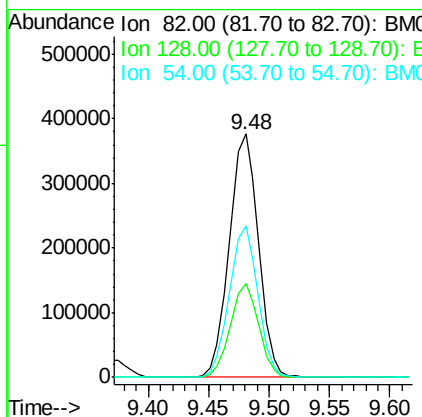
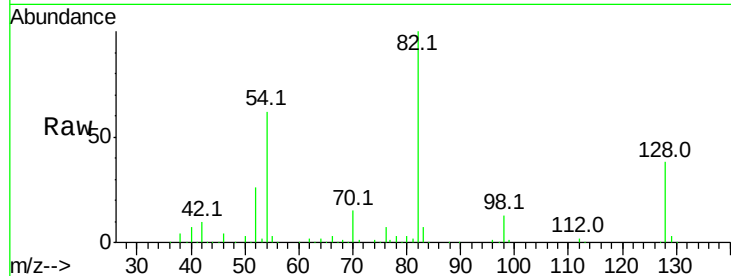




#23
Nitrobenzene-d5
Concen: 37.802 ng
RT: 9.48 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

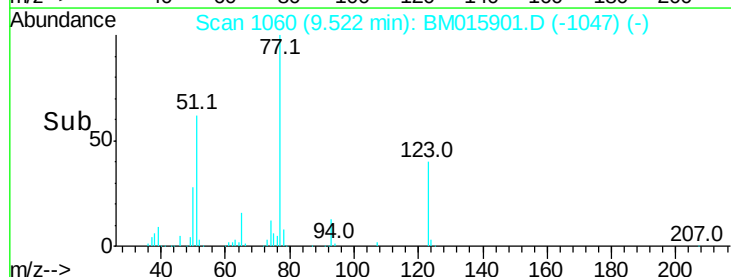
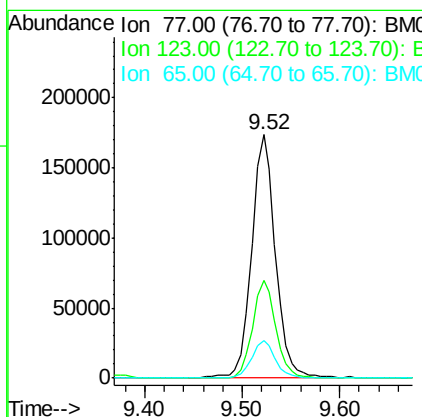
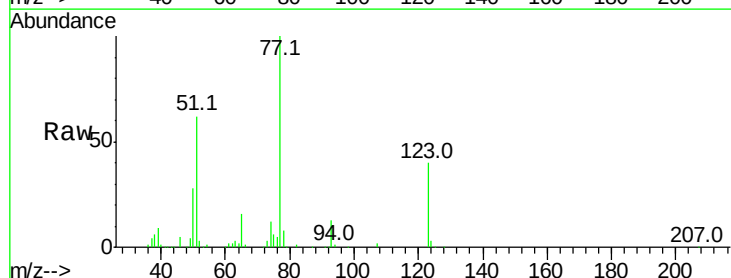
Instrument :
BNA_M
ClientSampled :

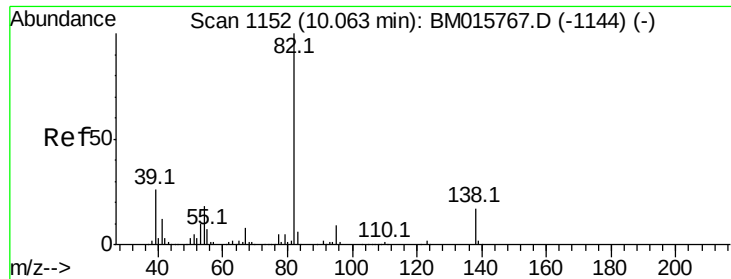
Tot Ion: 82 Resp: 633516
Ion Ratio Lower Upper
82 100
128 38.3 32.8 49.2
54 62.1 40.6 60.8#



#24
Nitrobenzene
Concen: 41.223 ng
RT: 9.52 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Tgt Ion: 77 Resp: 298814
Ion Ratio Lower Upper
77 100
123 39.9 32.6 49.0
65 15.6 10.9 16.3

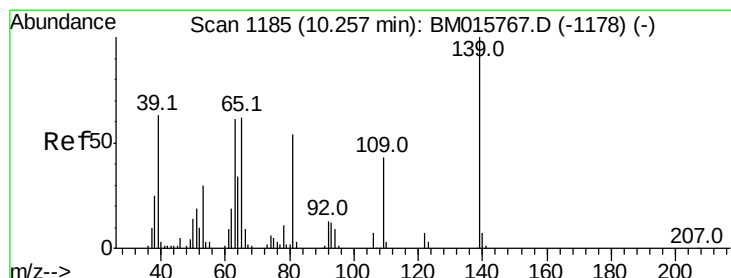
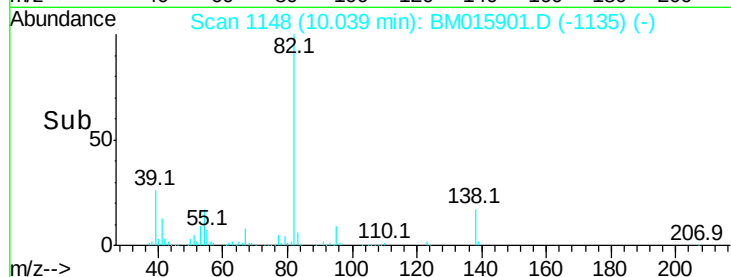
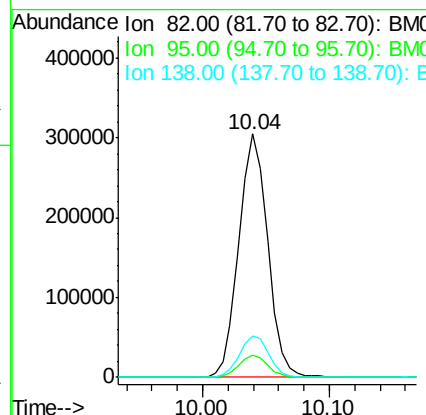
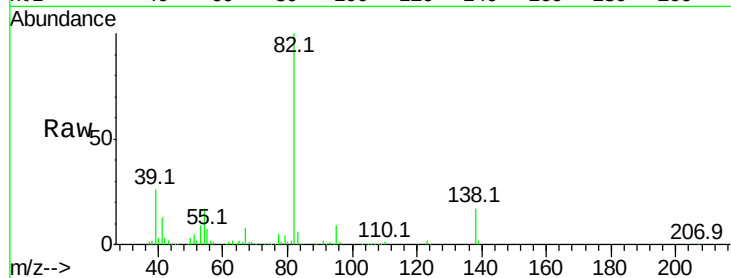




#25
Isophorone
Concen: 42.252 ng
RT: 10.04 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

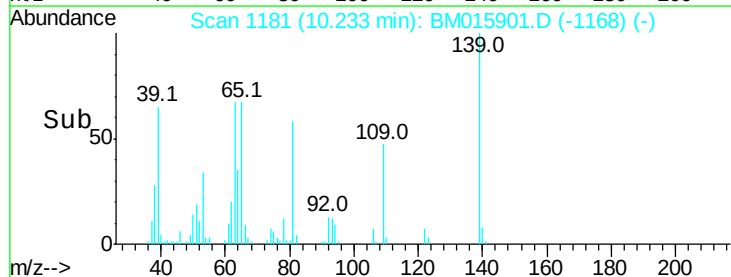
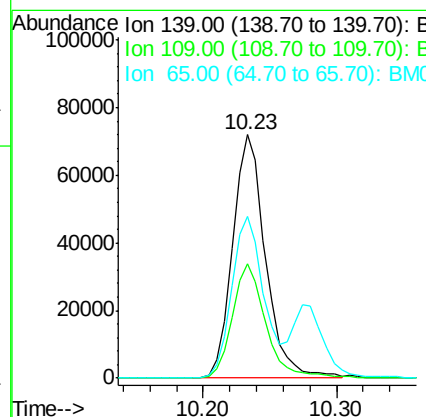
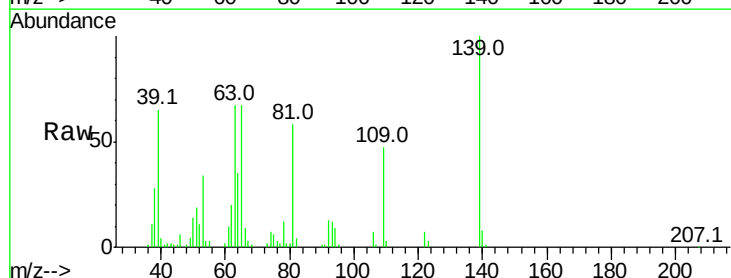
Instrument :
BNA_M
ClientSampleId :

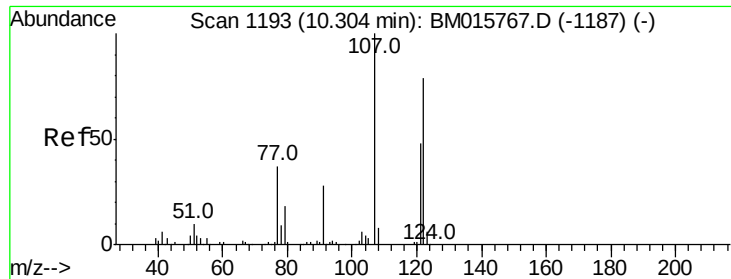
Tot Ion: 82 Resp: 480233
Ion Ratio Lower Upper
82 100
95 9.1 5.8 8.6#
138 17.0 16.3 24.5



#26
2-Nitrophenol
Concen: 39.601 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Tgt Ion: 139 Resp: 123606
Ion Ratio Lower Upper
139 100
109 46.8 20.1 30.1#
65 66.6 31.5 47.3#

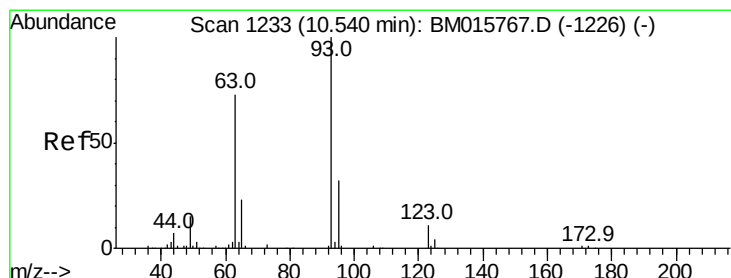
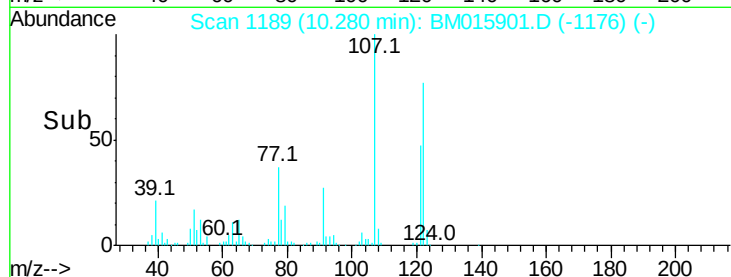
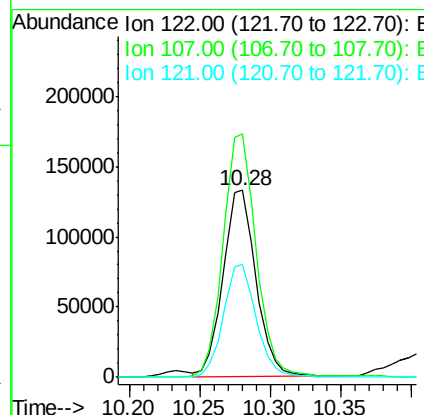
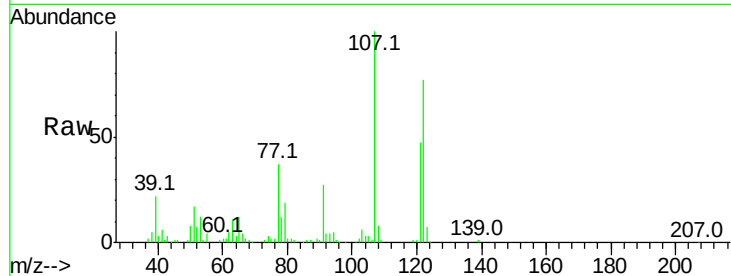




#27
 2,4-Dimethylphenol
 Concen: 45.424 ng
 RT: 10.28 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BM015901.D
 Acq: 12 Jul 2018 06:38

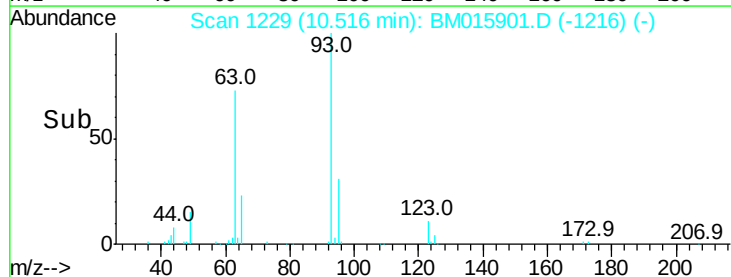
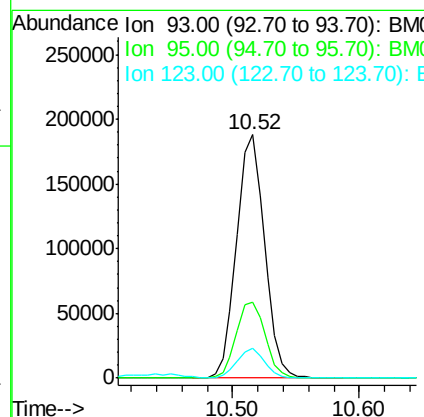
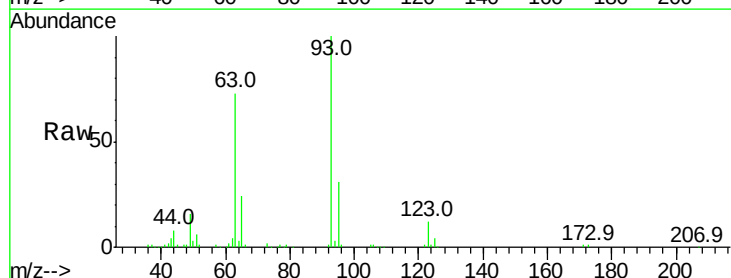
Instrument :
 BNA_M
 ClientSampleId :

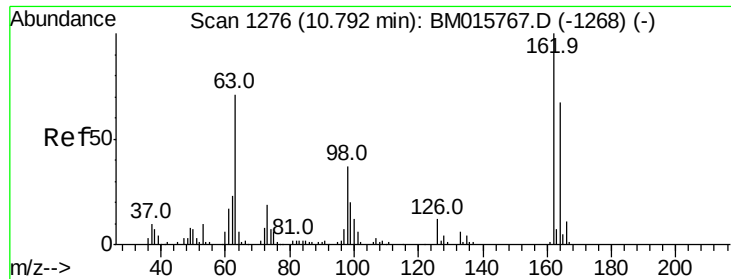
Tot Ion:122 Resp: 215391
 Ion Ratio Lower Upper
 122 100
 107 130.0 84.7 127.1#
 121 60.5 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.890 ng
 RT: 10.52 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BM015901.D
 Acq: 12 Jul 2018 06:38

Tgt Ion: 93 Resp: 287976
 Ion Ratio Lower Upper
 93 100
 95 31.2 25.5 38.3
 123 12.0 8.6 13.0

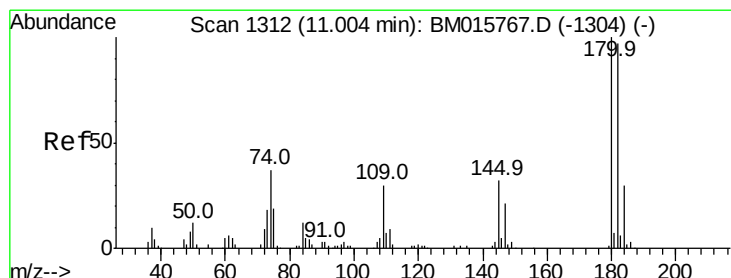
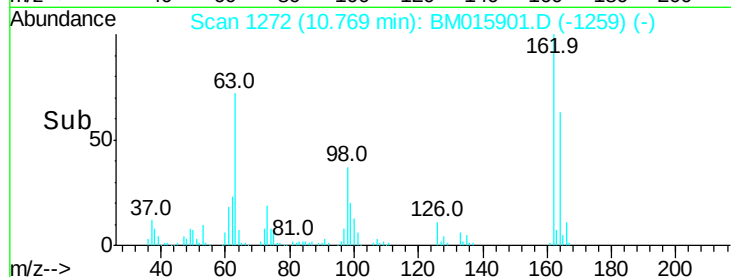
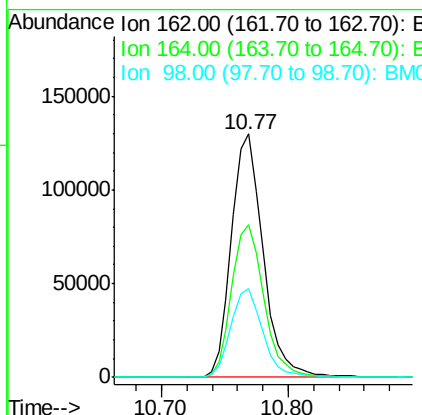
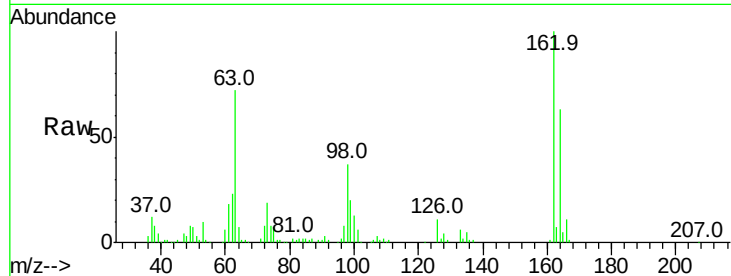




#29
 2,4-Dichlorophenol
 Concen: 42.886 ng
 RT: 10.77 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: BM015901.D
 Acq: 12 Jul 2018 06:38

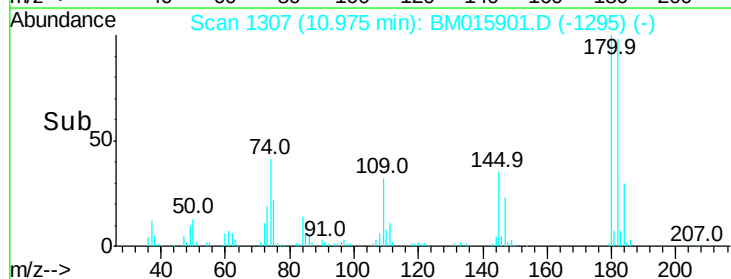
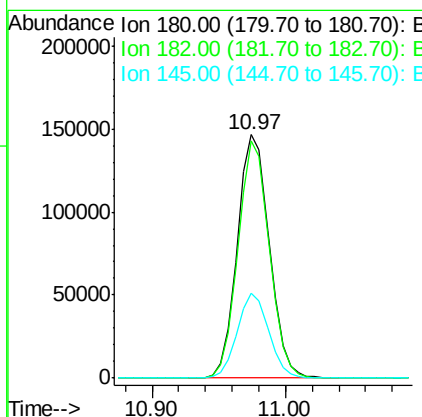
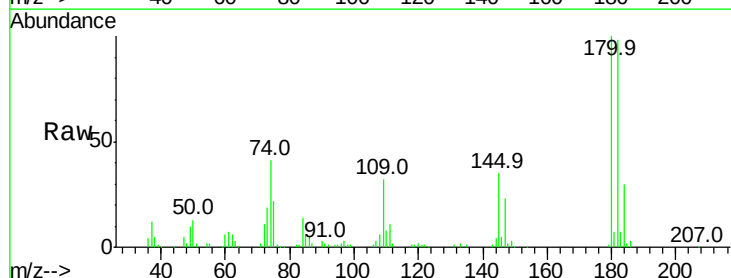
Instrument :
 BNA_M
 ClientSampleId :

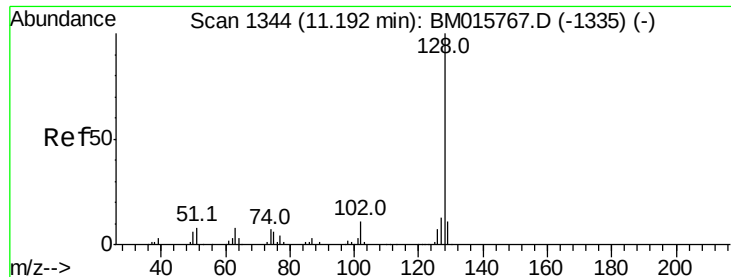
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.8	82.8
98	36.6	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 39.715 ng
 RT: 10.97 min Scan# 1307
 Delta R.T. -0.03 min
 Lab File: BM015901.D
 Acq: 12 Jul 2018 06:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.6	116.4
145	34.8	23.4	35.2

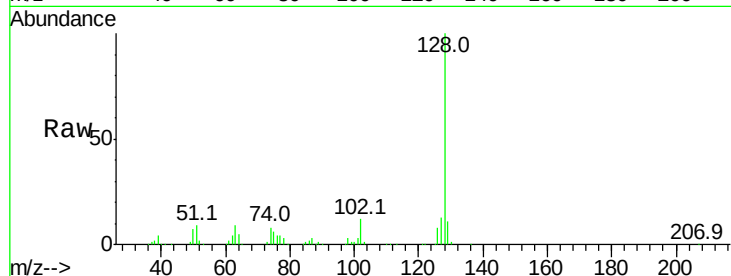




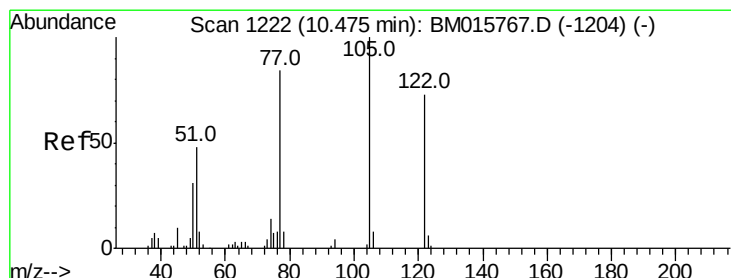
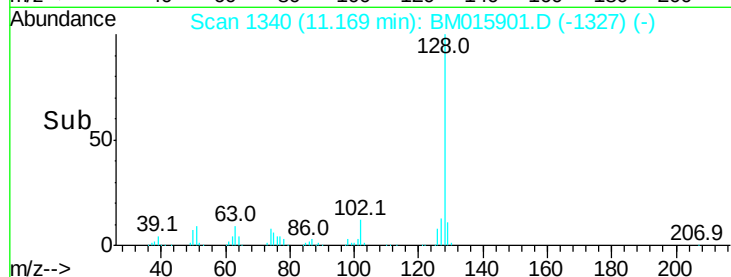
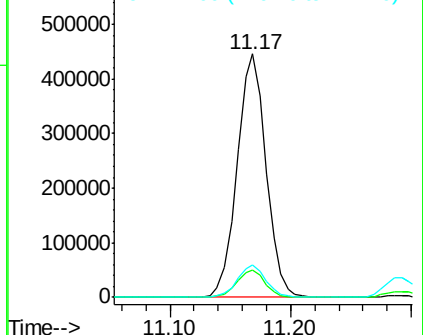
#31
Naphthalene
Concen: 39.542 ng
RT: 11.17 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 744848
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 10.4 15.6

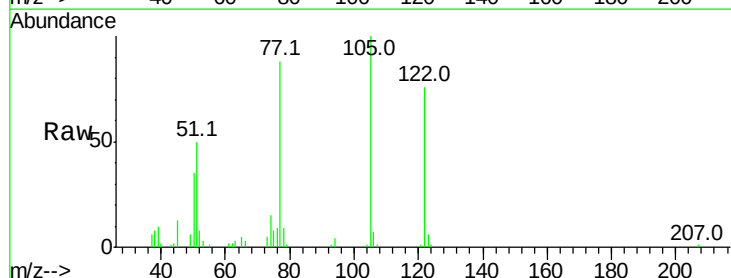


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

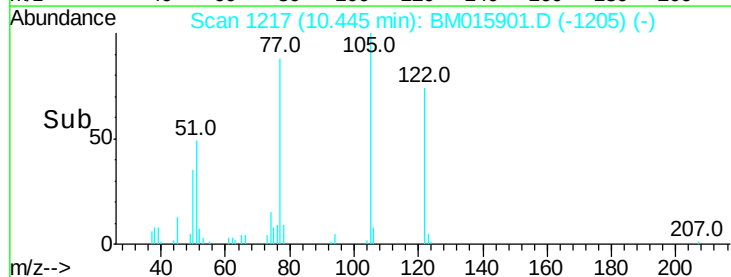
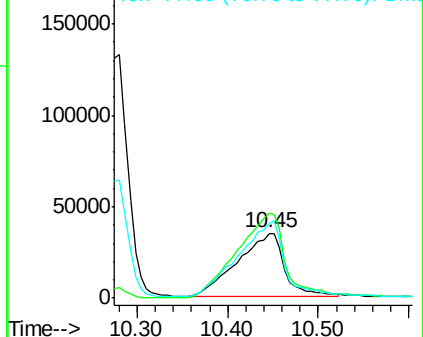


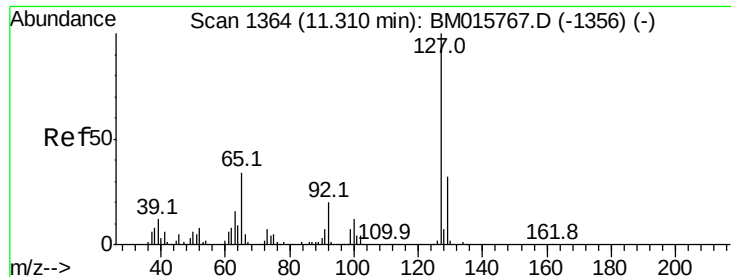
#32
Benzoic acid
Concen: 30.157 ng
RT: 10.45 min Scan# 1217
Delta R.T. -0.03 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Tgt Ion:122 Resp: 126606
Ion Ratio Lower Upper
122 100
105 130.8 99.9 139.9
77 115.0 73.7 113.7#



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

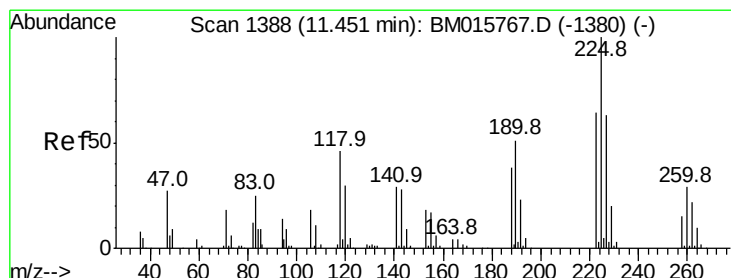
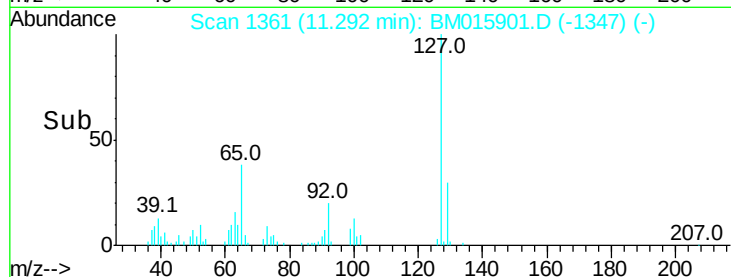
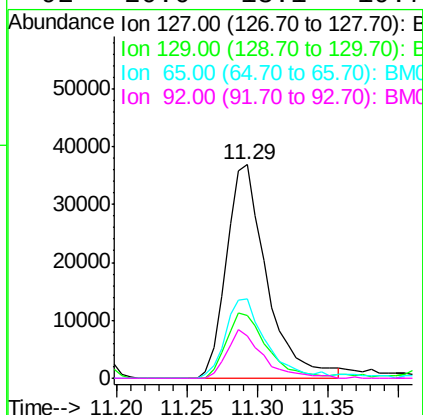
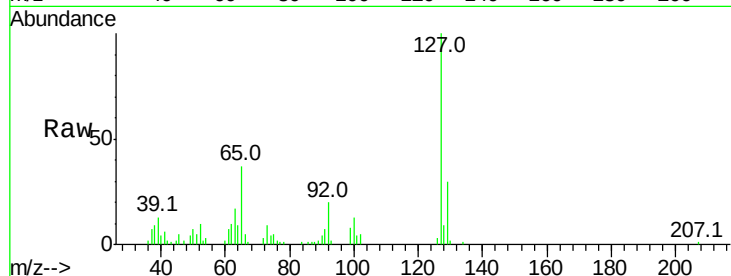




#33
4-Chloroaniline
Concen: 9.563 ng
RT: 11.29 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

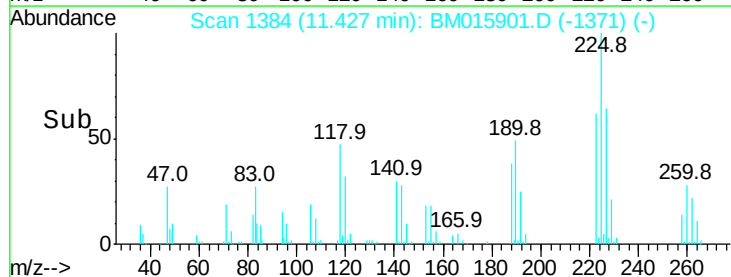
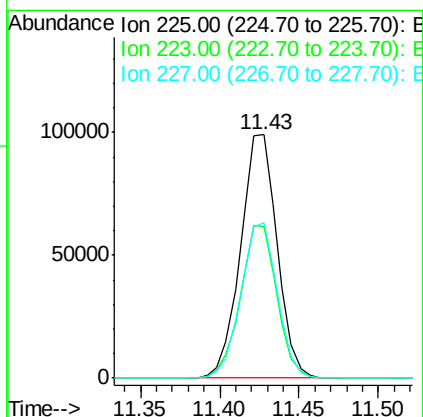
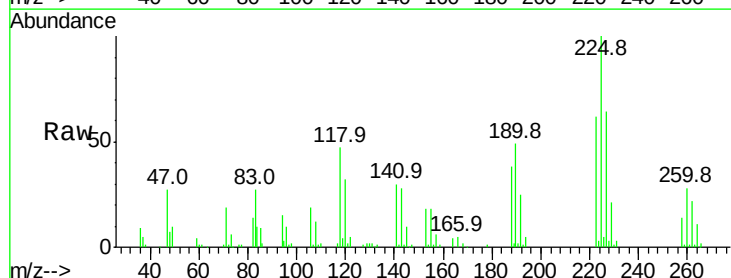
Instrument :
BNA_M
ClientSampleId :

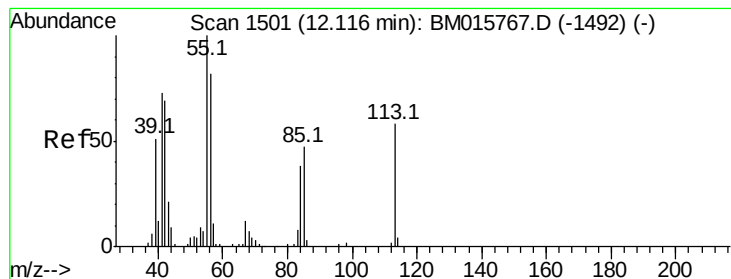
Tot Ion:127 Resp: 73443
Ion Ratio Lower Upper
127 100
129 29.5 25.3 37.9
65 37.4 17.6 26.4#
92 20.0 13.1 19.7#



#34
Hexachlorobutadiene
Concen: 38.889 ng
RT: 11.43 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Tgt Ion:225 Resp: 158310
Ion Ratio Lower Upper
225 100
223 62.3 47.9 71.9
227 63.8 50.1 75.1





#35

Caprolactam

Concen: 32.434 ng

RT: 12.09 min Scan# 1496

Delta R.T. -0.03 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Instrument :

BNA_M

ClientSampleId :

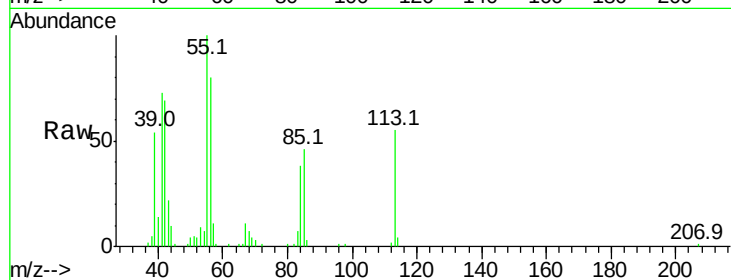
Tot Ion:113 Resp: 56490

Ion Ratio Lower Upper

113 100

55 180.5 145.9 185.9

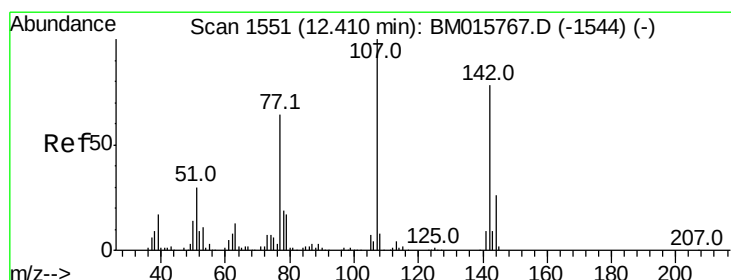
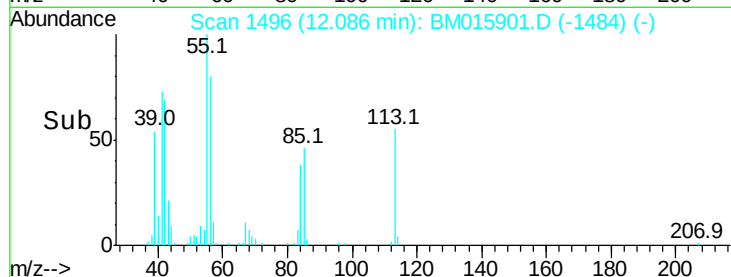
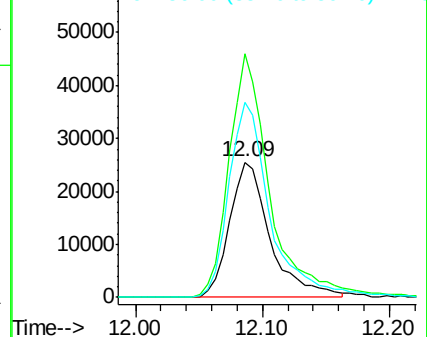
56 145.0 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 38.853 ng

RT: 12.39 min Scan# 1548

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

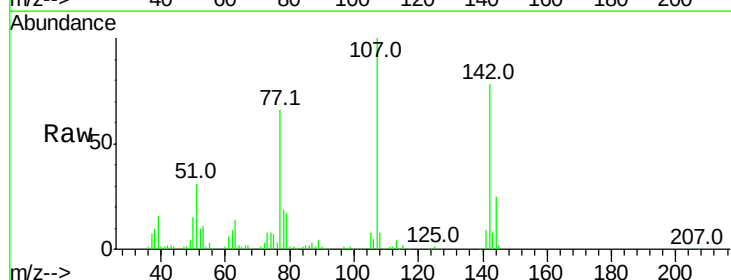
Tgt Ion:107 Resp: 234125

Ion Ratio Lower Upper

107 100

144 25.3 23.3 34.9

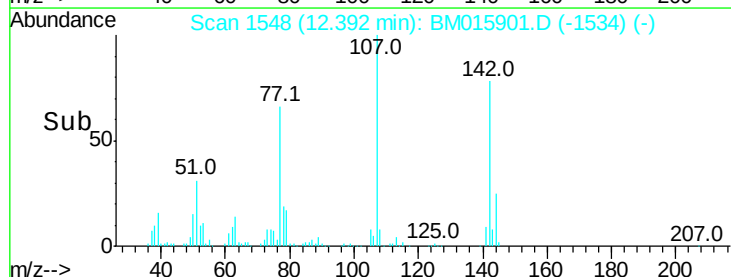
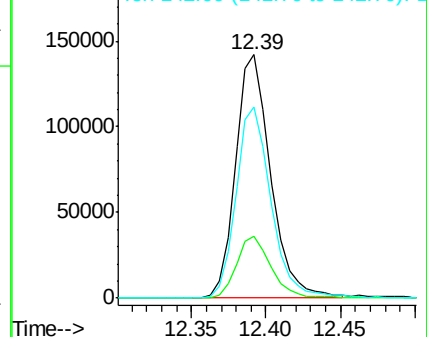
142 78.5 72.6 109.0

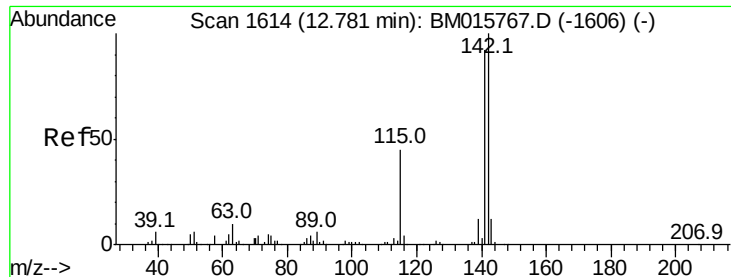


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

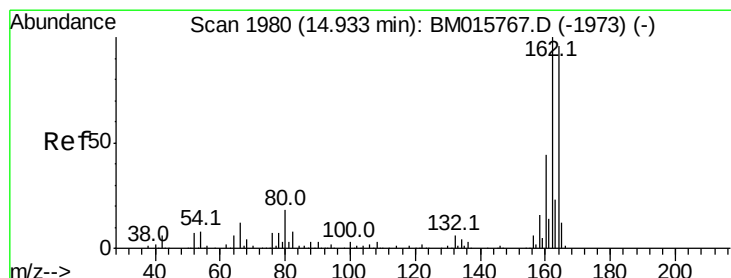
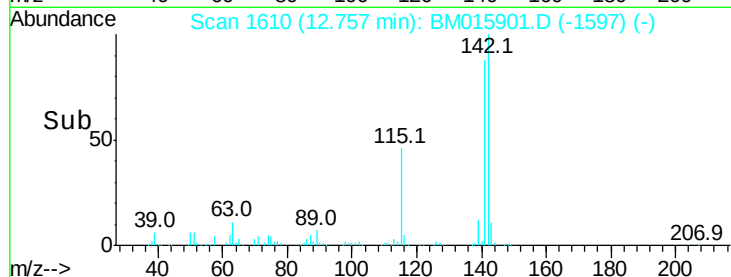
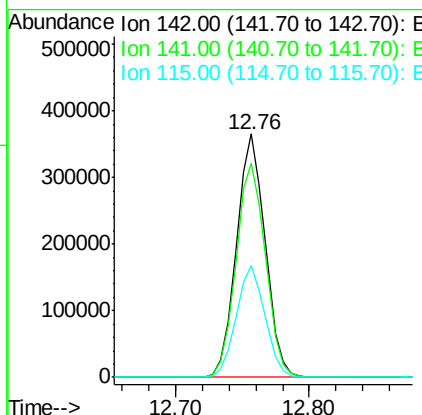
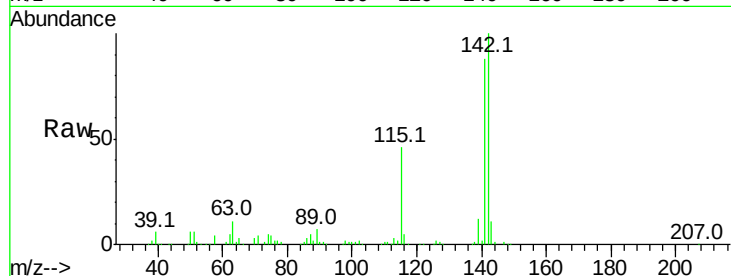




#37
 2-Methylnaphthalene
 Concen: 40.559 ng
 RT: 12.76 min Scan# 1610
 Delta R.T. -0.02 min
 Lab File: BM015901.D
 Acq: 12 Jul 2018 06:38

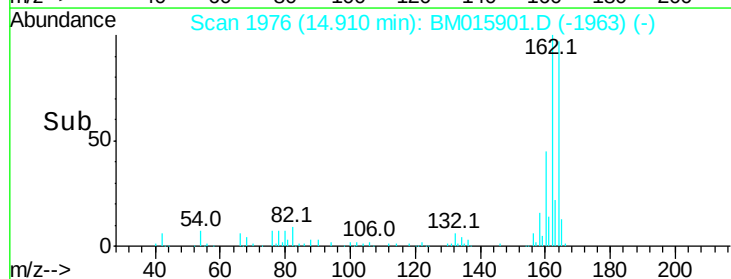
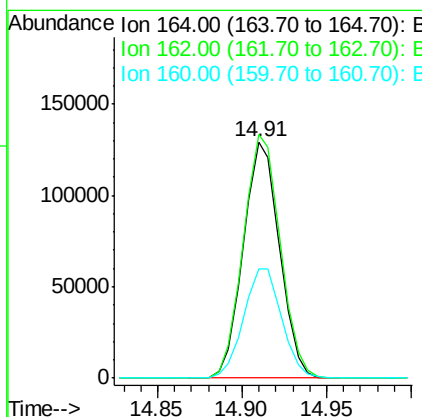
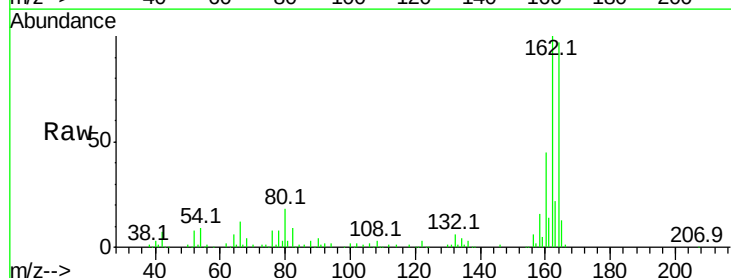
Instrument :
 BNA_M
 ClientSampled :

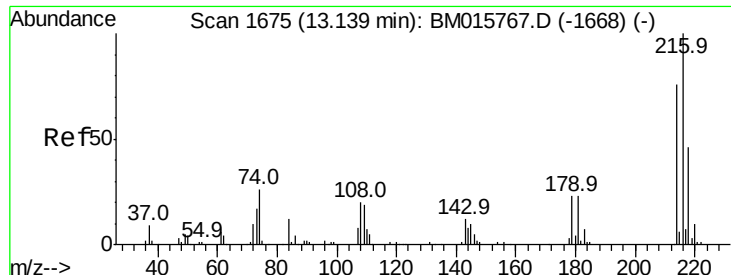
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.9	107.9
115	45.9	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.91 min Scan# 1976
 Delta R.T. -0.02 min
 Lab File: BM015901.D
 Acq: 12 Jul 2018 06:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.4	123.6
160	46.0	35.8	53.6

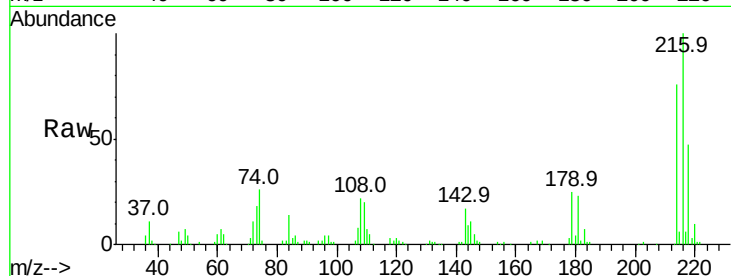




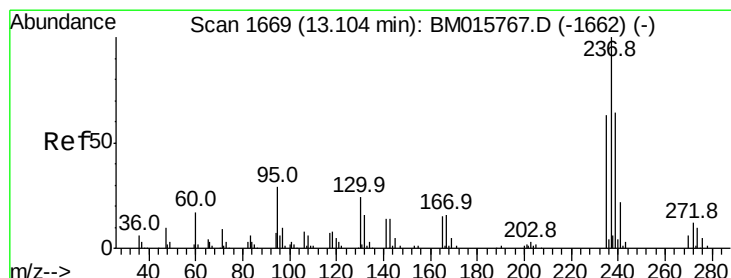
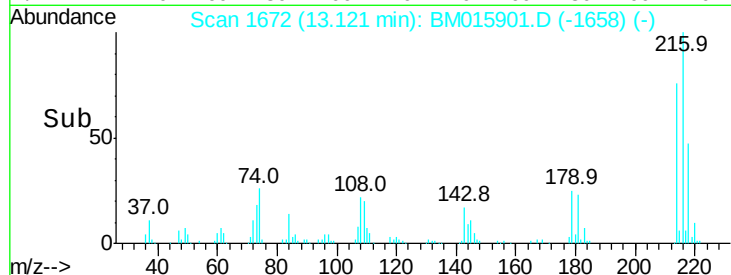
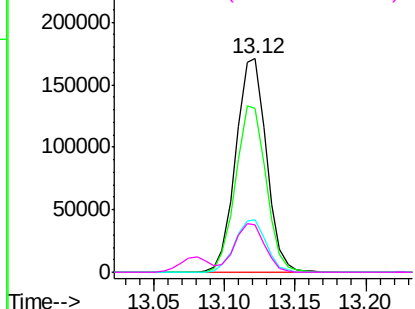
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.835 ng
 RT: 13.12 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BM015901.D
 Acq: 12 Jul 2018 06:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	216	Resp:	258917
Ion	Ratio	Lower	Upper
216	100		
214	77.6	0.0	0.0#
179	24.9	0.0	0.0#
108	22.7	0.0	0.0#

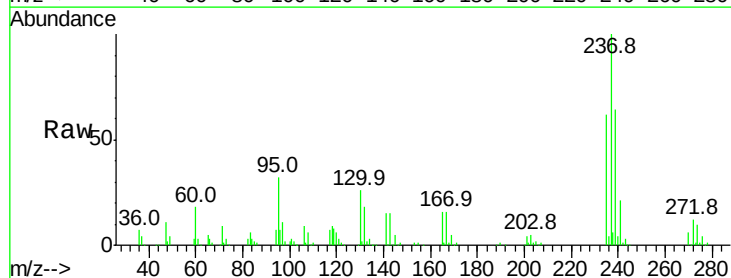


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

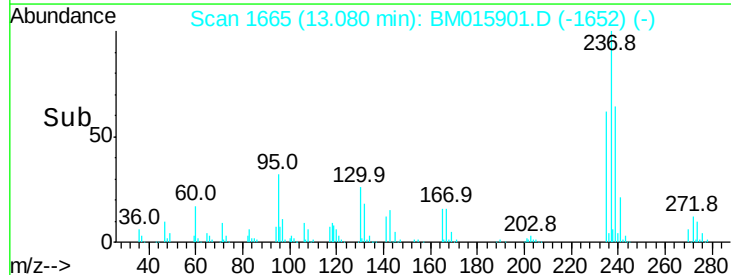
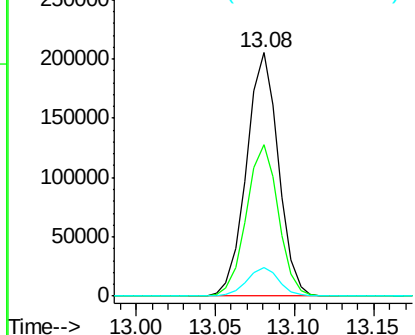


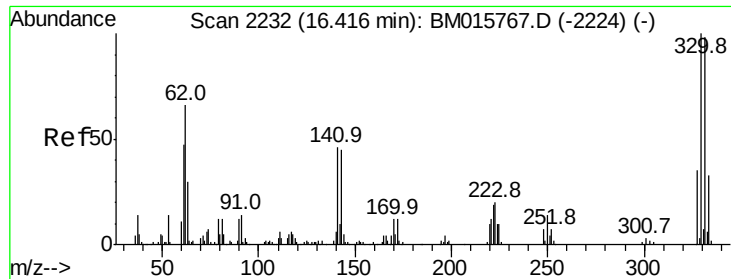
#40
 Hexachlorocyclopentadiene
 Concen: 97.264 ng
 RT: 13.08 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BM015901.D
 Acq: 12 Jul 2018 06:38

Tgt Ion:	237	Resp:	287780
Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.0	82.0
272	11.7	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

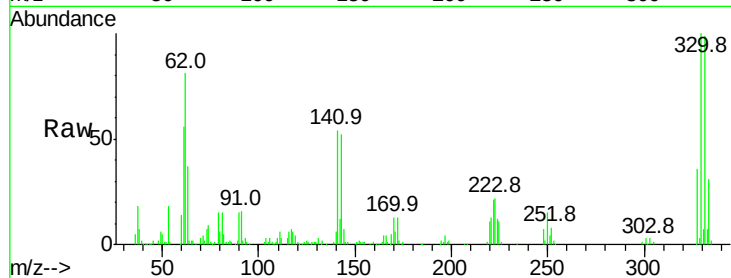




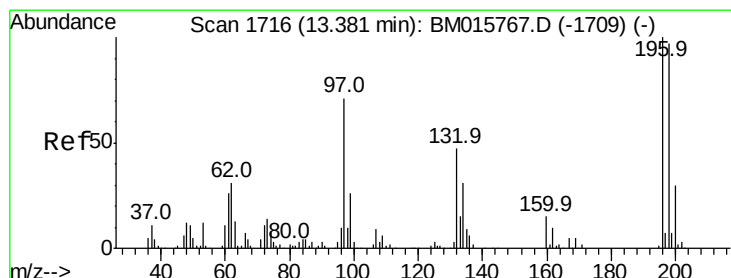
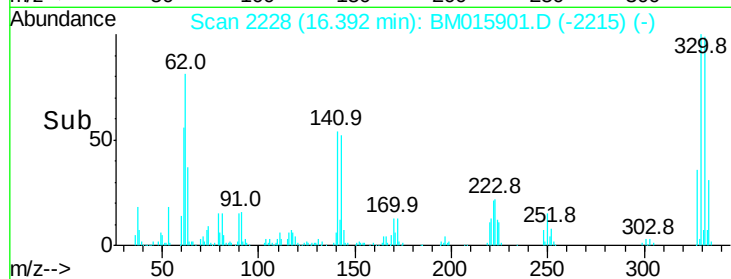
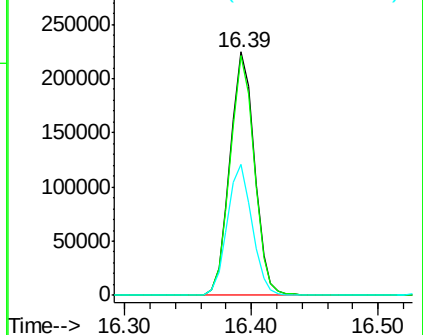
#41
 2,4,6-Tribromophenol
 Concen: 97.264 ng
 RT: 16.39 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BM015901.D
 Acq: 12 Jul 2018 06:38

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	54.3	0.0	0.0#

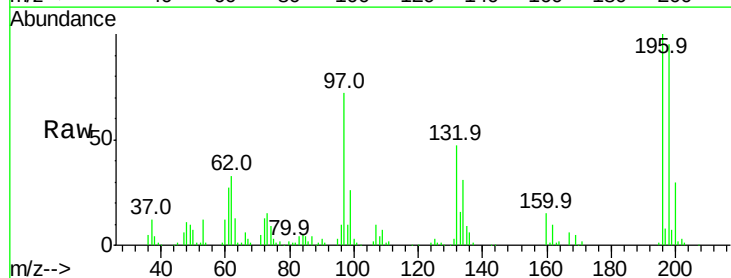


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

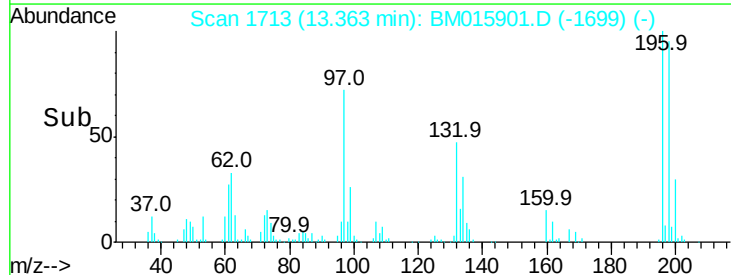
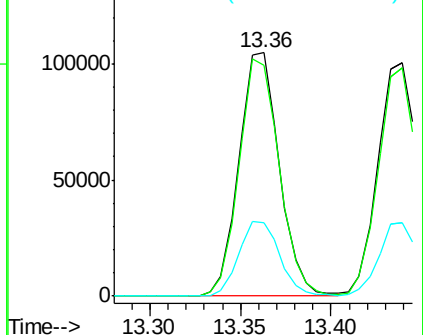


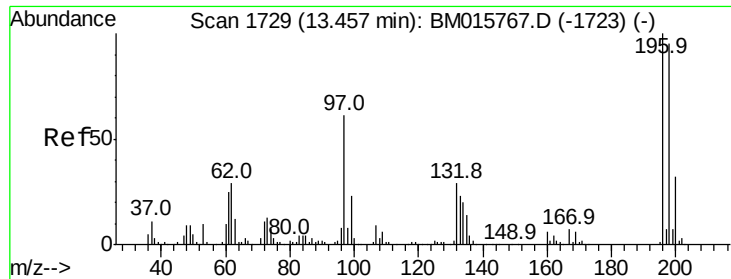
#42
 2,4,6-Trichlorophenol
 Concen: 41.643 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BM015901.D
 Acq: 12 Jul 2018 06:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.3	114.5
200	30.3	25.6	38.4



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

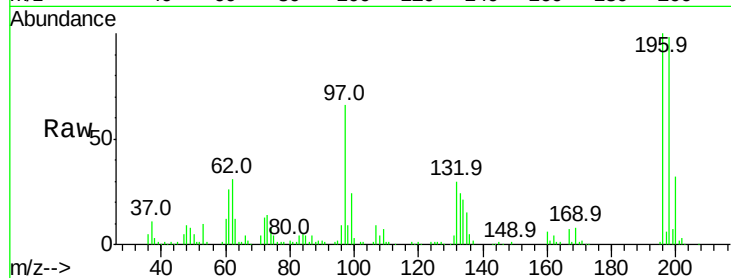




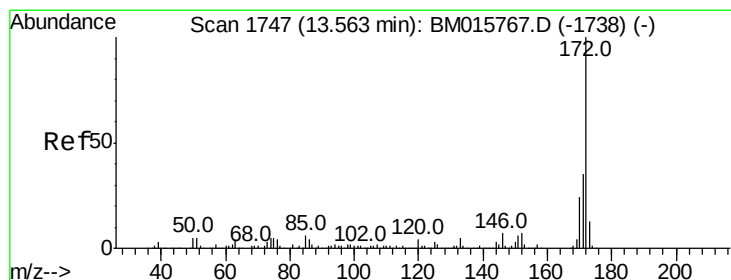
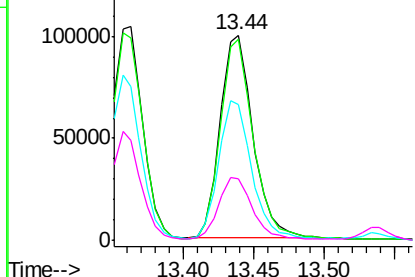
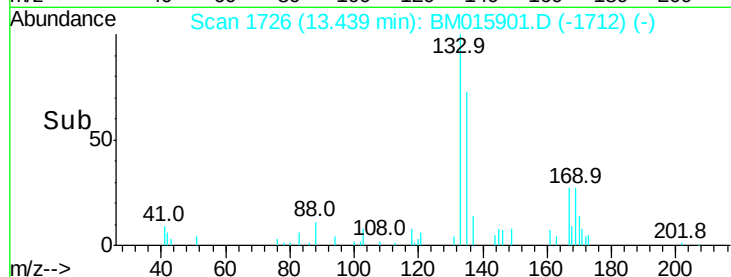
#43
2,4,5-Trichlorophenol
Concen: 38.579 ng
RT: 13.44 min Scan# 1726
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:196 Resp: 163042
Ion Ratio Lower Upper
196 100
198 97.7 79.4 119.0
97 66.3 26.8 40.2#
132 30.3 18.6 28.0#

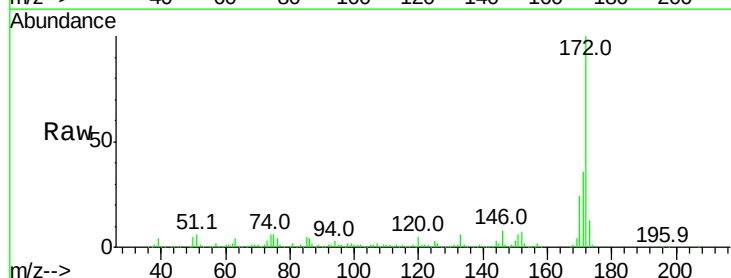


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BM
Ion 132.00 (131.70 to 132.70): E

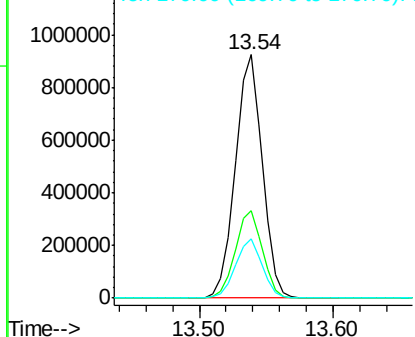
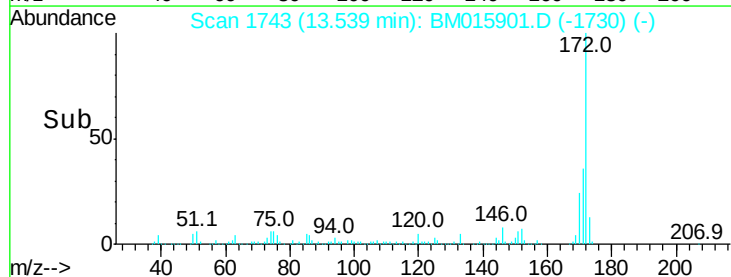


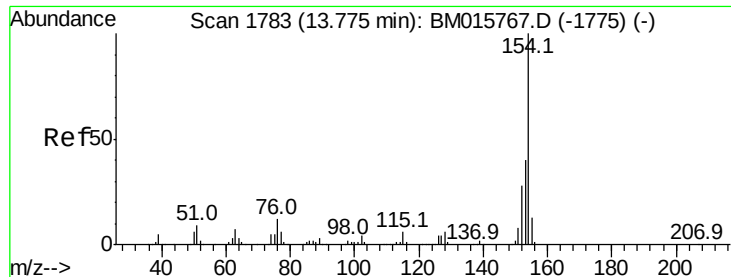
#44
2-Fluorobiphenyl
Concen: 38.579 ng
RT: 13.54 min Scan# 1743
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Tgt Ion:172 Resp: 1293161
Ion Ratio Lower Upper
172 100
171 36.0 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: 40.371 ng

RT: 13.75 min Scan# 1779

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Instrument :

BNA_M

ClientSampleId :

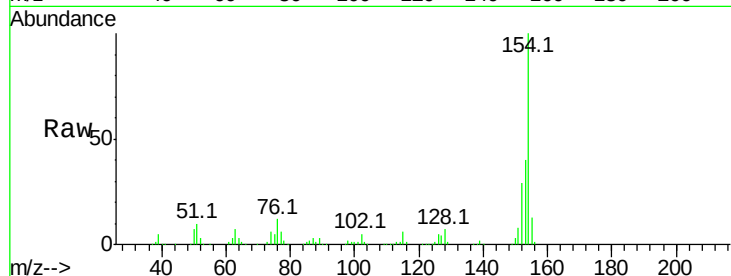
Tot Ion:154 Resp: 673078

Ion Ratio Lower Upper

154 100

153 40.4 20.7 60.7

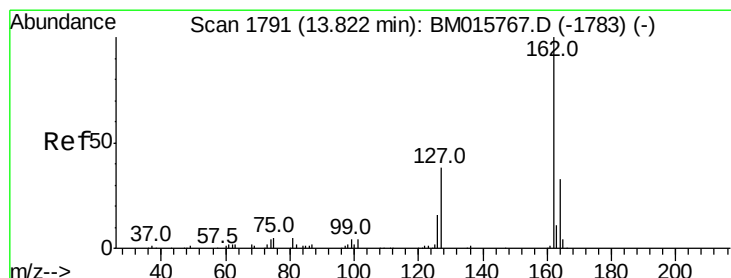
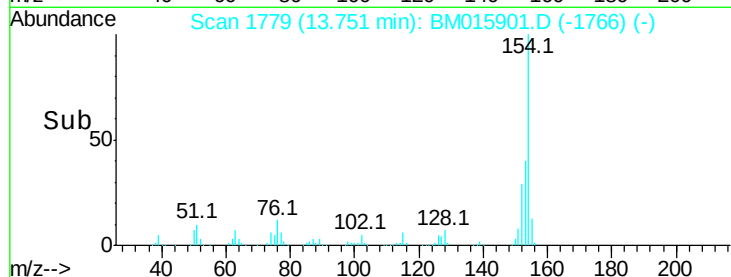
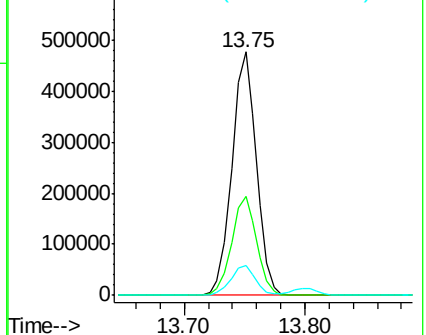
76 12.2 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 41.427 ng

RT: 13.80 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

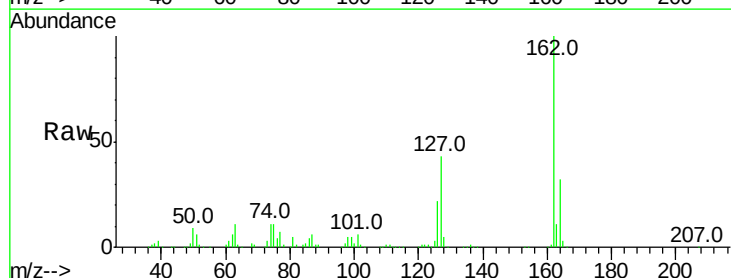
Tgt Ion:162 Resp: 516410

Ion Ratio Lower Upper

162 100

127 42.8 26.9 40.3#

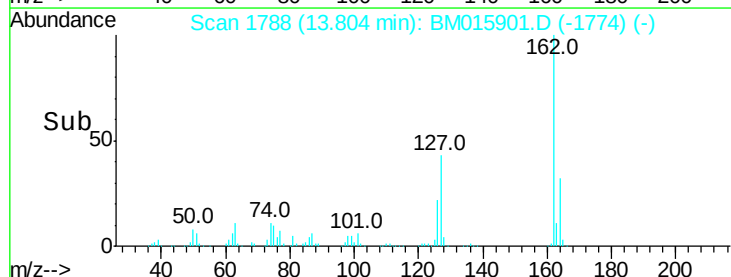
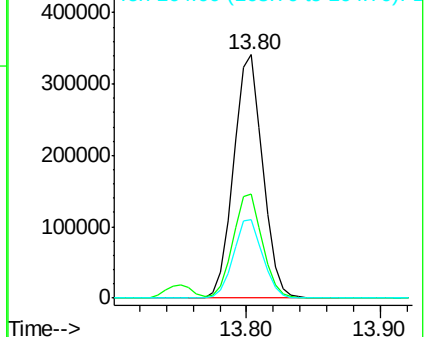
164 32.4 26.8 40.2

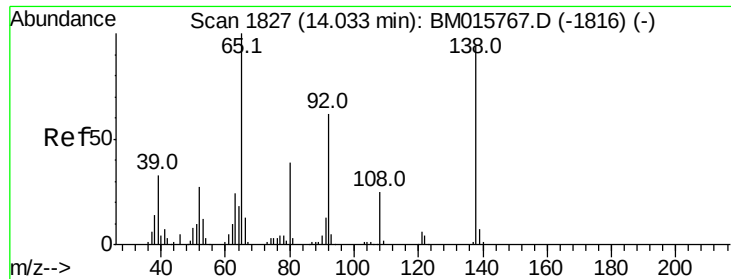


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

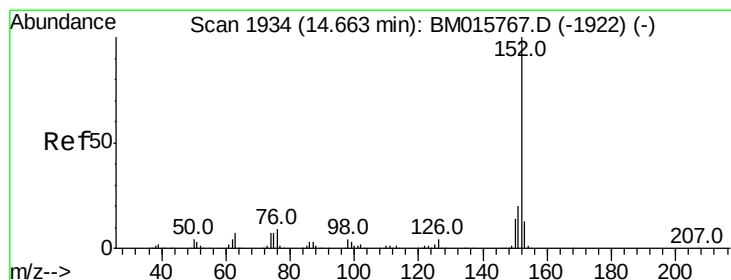
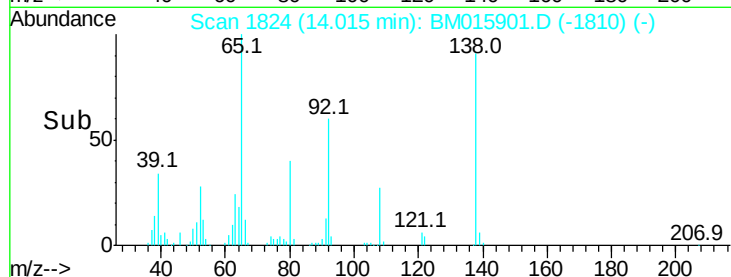
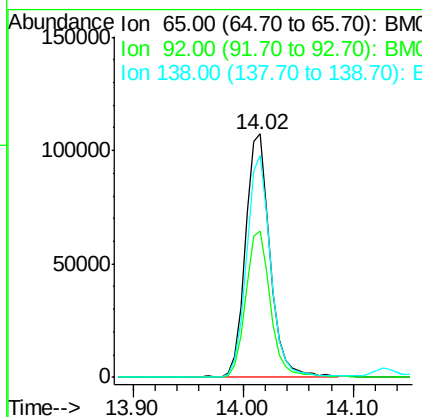
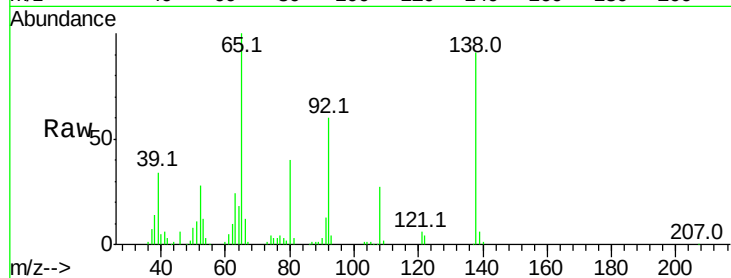




#47
2-Nitroaniline
Concen: 38.692 ng
RT: 14.02 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

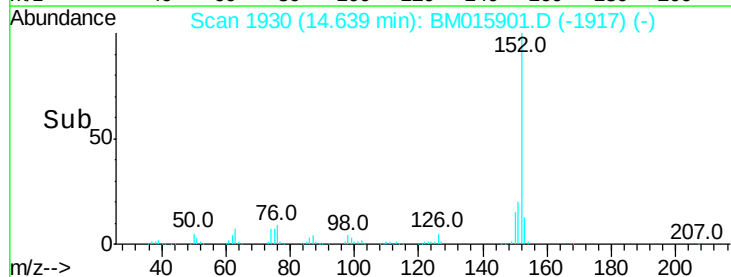
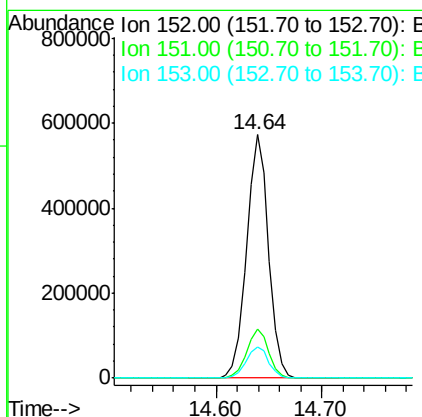
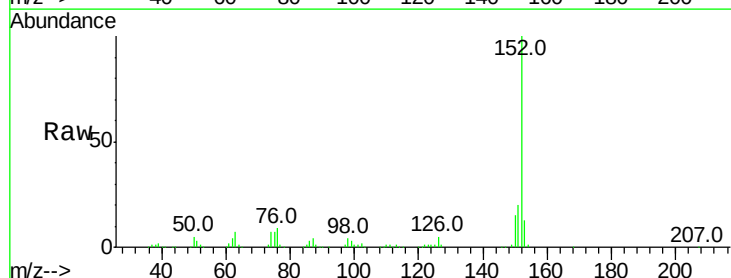
Instrument :
BNA_M
ClientSampled :

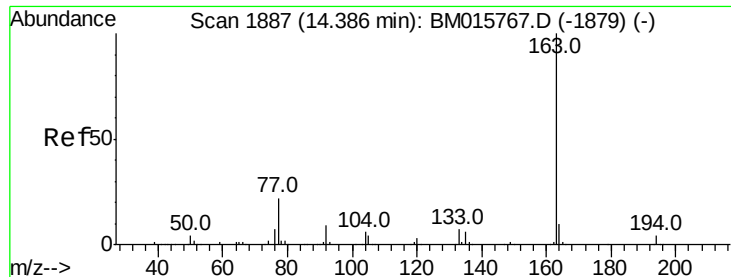
Tot Ion: 65 Resp: 168194
Ion Ratio Lower Upper
65 100
92 60.0 59.1 88.7
138 91.0 93.9 140.9#



#48
Acenaphthylene
Concen: 40.529 ng
RT: 14.64 min Scan# 1930
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Tgt Ion: 152 Resp: 821861
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 12.9 10.6 16.0





#49

Dimethylphthalate

Concen: 37.353 ng

RT: 14.36 min Scan# 1883

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Instrument :

BNA_M

ClientSampleId :

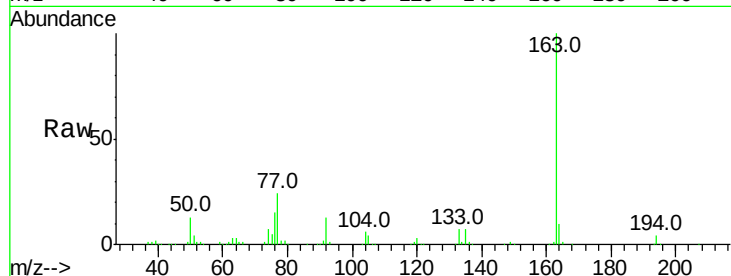
Tot Ion:163 Resp: 635245

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

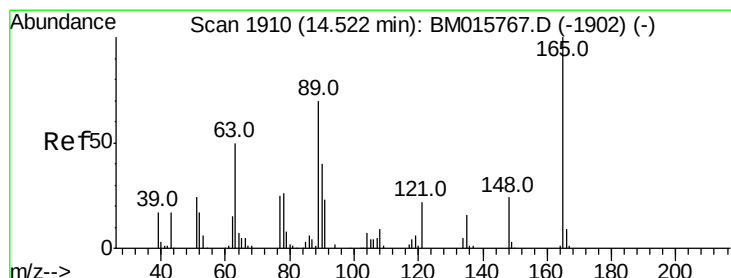
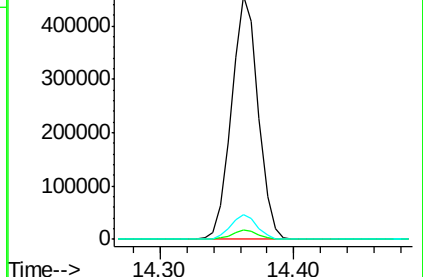
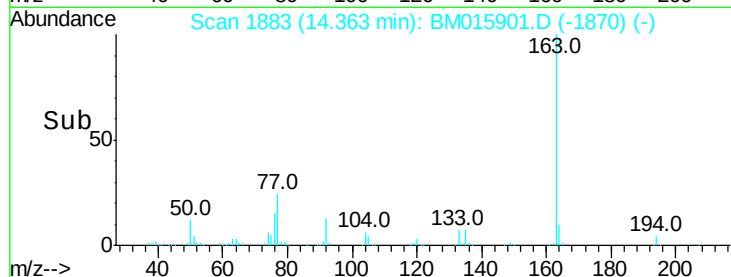
164 10.0 8.2 12.2



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: 39.818 ng

RT: 14.50 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

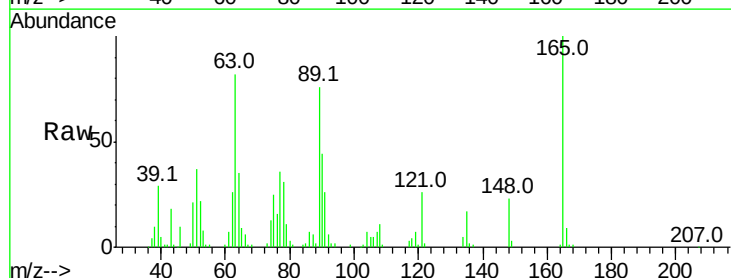
Tgt Ion:165 Resp: 132033

Ion Ratio Lower Upper

165 100

63 81.9 44.1 66.1#

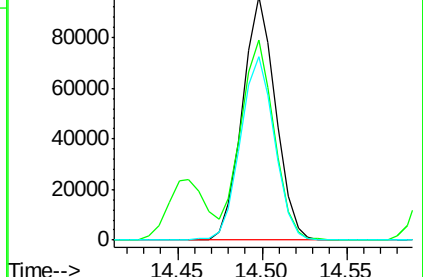
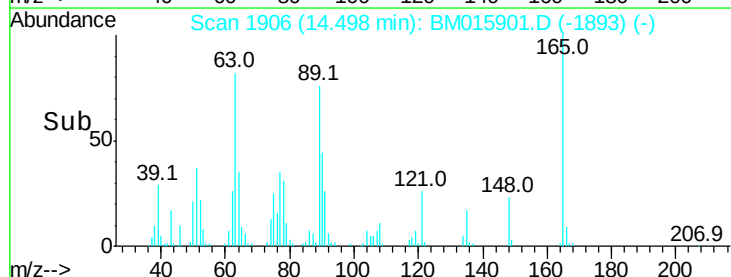
89 75.5 44.3 66.5#

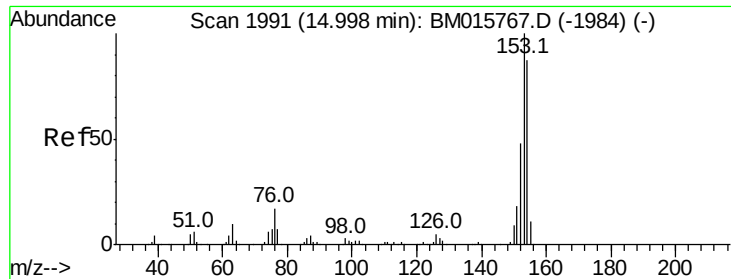


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 37.509 ng

RT: 14.97 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Instrument :

BNA_M

ClientSampled :

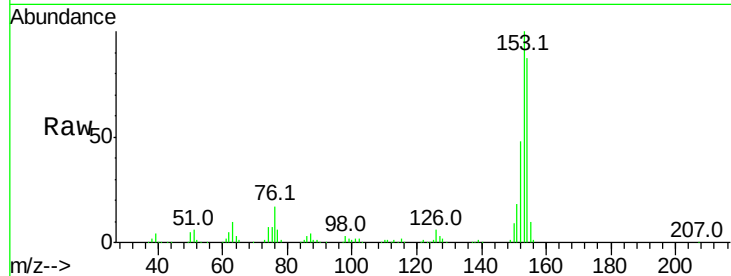
Tot Ion:154 Resp: 473303

Ion Ratio Lower Upper

154 100

153 115.5 90.0 135.0

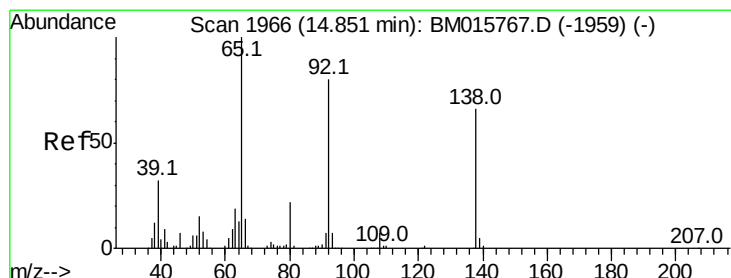
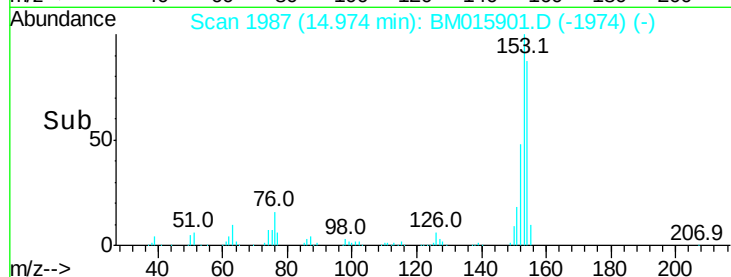
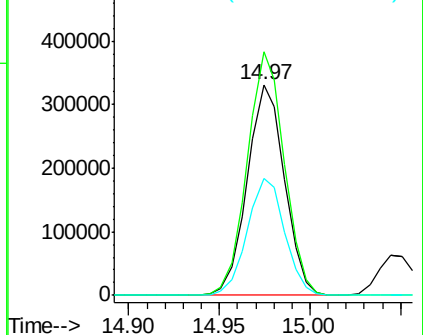
152 55.3 42.6 63.8



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: 18.293 ng

RT: 14.83 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

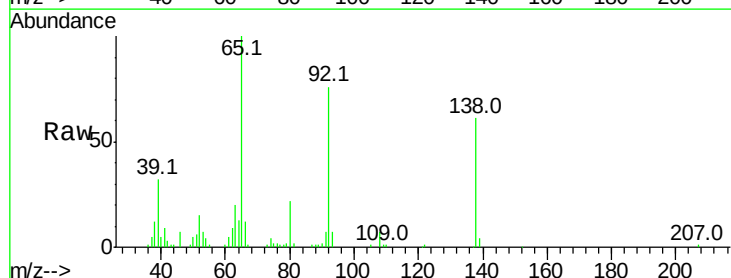
Tgt Ion:138 Resp: 66394

Ion Ratio Lower Upper

138 100

108 11.8 7.3 10.9#

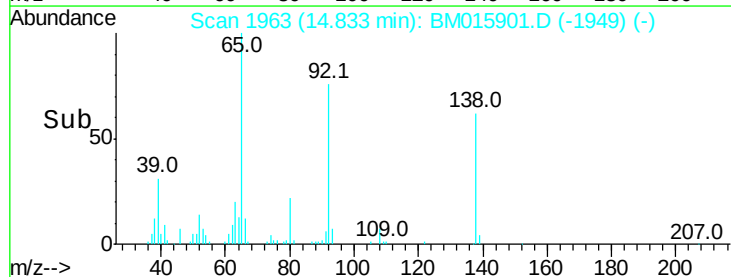
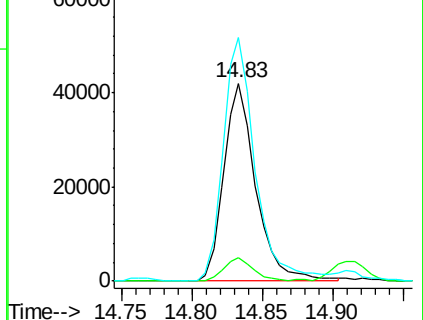
92 123.2 76.6 114.8#

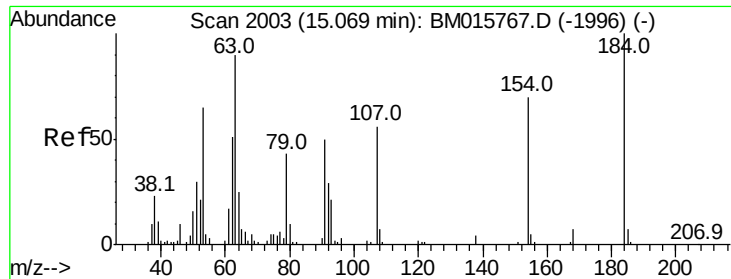


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

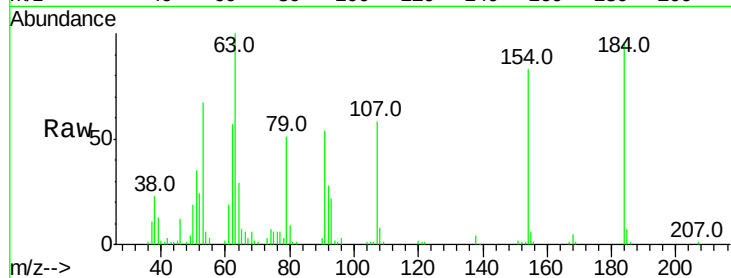




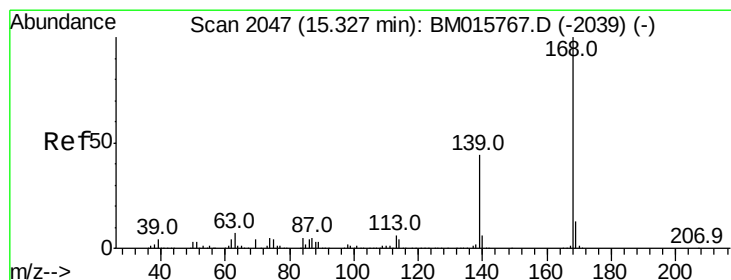
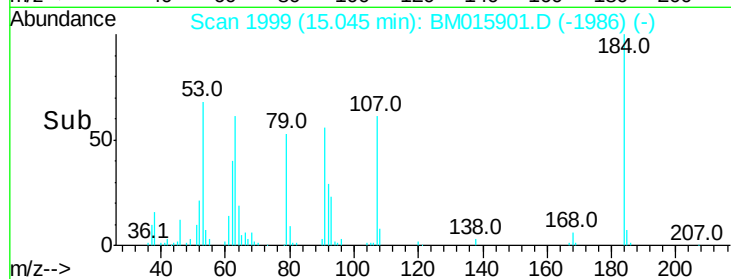
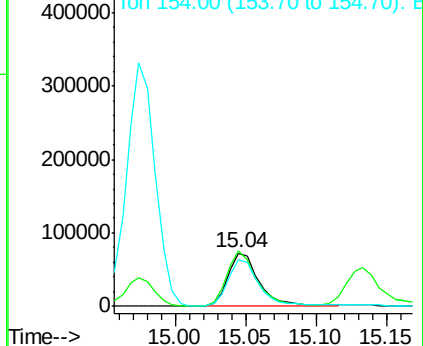
#53
2,4-Dinitrophenol
Concen: 69.021 ng
RT: 15.04 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:184 Resp: 112784
Ion Ratio Lower Upper
184 100
63 104.5 69.2 103.8#
154 87.3 53.3 79.9#

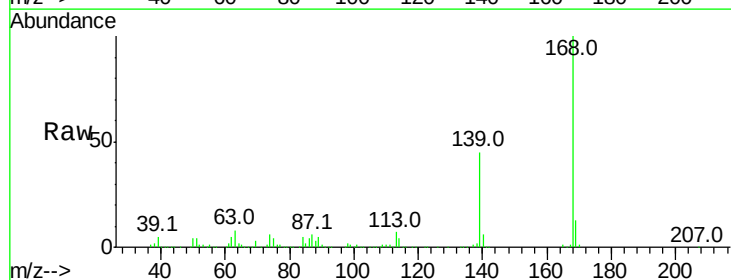


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

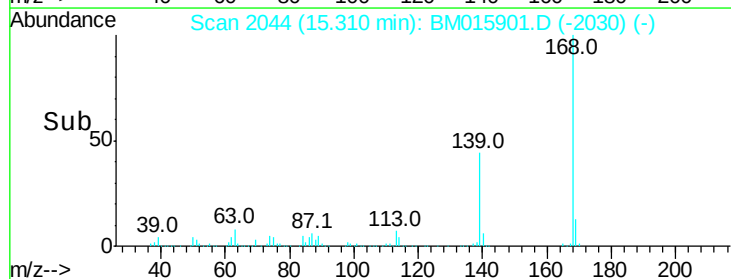
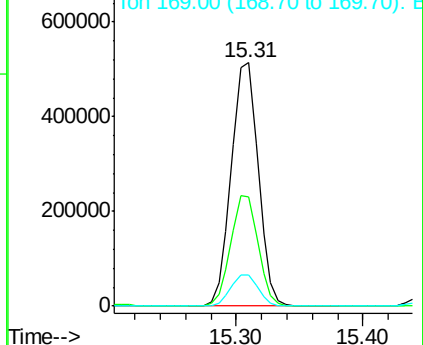


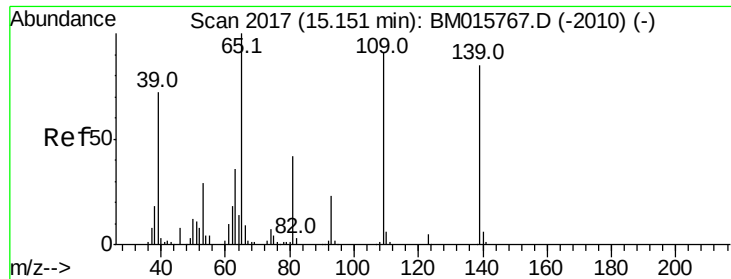
#54
Dibenzofuran
Concen: 38.904 ng
RT: 15.31 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Tgt Ion:168 Resp: 756434
Ion Ratio Lower Upper
168 100
139 44.7 27.3 40.9#
169 12.8 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: 71.372 ng

RT: 15.13 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Instrument :

BNA_M

ClientSampleId :

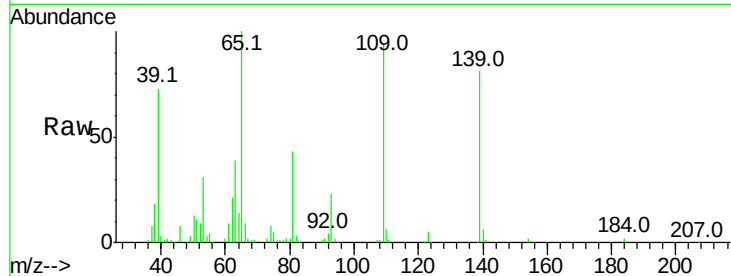
Tot Ion:139 Resp: 191176

Ion Ratio Lower Upper

139 100

109 115.1 130.0 170.0#

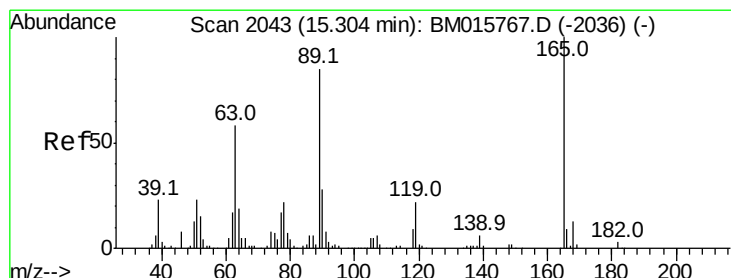
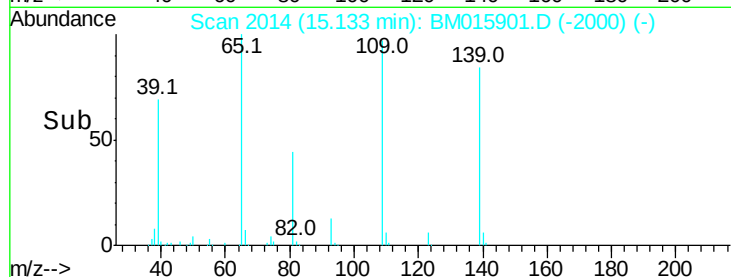
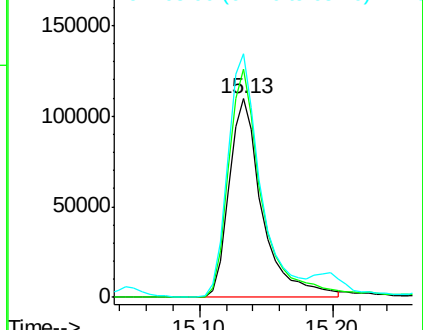
65 122.8 130.0 170.0#



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: 37.457 ng

RT: 15.29 min Scan# 2040

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Tgt Ion:165 Resp: 179315

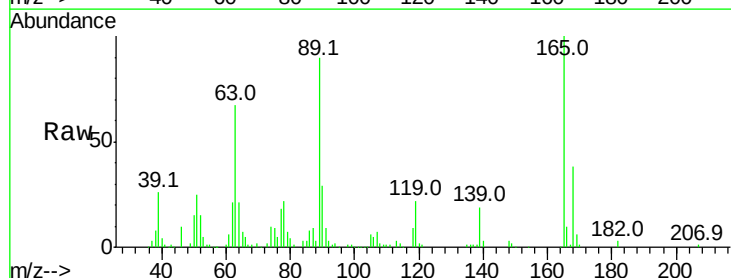
Ion Ratio Lower Upper

165 100

63 66.8 52.4 78.6

89 89.9 72.4 108.6

182 2.8 2.0 3.0

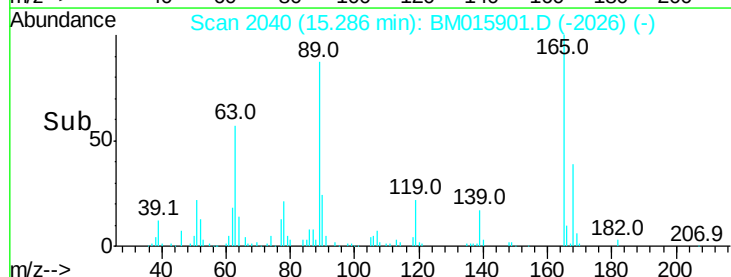
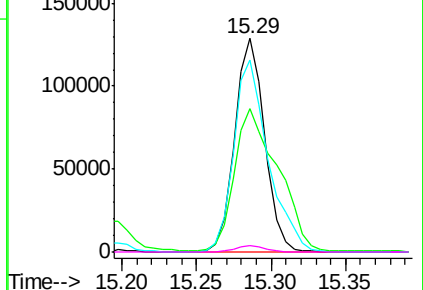


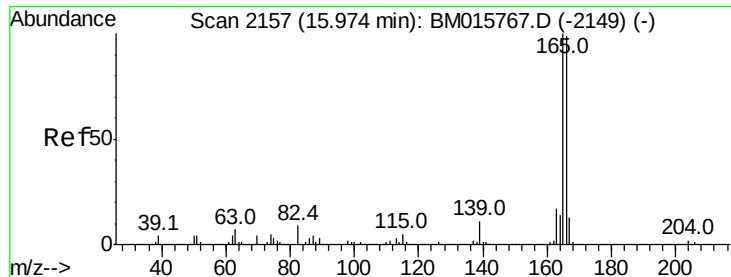
Abundance Ion 165.00 (164.70 to 165.70): E

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

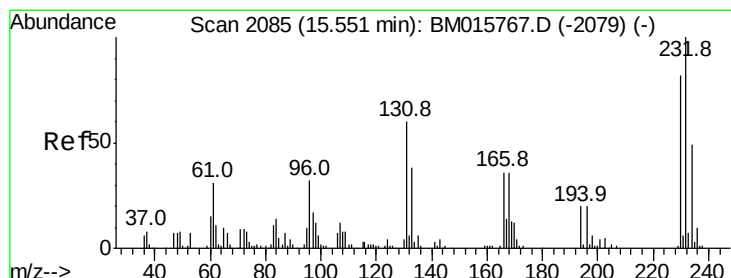
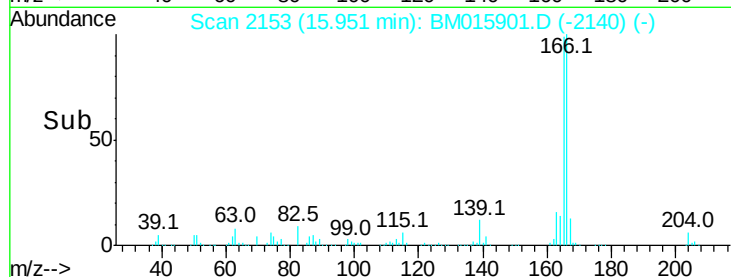
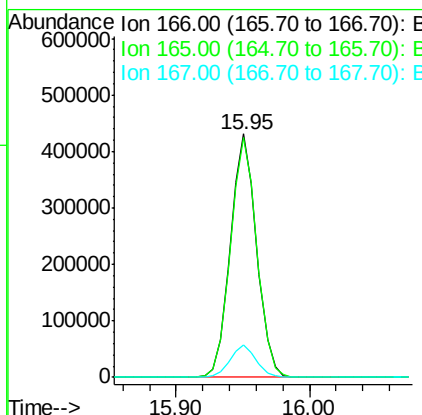
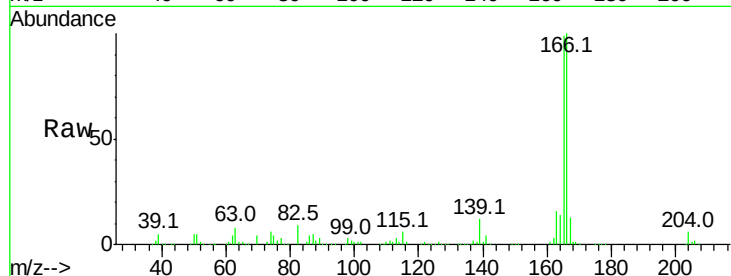




#57
 Fluorene
 Concen: 36.737 ng
 RT: 15.95 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM015901.D
 Acq: 12 Jul 2018 06:38

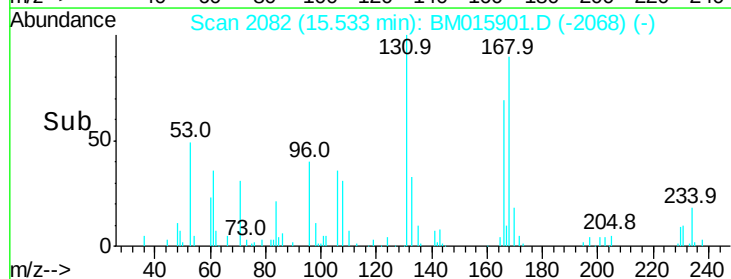
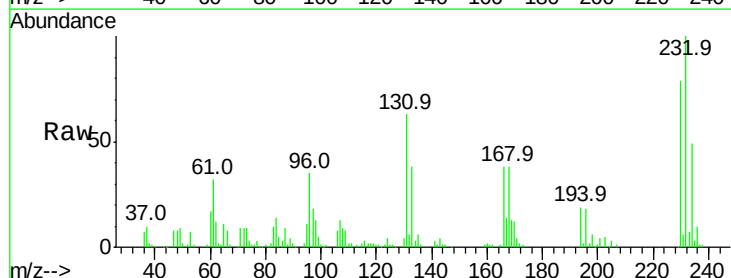
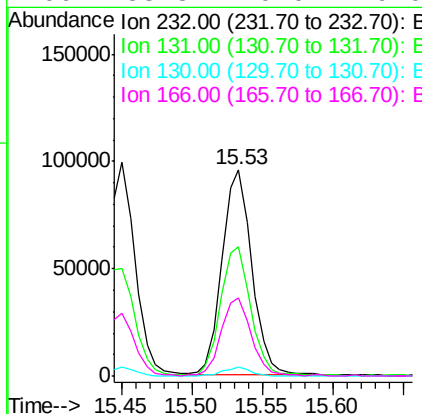
Instrument :
 BNA_M
 ClientSampled :

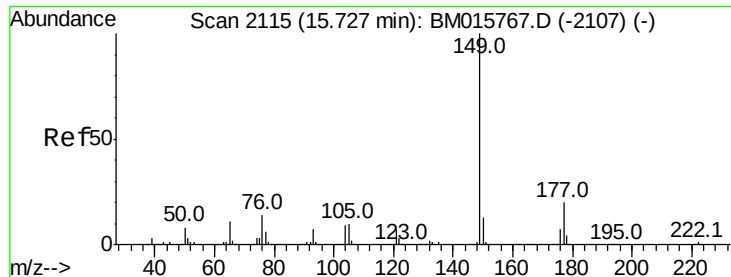
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.0	118.4
167	13.3	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.096 ng
 RT: 15.53 min Scan# 2082
 Delta R.T. -0.02 min
 Lab File: BM015901.D
 Acq: 12 Jul 2018 06:38

Tgt Ion	Ratio	Lower	Upper
232	100		
131	63.2	0.0	0.0#
130	4.1	0.0	0.0#
166	38.8	0.0	0.0#

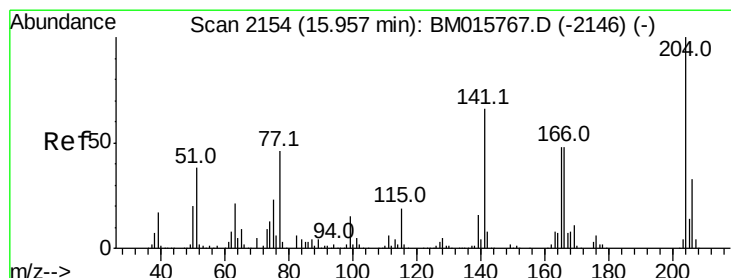
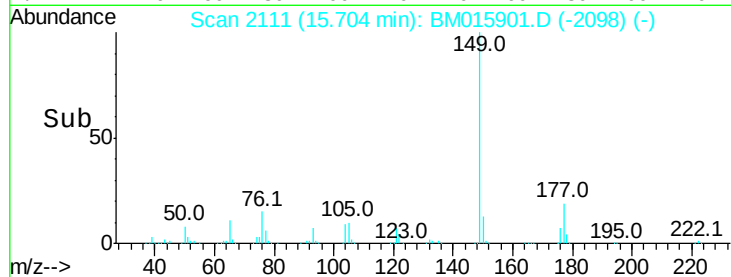
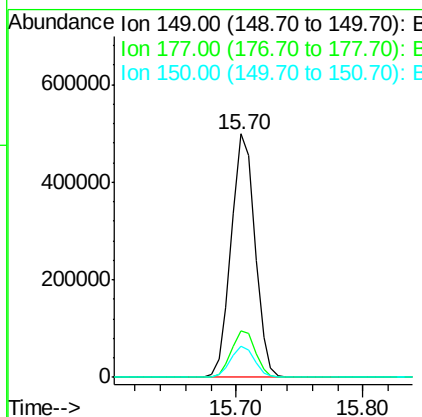
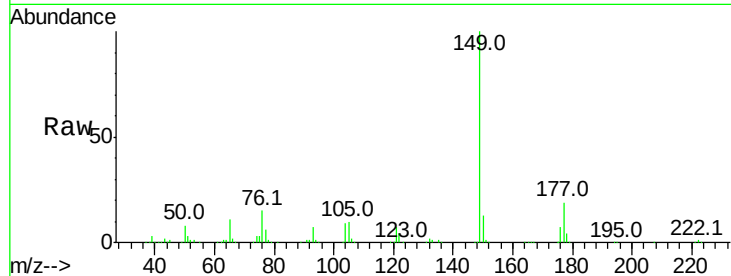




#59
Diethylphthalate
Concen: 35.355 ng
RT: 15.70 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

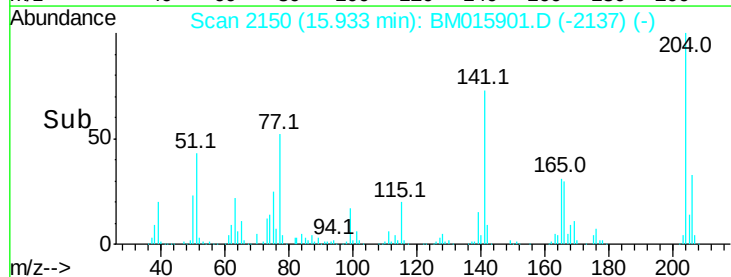
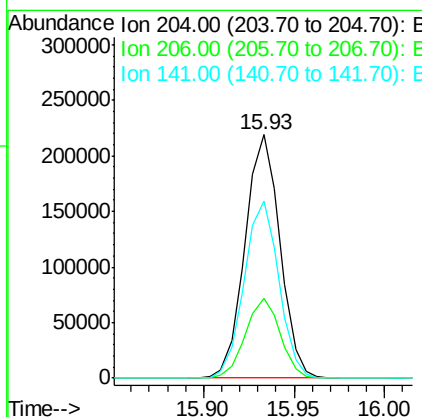
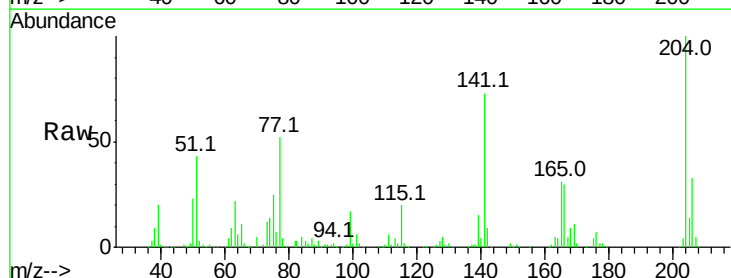
Instrument :
BNA_M
ClientSampleId :

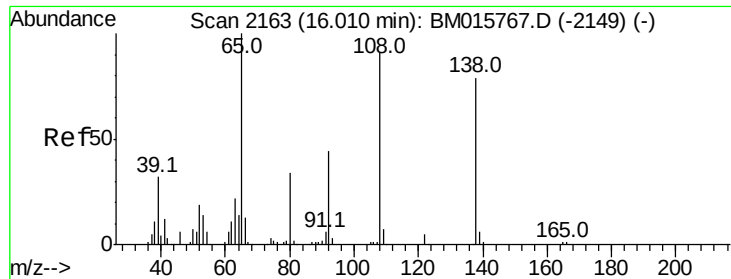
Tot Ion:149 Resp: 644322
Ion Ratio Lower Upper
149 100
177 19.3 18.3 27.5
150 13.0 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 35.492 ng
RT: 15.93 min Scan# 2150
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Tgt Ion:204 Resp: 292830
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 72.5 45.2 67.8#

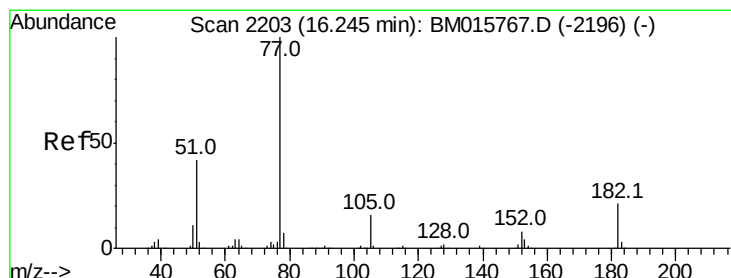
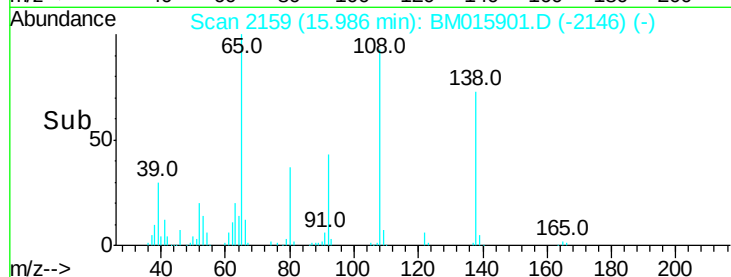
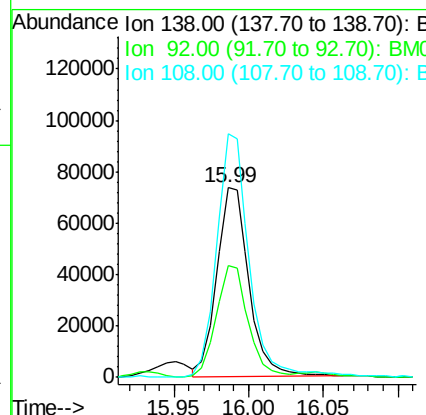
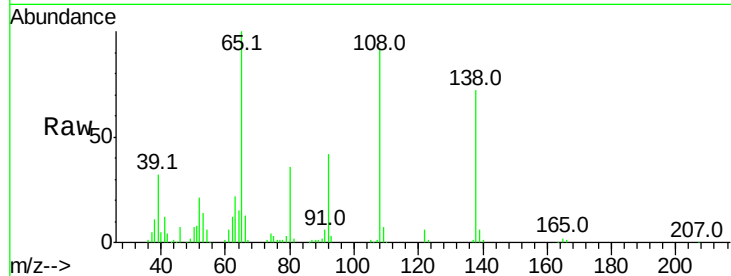




#61
4-Nitroaniline
Concen: 29.323 ng
RT: 15.99 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

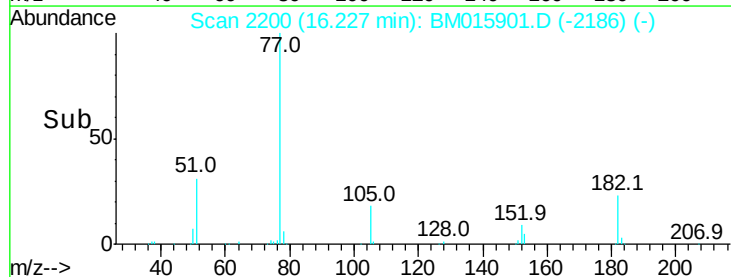
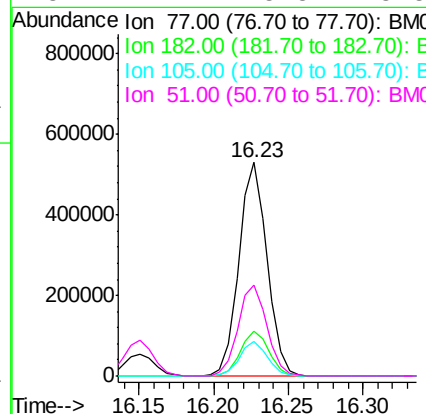
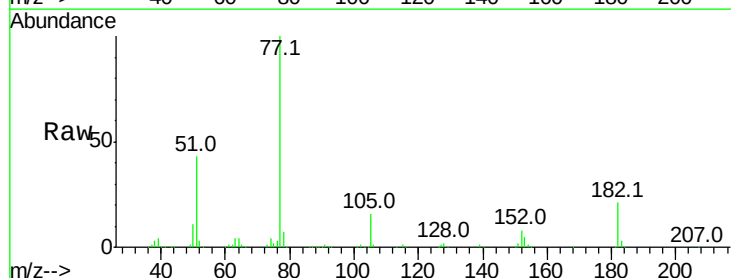
Instrument :
BNA_M
ClientSampleId :

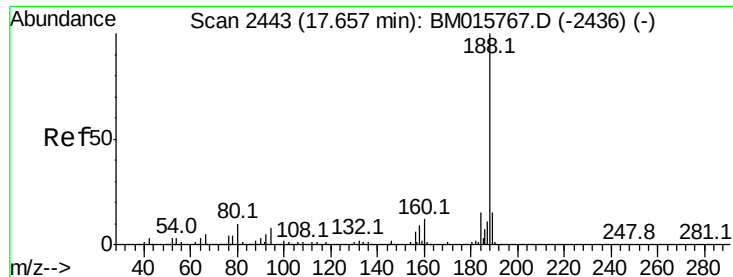
Tot Ion:138 Resp: 110405
Ion Ratio Lower Upper
138 100
92 58.9 16.7 56.7#
108 128.3 37.6 77.6#



#62
Azobenzene
Concen: 40.717 ng
RT: 16.23 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Tgt Ion: 77 Resp: 695582
Ion Ratio Lower Upper
77 100
182 21.2 6.5 46.5
105 16.3 3.8 43.8
51 42.7 5.5 45.5

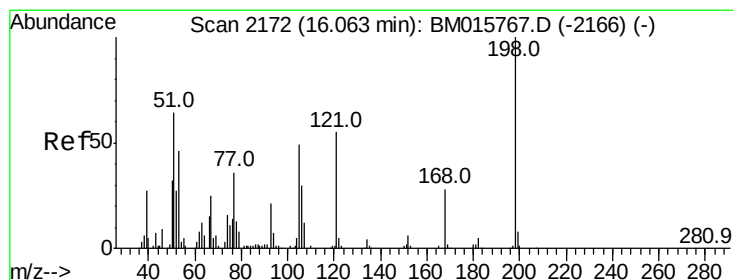
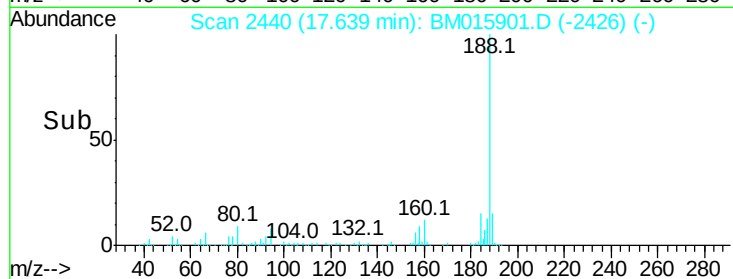
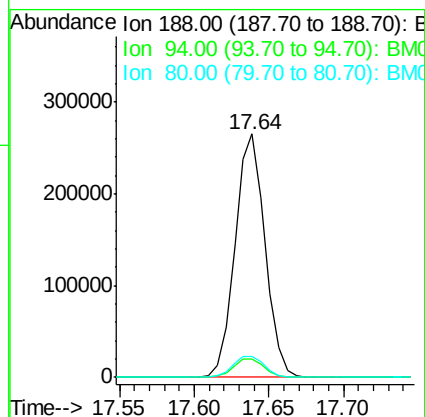
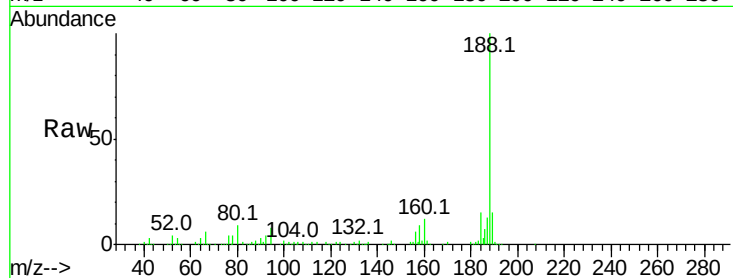




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

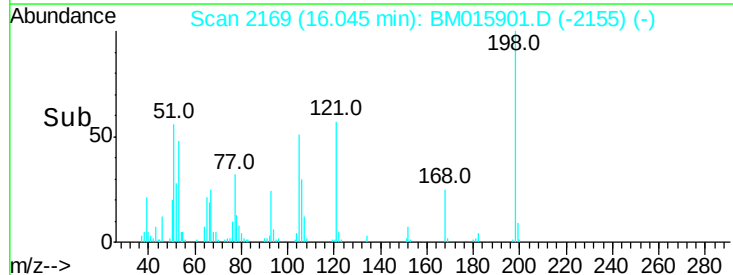
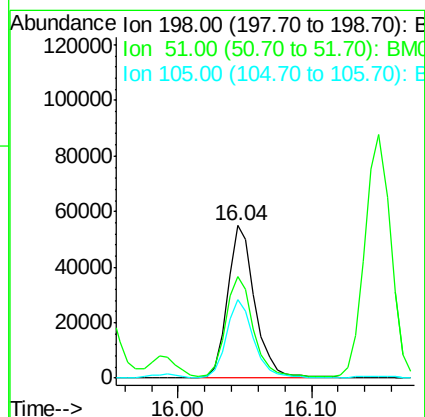
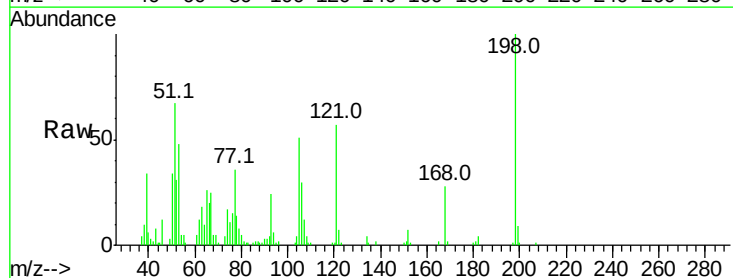
Instrument :
BNA_M
ClientSampleId :

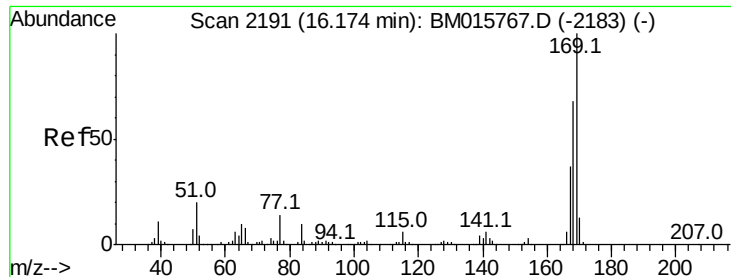
Tot Ion:188 Resp: 370430
Ion Ratio Lower Upper
188 100
94 7.5 8.7 13.1#
80 8.7 9.3 13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 35.218 ng
RT: 16.04 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Tgt Ion:198 Resp: 79309
Ion Ratio Lower Upper
198 100
51 66.6 28.8 68.8
105 51.1 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 38.994 ng

RT: 16.15 min Scan# 2187

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Instrument :

BNA_M

ClientSampled :

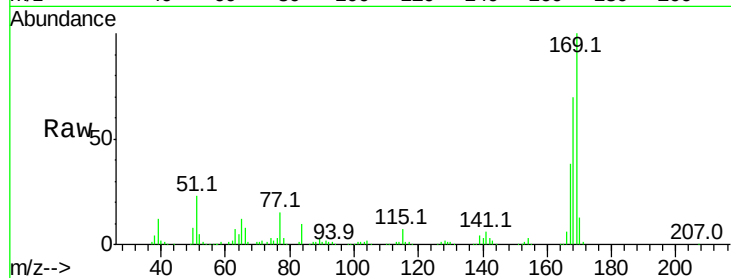
Tot Ion:169 Resp: 494946

Ion Ratio Lower Upper

169 100

168 69.6 53.9 80.9

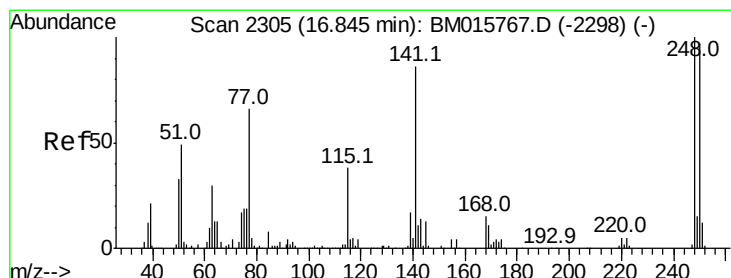
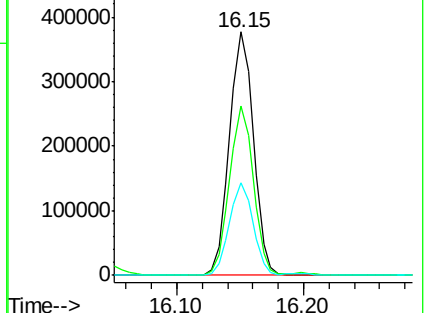
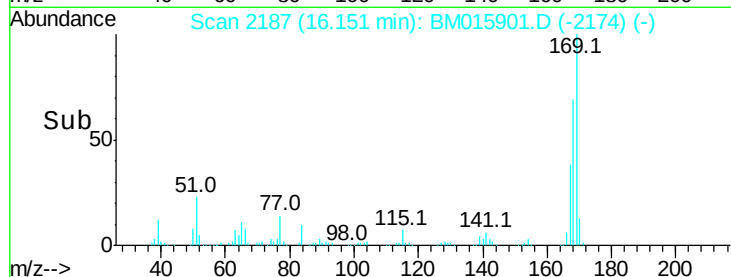
167 37.9 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.986 ng

RT: 16.82 min Scan# 2301

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

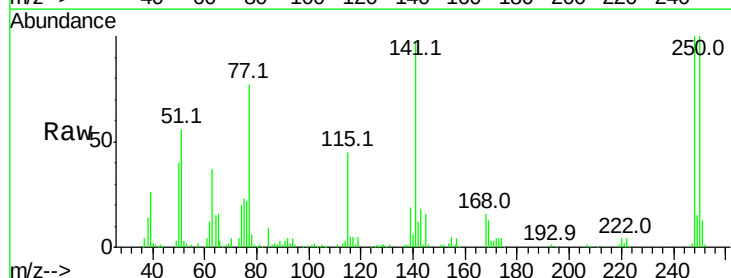
Tgt Ion:248 Resp: 169514

Ion Ratio Lower Upper

248 100

250 99.8 77.4 116.0

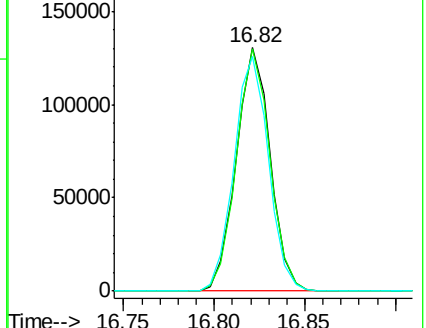
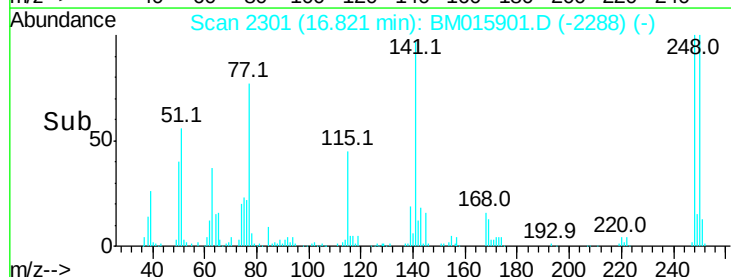
141 96.6 45.2 67.8#

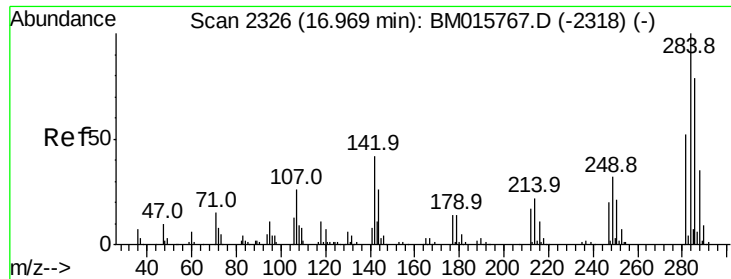


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.799 ng

RT: 16.94 min Scan# 2322

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Instrument :

BNA_M

ClientSampled :

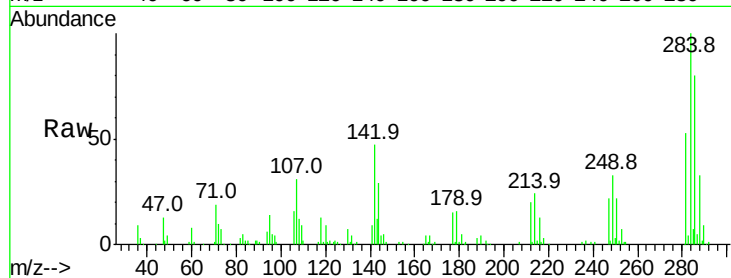
Tot Ion:284 Resp: 188560

Ion Ratio Lower Upper

284 100

142 46.8 20.4 30.6#

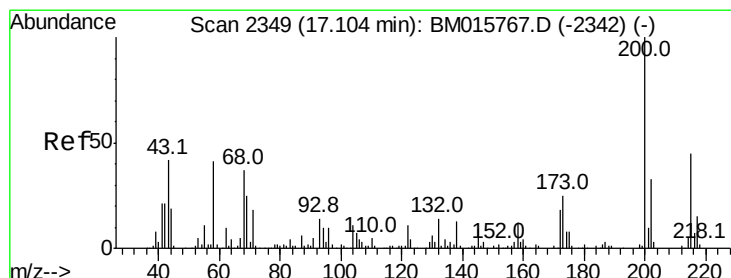
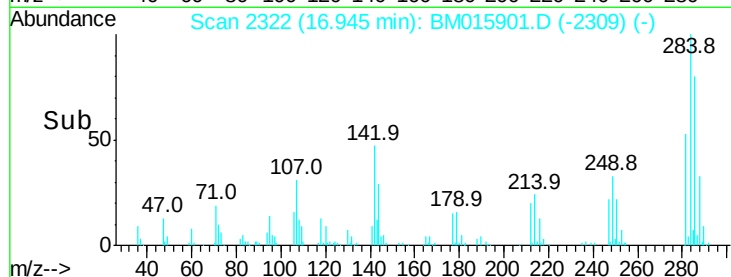
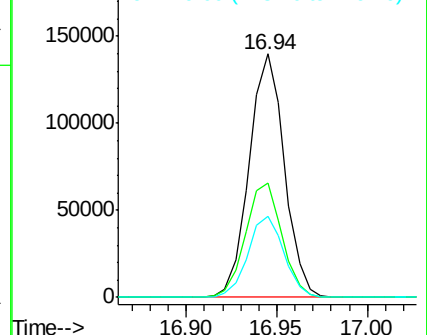
249 33.4 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.790 ng

RT: 17.09 min Scan# 2346

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

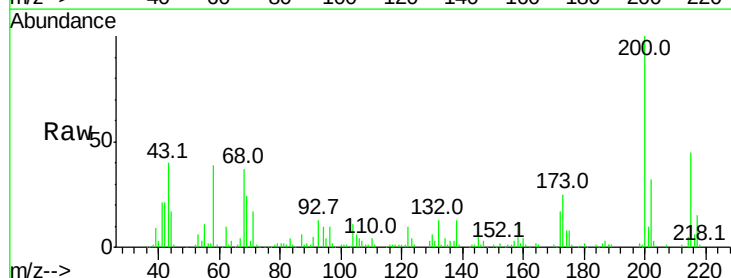
Tgt Ion:200 Resp: 170300

Ion Ratio Lower Upper

200 100

173 25.2 4.8 44.8

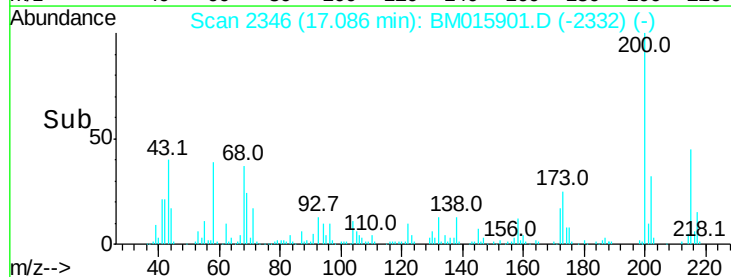
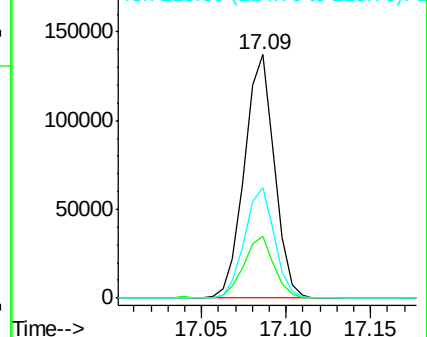
215 45.3 26.9 66.9

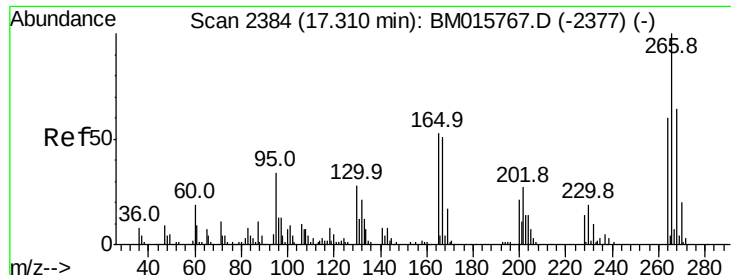


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 66.178 ng

RT: 17.29 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Instrument :

BNA_M

ClientSampleId :

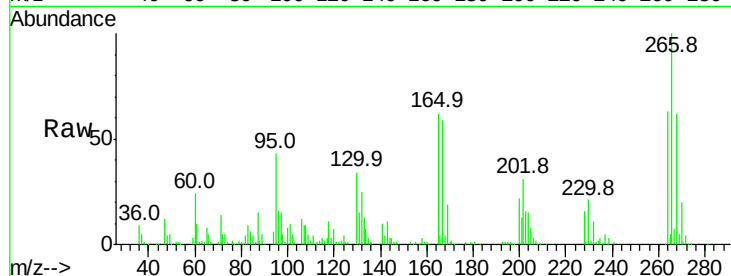
Tot Ion:266 Resp: 189257

Ion Ratio Lower Upper

266 100

268 62.2 52.0 78.0

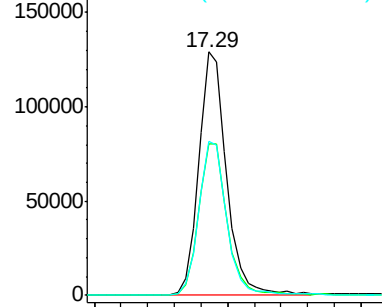
264 63.1 49.0 73.4



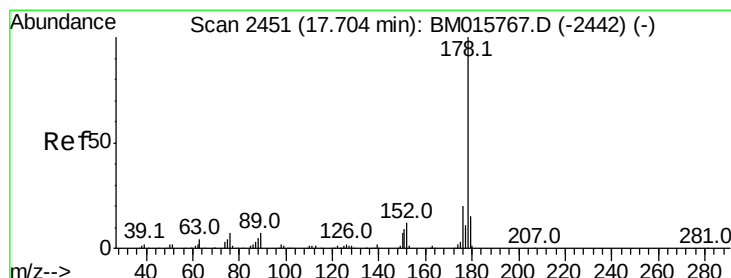
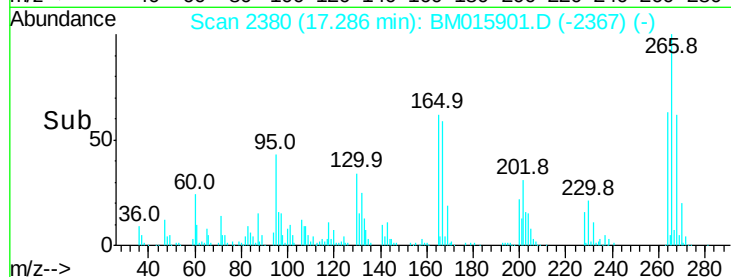
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time--> 17.20 17.30



#70

Phenanthrene

Concen: 40.056 ng

RT: 17.68 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

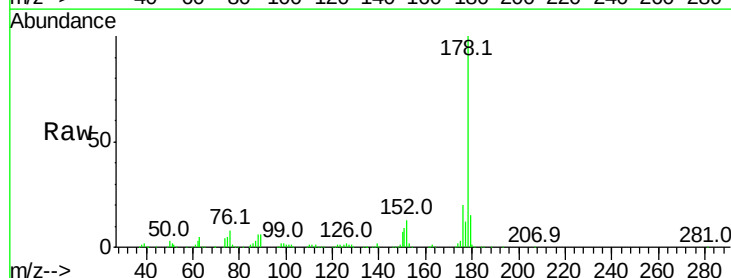
Tgt Ion:178 Resp: 848883

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

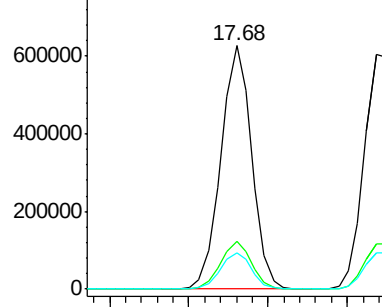
179 15.1 12.1 18.1



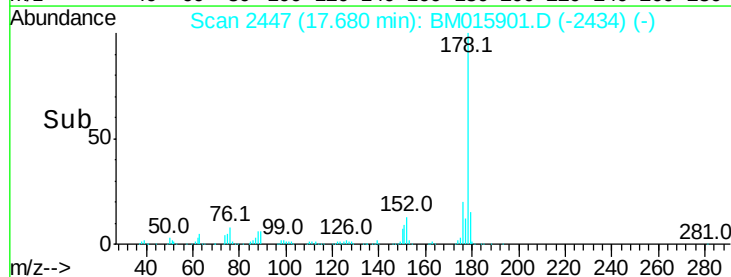
Abundance Ion 178.00 (177.70 to 178.70): E

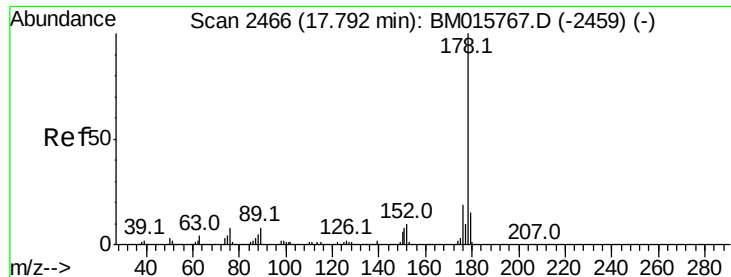
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.60 17.65 17.70 17.75

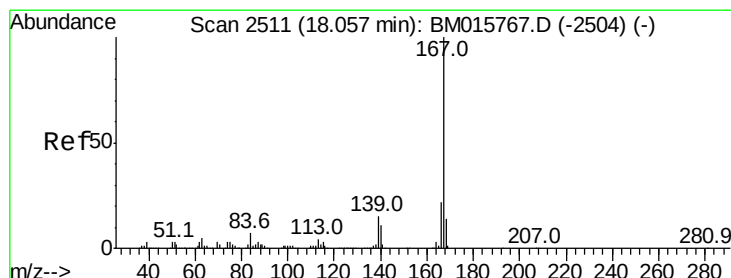
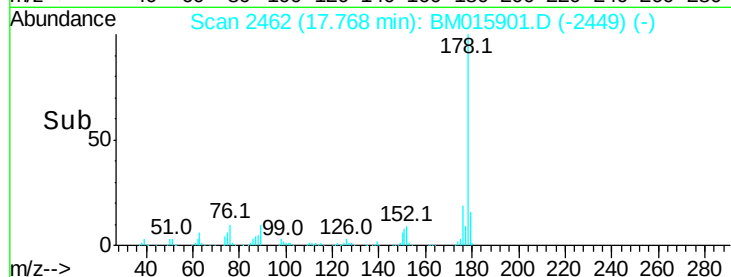
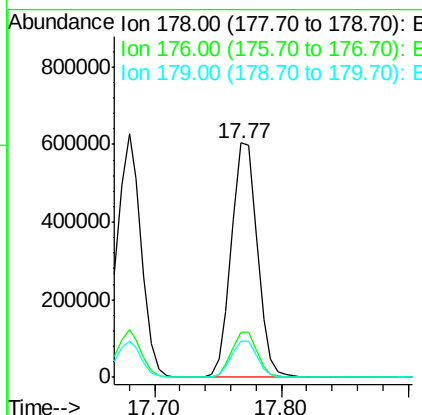
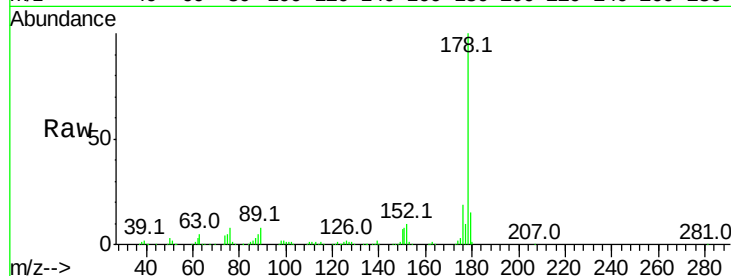




#71
 Anthracene
 Concen: 41.078 ng
 RT: 17.77 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BM015901.D
 Acq: 12 Jul 2018 06:38

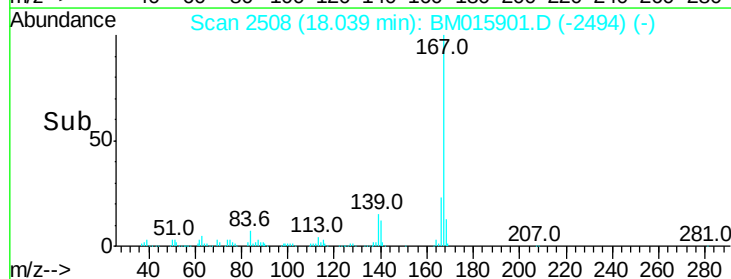
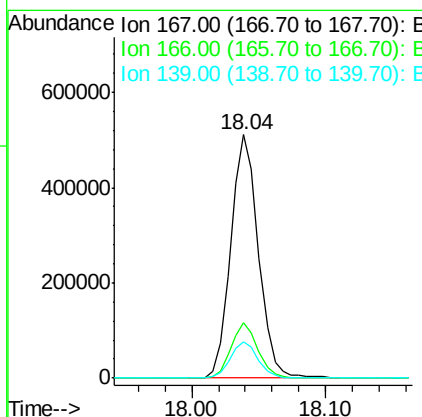
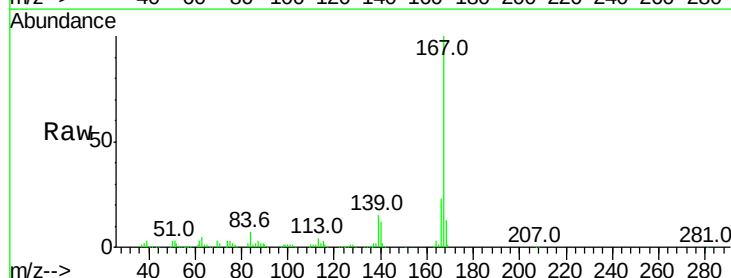
Instrument :
 BNA_M
 ClientSampleId :

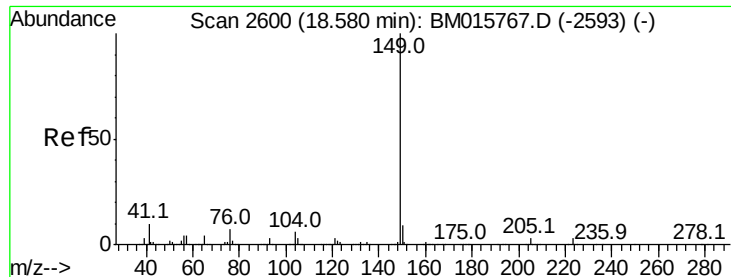
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.6	22.0
179	15.5	12.6	19.0



#72
 Carbazole
 Concen: 38.045 ng
 RT: 18.04 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BM015901.D
 Acq: 12 Jul 2018 06:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.2	25.8
139	15.1	10.8	16.2

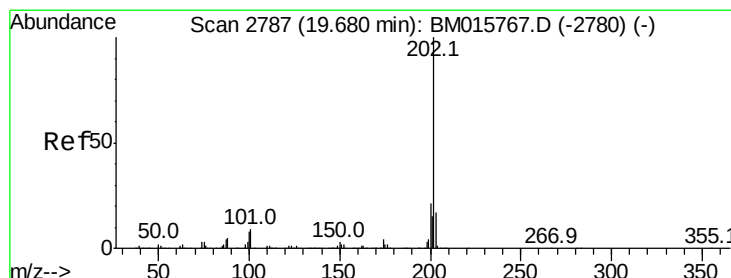
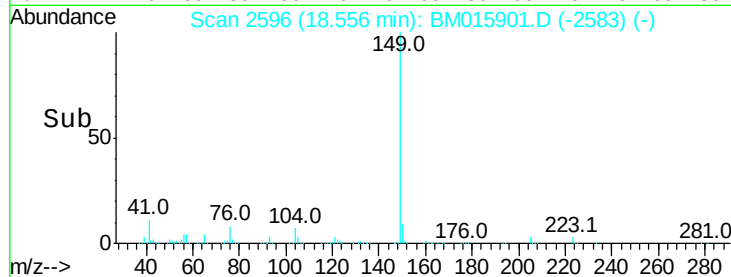
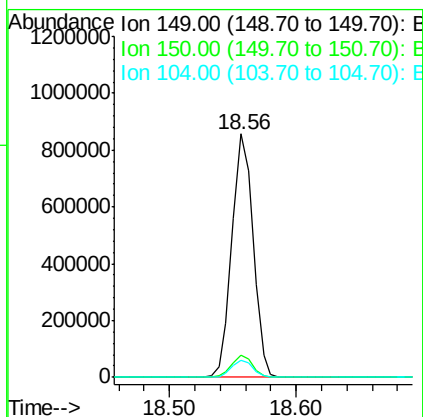
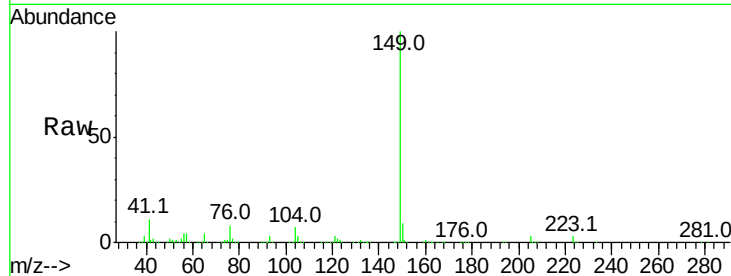




#73
Di-n-butylphthalate
Concen: 37.881 ng
RT: 18.56 min Scan# 2596
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

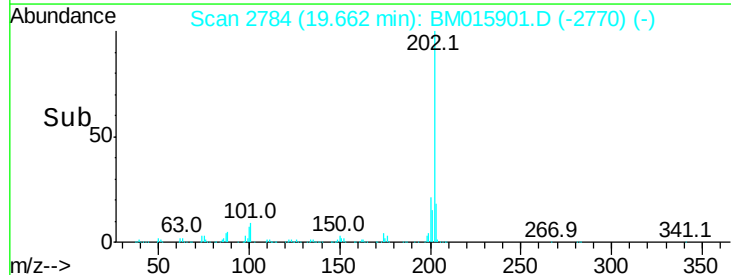
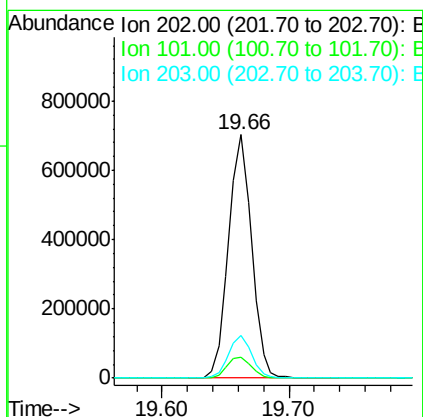
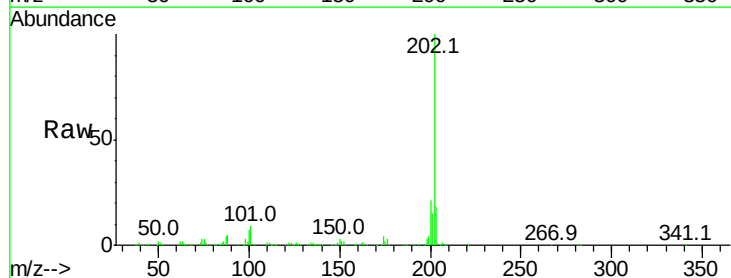
Instrument :
BNA_M
ClientSampled :

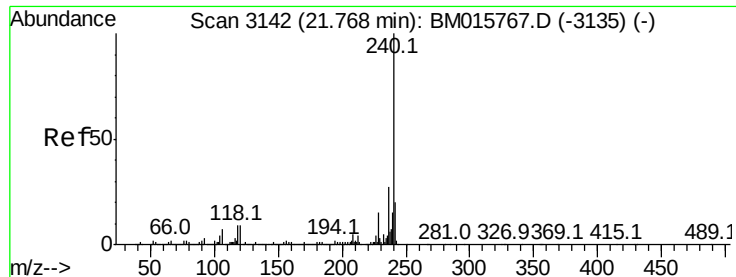
Tot Ion:149 Resp: 990207
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 7.1 3.7 5.5#



#74
Fluoranthene
Concen: 36.457 ng
RT: 19.66 min Scan# 2784
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Tgt Ion:202 Resp: 888221
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.7
203 17.6 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: BM015901.D

Acq: 12 Jul 2018 06:38

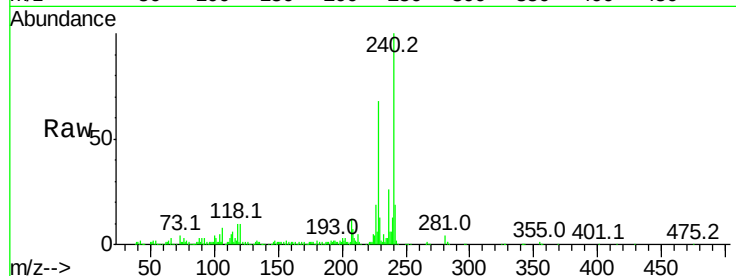
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 335467

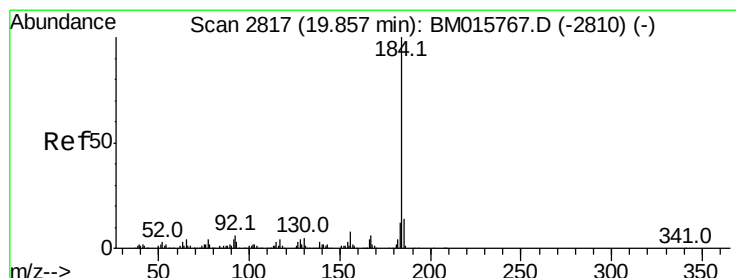
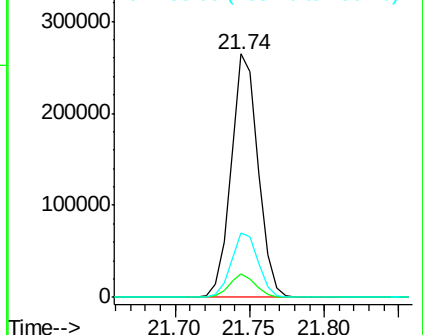
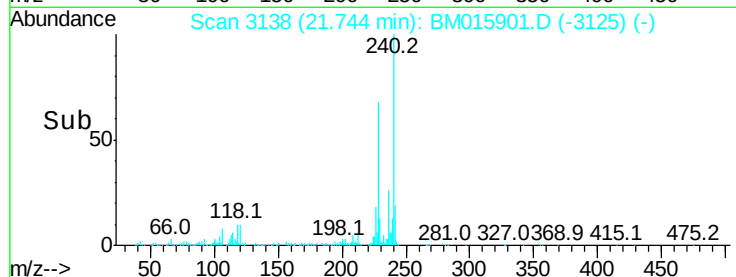
Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.2	12.2
236	26.3	20.0	30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.651 ng

RT: 19.84 min Scan# 2814

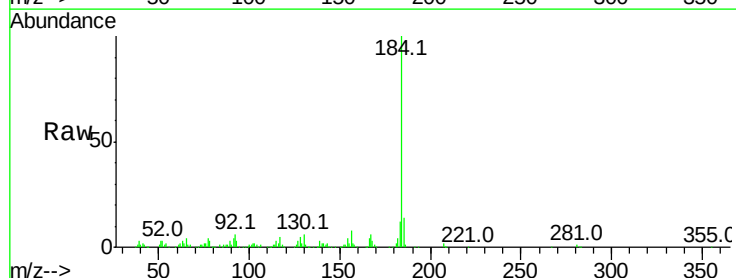
Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Tgt Ion:184 Resp: 350408

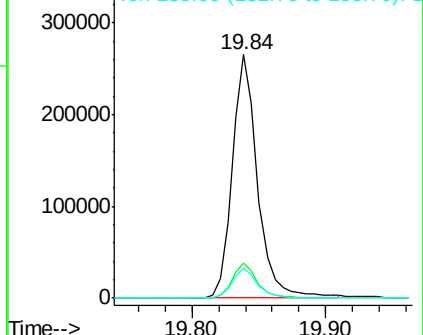
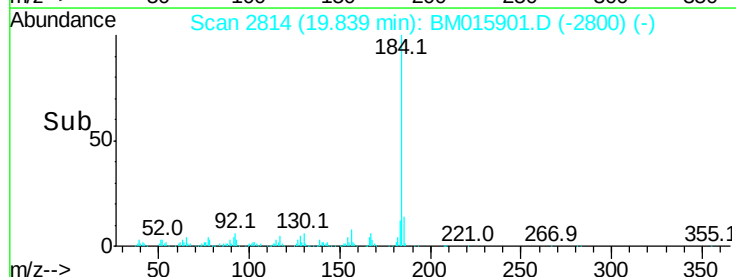
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.3	16.9
183	12.1	8.9	13.3

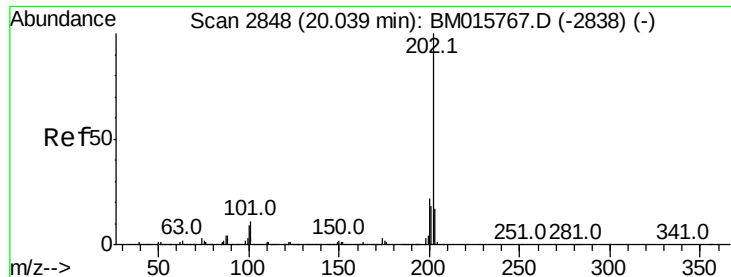


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.762 ng

RT: 20.02 min Scan# 2845

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Instrument :

BNA_M

ClientSampled :

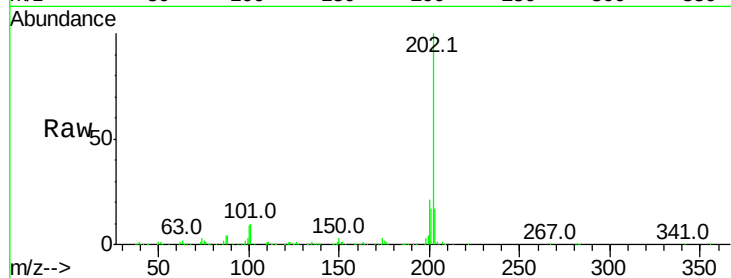
Tot Ion:202 Resp: 893592

Ion Ratio Lower Upper

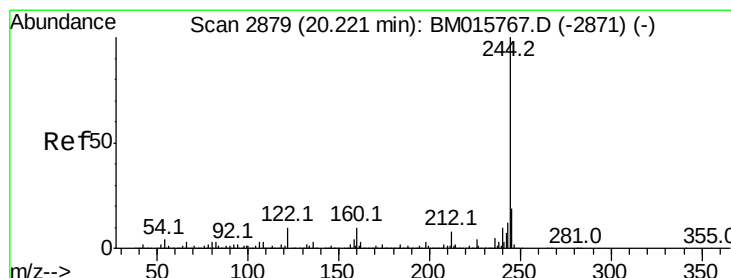
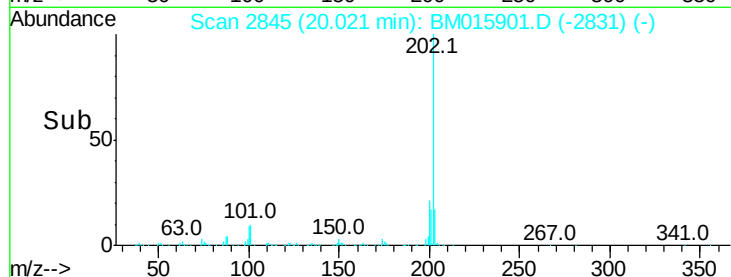
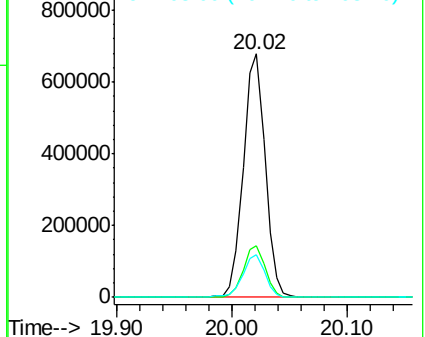
202 100

200 21.4 16.9 25.3

203 17.4 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 42.762 ng

RT: 20.20 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

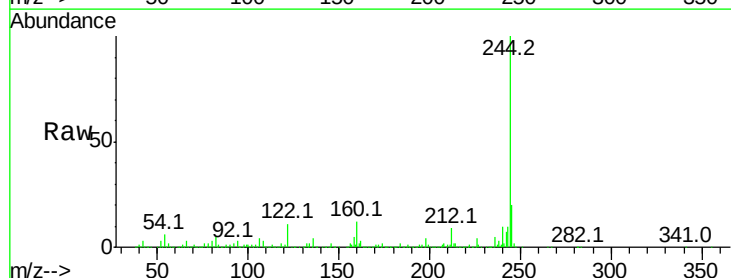
Tgt Ion:244 Resp: 1609700

Ion Ratio Lower Upper

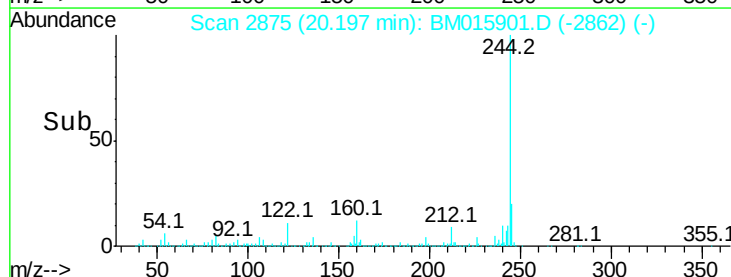
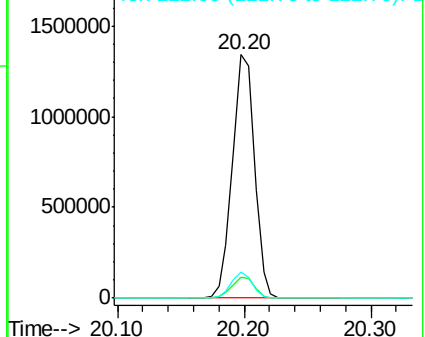
244 100

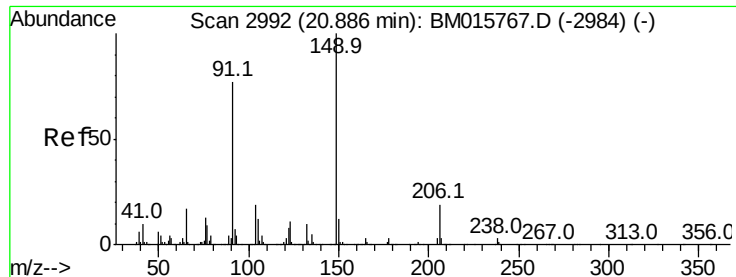
212 8.6 4.9 7.3#

122 10.7 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

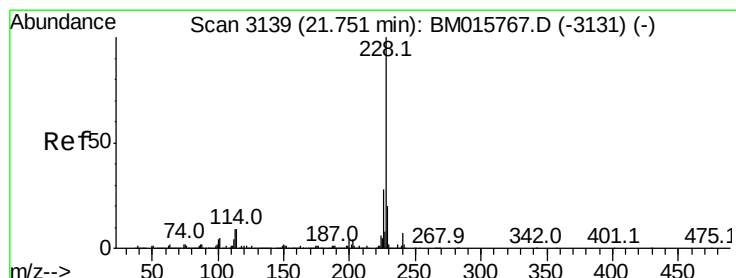
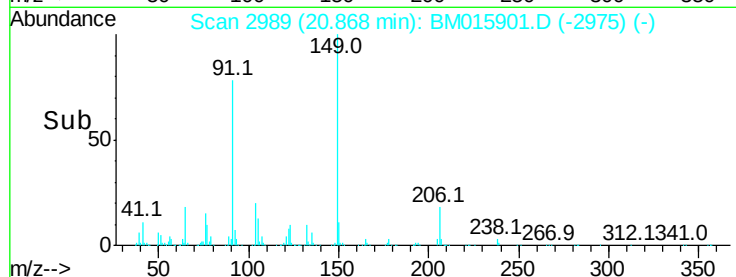
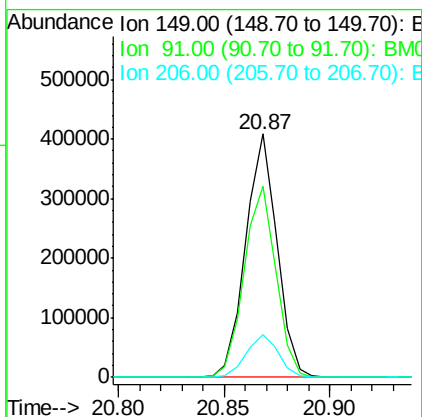
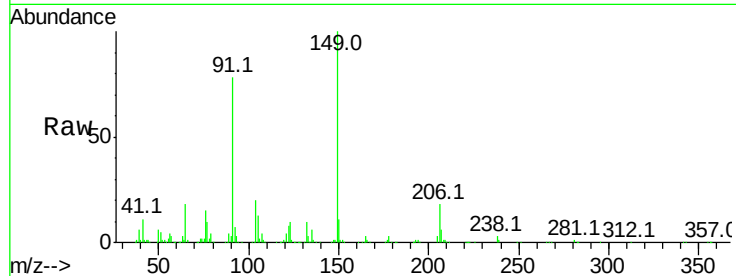




#79
Butylbenzylphthalate
Concen: 41.710 ng
RT: 20.87 min Scan# 2989
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

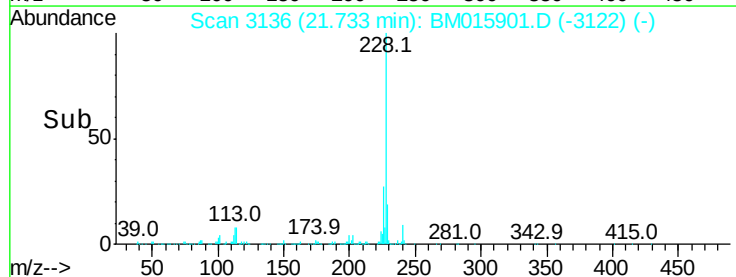
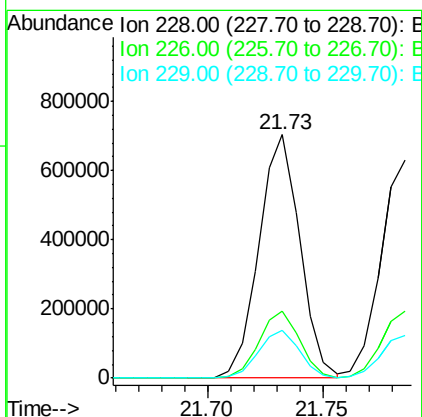
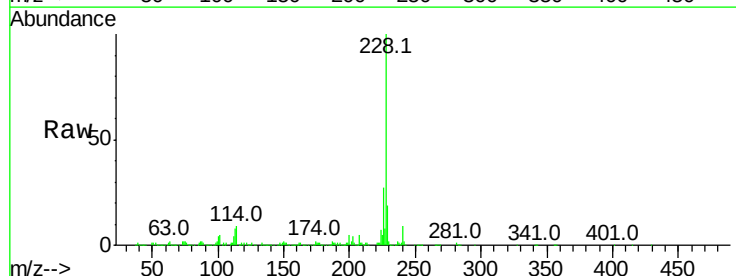
Instrument :
BNA_M
ClientSampled :

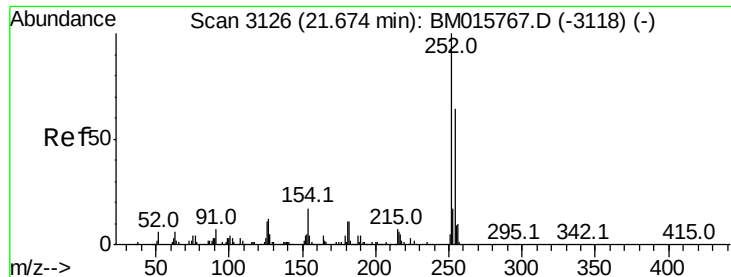
Tot Ion:149 Resp: 421329
Ion Ratio Lower Upper
149 100
91 78.5 50.1 75.1#
206 17.6 16.2 24.2



#80
Benzo(a)anthracene
Concen: 40.771 ng
RT: 21.73 min Scan# 3136
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Tgt Ion:228 Resp: 867168
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.4 16.0 24.0

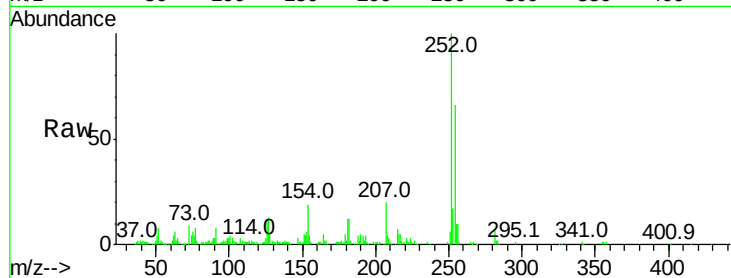




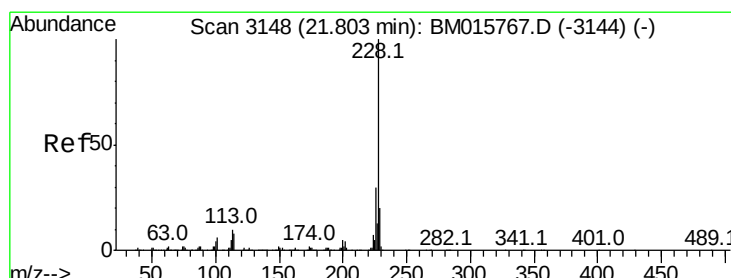
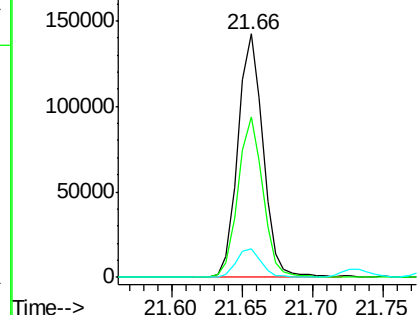
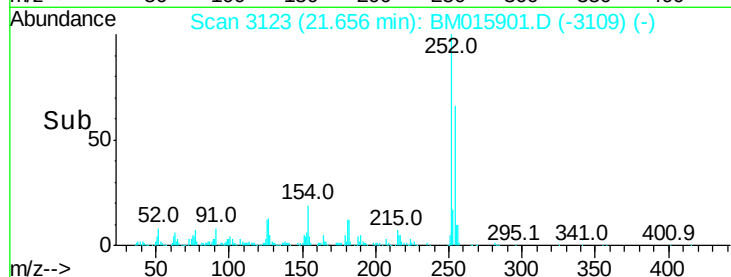
#81
 3,3'-Dichlorobenzidine
 Concen: 23.193 ng
 RT: 21.66 min Scan# 3123
 Delta R.T. -0.02 min
 Lab File: BM015901.D
 Acq: 12 Jul 2018 06:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.9	77.9
126	11.8	9.8	14.8

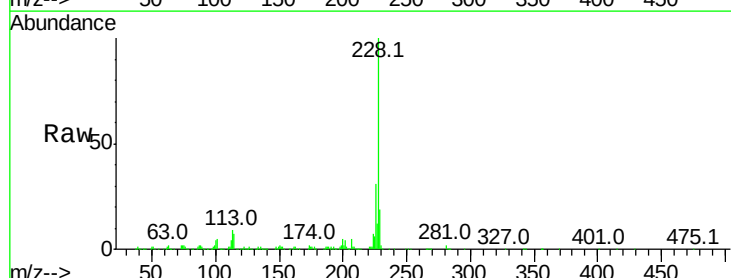


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

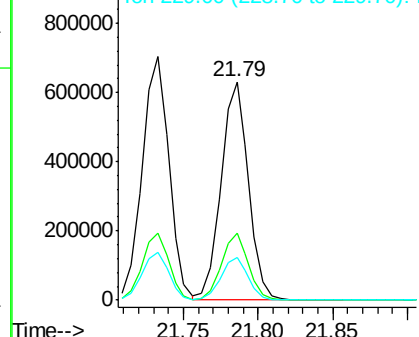
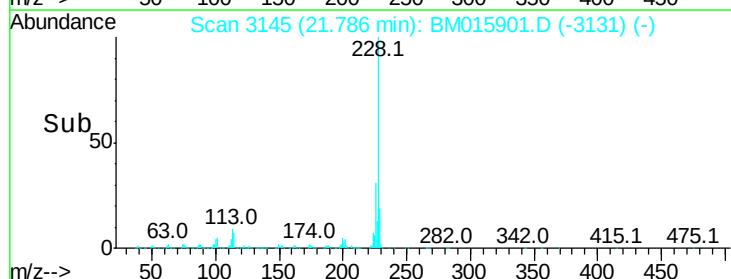


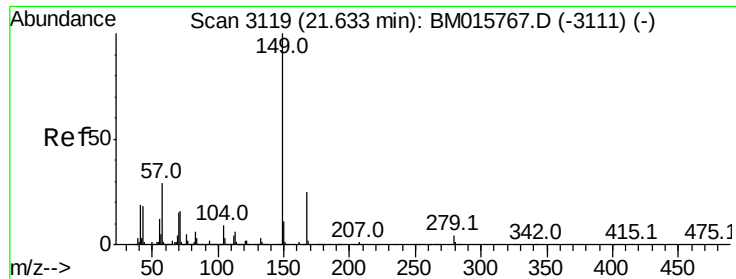
#82
 Chrysene
 Concen: 40.783 ng
 RT: 21.79 min Scan# 3145
 Delta R.T. -0.02 min
 Lab File: BM015901.D
 Acq: 12 Jul 2018 06:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	19.3	15.5	23.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

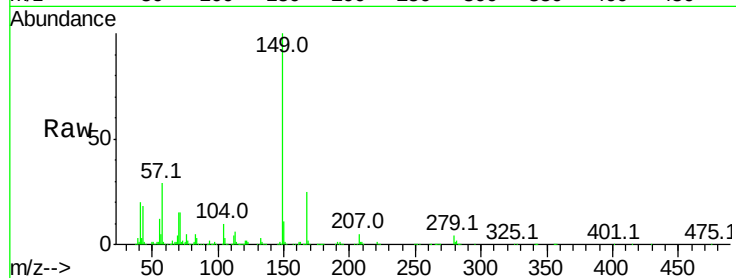




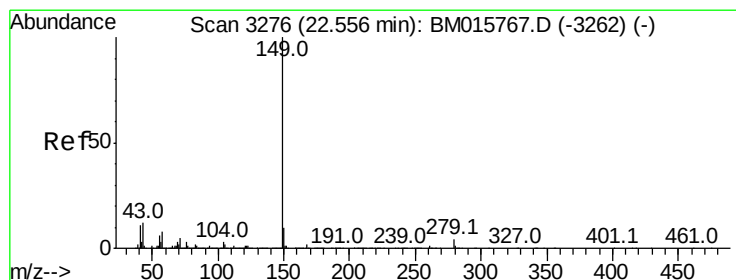
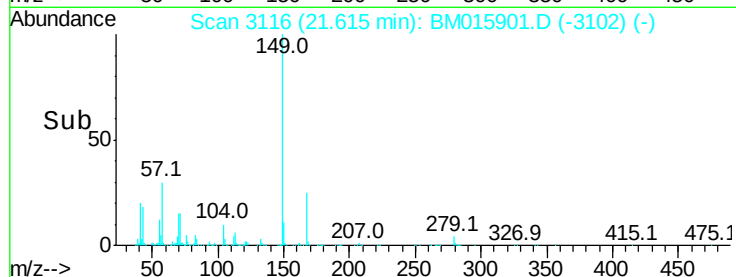
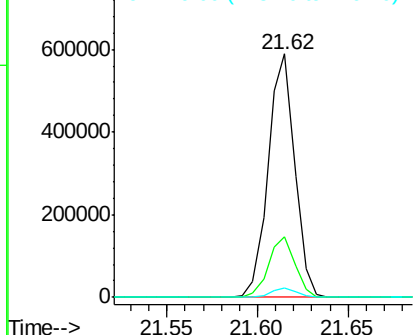
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.063 ng
 RT: 21.62 min Scan# 3116
 Delta R.T. -0.02 min
 Lab File: BM015901.D
 Acq: 12 Jul 2018 06:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.9	22.4	33.6
279	4.1	3.4	5.0

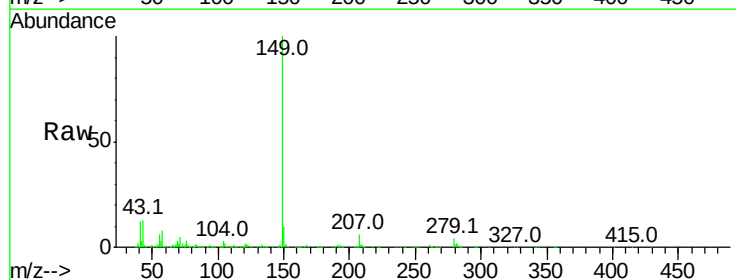


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

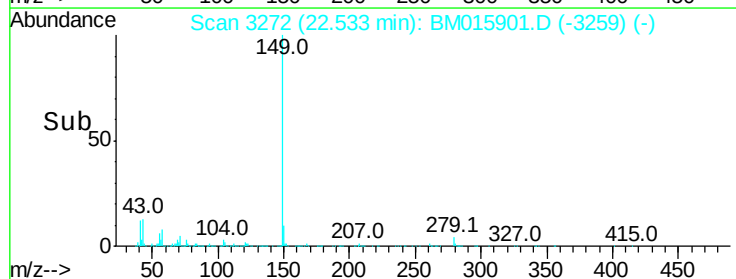
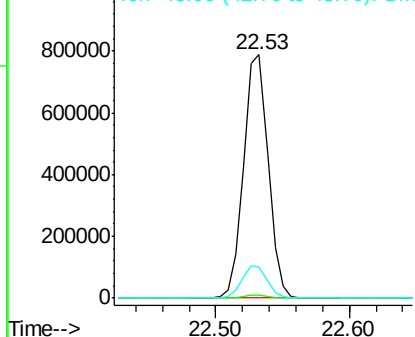


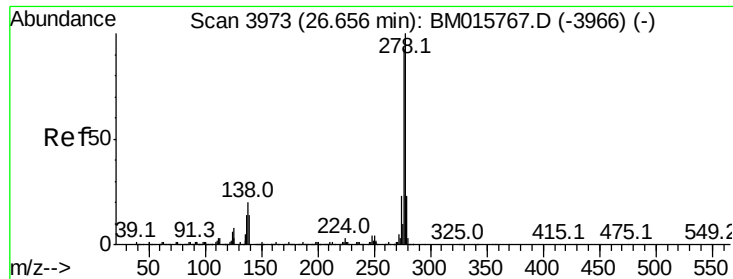
#84
 Di-n-octyl phthalate
 Concen: 40.823 ng
 RT: 22.53 min Scan# 3272
 Delta R.T. -0.02 min
 Lab File: BM015901.D
 Acq: 12 Jul 2018 06:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.4	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): BM0





#85

Indeno(1,2,3-cd)pyrene

Concen: 54.337 ng

RT: 26.61 min Scan# 3965

Delta R.T. -0.05 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

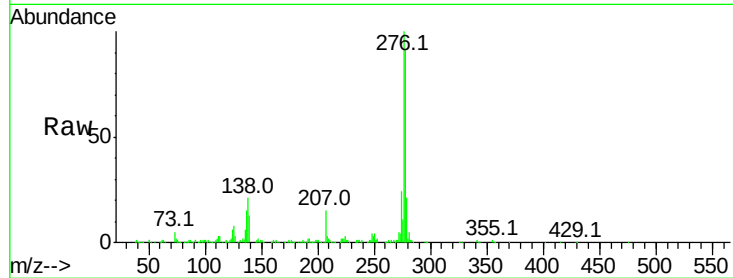
Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 1000266

Ion	Ratio	Lower	Upper
276	100		
138	21.9	12.0	18.0#
277	25.3	20.0	30.0

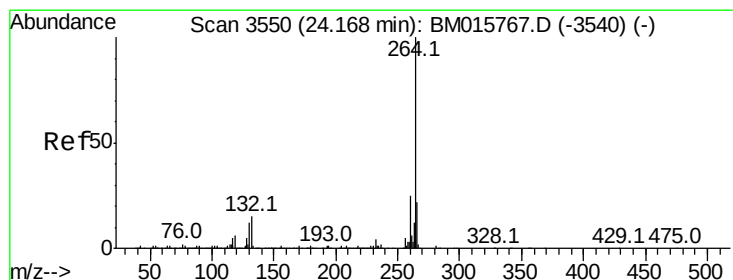
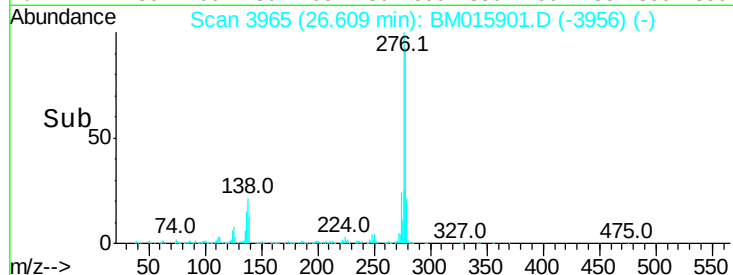
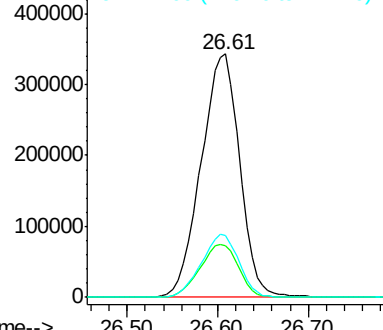


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.14 min Scan# 3545

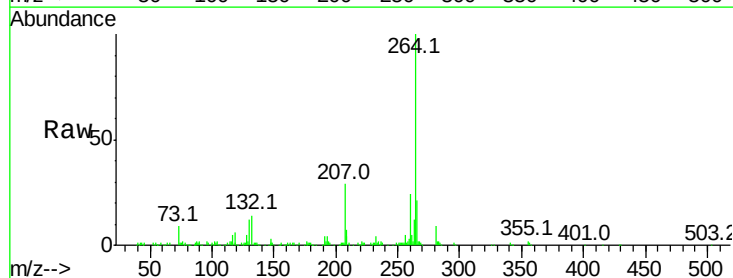
Delta R.T. -0.03 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Tgt Ion:264 Resp: 331237

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.3	17.3	25.9

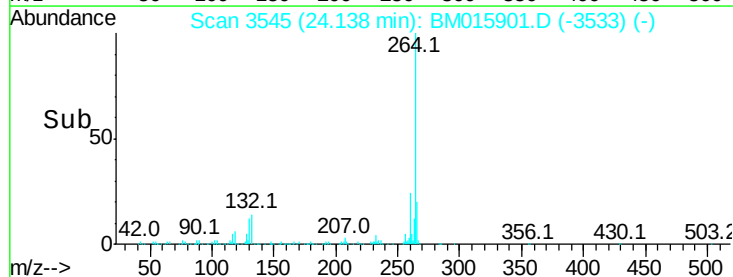
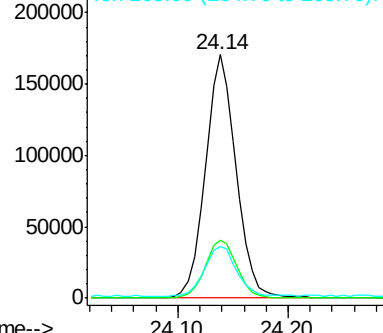


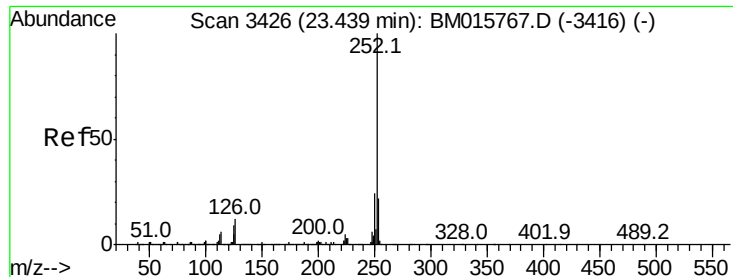
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

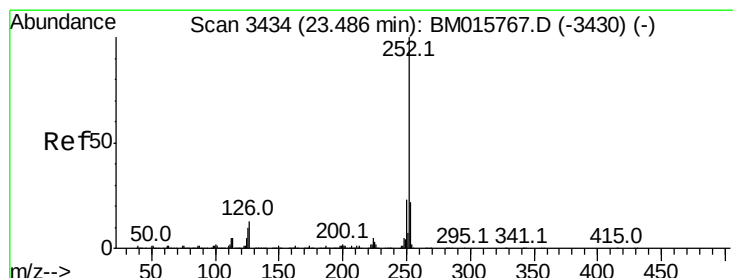
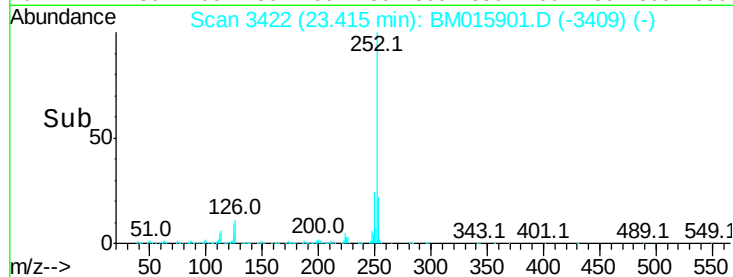
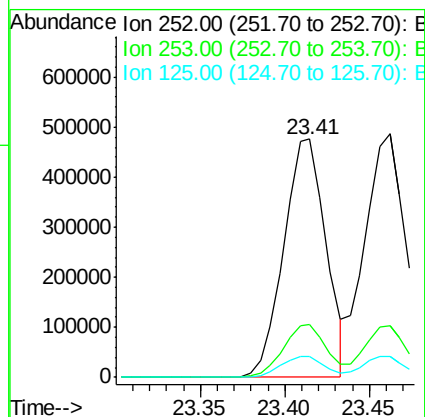
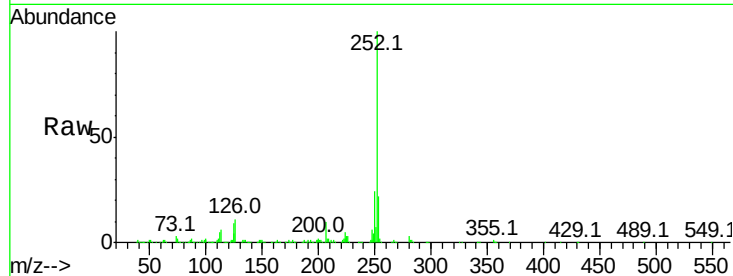




#87
Benzo(b)fluoranthene
Concen: 37.410 ng
RT: 23.41 min Scan# 3422
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

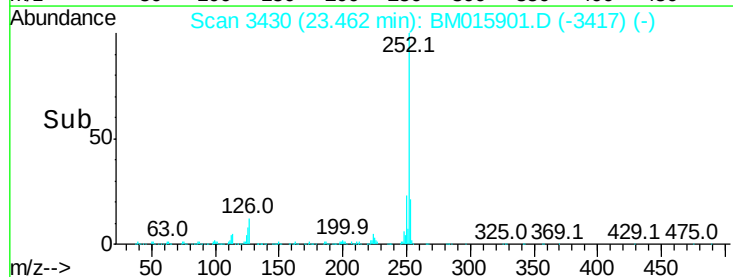
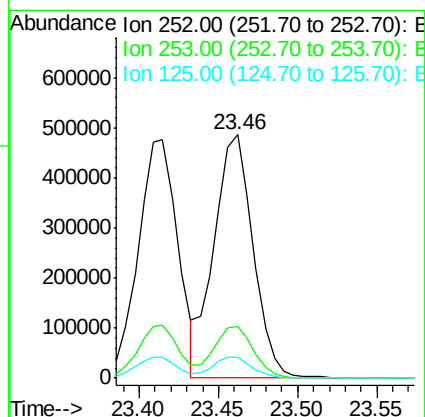
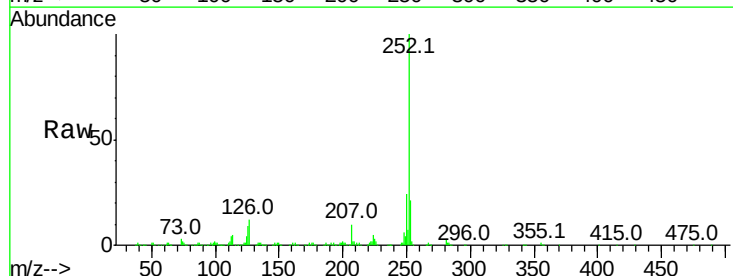
Instrument :
BNA_M
ClientSampleId :

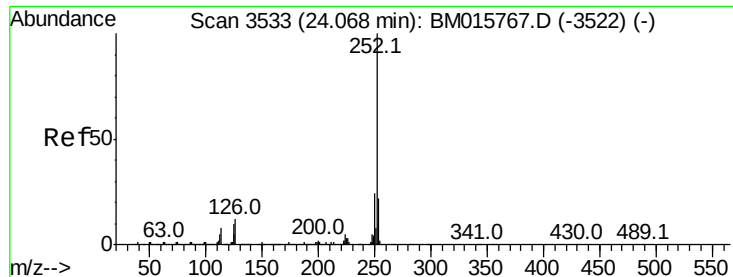
Tot Ion:252 Resp: 827311
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 8.6 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 38.566 ng
RT: 23.46 min Scan# 3430
Delta R.T. -0.02 min
Lab File: BM015901.D
Acq: 12 Jul 2018 06:38

Tgt Ion:252 Resp: 828490
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 8.8 8.1 12.1





#89

Benzo(a)pyrene

Concen: 41.577 ng

RT: 24.04 min Scan# 3528

Delta R.T. -0.03 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Instrument :

BNA_M

ClientSampled :

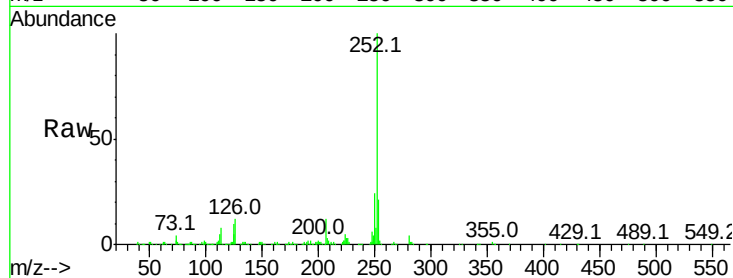
Tot Ion:252 Resp: 809376

Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

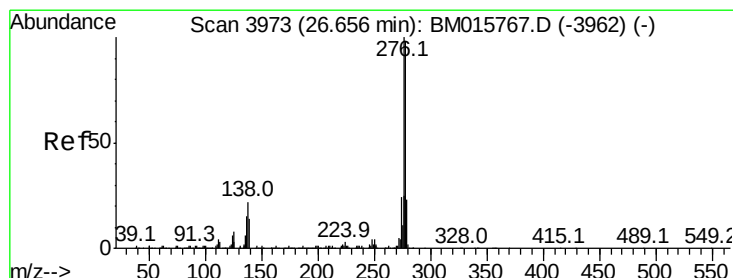
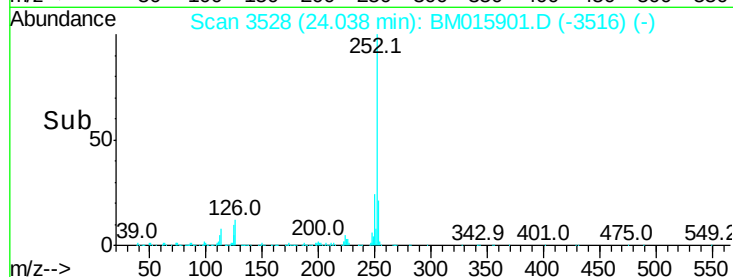
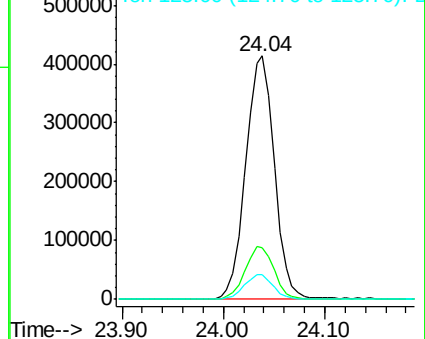
125 10.0 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.291 ng

RT: 26.61 min Scan# 3965

Delta R.T. -0.05 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

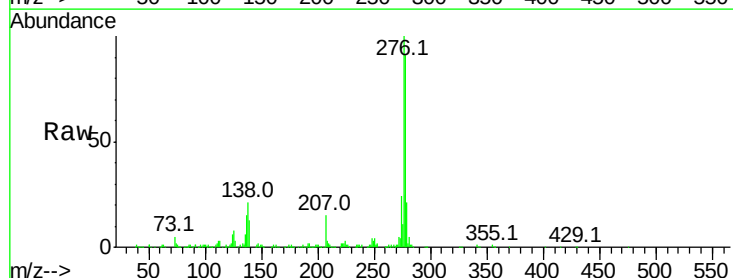
Tgt Ion:278 Resp: 863329

Ion Ratio Lower Upper

278 100

139 14.0 13.4 20.0

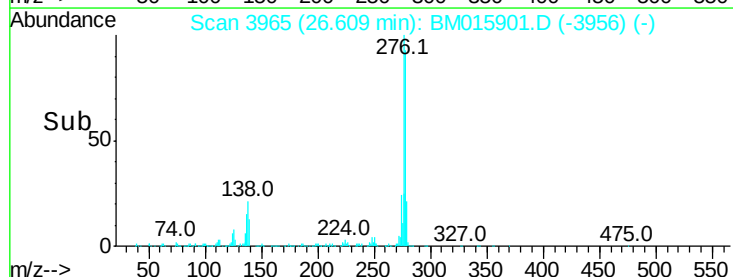
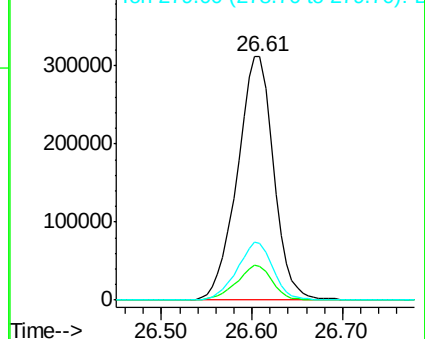
279 23.3 19.0 28.4

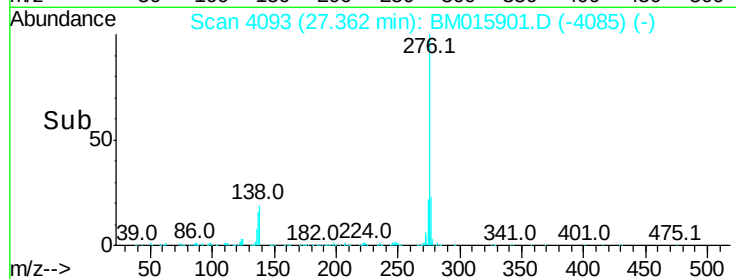
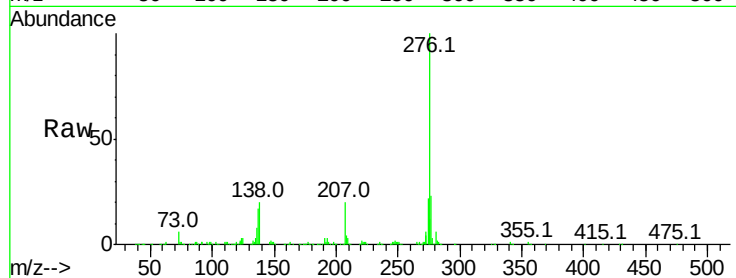
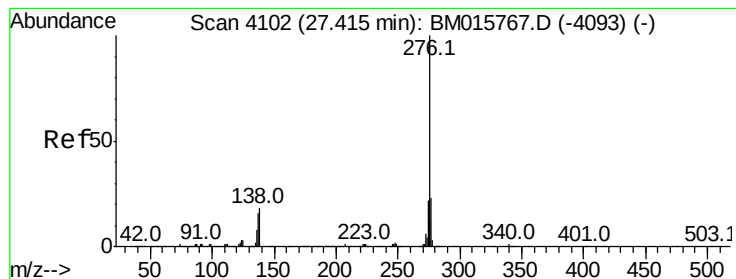


Abundance Ion 278.00 (277.70 to 278.70): E

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: 52.744 ng

RT: 27.36 min Scan# 4093

Delta R.T. -0.05 min

Lab File: BM015901.D

Acq: 12 Jul 2018 06:38

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 811708

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 19.5 19.0 28.6

