

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070918\
 Data File : BM015854.D
 Acq On : 09 Jul 2018 21:54
 Operator : SJ/JU
 Sample : PB110919BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

Quant Time: Jul 10 01:37:52 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	8.30	152	101494	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	430944	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	255697	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	545304	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	553975	20.00	ng	-0.01
86) Perylene-d12	24.16	264	467551	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.80	112	1044849	176.55	ng	-0.01
7) Phenol-d6	7.46	99	1432704	176.83	ng	0.00
23) Nitrobenzene-d5	9.49	82	961440	108.85	ng	-0.01
41) 2,4,6-Tribromophenol	16.40	330	608842	182.23	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	2182698	105.98	ng	-0.01
78) Terphenyl-d14	20.21	244	3487247	116.76	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.56	88	92399	37.751	ng	# 100
3) Pyridine	4.00	79	257461	39.862	ng	# 77
4) n-Nitrosodimethylamine	3.91	42	240338	47.789	ng	# 45
6) Aniline	7.62	93	363686	37.025	ng	90
8) 2-Chlorophenol	7.86	128	414991	58.427	ng	94
9) Benzaldehyde	7.43	77	151134	29.596	ng	89
10) Phenol	7.49	94	493003	60.559	ng	92
11) bis(2-Chloroethyl)ether	7.72	93	331513	50.059	ng	88
12) 1,3-Dichlorobenzene	8.19	146	385271	48.923	ng	# 92
13) 1,4-Dichlorobenzene	8.33	146	395367	48.549	ng	# 95
14) 1,2-Dichlorobenzene	8.66	146	392643	49.854	ng	95
15) Benzyl Alcohol	8.55	79	387721	55.122	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.83	45	540419	74.721	ng	97
17) 2-Methylphenol	8.75	107	336431	59.650	ng	# 87
18) Hexachloroethane	9.38	117	164262	51.012	ng	95
19) n-Nitroso-di-n-propylamine	9.12	70	331157	50.858	ng	# 79
20) 3+4-Methylphenols	9.08	107	459045	58.594	ng	90
22) Acetophenone	9.15	105	600826	53.520	ng	# 87
24) Nitrobenzene	9.53	77	493958	57.453	ng	99
25) Isophorone	10.05	82	835884	62.004	ng	# 94
26) 2-Nitrophenol	10.25	139	214636	57.975	ng	# 61
27) 2,4-Dimethylphenol	10.29	122	378111	67.229	ng	# 85
28) bis(2-Chloroethoxy)methane	10.53	93	484905	55.210	ng	99
29) 2,4-Dichlorophenol	10.77	162	391609	62.869	ng	97
30) 1,2,4-Trichlorobenzene	10.99	180	387876	53.611	ng	97
31) Naphthalene	11.18	128	1204252	53.899	ng	99
32) Benzoic acid	10.49	122	237727	47.741	ng	# 83
33) 4-Chloroaniline	11.29	127	191974	21.074	ng	# 89
34) Hexachlorobutadiene	11.43	225	254305	52.668	ng	98
35) Caprolactam	12.12	113	105711	51.172	ng	# 89
36) 4-Chloro-3-methylphenol	12.40	107	450120	62.978	ng	89
37) 2-Methylnaphthalene	12.77	142	961451	60.492	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	459878	56.037	ng	# 100
40) Hexachlorocyclopentadiene	13.09	237	535128	132.588	ng	99

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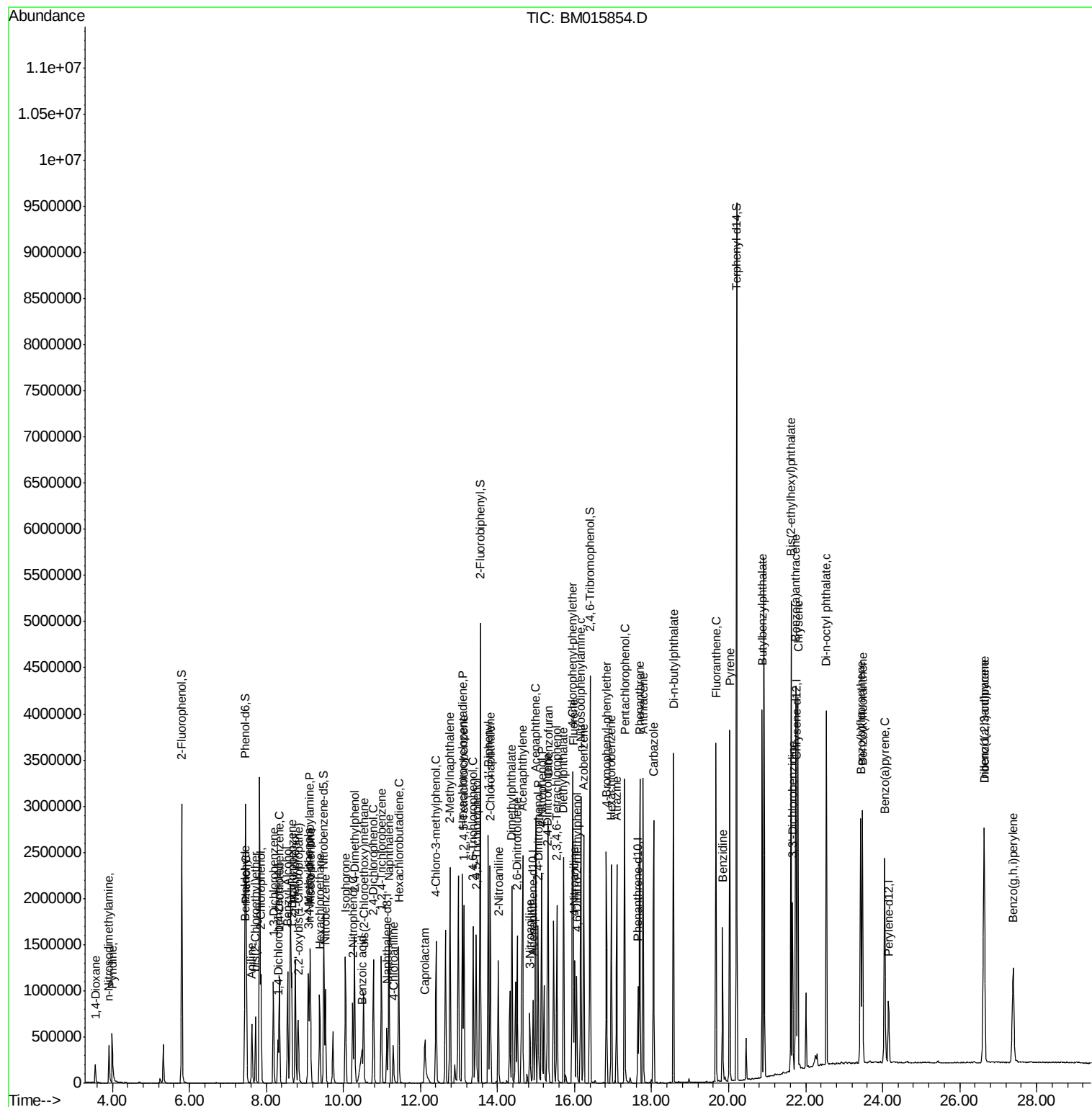
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42) 2,4,6-Trichlorophenol	13.37	196	314405	60.607	ng	99
43) 2,4,5-Trichlorophenol	13.45	196	333003	59.424	ng	# 85
45) 1,1'-Biphenyl	13.76	154	1231183	55.691	ng	99
46) 2-Chloronaphthalene	13.81	162	940728	56.913	ng	# 91
47) 2-Nitroaniline	14.02	65	335018	58.121	ng	# 79
48) Acenaphthylene	14.65	152	1550547	57.665	ng	99
49) Dimethylphthalate	14.38	163	1236604	54.837	ng	99
50) 2,6-Dinitrotoluene	14.51	165	260180	59.174	ng	# 71
51) Acenaphthene	14.99	154	887920	53.067	ng	97
52) 3-Nitroaniline	14.84	138	149734	31.113	ng	# 75
53) 2,4-Dinitrophenol	15.06	184	270979	119.380	ng	# 86
54) Dibenzofuran	15.32	168	1453591	56.379	ng	# 87
55) 4-Nitrophenol	15.15	139	422267	118.888	ng	# 72
56) 2,4-Dinitrotoluene	15.30	165	370109	58.304	ng	96
57) Fluorene	15.96	166	1187158	55.837	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	292736	61.905	ng	# 100
59) Diethylphthalate	15.72	149	1316006	54.457	ng	96
60) 4-Chlorophenyl-phenylether	15.94	204	591319	54.050	ng	# 90
61) 4-Nitroaniline	16.00	138	246162	49.305	ng	# 37
62) Azobenzene	16.24	77	1381552	60.989	ng	82
64) 4,6-Dinitro-2-methylphenol	16.06	198	185499	55.957	ng	86
65) n-Nitrosodiphenylamine	16.16	169	1012780	54.203	ng	99
66) 4-Bromophenyl-phenylether	16.83	248	353604	58.078	ng	# 83
67) Hexachlorobenzene	16.95	284	386169	56.761	ng	# 75
68) Atrazine	17.10	200	366386	59.614	ng	98
69) Pentachlorophenol	17.30	266	439626	104.427	ng	100
70) Phenanthrene	17.69	178	1771542	56.785	ng	99
71) Anthracene	17.78	178	1811104	59.114	ng	99
72) Carbazole	18.05	167	1604331	56.195	ng	99
73) Di-n-butylphthalate	18.57	149	2213263	57.516	ng	# 97
74) Fluoranthene	19.67	202	1989511	55.473	ng	98
76) Benzidine	19.84	184	758522	46.733	ng	99
77) Pyrene	20.03	202	2018958	58.507	ng	100
79) Butylbenzylphthalate	20.87	149	1017851	61.019	ng	# 82
80) Benzo(a)anthracene	21.74	228	1999401	56.925	ng	100
81) 3,3'-Dichlorobenzidine	21.66	252	427773	33.897	ng	99
82) Chrysene	21.80	228	1834508	56.068	ng	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	1480552	60.071	ng	95
84) Di-n-octyl phthalate	22.54	149	2419833	60.212	ng	# 90
85) Indeno(1,2,3-cd)pyrene	26.63	276	1634183	53.758	ng	# 93
87) Benzo(b)fluoranthene	23.43	252	1786406	57.228	ng	# 97
88) Benzo(k)fluoranthene	23.47	252	1689738	55.724	ng	98
89) Benzo(a)pyrene	24.05	252	1607368	58.496	ng	99
90) Dibenzo(a,h)anthracene	26.63	278	1415923	57.271	ng	97
91) Benzo(g,h,i)perylene	27.39	276	1237328	56.960	ng	# 94

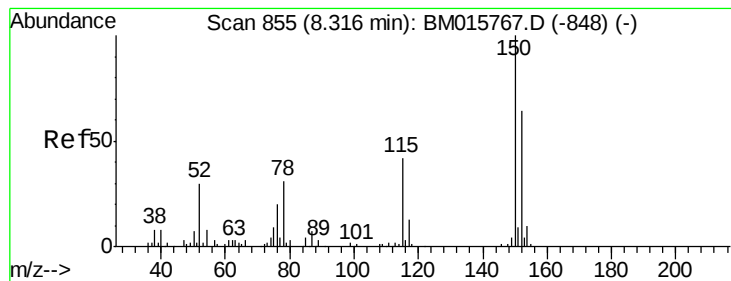
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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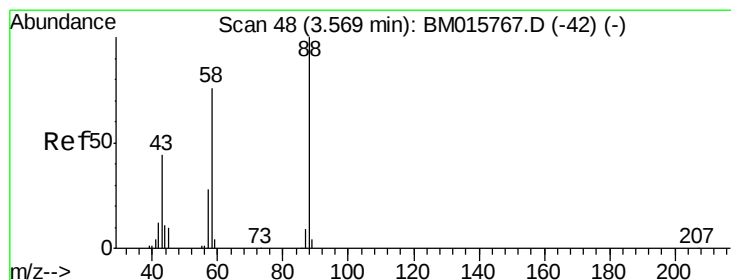
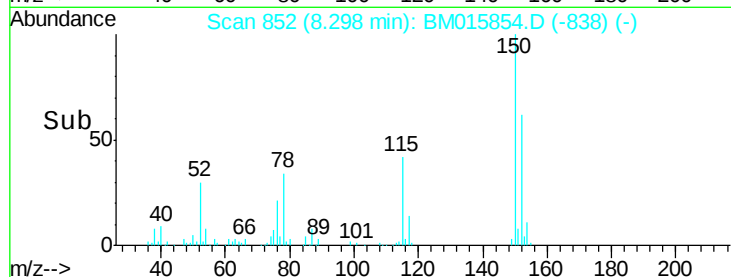
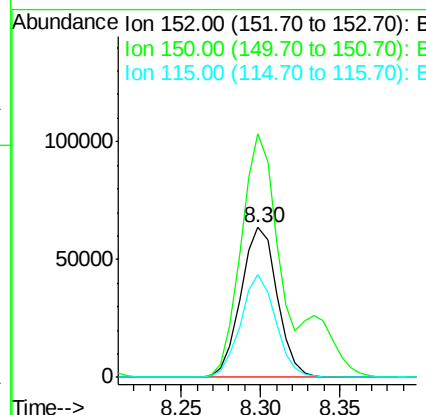
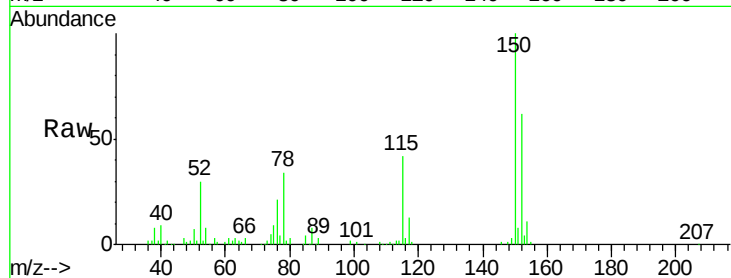




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

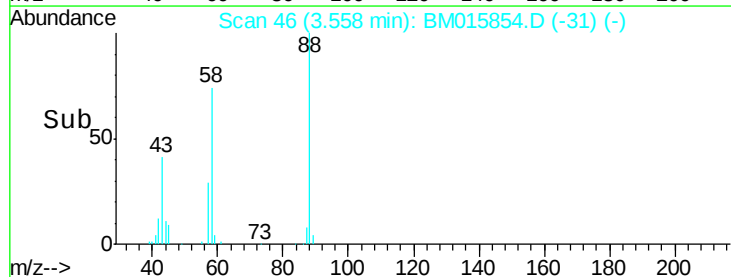
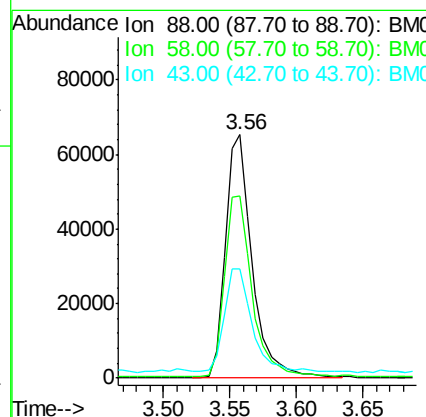
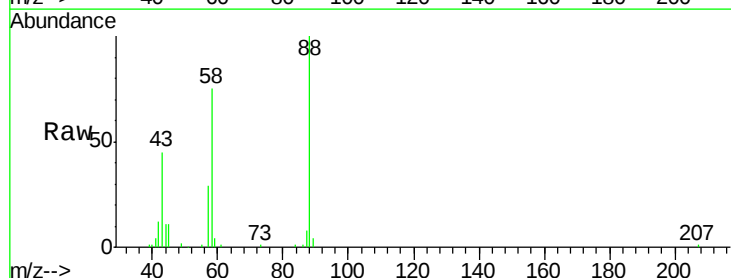
Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

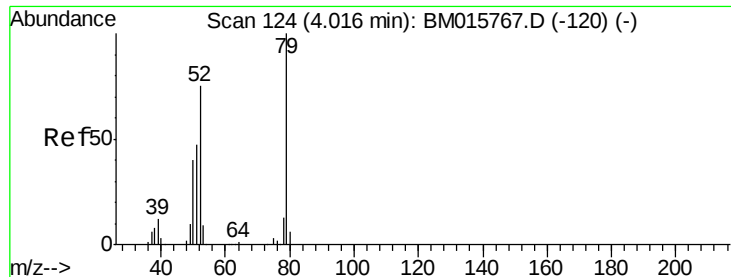
Tgt Ion:152 Resp: 101494
 Ion Ratio Lower Upper
 152 100
 150 162.4 119.5 179.3
 115 68.3 43.0 64.4#



#2
 1,4-Dioxane
 Concen: 37.751 ng
 RT: 3.56 min Scan# 46
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion: 88 Resp: 92399
 Ion Ratio Lower Upper
 88 100
 58 76.7 0.0 0.0#
 43 43.6 0.0 0.0#





#3

Pyridine

Concen: 39.862 ng

RT: 4.00 min Scan# 121

Delta R.T. -0.02 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampleId :

PB110919BS

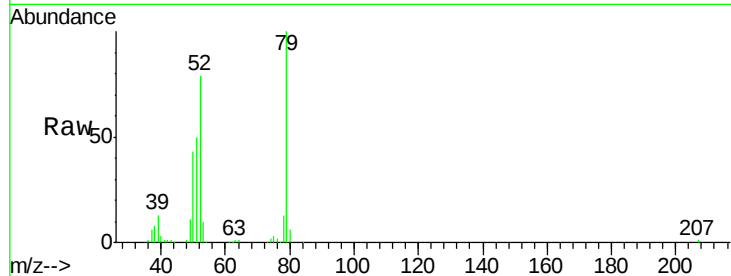
Tgt Ion: 79 Resp: 257461

Ion Ratio Lower Upper

79 100

52 78.9 51.1 76.7#

51 50.0 26.1 39.1#

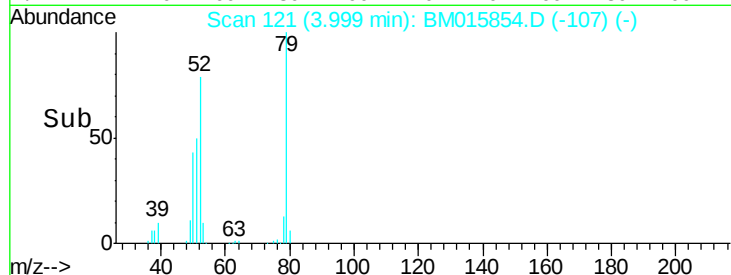


Abundance Ion 79.00 (78.70 to 79.70): BM015767.D (-120) (-)

Ion 52.00 (51.70 to 52.70): BM015767.D (-120) (-)

Ion 51.00 (50.70 to 51.70): BM015767.D (-120) (-)

Time-->



#4

n-Nitrosodimethylamine

Concen: 47.789 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

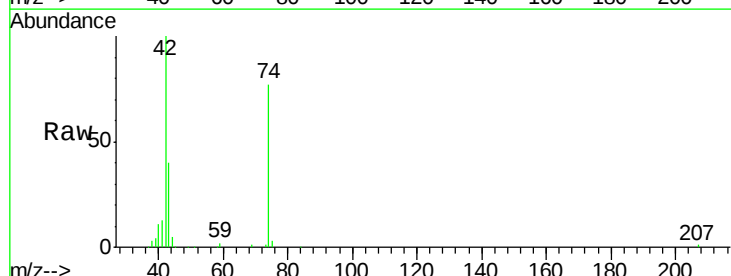
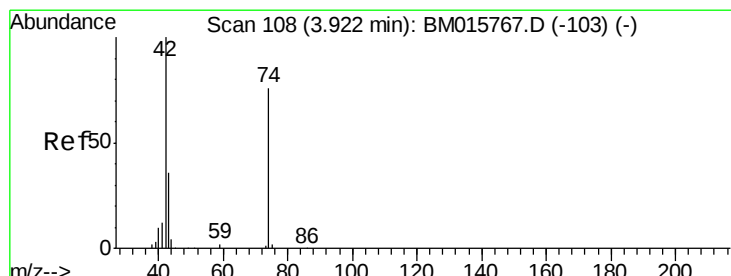
Tgt Ion: 42 Resp: 240338

Ion Ratio Lower Upper

42 100

74 76.9 119.3 178.9#

44 4.8 5.4 8.2#

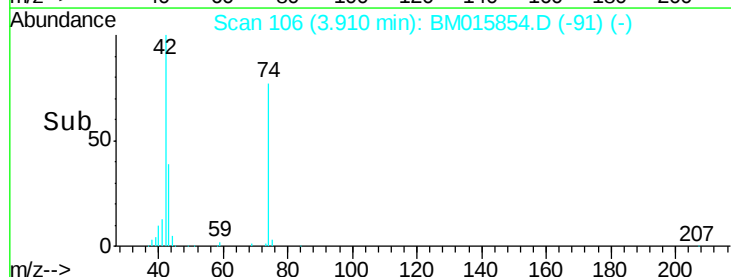


Abundance Ion 42.00 (41.70 to 42.70): BM015767.D (-103) (-)

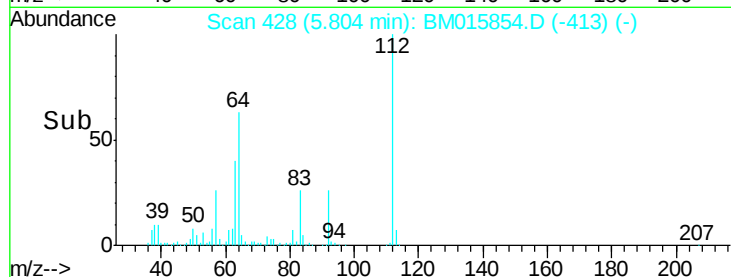
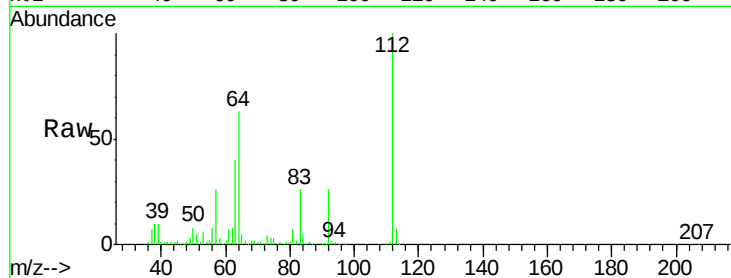
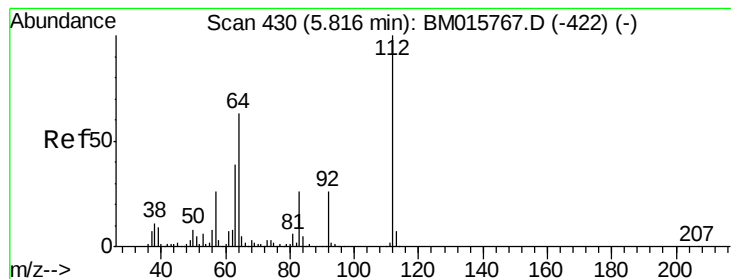
Ion 74.00 (73.70 to 74.70): BM015767.D (-103) (-)

Ion 44.00 (43.70 to 44.70): BM015767.D (-103) (-)

Time-->



Time-->



#5

2-Fluorophenol

Concen: 47.789 ng

RT: 5.80 min Scan# 428

Delta R.T. -0.01 min

Lab File: BM015854.D

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Instrument :

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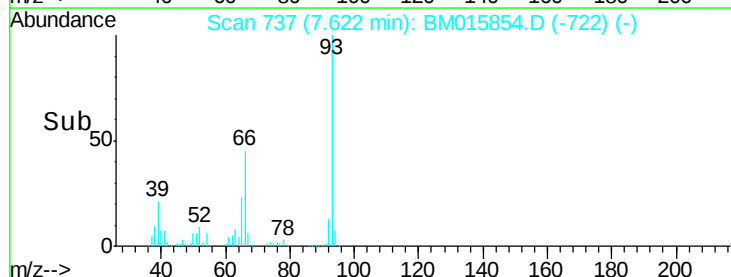
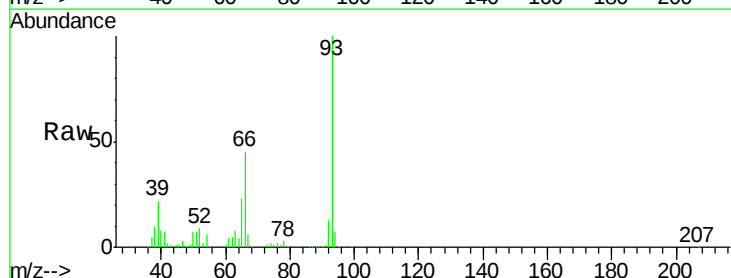
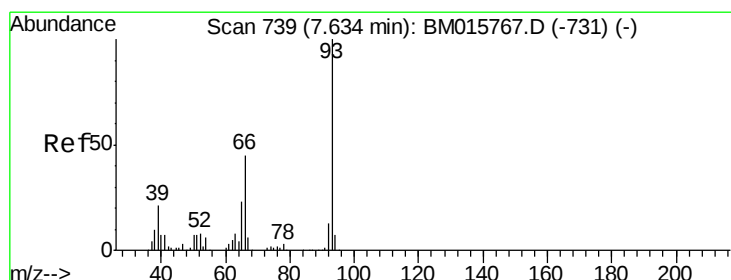
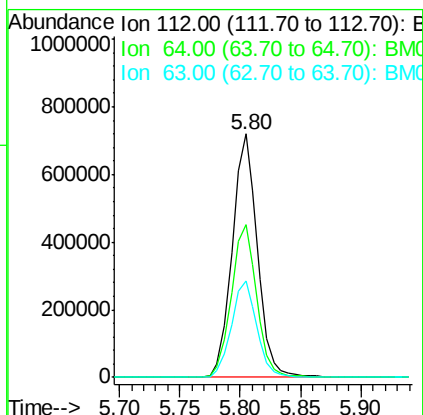
Tgt Ion: 112 Resp: 1044849

Ion Ratio Lower Upper

112 100

64 62.7 38.6 57.8#

63 39.7 19.3 28.9#



#6

Aniline

Concen: 37.025 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

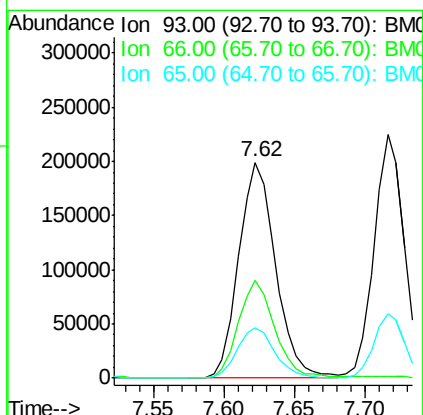
Tgt Ion: 93 Resp: 363686

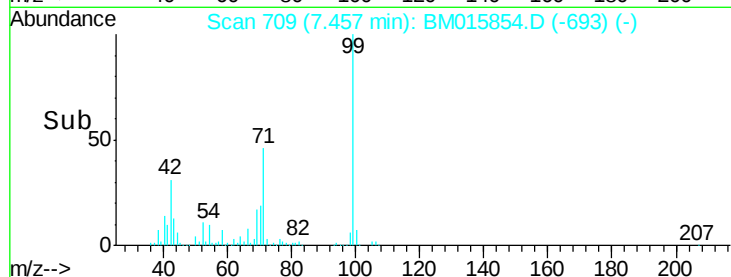
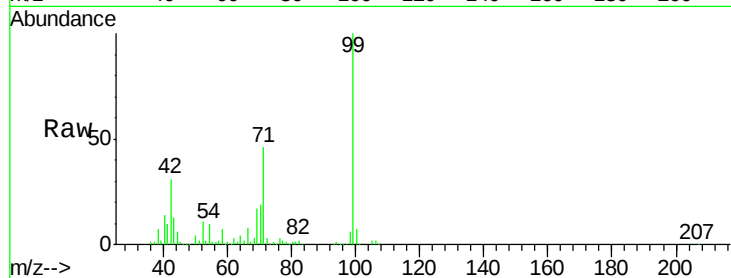
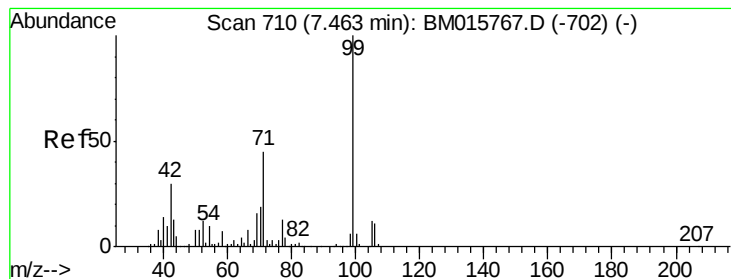
Ion Ratio Lower Upper

93 100

66 45.2 30.8 46.2

65 23.1 16.0 24.0





#7

Phenol-d6

Concen: 37.025 ng

RT: 7.46 min Scan# 709

Delta R.T. -0.01 min

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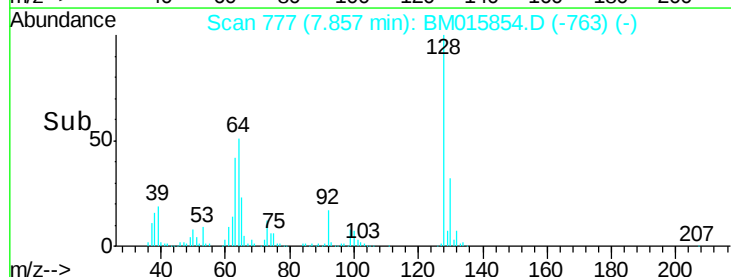
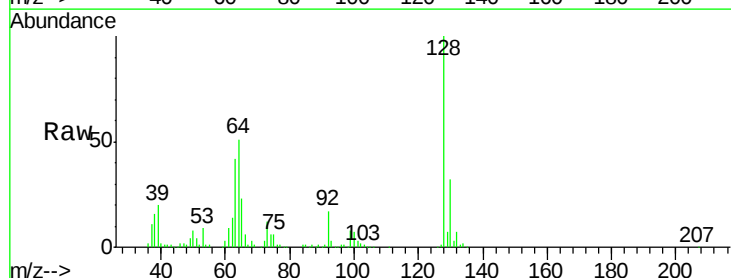
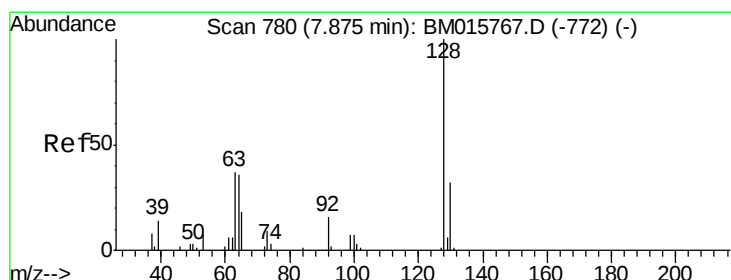
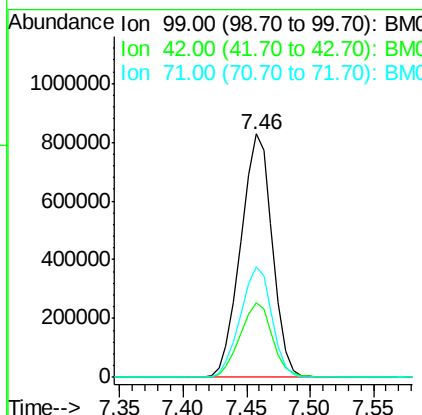
Tgt Ion: 99 Resp: 1432704

Ion Ratio Lower Upper

99 100

42 30.7 11.0 16.4#

71 45.6 23.4 35.2#



#8

2-Chlorophenol

Concen: 58.427 ng

RT: 7.86 min Scan# 777

Delta R.T. -0.02 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

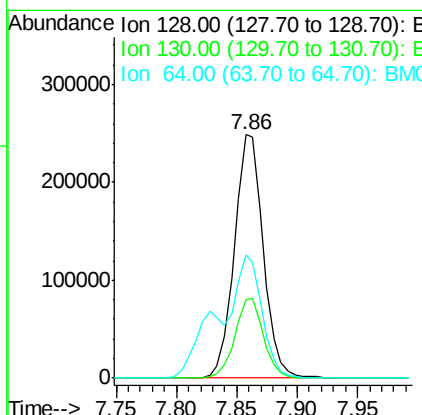
Tgt Ion: 128 Resp: 414991

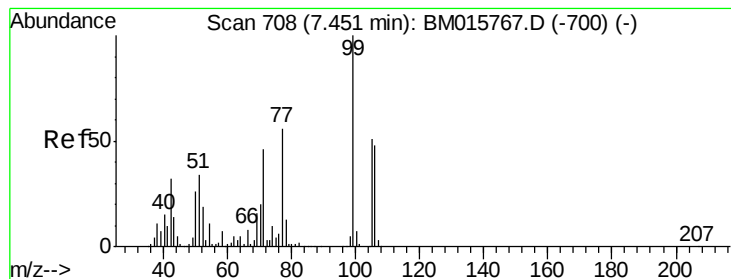
Ion Ratio Lower Upper

128 100

130 32.5 12.0 52.0

64 50.9 24.9 64.9





#9

Benzaldehyde

Concen: 29.596 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.02 min

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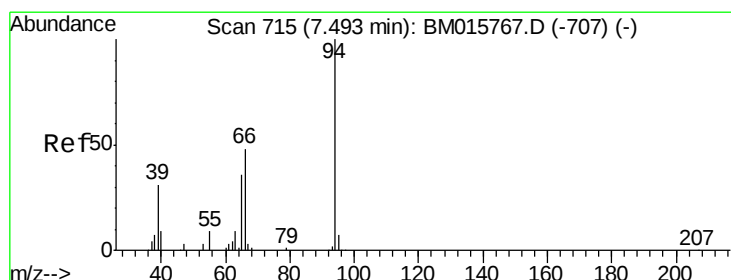
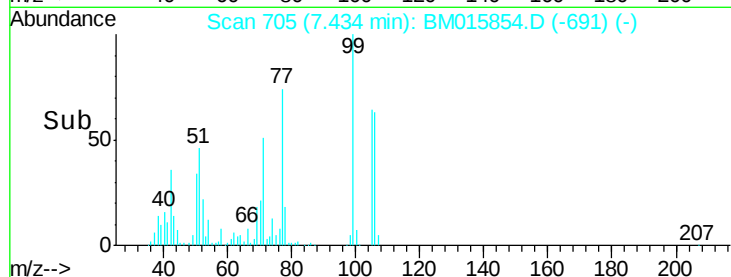
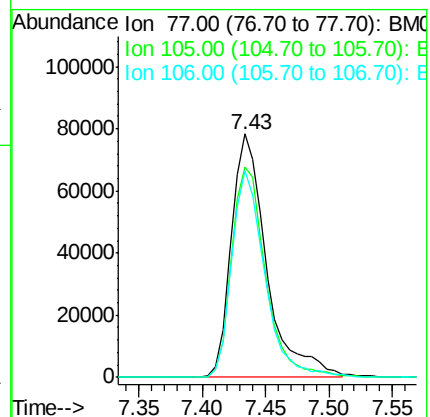
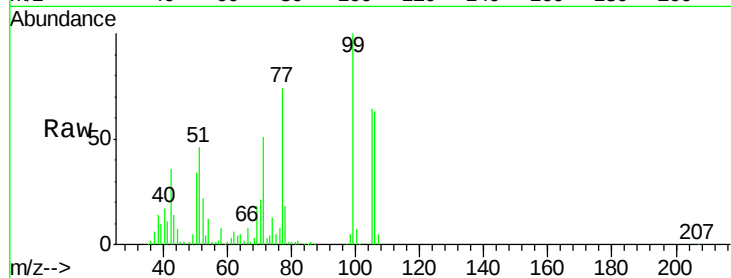
Tgt Ion: 77 Resp: 151134

Ion Ratio Lower Upper

77 100

105 86.2 78.8 118.8

106 84.8 73.7 113.7



#10

Phenol

Concen: 60.559 ng

RT: 7.49 min Scan# 714

Delta R.T. -0.01 min

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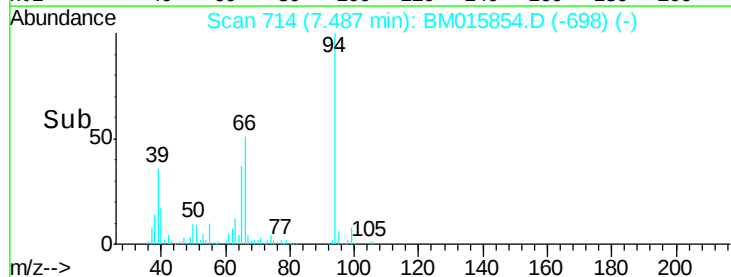
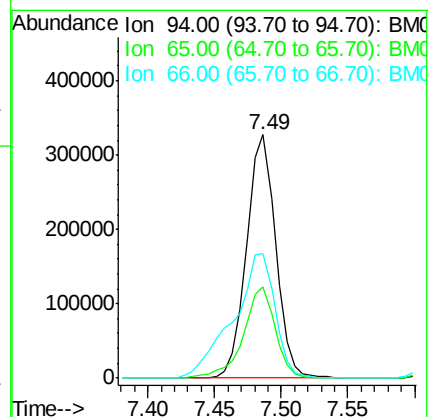
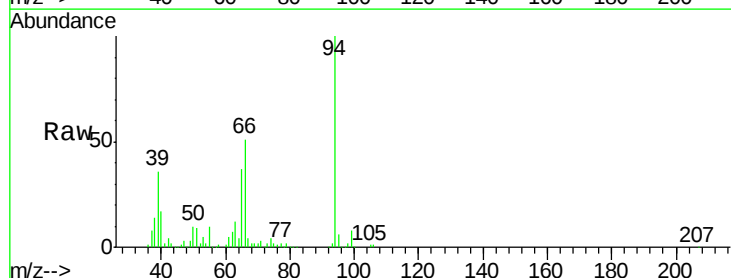
Tgt Ion: 94 Resp: 493003

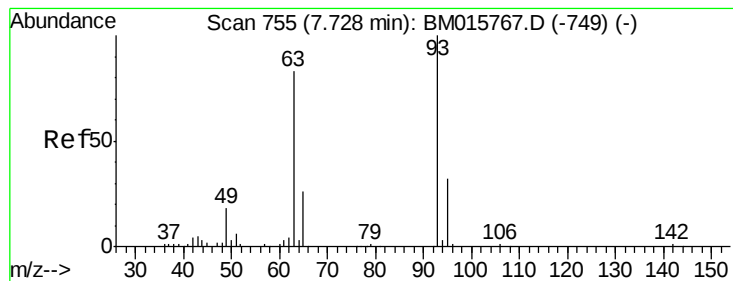
Ion Ratio Lower Upper

94 100

65 37.4 18.8 58.8

66 51.2 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 50.059 ng

RT: 7.72 min Scan# 753

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampleId :

PB110919BS

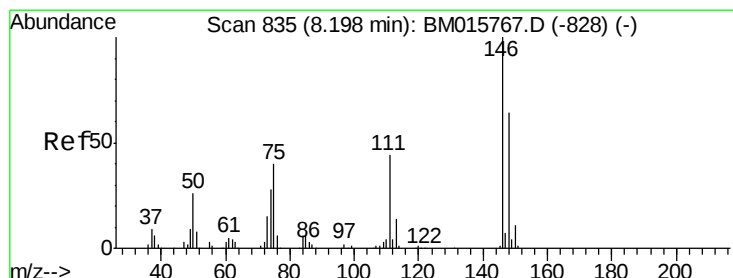
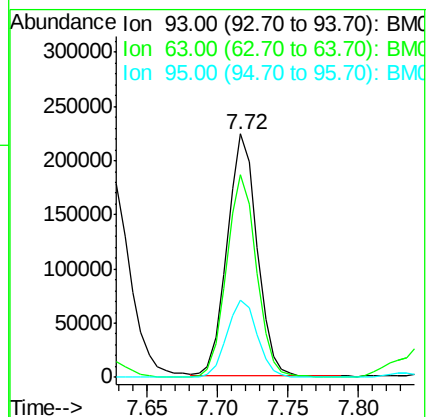
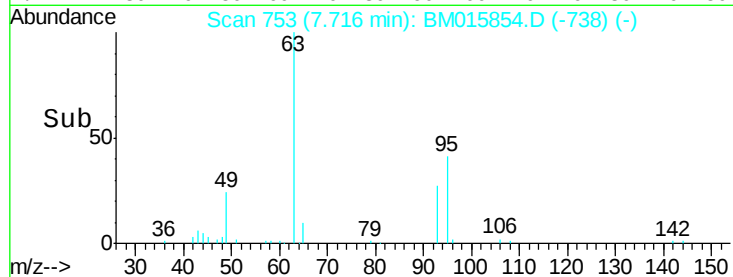
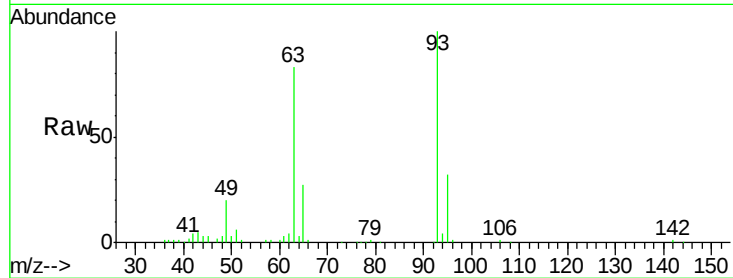
Tgt Ion: 93 Resp: 331513

Ion Ratio Lower Upper

93 100

63 83.1 49.5 89.5

95 31.7 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 48.923 ng

RT: 8.19 min Scan# 833

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

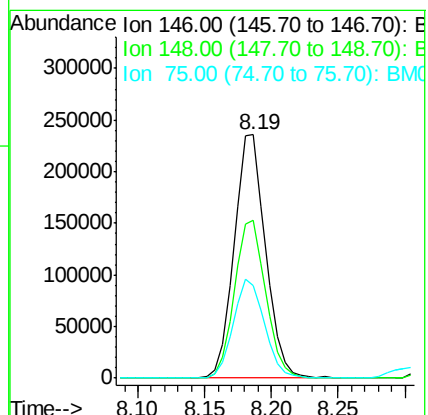
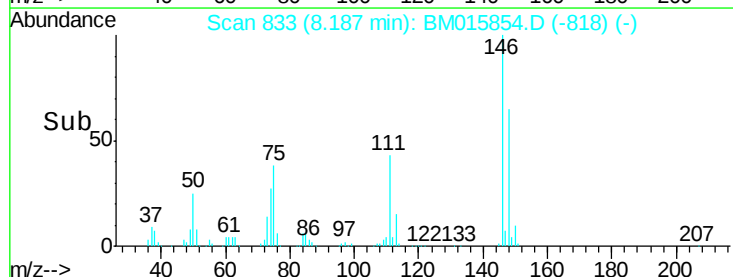
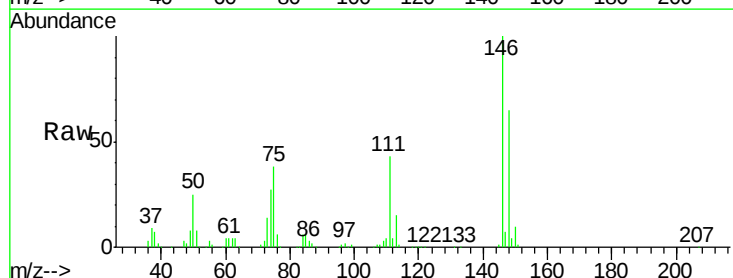
Tgt Ion: 146 Resp: 385271

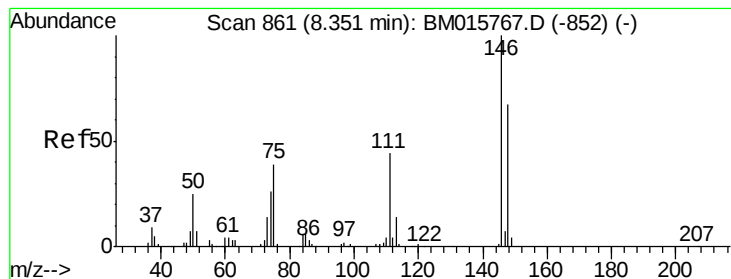
Ion Ratio Lower Upper

146 100

148 65.1 50.9 76.3

75 38.2 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 48.549 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.02 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampleId :

PB110919BS

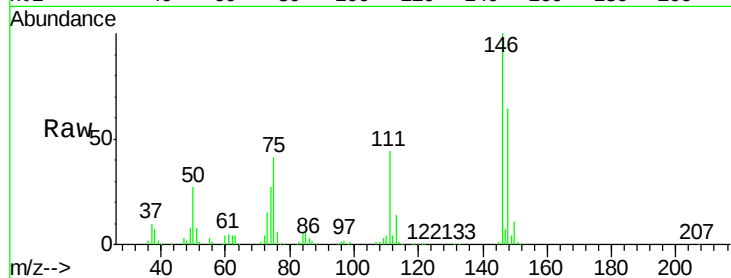
Tgt Ion:146 Resp: 395367

Ion Ratio Lower Upper

146 100

148 64.3 51.9 77.9

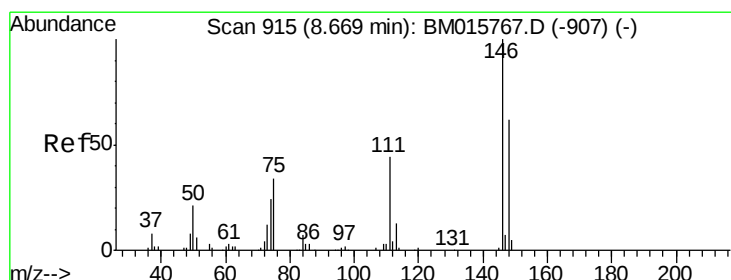
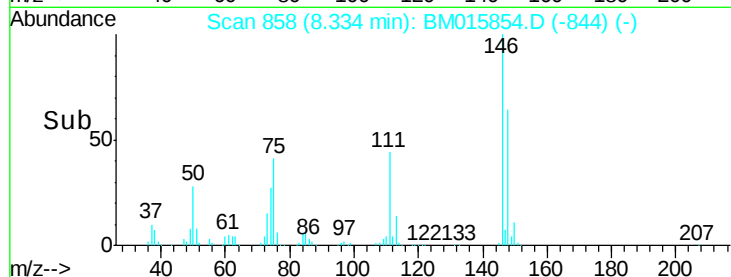
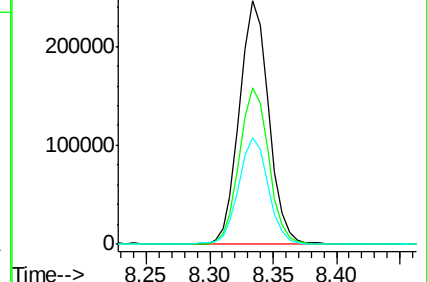
111 44.0 29.2 43.8#



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: 49.854 ng

RT: 8.66 min Scan# 913

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

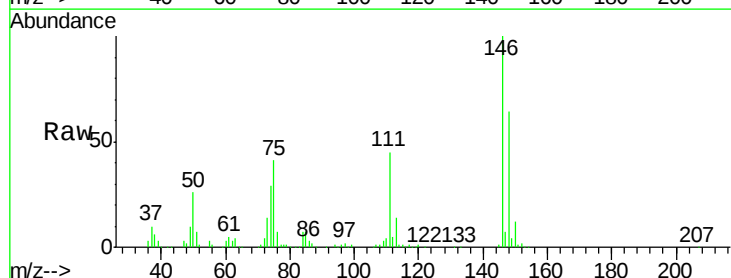
Tgt Ion:146 Resp: 392643

Ion Ratio Lower Upper

146 100

148 64.2 52.3 78.5

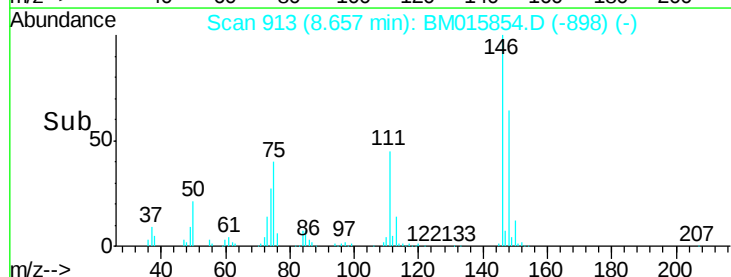
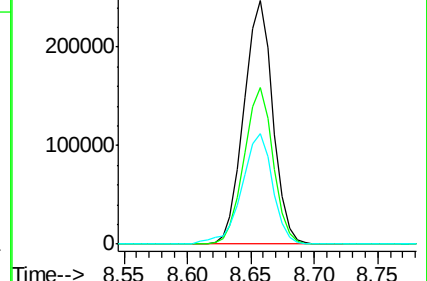
111 45.4 30.6 45.8

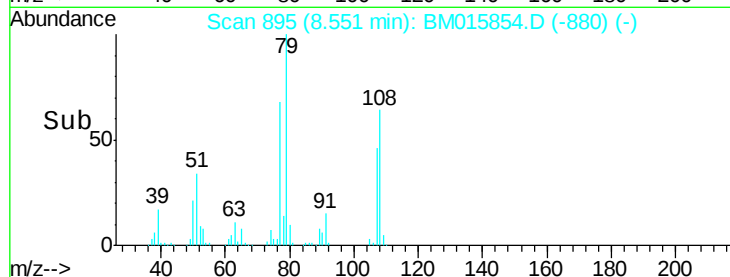
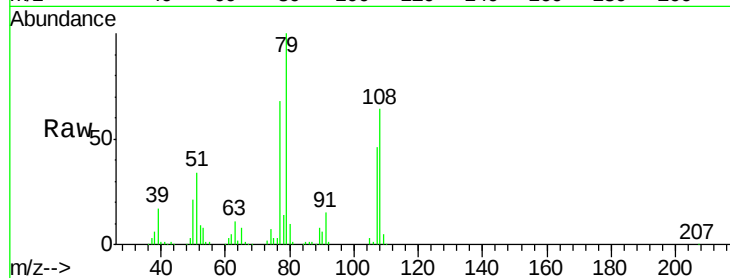
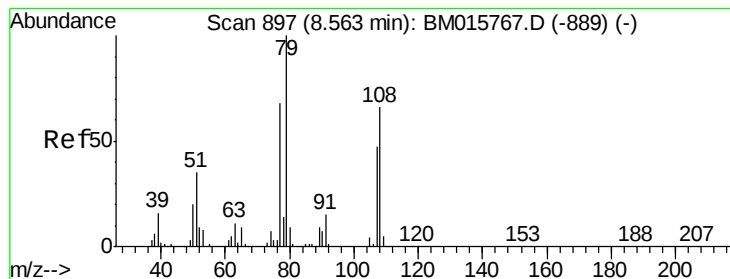


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 55.122 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampleId :

PB110919BS

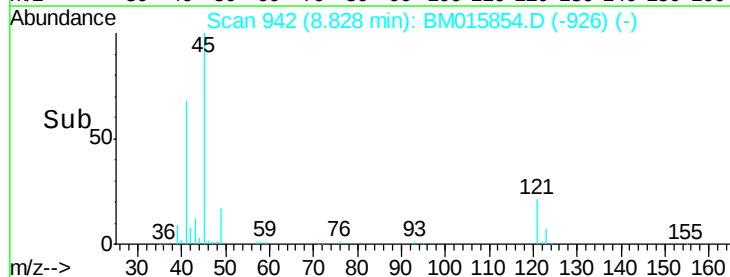
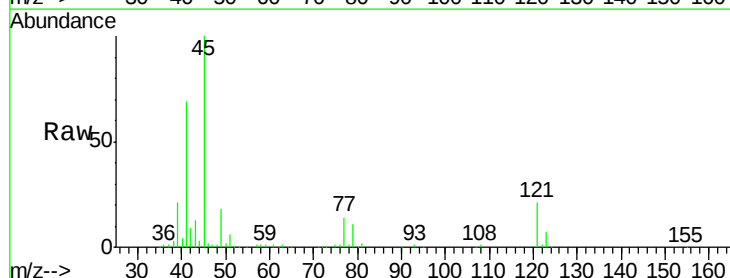
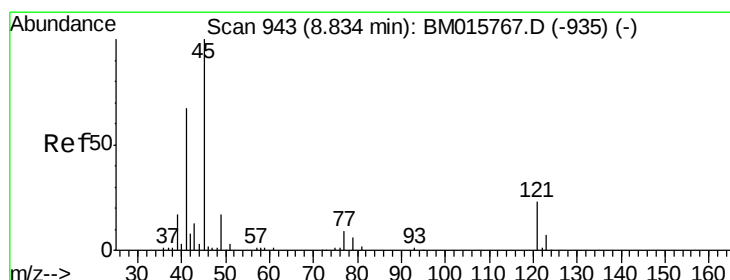
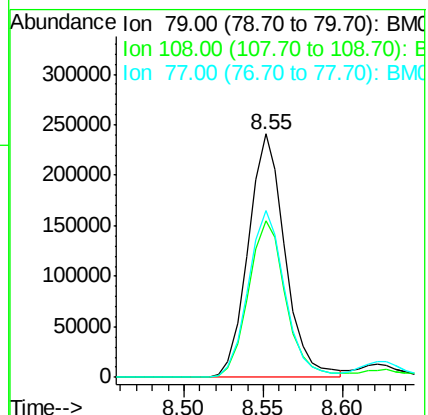
Tgt Ion: 79 Resp: 387721

Ion Ratio Lower Upper

79 100

108 64.4 65.0 97.4#

77 68.3 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 74.721 ng

RT: 8.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

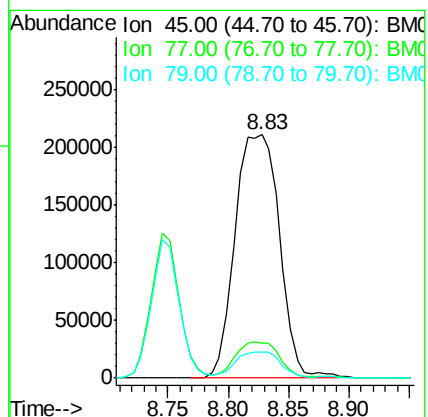
Tgt Ion: 45 Resp: 540419

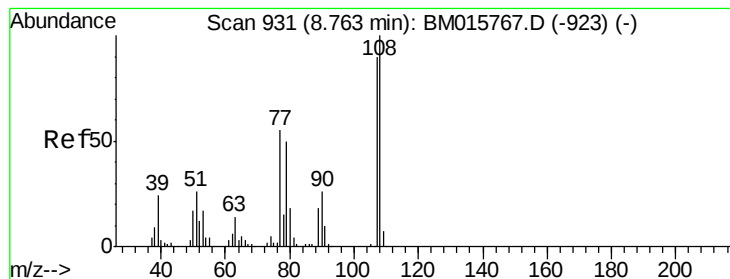
Ion Ratio Lower Upper

45 100

77 14.3 0.0 35.2

79 10.8 0.0 32.0





#17

2-Methylphenol

Concen: 59.650 ng

RT: 8.75 min Scan# 928

Delta R.T. -0.02 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampleId :

PB110919BS

Tgt Ion:107 Resp: 336431

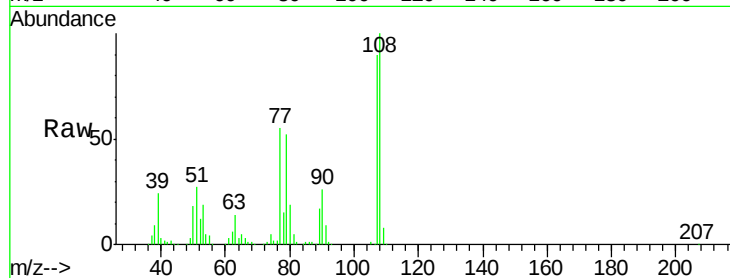
Ion Ratio Lower Upper

107 100

108 110.5 89.8 134.8

77 60.5 32.6 48.8#

79 58.0 32.8 49.2#

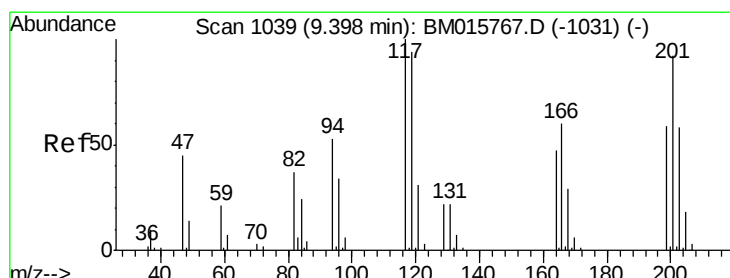
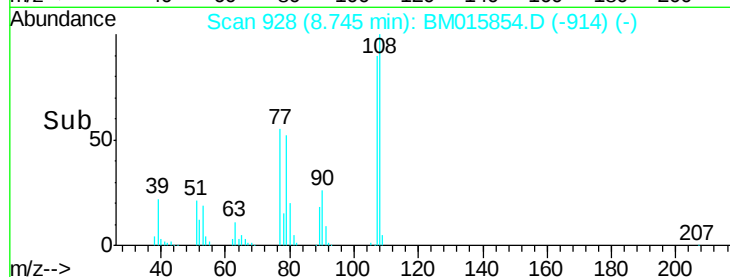
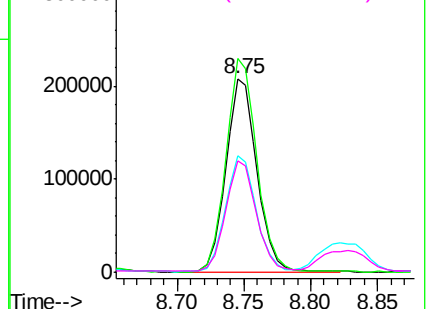


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 51.012 ng

RT: 9.38 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

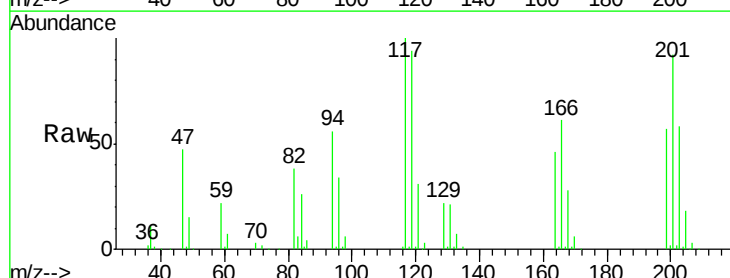
Tgt Ion:117 Resp: 164262

Ion Ratio Lower Upper

117 100

119 94.1 79.2 118.8

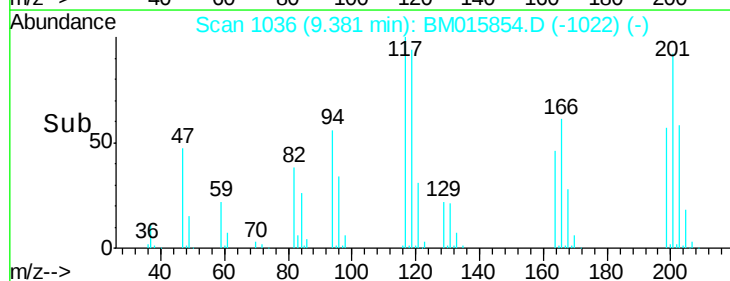
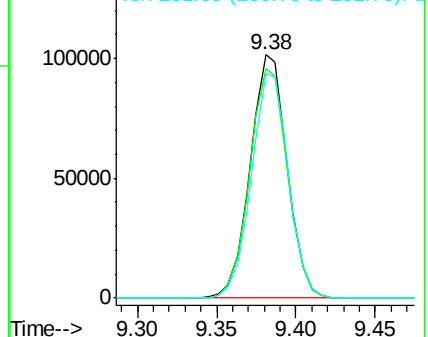
201 92.2 69.8 104.6

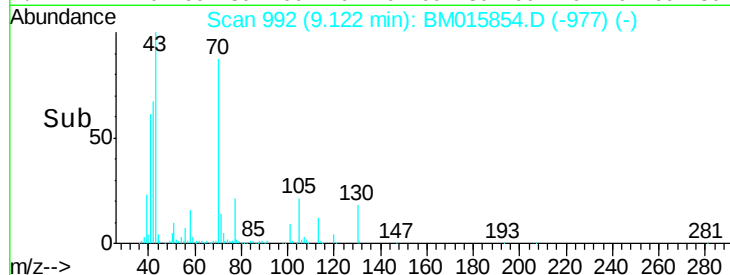
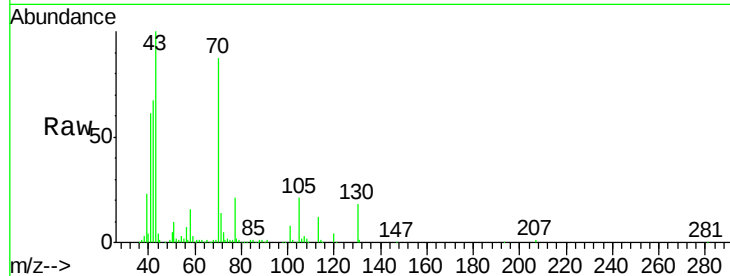
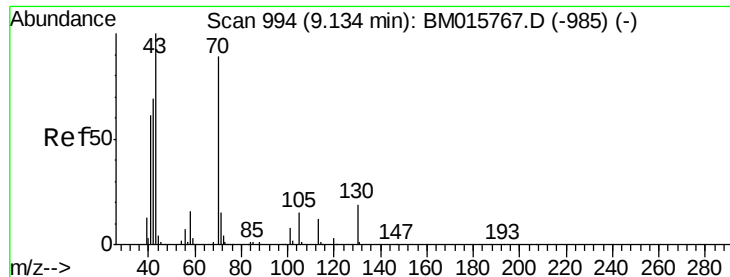


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

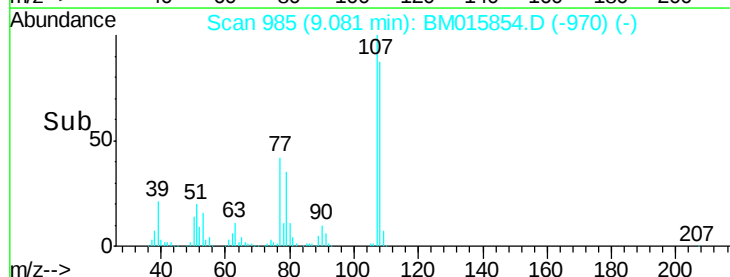
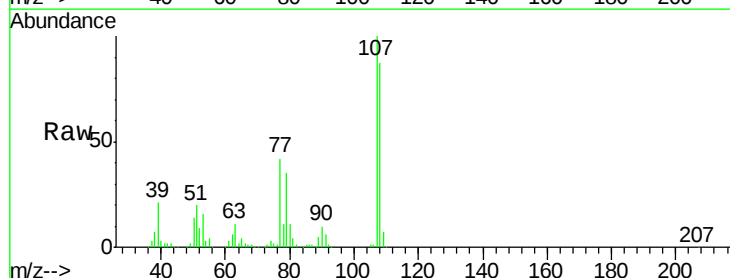
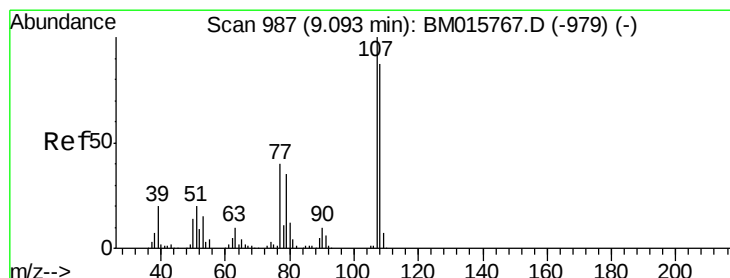
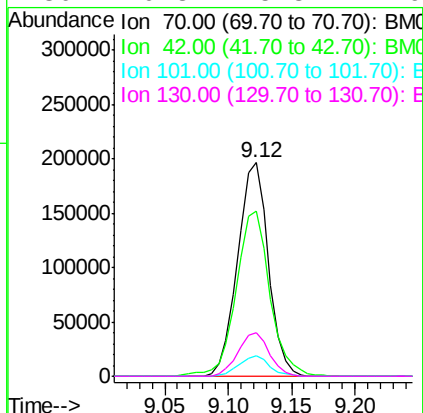




#19
n-Nitroso-di-n-propylamine
Concen: 50.858 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

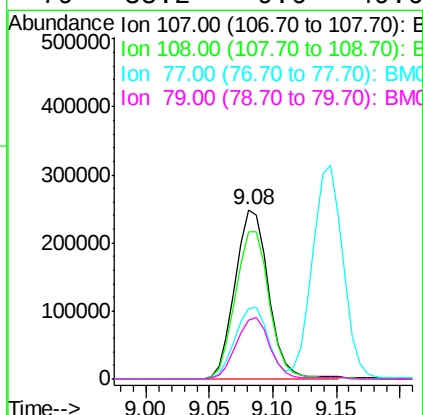
Instrument :
BNA_M
ClientSampleId :
PB110919BS

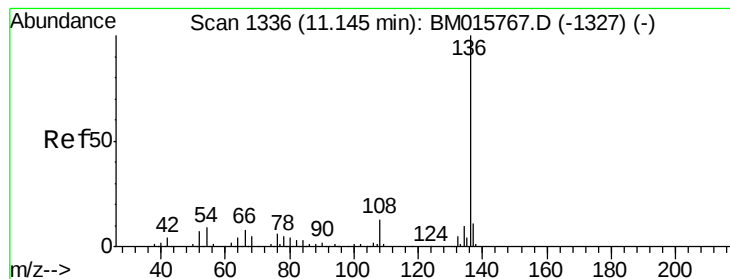
Tgt Ion:	70	Resp:	331157
Ion	Ratio	Lower	Upper
70	100		
42	77.6	44.5	66.7#
101	9.8	7.4	11.2
130	20.3	15.3	22.9



#20
3+4-Methylphenols
Concen: 58.594 ng
RT: 9.08 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion:	107	Resp:	459045
Ion	Ratio	Lower	Upper
107	100		
108	87.3	73.2	113.2
77	42.0	10.7	50.7
79	35.2	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.13 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampleId :

PB110919BS

Tgt Ion:136 Resp: 430944

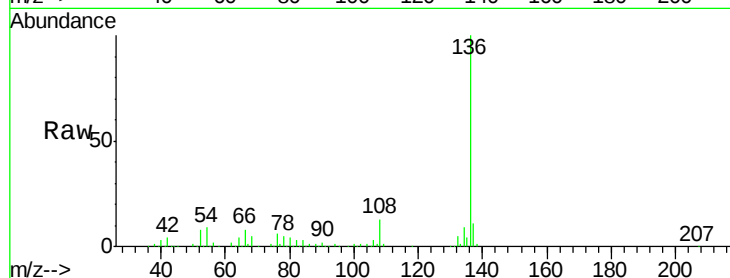
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.0 4.6 6.8#

68 4.8 3.7 5.5

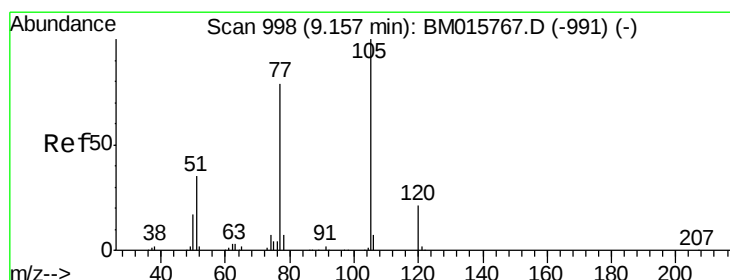
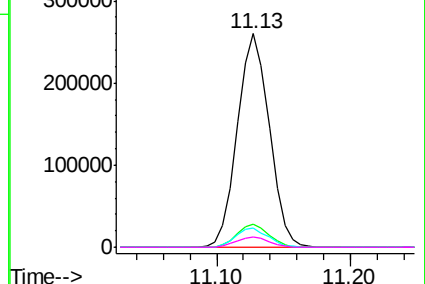
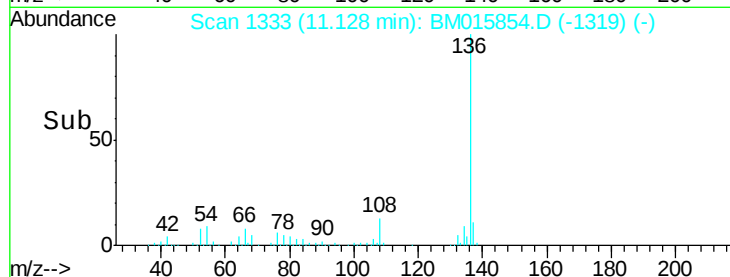


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 53.520 ng

RT: 9.15 min Scan# 996

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Tgt Ion:105 Resp: 600826

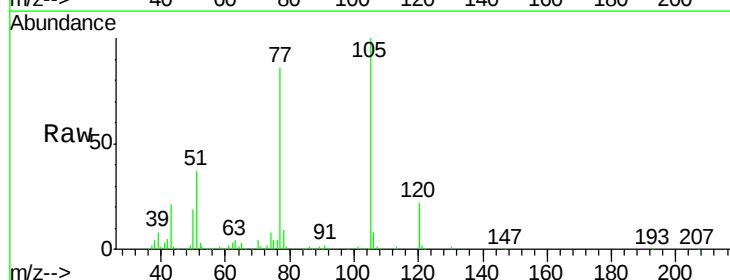
Ion Ratio Lower Upper

105 100

71 0.6 0.6 1.0#

51 37.3 21.6 32.4#

120 21.8 16.1 24.1

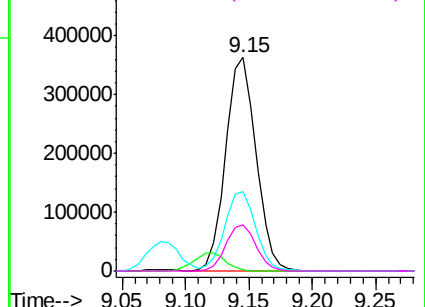
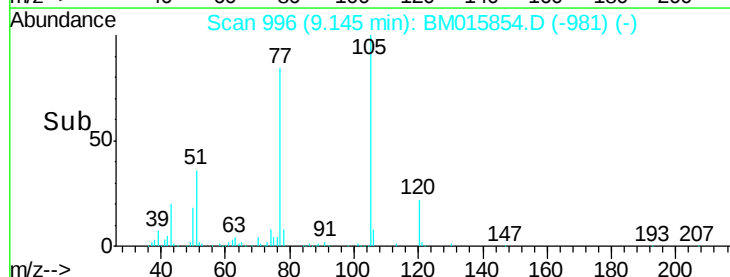


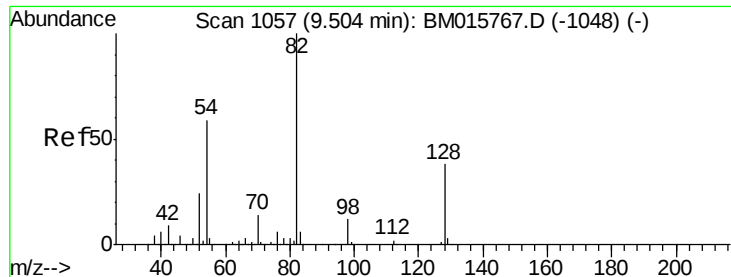
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

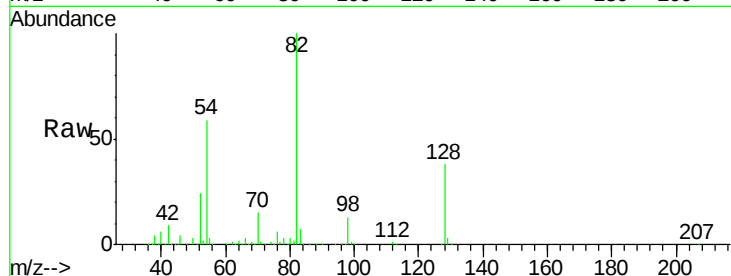




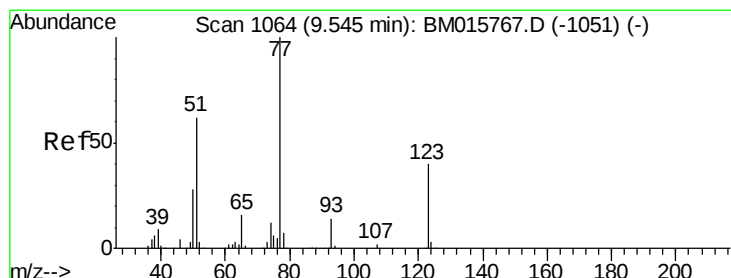
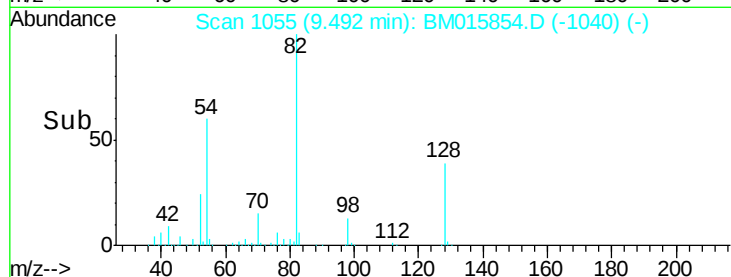
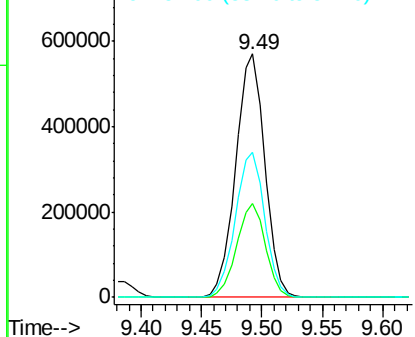
#23
 Nitrobenzene-d5
 Concen: 53.520 ng
 RT: 9.49 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

Tgt Ion: 82 Resp: 961440
 Ion Ratio Lower Upper
 82 100
 128 38.4 32.8 49.2
 54 59.4 40.6 60.8

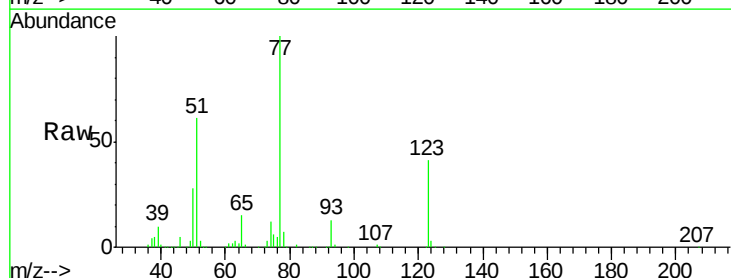


Abundance Ion 82.00 (81.70 to 82.70): BM0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BM0

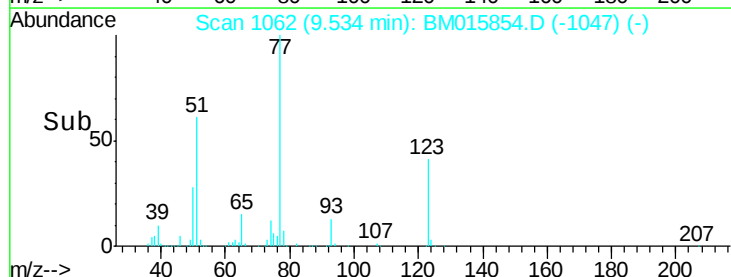
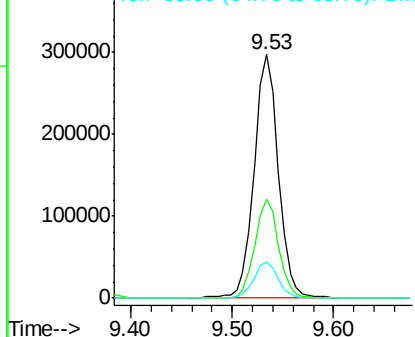


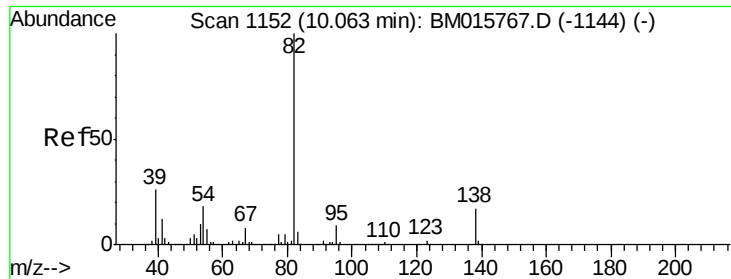
#24
 Nitrobenzene
 Concen: 57.453 ng
 RT: 9.53 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion: 77 Resp: 493958
 Ion Ratio Lower Upper
 77 100
 123 40.5 32.6 49.0
 65 14.9 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BM0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BM0





#25

Isophorone

Concen: 62.004 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampleId :

PB110919BS

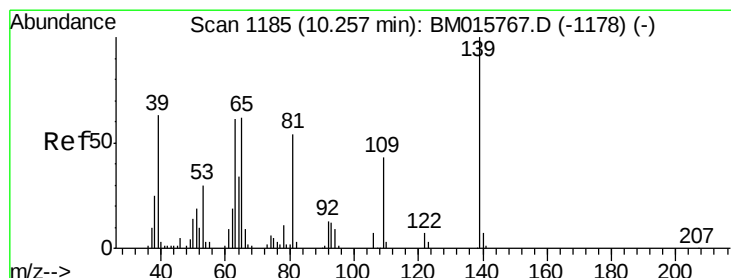
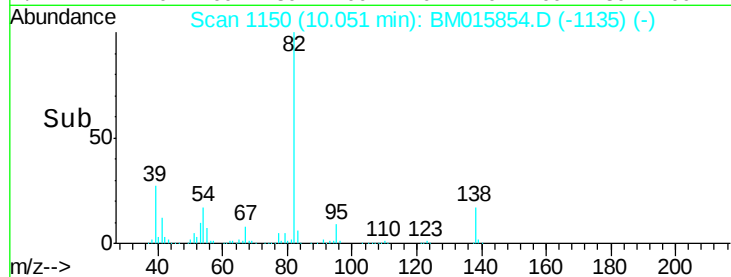
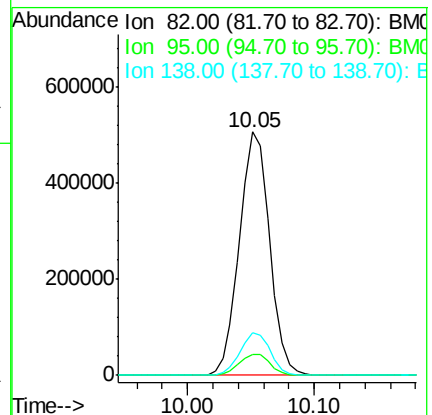
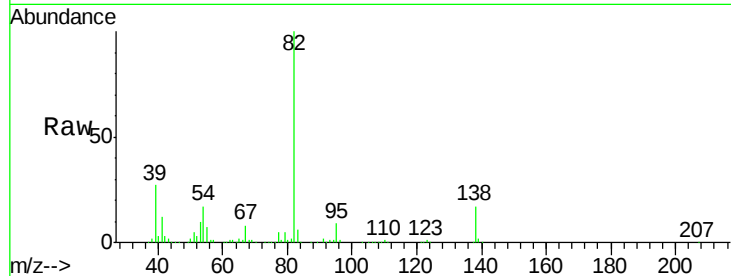
Tgt Ion: 82 Resp: 835884

Ion Ratio Lower Upper

82 100

95 8.8 5.8 8.6#

138 17.3 16.3 24.5



#26

2-Nitrophenol

Concen: 57.975 ng

RT: 10.25 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

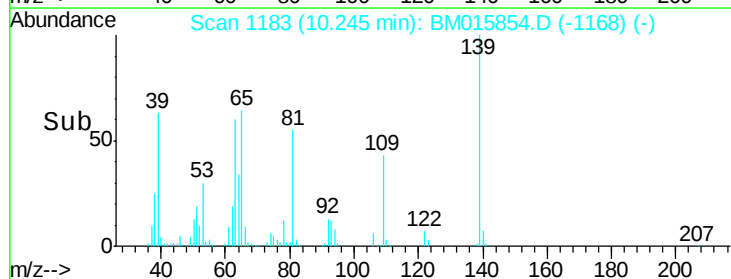
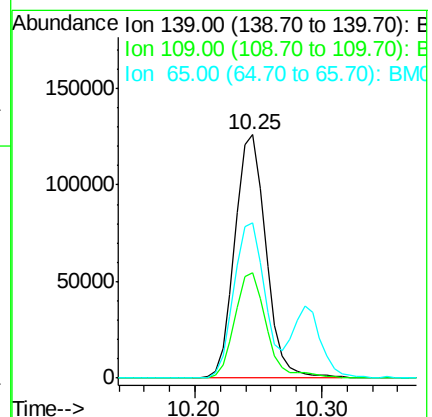
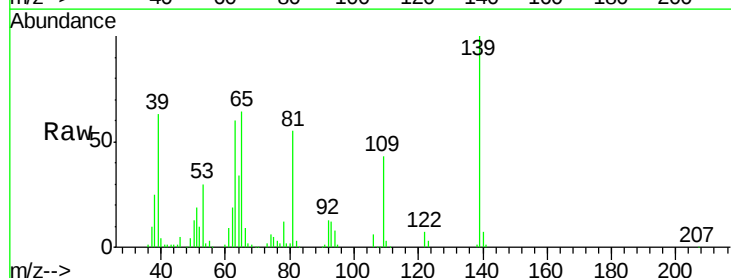
Tgt Ion: 139 Resp: 214636

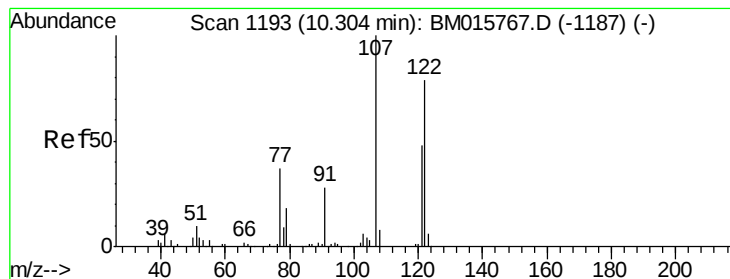
Ion Ratio Lower Upper

139 100

109 43.4 20.1 30.1#

65 63.8 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 67.229 ng

RT: 10.29 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampleId :

PB110919BS

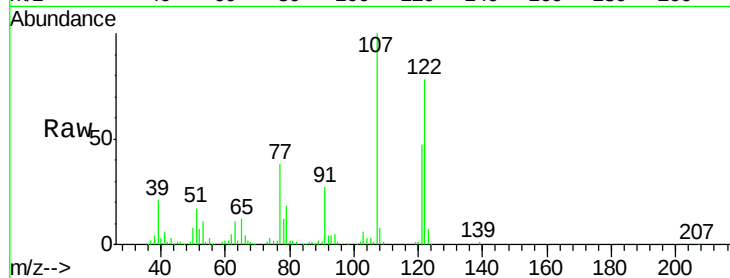
Tgt Ion:122 Resp: 378111

Ion Ratio Lower Upper

122 100

107 128.4 84.7 127.1#

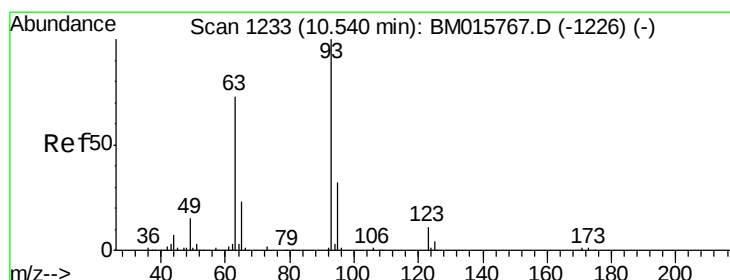
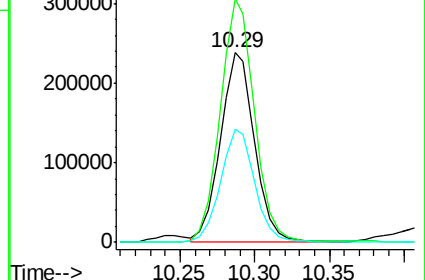
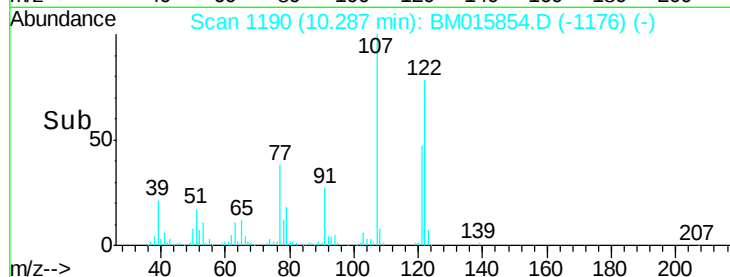
121 59.7 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 55.210 ng

RT: 10.53 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

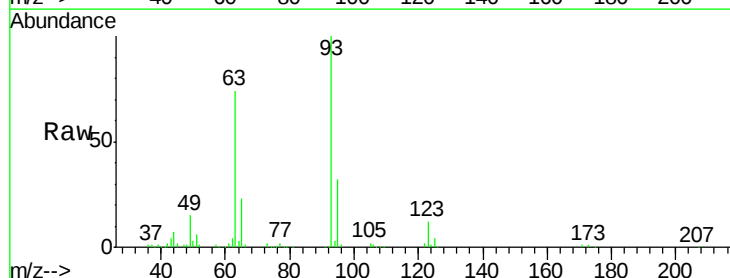
Tgt Ion: 93 Resp: 484905

Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

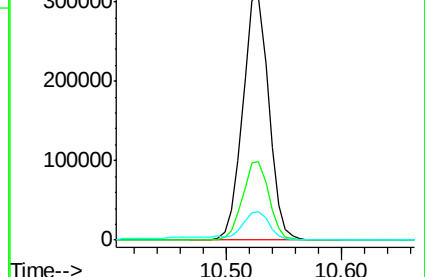
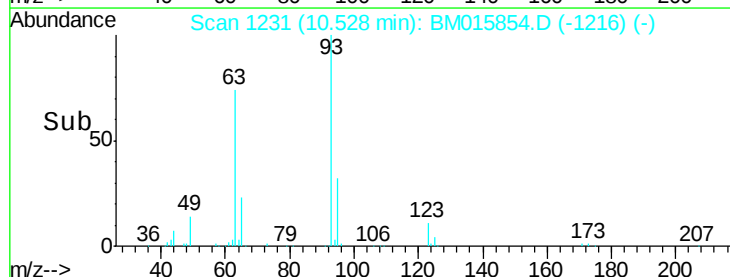
123 12.0 8.6 13.0

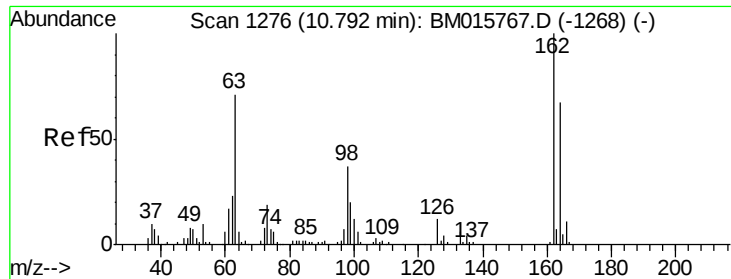


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

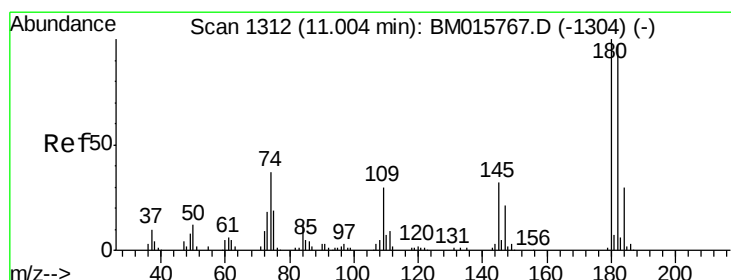
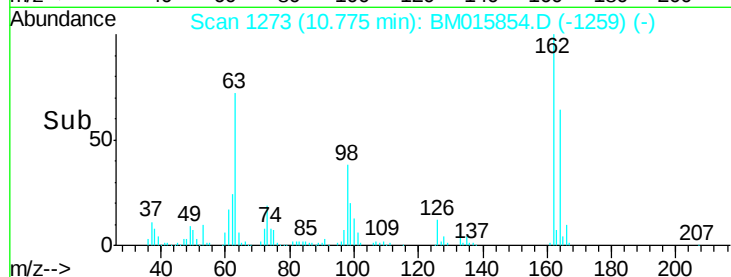
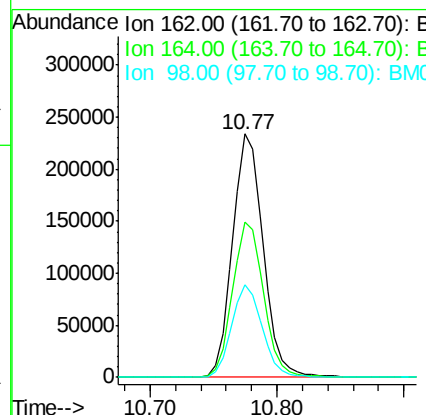
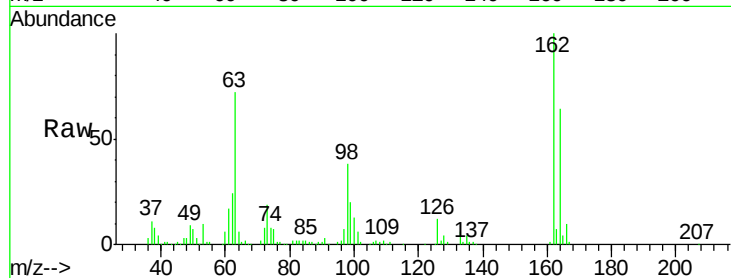




#29
 2,4-Dichlorophenol
 Concen: 62.869 ng
 RT: 10.77 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

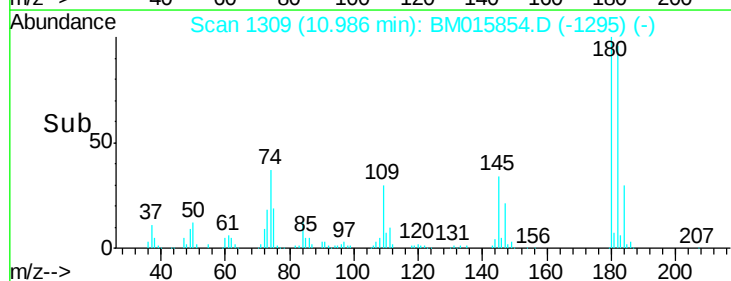
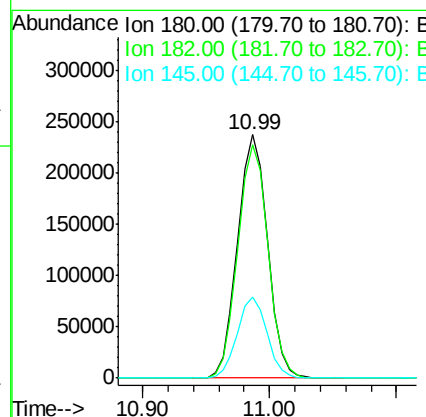
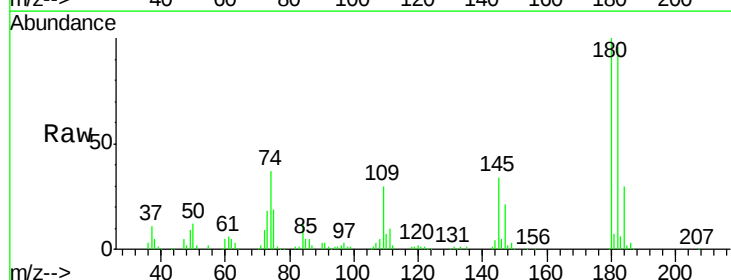
Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

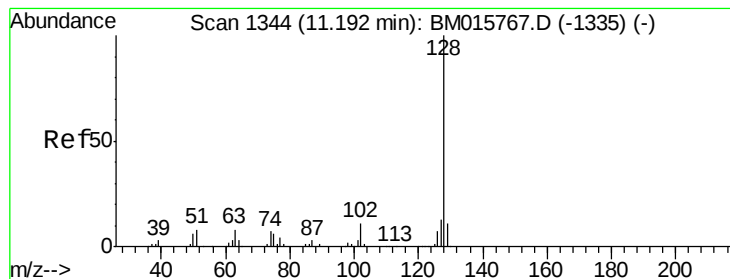
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.8	82.8
98	38.1	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 53.611 ng
 RT: 10.99 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.6	116.4
145	33.5	23.4	35.2

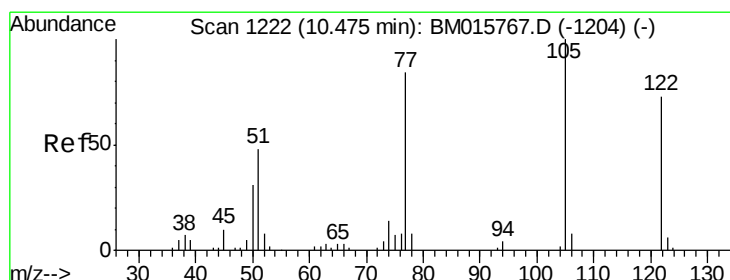
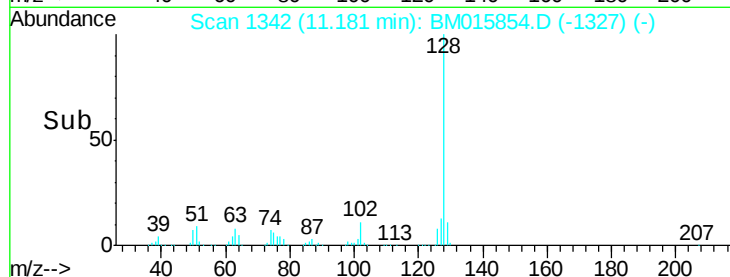
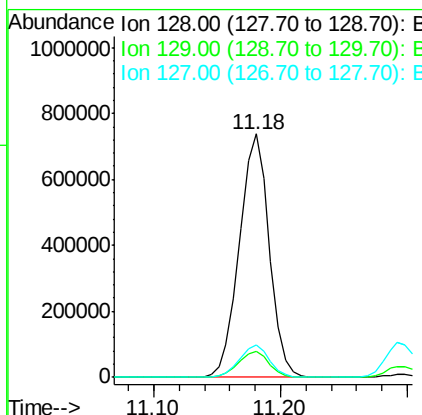
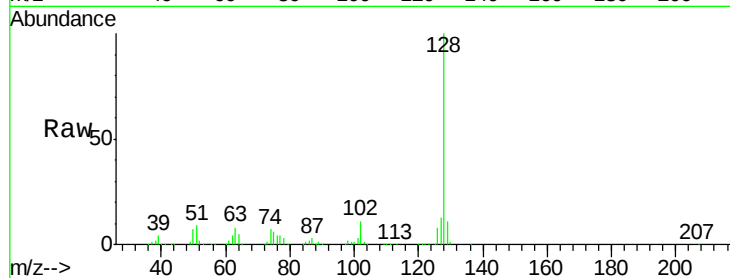




#31
Naphthalene
Concen: 53.899 ng
RT: 11.18 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

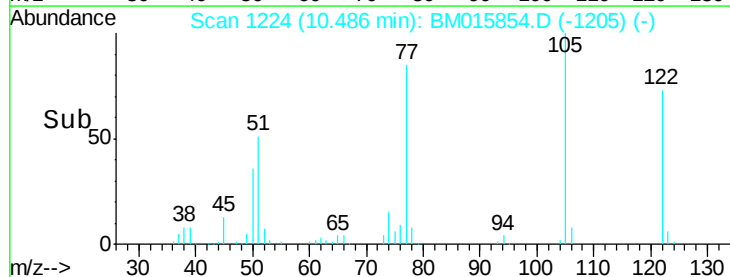
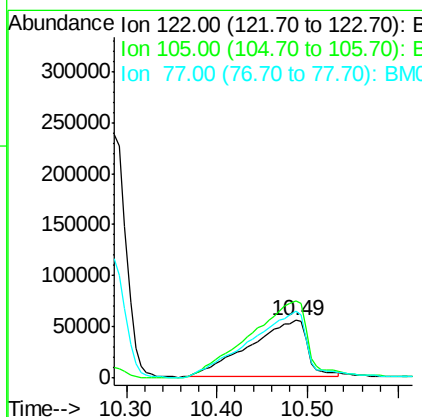
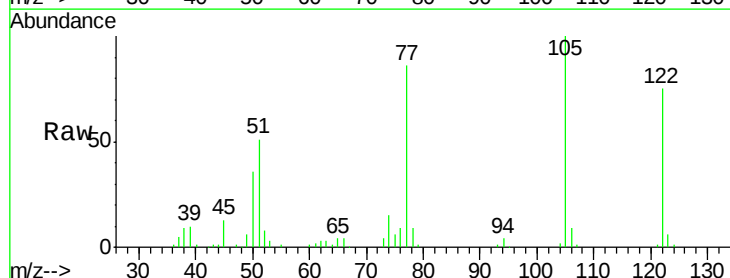
Instrument :
BNA_M
ClientSampleId :
PB110919BS

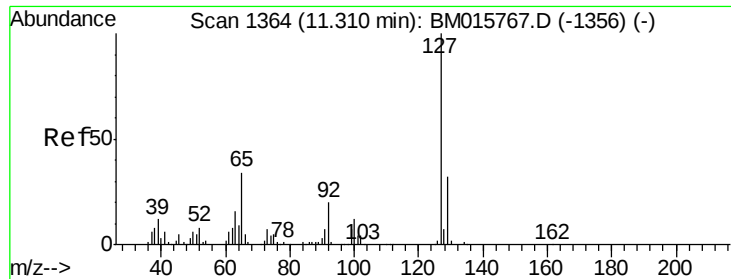
Tgt Ion:128 Resp: 1204252
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.4 10.4 15.6



#32
Benzoic acid
Concen: 47.741 ng
RT: 10.49 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion:122 Resp: 237727
Ion Ratio Lower Upper
122 100
105 134.0 99.9 139.9
77 115.7 73.7 113.7#

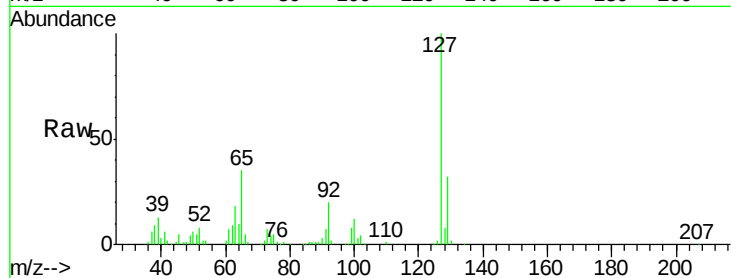




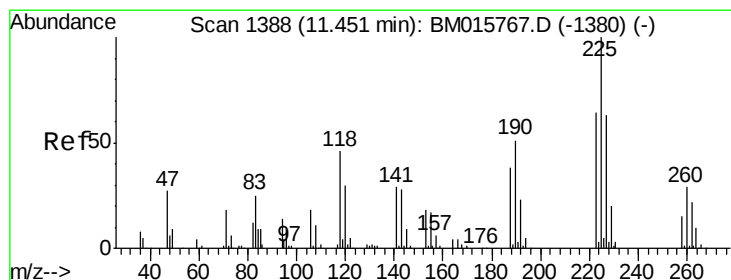
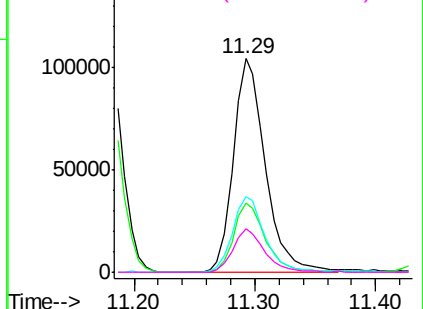
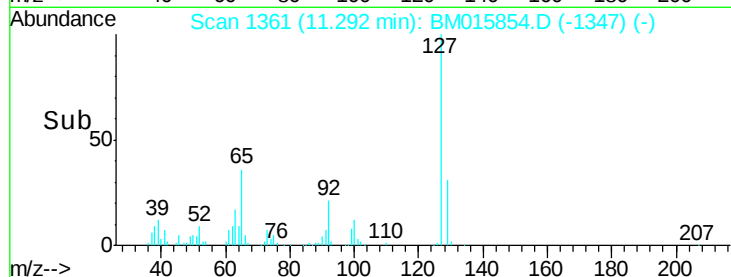
#33
4-Chloroaniline
Concen: 21.074 ng
RT: 11.29 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampleId :
PB110919BS

Tgt Ion:	127	Resp:	191974
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.3	37.9
65	35.4	17.6	26.4
92	20.4	13.1	19.7

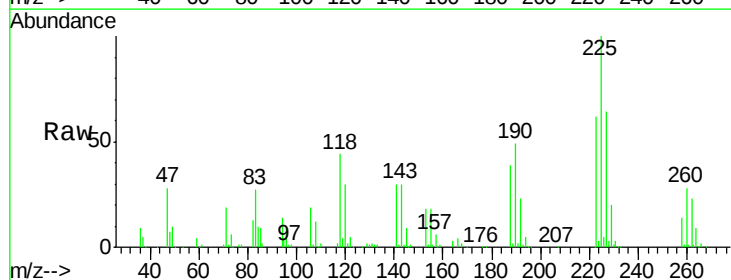


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

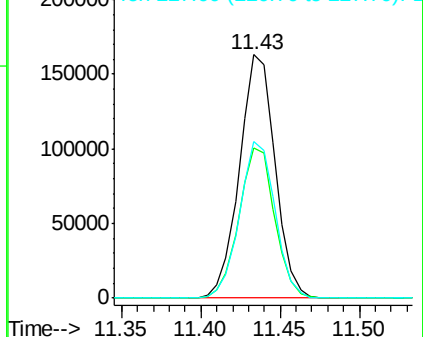
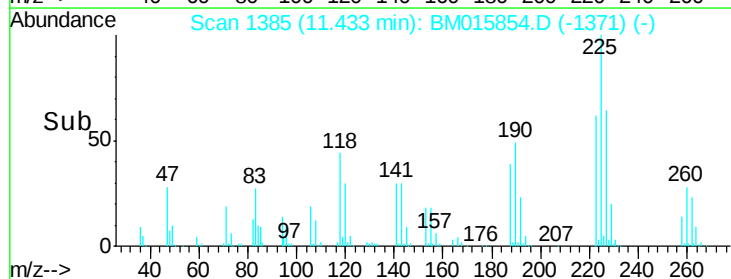


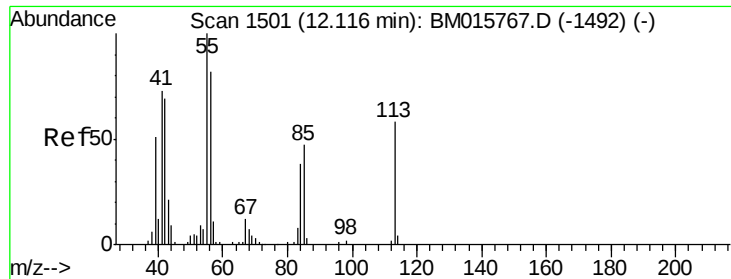
#34
Hexachlorobutadiene
Concen: 52.668 ng
RT: 11.43 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion:	225	Resp:	254305
Ion	Ratio	Lower	Upper
225	100		
223	61.6	47.9	71.9
227	64.3	50.1	75.1



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

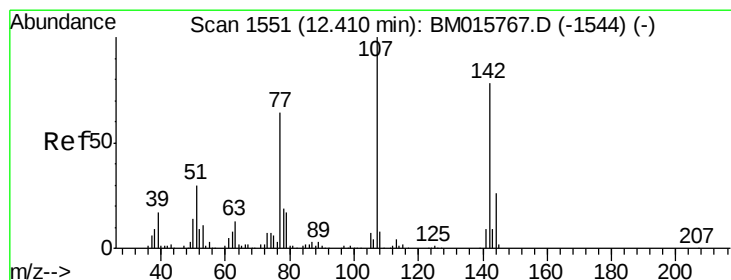
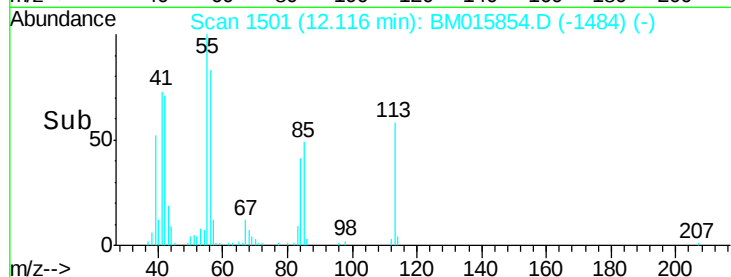
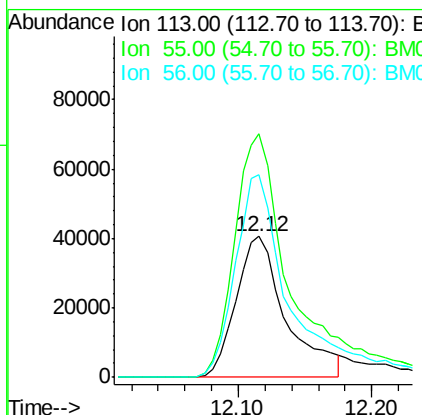
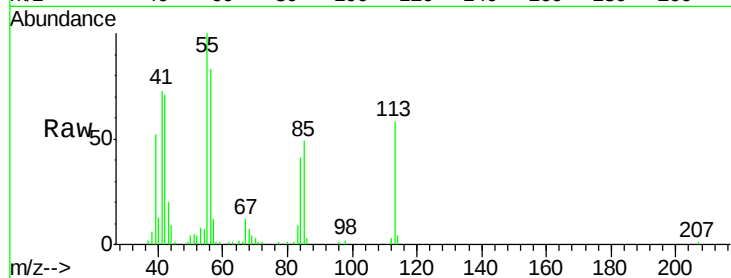




#35
 Caprolactam
 Concen: 51.172 ng
 RT: 12.12 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

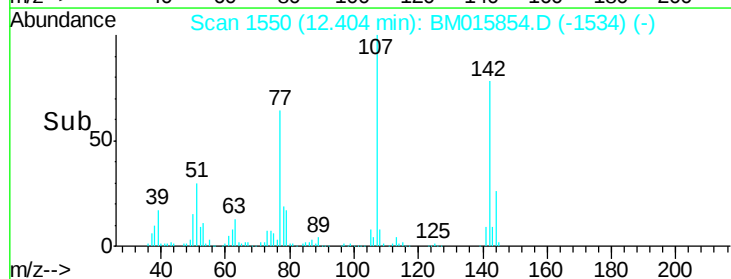
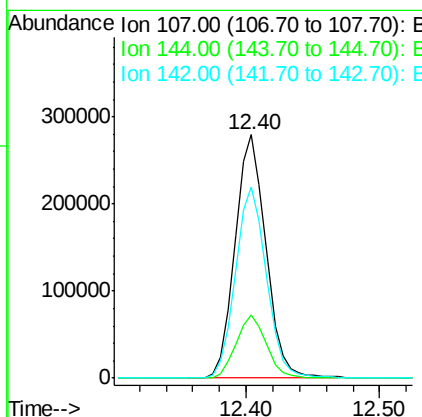
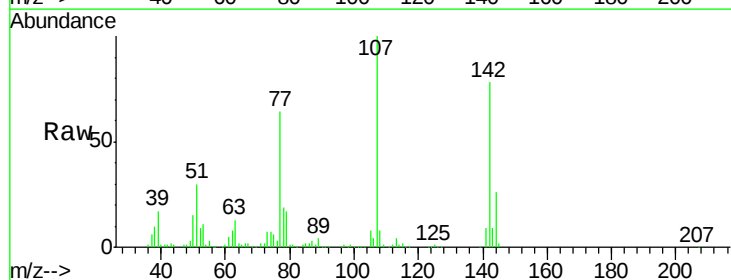
Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

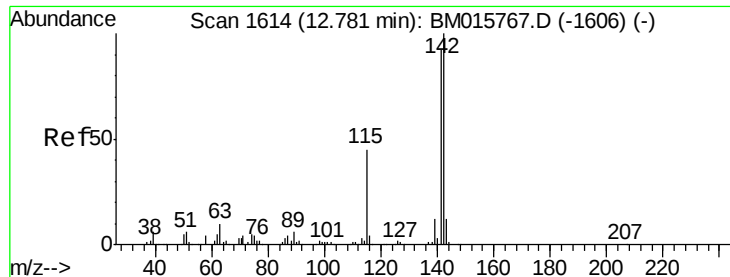
Tgt Ion:113 Resp: 105711
 Ion Ratio Lower Upper
 113 100
 55 172.7 145.9 185.9
 56 143.3 101.0 141.0#



#36
 4-Chloro-3-methylphenol
 Concen: 62.978 ng
 RT: 12.40 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion:107 Resp: 450120
 Ion Ratio Lower Upper
 107 100
 144 25.9 23.3 34.9
 142 78.3 72.6 109.0

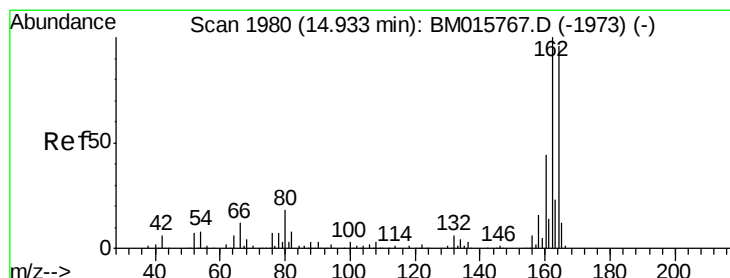
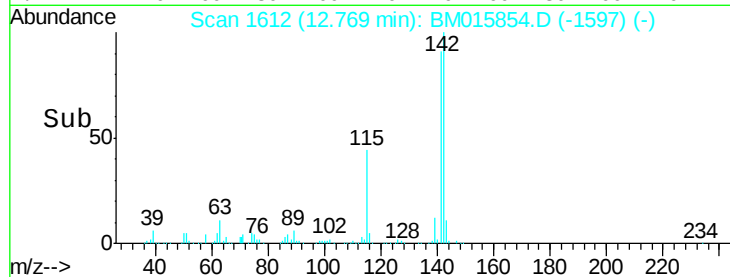
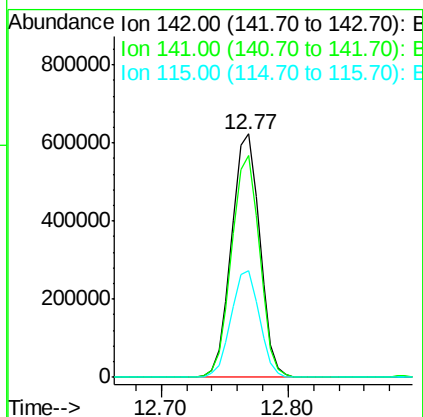
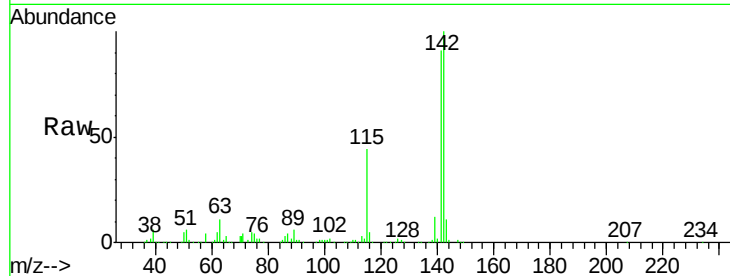




#37
 2-Methylnaphthalene
 Concen: 60.492 ng
 RT: 12.77 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

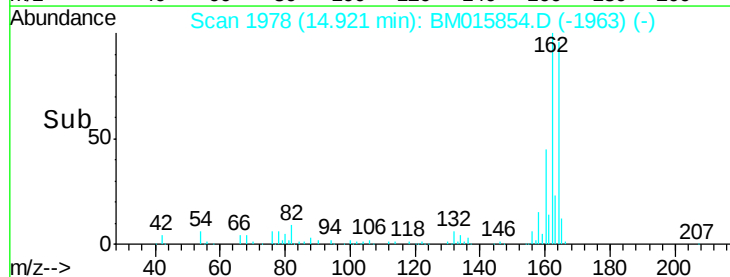
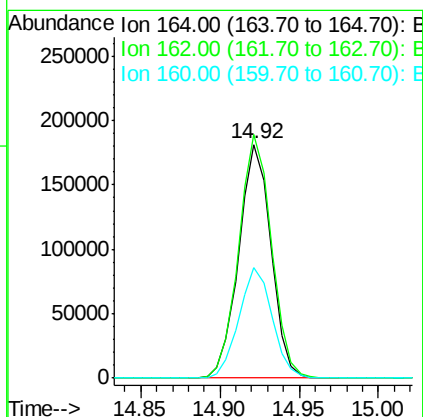
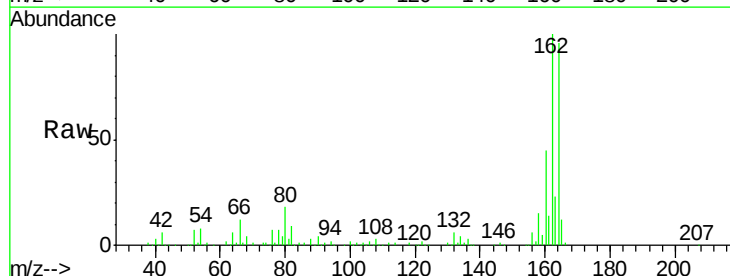
Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

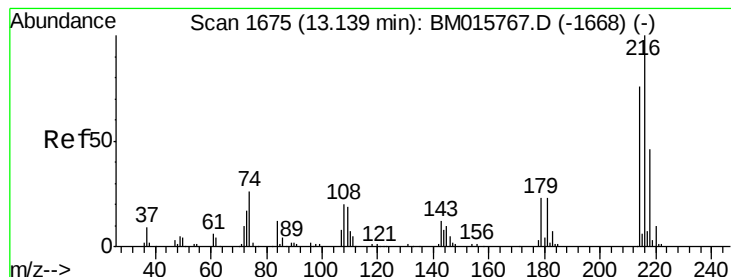
Tgt Ion:142 Resp: 961451
 Ion Ratio Lower Upper
 142 100
 141 91.3 71.9 107.9
 115 43.8 25.4 38.0#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.92 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion:164 Resp: 255697
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.4 123.6
 160 47.1 35.8 53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 56.037 ng

RT: 13.13 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampleId :

PB110919BS

Tgt Ion:216 Resp: 459878

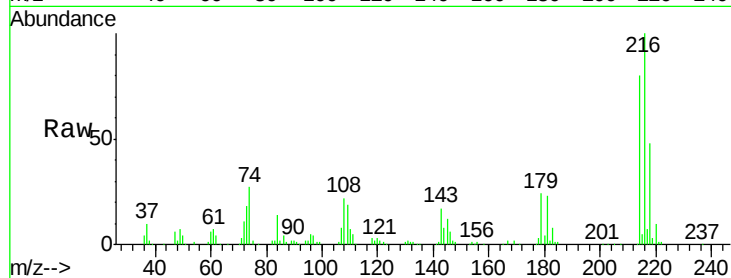
Ion Ratio Lower Upper

216 100

214 79.0 0.0 0.0#

179 24.1 0.0 0.0#

108 22.1 0.0 0.0#

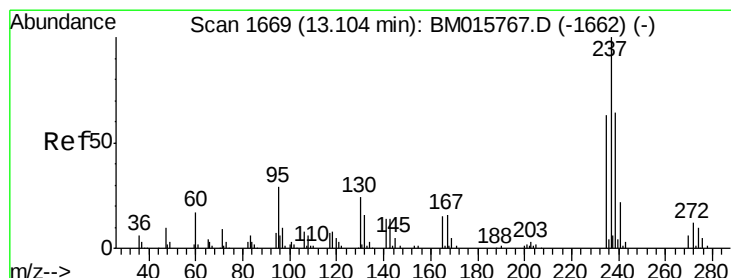
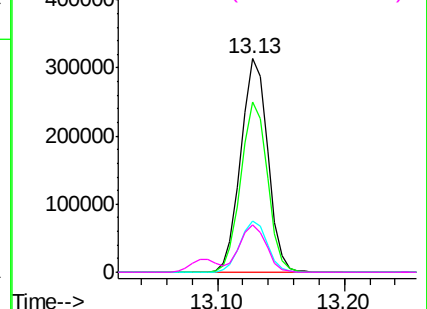
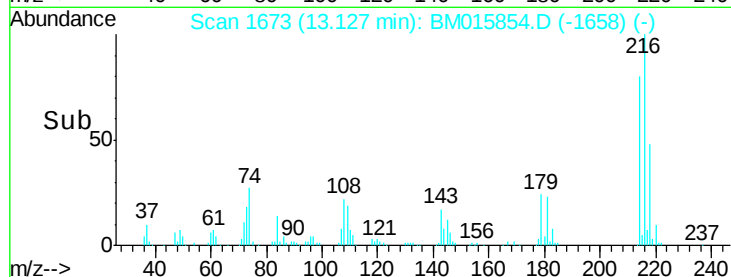


Abundance Ion 216.00 (215.70 to 216.70): E

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: 132.588 ng

RT: 13.09 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

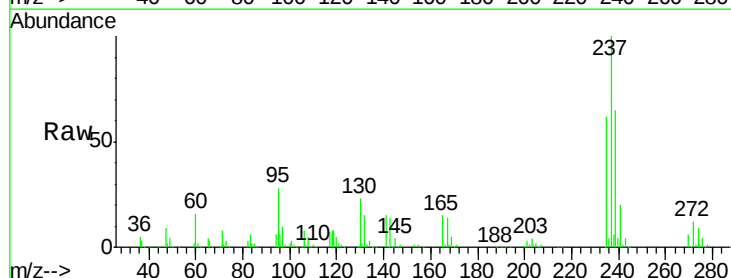
Tgt Ion:237 Resp: 535128

Ion Ratio Lower Upper

237 100

235 61.7 42.0 82.0

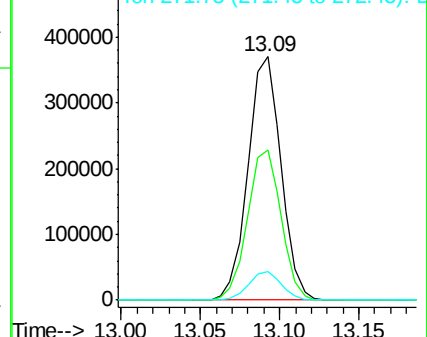
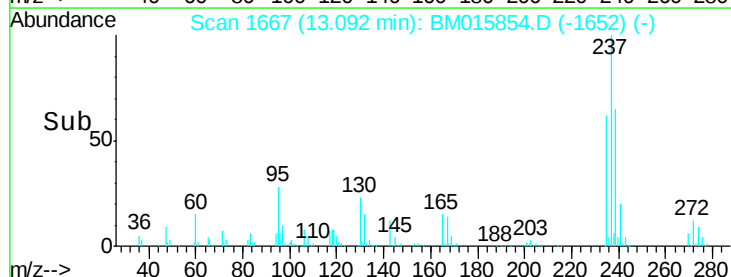
272 11.9 0.0 33.4

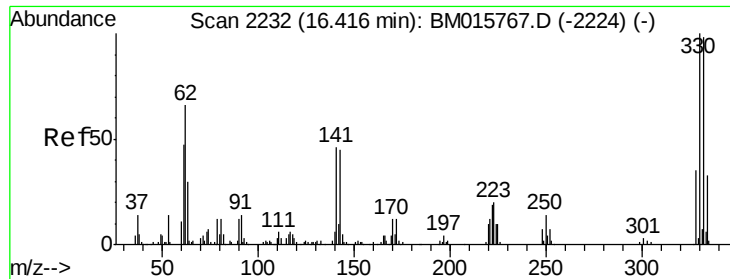


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

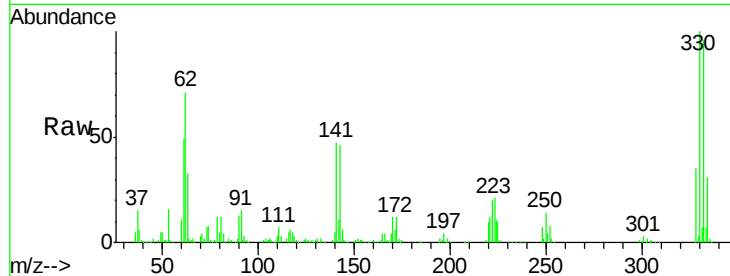




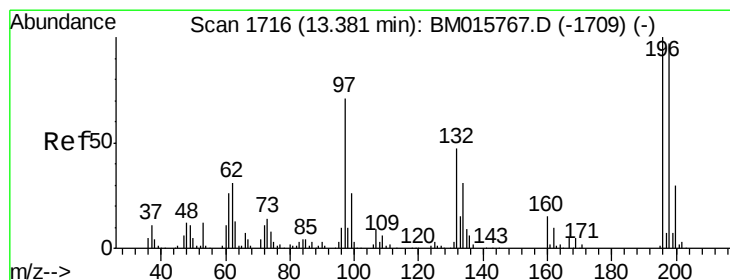
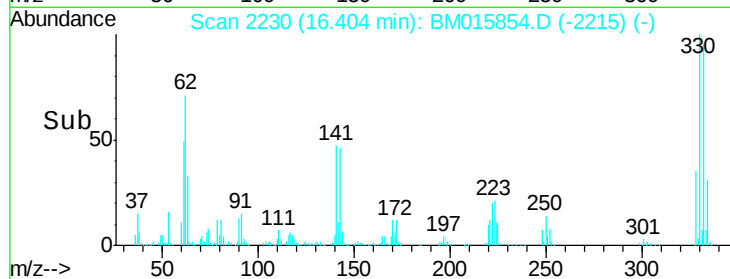
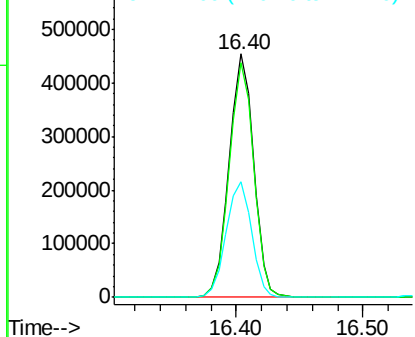
#41
 2,4,6-Tribromophenol
 Concen: 132.588 ng
 RT: 16.40 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

Tgt Ion:330 Resp: 608842
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 49.4 0.0 0.0#

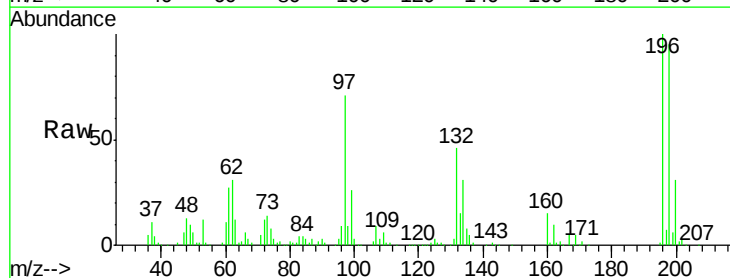


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

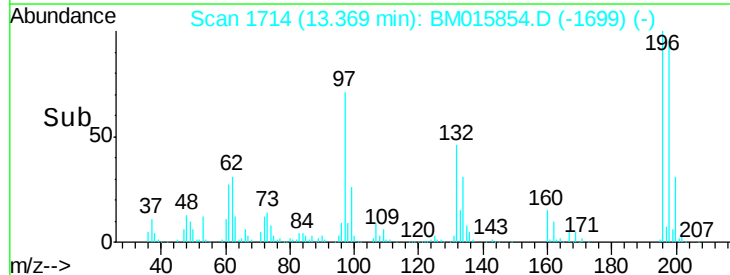
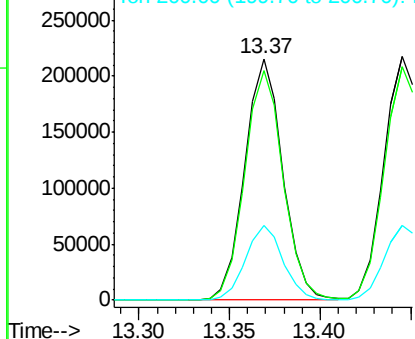


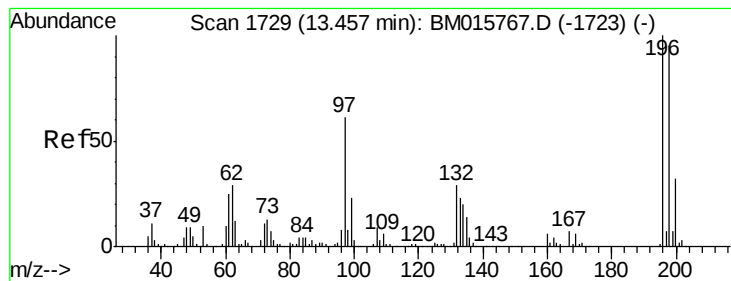
#42
 2,4,6-Trichlorophenol
 Concen: 60.607 ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion:196 Resp: 314405
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.3 114.5
 200 31.0 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

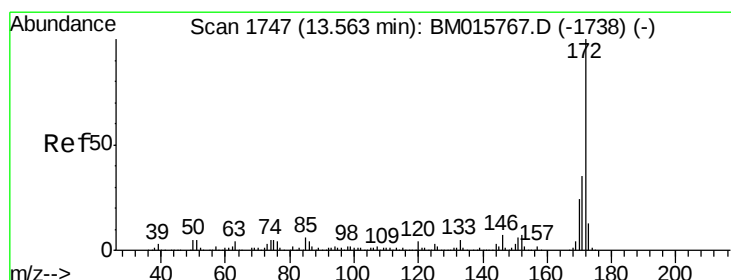
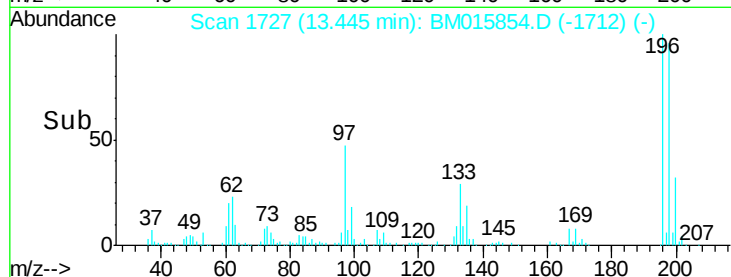
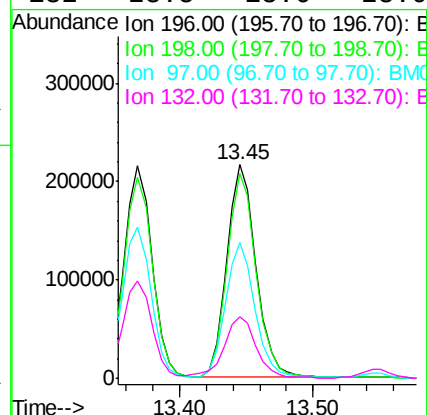
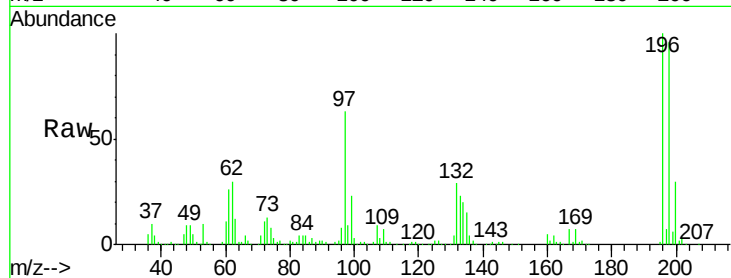




#43
 2,4,5-Trichlorophenol
 Concen: 59.424 ng
 RT: 13.45 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

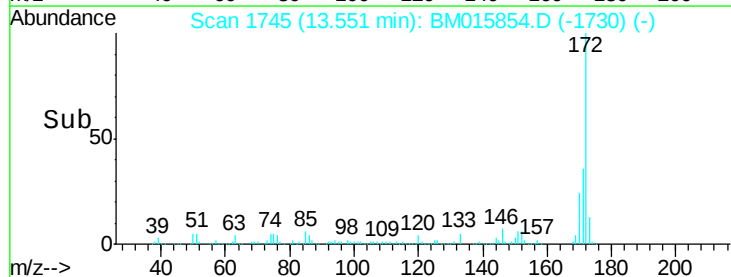
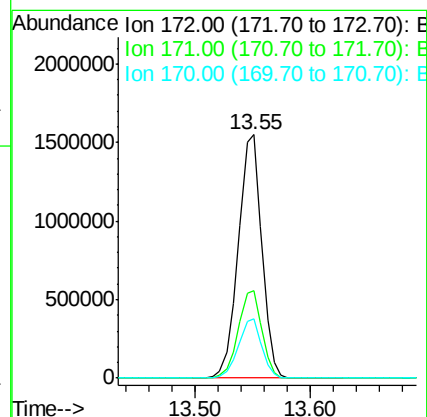
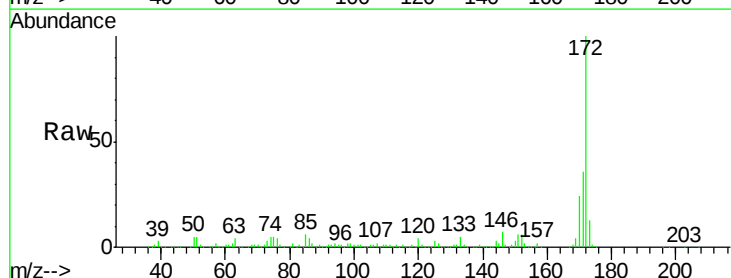
Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

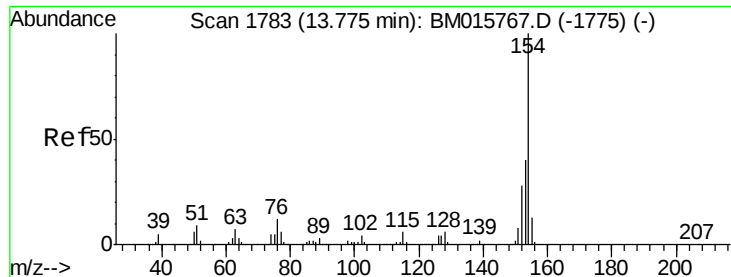
Tgt Ion:196 Resp: 333003
 Ion Ratio Lower Upper
 196 100
 198 95.7 79.4 119.0
 97 63.3 26.8 40.2#
 132 28.5 18.6 28.0#



#44
 2-Fluorobiphenyl
 Concen: 59.424 ng
 RT: 13.55 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion:172 Resp: 2182698
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.1 18.8 28.2

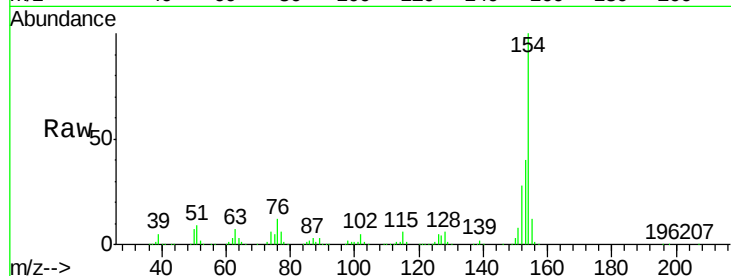




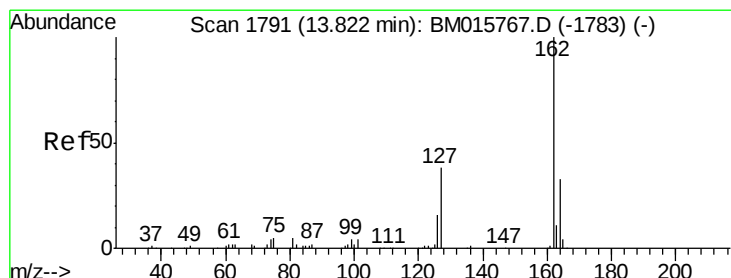
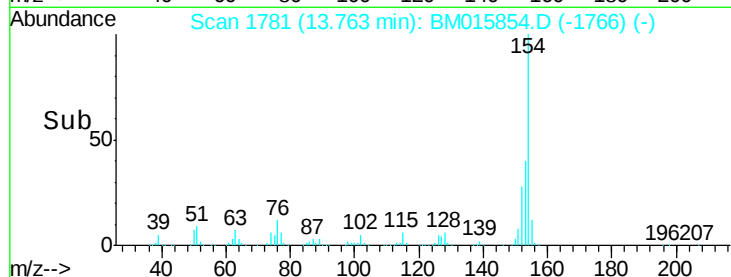
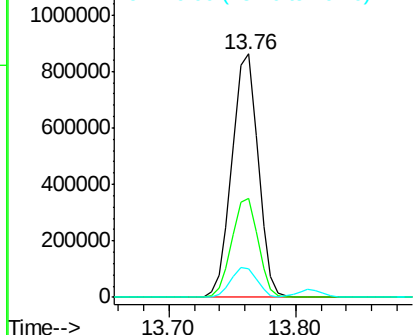
#45
 1,1'-Biphenyl
 Concen: 55.691 ng
 RT: 13.76 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

Tgt Ion:154 Resp: 1231183
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.7 60.7
 76 11.8 0.0 30.9

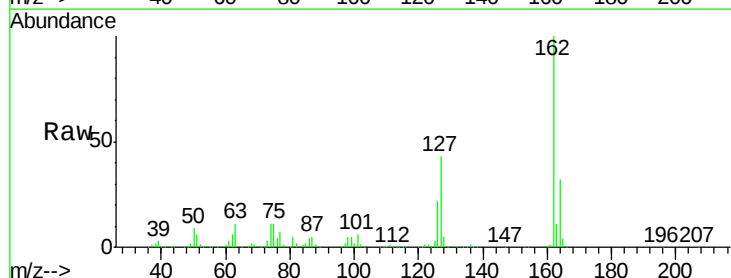


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

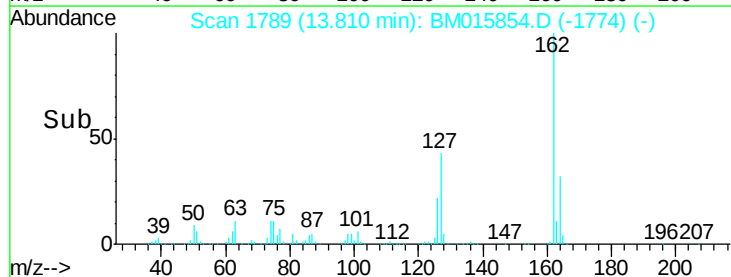
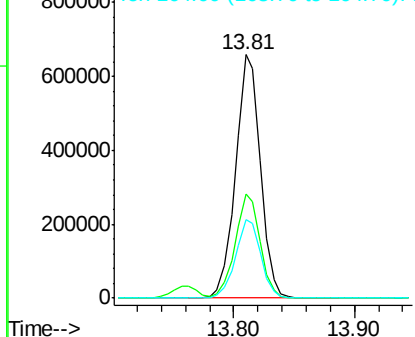


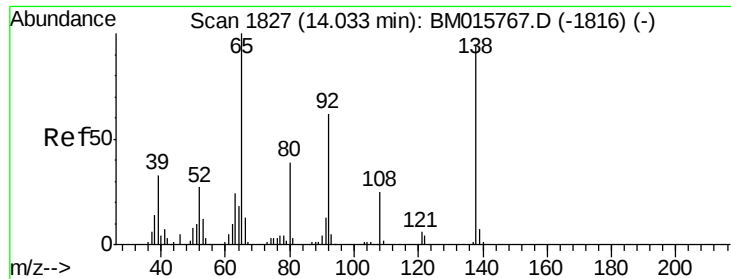
#46
 2-Chloronaphthalene
 Concen: 56.913 ng
 RT: 13.81 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion:162 Resp: 940728
 Ion Ratio Lower Upper
 162 100
 127 42.7 26.9 40.3#
 164 32.3 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

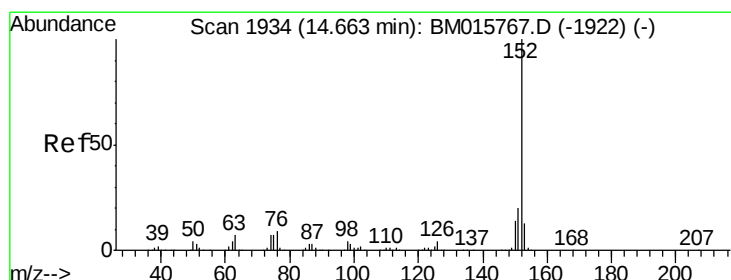
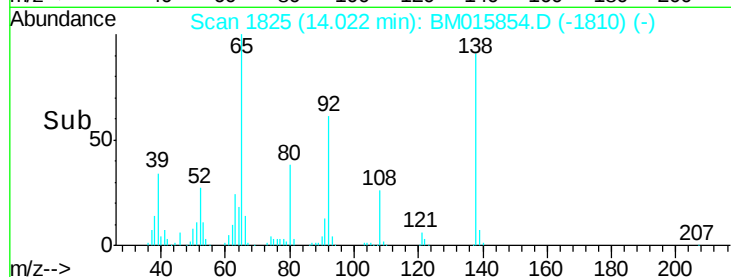
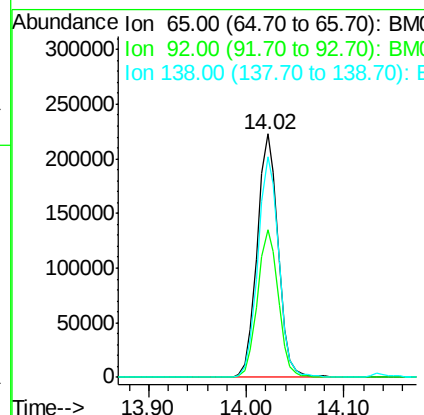
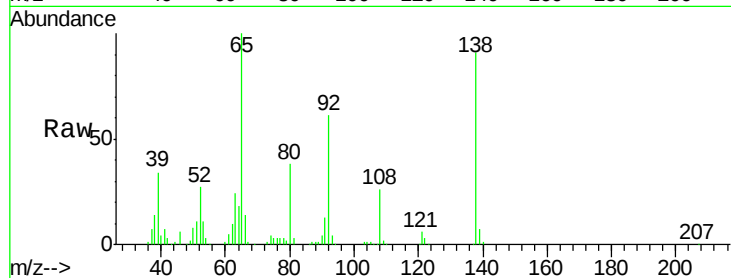




#47
2-Nitroaniline
Concen: 58.121 ng
RT: 14.02 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

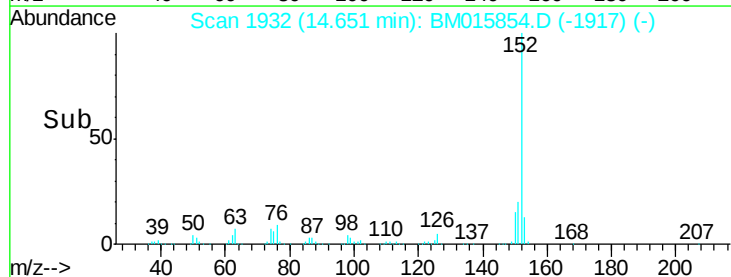
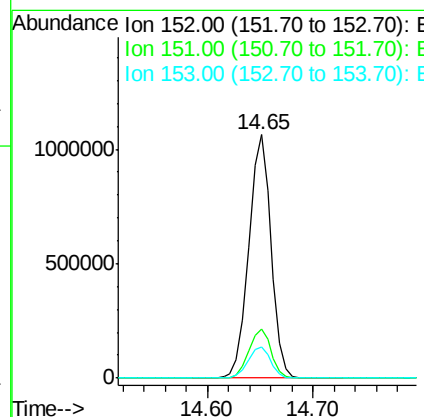
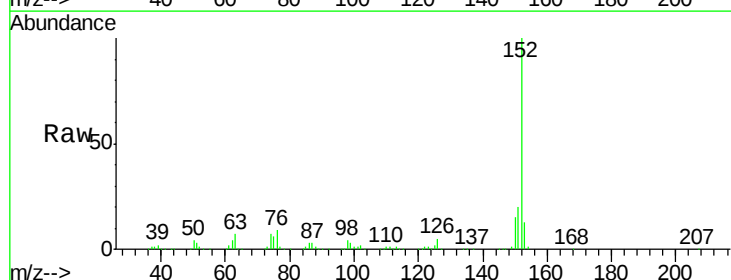
Instrument :
BNA_M
ClientSampleId :
PB110919BS

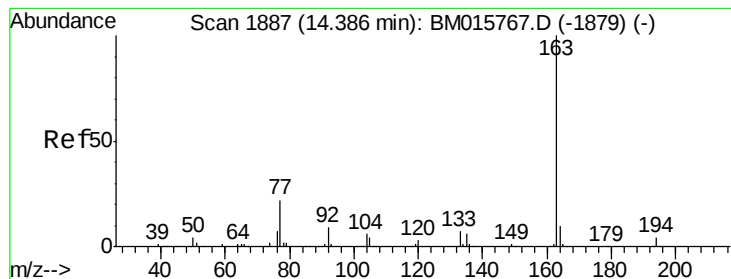
Tgt Ion: 65 Resp: 335018
Ion Ratio Lower Upper
65 100
92 60.7 59.1 88.7
138 90.6 93.9 140.9#



#48
Acenaphthylene
Concen: 57.665 ng
RT: 14.65 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion: 152 Resp: 1550547
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 12.9 10.6 16.0





#49

Dimethylphthalate

Concen: 54.837 ng

RT: 14.38 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampled :

PB110919BS

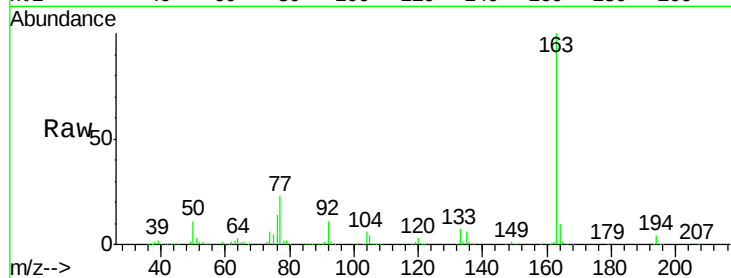
Tgt Ion:163 Resp: 1236604

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

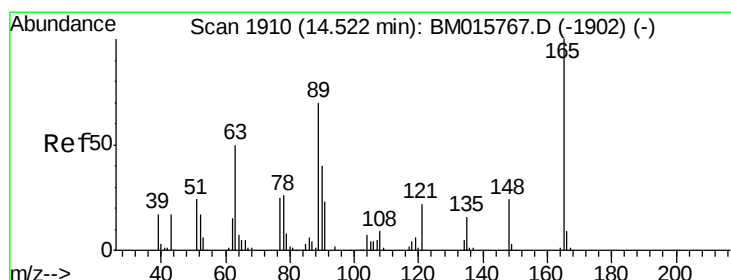
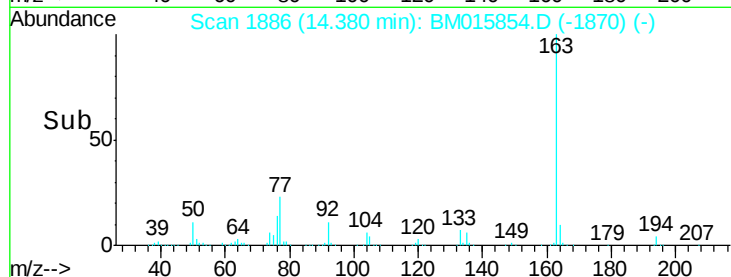
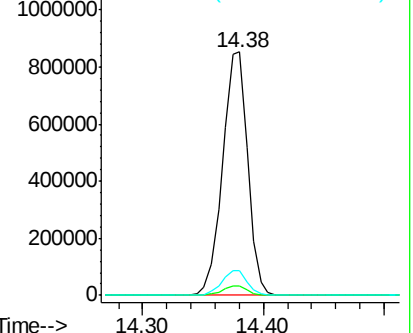
164 10.0 8.2 12.2



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: 59.174 ng

RT: 14.51 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

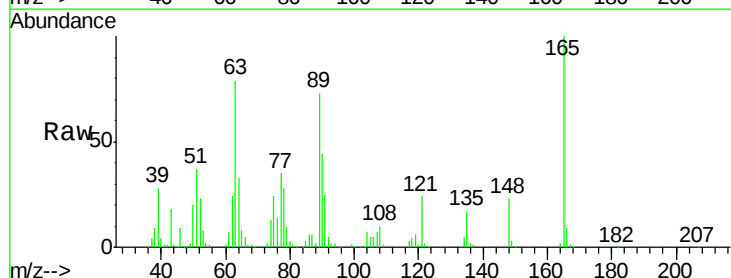
Tgt Ion:165 Resp: 260180

Ion Ratio Lower Upper

165 100

63 78.7 44.1 66.1#

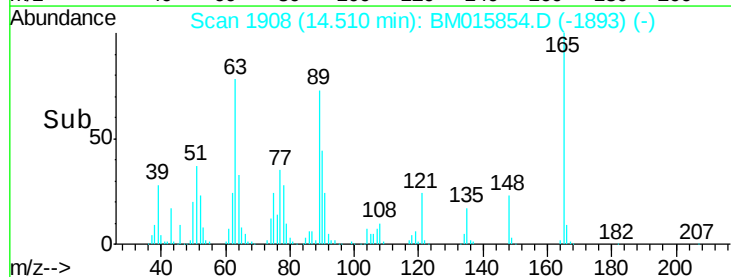
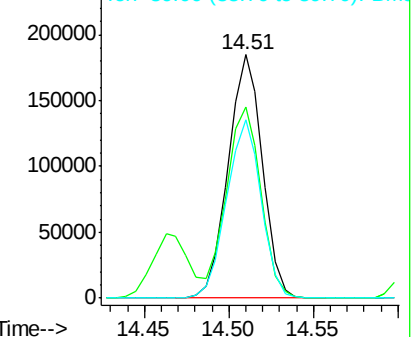
89 73.3 44.3 66.5#

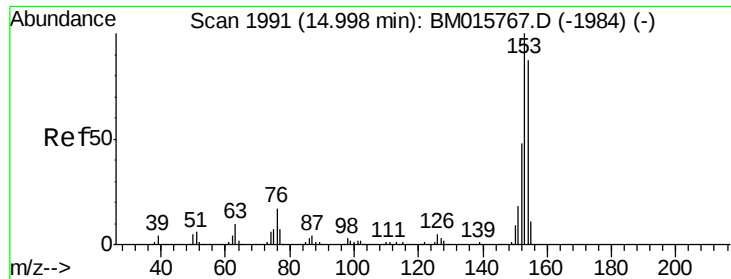


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#51

Acenaphthene

Concen: 53.067 ng

RT: 14.99 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampleId :

PB110919BS

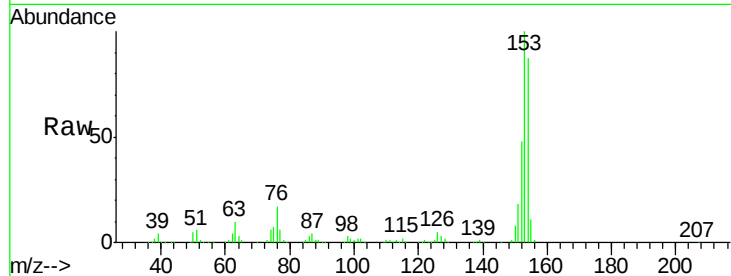
Tgt Ion:154 Resp: 887920

Ion Ratio Lower Upper

154 100

153 115.1 90.0 135.0

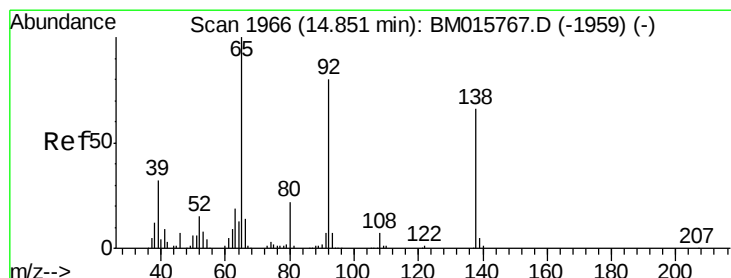
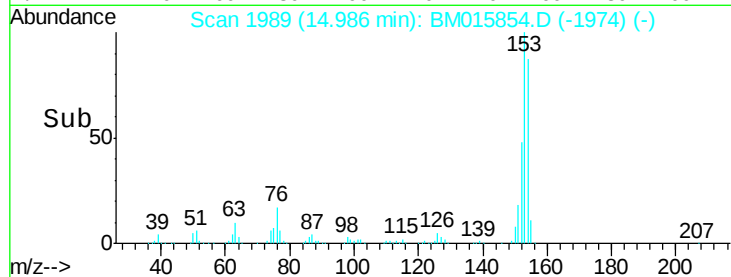
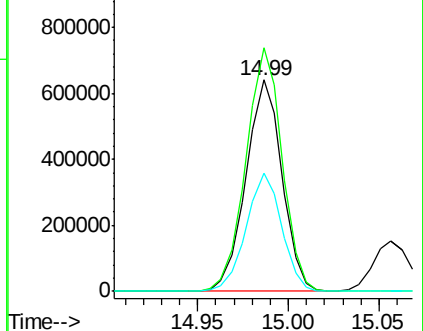
152 55.6 42.6 63.8



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: 31.113 ng

RT: 14.84 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

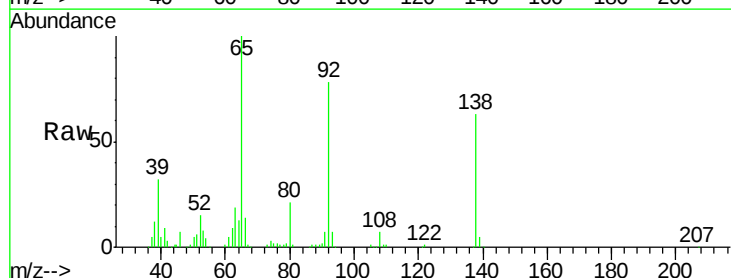
Tgt Ion:138 Resp: 149734

Ion Ratio Lower Upper

138 100

108 10.5 7.3 10.9

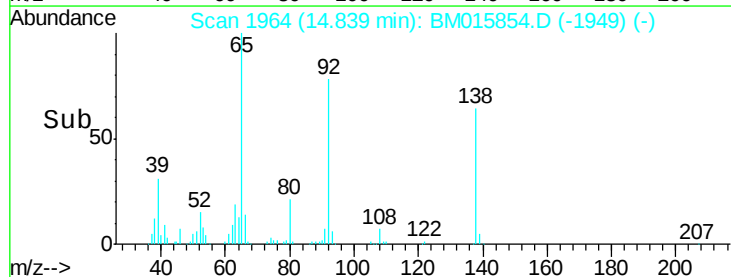
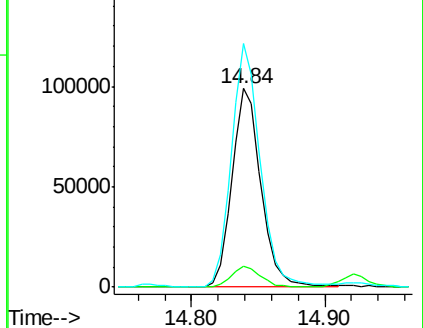
92 122.5 76.6 114.8#

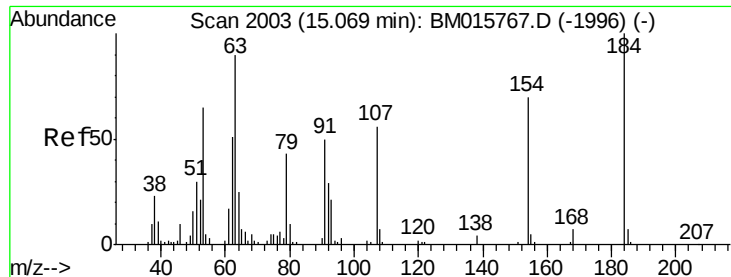


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

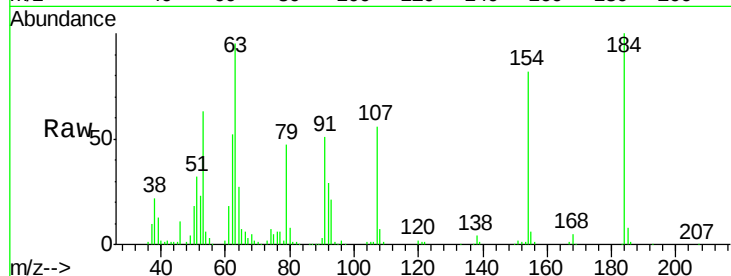




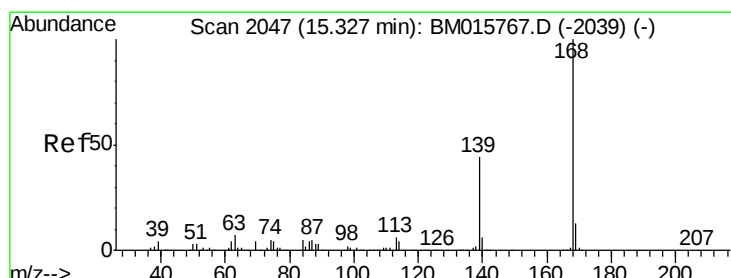
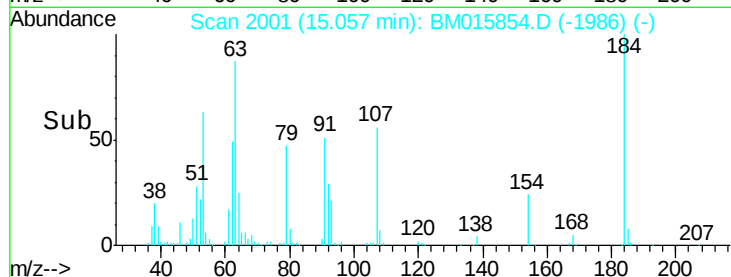
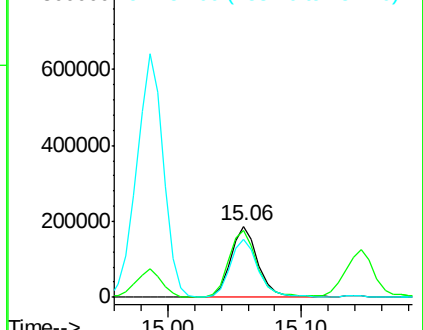
#53
2,4-Dinitrophenol
Concen: 119.380 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampleId :
PB110919BS

Tgt Ion:184 Resp: 270979
Ion Ratio Lower Upper
184 100
63 94.9 69.2 103.8
154 82.3 53.3 79.9#

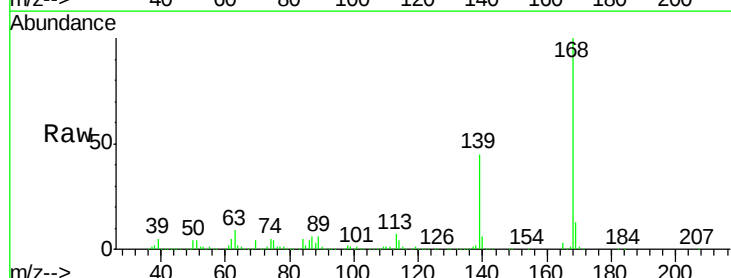


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM015767.D (-1996) (-)
Ion 154.00 (153.70 to 154.70): E

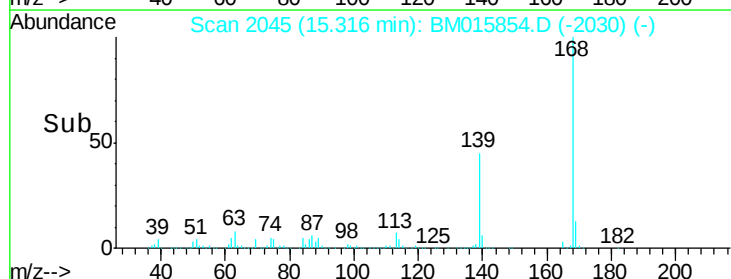
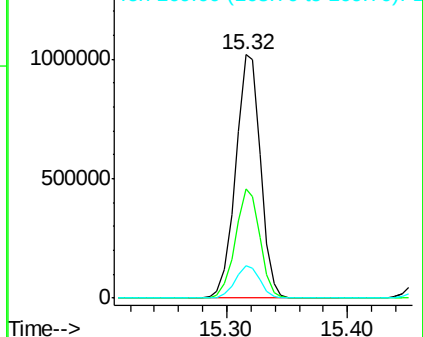


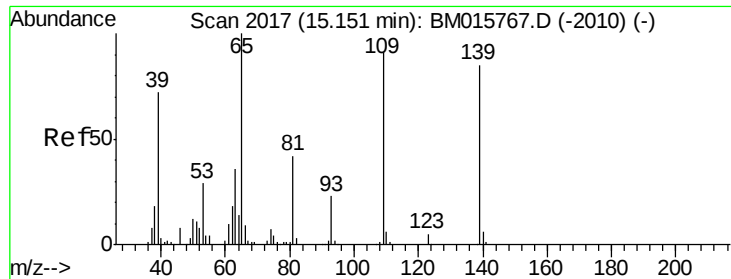
#54
Dibenzofuran
Concen: 56.379 ng
RT: 15.32 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion:168 Resp: 1453591
Ion Ratio Lower Upper
168 100
139 44.7 27.3 40.9#
169 13.4 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

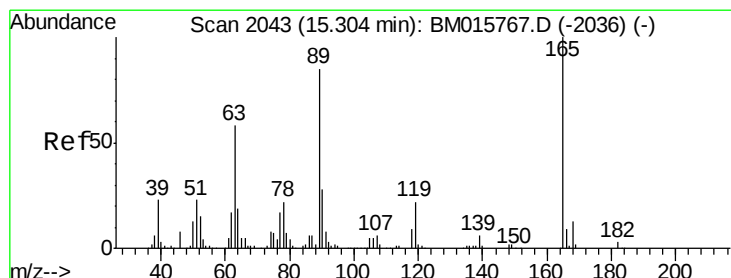
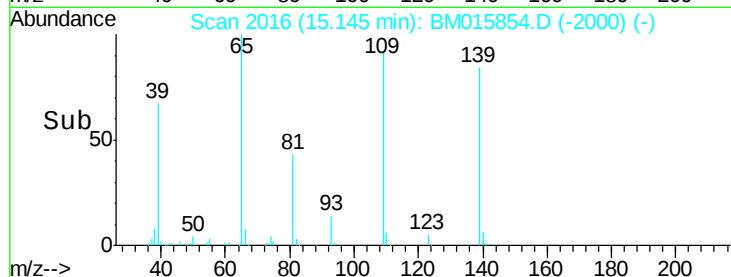
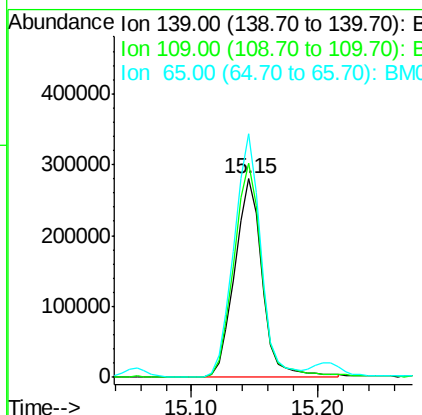
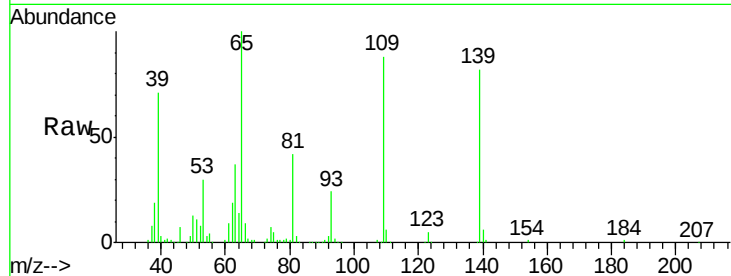




#55
4-Nitrophenol
Concen: 118.888 ng
RT: 15.15 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

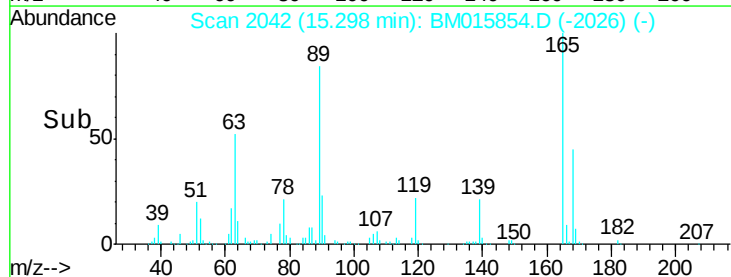
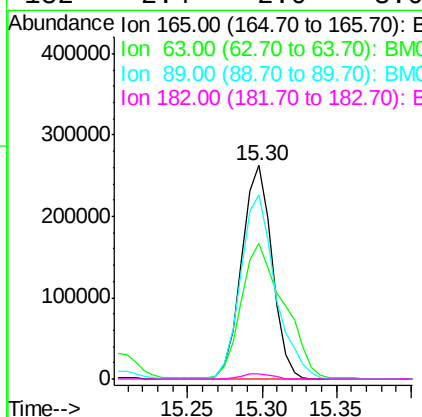
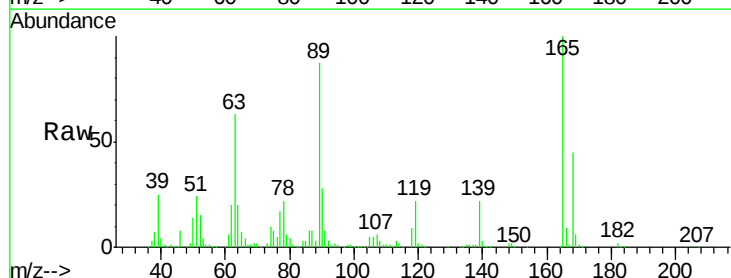
Instrument :
BNA_M
ClientSampleId :
PB110919BS

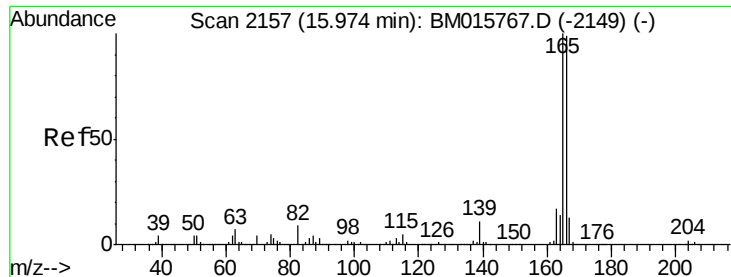
Tgt Ion:139 Resp: 422267
Ion Ratio Lower Upper
139 100
109 107.6 130.0 170.0#
65 122.5 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 58.304 ng
RT: 15.30 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion:165 Resp: 370109
Ion Ratio Lower Upper
165 100
63 63.4 52.4 78.6
89 86.5 72.4 108.6
182 2.4 2.0 3.0

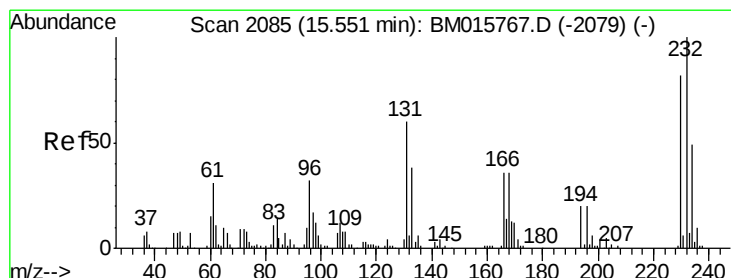
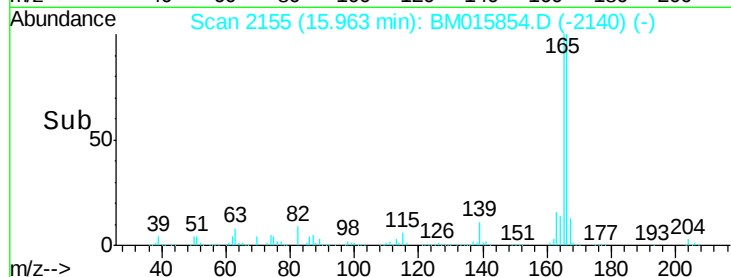
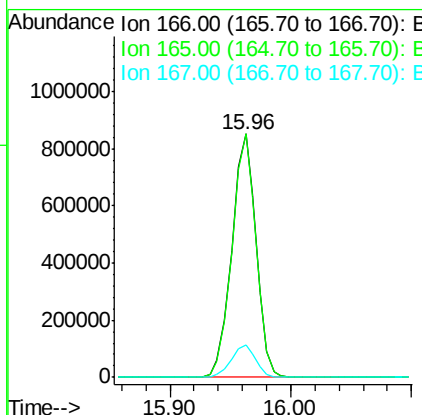
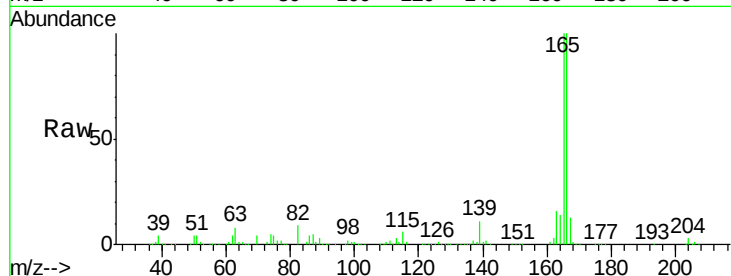




#57
 Fluorene
 Concen: 55.837 ng
 RT: 15.96 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

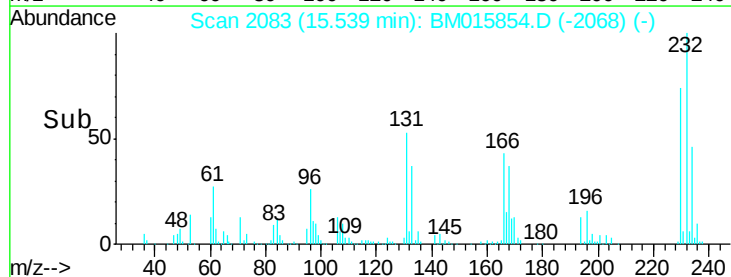
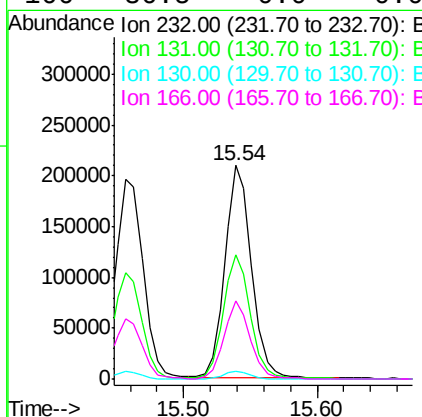
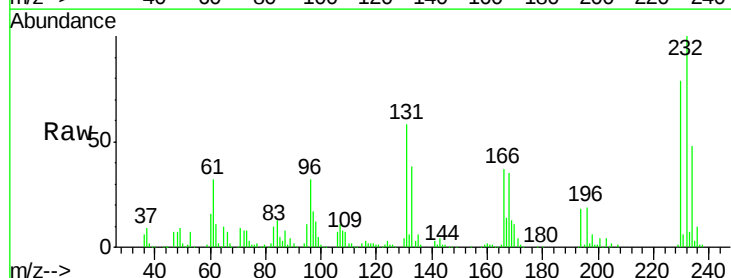
Instrument :
 BNA_M
 ClientSampled :
 PB110919BS

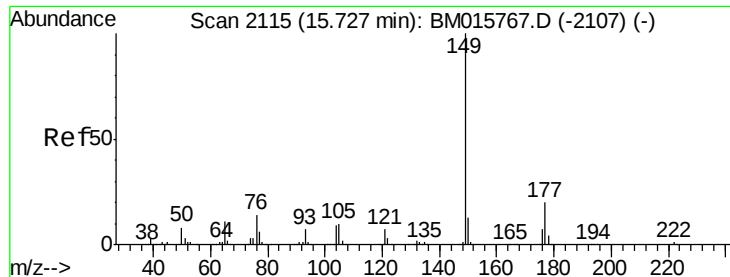
Tgt Ion:166 Resp: 1187158
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.0 118.4
 167 13.3 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 61.905 ng
 RT: 15.54 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion:232 Resp: 292736
 Ion Ratio Lower Upper
 232 100
 131 58.6 0.0 0.0#
 130 3.6 0.0 0.0#
 166 36.5 0.0 0.0#

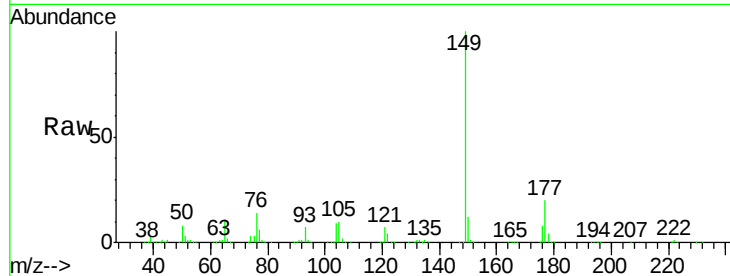




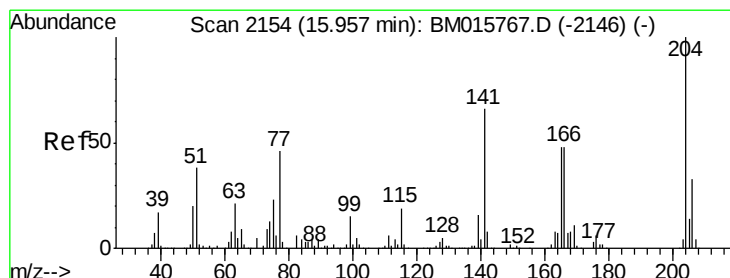
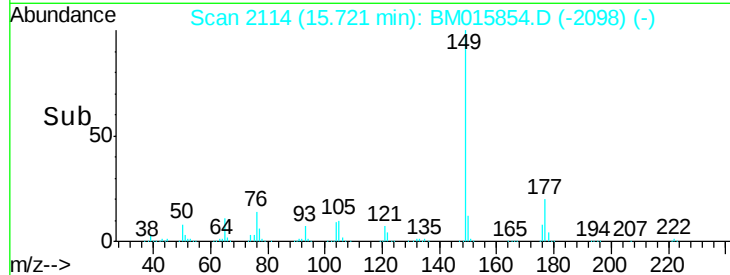
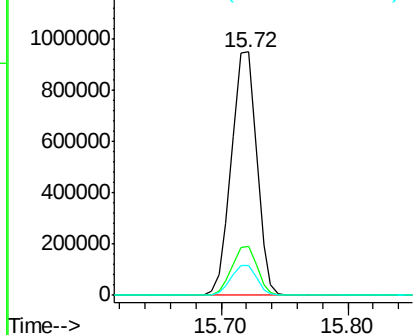
#59
Diethylphthalate
Concen: 54.457 ng
RT: 15.72 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampleId :
PB110919BS

Tgt Ion:149 Resp: 1316006
Ion Ratio Lower Upper
149 100
177 20.2 18.3 27.5
150 12.2 9.8 14.8

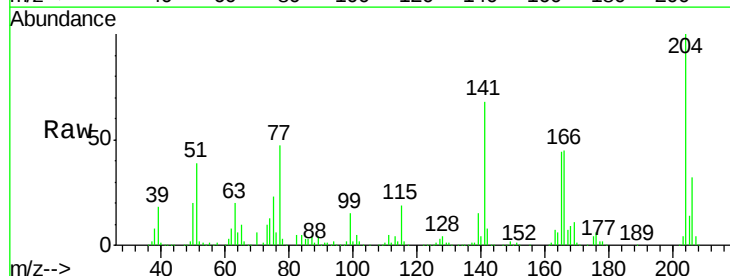


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

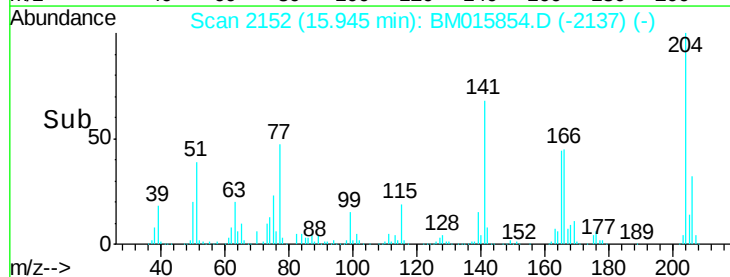
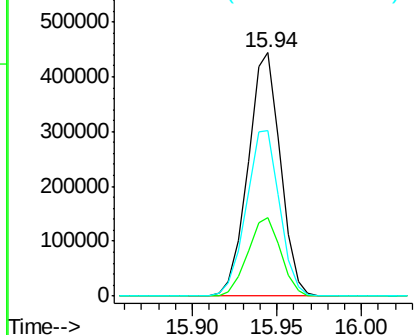


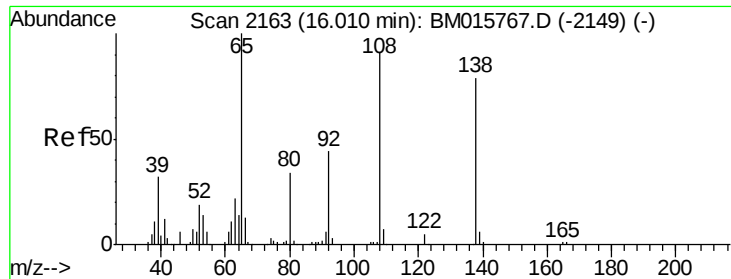
#60
4-Chlorophenyl-phenylether
Concen: 54.050 ng
RT: 15.94 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion:204 Resp: 591319
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 68.0 45.2 67.8#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

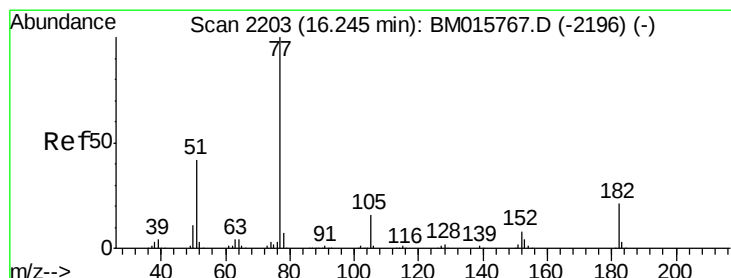
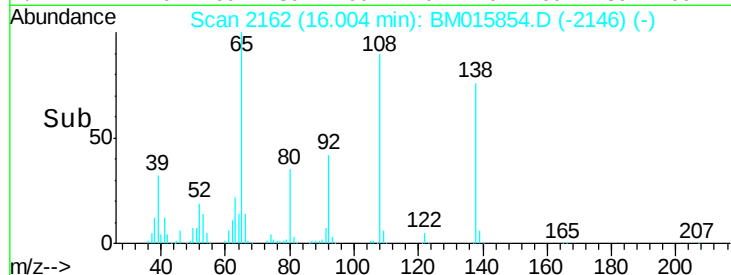
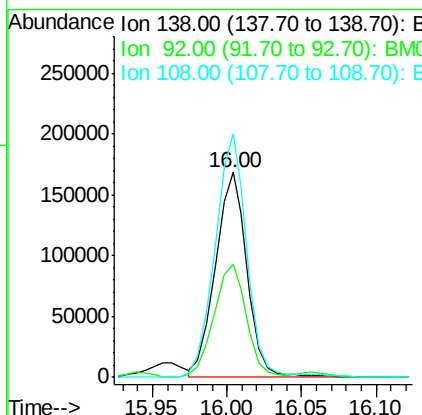
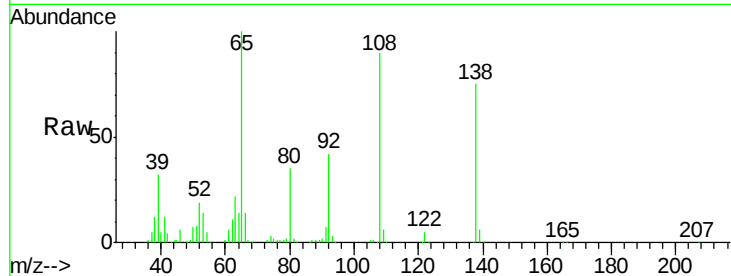




#61
4-Nitroaniline
Concen: 49.305 ng
RT: 16.00 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

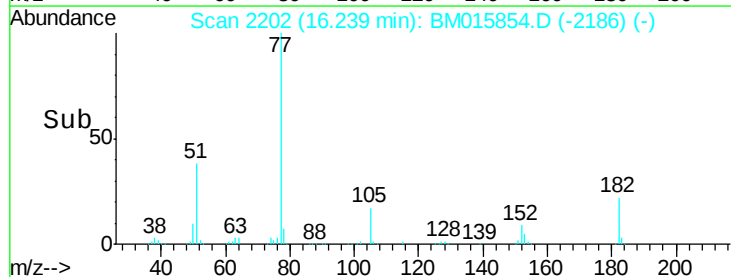
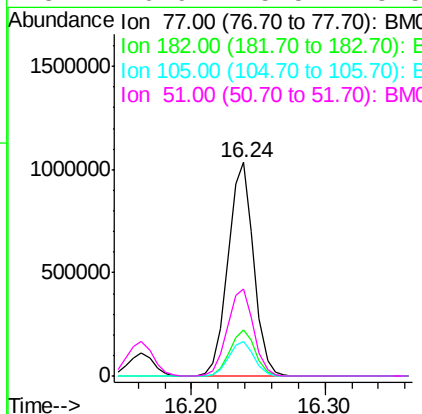
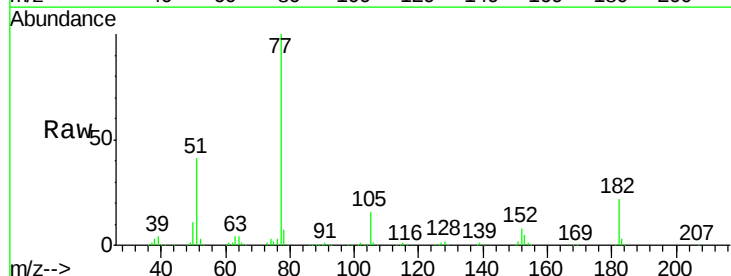
Instrument :
BNA_M
ClientSampleId :
PB110919BS

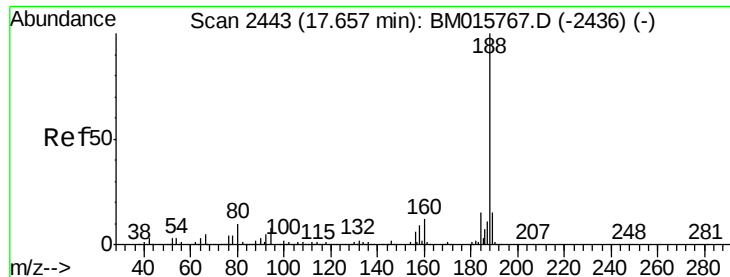
Tgt Ion:138 Resp: 246162
Ion Ratio Lower Upper
138 100
92 55.5 16.7 56.7
108 118.9 37.6 77.6#



#62
Azobenzene
Concen: 60.989 ng
RT: 16.24 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion: 77 Resp: 1381552
Ion Ratio Lower Upper
77 100
182 21.7 6.5 46.5
105 16.3 3.8 43.8
51 40.9 5.5 45.5

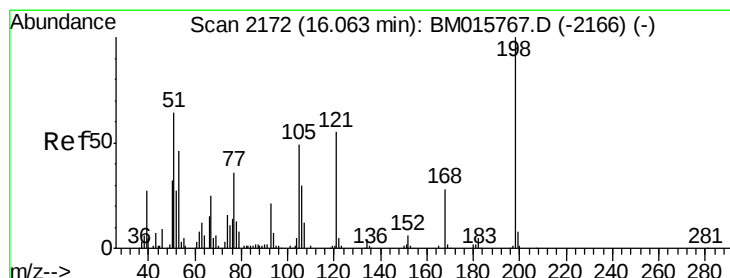
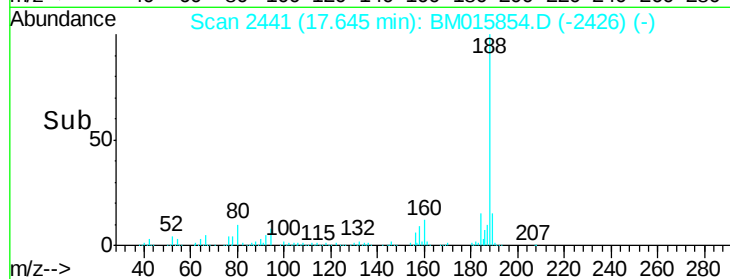
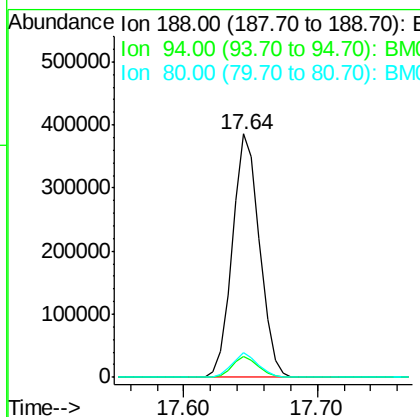
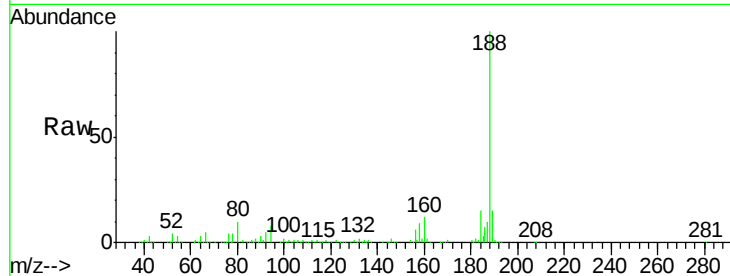




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

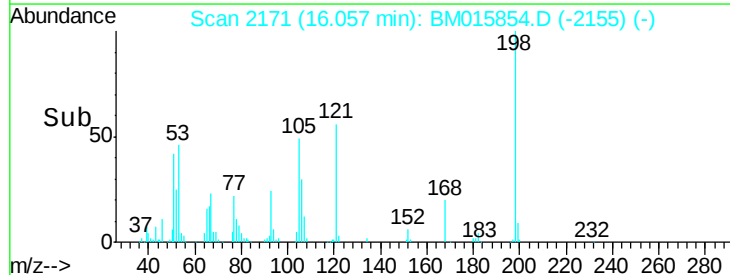
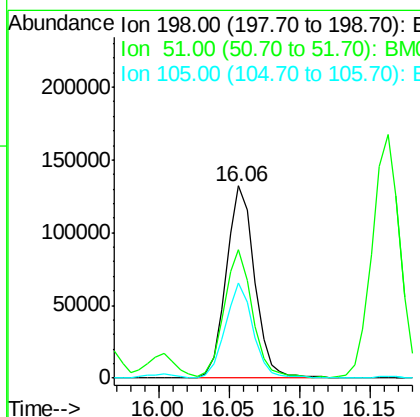
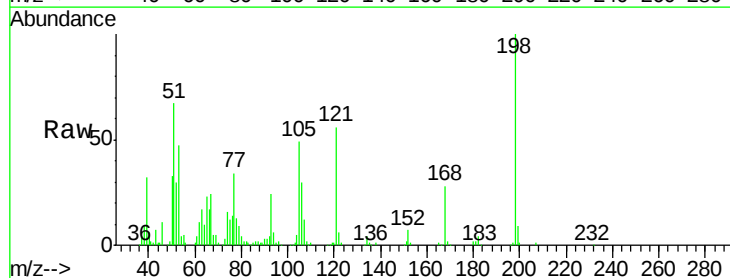
Instrument :
BNA_M
ClientSampleId :
PB110919BS

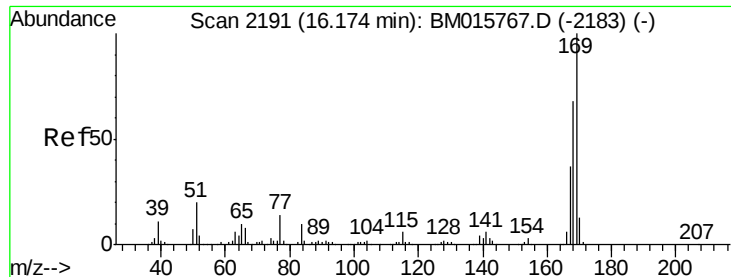
Tgt Ion:188 Resp: 545304
Ion Ratio Lower Upper
188 100
94 8.4 8.7 13.1#
80 10.1 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 55.957 ng
RT: 16.06 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion:198 Resp: 185499
Ion Ratio Lower Upper
198 100
51 67.1 28.8 68.8
105 49.5 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 54.203 ng

RT: 16.16 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampleId :

PB110919BS

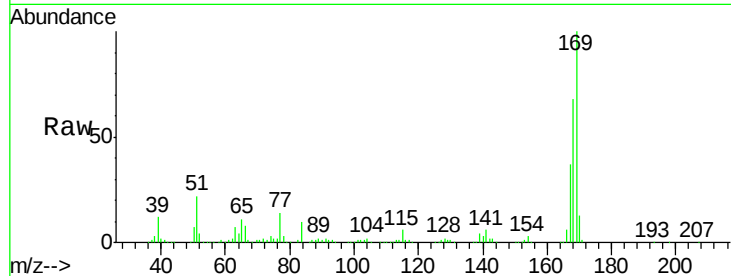
Tgt Ion:169 Resp: 1012780

Ion Ratio Lower Upper

169 100

168 68.1 53.9 80.9

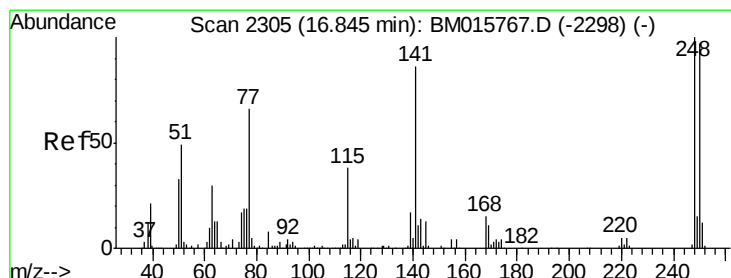
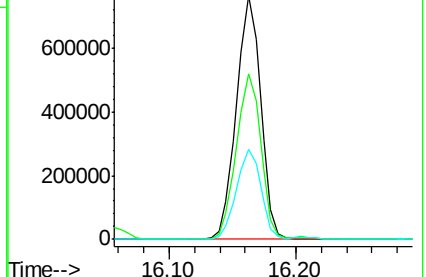
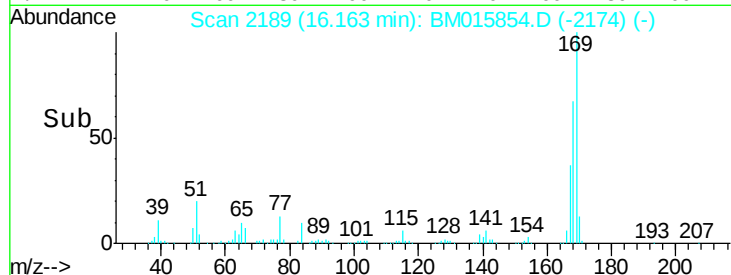
167 36.9 28.9 43.3



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: 58.078 ng

RT: 16.83 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

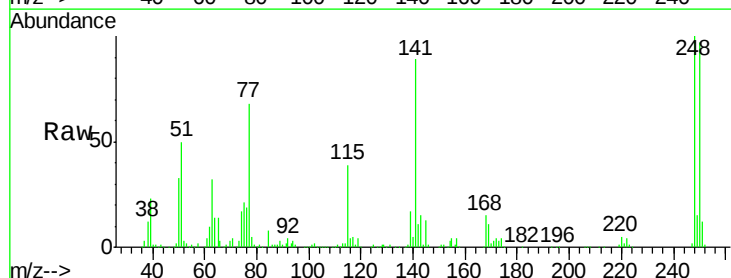
Tgt Ion:248 Resp: 353604

Ion Ratio Lower Upper

248 100

250 97.1 77.4 116.0

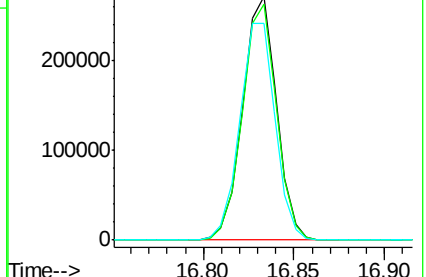
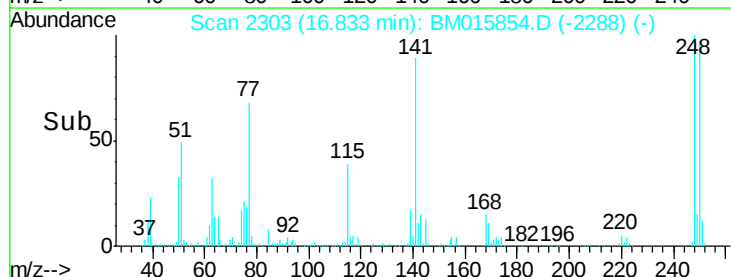
141 89.1 45.2 67.8#

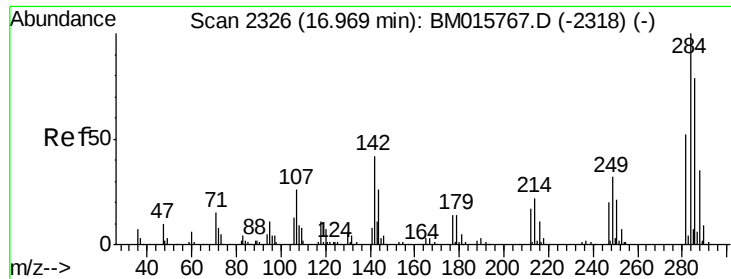


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

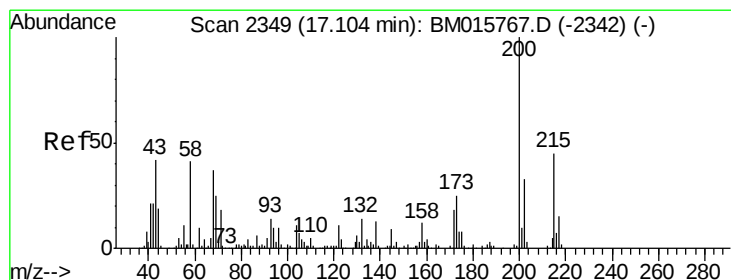
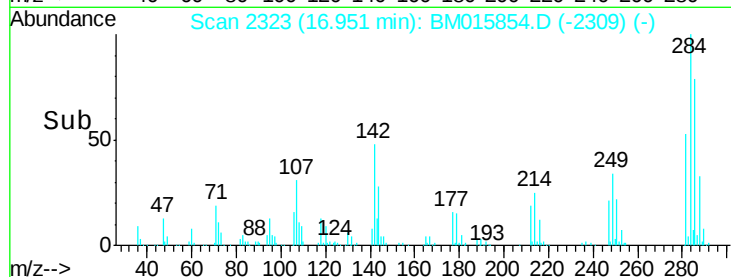
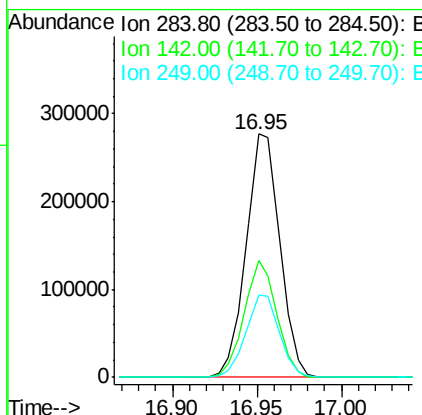
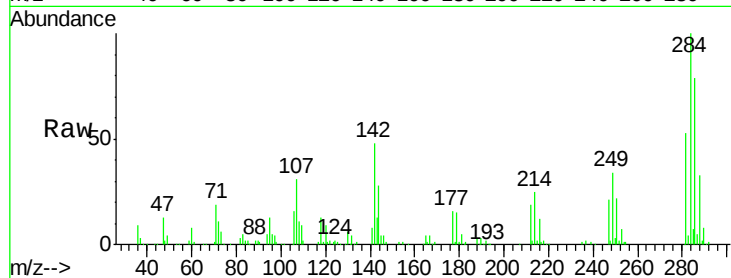




#67
Hexachlorobenzene
Concen: 56.761 ng
RT: 16.95 min Scan# 2323
Delta R.T. -0.02 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

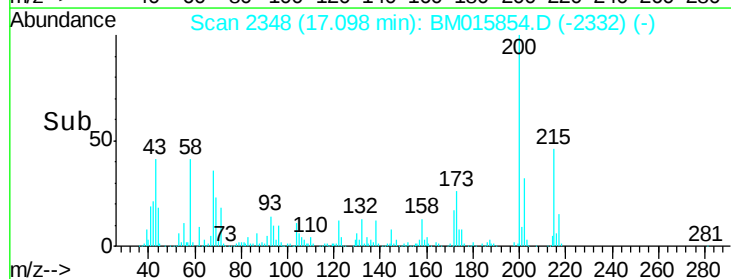
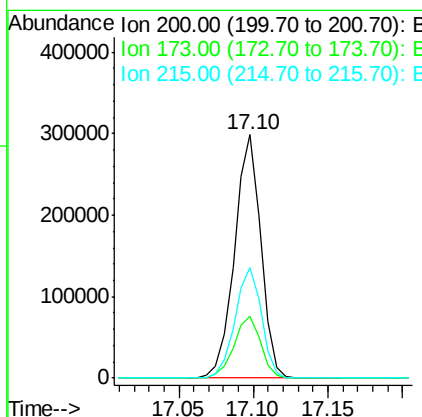
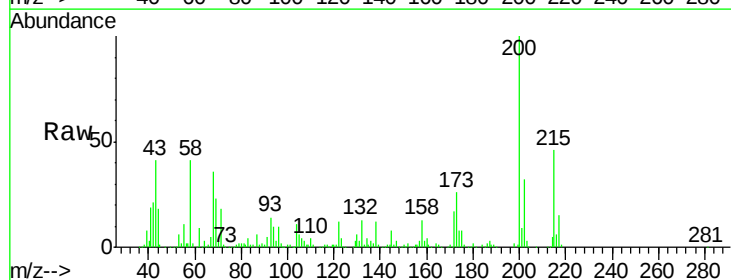
Instrument :
BNA_M
ClientSampleId :
PB110919BS

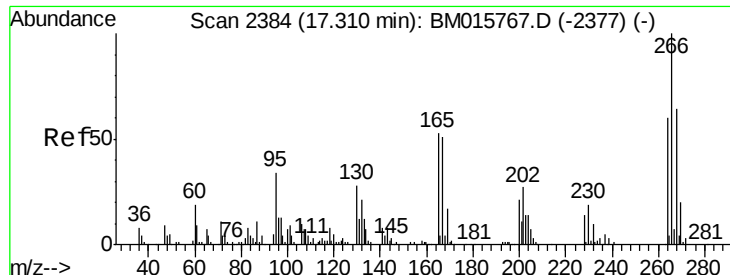
Tgt Ion:284 Resp: 386169
Ion Ratio Lower Upper
284 100
142 47.8 20.4 30.6#
249 33.9 23.8 35.6



#68
Atrazine
Concen: 59.614 ng
RT: 17.10 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion:200 Resp: 366386
Ion Ratio Lower Upper
200 100
173 25.7 4.8 44.8
215 45.6 26.9 66.9

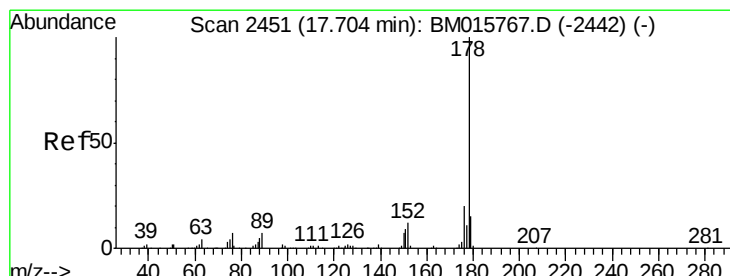
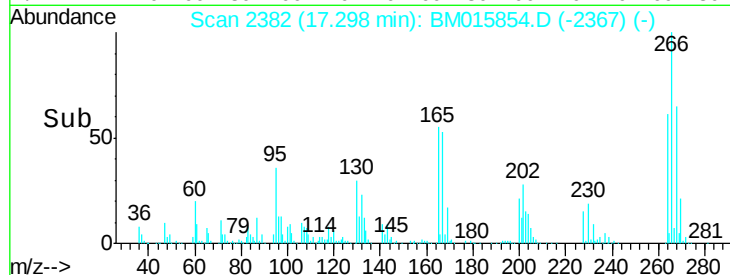
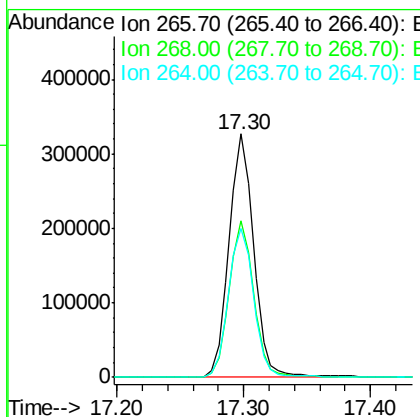
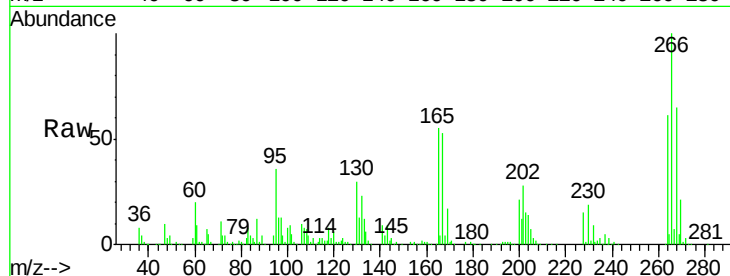




#69
 Pentachlorophenol
 Concen: 104.427 ng
 RT: 17.30 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

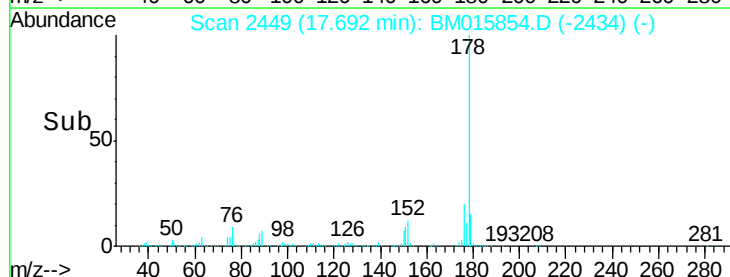
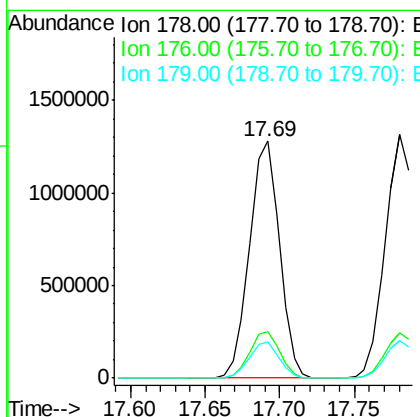
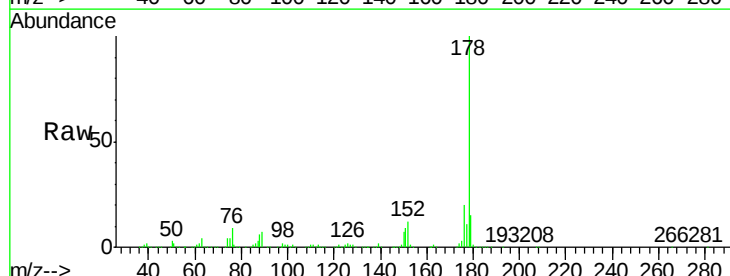
Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

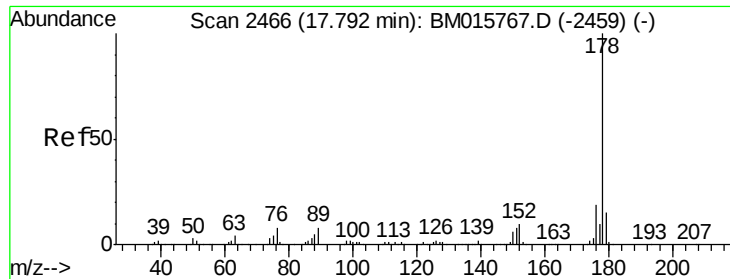
Tgt Ion:266 Resp: 439626
 Ion Ratio Lower Upper
 266 100
 268 64.6 52.0 78.0
 264 61.1 49.0 73.4



#70
 Phenanthrene
 Concen: 56.785 ng
 RT: 17.69 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion:178 Resp: 1771542
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.2 22.8
 179 15.3 12.1 18.1

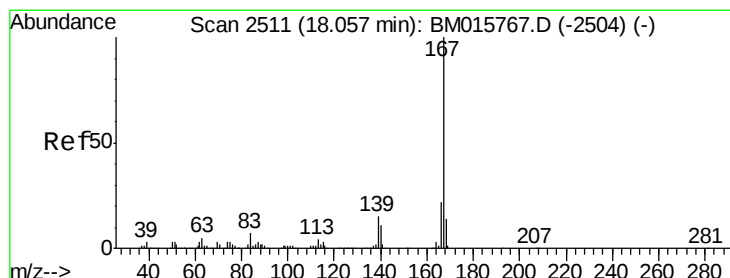
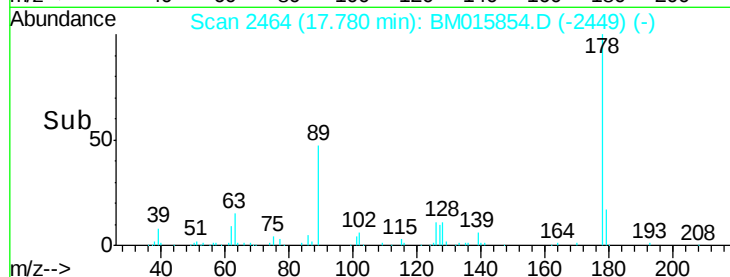
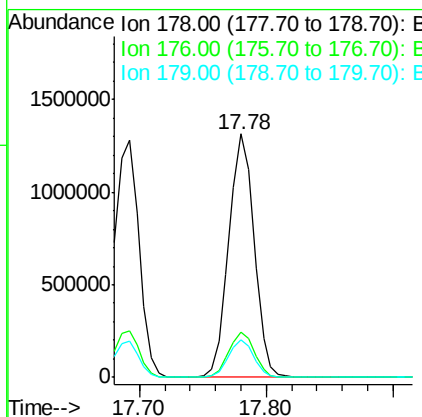
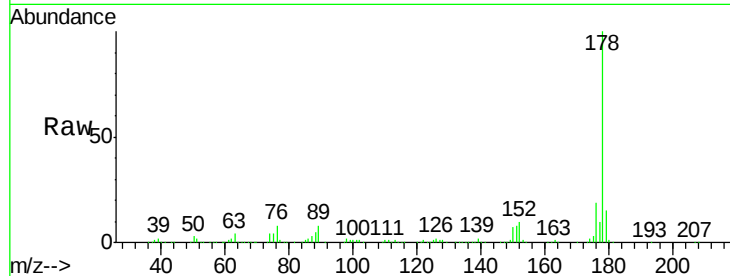




#71
 Anthracene
 Concen: 59.114 ng
 RT: 17.78 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

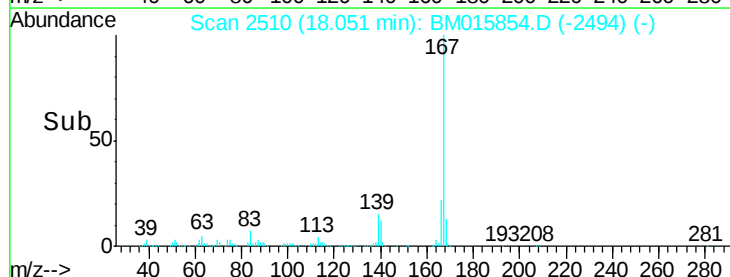
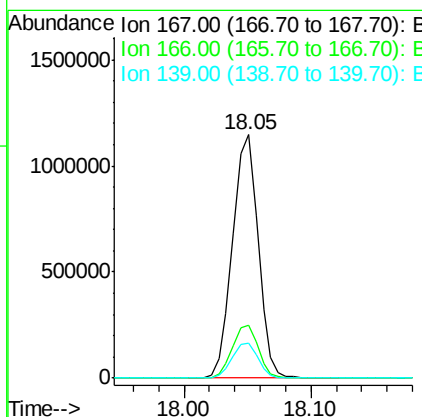
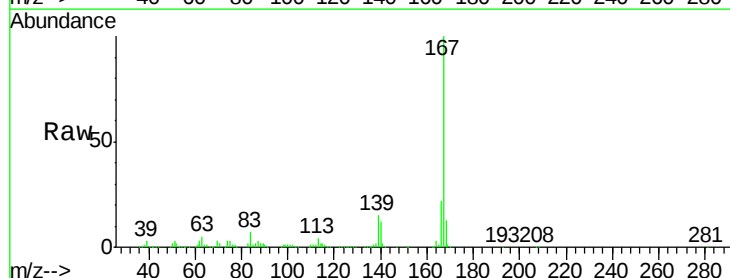
Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

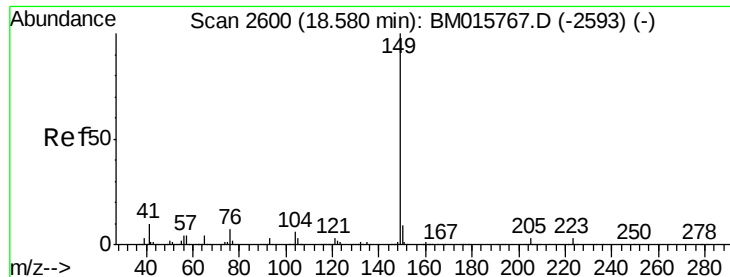
Tgt Ion:178 Resp: 1811104
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.6 22.0
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 56.195 ng
 RT: 18.05 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion:167 Resp: 1604331
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 14.5 10.8 16.2





#73

Di-n-butylphthalate

Concen: 57.516 ng

RT: 18.57 min Scan# 2598

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampleId :

PB110919BS

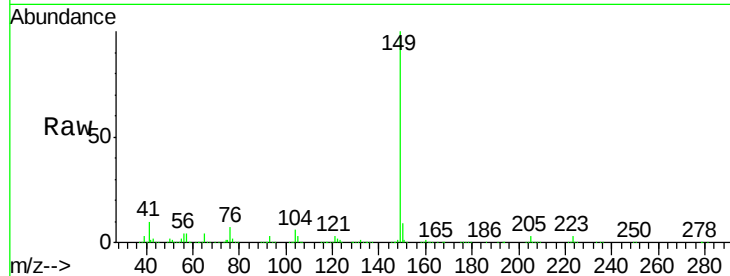
Tgt Ion:149 Resp: 2213263

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

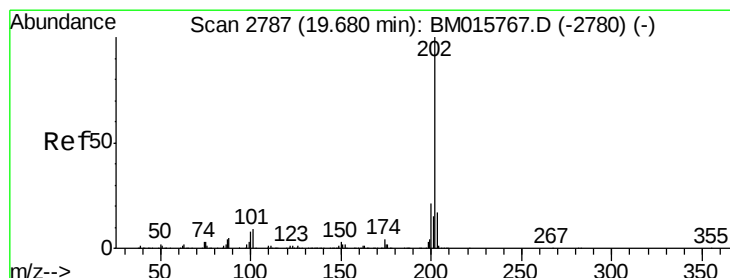
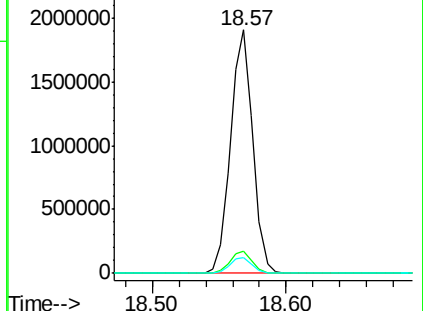
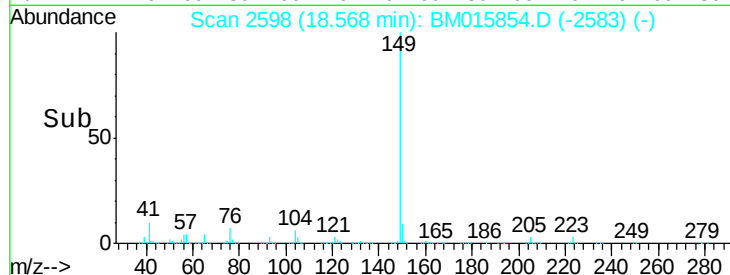
104 6.5 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 55.473 ng

RT: 19.67 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

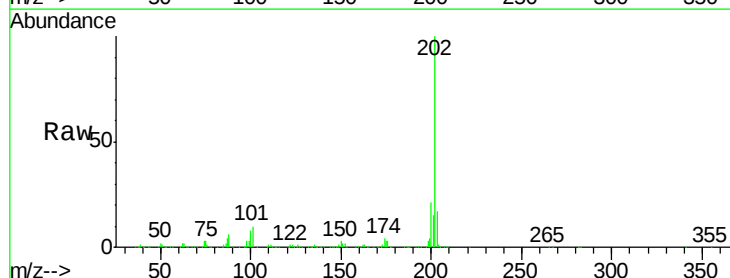
Tgt Ion:202 Resp: 1989511

Ion Ratio Lower Upper

202 100

101 10.0 0.0 28.7

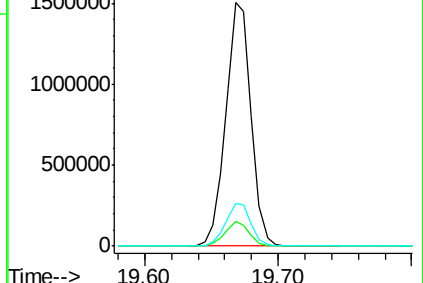
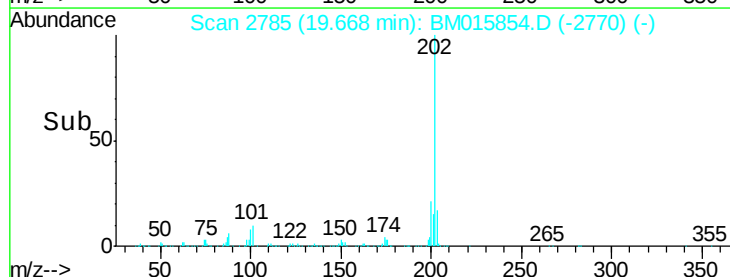
203 17.5 0.0 37.2

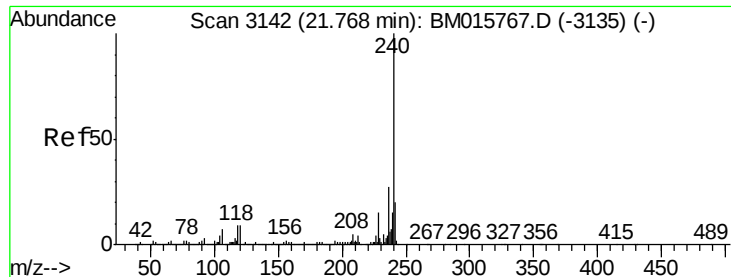


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

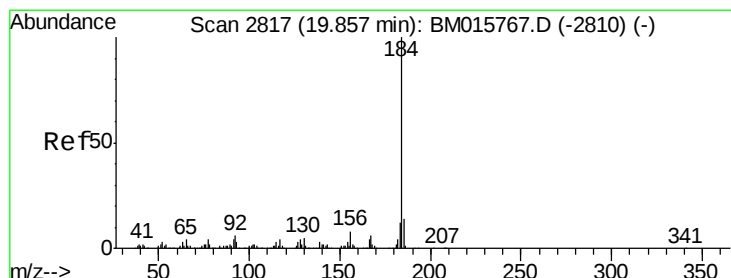
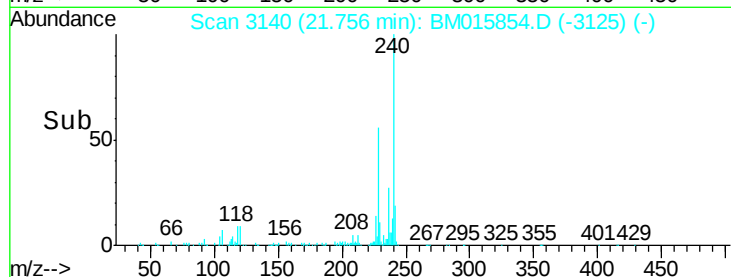
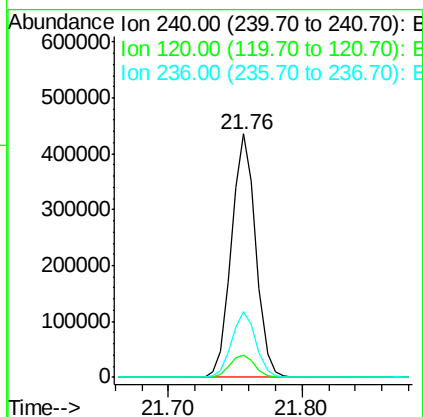
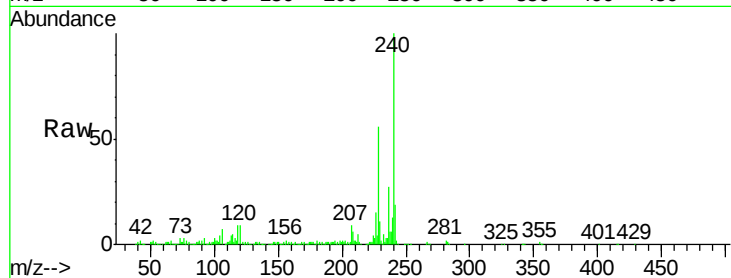




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

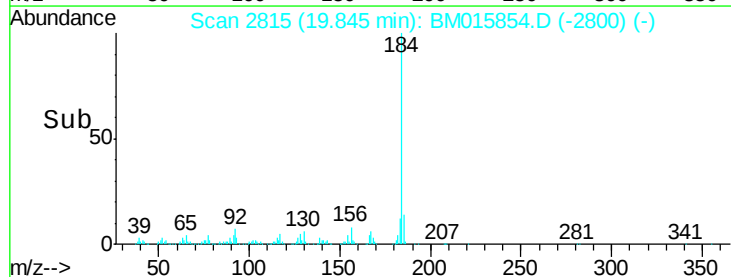
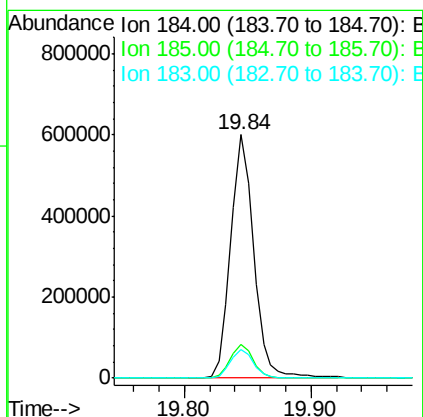
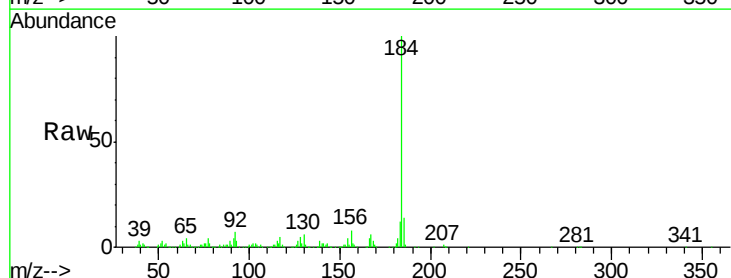
Instrument :
BNA_M
ClientSampleId :
PB110919BS

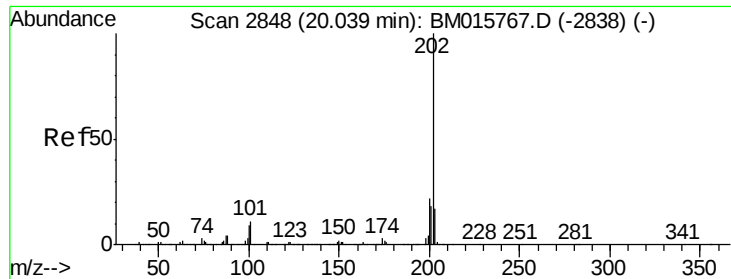
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.2	12.2
236	26.8	20.0	30.0



#76
Benzidine
Concen: 46.733 ng
RT: 19.84 min Scan# 2815
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.3	16.9
183	11.9	8.9	13.3



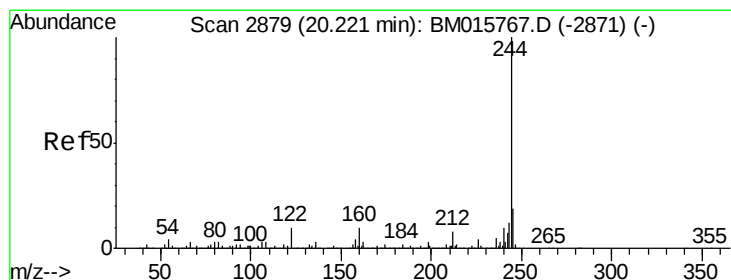
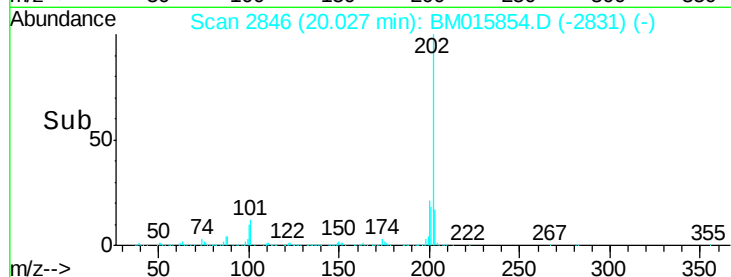
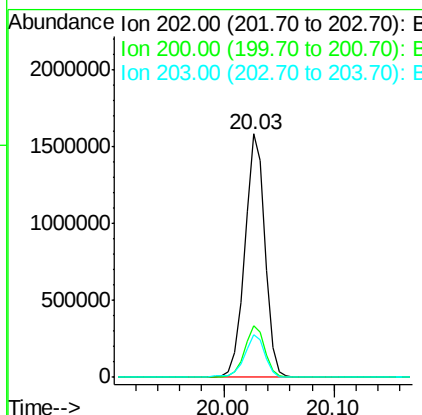
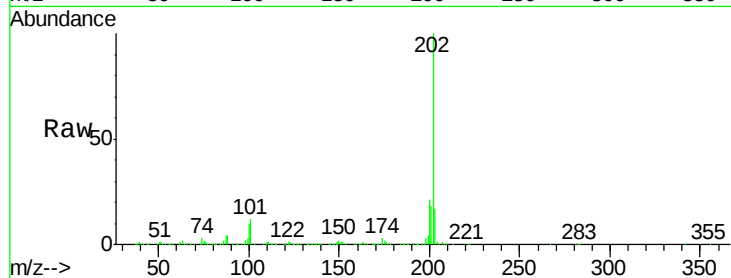


#77
 Pyrene
 Concen: 58.507 ng
 RT: 20.03 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

Tgt Ion: 202 Resp: 2018958

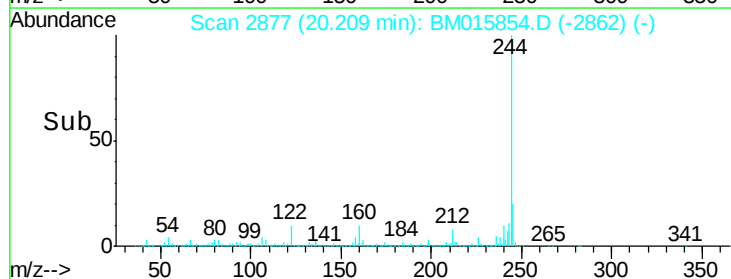
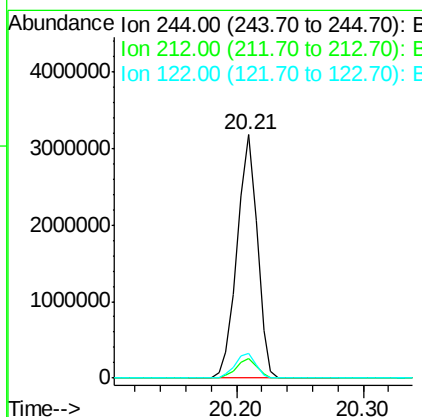
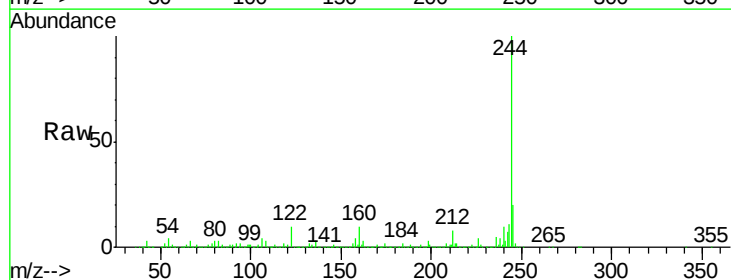
Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.4	14.1	21.1

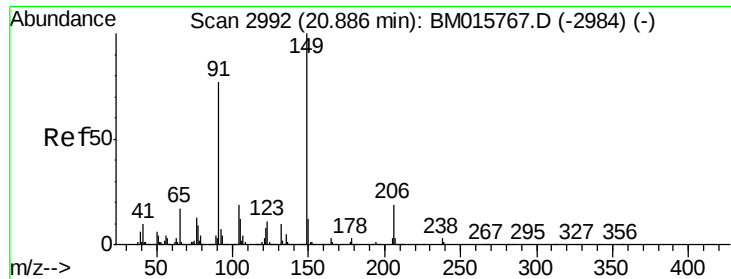


#78
 Terphenyl-d14
 Concen: 58.507 ng
 RT: 20.21 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion: 244 Resp: 3487247

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	10.2	6.2	9.4#

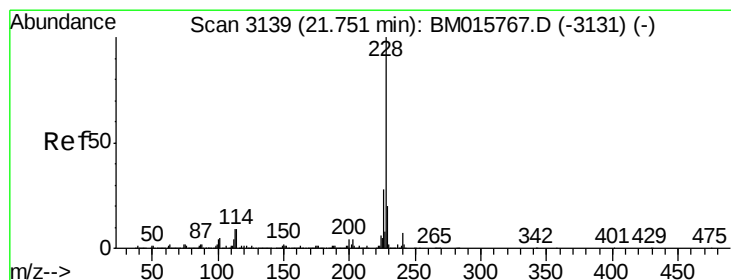
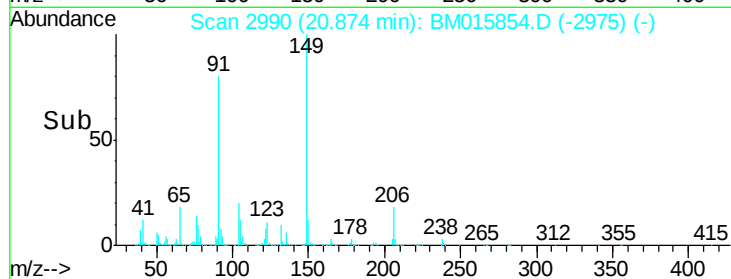
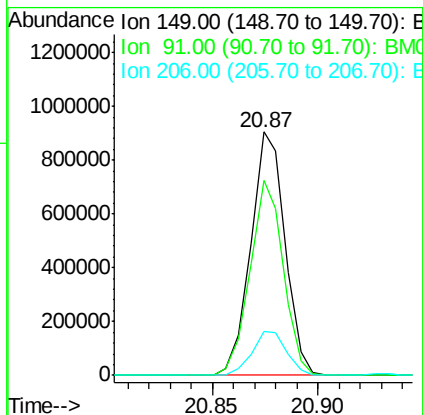
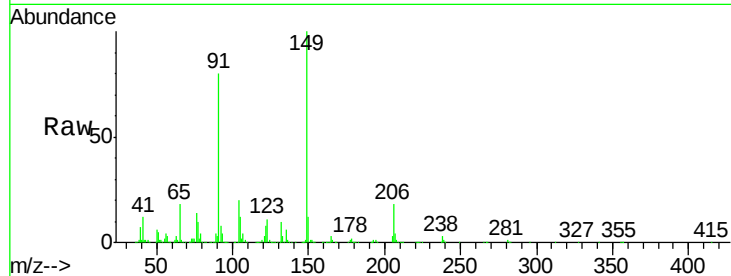




#79
Butylbenzylphthalate
Concen: 61.019 ng
RT: 20.87 min Scan# 2990
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

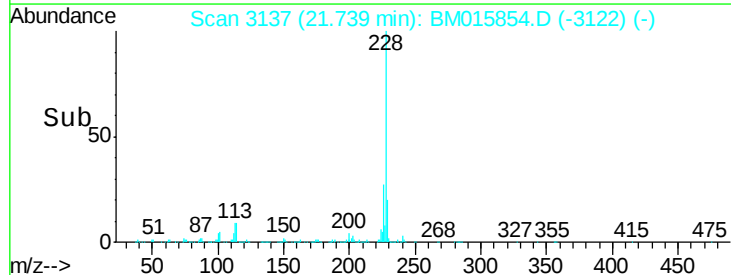
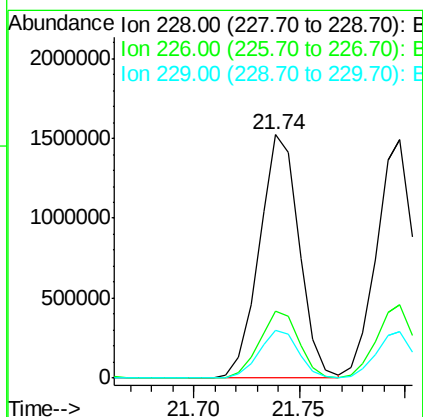
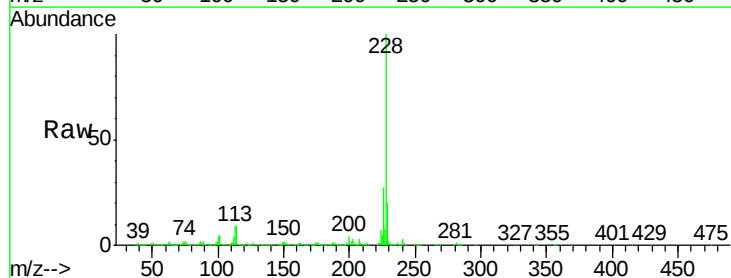
Instrument :
BNA_M
ClientSampleId :
PB110919BS

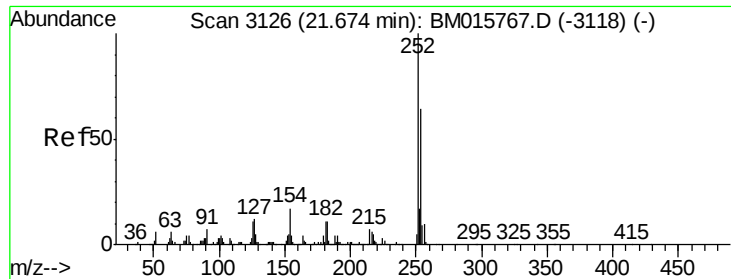
Tgt Ion:149 Resp: 1017851
Ion Ratio Lower Upper
149 100
91 79.8 50.1 75.1#
206 17.8 16.2 24.2



#80
Benzo(a)anthracene
Concen: 56.925 ng
RT: 21.74 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion:228 Resp: 1999401
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.8 16.0 24.0

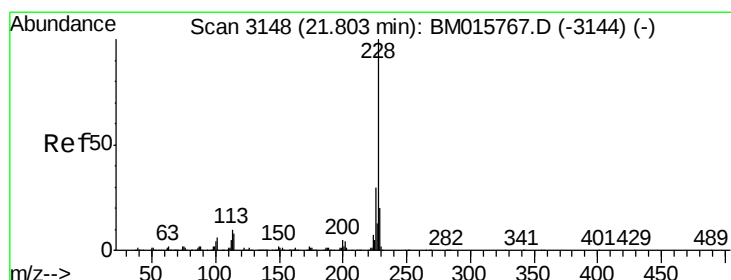
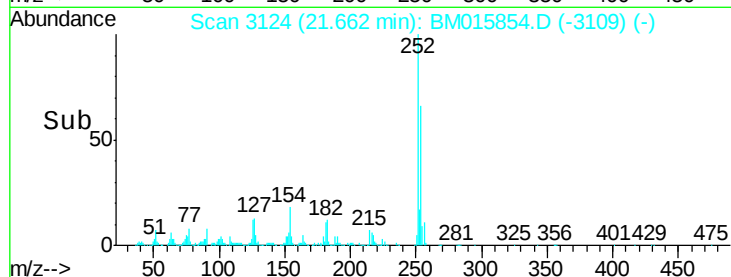
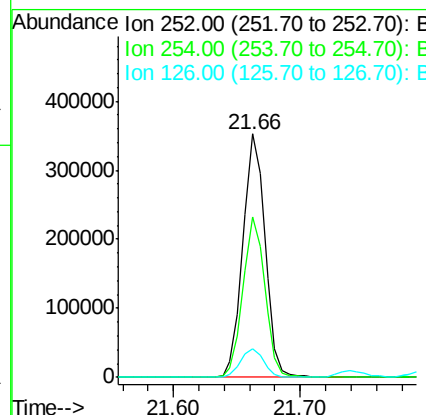
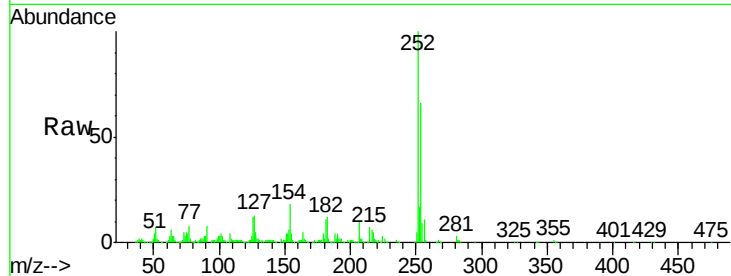




#81
 3,3'-Dichlorobenzidine
 Concen: 33.897 ng
 RT: 21.66 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

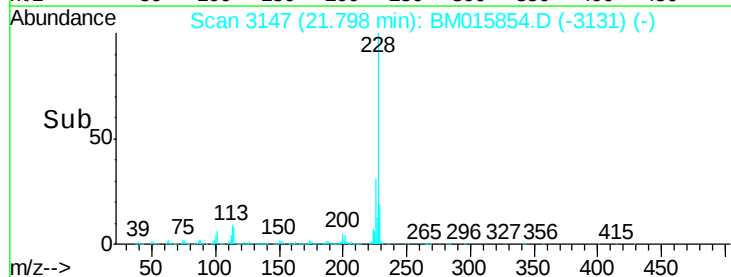
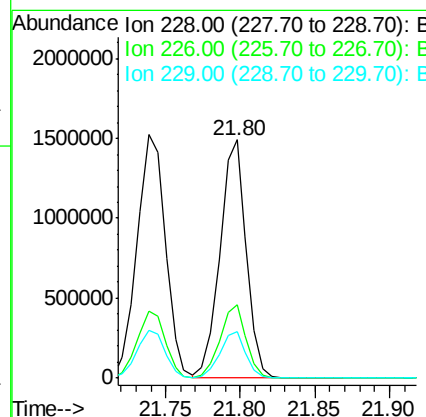
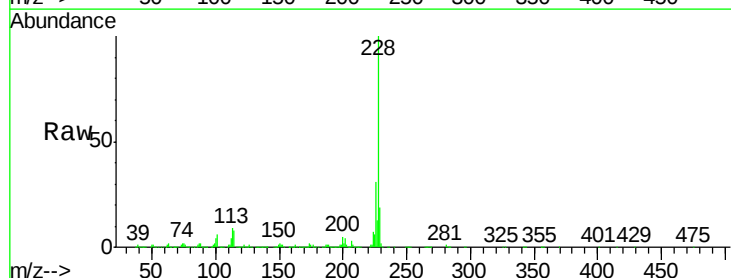
Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

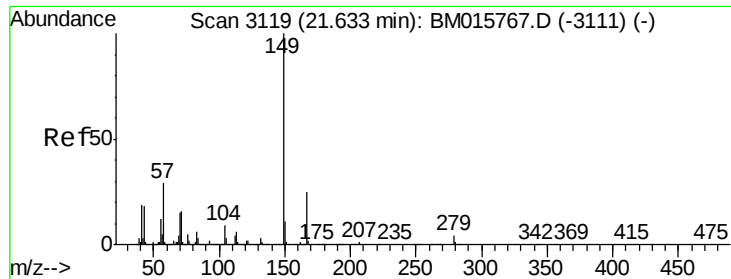
Tgt Ion:252 Resp: 427773
 Ion Ratio Lower Upper
 252 100
 254 65.7 51.9 77.9
 126 12.0 9.8 14.8



#82
 Chrysene
 Concen: 56.068 ng
 RT: 21.80 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion:228 Resp: 1834508
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.1 36.1
 229 19.5 15.5 23.3

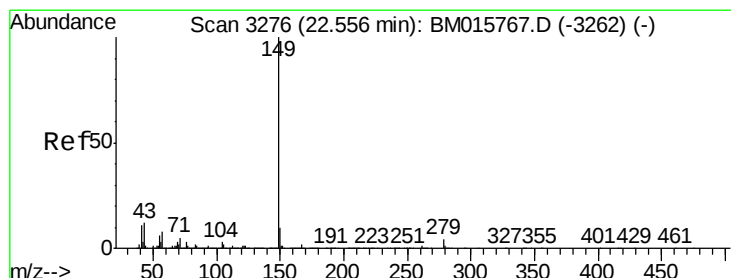
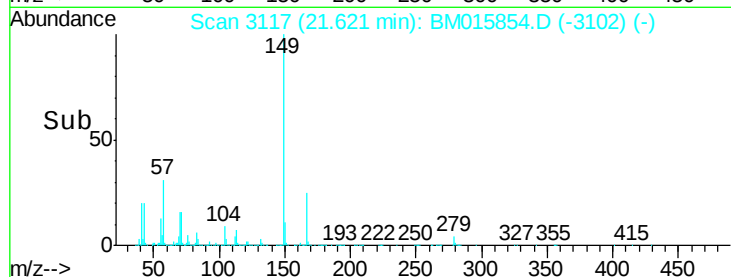
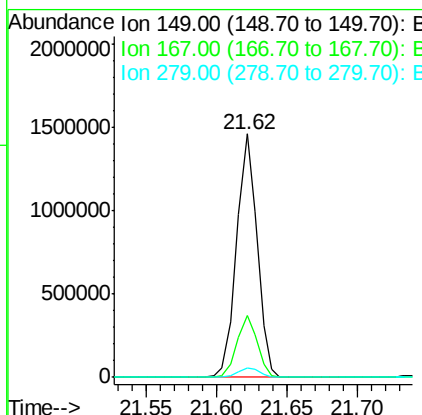
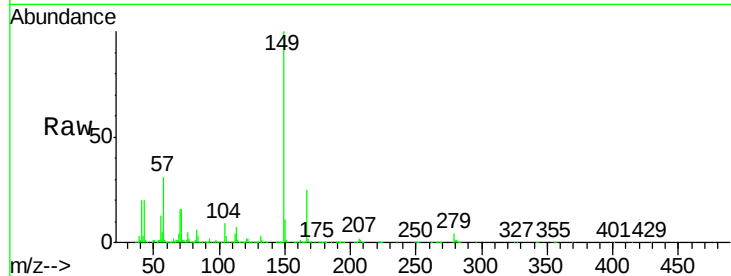




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 60.071 ng
 RT: 21.62 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

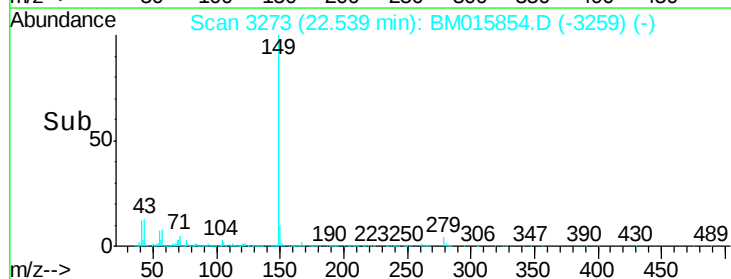
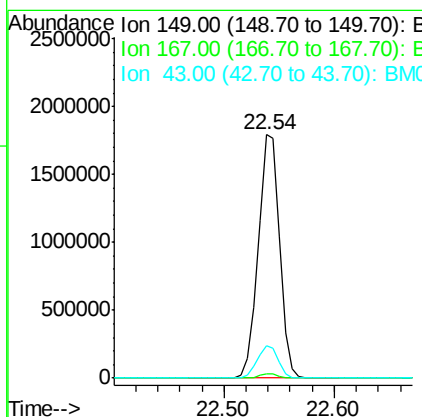
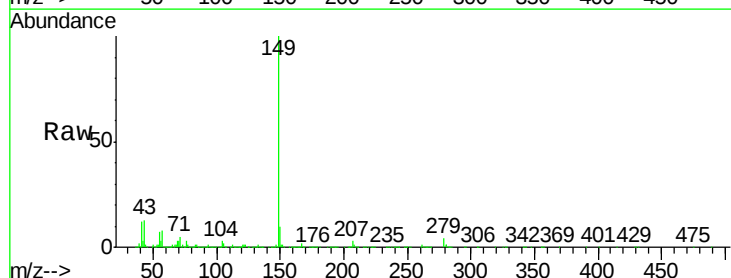
Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

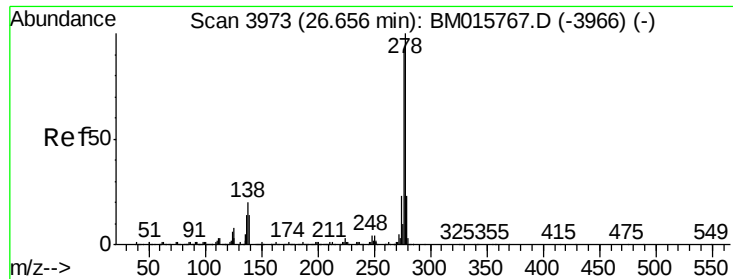
Tgt Ion:149 Resp: 1480552
 Ion Ratio Lower Upper
 149 100
 167 25.3 22.4 33.6
 279 3.9 3.4 5.0



#84
 Di-n-octyl phthalate
 Concen: 60.212 ng
 RT: 22.54 min Scan# 3273
 Delta R.T. -0.02 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion:149 Resp: 2419833
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 13.2 7.3 10.9#

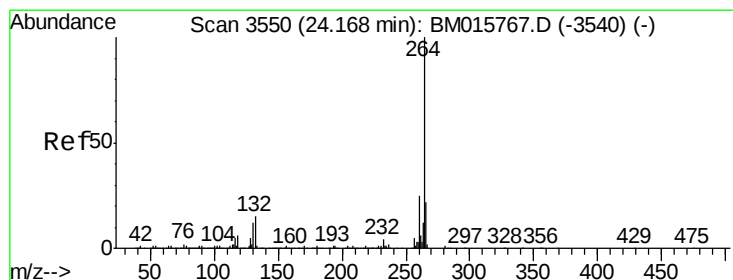
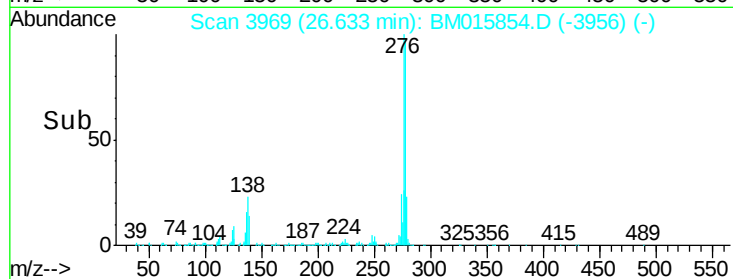
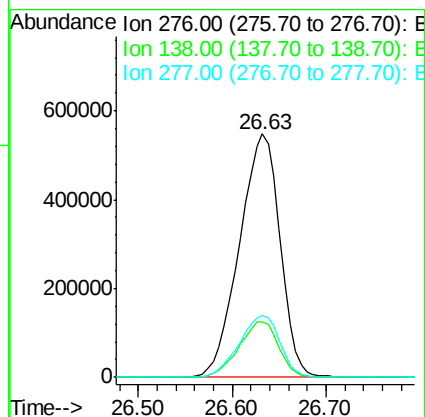
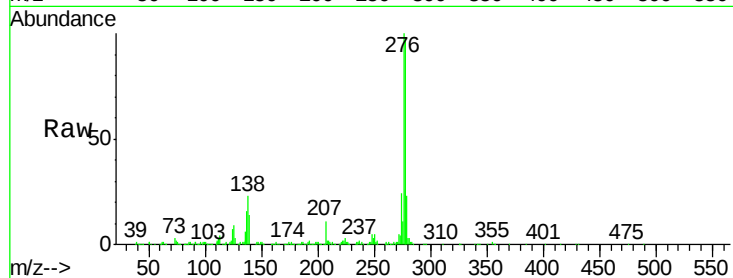




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.758 ng
 RT: 26.63 min Scan# 3969
 Delta R.T. -0.02 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

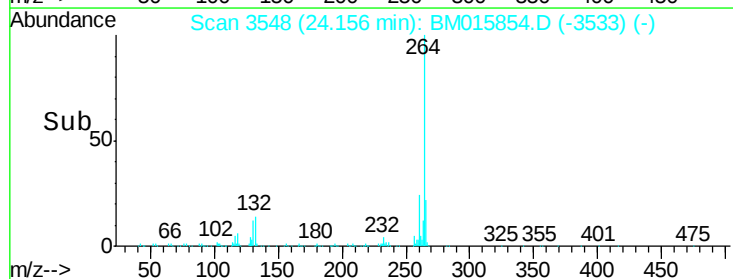
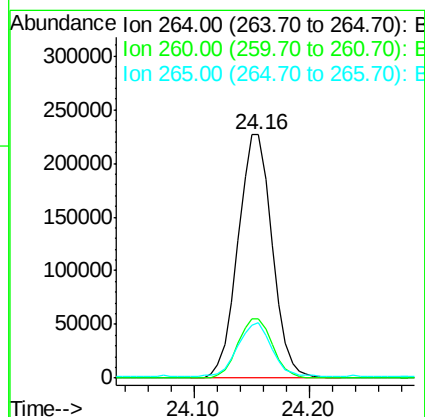
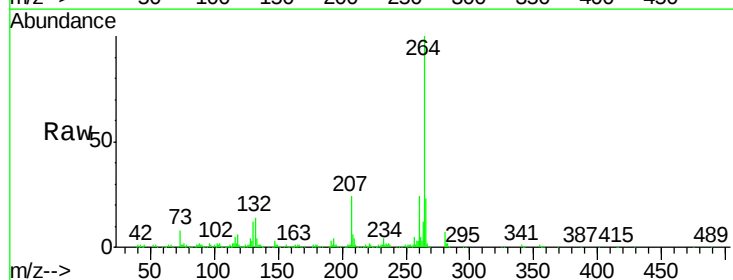
Instrument :
 BNA_M
 ClientSampleId :
 PB110919BS

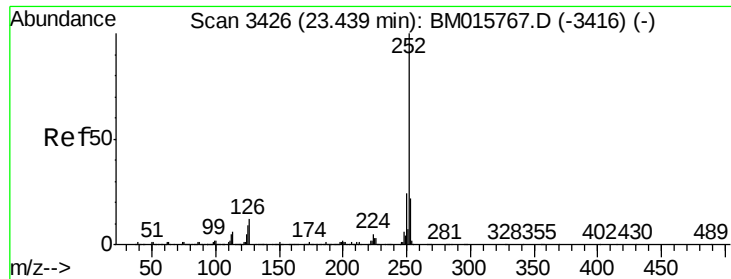
Tgt Ion:276 Resp: 1634183
 Ion Ratio Lower Upper
 276 100
 138 22.4 12.0 18.0#
 277 25.5 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.16 min Scan# 3548
 Delta R.T. -0.01 min
 Lab File: BM015854.D
 Acq: 09 Jul 2018 21:54

Tgt Ion:264 Resp: 467551
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 27.8
 265 22.9 17.3 25.9

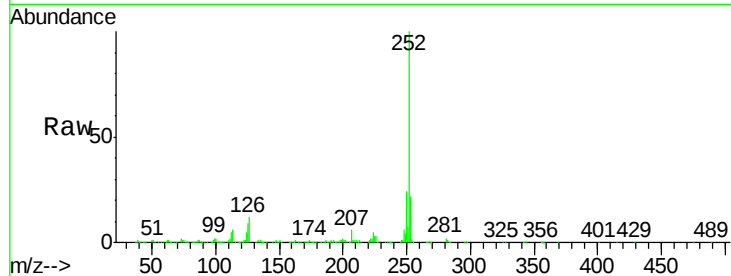




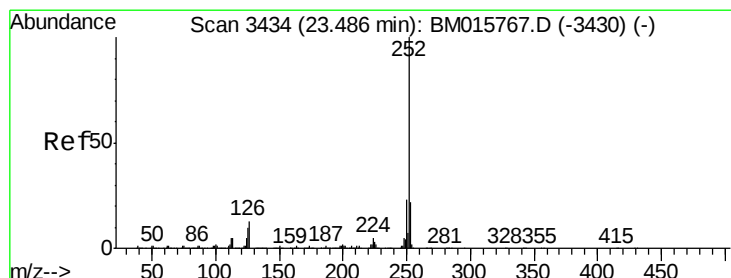
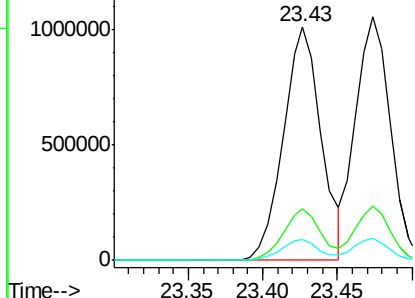
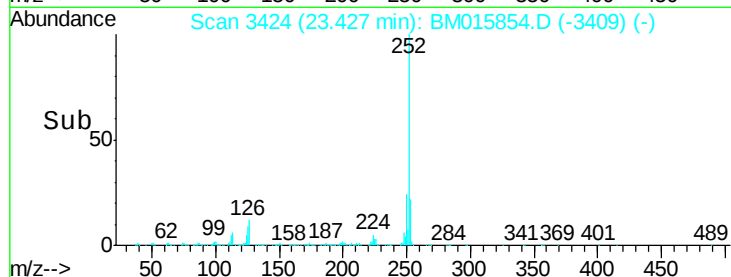
#87
Benzo(b)fluoranthene
Concen: 57.228 ng
RT: 23.43 min Scan# 3424
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Instrument :
BNA_M
ClientSampleId :
PB110919BS

Tgt Ion:252 Resp: 1786406
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 8.9 9.9 14.9#

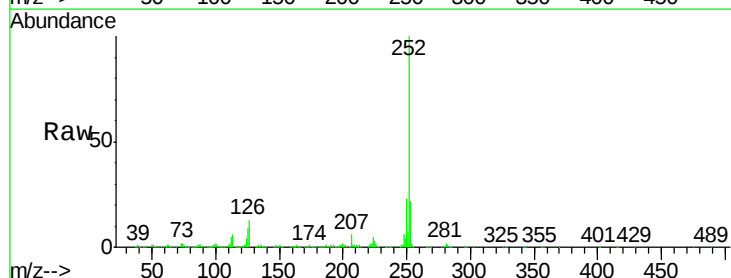


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

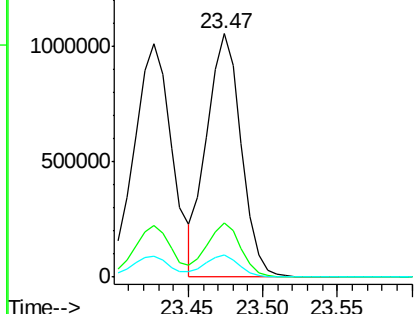
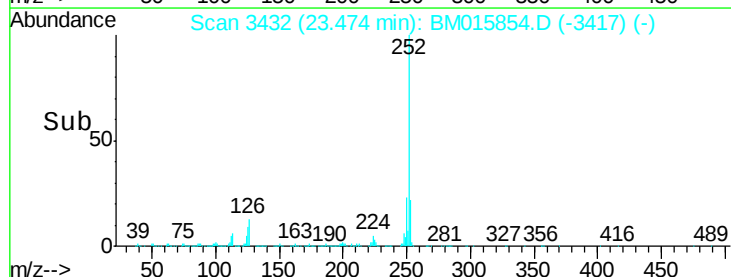


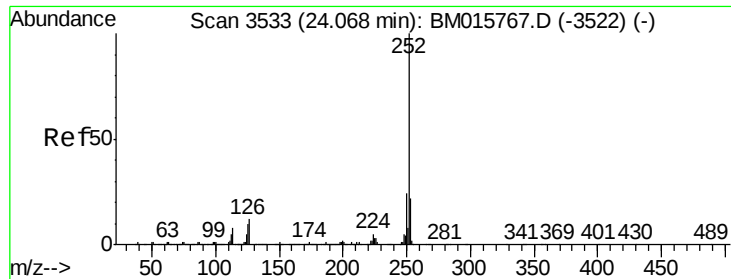
#88
Benzo(k)fluoranthene
Concen: 55.724 ng
RT: 23.47 min Scan# 3432
Delta R.T. -0.01 min
Lab File: BM015854.D
Acq: 09 Jul 2018 21:54

Tgt Ion:252 Resp: 1689738
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 9.2 8.1 12.1



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





#89

Benzo(a)pyrene

Concen: 58.496 ng

RT: 24.05 min Scan# 3530

Delta R.T. -0.02 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampleId :

PB110919BS

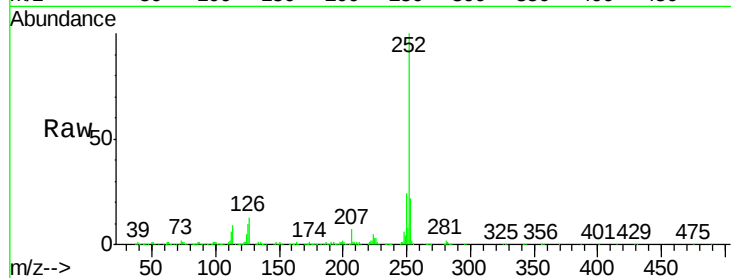
Tgt Ion:252 Resp: 1607368

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

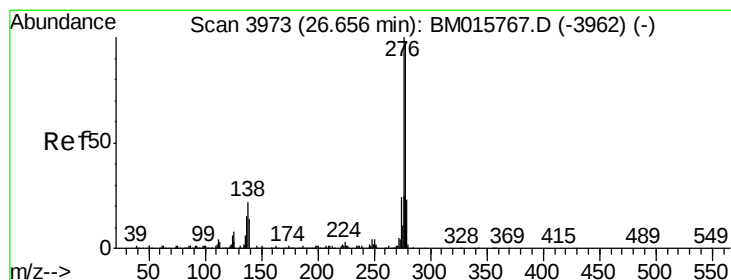
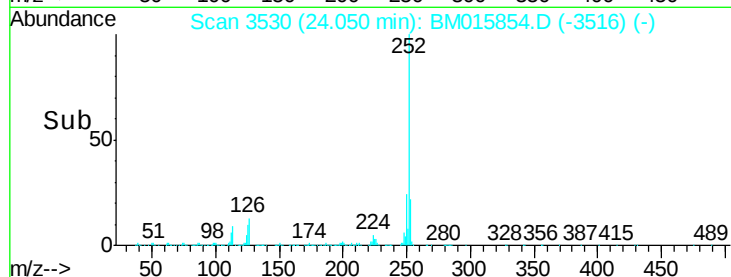
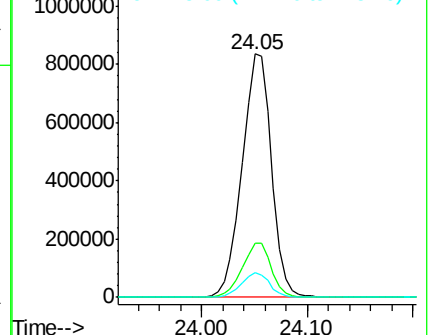
125 9.9 7.4 11.2



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: 57.271 ng

RT: 26.63 min Scan# 3969

Delta R.T. -0.02 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

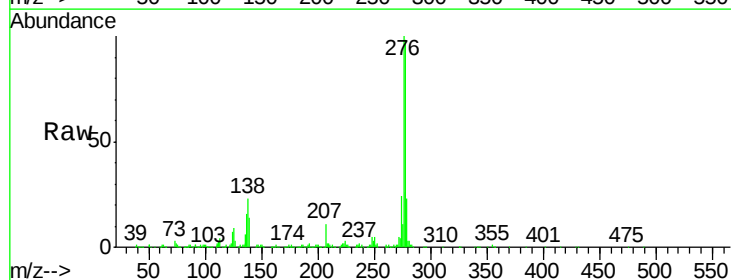
Tgt Ion:278 Resp: 1415923

Ion Ratio Lower Upper

278 100

139 14.4 13.4 20.0

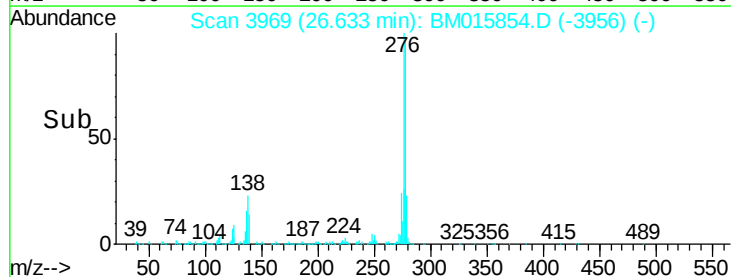
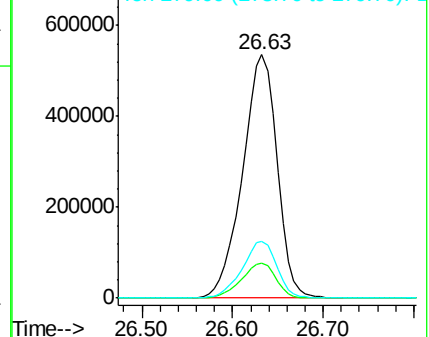
279 23.2 19.0 28.4

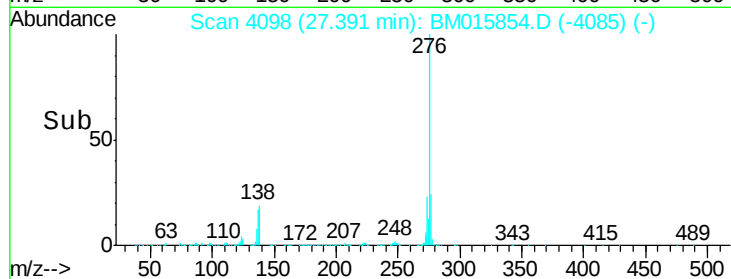
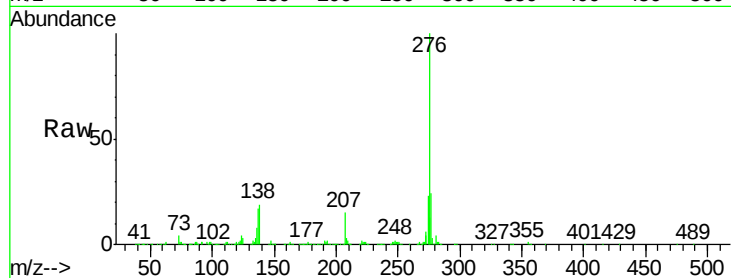
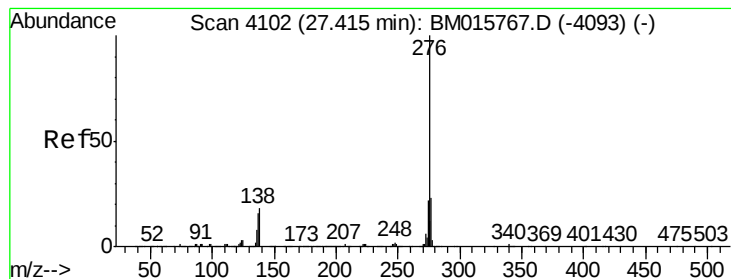


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 56.960 ng

RT: 27.39 min Scan# 4098

Delta R.T. -0.02 min

Lab File: BM015854.D

Acq: 09 Jul 2018 21:54

Instrument :

BNA_M

ClientSampleId :

PB110919BS

Tgt Ion:276 Resp: 1237328

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 18.9 19.0 28.6#

