

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070618\
 Data File : BM015821.D
 Acq On : 07 Jul 2018 02:58
 Operator : SJ/JU
 Sample : PB110836BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110836BS

Quant Time: Jul 07 04:33:08 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	133991	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	553488	20.00	ng	-0.01
38) Acenaphthene-d10	14.93	164	307025	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	605585	20.00	ng	0.00
75) Chrysene-d12	21.76	240	414966	20.00	ng	0.00
86) Perylene-d12	24.16	264	341999	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.81	112	1064780	136.28	ng	0.00
7) Phenol-d6	7.46	99	1363142	127.44	ng	0.00
23) Nitrobenzene-d5	9.50	82	917694	80.90	ng	0.00
41) 2,4,6-Tribromophenol	16.41	330	499296	124.46	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	1976914	79.94	ng	0.00
78) Terphenyl-d14	20.22	244	2292372	102.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	91486	28.313	ng	# 100
3) Pyridine	4.01	79	248805	29.179	ng	# 80
4) n-Nitrosodimethylamine	3.92	42	217172	32.710	ng	# 44
6) Aniline	7.63	93	257136	19.829	ng	90
8) 2-Chlorophenol	7.87	128	352599	37.603	ng	95
9) Benzaldehyde	7.44	77	149909	22.237	ng	94
10) Phenol	7.49	94	409237	38.077	ng	91
11) bis(2-Chloroethyl)ether	7.72	93	287933	32.934	ng	88
12) 1,3-Dichlorobenzene	8.19	146	355495	34.194	ng	# 93
13) 1,4-Dichlorobenzene	8.34	146	366644	34.103	ng	# 94
14) 1,2-Dichlorobenzene	8.66	146	352144	33.868	ng	# 94
15) Benzyl Alcohol	8.56	79	310854	33.476	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.83	45	452056	47.344	ng	98
17) 2-Methylphenol	8.76	107	280322	37.647	ng	# 86
18) Hexachloroethane	9.39	117	149610	35.193	ng	93
19) n-Nitroso-di-n-propylamine	9.13	70	264365	30.754	ng	# 80
20) 3+4-Methylphenols	9.09	107	372624	36.028	ng	89
22) Acetophenone	9.15	105	499682	34.656	ng	# 87
24) Nitrobenzene	9.54	77	405948	36.762	ng	99
25) Isophorone	10.06	82	676632	39.079	ng	# 94
26) 2-Nitrophenol	10.25	139	181282	38.125	ng	# 65
27) 2,4-Dimethylphenol	10.29	122	308953	42.770	ng	# 86
28) bis(2-Chloroethoxy)methane	10.53	93	405610	35.957	ng	99
29) 2,4-Dichlorophenol	10.79	162	325521	40.689	ng	98
30) 1,2,4-Trichlorobenzene	10.99	180	337528	36.323	ng	97
31) Naphthalene	11.19	128	1032229	35.971	ng	99
32) Benzoic acid	10.47	122	186913	29.226	ng	87
33) 4-Chloroaniline	11.30	127	160151	13.688	ng	# 88
34) Hexachlorobutadiene	11.45	225	219979	35.472	ng	98
35) Caprolactam	12.11	113	84558	31.870	ng	93
36) 4-Chloro-3-methylphenol	12.40	107	342590	37.320	ng	87
37) 2-Methylnaphthalene	12.77	142	758963	37.180	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	373711	37.924	ng	# 100
40) Hexachlorocyclopentadiene	13.10	237	417235	89.416	ng	98

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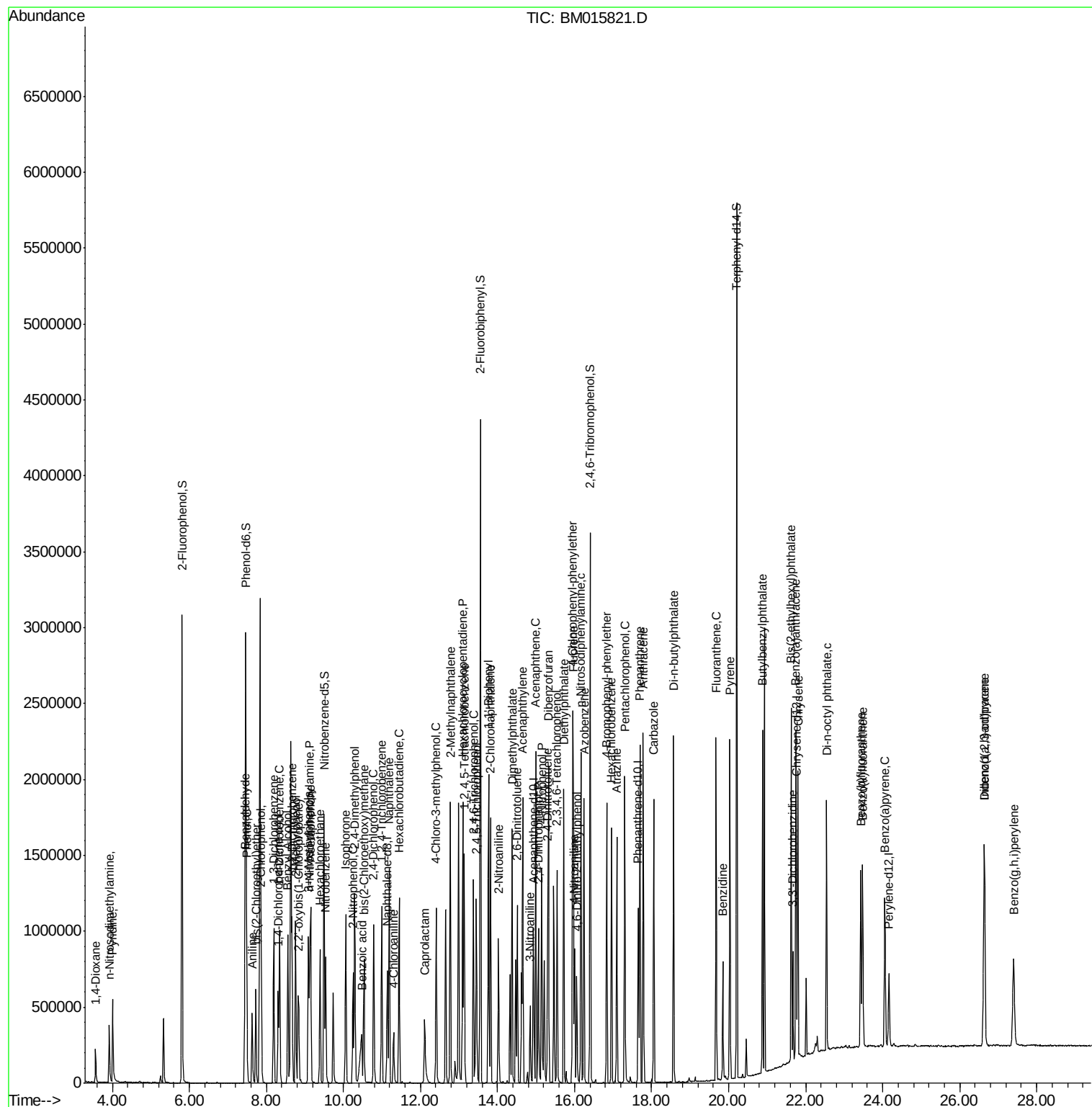
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	243856	39.149	ng	98
43) 2,4,5-Trichlorophenol	13.45	196	251101	37.317	ng	# 85
45) 1,1'-Biphenyl	13.77	154	952132	35.868	ng	99
46) 2-Chloronaphthalene	13.82	162	734688	37.017	ng	# 92
47) 2-Nitroaniline	14.03	65	242408	35.024	ng	# 81
48) Acenaphthylene	14.66	152	1181209	36.585	ng	99
49) Dimethylphthalate	14.38	163	930901	34.379	ng	99
50) 2,6-Dinitrotoluene	14.52	165	192784	36.516	ng	# 74
51) Acenaphthene	14.99	154	678509	33.772	ng	96
52) 3-Nitroaniline	14.84	138	102062	17.662	ng	# 75
53) 2,4-Dinitrophenol	15.06	184	167762	64.942	ng	91
54) Dibenzofuran	15.32	168	1087903	35.141	ng	# 88
55) 4-Nitrophenol	15.14	139	277795	65.137	ng	# 71
56) 2,4-Dinitrotoluene	15.30	165	264655	34.722	ng	94
57) Fluorene	15.97	166	876721	34.342	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.54	232	212403	37.408	ng	# 100
59) Diethylphthalate	15.72	149	965584	33.277	ng	96
60) 4-Chlorophenyl-phenylether	15.95	204	440567	33.538	ng	# 90
61) 4-Nitroaniline	16.00	138	183121	30.547	ng	# 37
62) Azobenzene	16.24	77	990285	36.408	ng	82
64) 4,6-Dinitro-2-methylphenol	16.06	198	121146	32.907	ng	88
65) n-Nitrosodiphenylamine	16.17	169	739924	35.658	ng	99
66) 4-Bromophenyl-phenylether	16.84	248	258191	38.185	ng	# 84
67) Hexachlorobenzene	16.96	284	280604	37.139	ng	# 77
68) Atrazine	17.10	200	259189	37.974	ng	98
69) Pentachlorophenol	17.30	266	284683	60.891	ng	96
70) Phenanthrene	17.69	178	1231628	35.549	ng	99
71) Anthracene	17.79	178	1251669	36.788	ng	99
72) Carbazole	18.05	167	1064621	33.578	ng	98
73) Di-n-butylphthalate	18.57	149	1459078	34.143	ng	# 98
74) Fluoranthene	19.67	202	1216021	30.531	ng	98
76) Benzidine	19.85	184	373117	30.689	ng	98
77) Pyrene	20.03	202	1187499	45.940	ng	99
79) Butylbenzylphthalate	20.88	149	527607	42.225	ng	# 84
80) Benzo(a)anthracene	21.74	228	948176	36.039	ng	99
81) 3,3'-Dichlorobenzidine	21.67	252	180371	19.081	ng	100
82) Chrysene	21.80	228	879548	35.887	ng	100
83) Bis(2-ethylhexyl)phthalate	21.63	149	693781	37.578	ng	96
84) Di-n-octyl phthalate	22.54	149	1001900	33.281	ng	# 91
85) Indeno(1,2,3-cd)pyrene	26.64	276	880788	38.680	ng	# 93
87) Benzo(b)fluoranthene	23.43	252	805332	35.270	ng	# 95
88) Benzo(k)fluoranthene	23.48	252	752876	33.943	ng	98
89) Benzo(a)pyrene	24.06	252	734070	36.522	ng	100
90) Dibenzo(a,h)anthracene	26.64	278	743591	41.118	ng	98
91) Benzo(g,h,i)perylene	27.40	276	721082	45.381	ng	95

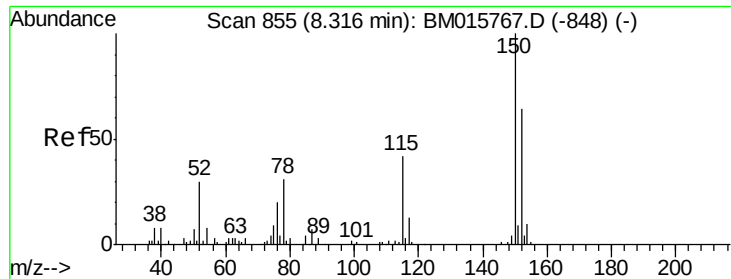
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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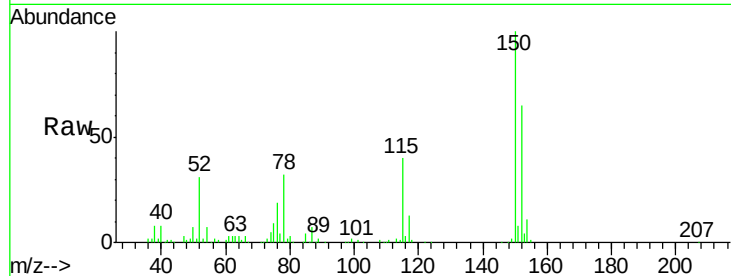


#1

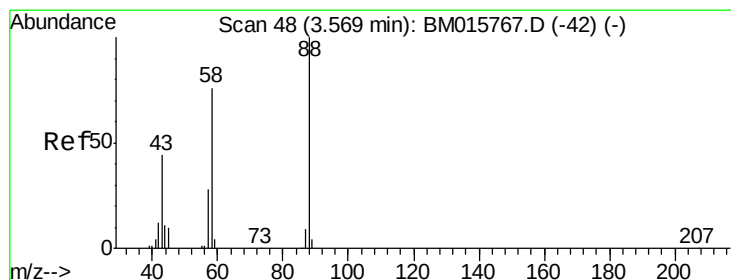
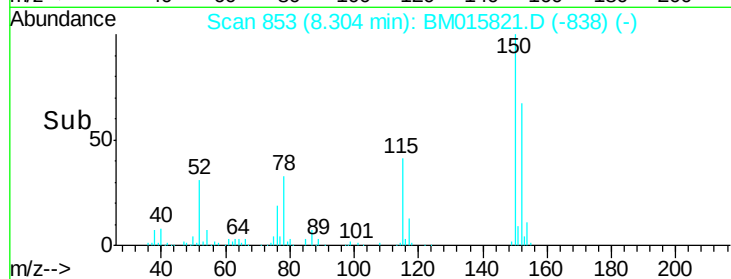
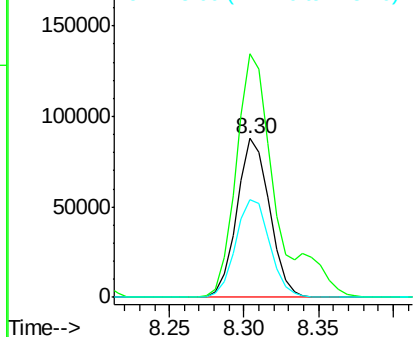
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

Tgt Ion:152 Resp: 133991
Ion Ratio Lower Upper
152 100
150 153.0 119.5 179.3
115 61.1 43.0 64.4



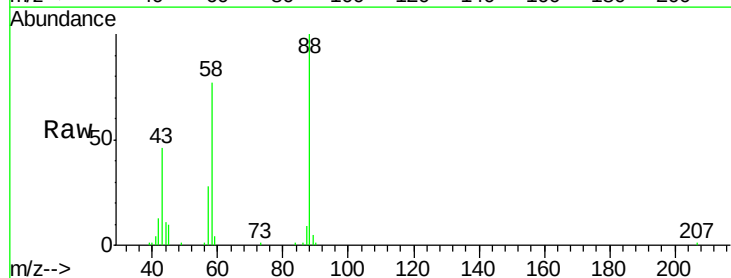
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



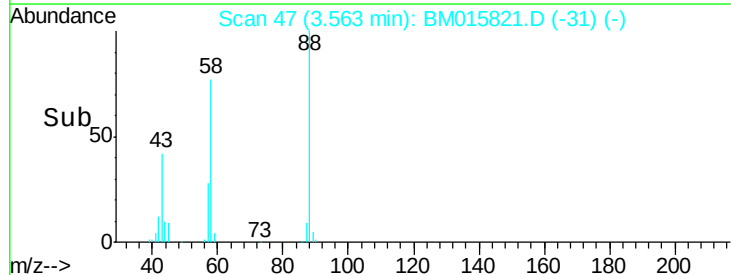
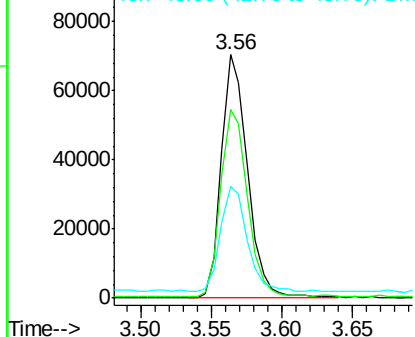
#2

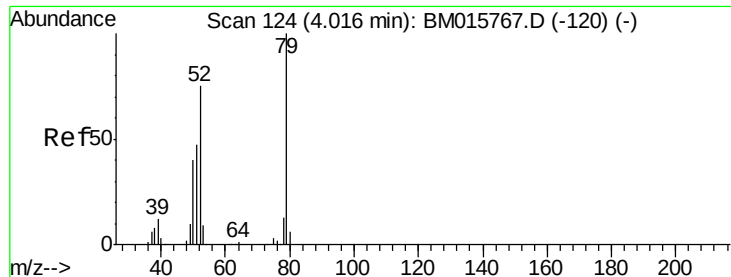
1,4-Dioxane
Concen: 28.313 ng
RT: 3.56 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion: 88 Resp: 91486
Ion Ratio Lower Upper
88 100
58 78.2 0.0 0.0#
43 43.0 0.0 0.0#



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





#3

Pyridine

Concen: 29.179 ng

RT: 4.01 min Scan# 123

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

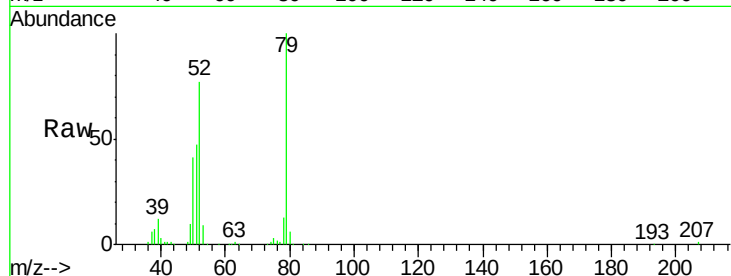
Tgt Ion: 79 Resp: 248805

Ion Ratio Lower Upper

79 100

52 76.7 51.1 76.7#

51 47.3 26.1 39.1#

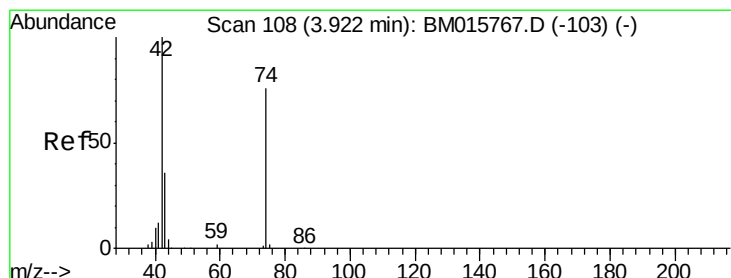
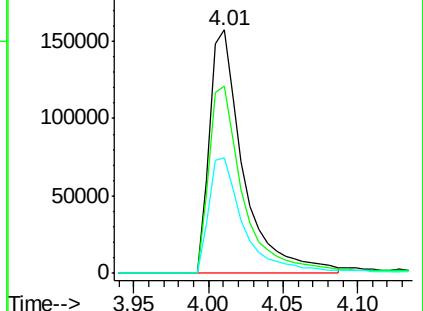
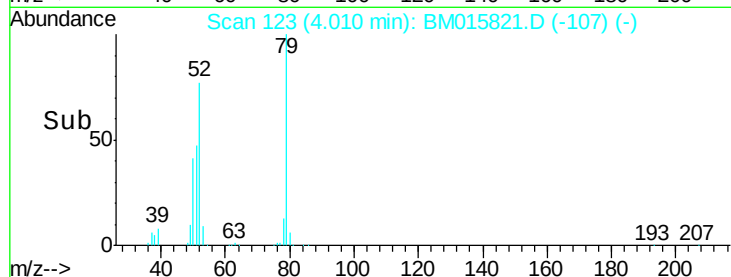


Abundance Ion 79.00 (78.70 to 79.70): BM015767.D (-120) (-)

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: 32.710 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

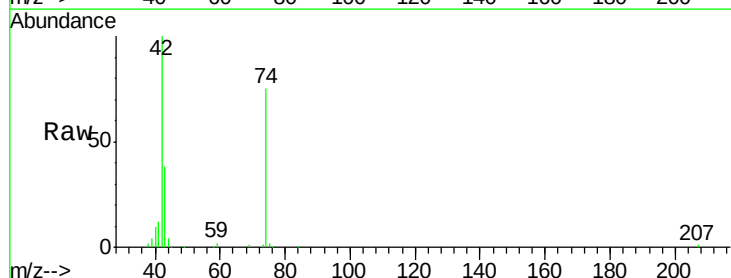
Tgt Ion: 42 Resp: 217172

Ion Ratio Lower Upper

42 100

74 75.4 119.3 178.9#

44 4.5 5.4 8.2#

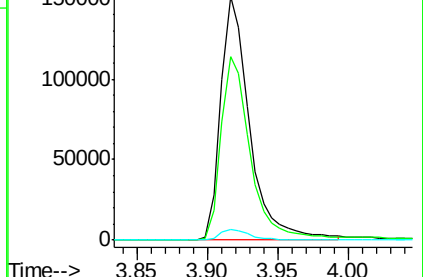
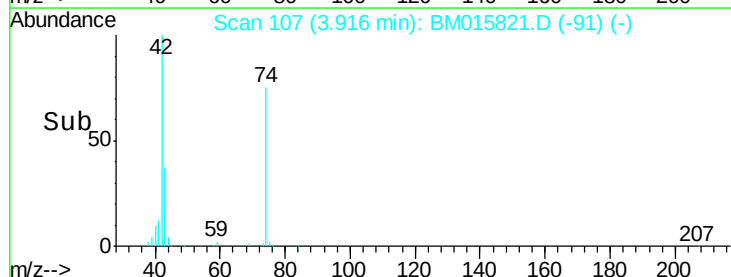


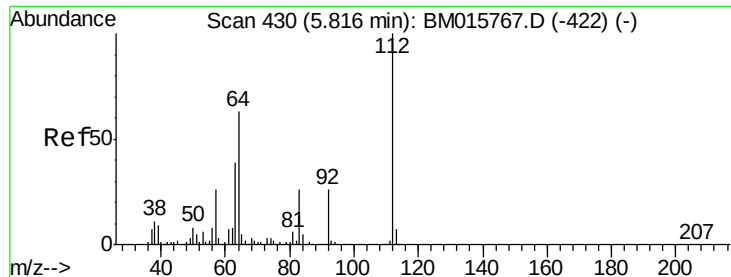
Abundance Ion 42.00 (41.70 to 42.70): BM015767.D (-103) (-)

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

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

Time-->





#5

2-Fluorophenol

Concen: 32.710 ng

RT: 5.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BM015821.D

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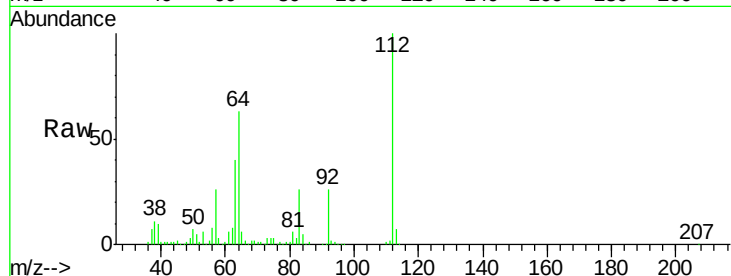
Tgt Ion: 112 Resp: 1064780

Ion Ratio Lower Upper

112 100

64 63.4 38.6 57.8#

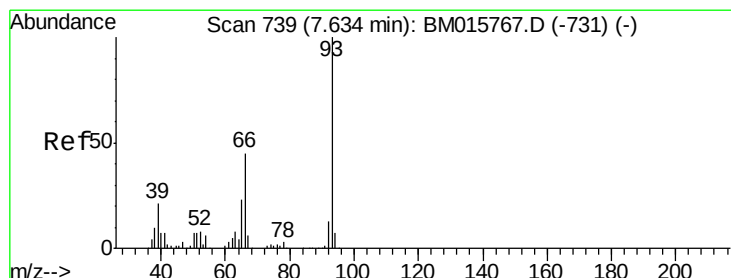
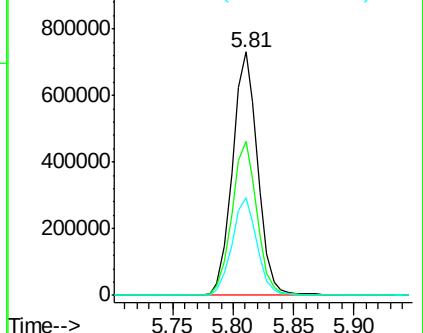
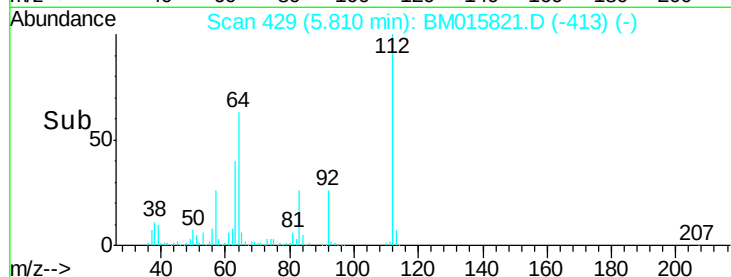
63 39.9 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 19.829 ng

RT: 7.63 min Scan# 738

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

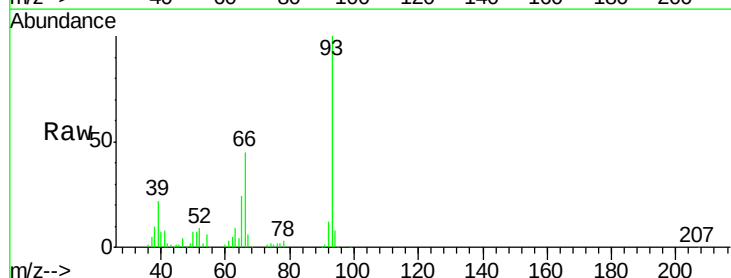
Tgt Ion: 93 Resp: 257136

Ion Ratio Lower Upper

93 100

66 44.9 30.8 46.2

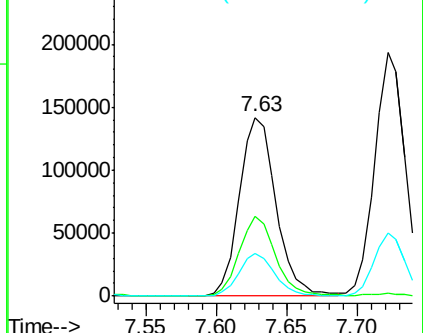
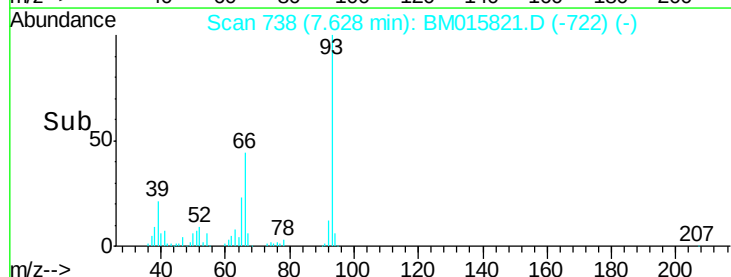
65 23.6 16.0 24.0

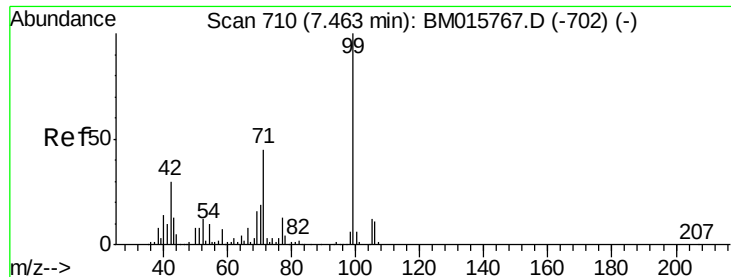


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 19.829 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.00 min

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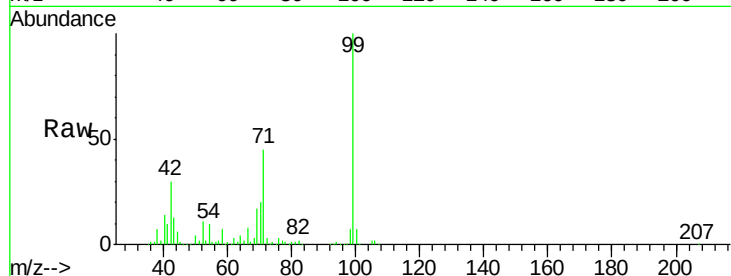
Tgt Ion: 99 Resp: 1363142

Ion Ratio Lower Upper

99 100

42 30.5 11.0 16.4#

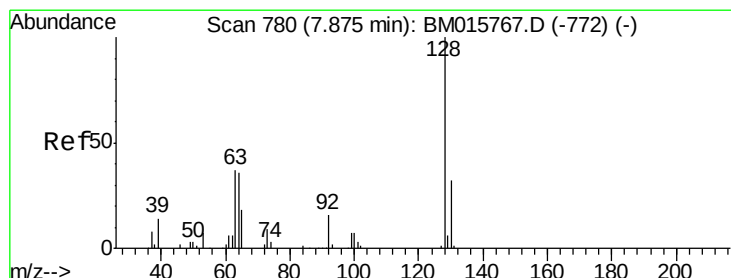
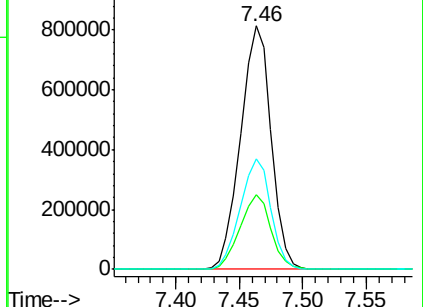
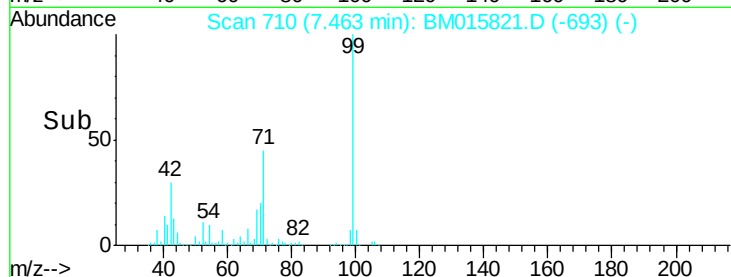
71 45.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015821.D (-693) (-)

Ion 42.00 (41.70 to 42.70): BM015821.D (-693) (-)

Ion 71.00 (70.70 to 71.70): BM015821.D (-693) (-)



#8

2-Chlorophenol

Concen: 37.603 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

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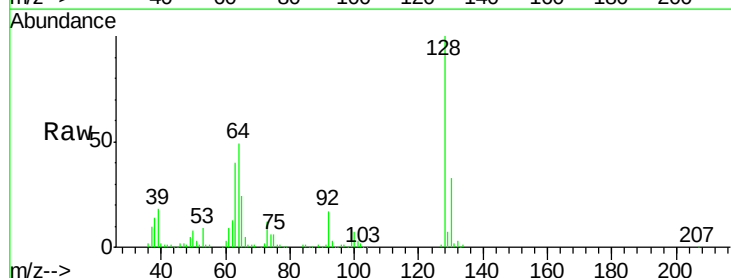
Tgt Ion: 128 Resp: 352599

Ion Ratio Lower Upper

128 100

130 33.1 12.0 52.0

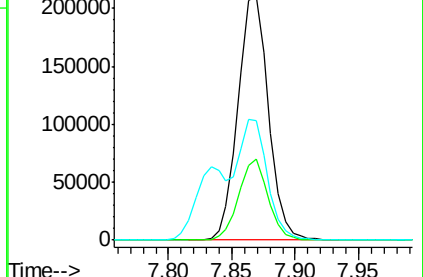
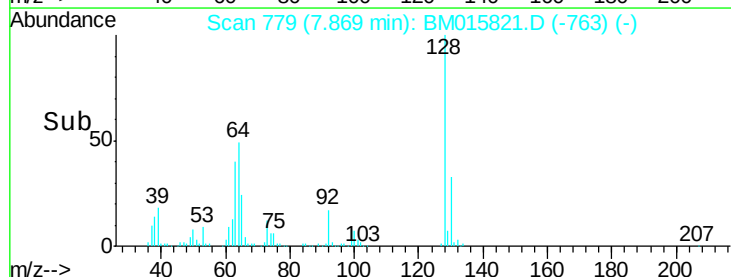
64 49.2 24.9 64.9

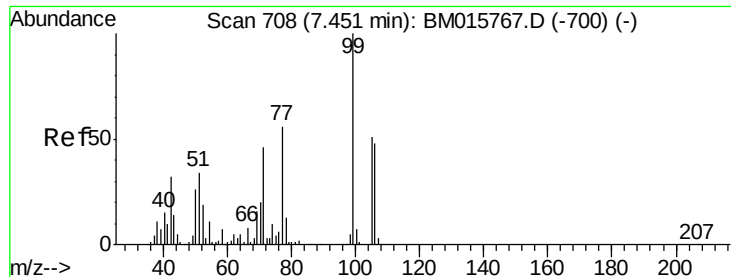


Abundance Ion 128.00 (127.70 to 128.70): BM015821.D (-763) (-)

Ion 130.00 (129.70 to 130.70): BM015821.D (-763) (-)

Ion 64.00 (63.70 to 64.70): BM015821.D (-763) (-)





#9

Benzaldehyde

Concen: 22.237 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.01 min

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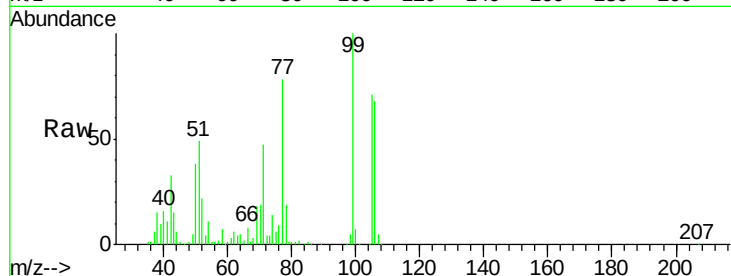
Tgt Ion: 77 Resp: 149909

Ion Ratio Lower Upper

77 100

105 92.0 78.8 118.8

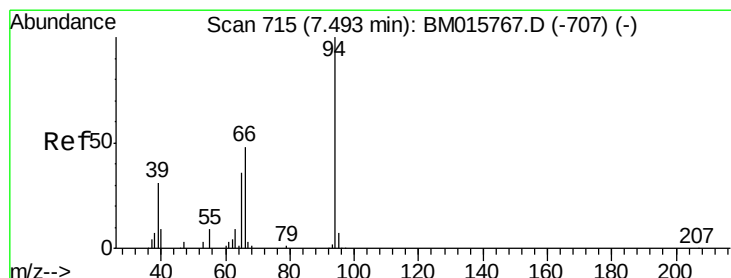
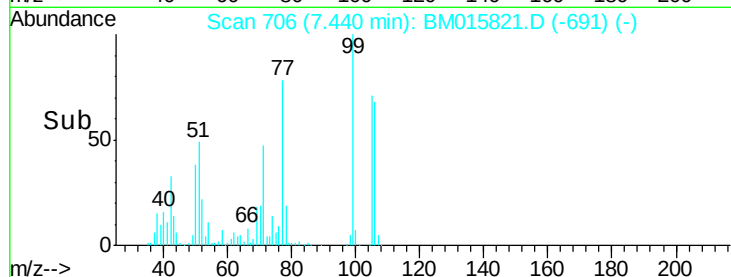
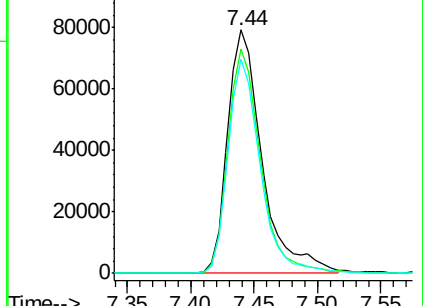
106 87.9 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM015821.D (-691) (-)

Ion 105.00 (104.70 to 105.70): BM015821.D (-691) (-)

Ion 106.00 (105.70 to 106.70): BM015821.D (-691) (-)



#10

Phenol

Concen: 38.077 ng

RT: 7.49 min Scan# 715

Delta R.T. -0.00 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

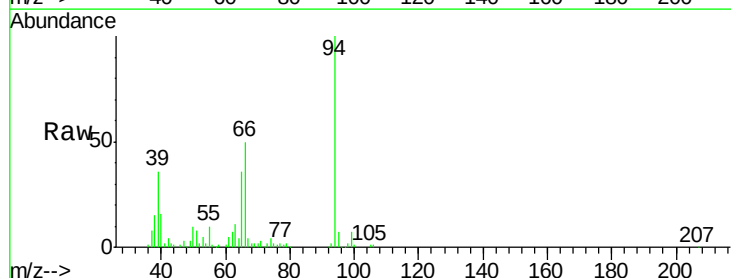
Tgt Ion: 94 Resp: 409237

Ion Ratio Lower Upper

94 100

65 36.4 18.8 58.8

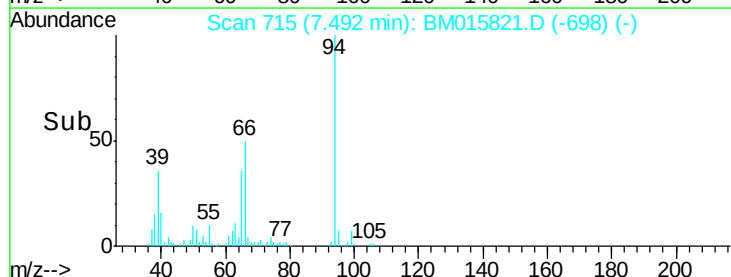
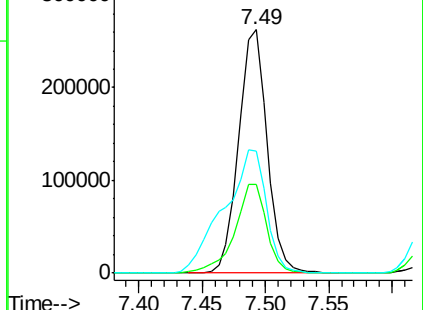
66 50.2 39.9 79.9

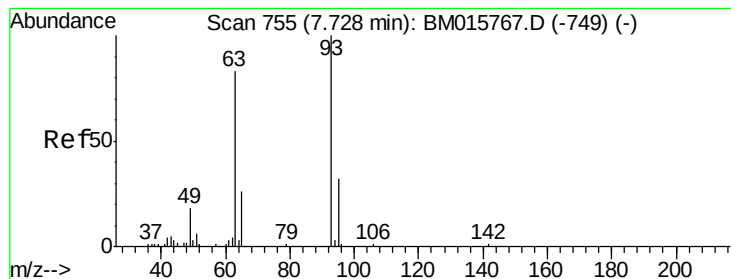


Abundance Ion 94.00 (93.70 to 94.70): BM015821.D (-698) (-)

Ion 65.00 (64.70 to 65.70): BM015821.D (-698) (-)

Ion 66.00 (65.70 to 66.70): BM015821.D (-698) (-)





#11

bis(2-Chloroethyl)ether

Concen: 32.934 ng

RT: 7.72 min Scan# 754

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

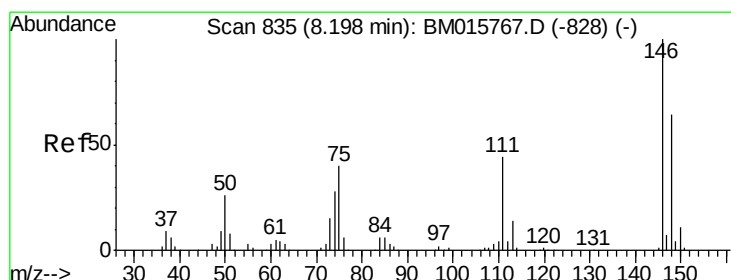
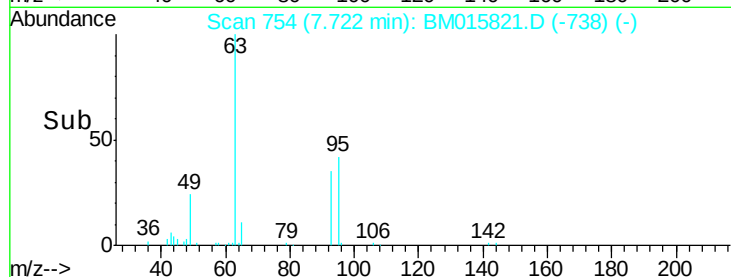
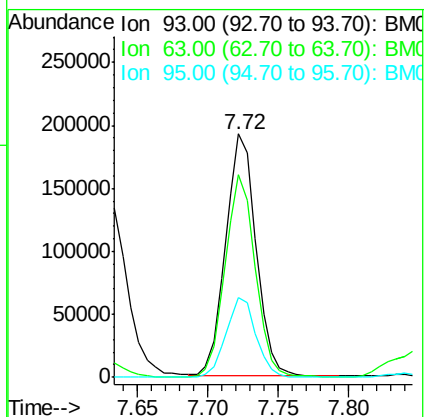
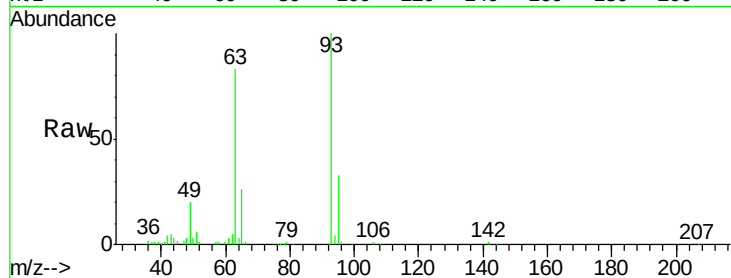
Tgt Ion: 93 Resp: 287933

Ion Ratio Lower Upper

93 100

63 83.1 49.5 89.5

95 32.5 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 34.194 ng

RT: 8.19 min Scan# 834

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

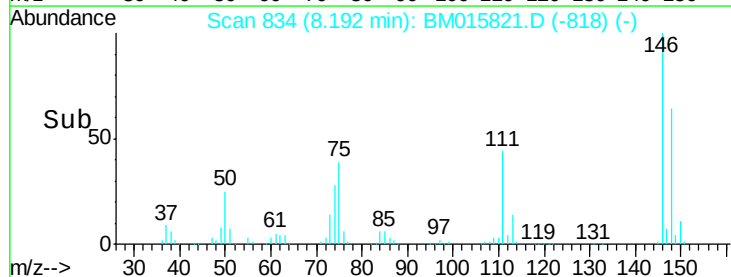
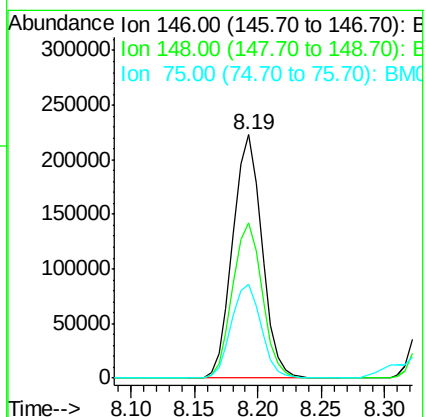
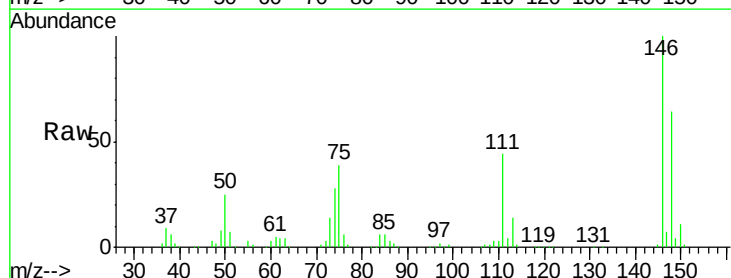
Tgt Ion: 146 Resp: 355495

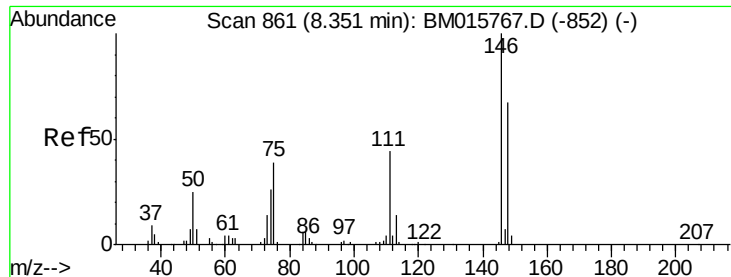
Ion Ratio Lower Upper

146 100

148 64.0 50.9 76.3

75 38.7 21.4 32.2#

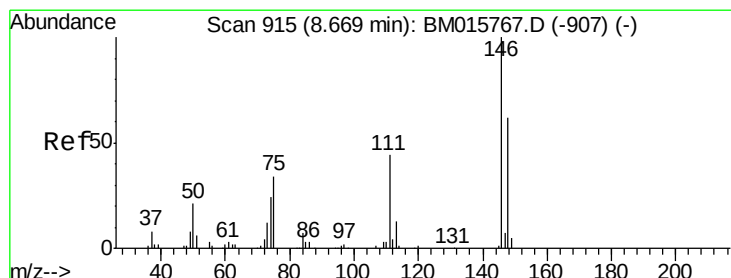
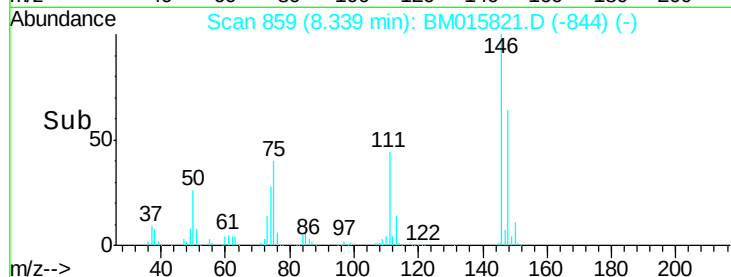
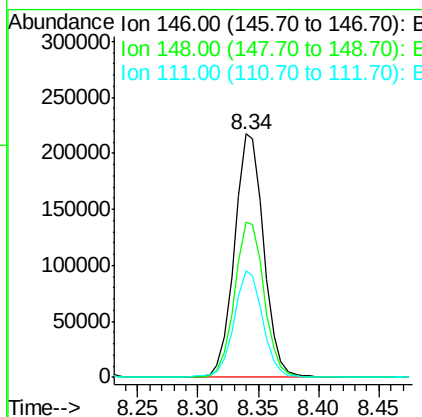
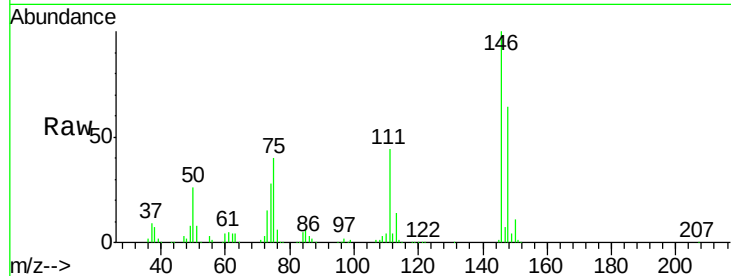




#13
 1,4-Dichlorobenzene
 Concen: 34.103 ng
 RT: 8.34 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

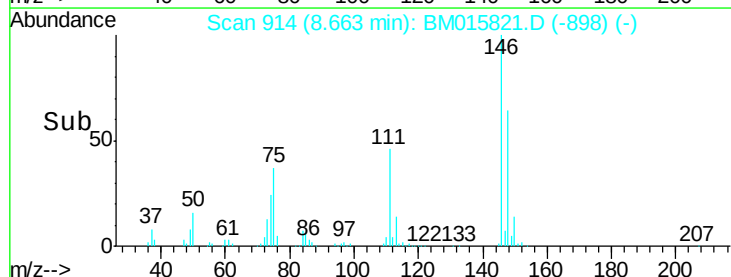
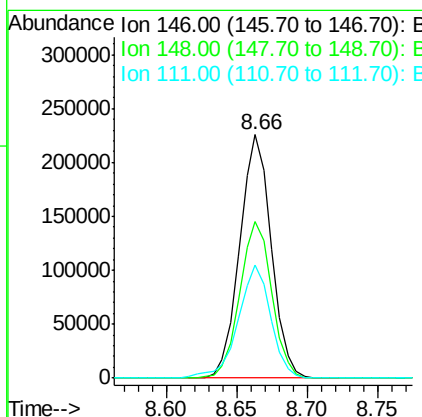
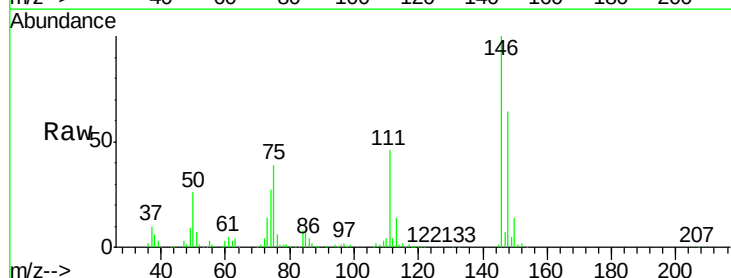
Instrument :
 BNA_M
 ClientSampleId :
 PB110836BS

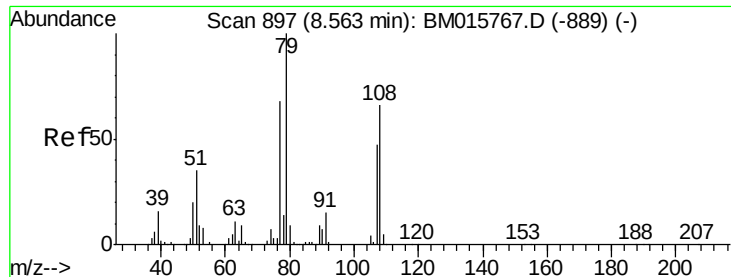
Tgt Ion:146 Resp: 366644
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.9 77.9
 111 44.0 29.2 43.8#



#14
 1,2-Dichlorobenzene
 Concen: 33.868 ng
 RT: 8.66 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Tgt Ion:146 Resp: 352144
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.3 78.5
 111 46.5 30.6 45.8#





#15

Benzyl Alcohol

Concen: 33.476 ng

RT: 8.56 min Scan# 896

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

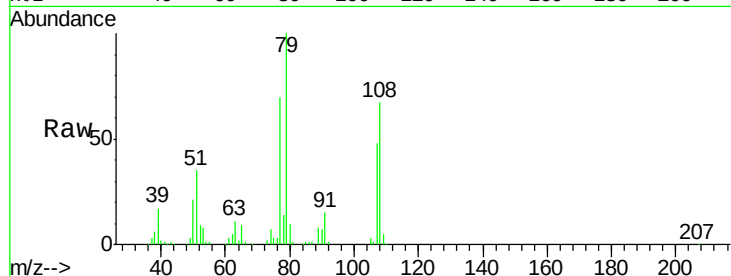
Tgt Ion: 79 Resp: 310854

Ion Ratio Lower Upper

79 100

108 67.3 65.0 97.4

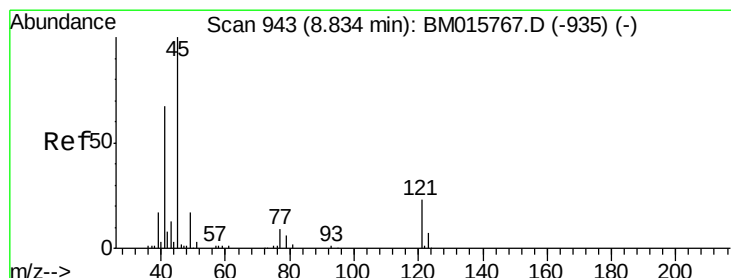
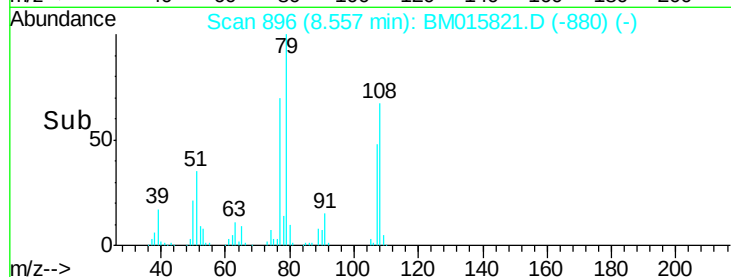
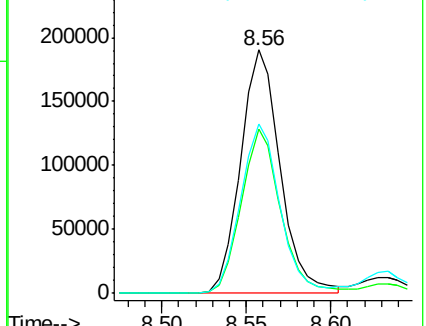
77 69.8 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM015767.D (-889) (-)

Ion 108.00 (107.70 to 108.70): BM015767.D (-889) (-)

Ion 77.00 (76.70 to 77.70): BM015767.D (-889) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.344 ng

RT: 8.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

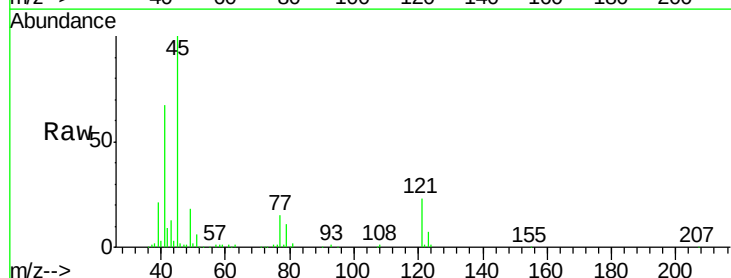
Tgt Ion: 45 Resp: 452056

Ion Ratio Lower Upper

45 100

77 14.5 0.0 35.2

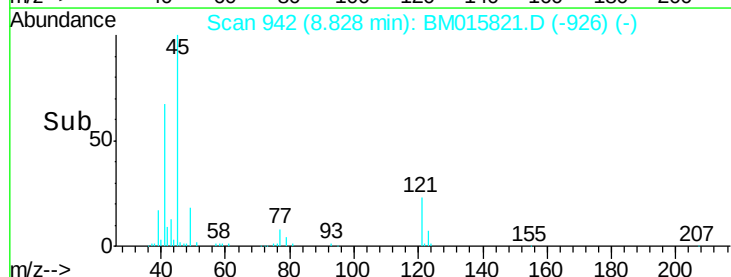
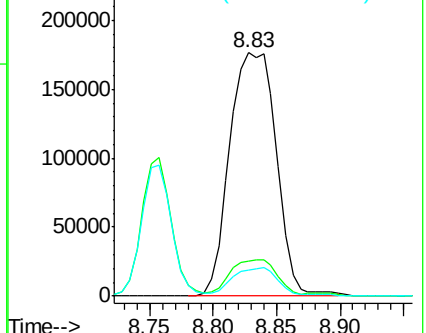
79 10.9 0.0 32.0

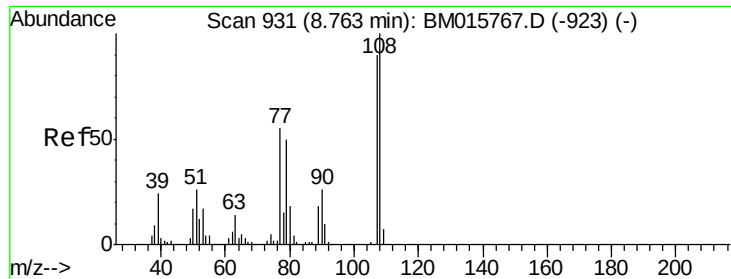


Abundance Ion 45.00 (44.70 to 45.70): BM015767.D (-935) (-)

Ion 77.00 (76.70 to 77.70): BM015767.D (-935) (-)

Ion 79.00 (78.70 to 79.70): BM015767.D (-935) (-)

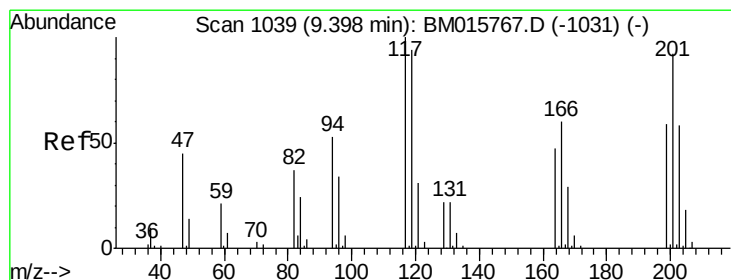
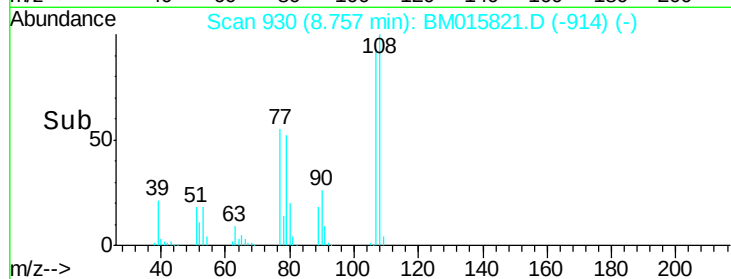
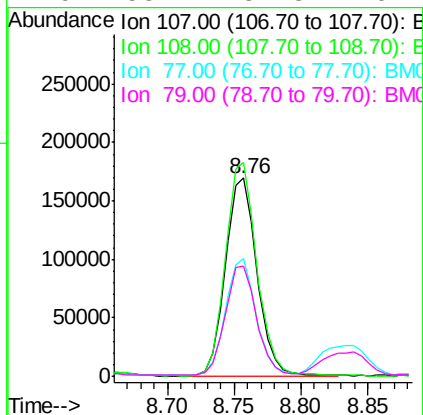
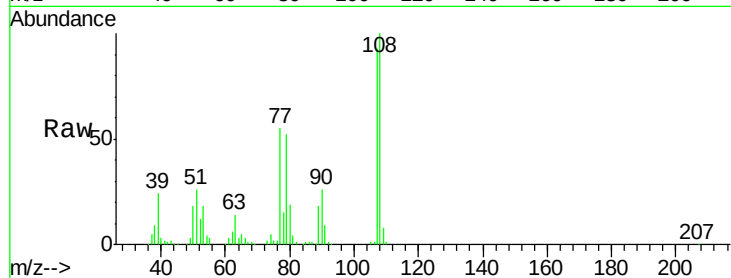




#17
2-Methylphenol
Concen: 37.647 ng
RT: 8.76 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

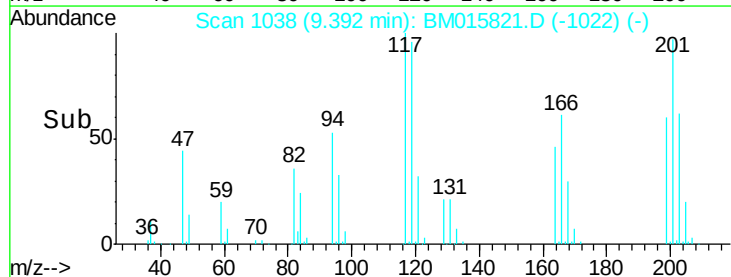
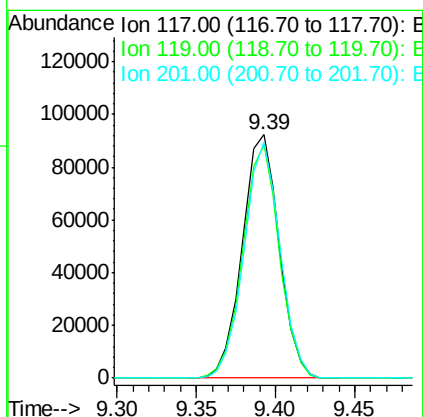
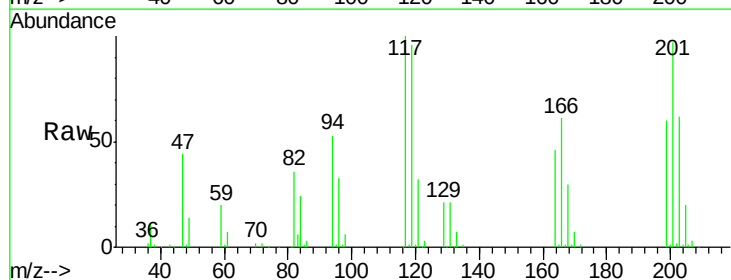
Instrument :
BNA_M
ClientSampled :
PB110836BS

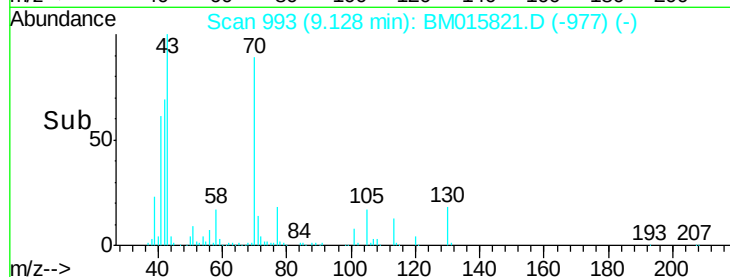
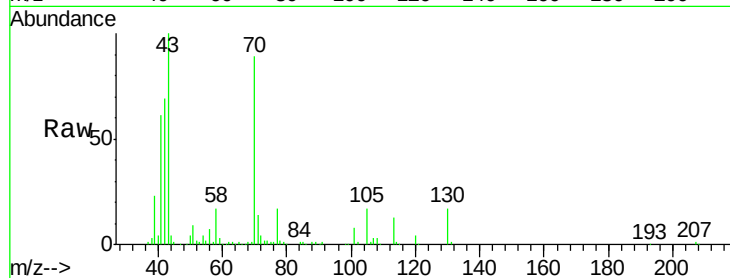
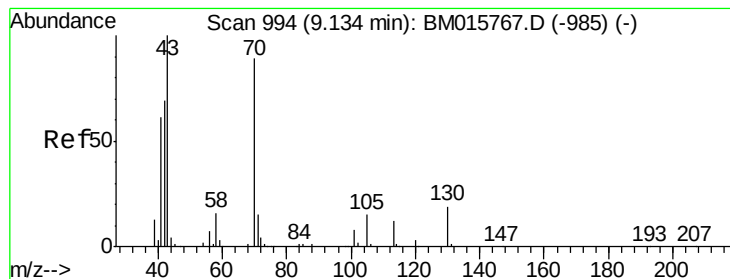
Tgt Ion:107 Resp: 280322
Ion Ratio Lower Upper
107 100
108 107.7 89.8 134.8
77 59.3 32.6 48.8#
79 55.7 32.8 49.2#



#18
Hexachloroethane
Concen: 35.193 ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion:117 Resp: 149610
Ion Ratio Lower Upper
117 100
119 95.7 79.2 118.8
201 97.1 69.8 104.6





#19

n-Nitroso-di-n-propylamine

Concen: 30.754 ng

RT: 9.13 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

Tgt Ion: 70 Resp: 264365

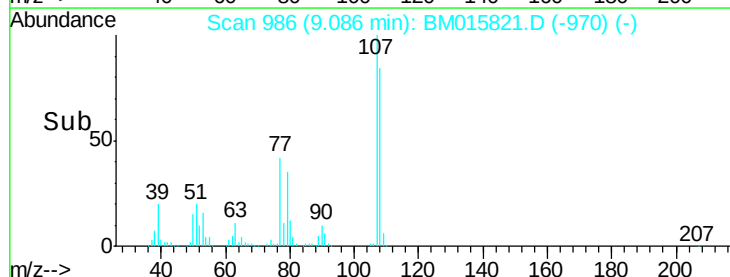
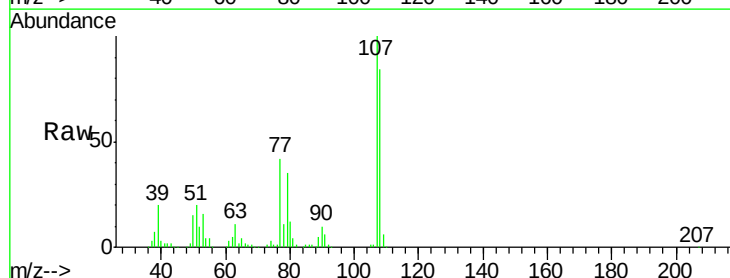
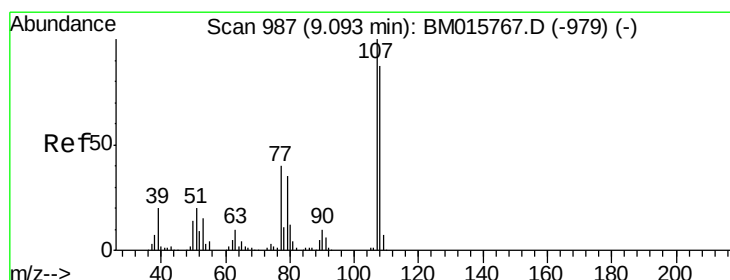
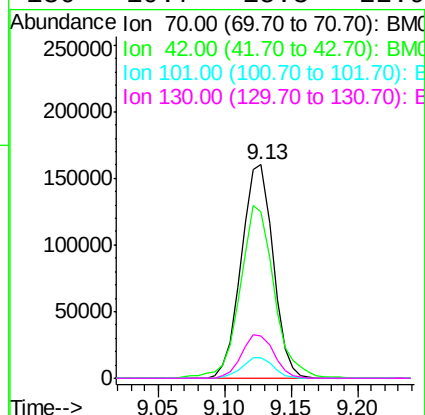
Ion Ratio Lower Upper

70 100

42 77.7 44.5 66.7#

101 9.4 7.4 11.2

130 19.7 15.3 22.9



#20

3+4-Methylphenols

Concen: 36.028 ng

RT: 9.09 min Scan# 986

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Tgt Ion: 107 Resp: 372624

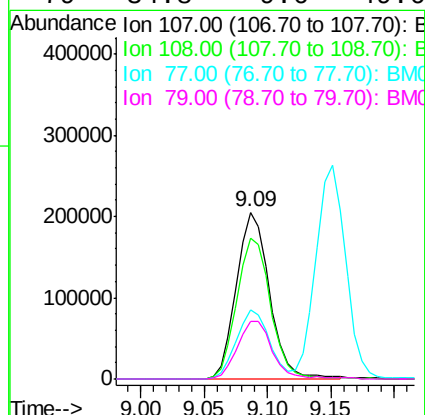
Ion Ratio Lower Upper

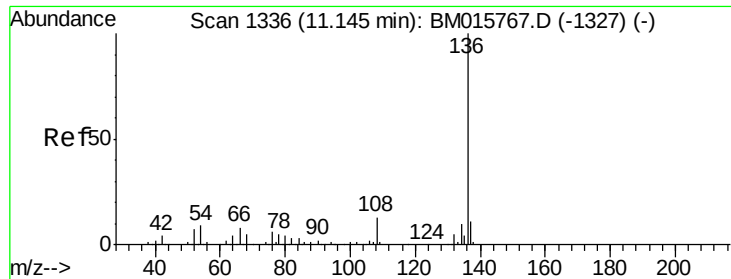
107 100

108 84.5 73.2 113.2

77 41.8 10.7 50.7

79 34.8 9.6 49.6

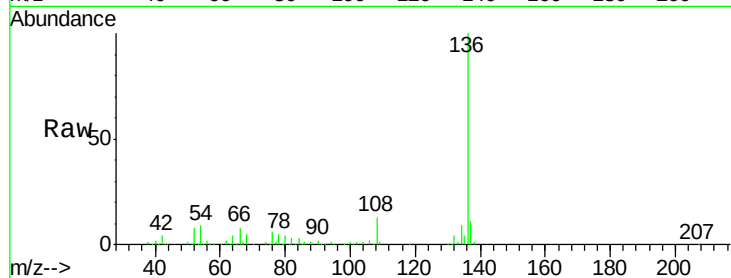




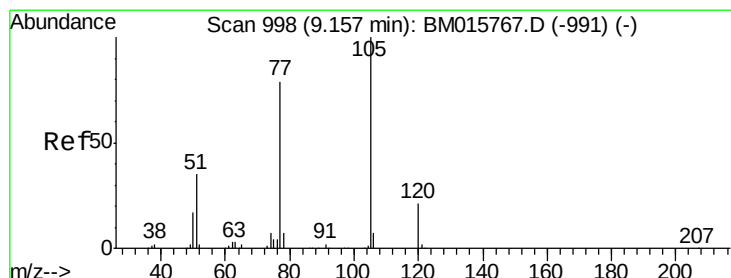
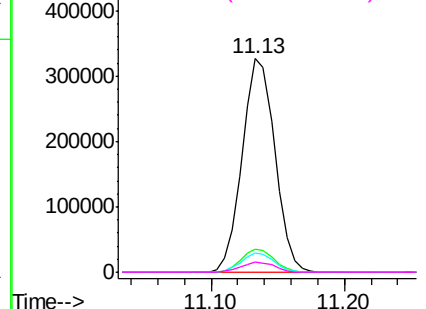
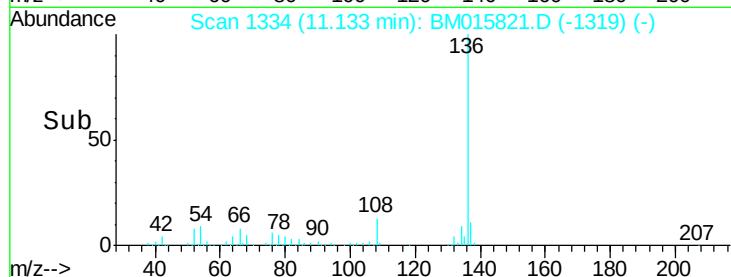
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

Tgt Ion:	136	Resp:	553488
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.1	4.6	6.8#
68	5.0	3.7	5.5

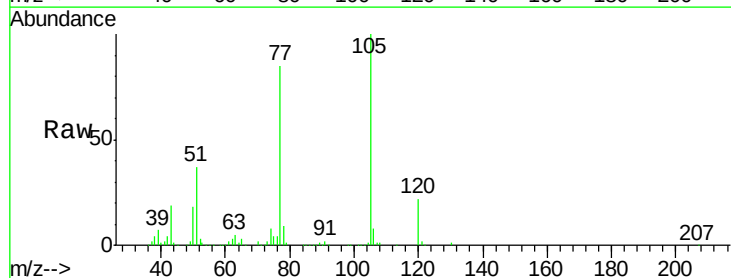


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

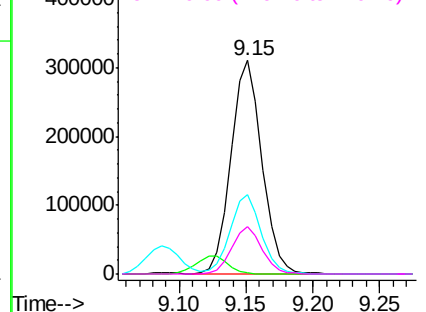
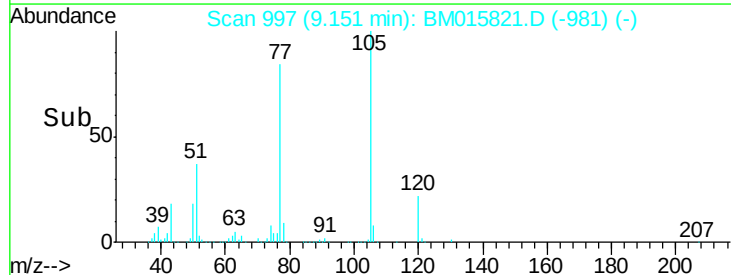


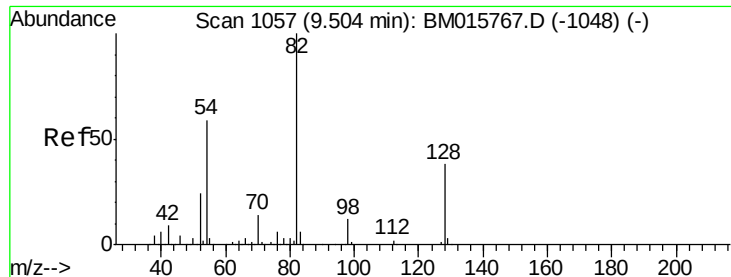
#22
Acetophenone
Concen: 34.656 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion:	105	Resp:	499682
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.6	1.0#
51	37.0	21.6	32.4#
120	22.0	16.1	24.1



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

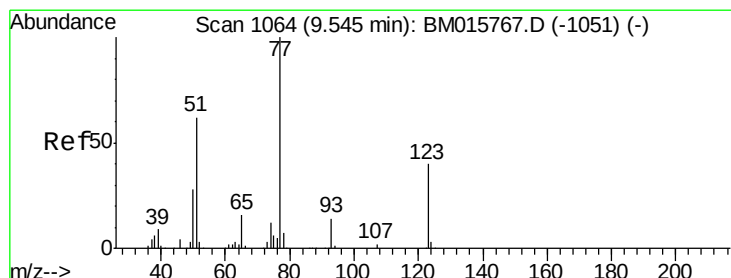
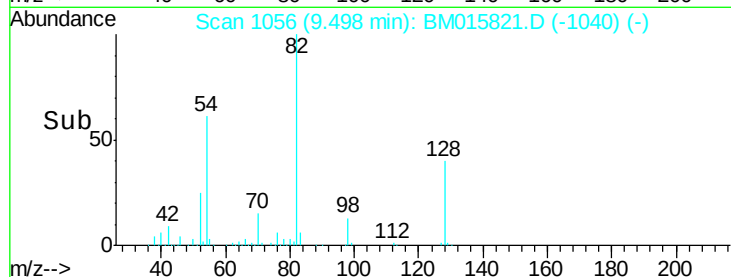
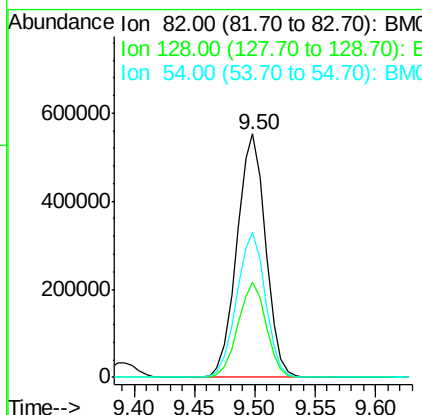
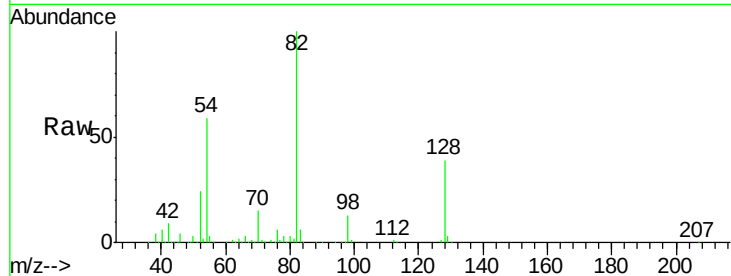




#23
 Nitrobenzene-d5
 Concen: 34.656 ng
 RT: 9.50 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

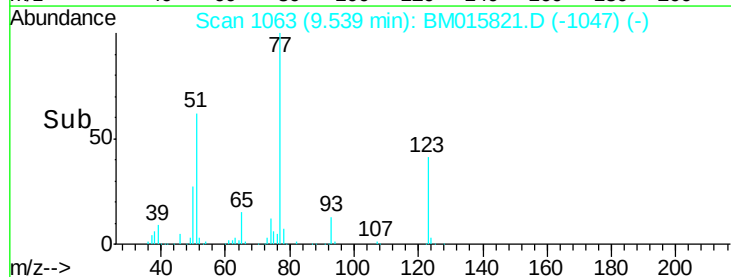
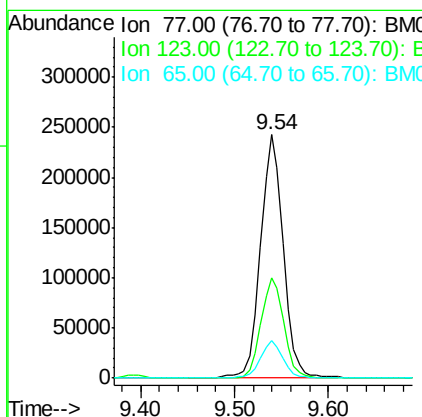
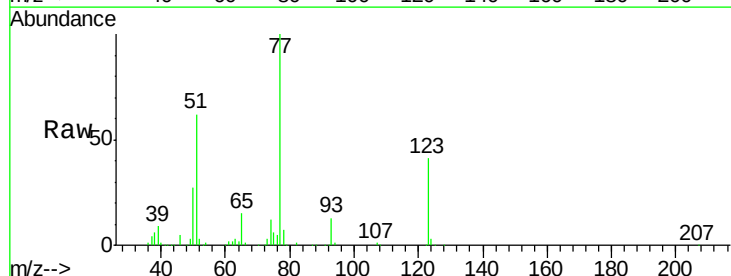
Instrument :
 BNA_M
 ClientSampleId :
 PB110836BS

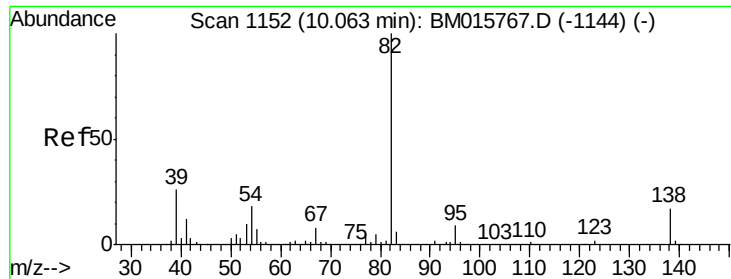
Tgt Ion: 82 Resp: 917694
 Ion Ratio Lower Upper
 82 100
 128 39.1 32.8 49.2
 54 59.4 40.6 60.8



#24
 Nitrobenzene
 Concen: 36.762 ng
 RT: 9.54 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Tgt Ion: 77 Resp: 405948
 Ion Ratio Lower Upper
 77 100
 123 41.1 32.6 49.0
 65 15.4 10.9 16.3





#25

Isophorone

Concen: 39.079 ng

RT: 10.06 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

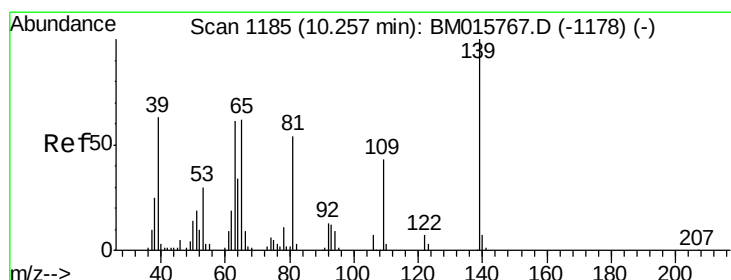
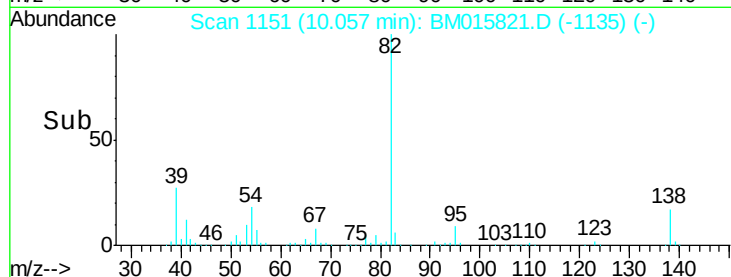
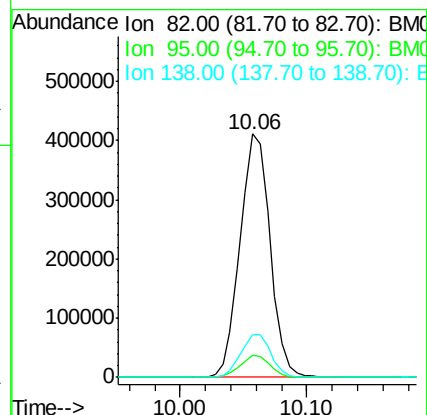
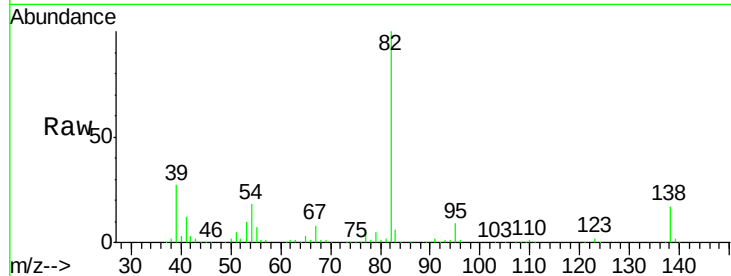
Tgt Ion: 82 Resp: 676632

Ion Ratio Lower Upper

82 100

95 8.9 5.8 8.6#

138 17.3 16.3 24.5



#26

2-Nitrophenol

Concen: 38.125 ng

RT: 10.25 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

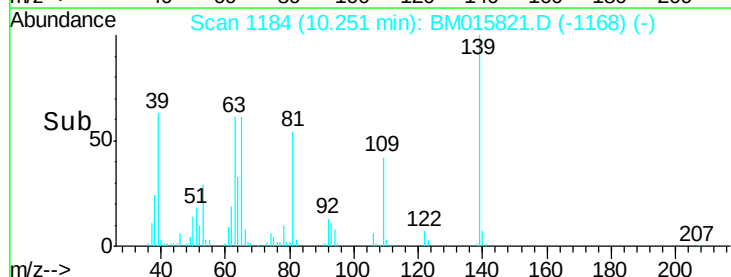
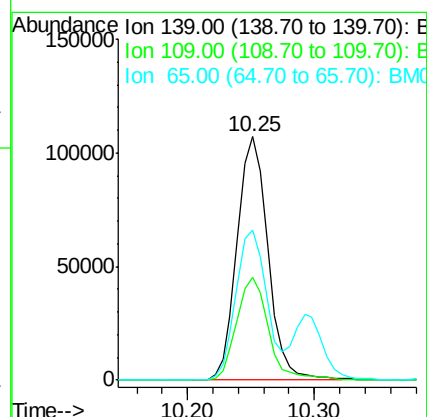
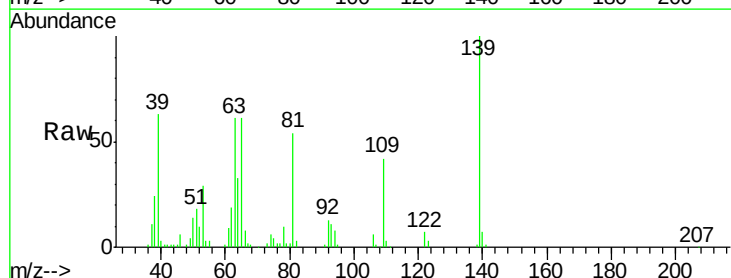
Tgt Ion: 139 Resp: 181282

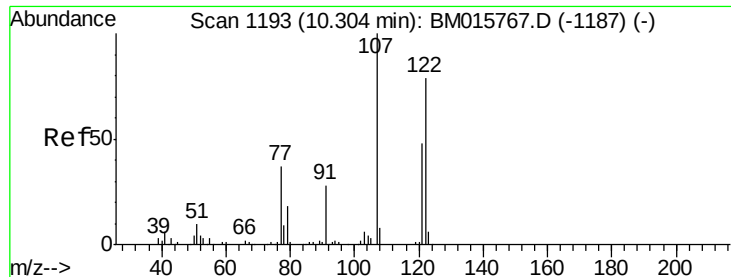
Ion Ratio Lower Upper

139 100

109 42.0 20.1 30.1#

65 61.4 31.5 47.3#

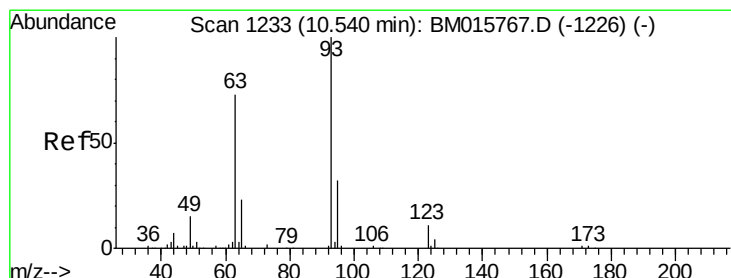
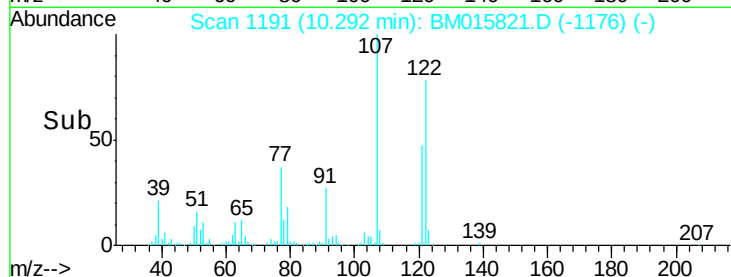
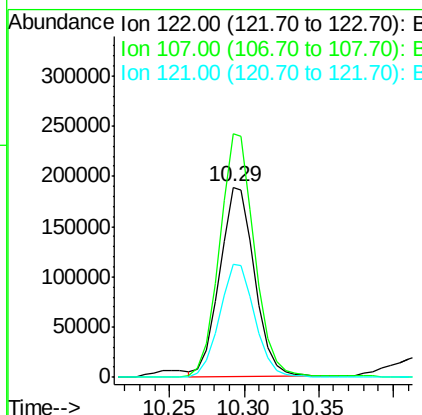
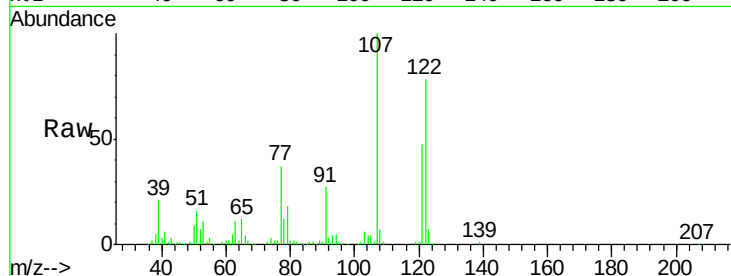




#27
2,4-Dimethylphenol
Concen: 42.770 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

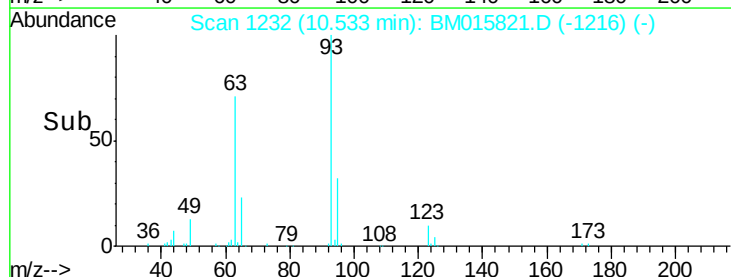
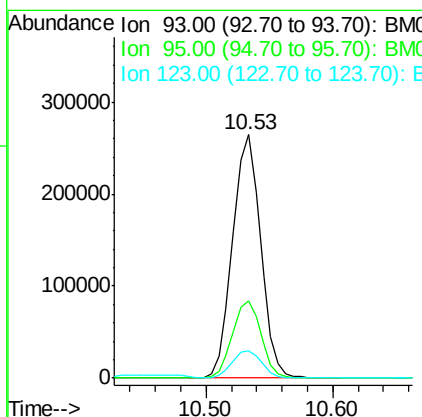
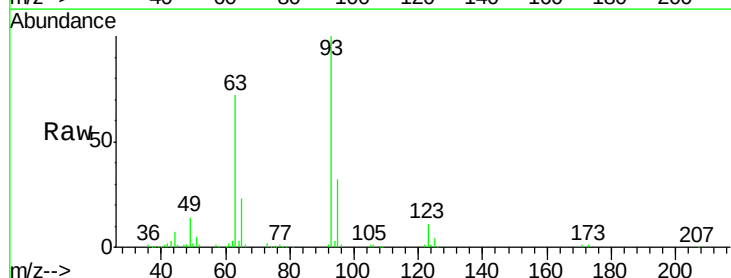
Instrument :
BNA_M
ClientSampleId :
PB110836BS

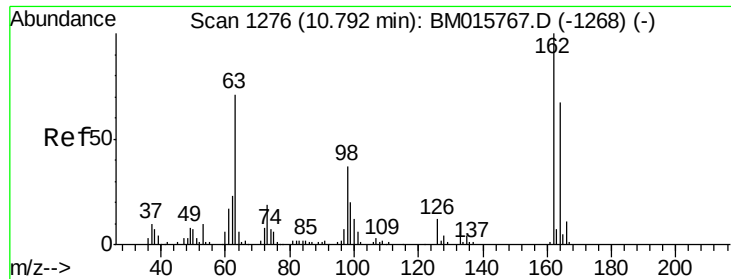
Tgt Ion:122 Resp: 308953
Ion Ratio Lower Upper
122 100
107 127.9 84.7 127.1#
121 59.7 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 35.957 ng
RT: 10.53 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion: 93 Resp: 405610
Ion Ratio Lower Upper
93 100
95 31.5 25.5 38.3
123 11.4 8.6 13.0

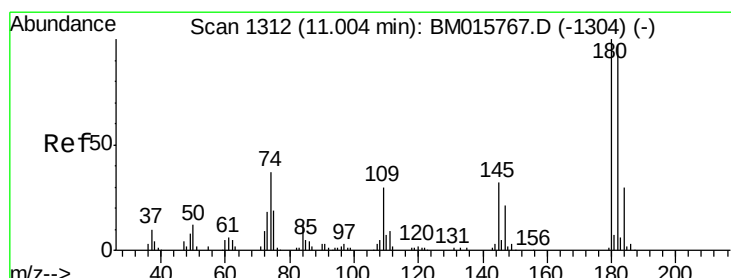
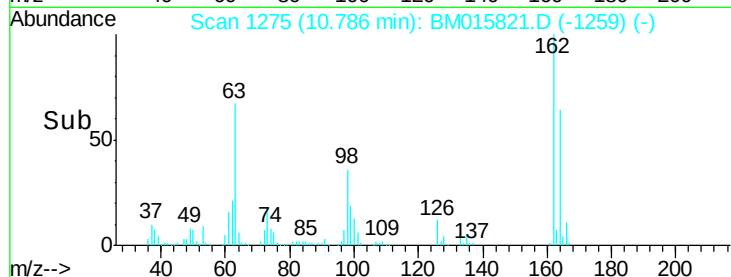
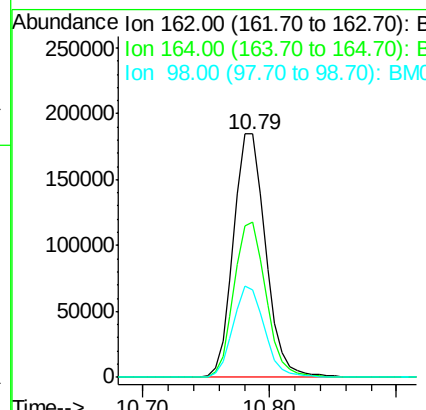
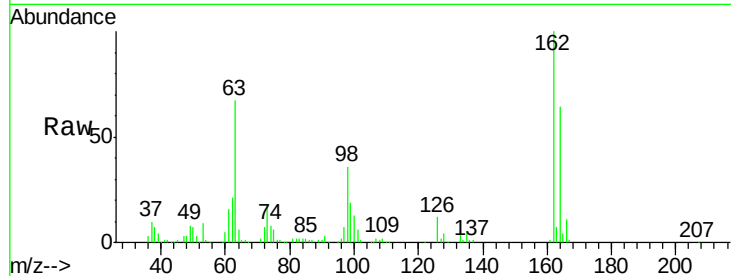




#29
 2,4-Dichlorophenol
 Concen: 40.689 ng
 RT: 10.79 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

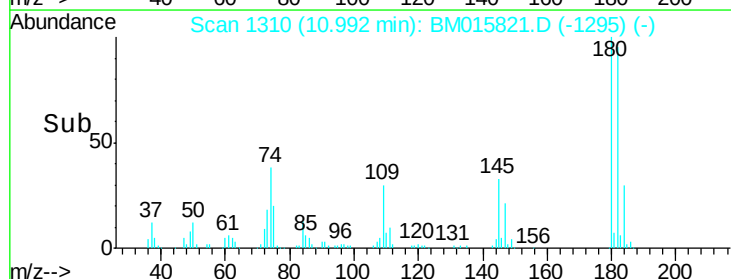
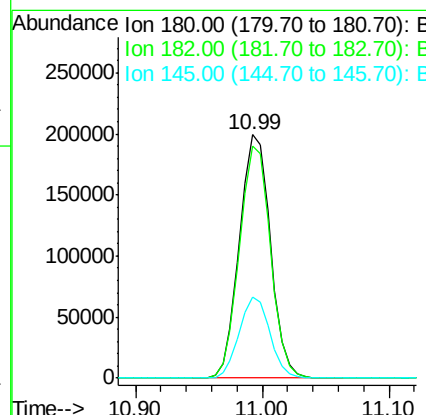
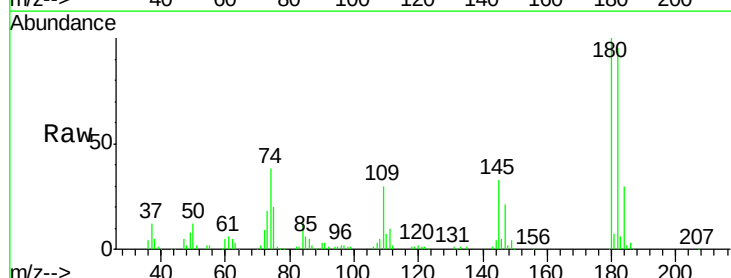
Instrument :
 BNA_M
 ClientSampleID :
 PB110836BS

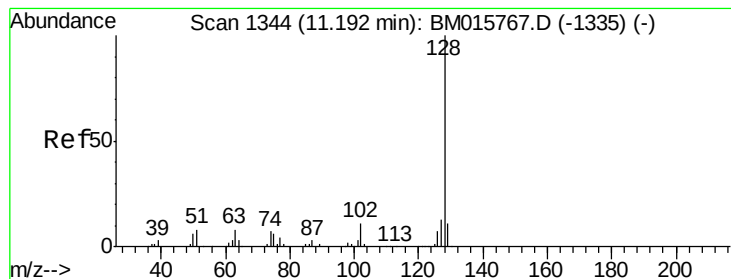
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.8	82.8
98	36.1	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 36.323 ng
 RT: 10.99 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.6	116.4
145	33.2	23.4	35.2

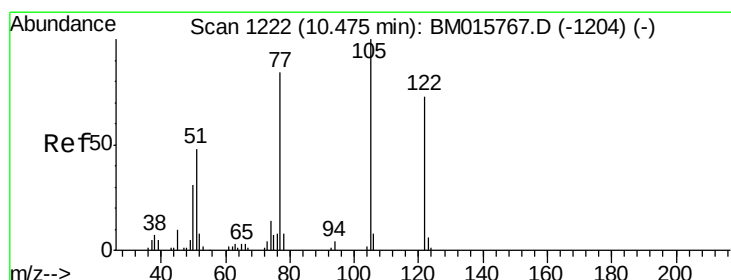
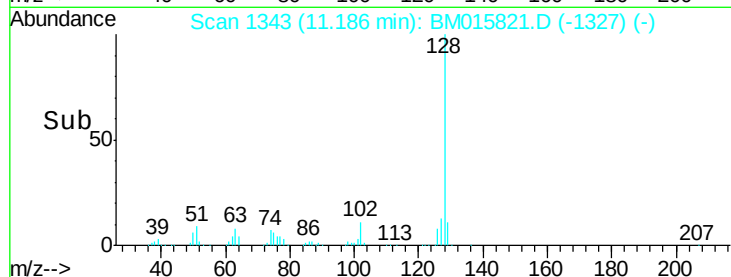
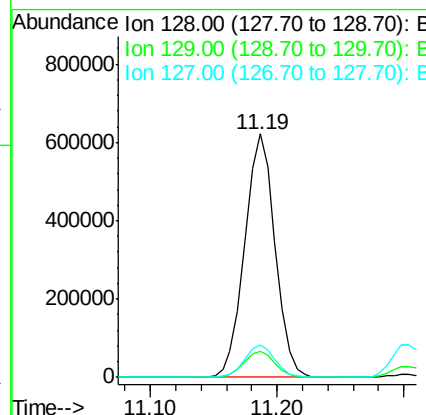
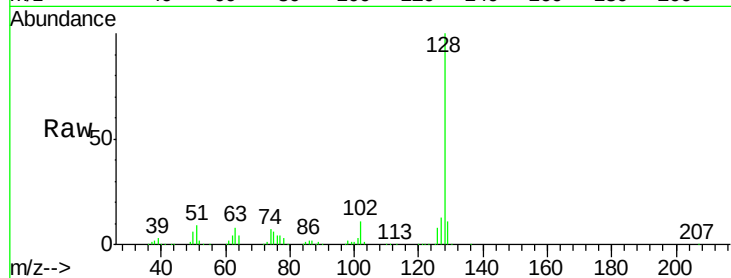




#31
Naphthalene
Concen: 35.971 ng
RT: 11.19 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

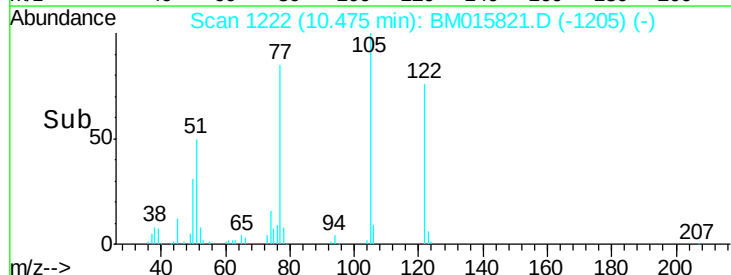
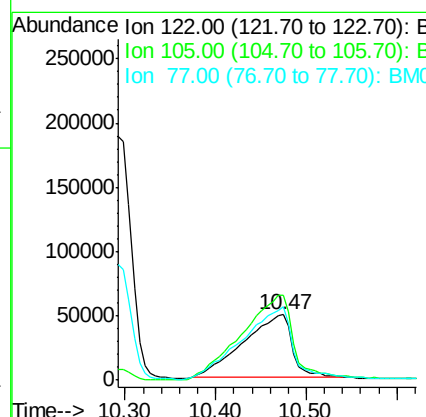
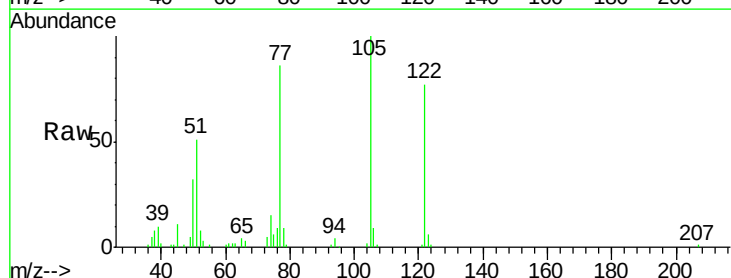
Instrument :
BNA_M
ClientSampleId :
PB110836BS

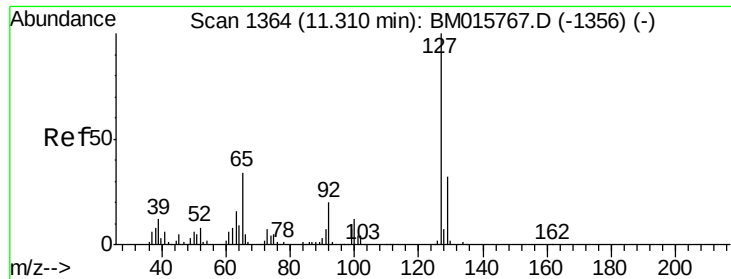
Tgt Ion:128 Resp: 1032229
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 29.226 ng
RT: 10.47 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion:122 Resp: 186913
Ion Ratio Lower Upper
122 100
105 129.9 99.9 139.9
77 112.1 73.7 113.7

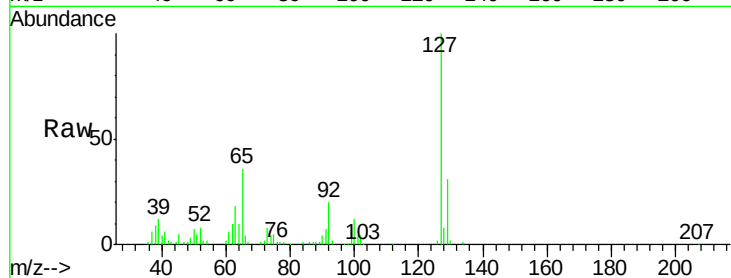




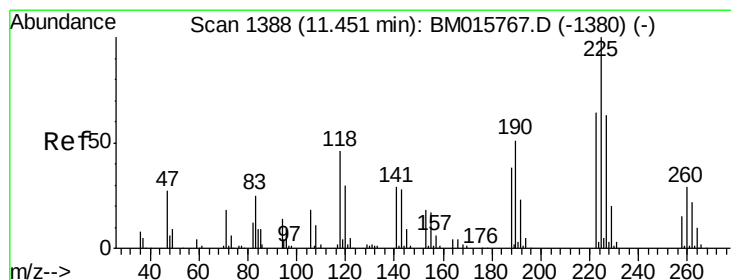
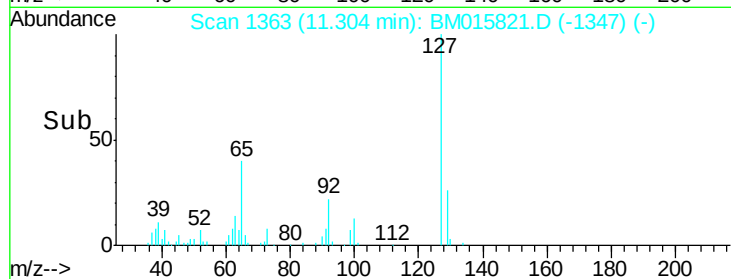
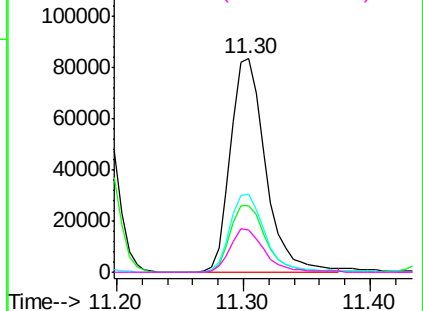
#33
4-Chloroaniline
Concen: 13.688 ng
RT: 11.30 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

Tgt Ion:127 Resp: 160151
Ion Ratio Lower Upper
127 100
129 31.1 25.3 37.9
65 36.5 17.6 26.4#
92 20.1 13.1 19.7#

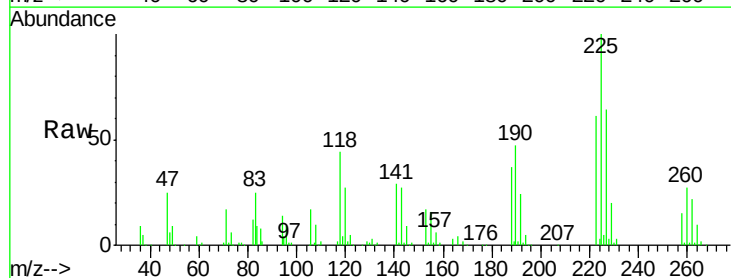


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

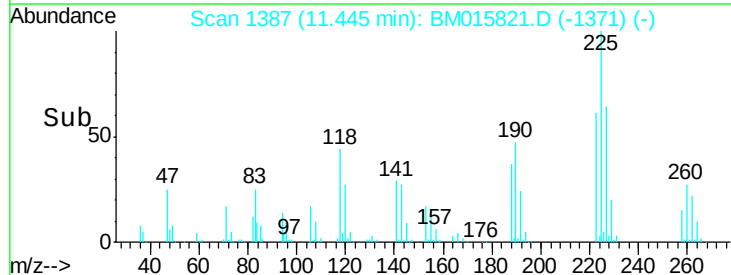
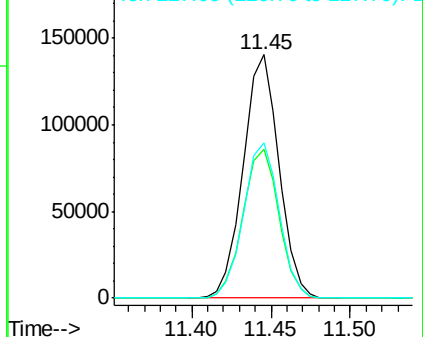


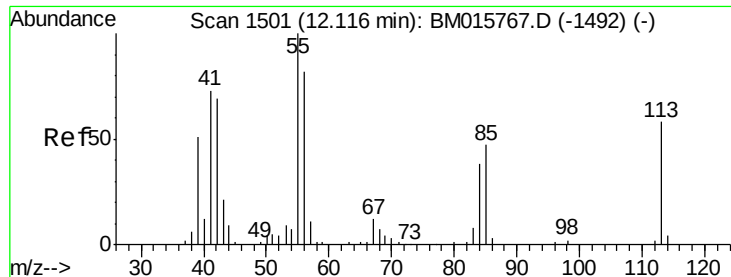
#34
Hexachlorobutadiene
Concen: 35.472 ng
RT: 11.45 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion:225 Resp: 219979
Ion Ratio Lower Upper
225 100
223 61.2 47.9 71.9
227 63.7 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

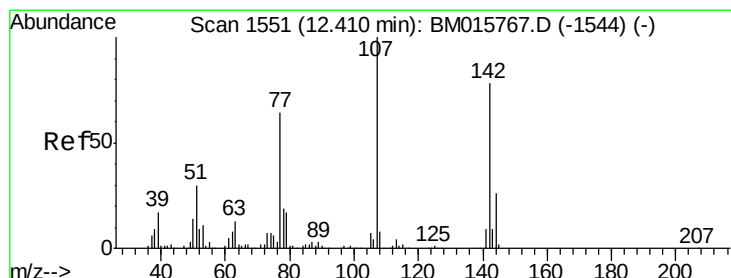
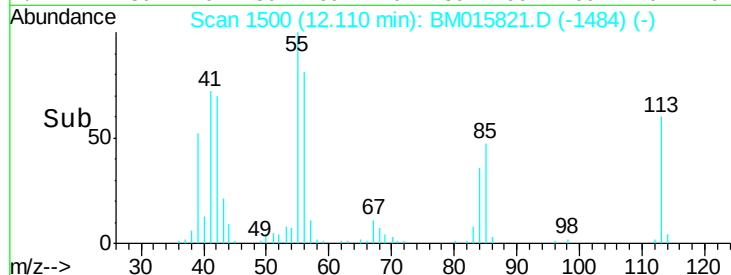
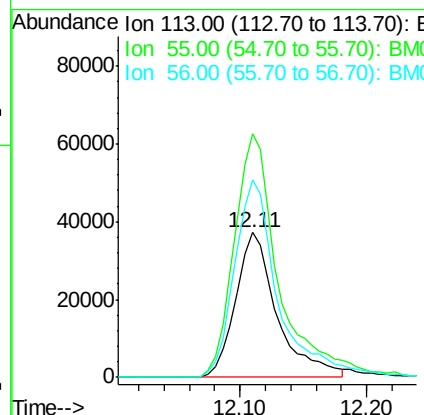
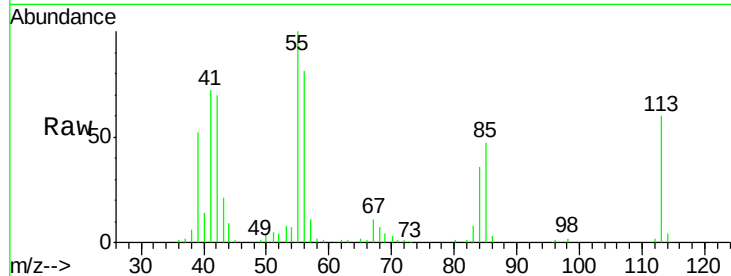




#35
 Caprolactam
 Concen: 31.870 ng
 RT: 12.11 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

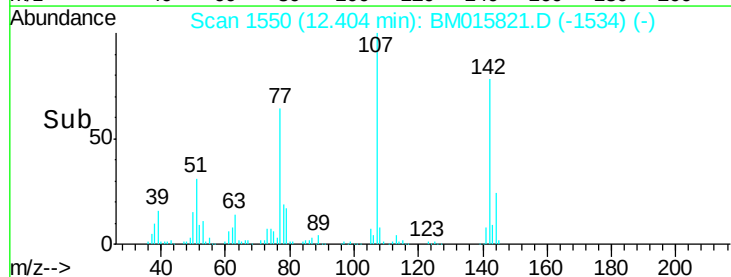
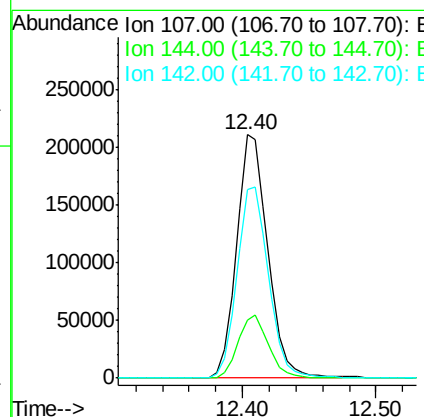
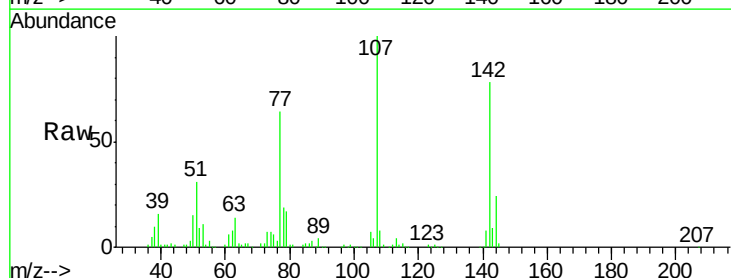
Instrument :
 BNA_M
 ClientSampleId :
 PB110836BS

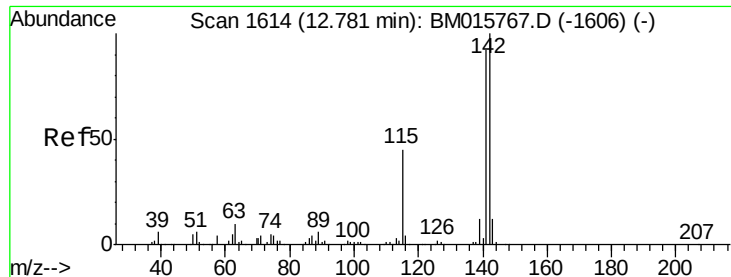
Tgt Ion:113 Resp: 84558
 Ion Ratio Lower Upper
 113 100
 55 168.0 145.9 185.9
 56 136.5 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 37.320 ng
 RT: 12.40 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Tgt Ion:107 Resp: 342590
 Ion Ratio Lower Upper
 107 100
 144 24.0 23.3 34.9
 142 77.5 72.6 109.0

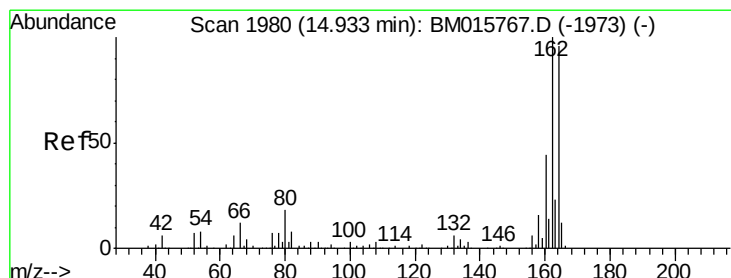
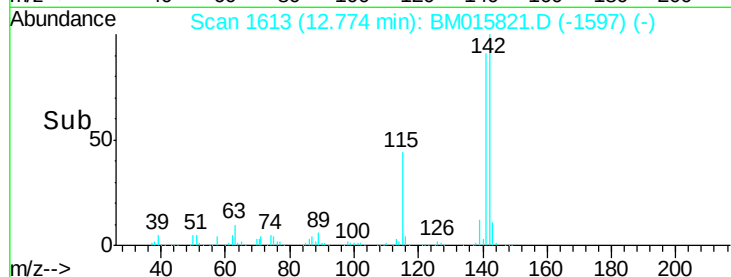
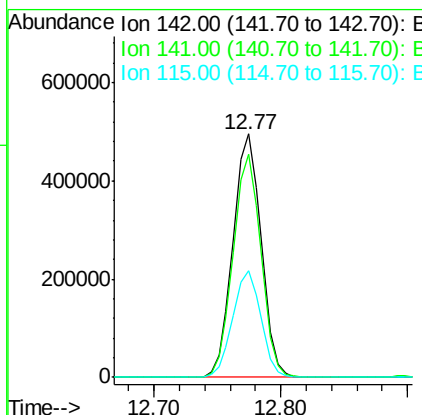
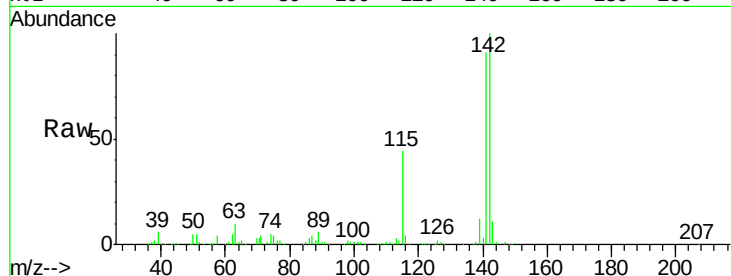




#37
 2-Methylnaphthalene
 Concen: 37.180 ng
 RT: 12.77 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

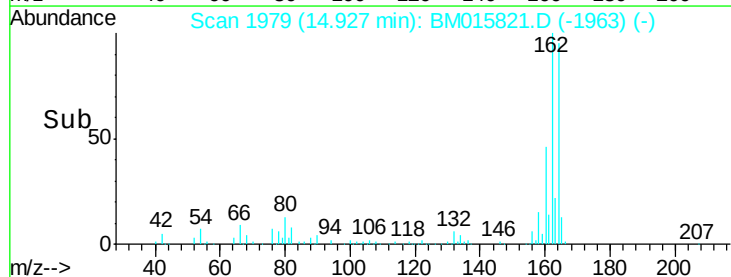
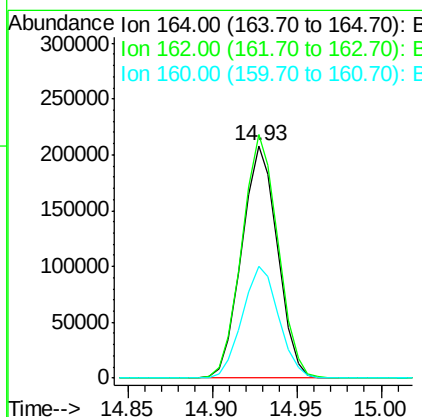
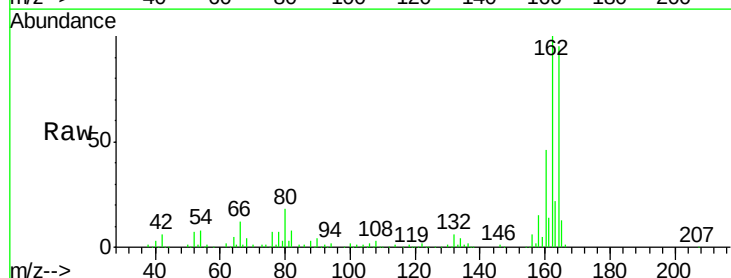
Instrument :
 BNA_M
 ClientSampleId :
 PB110836BS

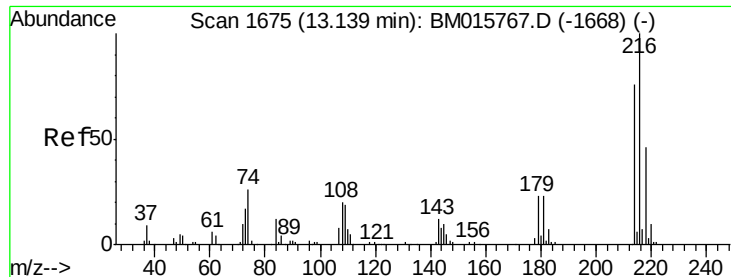
Tgt Ion:142 Resp: 758963
 Ion Ratio Lower Upper
 142 100
 141 91.4 71.9 107.9
 115 43.9 25.4 38.0#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.93 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Tgt Ion:164 Resp: 307025
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.4 123.6
 160 48.1 35.8 53.6

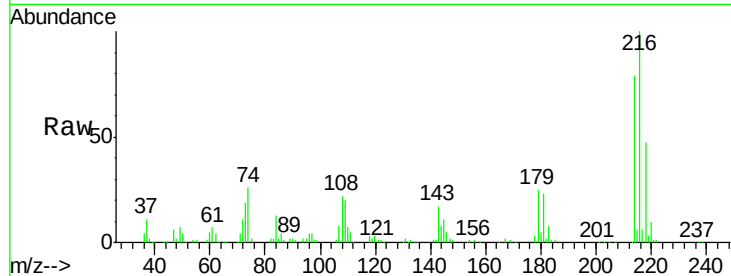




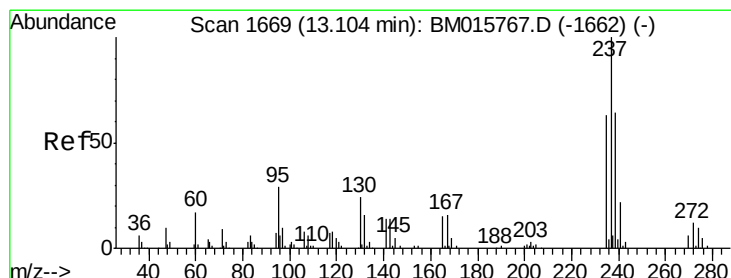
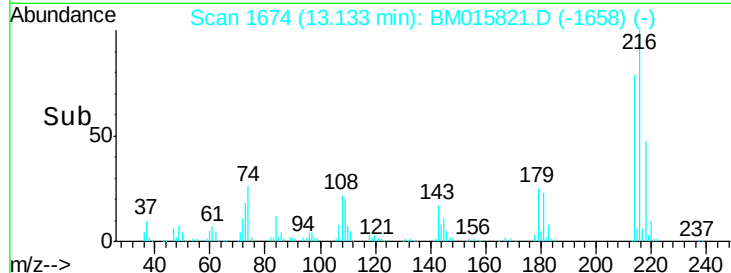
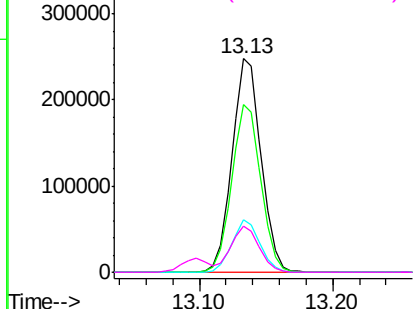
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.924 ng
 RT: 13.13 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Instrument :
 BNA_M
 ClientSampleId :
 PB110836BS

Tgt Ion: 216 Resp: 373711
 Ion Ratio Lower Upper
 216 100
 214 78.8 0.0 0.0#
 179 23.9 0.0 0.0#
 108 21.2 0.0 0.0#

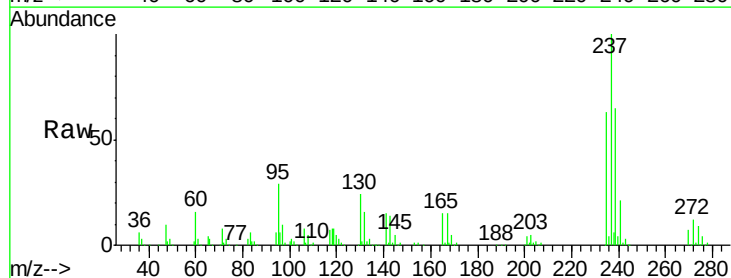


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

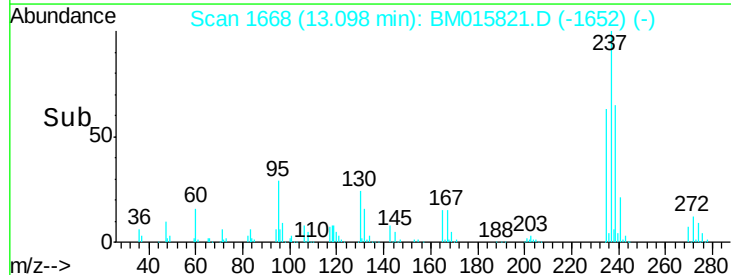
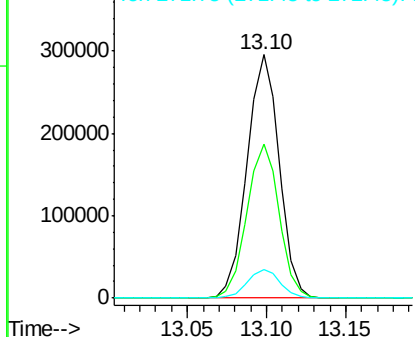


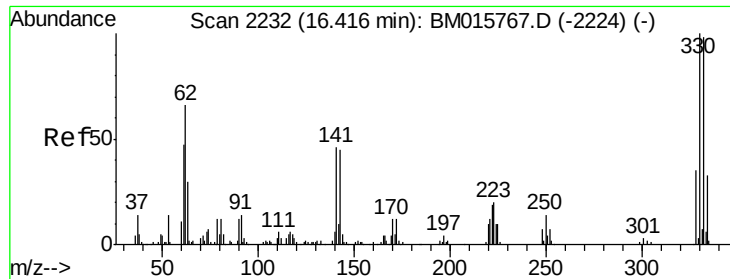
#40
 Hexachlorocyclopentadiene
 Concen: 89.416 ng
 RT: 13.10 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Tgt Ion: 237 Resp: 417235
 Ion Ratio Lower Upper
 237 100
 235 63.5 42.0 82.0
 272 11.8 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

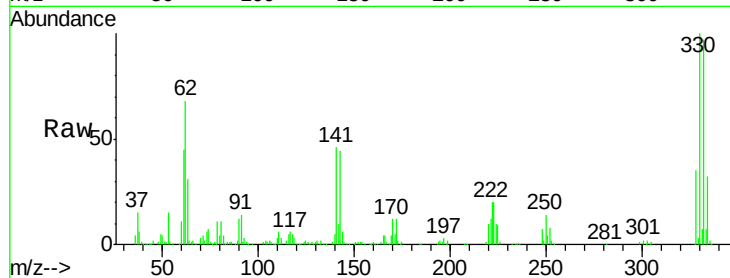




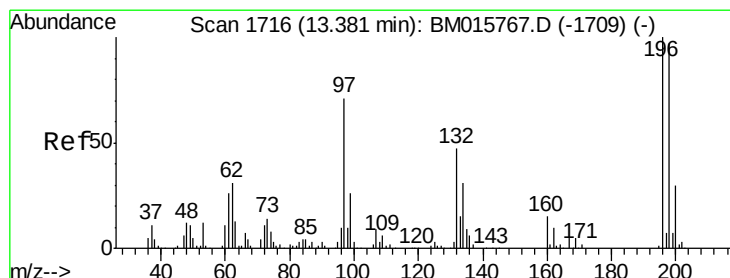
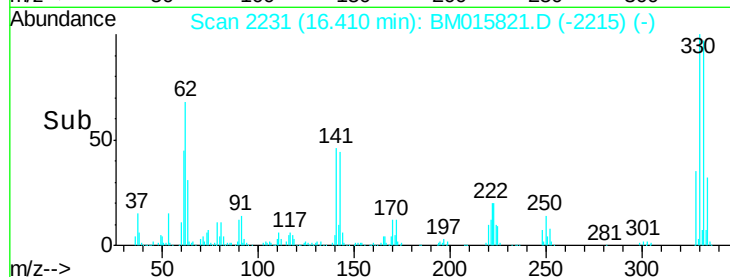
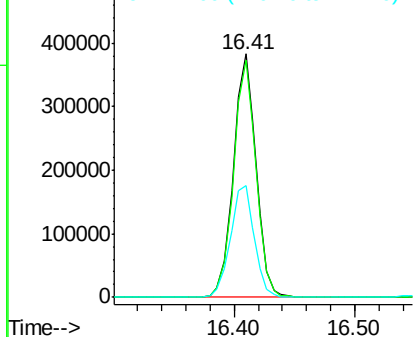
#41
 2,4,6-Tribromophenol
 Concen: 89.416 ng
 RT: 16.41 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Instrument :
 BNA_M
 ClientSampleId :
 PB110836BS

Tgt Ion:330 Resp: 499296
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 48.6 0.0 0.0#

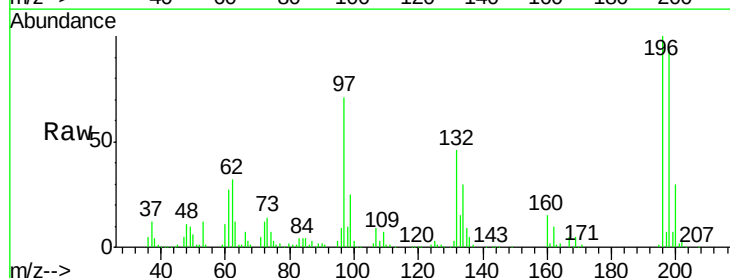


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

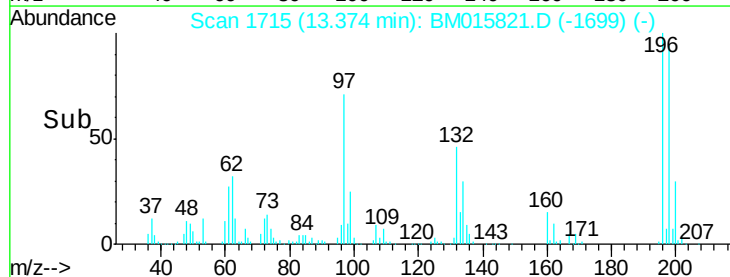
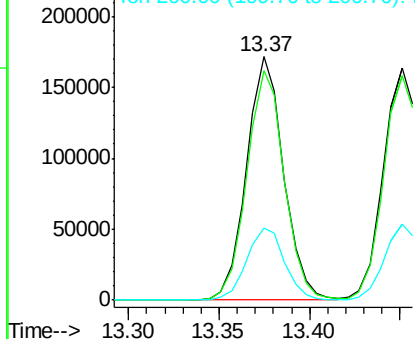


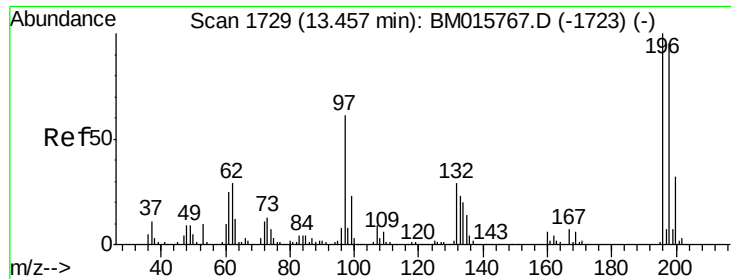
#42
 2,4,6-Trichlorophenol
 Concen: 39.149 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Tgt Ion:196 Resp: 243856
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.3 114.5
 200 29.8 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

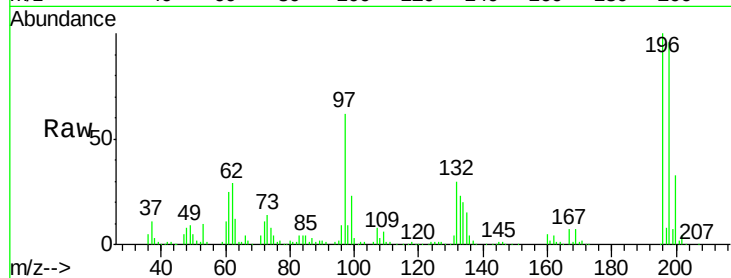




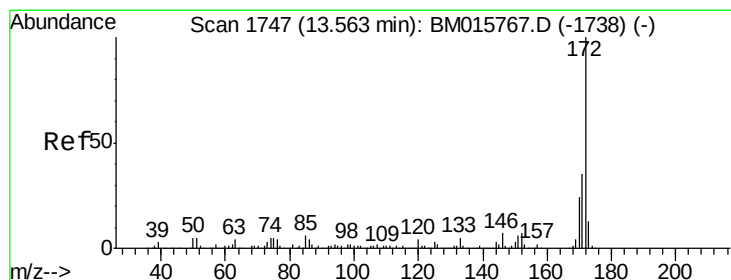
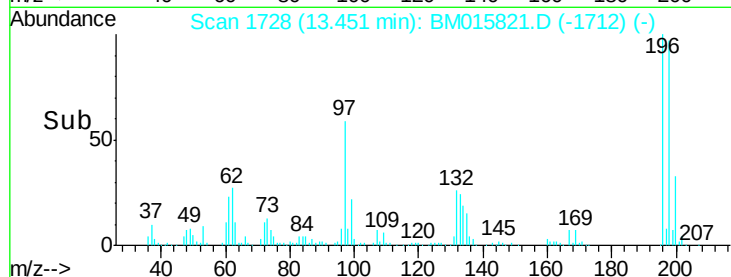
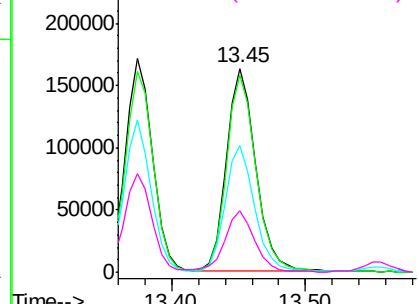
#43
2,4,5-Trichlorophenol
Concen: 37.317 ng
RT: 13.45 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
PB110836BS

Tgt Ion:196 Resp: 251101
Ion Ratio Lower Upper
196 100
198 96.5 79.4 119.0
97 62.4 26.8 40.2#
132 30.0 18.6 28.0#

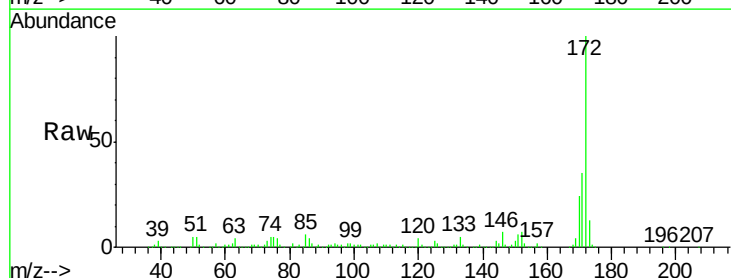


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BM
Ion 132.00 (131.70 to 132.70): E

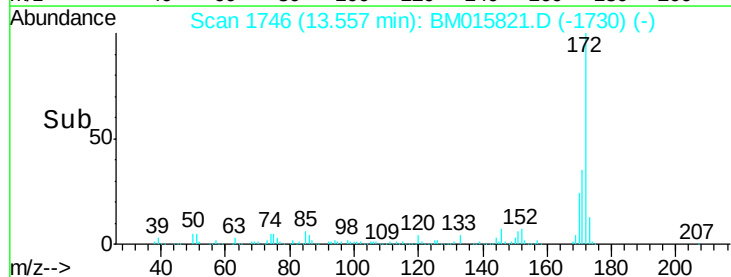
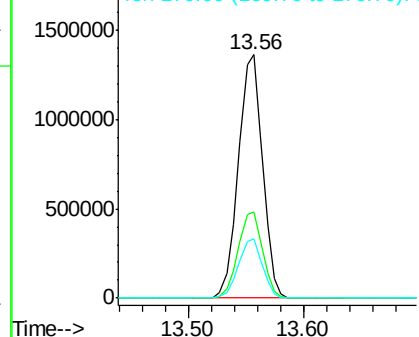


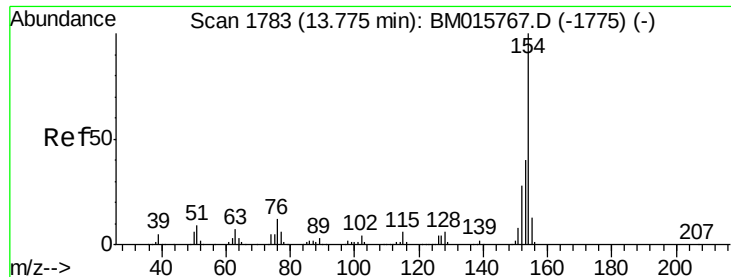
#44
2-Fluorobiphenyl
Concen: 37.317 ng
RT: 13.56 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion:172 Resp: 1976914
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 24.2 18.8 28.2



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

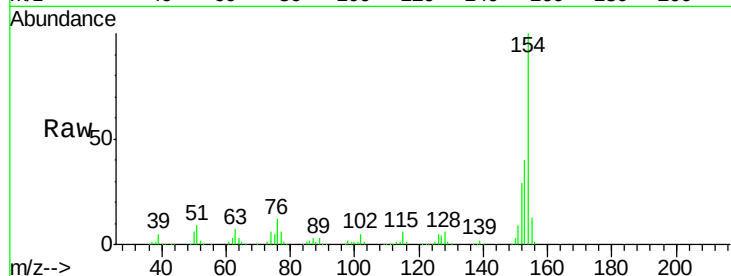




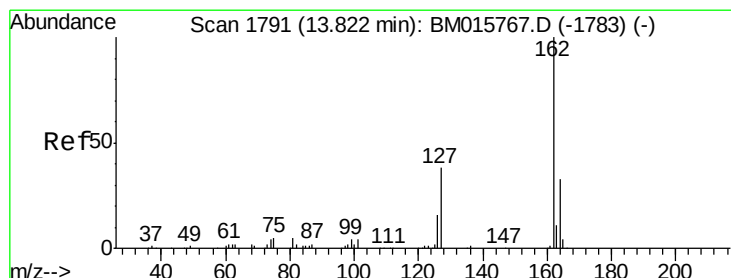
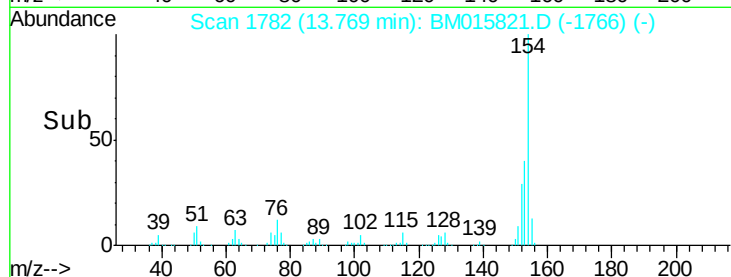
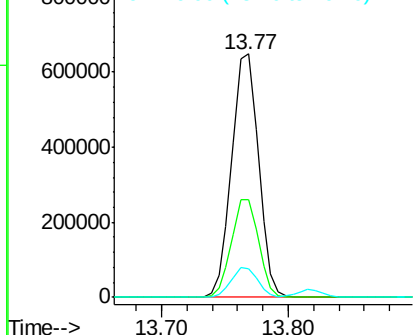
#45
 1,1'-Biphenyl
 Concen: 35.868 ng
 RT: 13.77 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Instrument :
 BNA_M
 ClientSampleId :
 PB110836BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.7	60.7
76	11.7	0.0	30.9

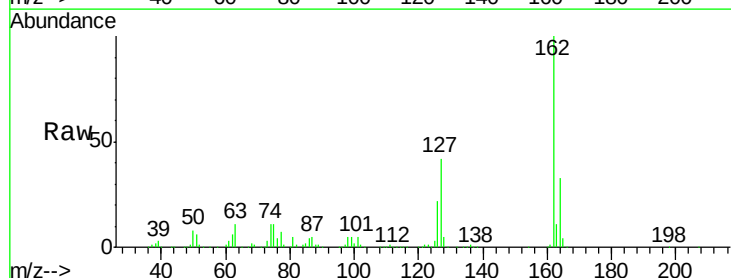


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

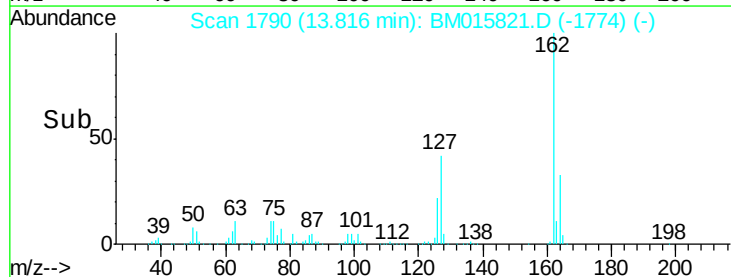
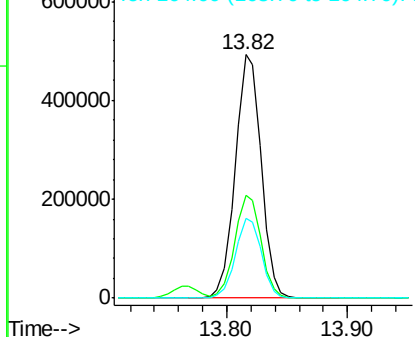


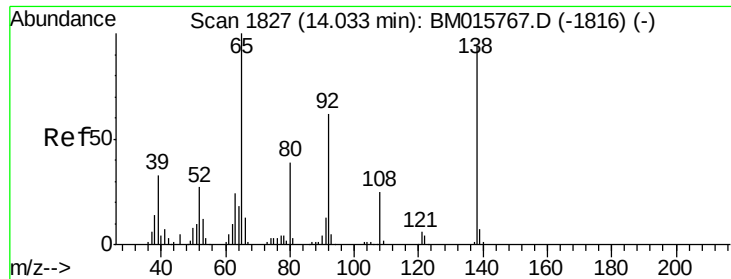
#46
 2-Chloronaphthalene
 Concen: 37.017 ng
 RT: 13.82 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.2	26.9	40.3#
164	32.8	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

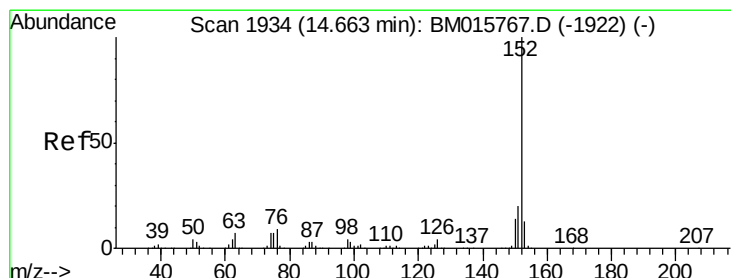
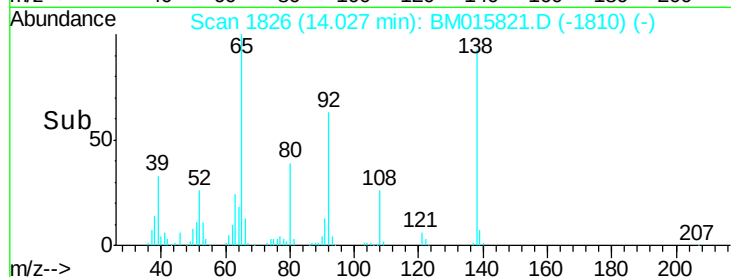
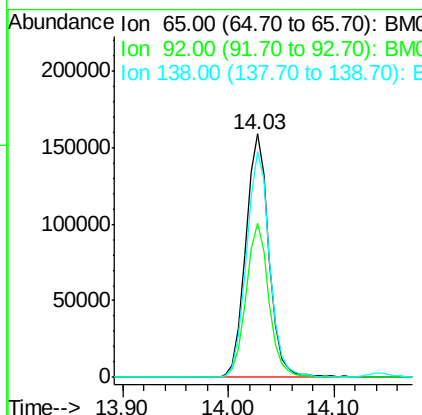
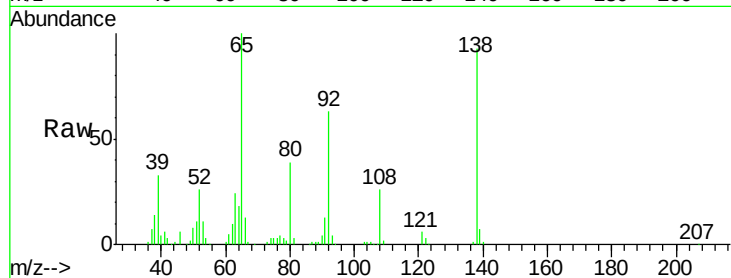




#47
2-Nitroaniline
Concen: 35.024 ng
RT: 14.03 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

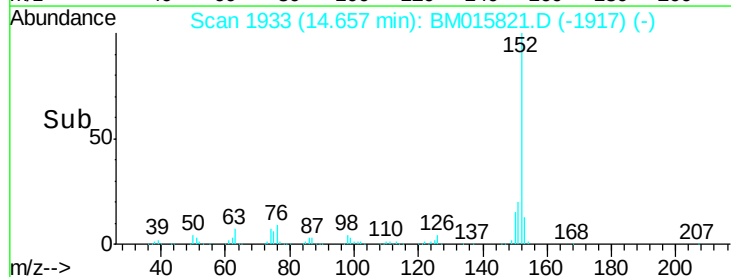
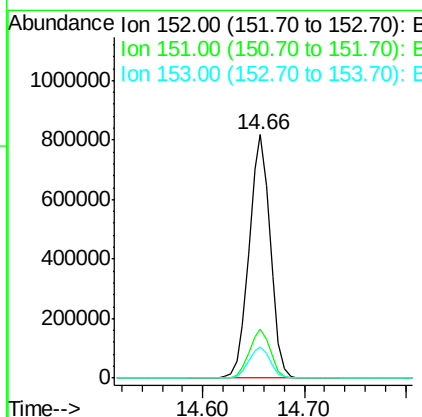
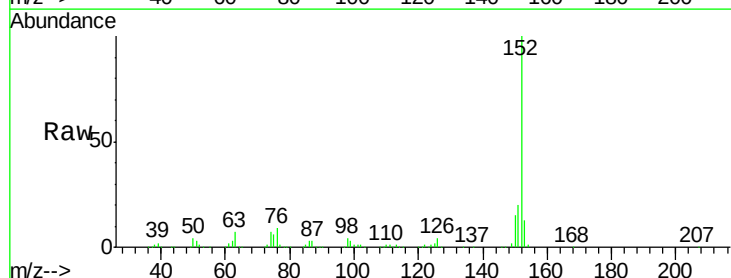
Instrument :
BNA_M
ClientSampleId :
PB110836BS

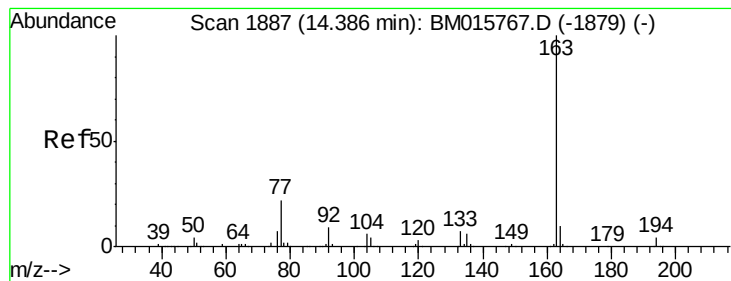
Tgt Ion: 65 Resp: 242408
Ion Ratio Lower Upper
65 100
92 63.2 59.1 88.7
138 92.9 93.9 140.9#



#48
Acenaphthylene
Concen: 36.585 ng
RT: 14.66 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion: 152 Resp: 1181209
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.0 10.6 16.0





#49

Dimethylphthalate

Concen: 34.379 ng

RT: 14.38 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

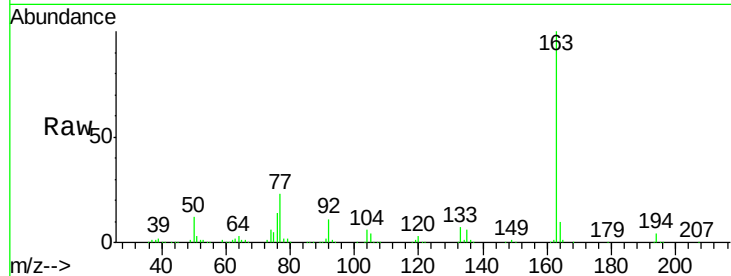
Tgt Ion:163 Resp: 930901

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

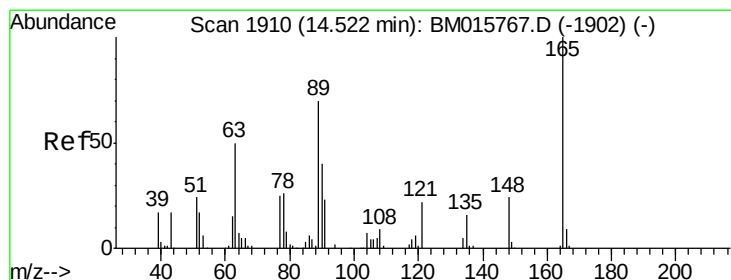
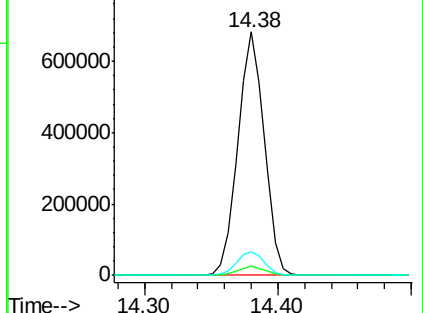
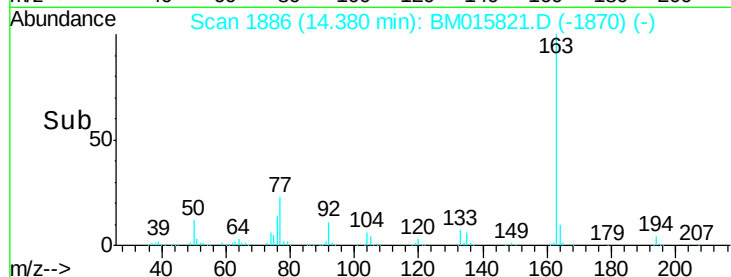
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.516 ng

RT: 14.52 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

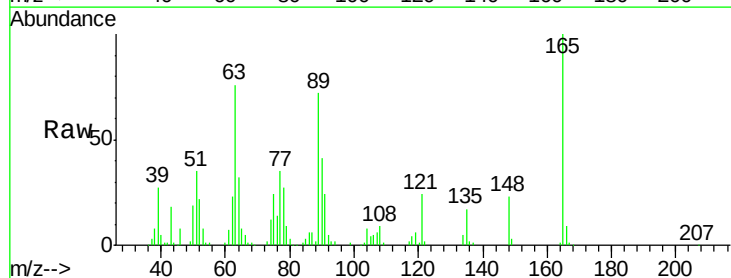
Tgt Ion:165 Resp: 192784

Ion Ratio Lower Upper

165 100

63 75.9 44.1 66.1#

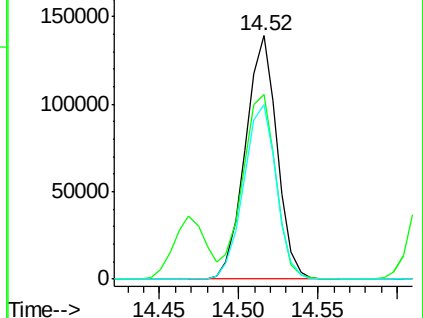
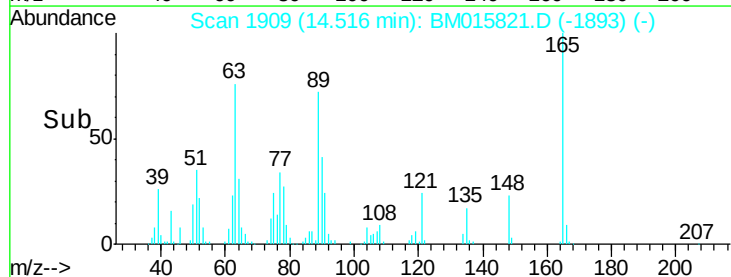
89 71.6 44.3 66.5#

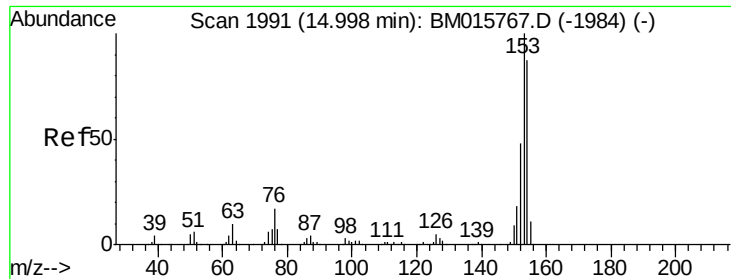


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 33.772 ng

RT: 14.99 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

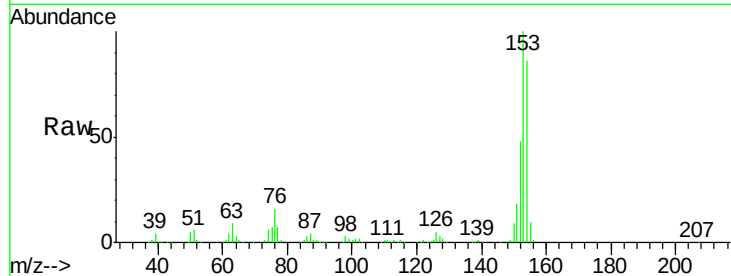
Tgt Ion:154 Resp: 678509

Ion Ratio Lower Upper

154 100

153 116.8 90.0 135.0

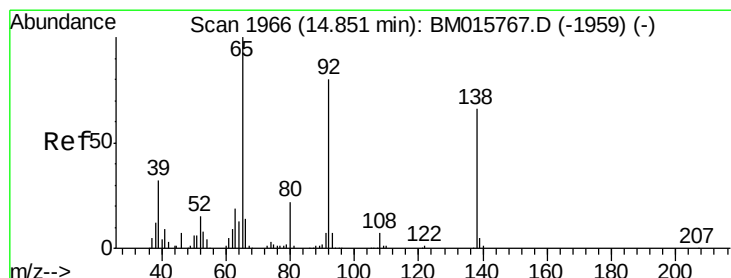
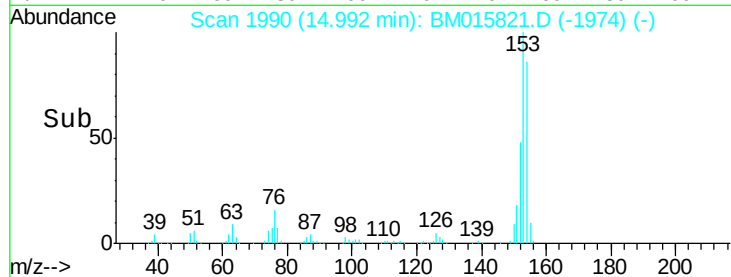
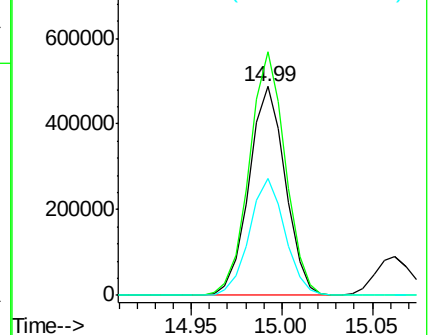
152 56.0 42.6 63.8



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: 17.662 ng

RT: 14.84 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

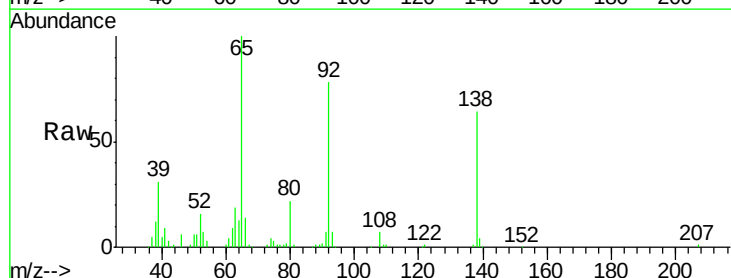
Tgt Ion:138 Resp: 102062

Ion Ratio Lower Upper

138 100

108 11.0 7.3 10.9#

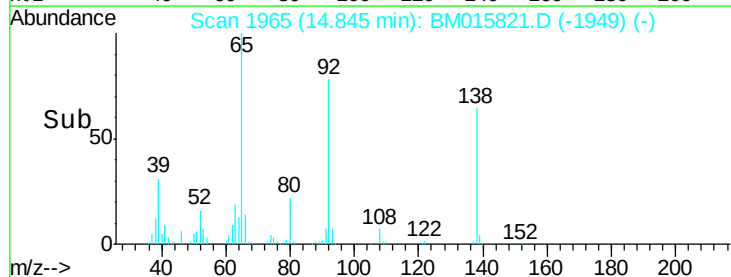
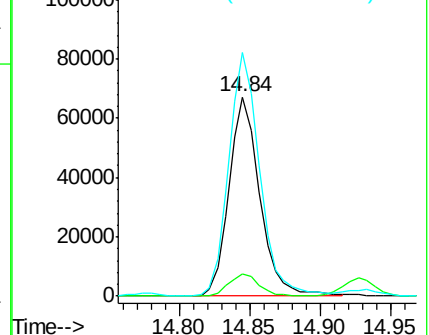
92 122.2 76.6 114.8#

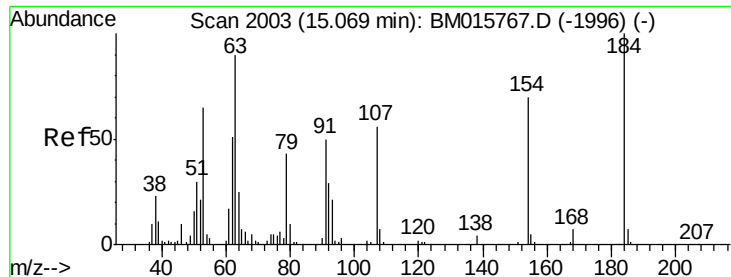


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

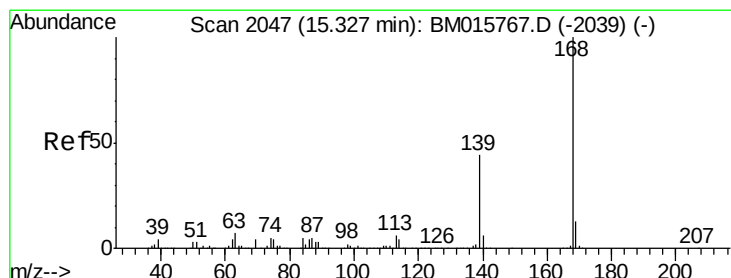
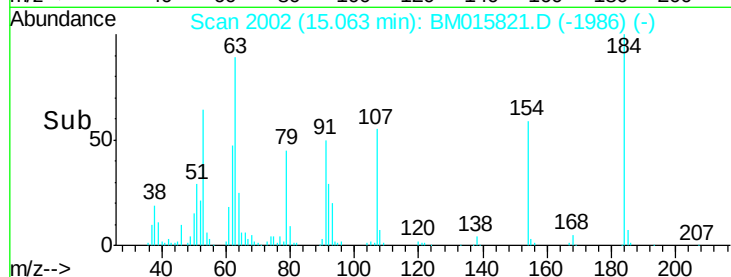
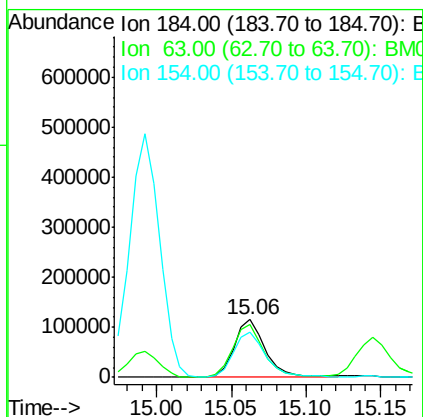
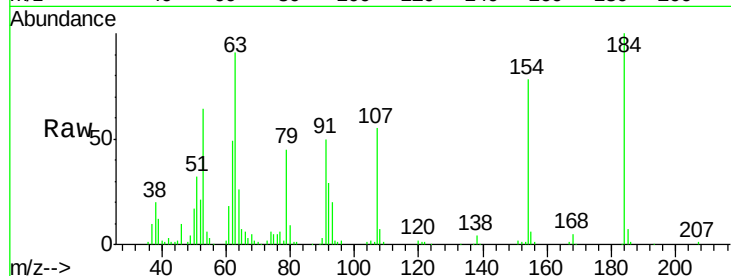




#53
2,4-Dinitrophenol
Concen: 64.942 ng
RT: 15.06 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

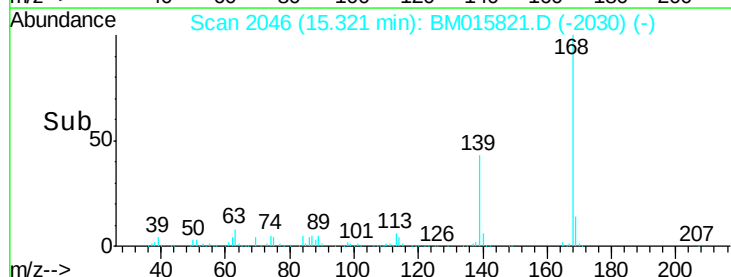
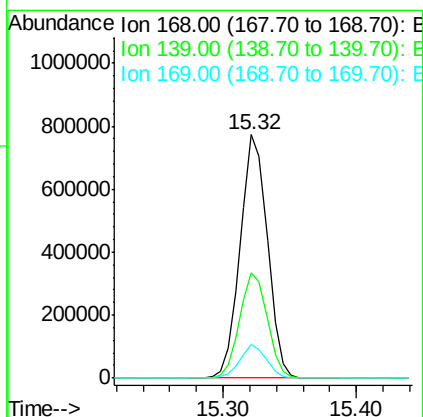
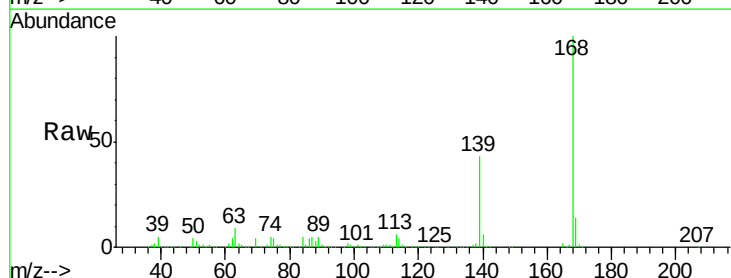
Instrument :
BNA_M
ClientSampleId :
PB110836BS

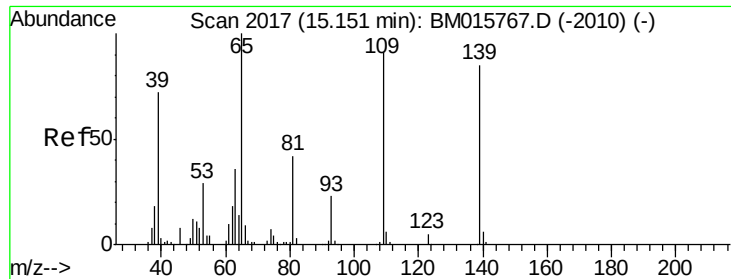
Tgt Ion:184 Resp: 167762
Ion Ratio Lower Upper
184 100
63 91.5 69.2 103.8
154 78.4 53.3 79.9



#54
Dibenzofuran
Concen: 35.141 ng
RT: 15.32 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion:168 Resp: 1087903
Ion Ratio Lower Upper
168 100
139 43.3 27.3 40.9#
169 13.6 10.6 16.0





#55

4-Nitrophenol

Concen: 65.137 ng

RT: 15.14 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

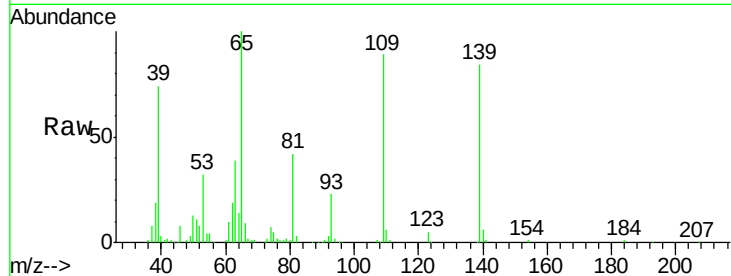
Tgt Ion:139 Resp: 277795

Ion Ratio Lower Upper

139 100

109 106.3 130.0 170.0#

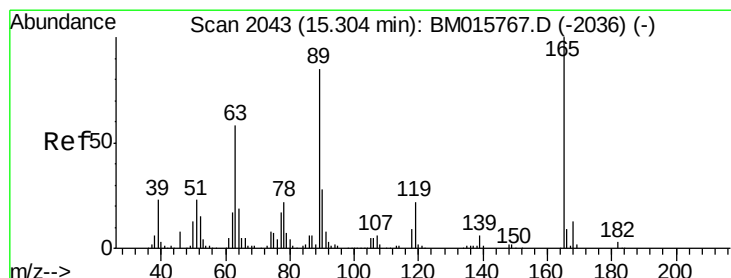
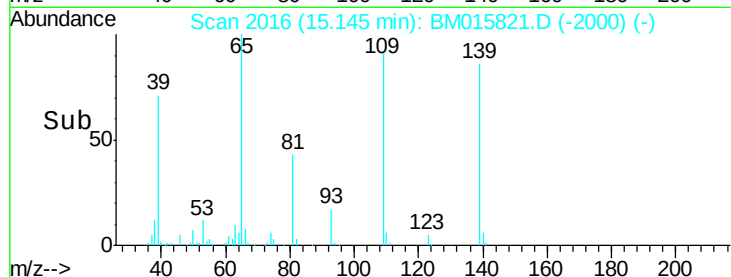
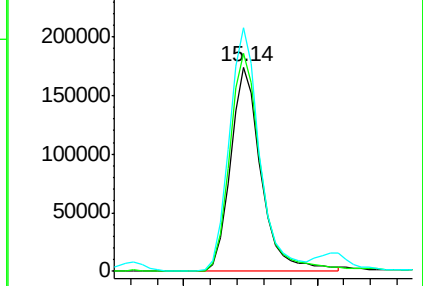
65 119.0 130.0 170.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#56

2,4-Dinitrotoluene

Concen: 34.722 ng

RT: 15.30 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Tgt Ion:165 Resp: 264655

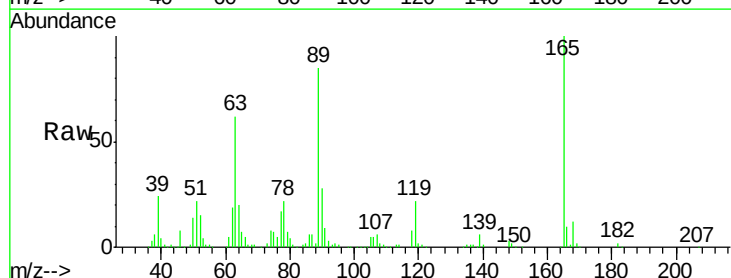
Ion Ratio Lower Upper

165 100

63 61.5 52.4 78.6

89 84.7 72.4 108.6

182 2.5 2.0 3.0

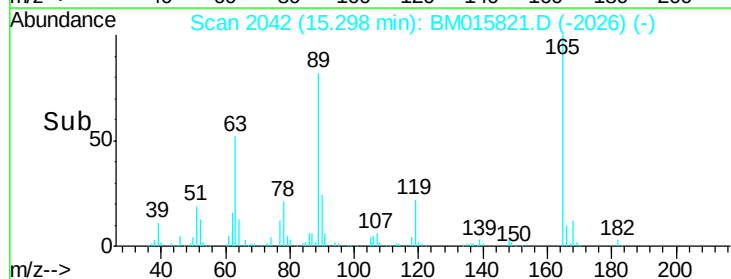
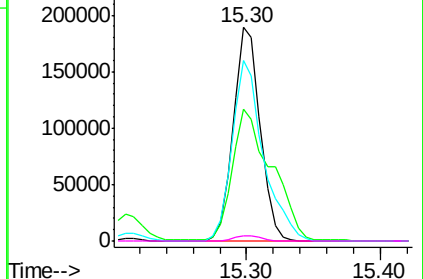


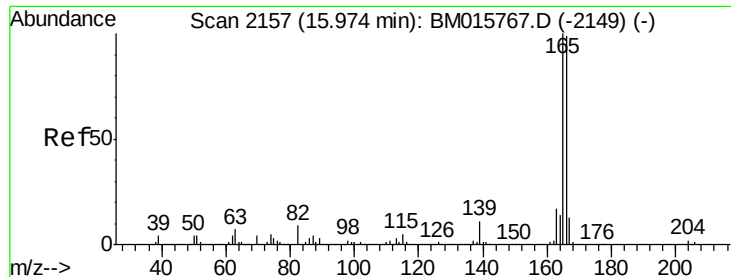
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E

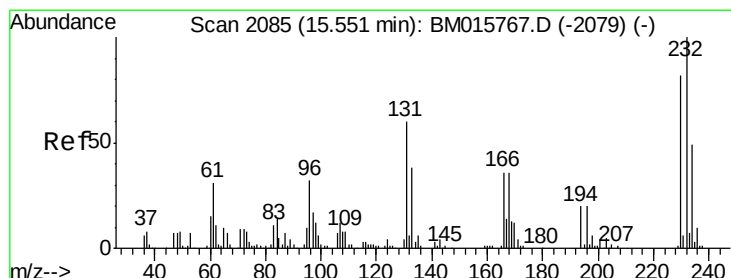
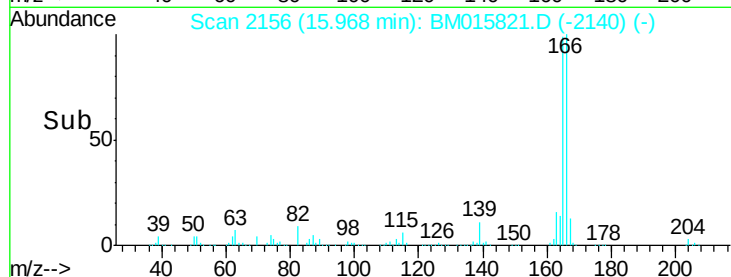
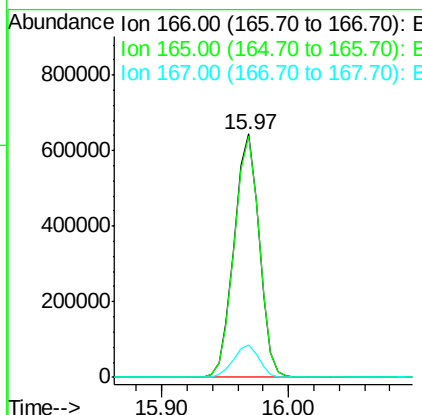
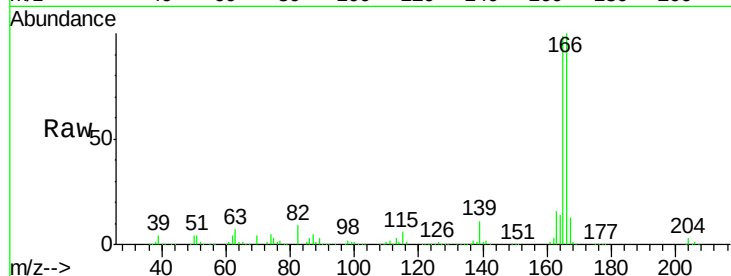




#57
 Fluorene
 Concen: 34.342 ng
 RT: 15.97 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

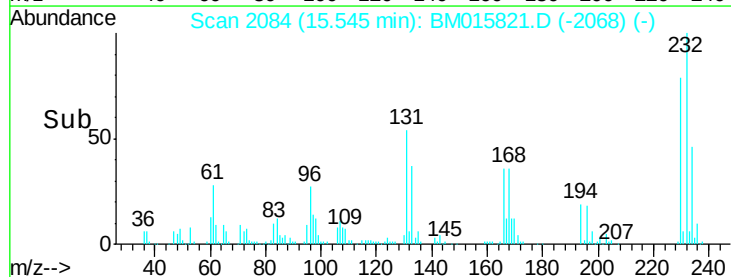
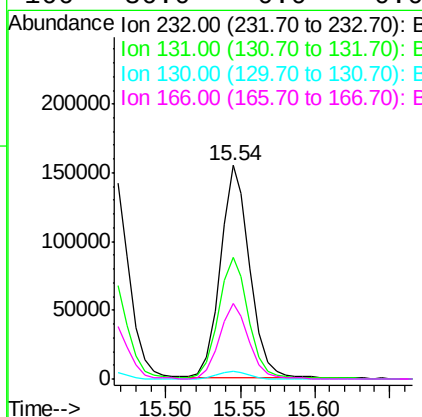
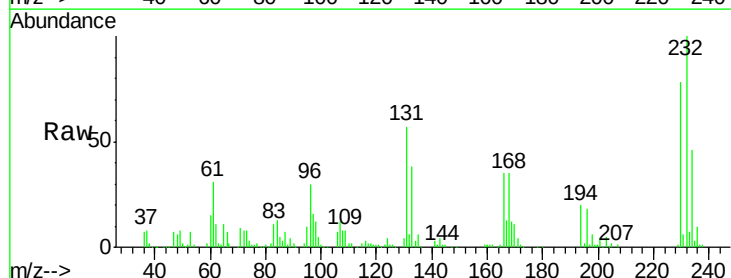
Instrument :
 BNA_M
 ClientSampleId :
 PB110836BS

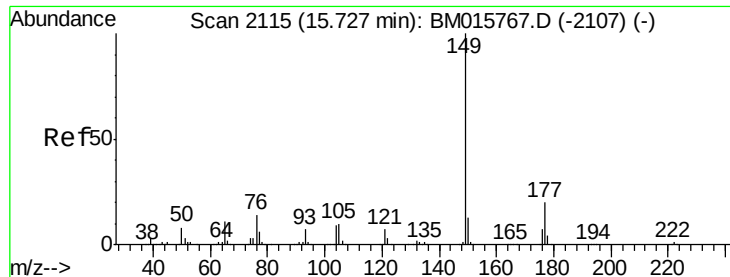
Tgt Ion:166 Resp: 876721
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.0 118.4
 167 13.1 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.408 ng
 RT: 15.54 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Tgt Ion:232 Resp: 212403
 Ion Ratio Lower Upper
 232 100
 131 57.8 0.0 0.0#
 130 3.6 0.0 0.0#
 166 36.0 0.0 0.0#

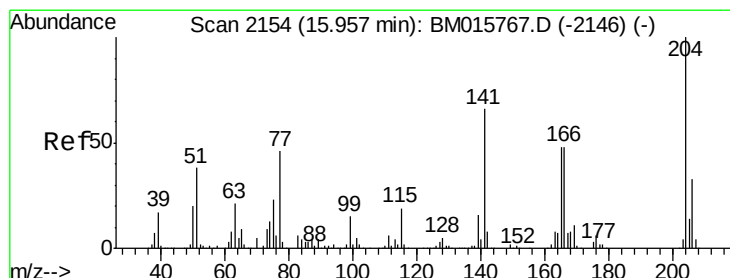
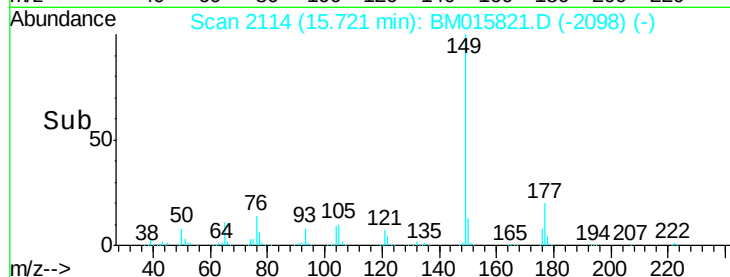
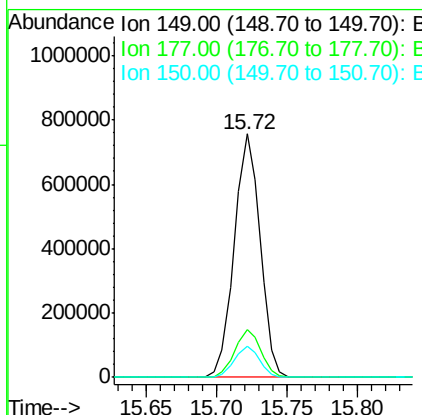
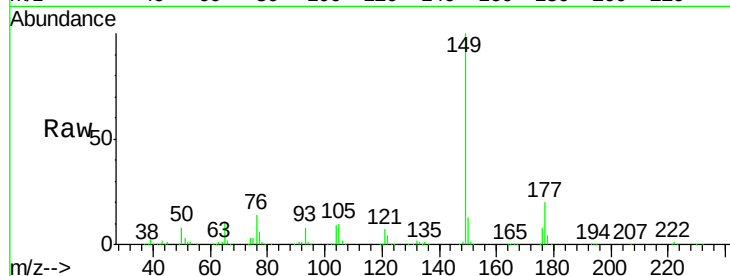




#59
Diethylphthalate
Concen: 33.277 ng
RT: 15.72 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

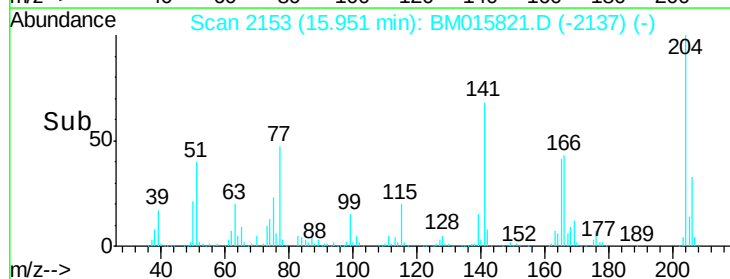
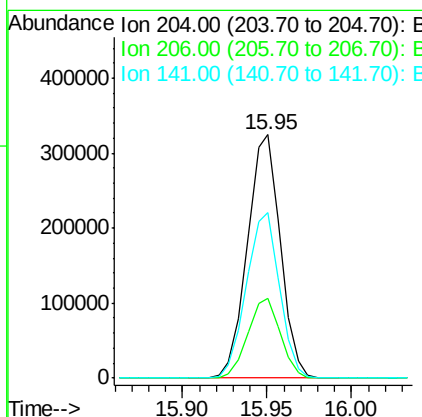
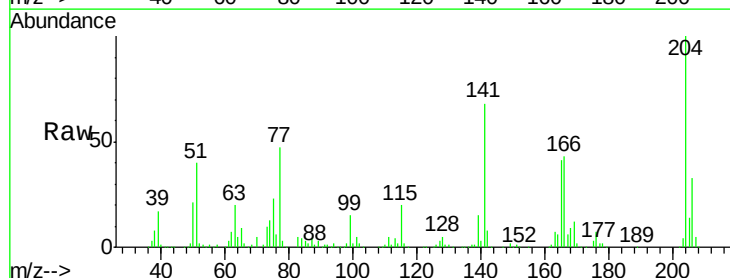
Instrument :
BNA_M
ClientSampleId :
PB110836BS

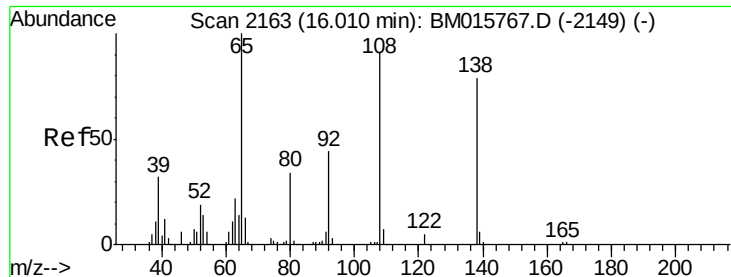
Tgt Ion:149 Resp: 965584
Ion Ratio Lower Upper
149 100
177 19.9 18.3 27.5
150 12.7 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 33.538 ng
RT: 15.95 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion:204 Resp: 440567
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 68.2 45.2 67.8#

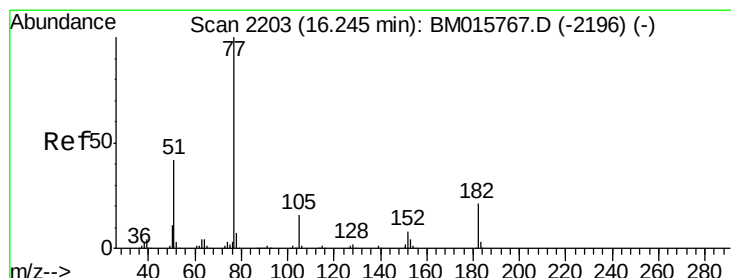
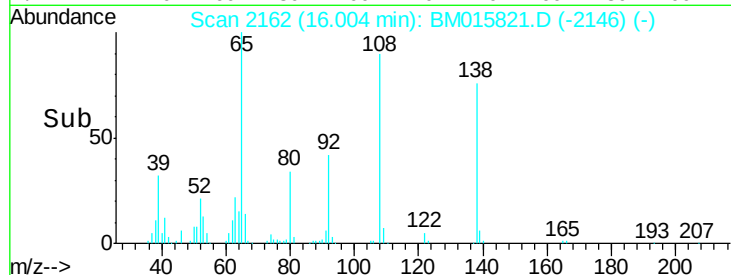
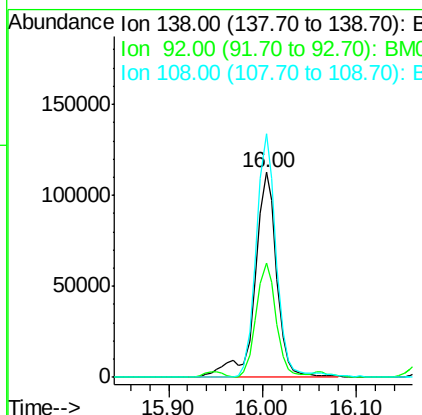
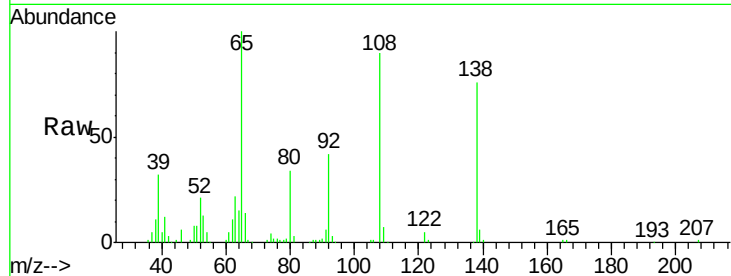




#61
4-Nitroaniline
Concen: 30.547 ng
RT: 16.00 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

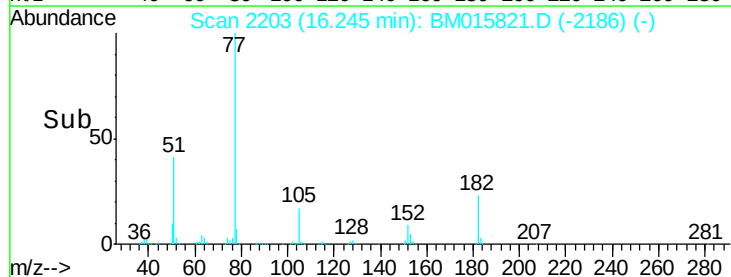
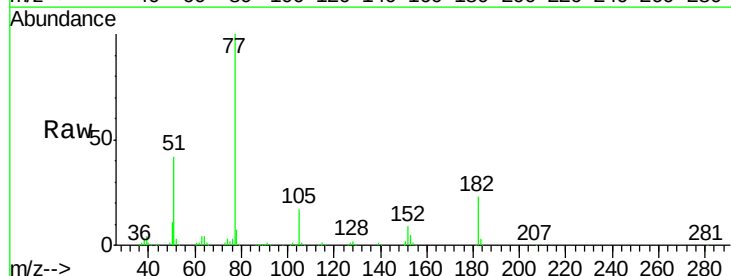
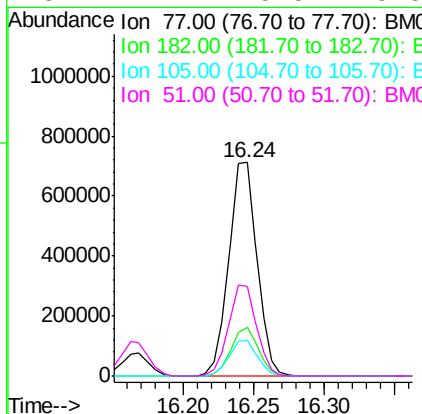
Instrument :
BNA_M
ClientSampleId :
PB110836BS

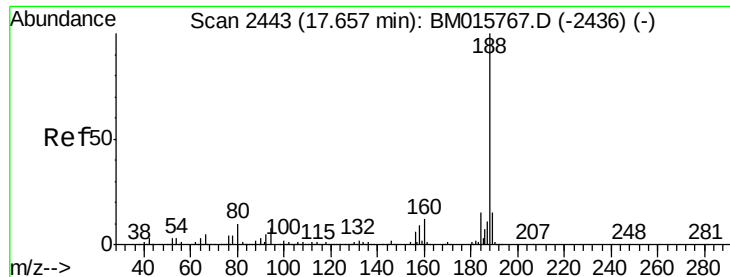
Tgt Ion:138 Resp: 183121
Ion Ratio Lower Upper
138 100
92 55.5 16.7 56.7
108 118.7 37.6 77.6#



#62
Azobenzene
Concen: 36.408 ng
RT: 16.24 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion: 77 Resp: 990285
Ion Ratio Lower Upper
77 100
182 22.8 6.5 46.5
105 16.7 3.8 43.8
51 42.1 5.5 45.5

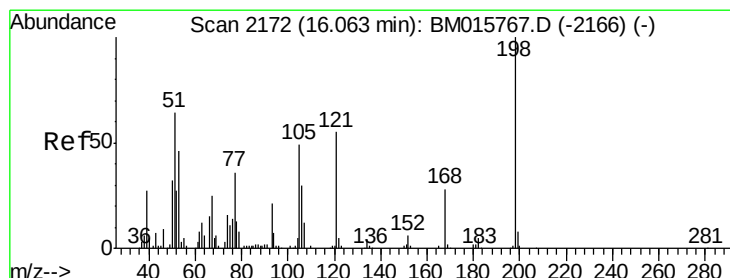
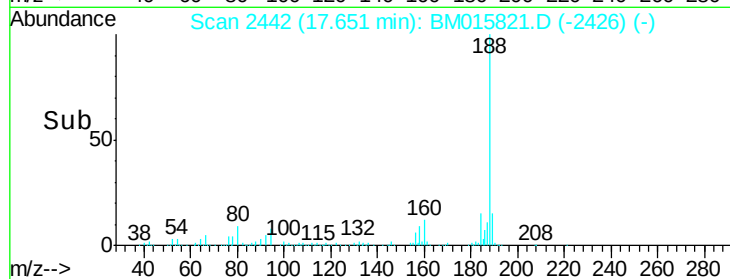
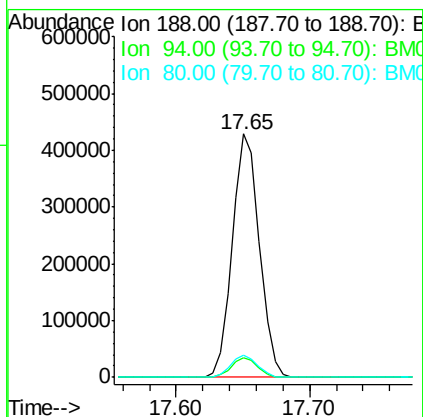
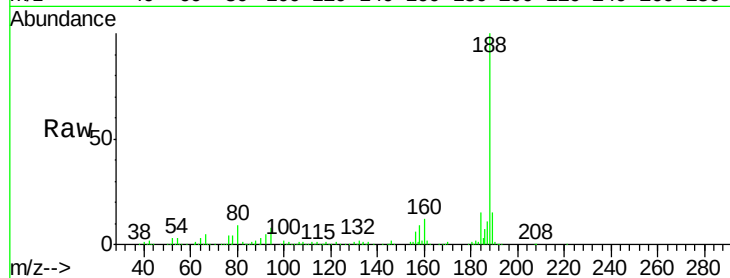




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

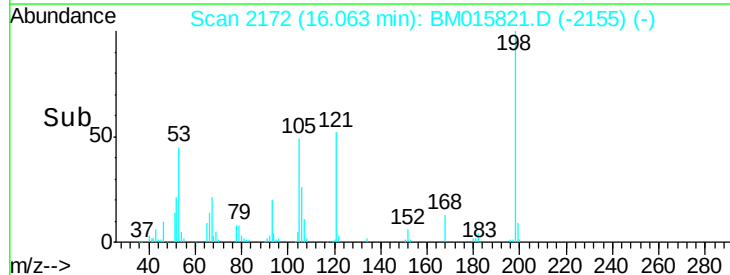
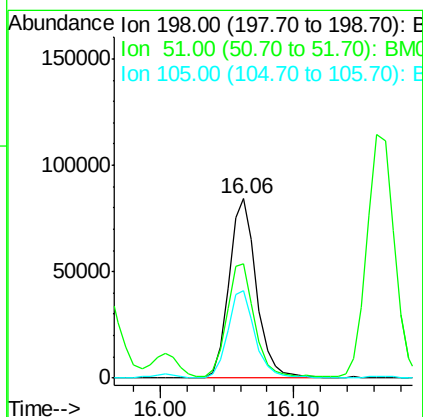
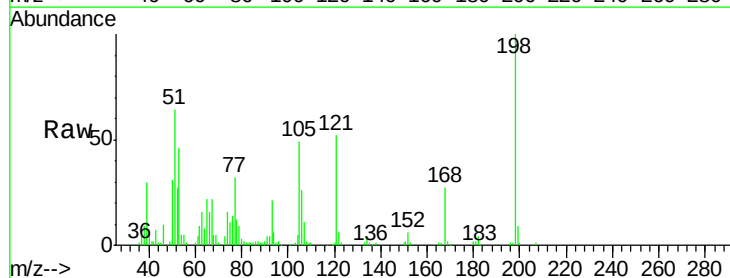
Instrument :
BNA_M
ClientSampleId :
PB110836BS

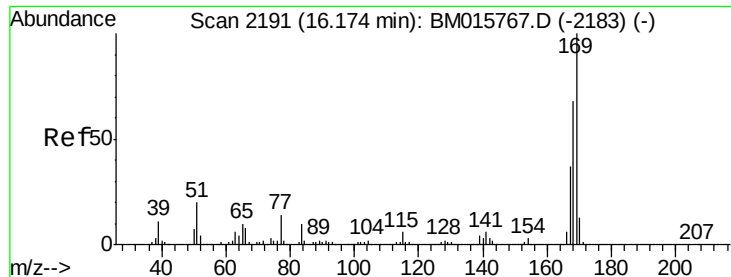
Tgt Ion:188 Resp: 605585
Ion Ratio Lower Upper
188 100
94 8.0 8.7 13.1#
80 9.3 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 32.907 ng
RT: 16.06 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion:198 Resp: 121146
Ion Ratio Lower Upper
198 100
51 63.6 28.8 68.8
105 48.9 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 35.658 ng

RT: 16.17 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

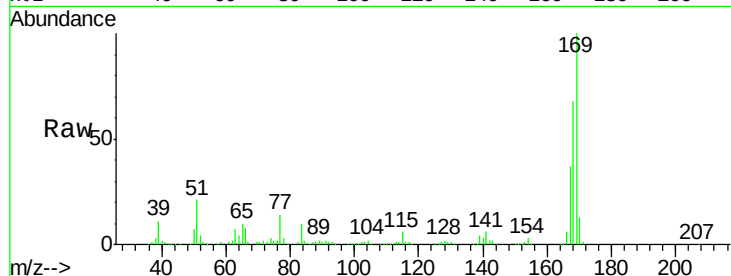
Tgt Ion:169 Resp: 739924

Ion Ratio Lower Upper

169 100

168 68.1 53.9 80.9

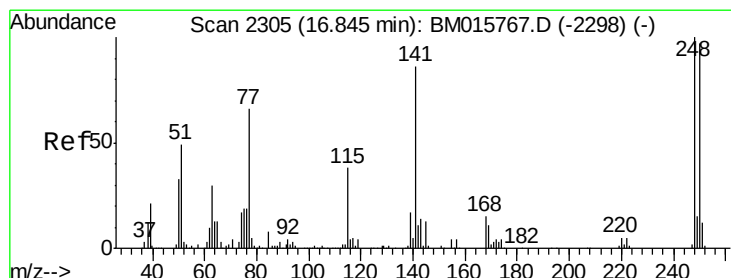
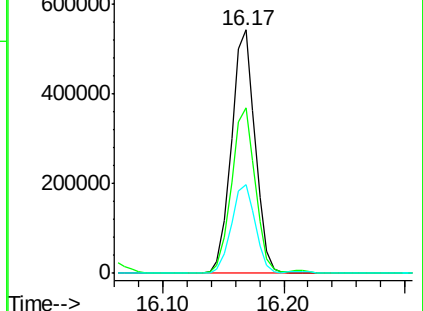
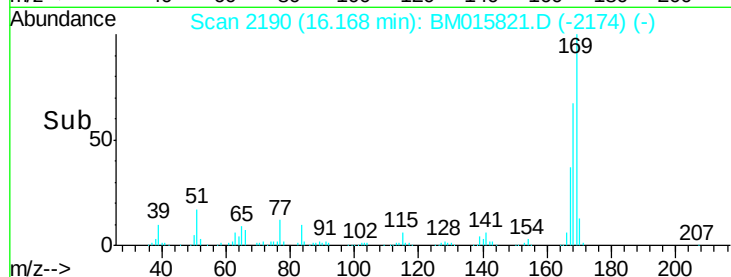
167 36.7 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.185 ng

RT: 16.84 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

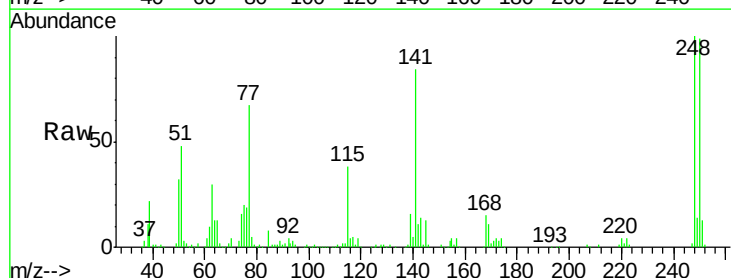
Tgt Ion:248 Resp: 258191

Ion Ratio Lower Upper

248 100

250 99.2 77.4 116.0

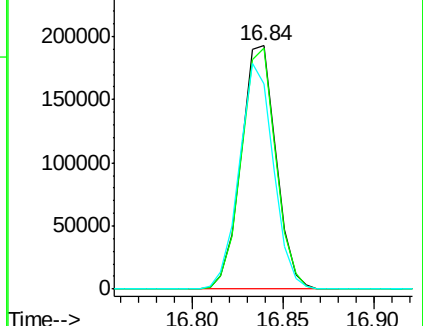
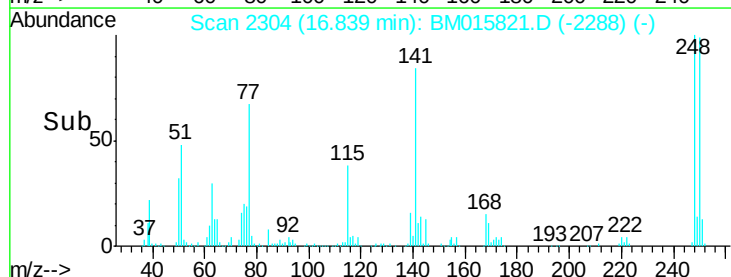
141 84.3 45.2 67.8#

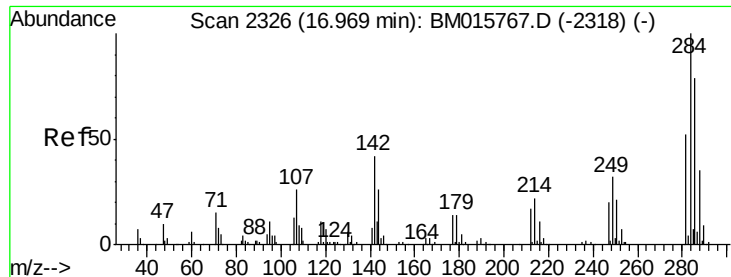


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.139 ng

RT: 16.96 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

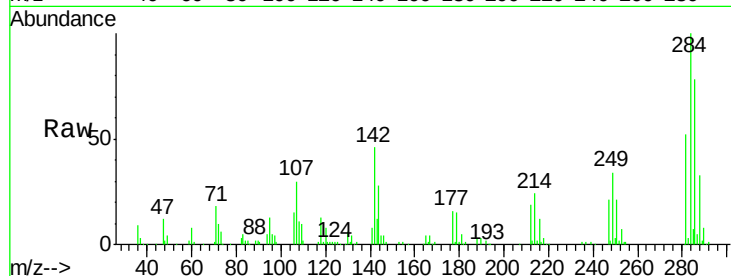
Tgt Ion:284 Resp: 280604

Ion Ratio Lower Upper

284 100

142 46.1 20.4 30.6#

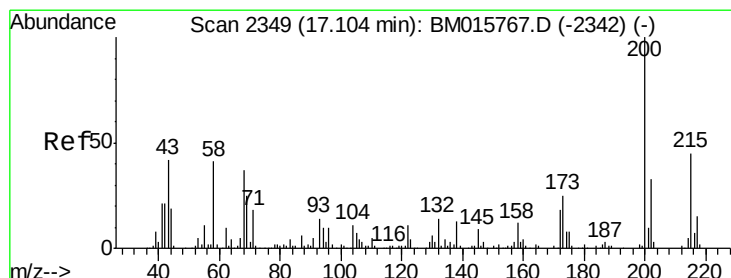
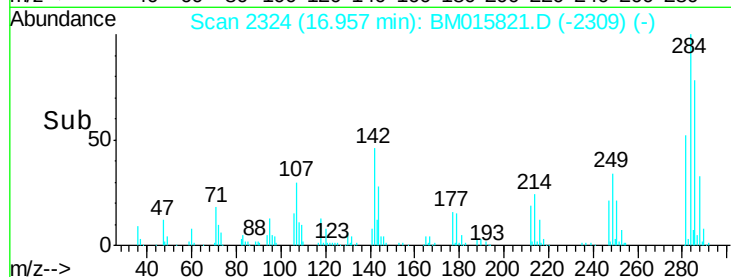
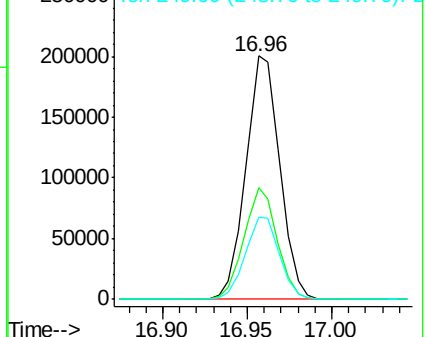
249 33.6 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.974 ng

RT: 17.10 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

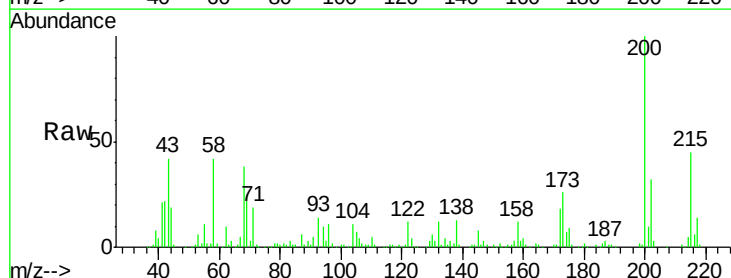
Tgt Ion:200 Resp: 259189

Ion Ratio Lower Upper

200 100

173 25.8 4.8 44.8

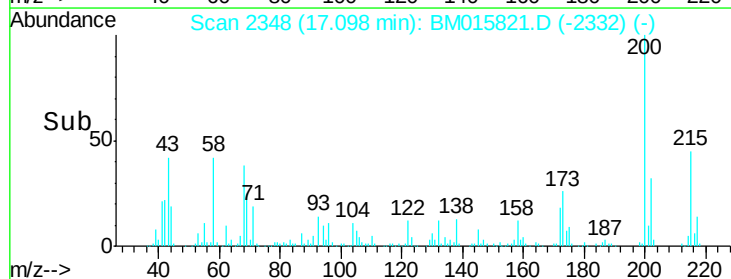
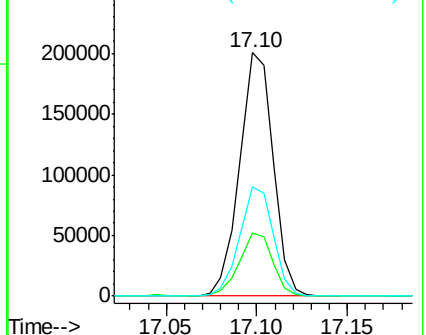
215 45.1 26.9 66.9

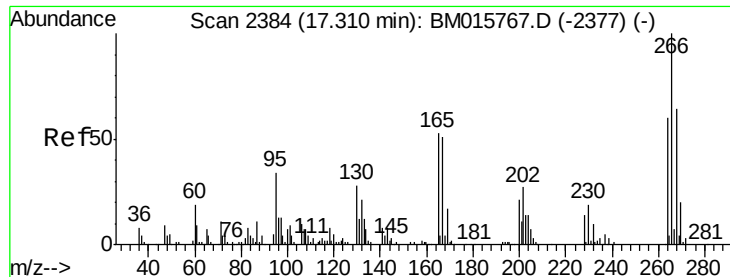


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 60.891 ng

RT: 17.30 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

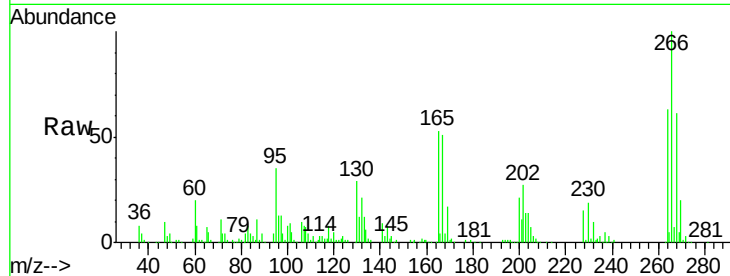
Tgt Ion:266 Resp: 284683

Ion Ratio Lower Upper

266 100

268 61.0 52.0 78.0

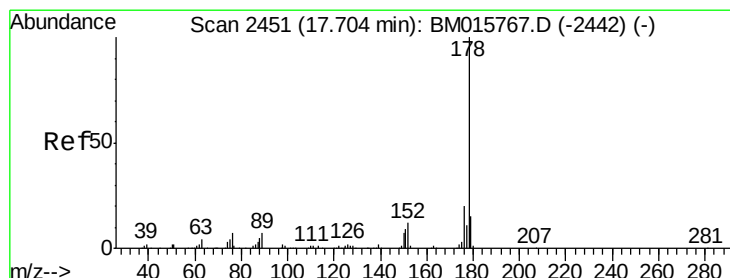
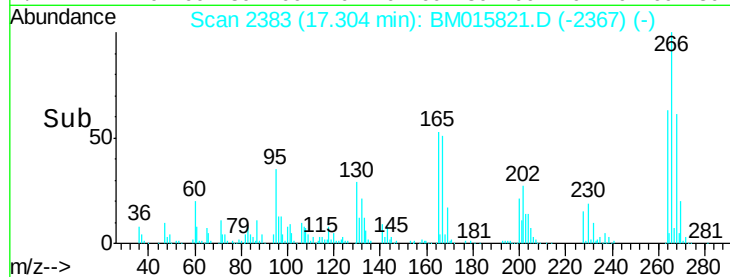
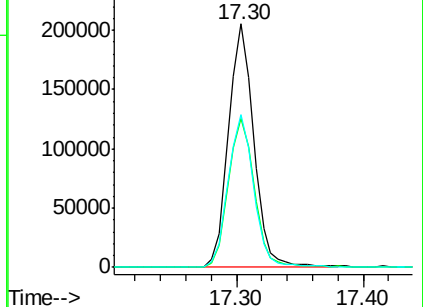
264 62.9 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 35.549 ng

RT: 17.69 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

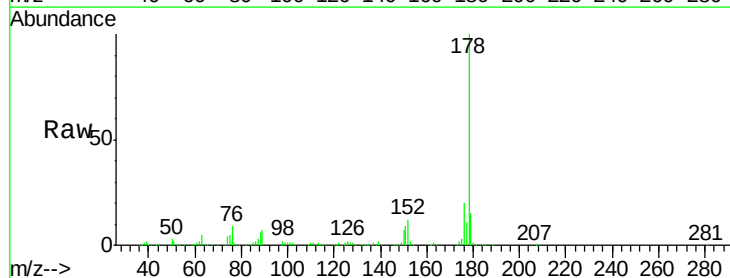
Tgt Ion:178 Resp: 1231628

Ion Ratio Lower Upper

178 100

176 19.7 15.2 22.8

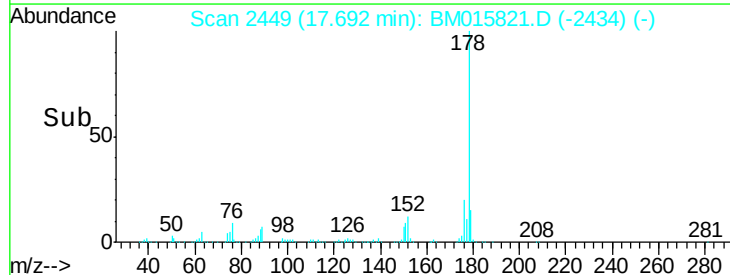
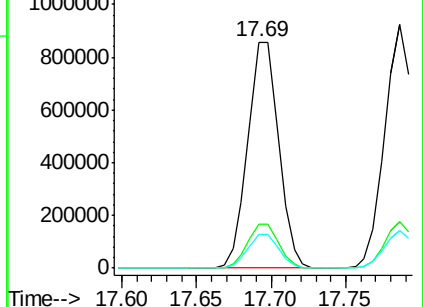
179 15.0 12.1 18.1

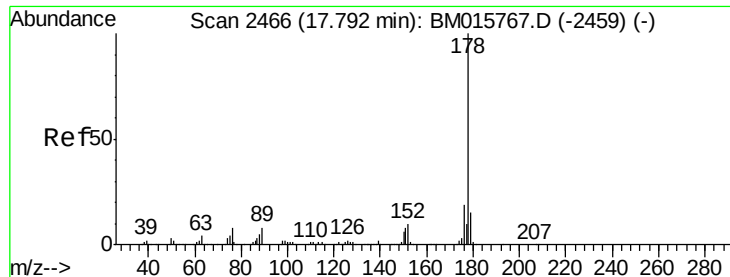


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 36.788 ng

RT: 17.79 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

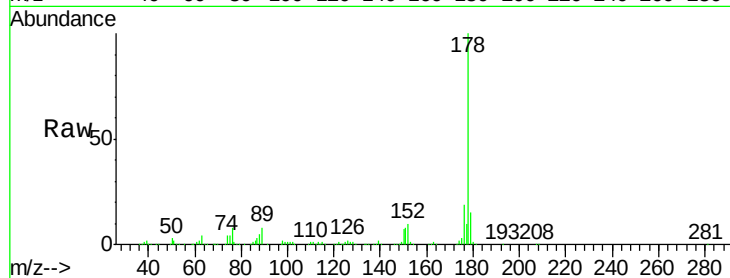
Tgt Ion:178 Resp: 1251669

Ion Ratio Lower Upper

178 100

176 19.0 14.6 22.0

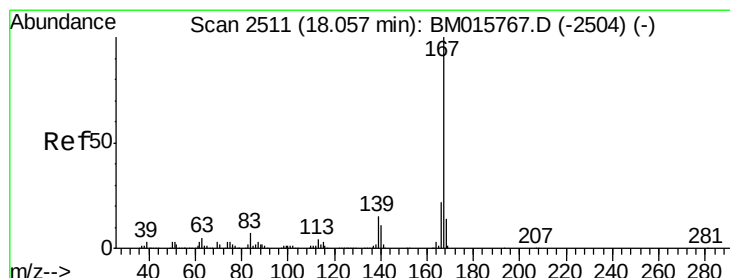
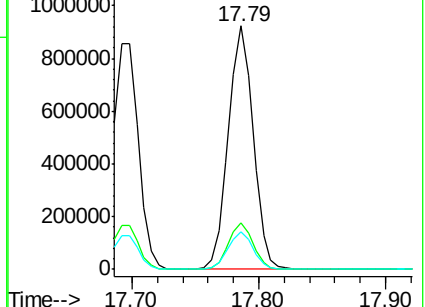
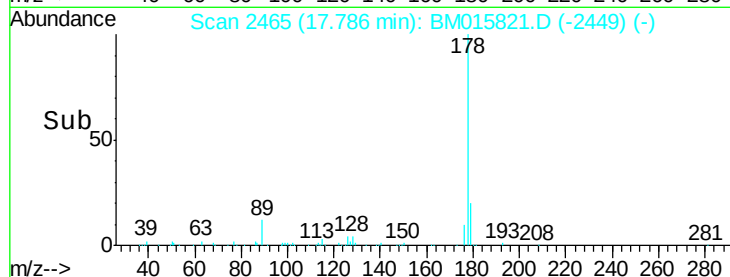
179 15.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 33.578 ng

RT: 18.05 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

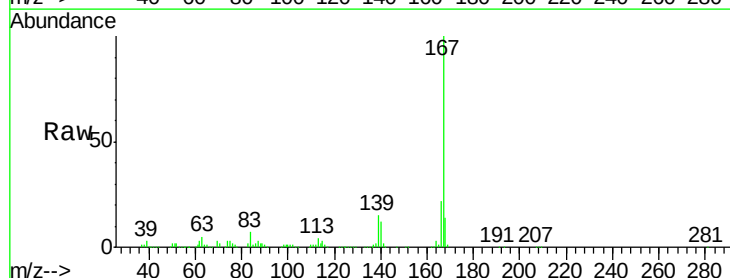
Tgt Ion:167 Resp: 1064621

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

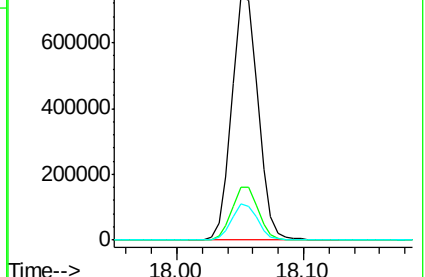
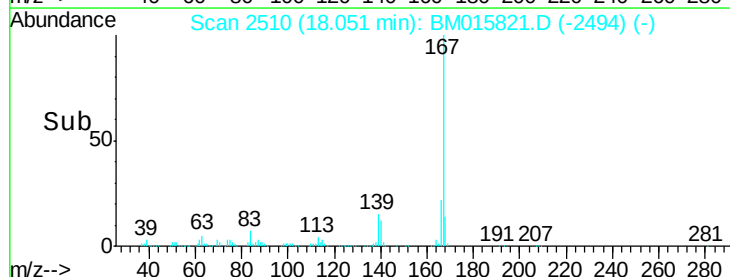
139 14.9 10.8 16.2

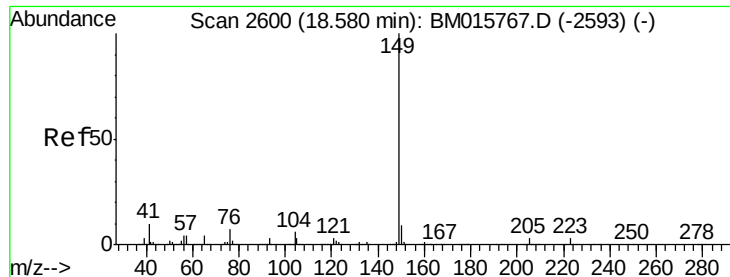


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.143 ng

RT: 18.57 min Scan# 2599

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

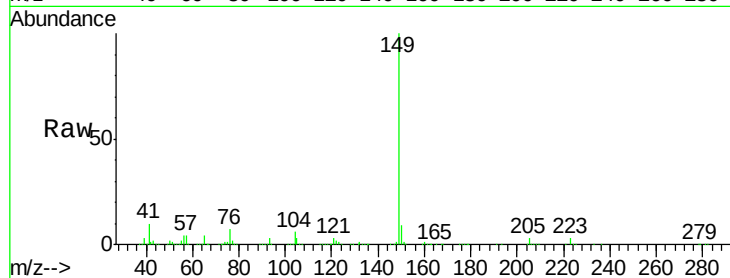
Tgt Ion:149 Resp: 1459078

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

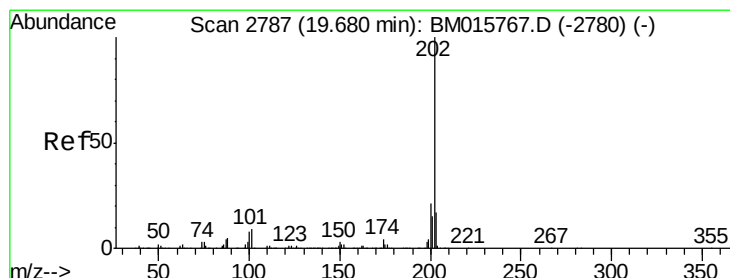
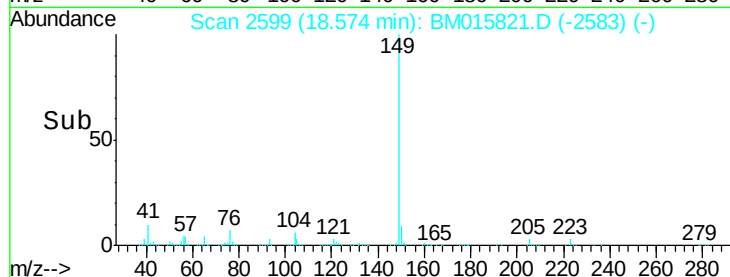
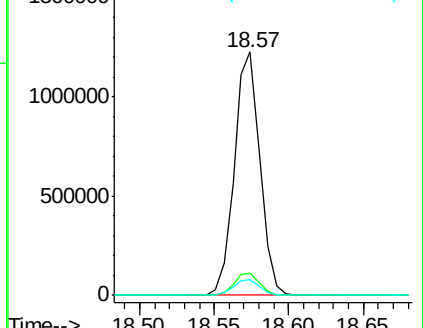
104 6.4 3.7 5.5#



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: 30.531 ng

RT: 19.67 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

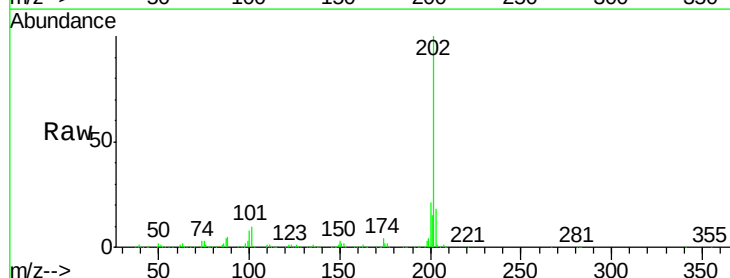
Tgt Ion:202 Resp: 1216021

Ion Ratio Lower Upper

202 100

101 9.8 0.0 28.7

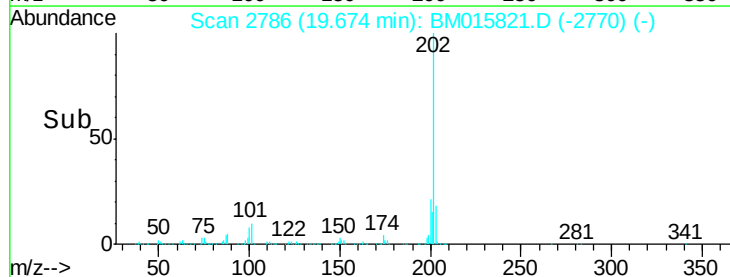
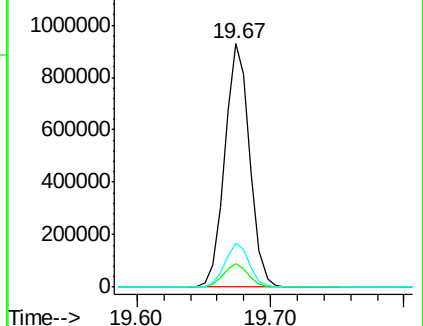
203 17.8 0.0 37.2

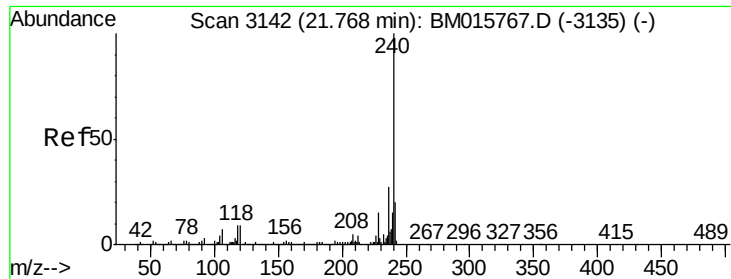


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

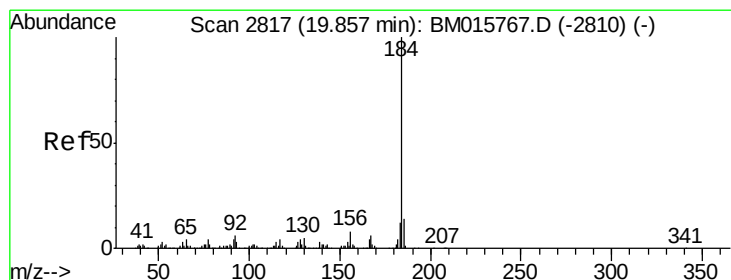
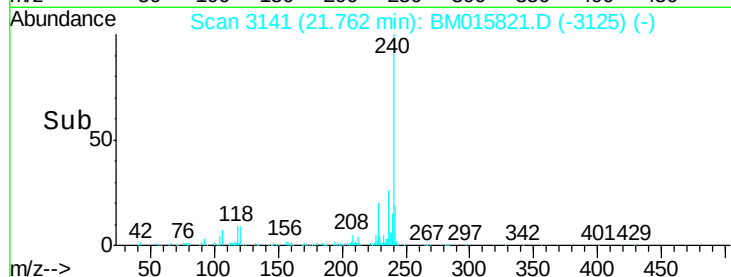
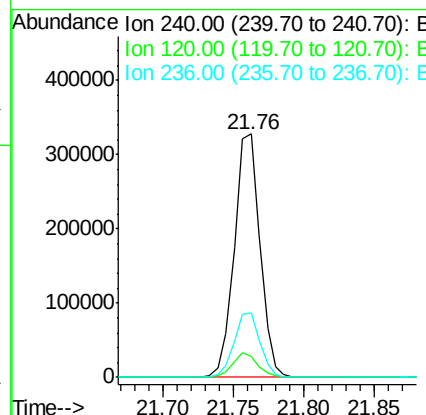
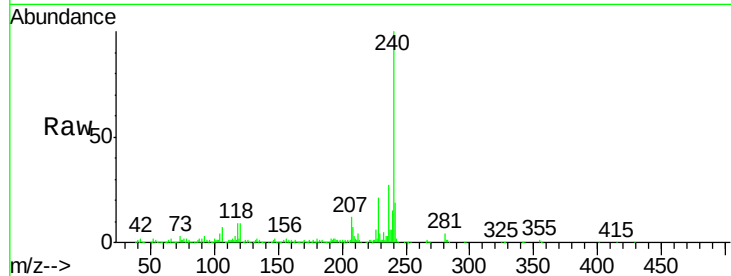




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

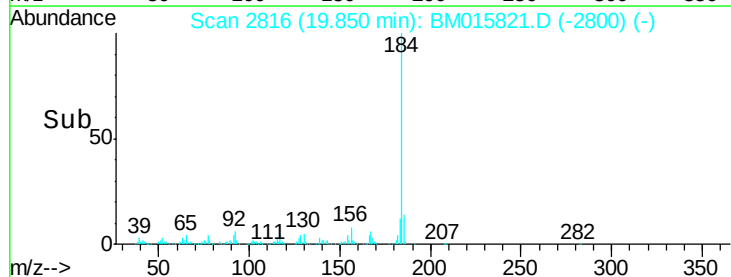
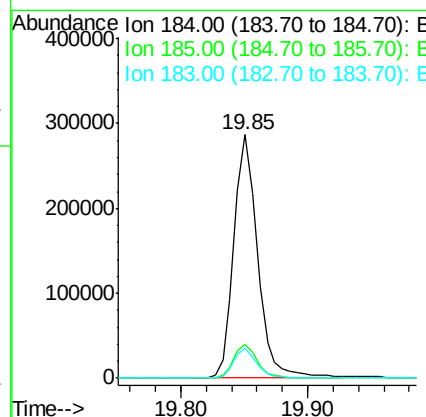
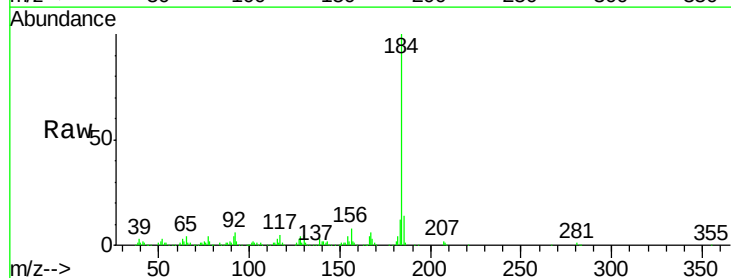
Instrument :
BNA_M
ClientSampleId :
PB110836BS

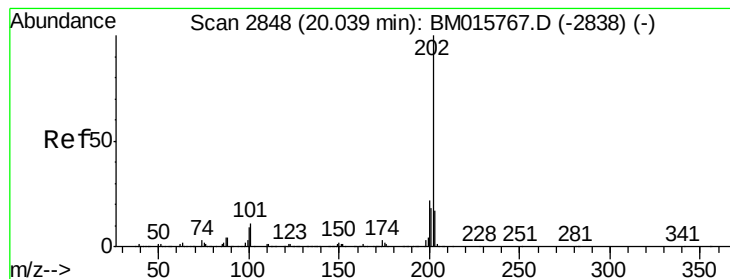
Tgt Ion:240 Resp: 414966
Ion Ratio Lower Upper
240 100
120 8.6 8.2 12.2
236 26.5 20.0 30.0



#76
Benzidine
Concen: 30.689 ng
RT: 19.85 min Scan# 2816
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion:184 Resp: 373117
Ion Ratio Lower Upper
184 100
185 13.8 11.3 16.9
183 12.2 8.9 13.3





#77

Pyrene

Concen: 45.940 ng

RT: 20.03 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

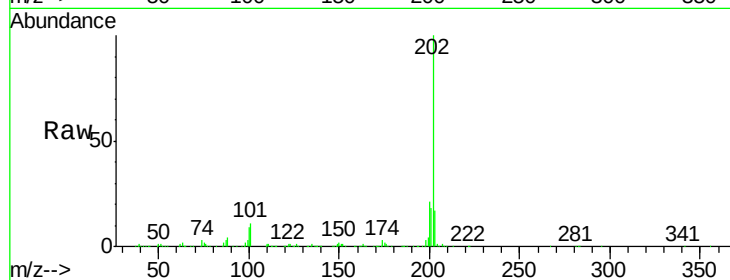
Tgt Ion:202 Resp: 1187499

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

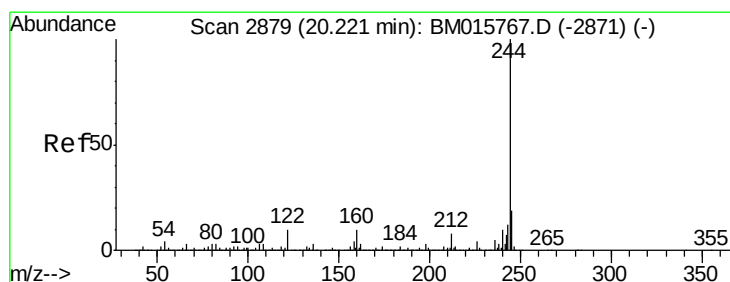
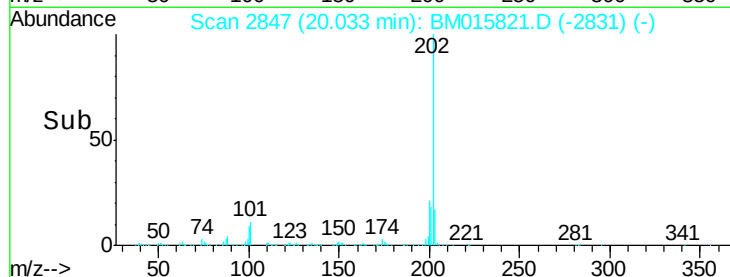
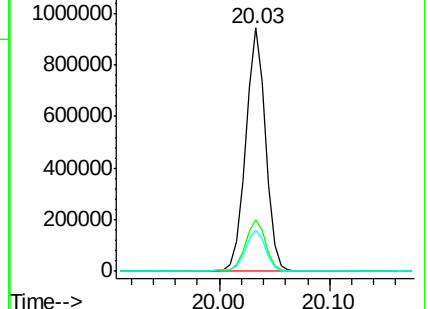
203 16.9 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 45.940 ng

RT: 20.22 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

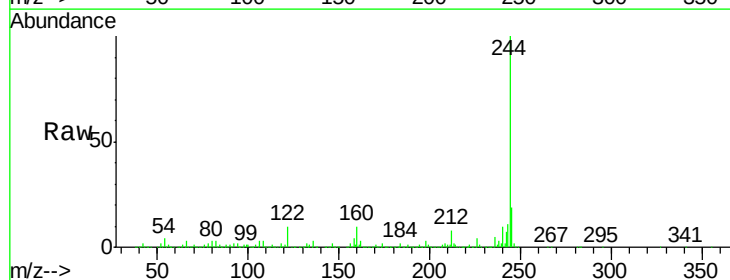
Tgt Ion:244 Resp: 2292372

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

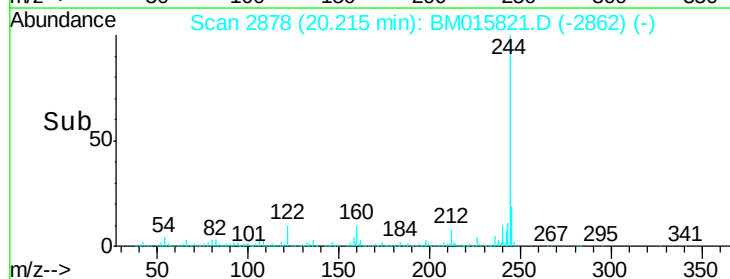
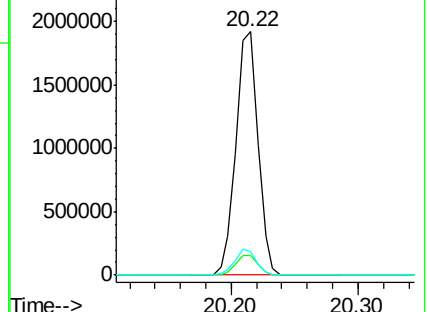
122 9.5 6.2 9.4#

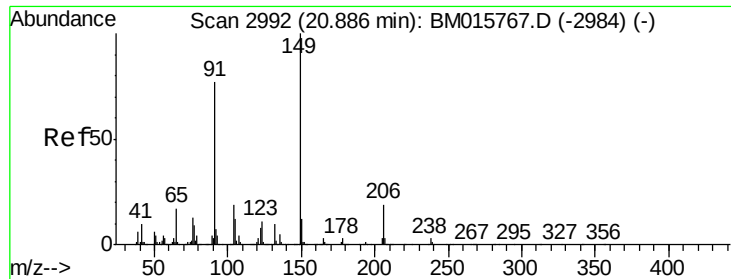


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

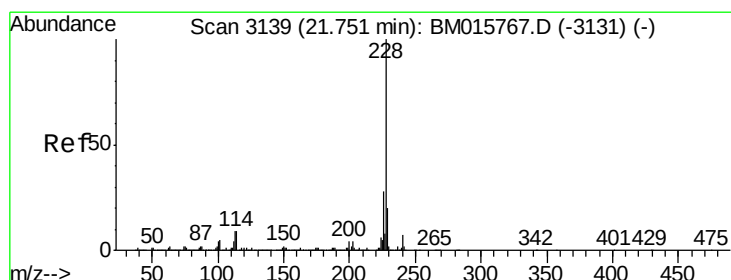
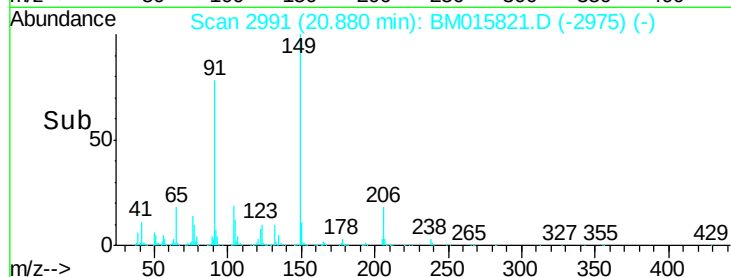
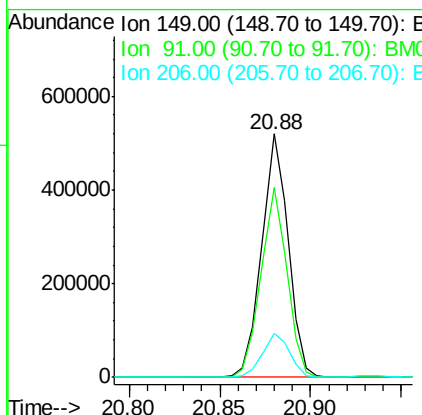
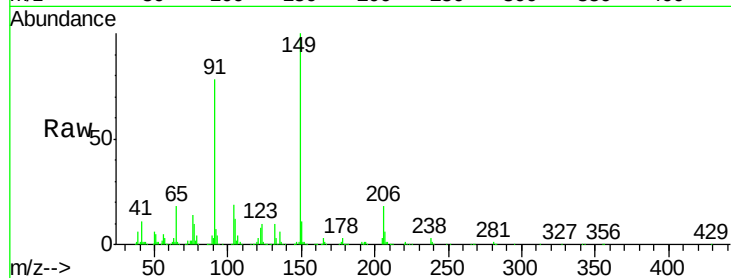




#79
Butylbenzylphthalate
Concen: 42.225 ng
RT: 20.88 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

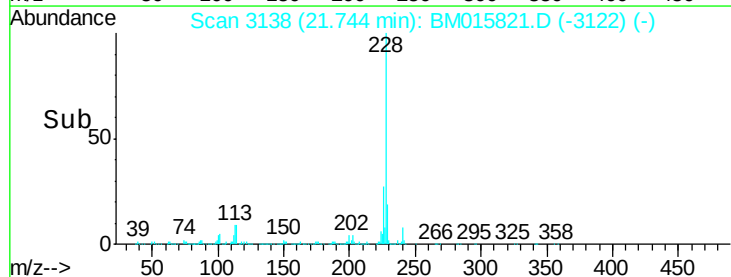
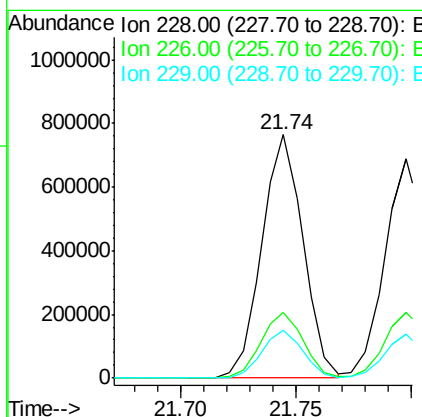
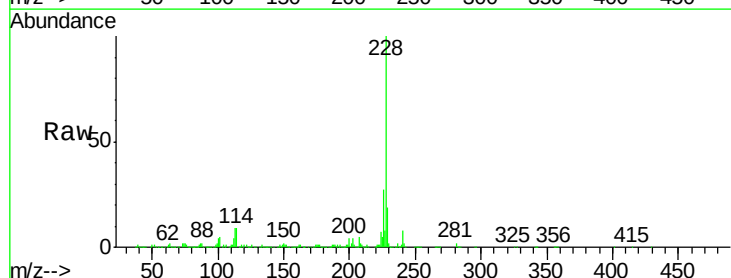
Instrument :
BNA_M
ClientSampleId :
PB110836BS

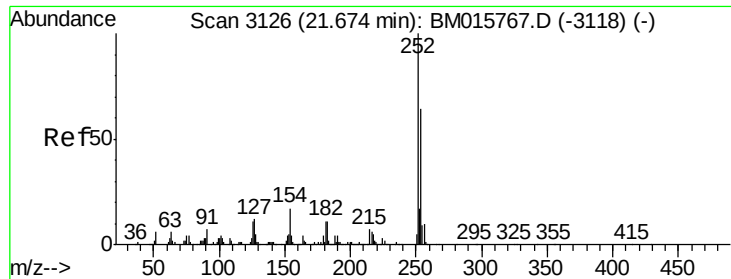
Tgt Ion:149 Resp: 527607
Ion Ratio Lower Upper
149 100
91 77.9 50.1 75.1#
206 17.9 16.2 24.2



#80
Benzo(a)anthracene
Concen: 36.039 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BM015821.D
Acq: 07 Jul 2018 02:58

Tgt Ion:228 Resp: 948176
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.4 16.0 24.0

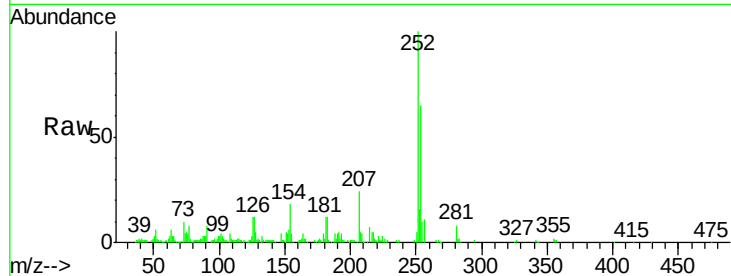




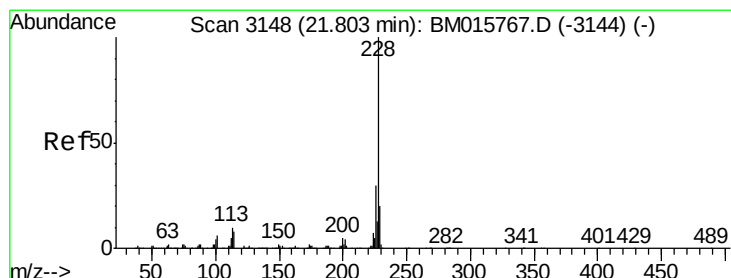
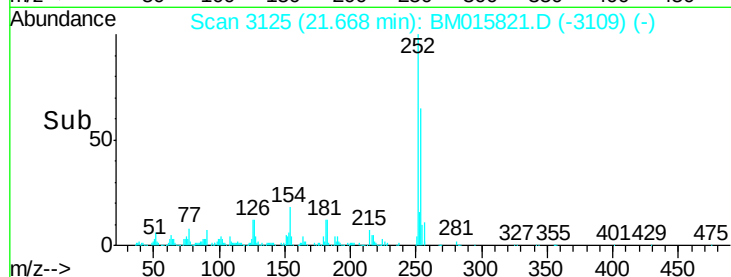
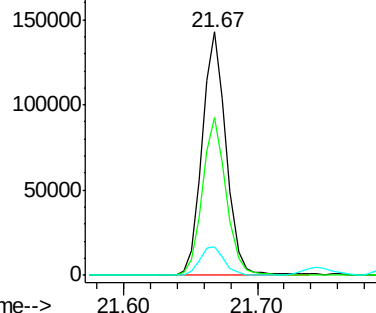
#81
 3,3'-Dichlorobenzidine
 Concen: 19.081 ng
 RT: 21.67 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Instrument :
 BNA_M
 ClientSampleId :
 PB110836BS

Tgt Ion:252 Resp: 180371
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.9 77.9
 126 11.8 9.8 14.8

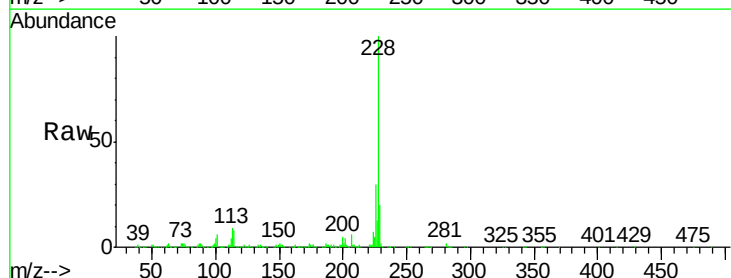


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

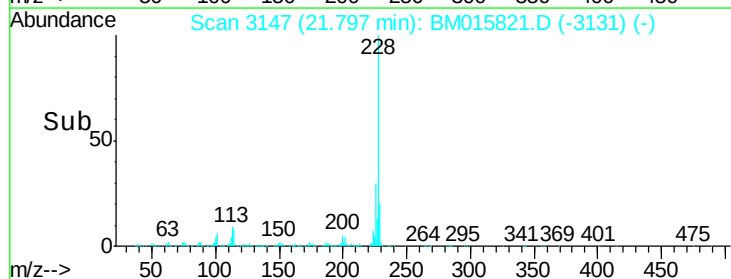
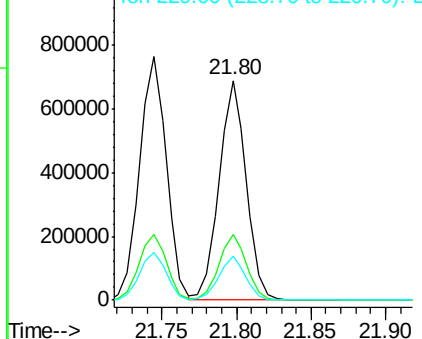


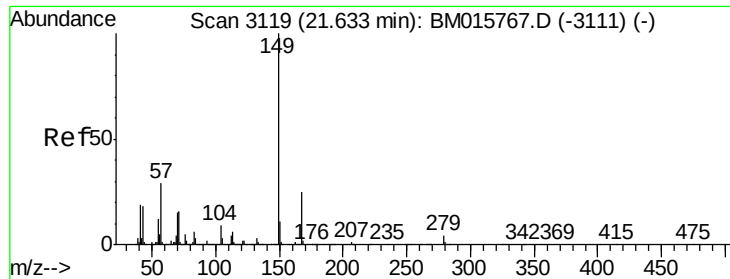
#82
 Chrysene
 Concen: 35.887 ng
 RT: 21.80 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Tgt Ion:228 Resp: 879548
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.1 36.1
 229 19.7 15.5 23.3



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

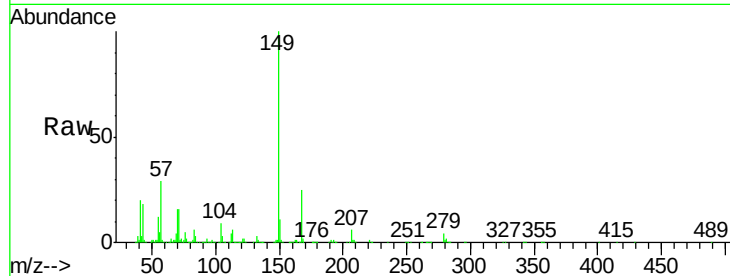




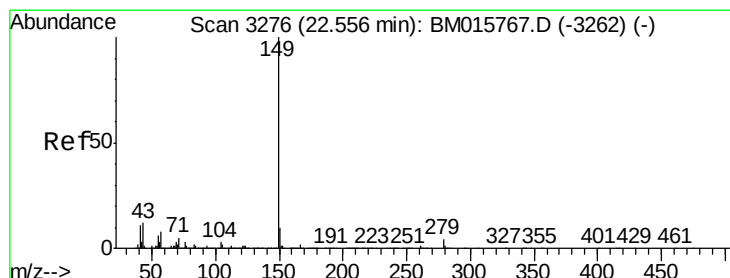
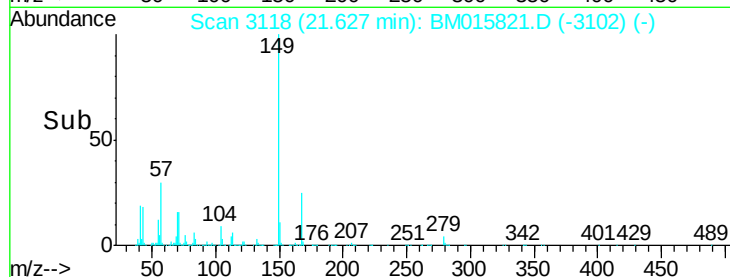
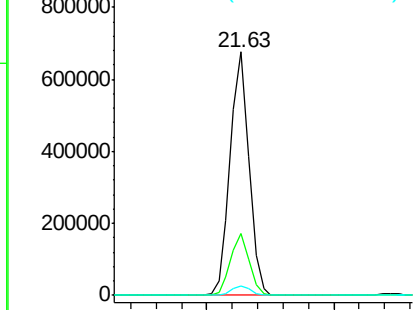
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.578 ng
 RT: 21.63 min Scan# 3118
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Instrument :
 BNA_M
 ClientSampleId :
 PB110836BS

Tgt Ion:149 Resp: 693781
 Ion Ratio Lower Upper
 149 100
 167 25.4 22.4 33.6
 279 4.0 3.4 5.0

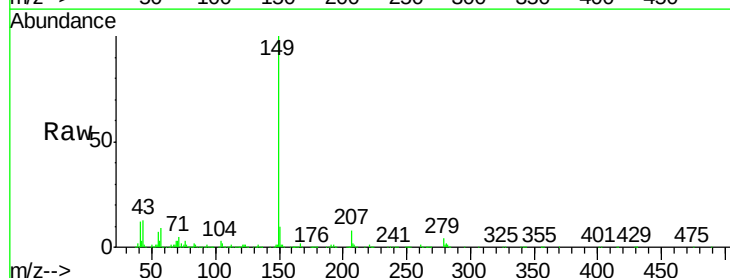


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

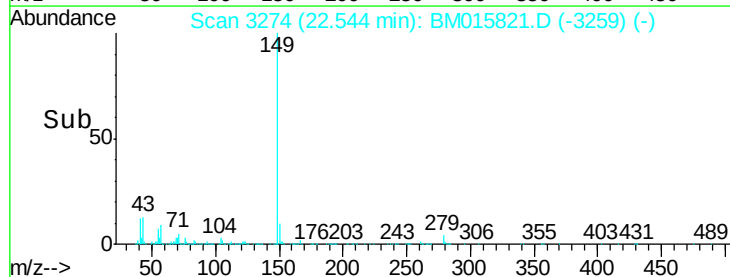
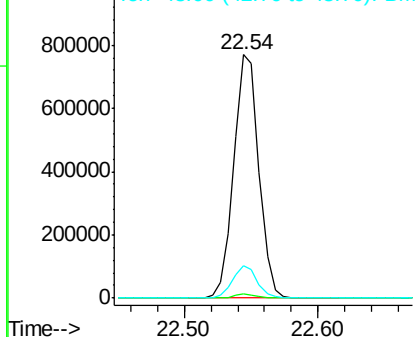


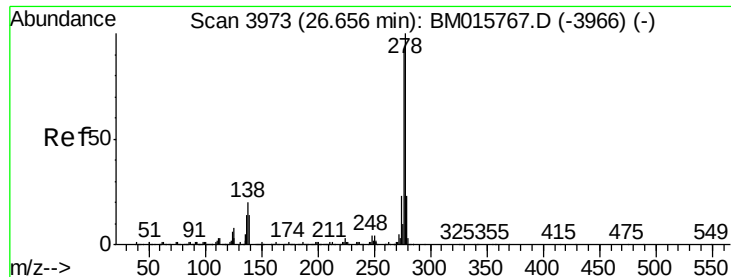
#84
 Di-n-octyl phthalate
 Concen: 33.281 ng
 RT: 22.54 min Scan# 3274
 Delta R.T. -0.01 min
 Lab File: BM015821.D
 Acq: 07 Jul 2018 02:58

Tgt Ion:149 Resp: 1001900
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.9 7.3 10.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BM0





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.680 ng

RT: 26.64 min Scan# 3970

Delta R.T. -0.02 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

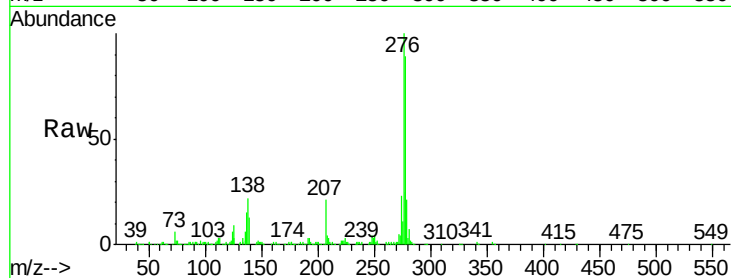
Tgt Ion:276 Resp: 880788

Ion Ratio Lower Upper

276 100

138 22.0 12.0 18.0#

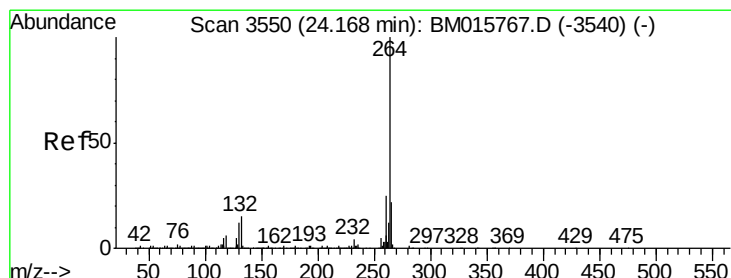
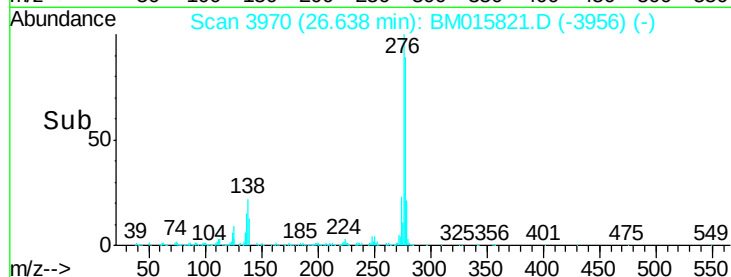
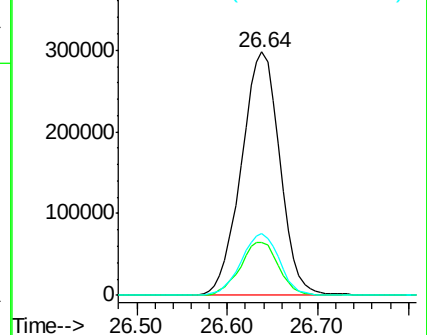
277 25.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.16 min Scan# 3549

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

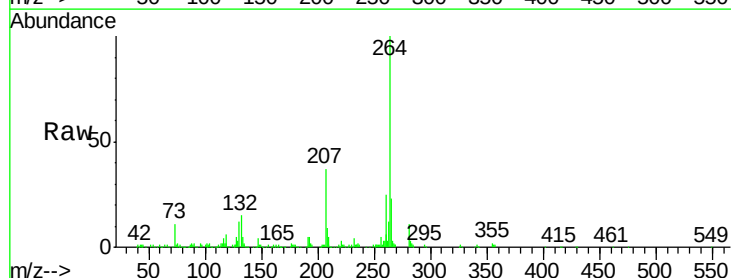
Tgt Ion:264 Resp: 341999

Ion Ratio Lower Upper

264 100

260 24.6 18.6 27.8

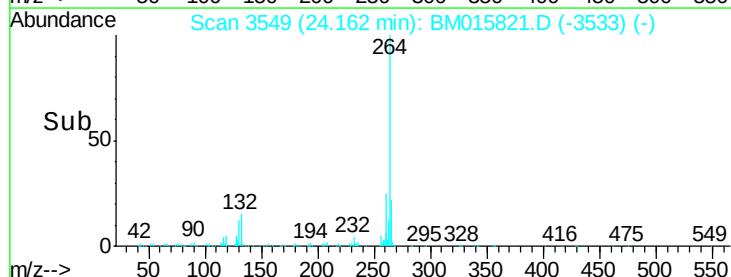
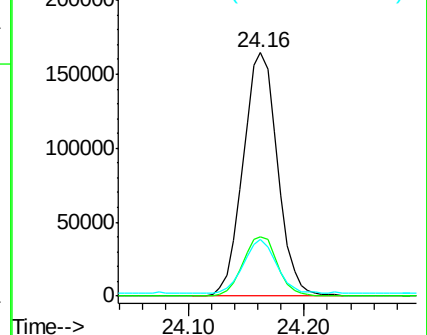
265 23.1 17.3 25.9

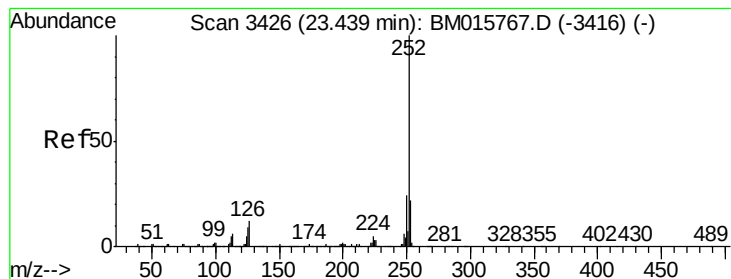


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 35.270 ng

RT: 23.43 min Scan# 3425

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

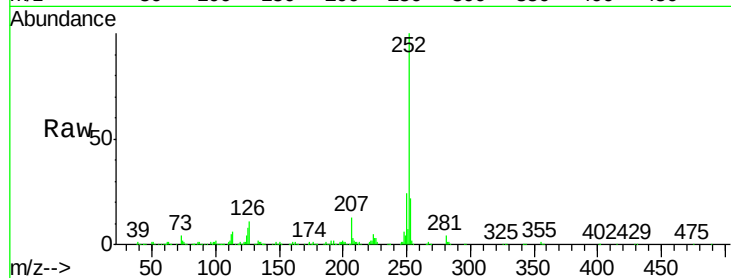
Tgt Ion:252 Resp: 805332

Ion Ratio Lower Upper

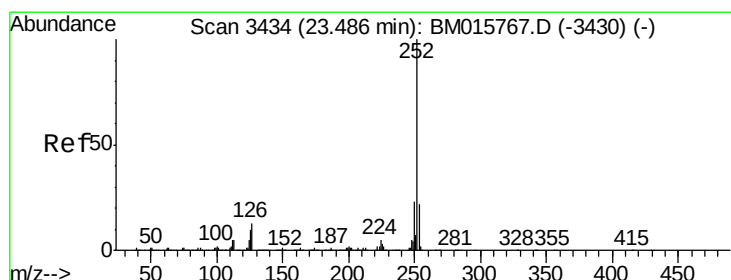
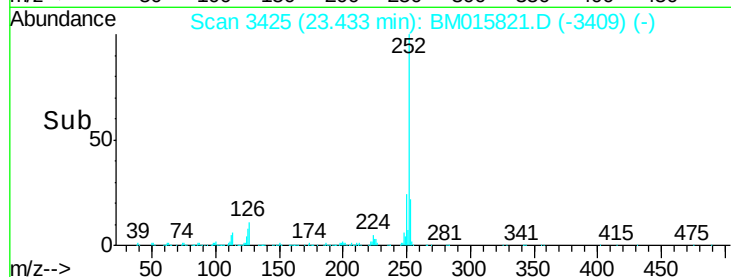
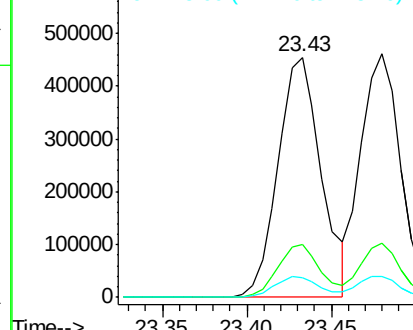
252 100

253 21.9 18.0 27.0

125 8.3 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: 33.943 ng

RT: 23.48 min Scan# 3433

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

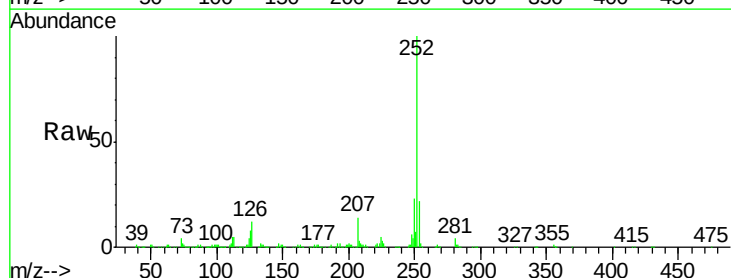
Tgt Ion:252 Resp: 752876

Ion Ratio Lower Upper

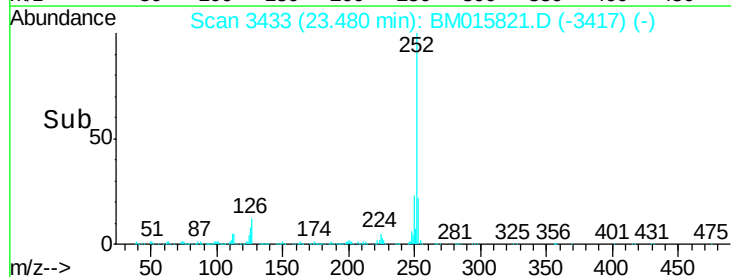
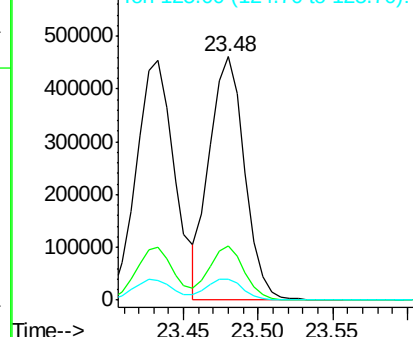
252 100

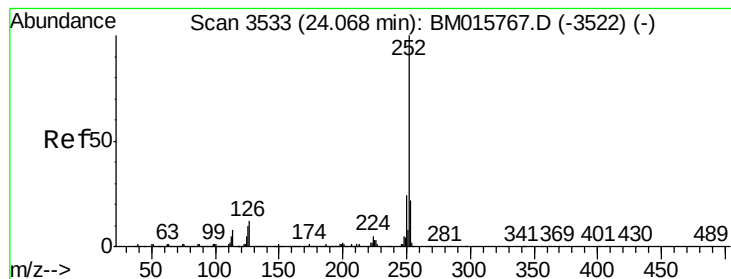
253 22.1 17.2 25.8

125 8.5 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: 36.522 ng

RT: 24.06 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

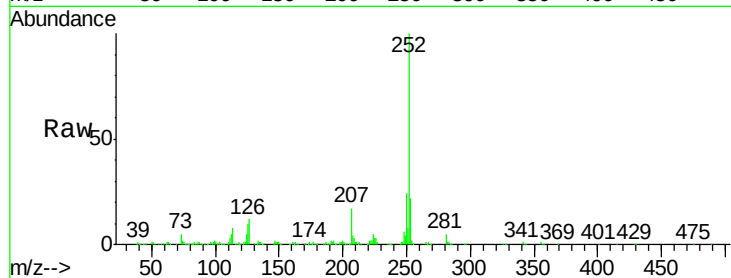
Tgt Ion: 252 Resp: 734070

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

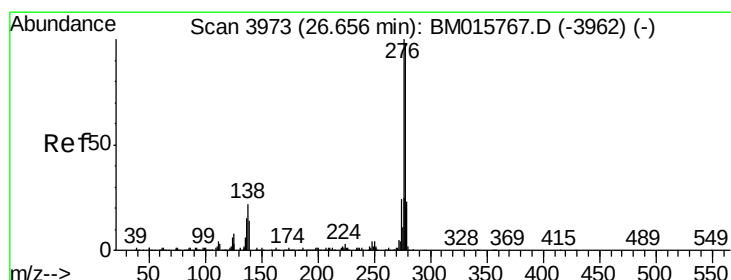
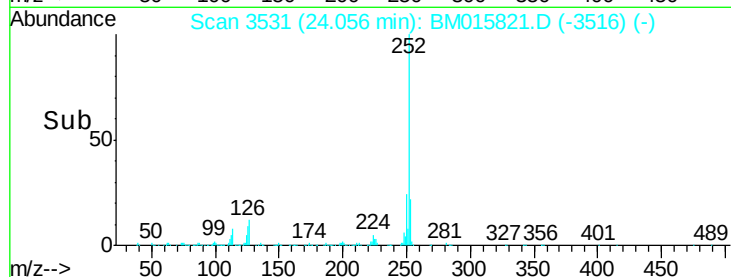
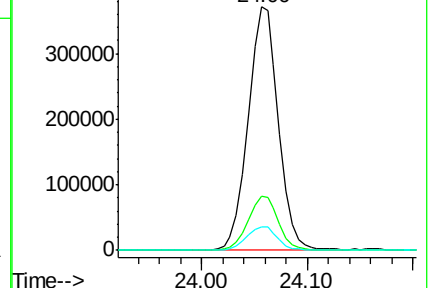
125 9.5 7.4 11.2



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: 41.118 ng

RT: 26.64 min Scan# 3970

Delta R.T. -0.02 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

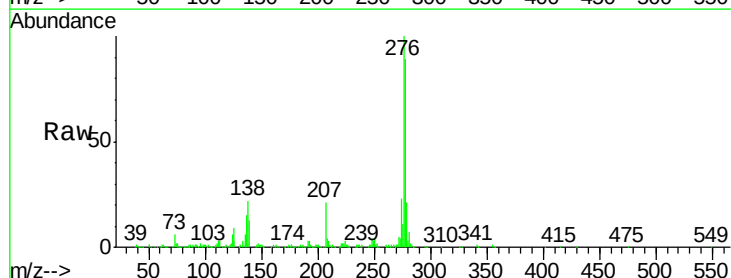
Tgt Ion: 278 Resp: 743591

Ion Ratio Lower Upper

278 100

139 14.3 13.4 20.0

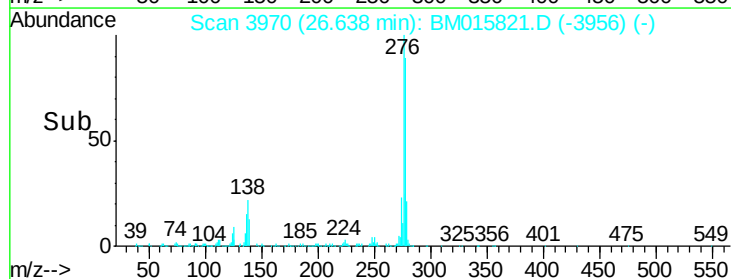
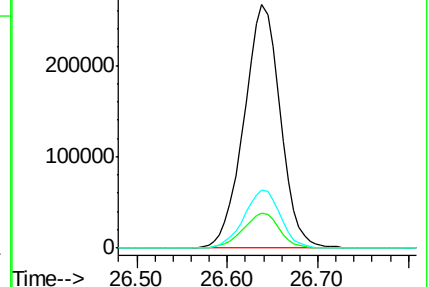
279 23.7 19.0 28.4

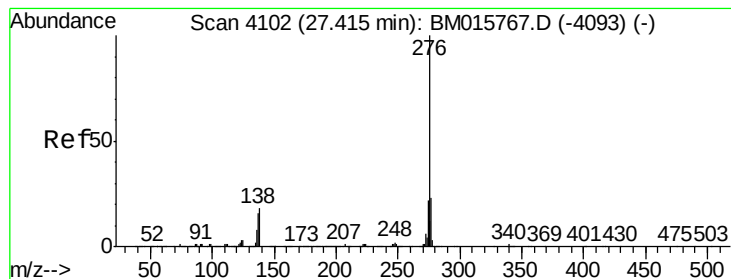


Abundance Ion 278.00 (277.70 to 278.70): E

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: 45.381 ng

RT: 27.40 min Scan# 4100

Delta R.T. -0.01 min

Lab File: BM015821.D

Acq: 07 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

PB110836BS

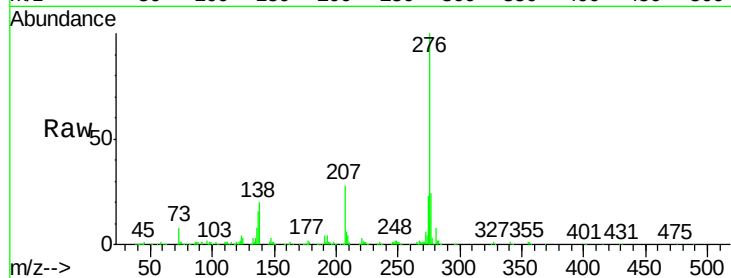
Tgt Ion: 276 Resp: 721082

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 19.6 19.0 28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

