

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071018\
 Data File : BM015873.D
 Acq On : 10 Jul 2018 18:17
 Operator : SJ/JU
 Sample : J3827-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

Quant Time: Jul 11 03:46:16 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	83818	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	350200	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	220066	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	511502	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	520849	20.00	ng	-0.01
86) Perylene-d12	24.15	264	417600	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	750722	153.60	ng	-0.01
7) Phenol-d6	7.45	99	967234	144.56	ng	-0.01
23) Nitrobenzene-d5	9.49	82	741047	103.25	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	497292	172.94	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	1605104	90.55	ng	-0.02
78) Terphenyl-d14	20.21	244	3133518	111.59	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	78227	38.701	ng	# 100
3) Pyridine	4.02	79	163740	30.698	ng	# 80
4) n-Nitrosodimethylamine	3.92	42	183629	44.213	ng	# 43
6) Aniline	7.62	93	111744	13.775	ng	# 88
8) 2-Chlorophenol	7.86	128	288380	49.163	ng	94
9) Benzaldehyde	7.43	77	157407	37.325	ng	90
10) Phenol	7.48	94	314566	46.789	ng	92
11) bis(2-Chloroethyl)ether	7.72	93	237965	43.511	ng	89
12) 1,3-Dichlorobenzene	8.18	146	281971	43.356	ng	# 91
13) 1,4-Dichlorobenzene	8.33	146	290484	43.193	ng	# 95
14) 1,2-Dichlorobenzene	8.66	146	286733	44.084	ng	95
15) Benzyl Alcohol	8.55	79	271556	46.749	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.83	45	385487	64.539	ng	98
17) 2-Methylphenol	8.75	107	235148	50.484	ng	# 85
18) Hexachloroethane	9.38	117	121022	45.509	ng	97
19) n-Nitroso-di-n-propylamine	9.12	70	233293	43.384	ng	# 78
20) 3+4-Methylphenols	9.08	107	316537	48.925	ng	90
22) Acetophenone	9.14	105	435594	47.748	ng	# 87
24) Nitrobenzene	9.53	77	360708	51.627	ng	98
25) Isophorone	10.05	82	622077	56.784	ng	# 94
26) 2-Nitrophenol	10.24	139	155180	51.580	ng	# 61
27) 2,4-Dimethylphenol	10.29	122	272280	59.574	ng	# 84
28) bis(2-Chloroethoxy)methane	10.52	93	357388	50.073	ng	99
29) 2,4-Dichlorophenol	10.77	162	277535	54.828	ng	98
30) 1,2,4-Trichlorobenzene	10.99	180	279028	47.459	ng	96
31) Naphthalene	11.17	128	882718	48.617	ng	99
32) Benzoic acid	10.47	122	175199	43.296	ng	90
33) 4-Chloroaniline	11.30	127	34975	4.725	ng	# 86
34) Hexachlorobutadiene	11.43	225	178794	45.567	ng	96
35) Caprolactam	12.10	113	75378	44.902	ng	# 83
36) 4-Chloro-3-methylphenol	12.40	107	329037	56.651	ng	87
37) 2-Methylnaphthalene	12.76	142	679159	52.583	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	324921	46.003	ng	# 100
40) Hexachlorocyclopentadiene	13.09	237	341537	100.770	ng	98

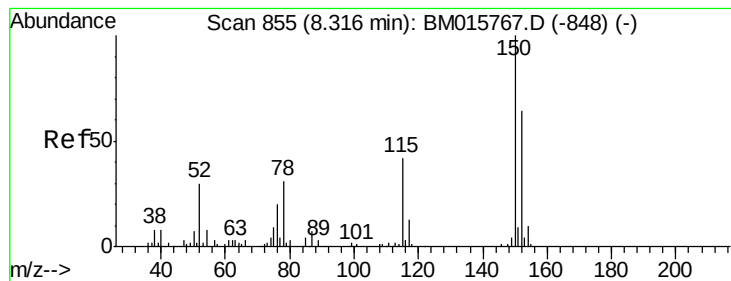
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071018\
 Data File : BM015873.D
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 BNA_M
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Quant Time: Jul 11 03:46:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070518.M
 Quant Title : 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)
42) 2,4,6-Trichlorophenol	13.37	196	227880	51.040	ng	99
43) 2,4,5-Trichlorophenol	13.45	196	245701	50.944	ng #	85
45) 1,1'-Biphenyl	13.76	154	886363	46.585	ng	98
46) 2-Chloronaphthalene	13.81	162	686503	48.257	ng #	91
47) 2-Nitroaniline	14.02	65	246446	49.677	ng #	80
48) Acenaphthylene	14.64	152	1148346	49.621	ng	100
49) Dimethylphthalate	14.37	163	952658	49.085	ng	99
50) 2,6-Dinitrotoluene	14.51	165	198810	52.537	ng #	72
51) Acenaphthene	14.99	154	661851	45.961	ng	97
52) 3-Nitroaniline	14.84	138	55875	13.490	ng #	72
53) 2,4-Dinitrophenol	15.06	184	212339	109.319	ng #	88
54) Dibenzofuran	15.32	168	1092355	49.228	ng #	87
55) 4-Nitrophenol	15.14	139	307930	100.734	ng #	75
56) 2,4-Dinitrotoluene	15.29	165	292186	53.482	ng	96
57) Fluorene	15.96	166	902813	49.338	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	221245	54.362	ng #	100
59) Diethylphthalate	15.72	149	1027158	49.386	ng	97
60) 4-Chlorophenyl-phenylether	15.94	204	439322	46.658	ng #	86
61) 4-Nitroaniline	16.00	138	178456	41.531	ng #	38
62) Azobenzene	16.23	77	1064403	54.596	ng	79
64) 4,6-Dinitro-2-methylphenol	16.06	198	146162	47.004	ng	88
65) n-Nitrosodiphenylamine	16.16	169	755028	43.079	ng	97
66) 4-Bromophenyl-phenylether	16.83	248	270137	47.301	ng #	81
67) Hexachlorobenzene	16.95	284	299885	46.991	ng #	74
68) Atrazine	17.09	200	259322	44.982	ng	98
69) Pentachlorophenol	17.30	266	348286	88.198	ng	98
70) Phenanthrene	17.69	178	1421456	48.574	ng	98
71) Anthracene	17.78	178	1449857	50.451	ng	98
72) Carbazole	18.04	167	1289772	48.162	ng	98
73) Di-n-butylphthalate	18.56	149	1806790	50.056	ng #	97
74) Fluoranthene	19.67	202	1655712	49.216	ng	98
76) Benzidine	19.85	184	52476	3.439	ng	98
77) Pyrene	20.03	202	1679431	51.763	ng	99
79) Butylbenzylphthalate	20.87	149	852029	54.327	ng #	83
80) Benzo(a)anthracene	21.74	228	1640484	49.677	ng	99
81) 3,3'-Dichlorobenzidine	21.66	252	203780	17.175	ng	97
82) Chrysene	21.79	228	1505105	48.926	ng	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	1223420	52.795	ng	96
84) Di-n-octyl phthalate	22.54	149	2007995	53.142	ng #	90
85) Indeno(1,2,3-cd)pyrene	26.63	276	1305544	45.679	ng #	93
87) Benzo(b)fluoranthene	23.42	252	1407858	50.495	ng #	97
88) Benzo(k)fluoranthene	23.47	252	1386060	51.177	ng	98
89) Benzo(a)pyrene	24.05	252	1273289	51.881	ng	99
90) Dibenzo(a,h)anthracene	26.63	278	1131623	51.247	ng	97
91) Benzo(g,h,i)perylene	27.39	276	1003050	51.698	ng #	94

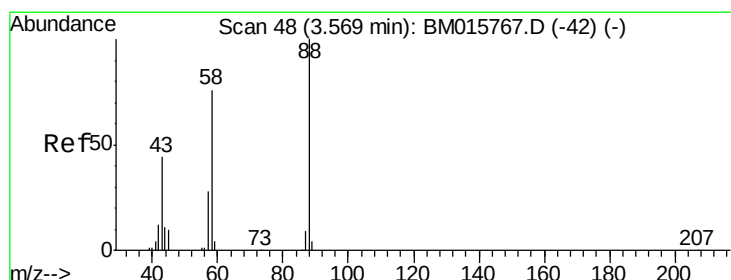
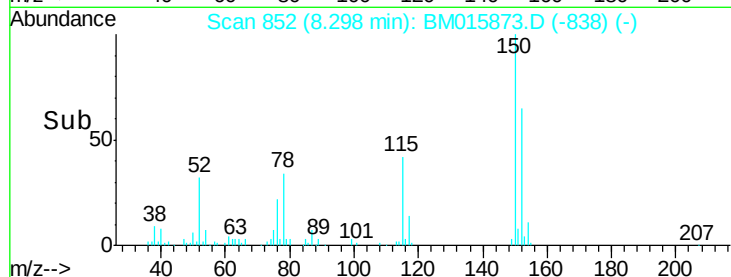
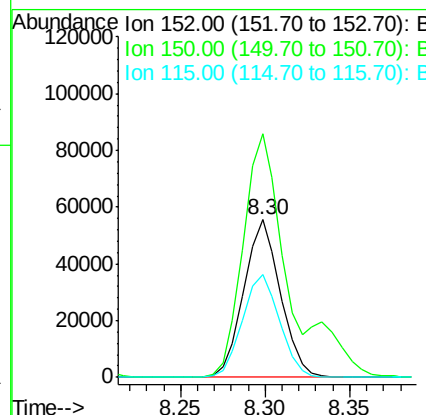
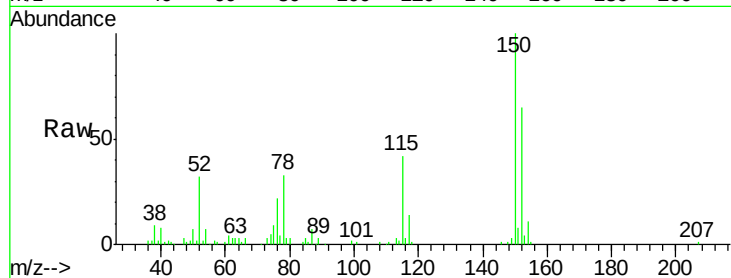
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

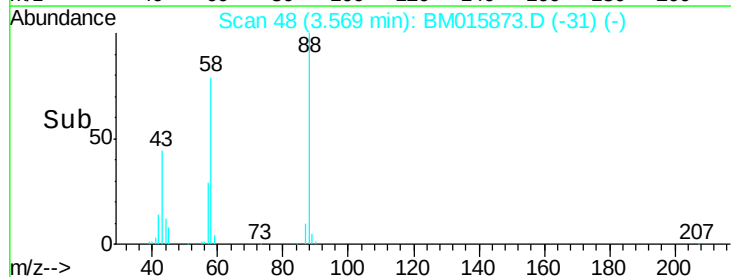
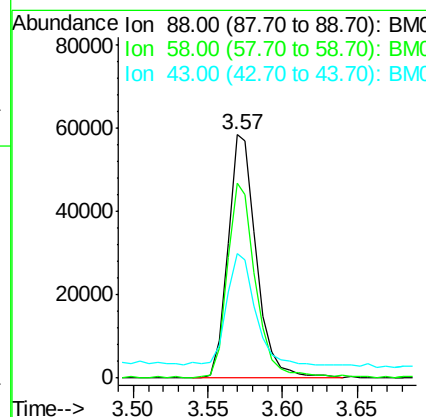
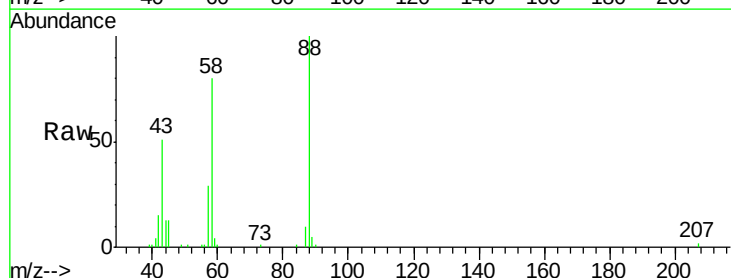
Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

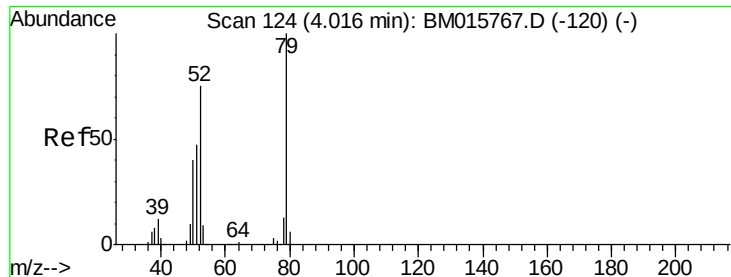
Tgt Ion:152 Resp: 83818
 Ion Ratio Lower Upper
 152 100
 150 154.7 119.5 179.3
 115 65.1 43.0 64.4#



#2
 1,4-Dioxane
 Concen: 38.701 ng
 RT: 3.57 min Scan# 48
 Delta R.T. -0.00 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion: 88 Resp: 78227
 Ion Ratio Lower Upper
 88 100
 58 80.2 0.0 0.0#
 43 45.9 0.0 0.0#





#3

Pyridine

Concen: 30.698 ng

RT: 4.02 min Scan# 124

Delta R.T. -0.00 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

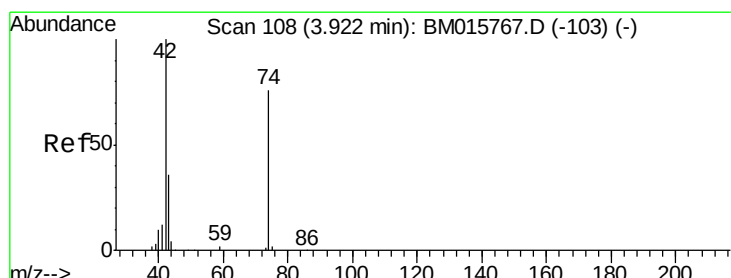
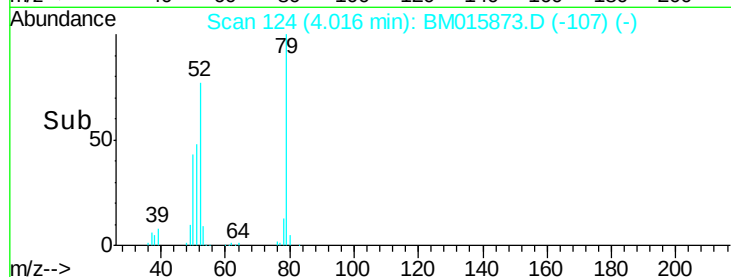
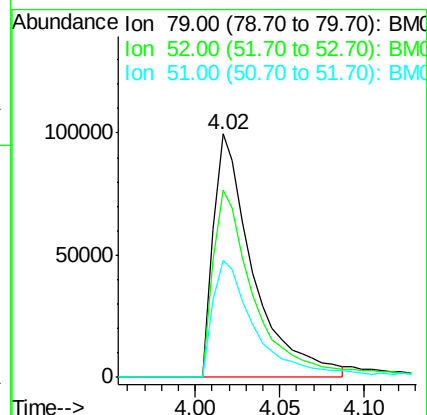
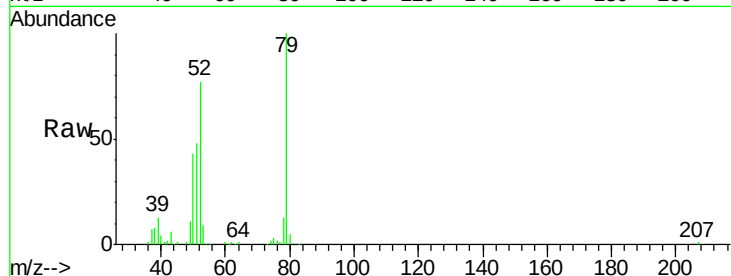
Tgt Ion: 79 Resp: 163740

Ion Ratio Lower Upper

79 100

52 76.9 51.1 76.7#

51 48.0 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 44.213 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

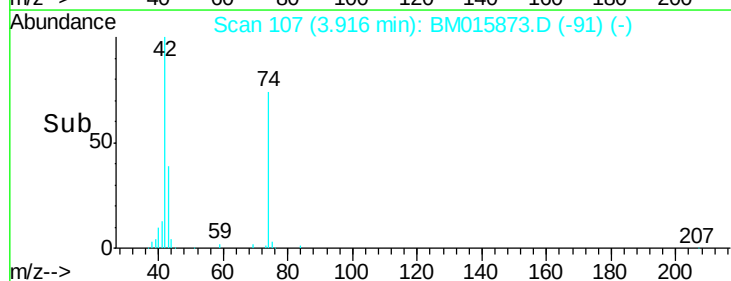
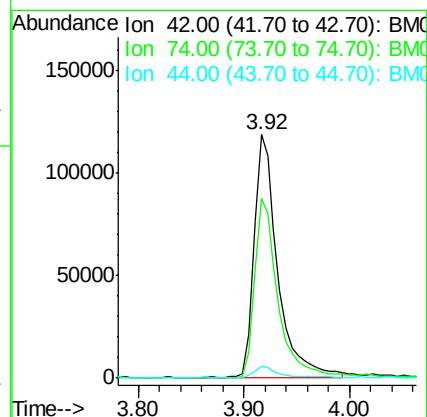
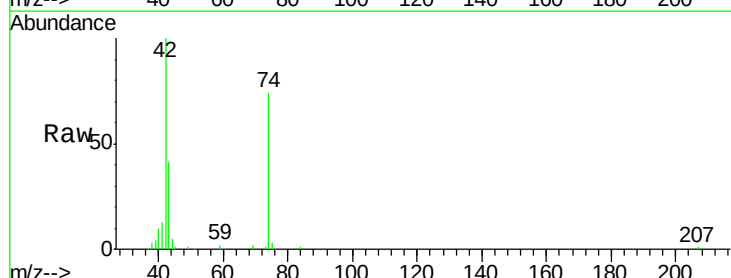
Tgt Ion: 42 Resp: 183629

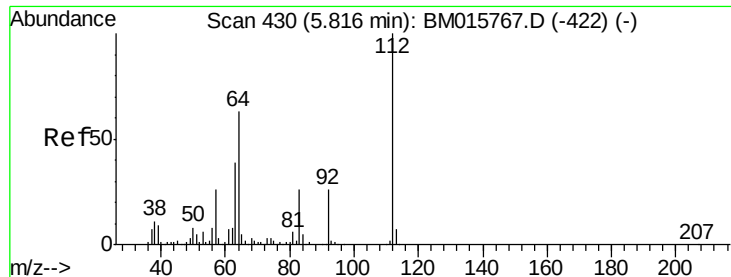
Ion Ratio Lower Upper

42 100

74 73.8 119.3 178.9#

44 4.9 5.4 8.2#





#5

2-Fluorophenol

Concen: 44.213 ng

RT: 5.80 min Scan# 428

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

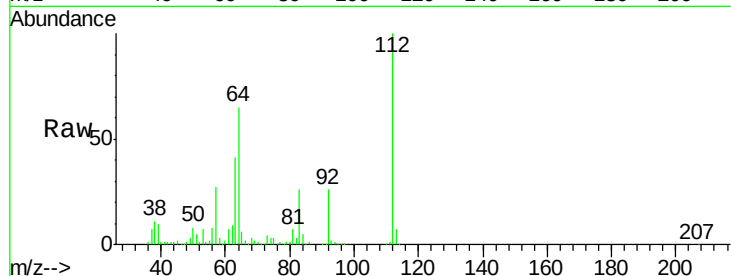
Tgt Ion: 112 Resp: 750722

Ion Ratio Lower Upper

112 100

64 64.8 38.6 57.8#

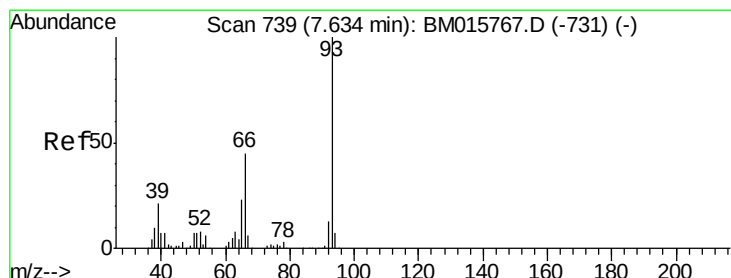
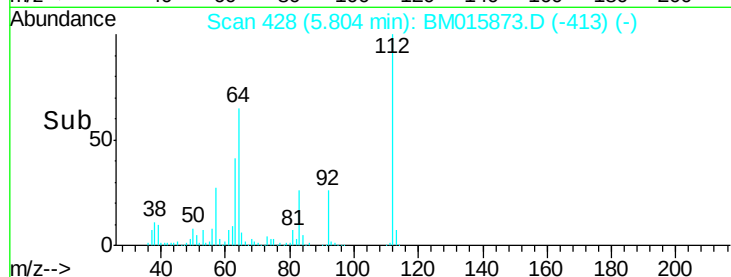
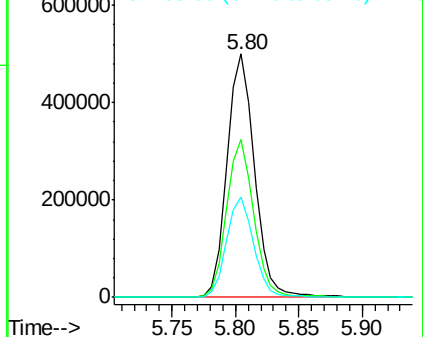
63 41.4 19.3 28.9#



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: 13.775 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

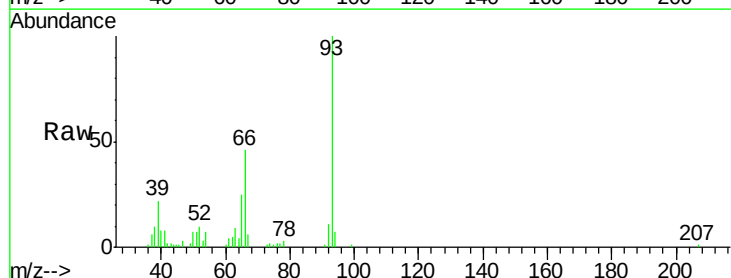
Tgt Ion: 93 Resp: 111744

Ion Ratio Lower Upper

93 100

66 46.0 30.8 46.2

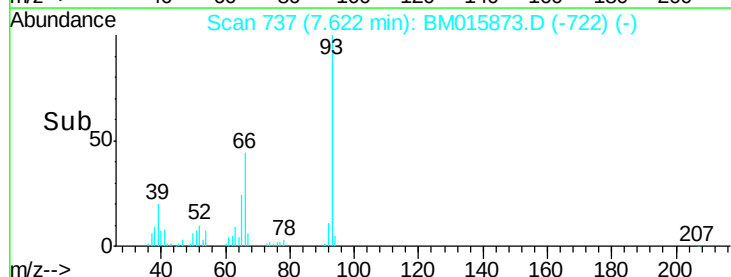
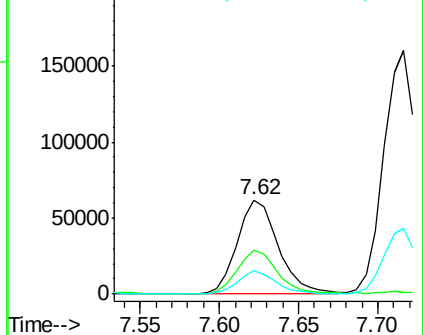
65 24.9 16.0 24.0#

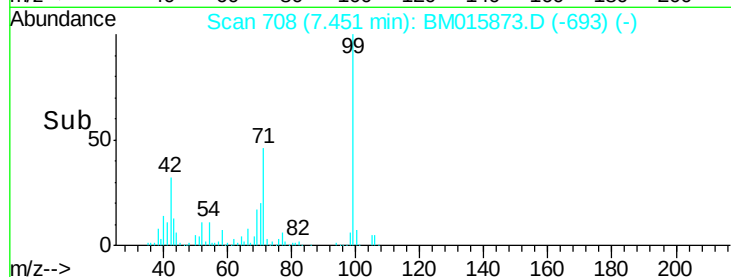
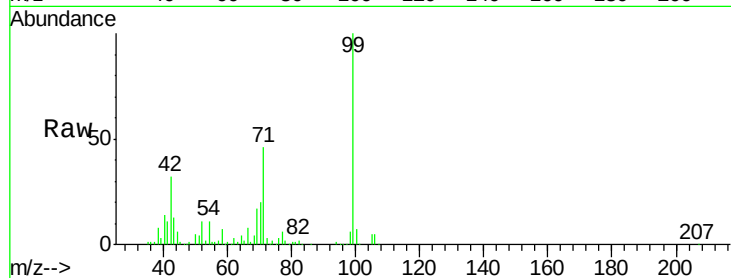
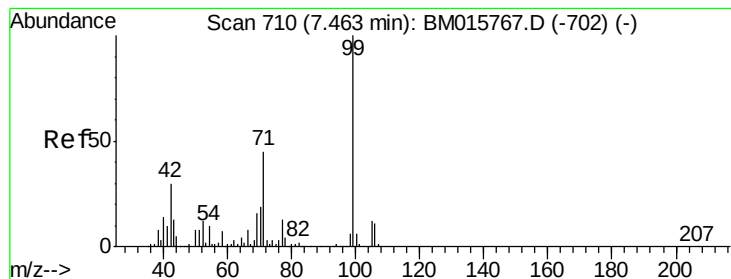


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 13.775 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

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BNA_M

ClientSampleId :

OR-03-070918MSD

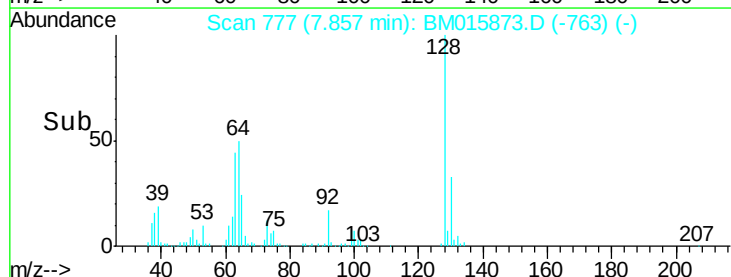
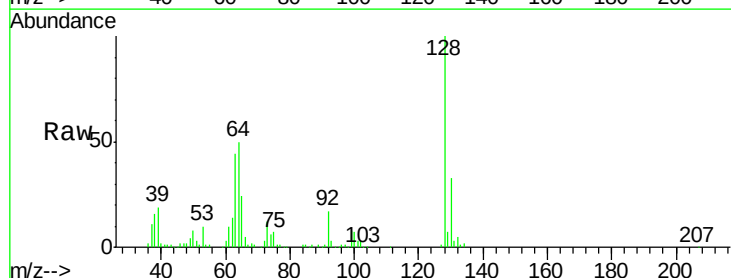
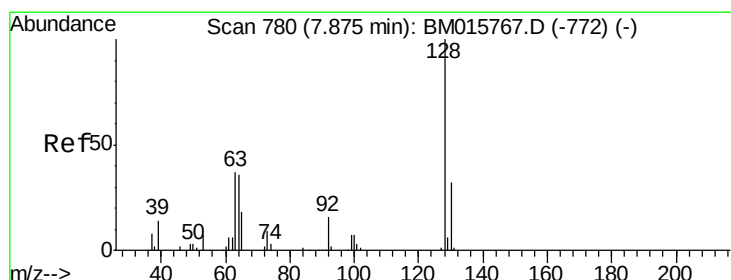
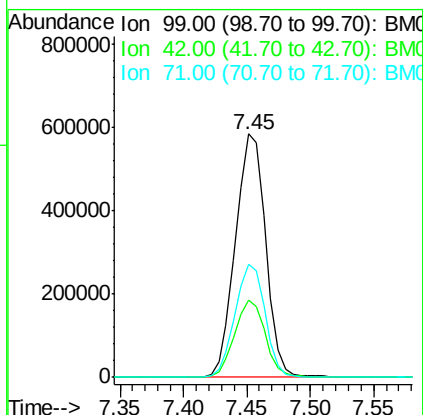
Tgt Ion: 99 Resp: 967234

Ion Ratio Lower Upper

99 100

42 31.7 11.0 16.4#

71 46.3 23.4 35.2#



#8

2-Chlorophenol

Concen: 49.163 ng

RT: 7.86 min Scan# 777

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

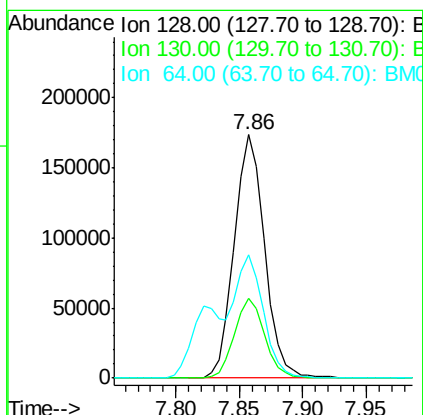
Tgt Ion: 128 Resp: 288380

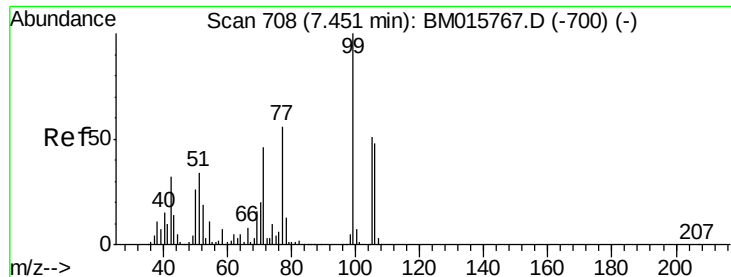
Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

64 50.5 24.9 64.9





#9

Benzaldehyde

Concen: 37.325 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

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OR-03-070918MSD

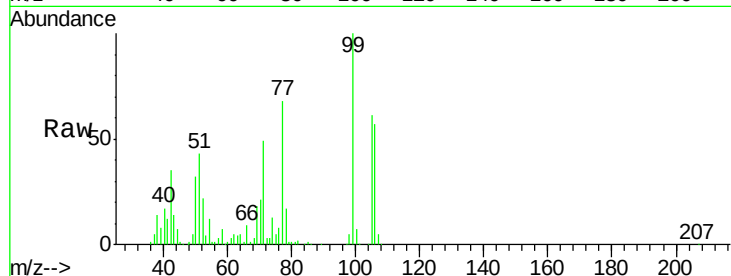
Tgt Ion: 77 Resp: 157407

Ion Ratio Lower Upper

77 100

105 89.1 78.8 118.8

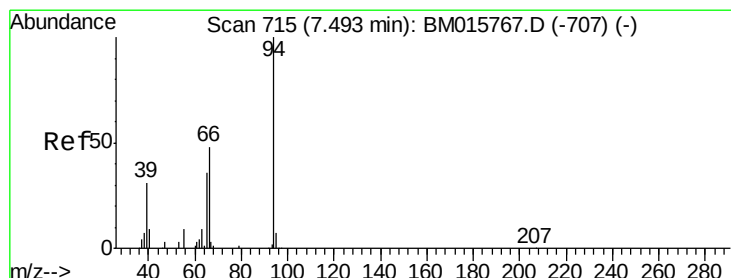
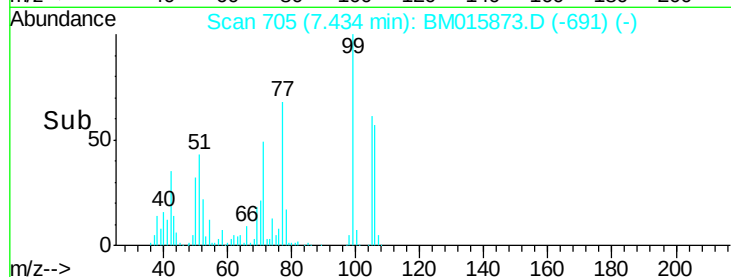
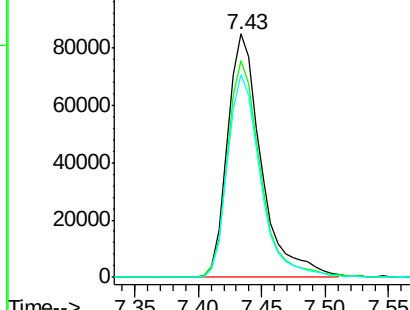
106 83.4 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM015873.D (-691) (-)

Ion 105.00 (104.70 to 105.70): BM015873.D (-691) (-)

Ion 106.00 (105.70 to 106.70): BM015873.D (-691) (-)



#10

Phenol

Concen: 46.789 ng

RT: 7.48 min Scan# 713

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

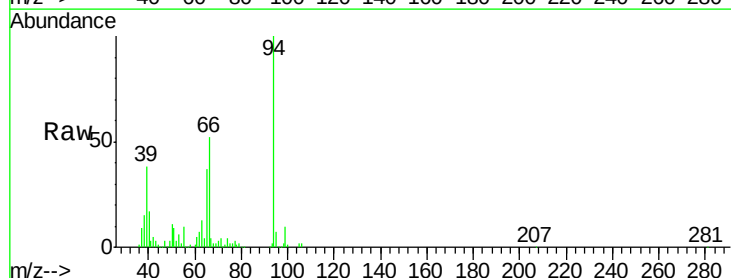
Tgt Ion: 94 Resp: 314566

Ion Ratio Lower Upper

94 100

65 36.7 18.8 58.8

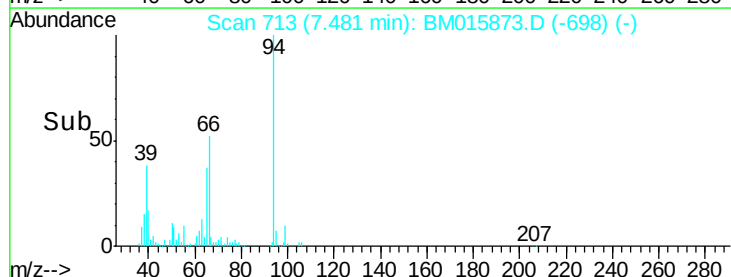
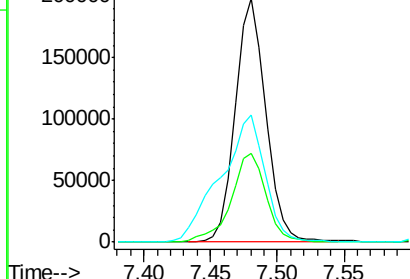
66 52.2 39.9 79.9

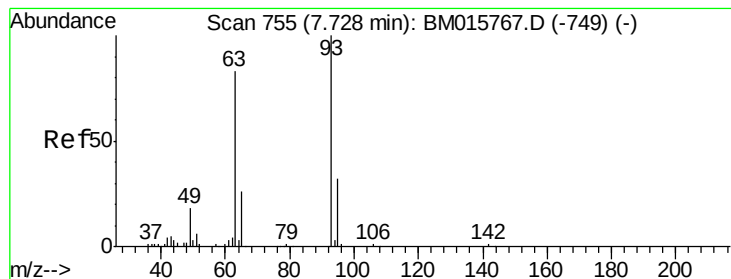


Abundance Ion 94.00 (93.70 to 94.70): BM015873.D (-698) (-)

Ion 65.00 (64.70 to 65.70): BM015873.D (-698) (-)

Ion 66.00 (65.70 to 66.70): BM015873.D (-698) (-)





#11

bis(2-Chloroethyl)ether

Concen: 43.511 ng

RT: 7.72 min Scan# 753

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

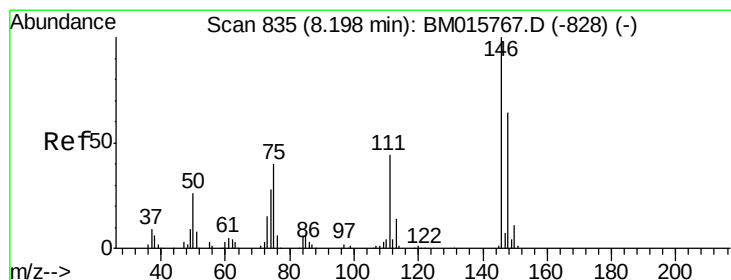
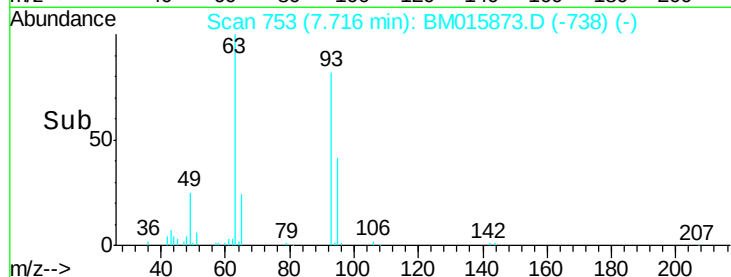
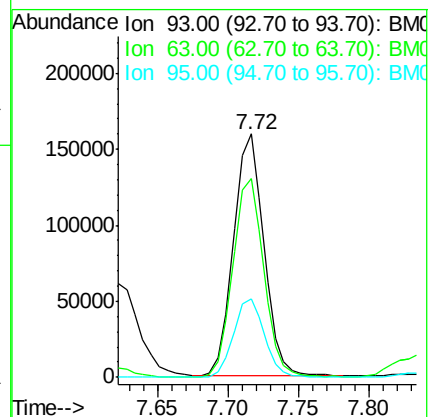
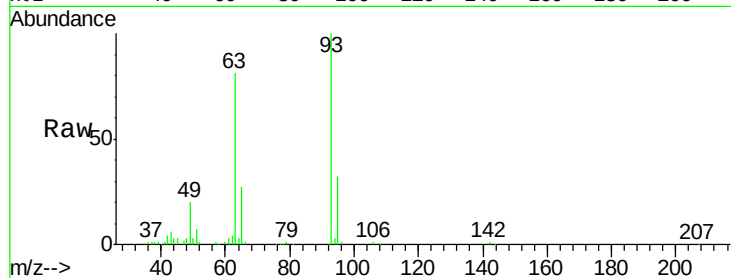
Tgt Ion: 93 Resp: 237965

Ion Ratio Lower Upper

93 100

63 81.5 49.5 89.5

95 32.4 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 43.356 ng

RT: 8.18 min Scan# 832

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

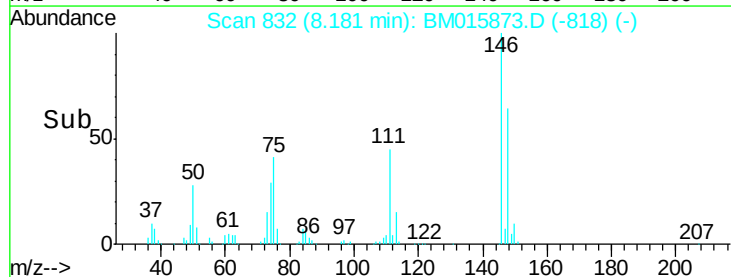
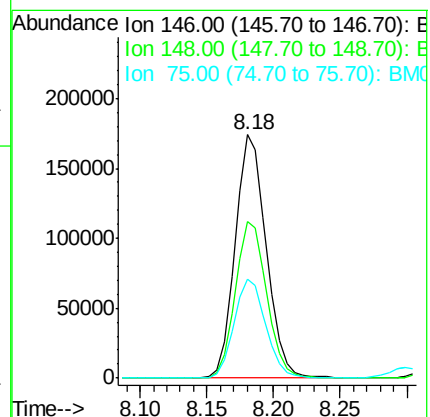
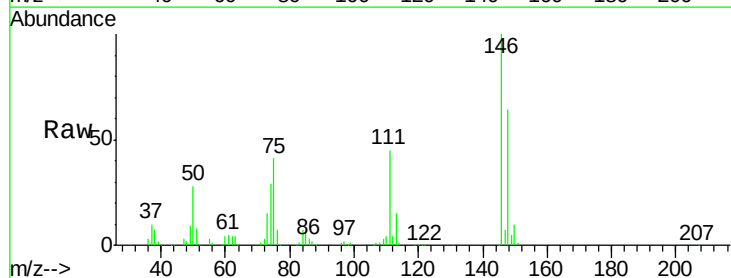
Tgt Ion: 146 Resp: 281971

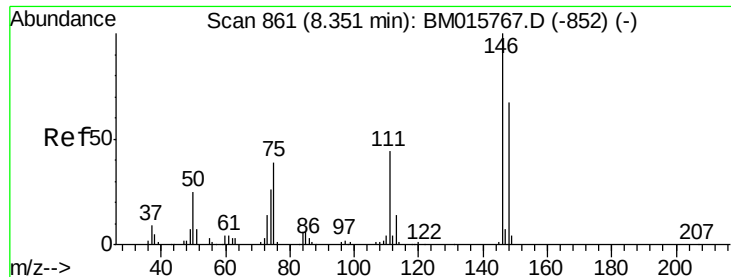
Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

75 40.7 21.4 32.2#

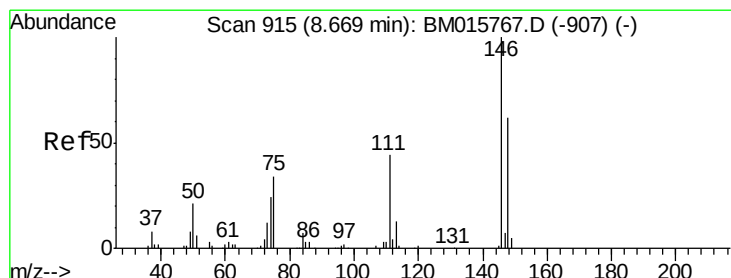
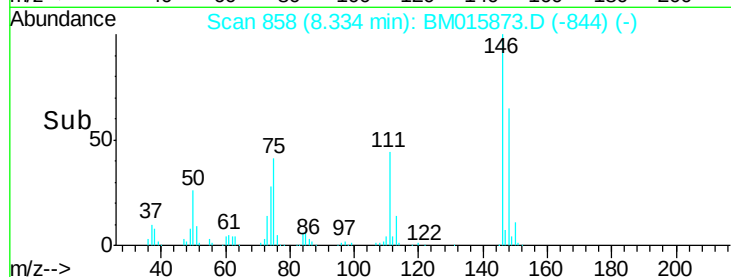
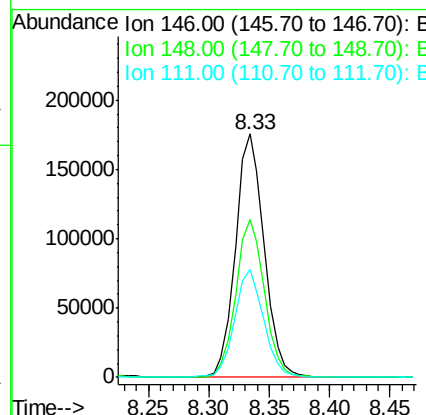
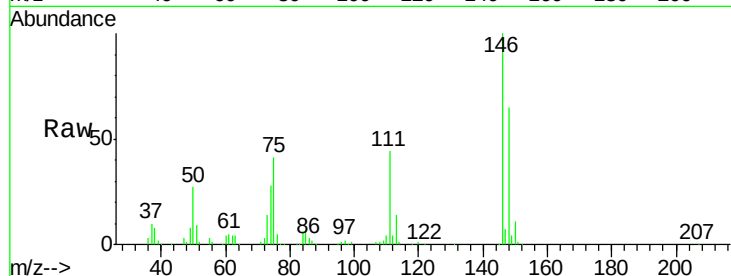




#13
 1,4-Dichlorobenzene
 Concen: 43.193 ng
 RT: 8.33 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

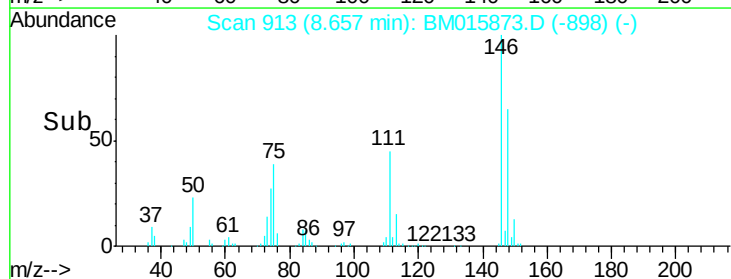
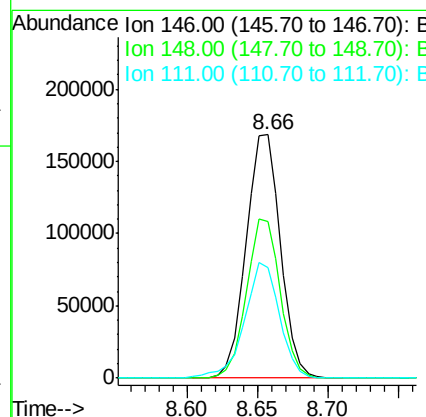
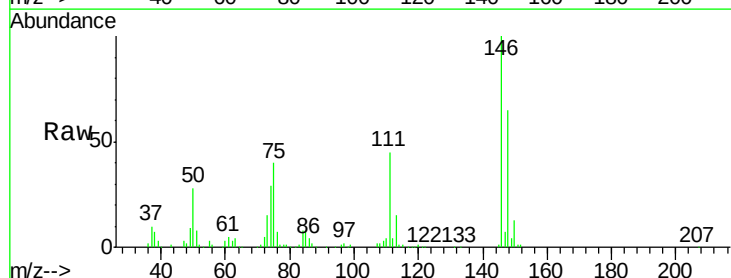
Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

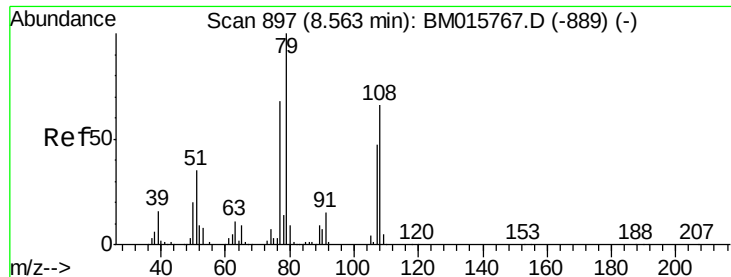
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	44.2	29.2	43.8



#14
 1,2-Dichlorobenzene
 Concen: 44.084 ng
 RT: 8.66 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.3	78.5
111	45.1	30.6	45.8





#15

Benzyl Alcohol

Concen: 46.749 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

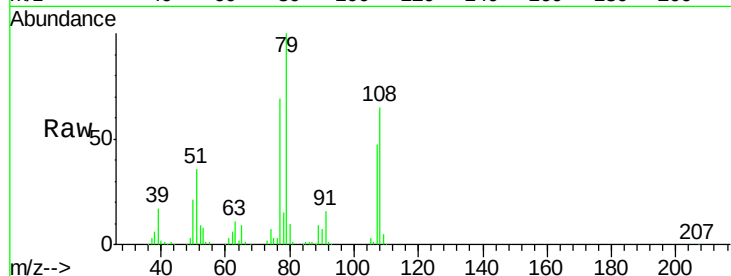
Tgt Ion: 79 Resp: 271556

Ion Ratio Lower Upper

79 100

108 65.3 65.0 97.4

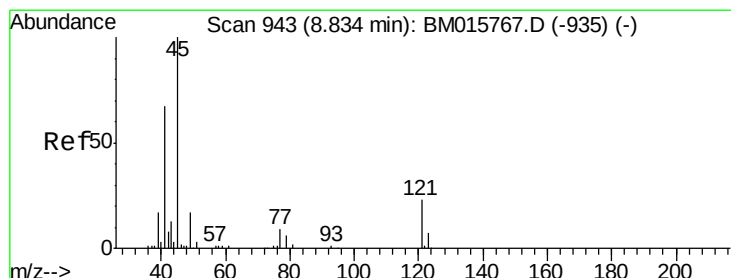
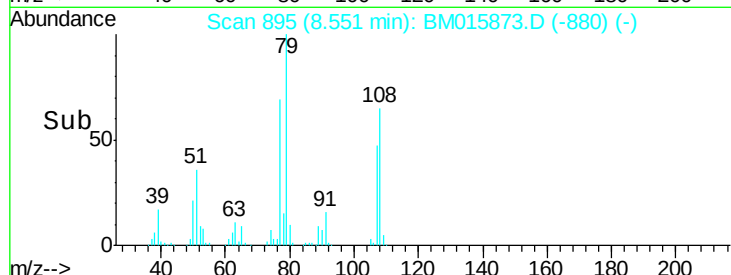
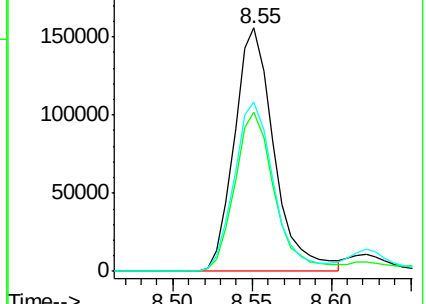
77 69.5 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM015873.D (-880) (-)

Ion 108.00 (107.70 to 108.70): BM015873.D (-880) (-)

Ion 77.00 (76.70 to 77.70): BM015873.D (-880) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 64.539 ng

RT: 8.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

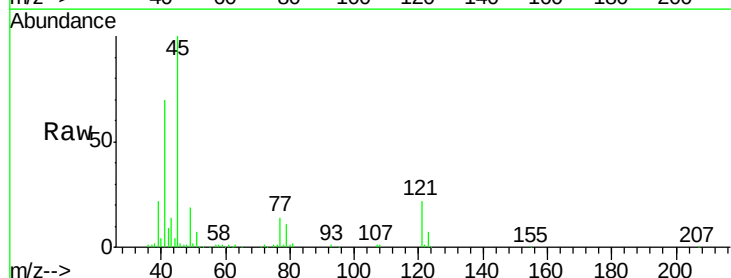
Tgt Ion: 45 Resp: 385487

Ion Ratio Lower Upper

45 100

77 14.4 0.0 35.2

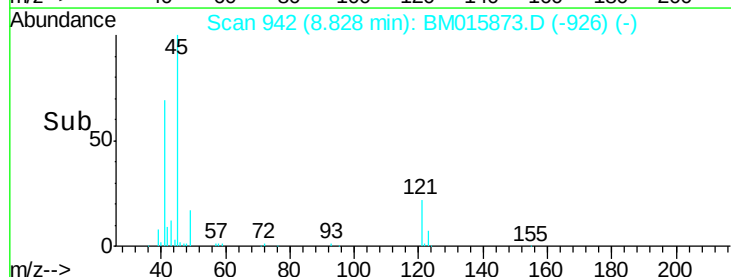
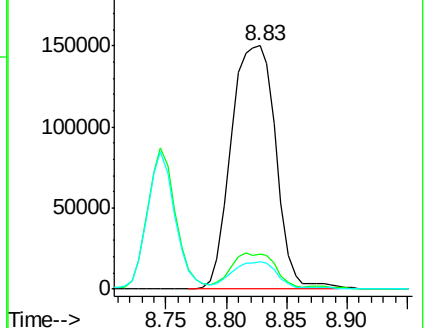
79 11.3 0.0 32.0

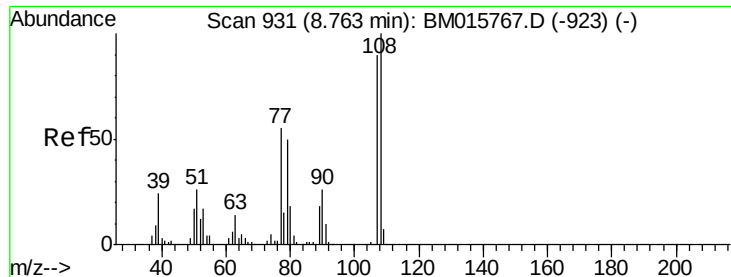


Abundance Ion 45.00 (44.70 to 45.70): BM015873.D (-926) (-)

Ion 77.00 (76.70 to 77.70): BM015873.D (-926) (-)

Ion 79.00 (78.70 to 79.70): BM015873.D (-926) (-)

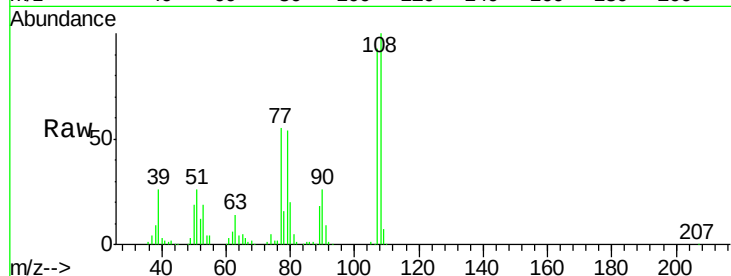




#17
2-Methylphenol
Concen: 50.484 ng
RT: 8.75 min Scan# 928
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	107.3	89.8	134.8
77	59.3	32.6	48.8#
79	57.9	32.8	49.2#



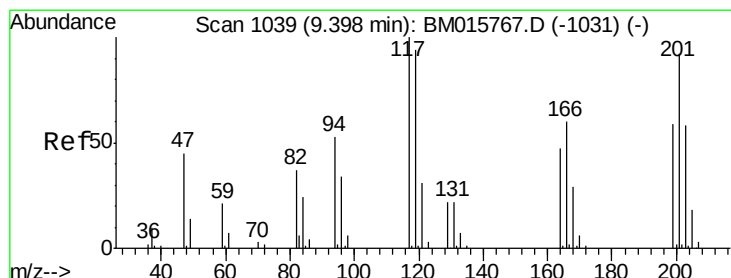
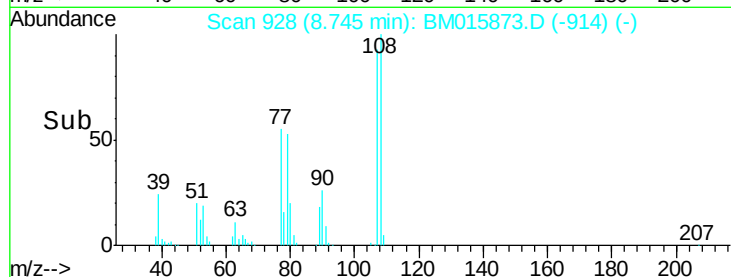
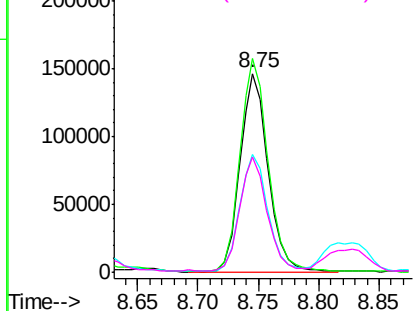
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

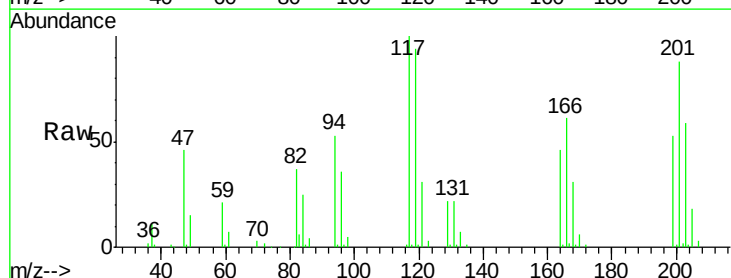
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 45.509 ng
RT: 9.38 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	79.2	118.8
201	88.2	69.8	104.6

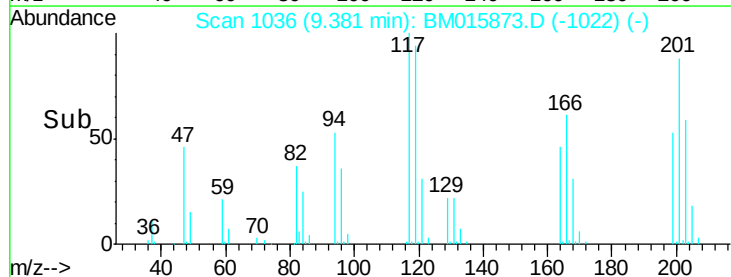
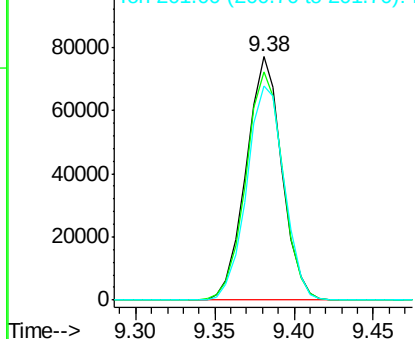


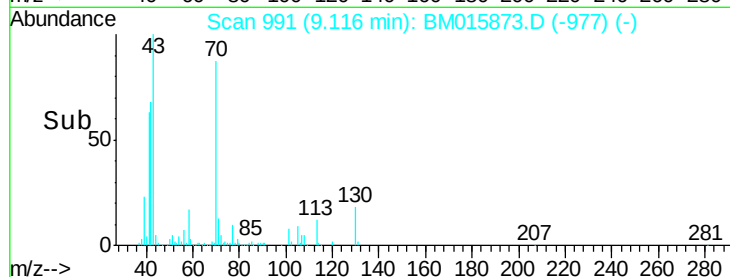
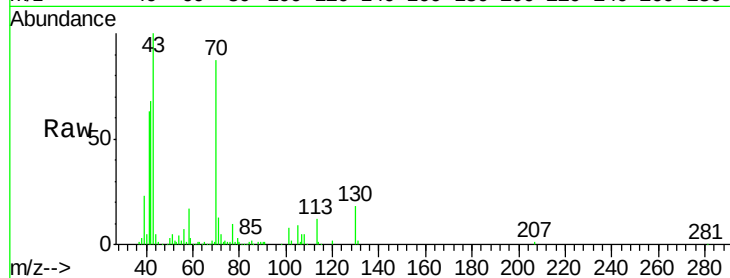
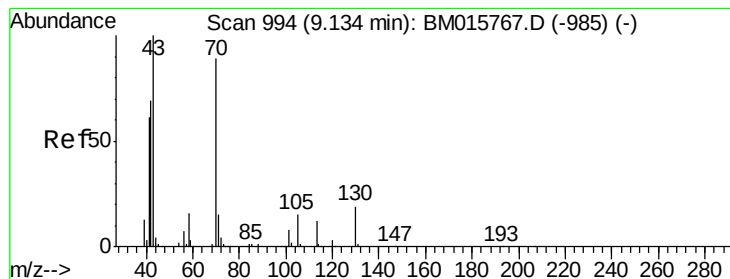
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.384 ng

RT: 9.12 min Scan# 991

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

Tgt Ion: 70 Resp: 233293

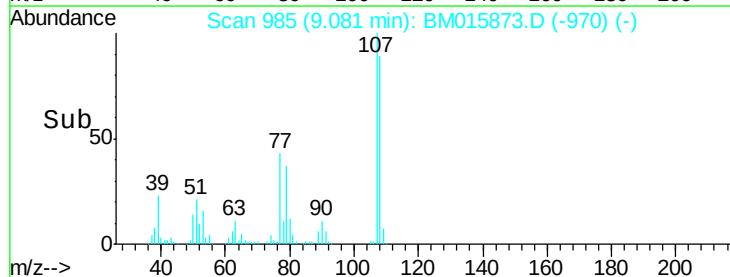
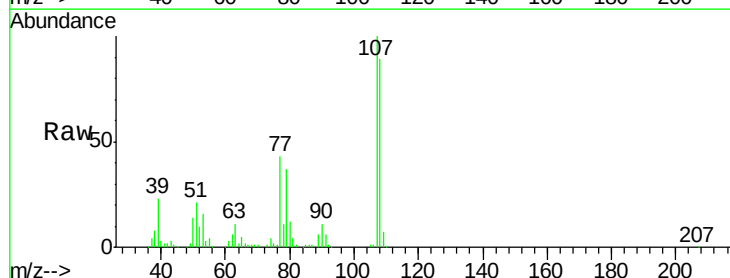
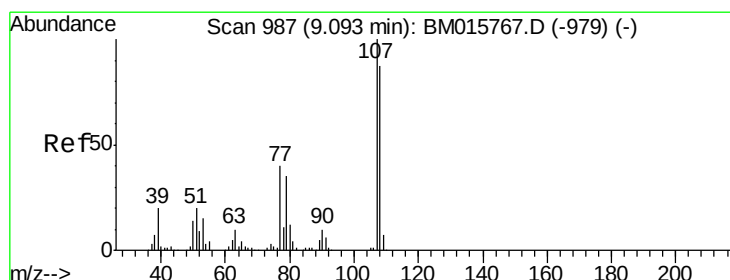
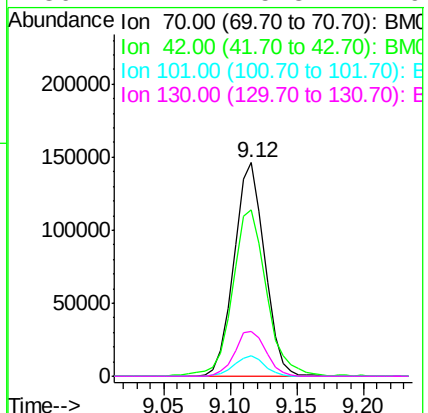
Ion Ratio Lower Upper

70 100

42 78.2 44.5 66.7#

101 9.3 7.4 11.2

130 21.1 15.3 22.9



#20

3+4-Methylphenols

Concen: 48.925 ng

RT: 9.08 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Tgt Ion: 107 Resp: 316537

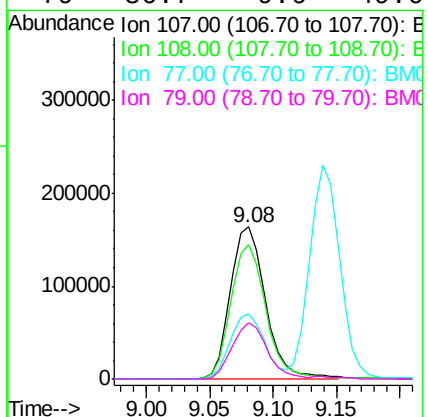
Ion Ratio Lower Upper

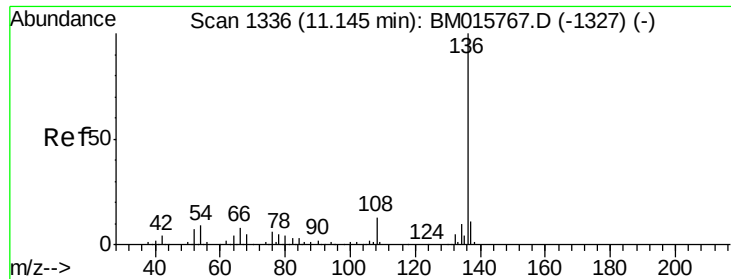
107 100

108 88.7 73.2 113.2

77 43.2 10.7 50.7

79 36.7 9.6 49.6

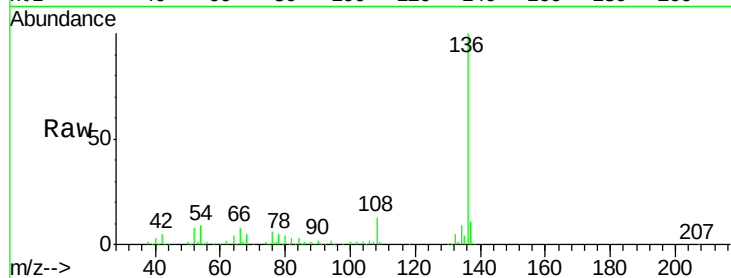




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tgt Ion:	136	Resp:	350200
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.7	4.6	6.8#
68	4.7	3.7	5.5



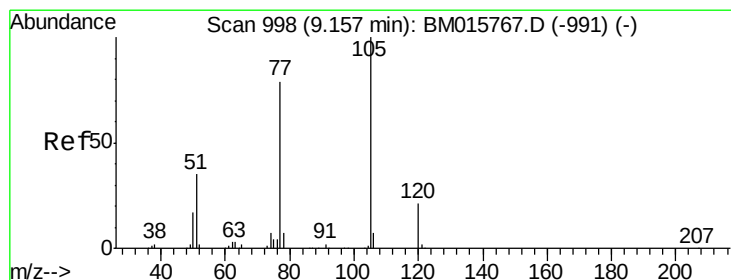
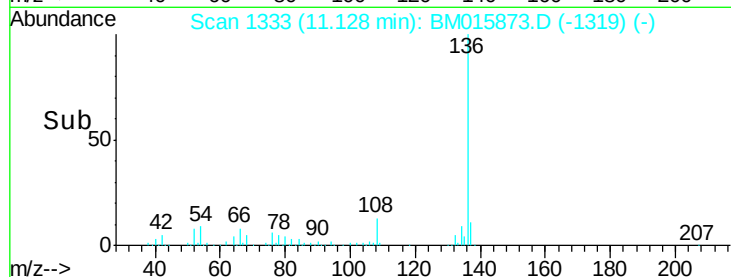
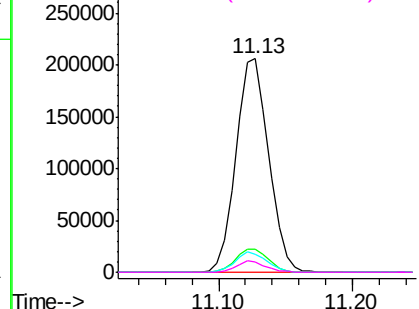
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

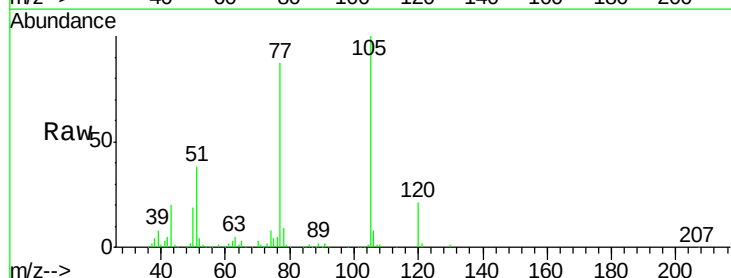
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 47.748 ng
RT: 9.14 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion:	105	Resp:	435594
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.6	1.0#
51	37.8	21.6	32.4#
120	21.3	16.1	24.1



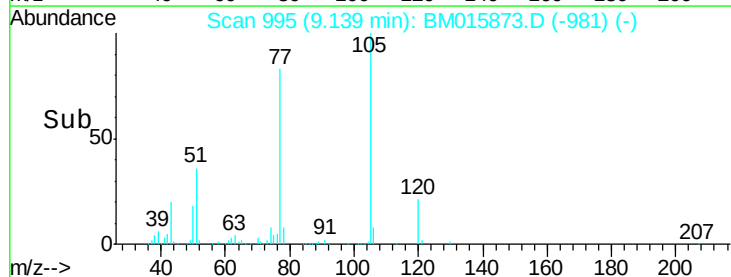
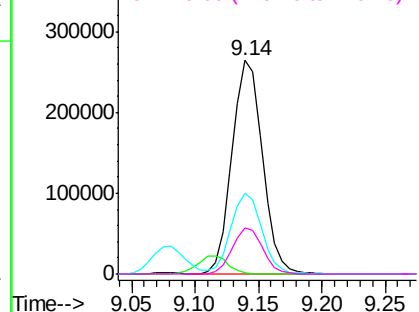
Abundance

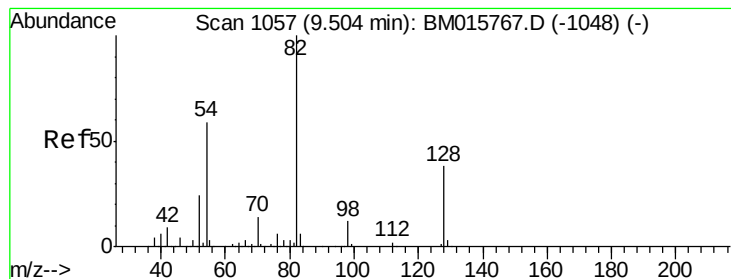
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 47.748 ng

RT: 9.49 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

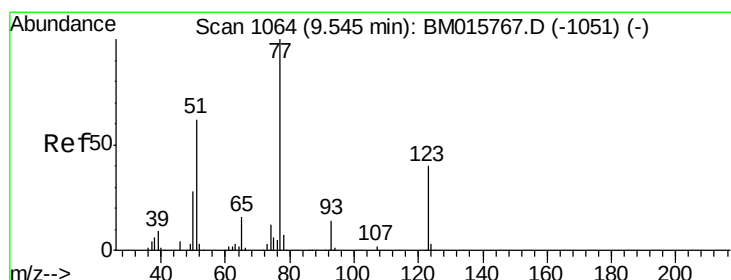
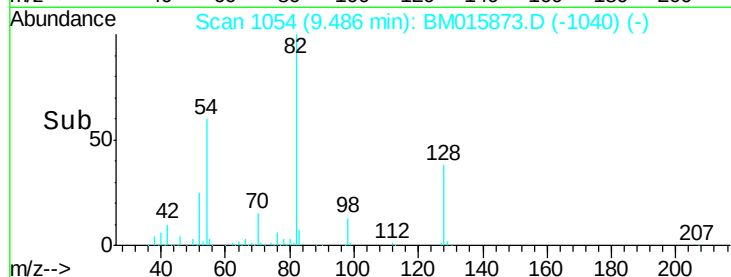
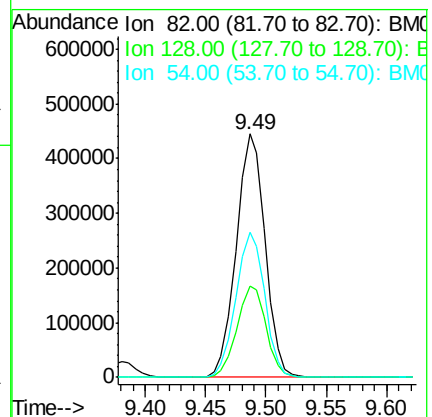
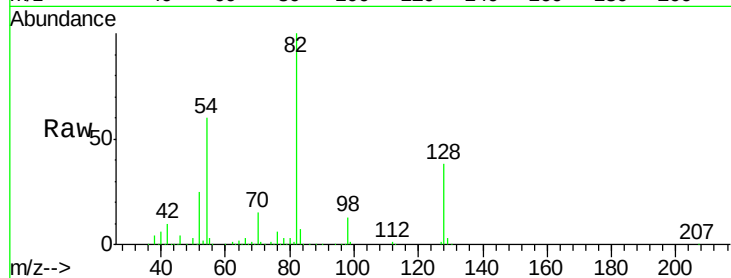
Tgt Ion: 82 Resp: 741047

Ion Ratio Lower Upper

82 100

128 37.7 32.8 49.2

54 59.6 40.6 60.8



#24

Nitrobenzene

Concen: 51.627 ng

RT: 9.53 min Scan# 1061

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

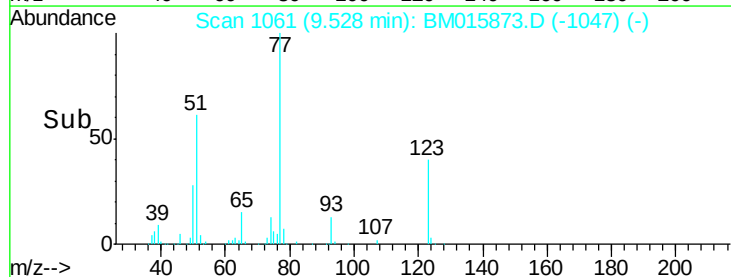
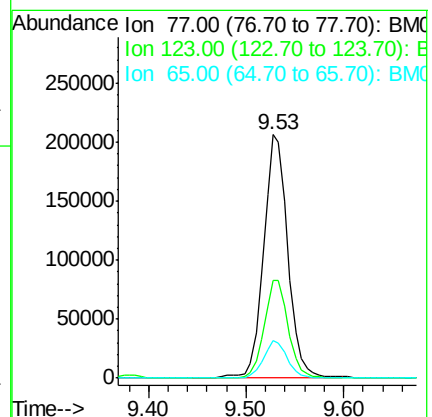
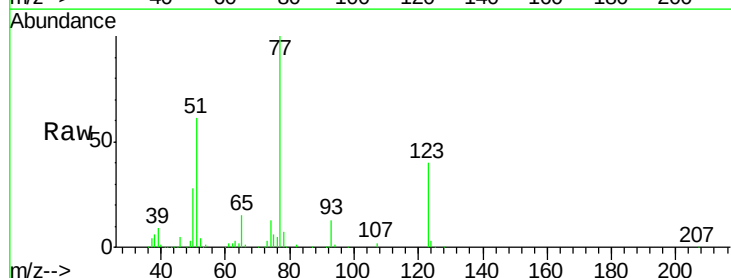
Tgt Ion: 77 Resp: 360708

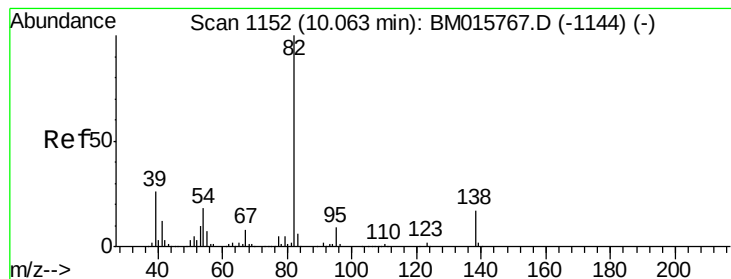
Ion Ratio Lower Upper

77 100

123 40.1 32.6 49.0

65 15.3 10.9 16.3





#25

Isophorone

Concen: 56.784 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

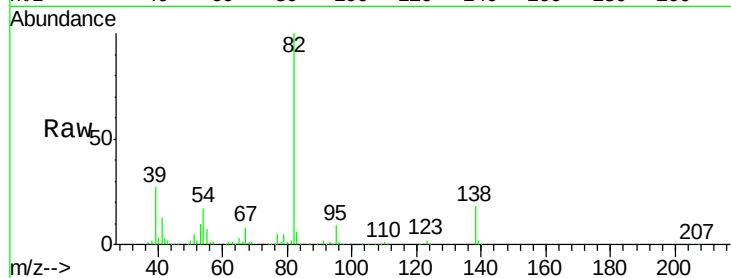
Tgt Ion: 82 Resp: 622077

Ion Ratio Lower Upper

82 100

95 8.8 5.8 8.6#

138 17.5 16.3 24.5

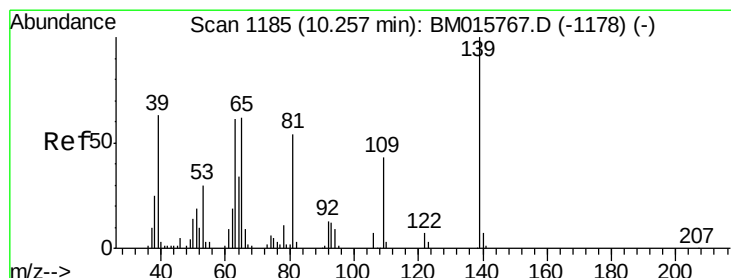
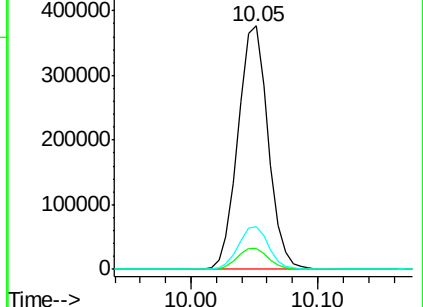
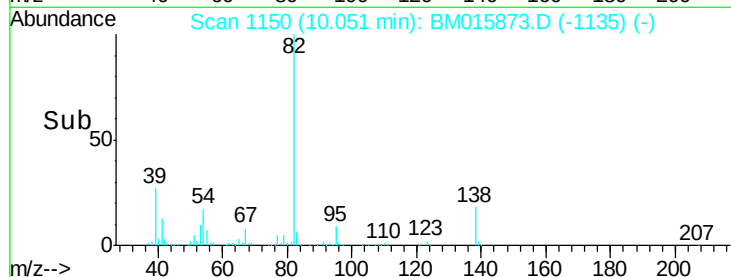


Abundance Ion 82.00 (81.70 to 82.70): BM015767.D (-1144) (-)

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

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

Time-->



#26

2-Nitrophenol

Concen: 51.580 ng

RT: 10.24 min Scan# 1182

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

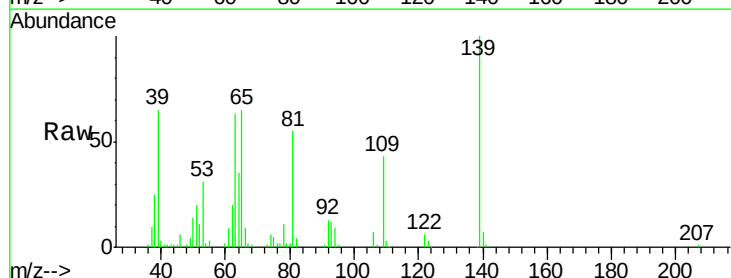
Tgt Ion: 139 Resp: 155180

Ion Ratio Lower Upper

139 100

109 43.4 20.1 30.1#

65 64.7 31.5 47.3#

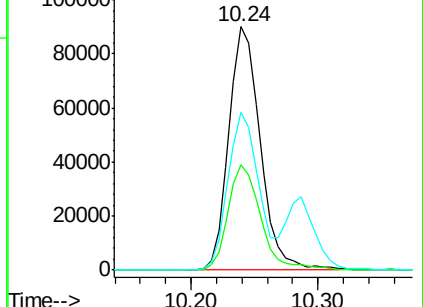
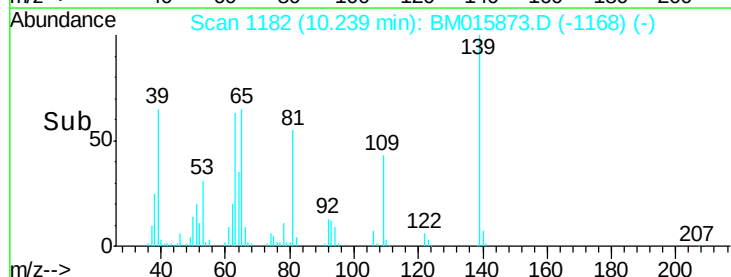


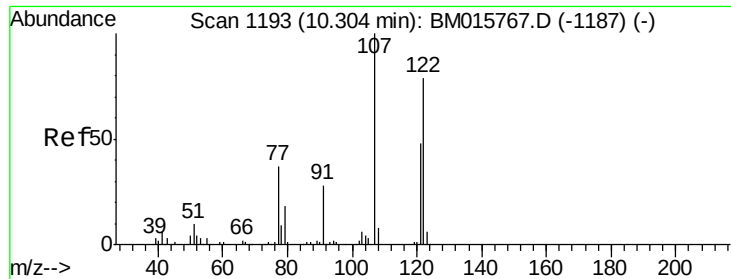
Abundance Ion 139.00 (138.70 to 139.70): BM015767.D (-1178) (-)

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

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

Time-->

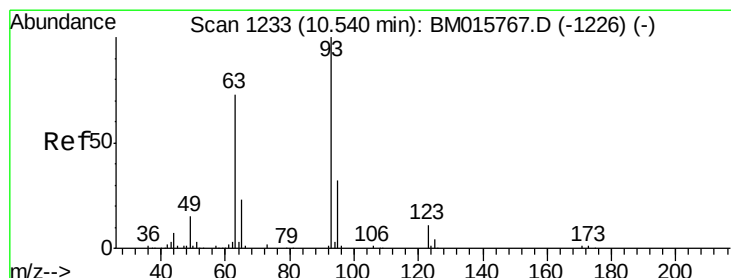
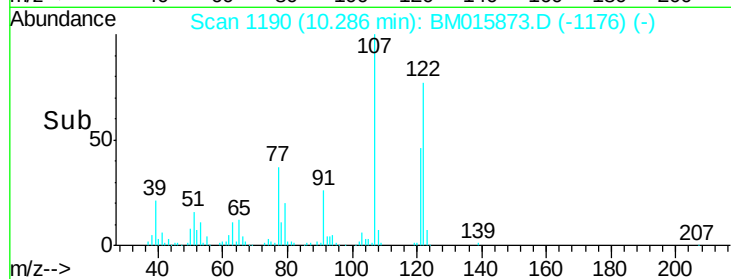
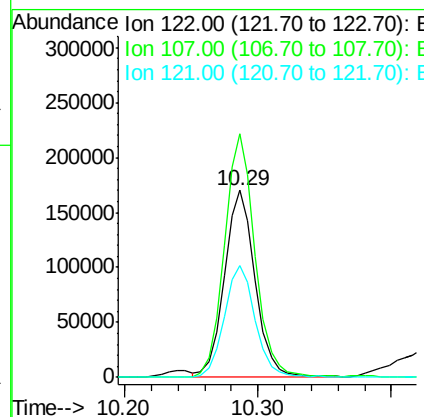
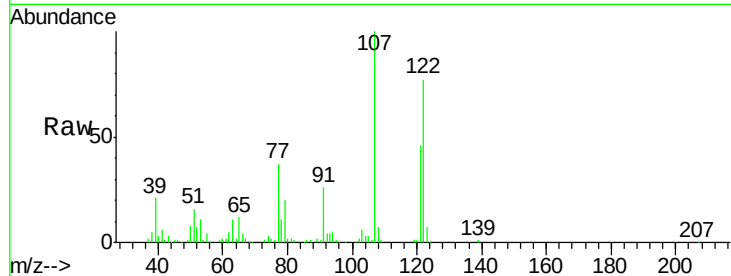




#27
 2,4-Dimethylphenol
 Concen: 59.574 ng
 RT: 10.29 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

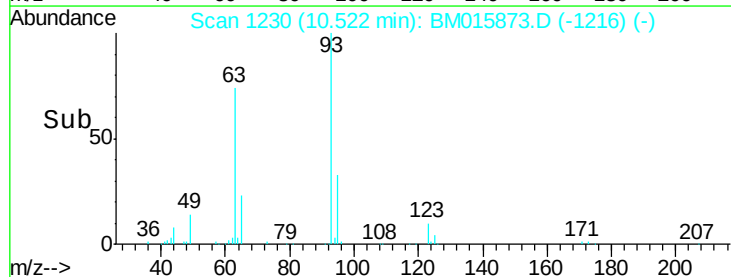
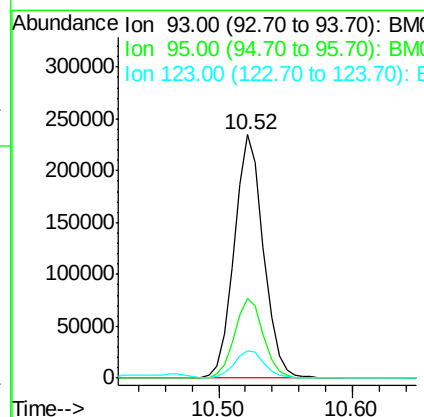
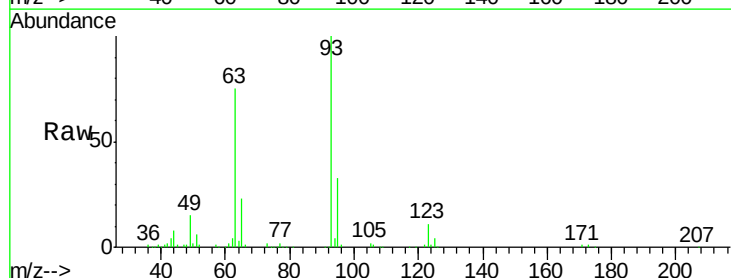
Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

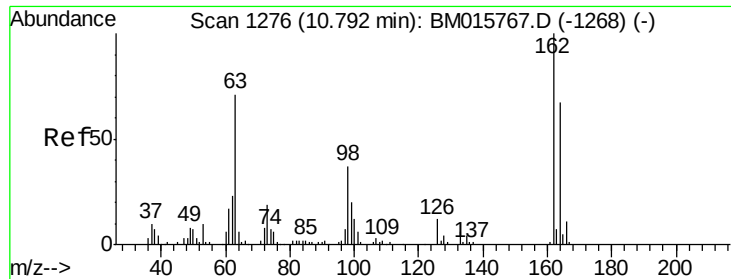
Tgt Ion:122 Resp: 272280
 Ion Ratio Lower Upper
 122 100
 107 130.2 84.7 127.1#
 121 60.0 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.073 ng
 RT: 10.52 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion: 93 Resp: 357388
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.5 38.3
 123 11.2 8.6 13.0

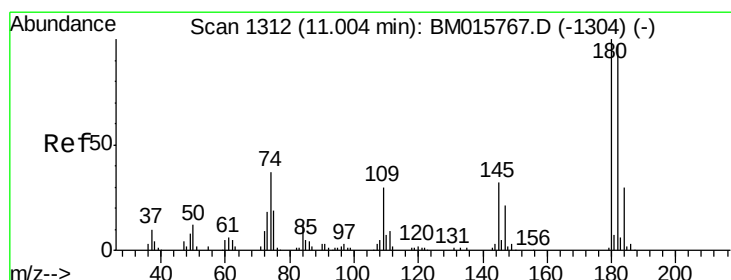
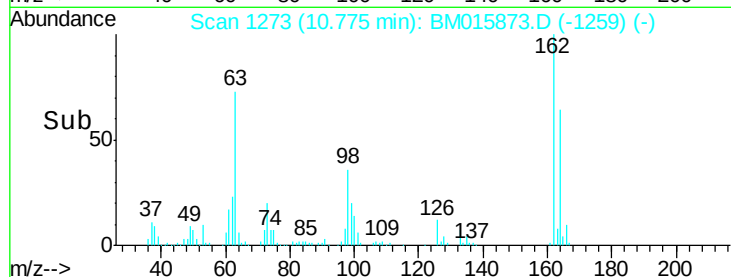
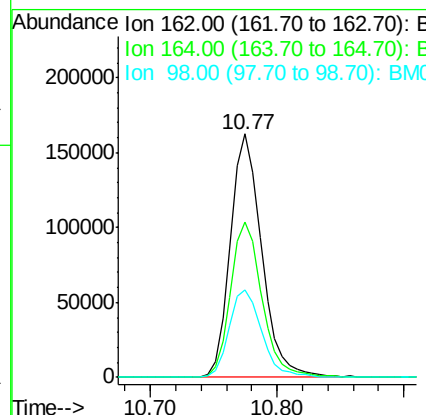
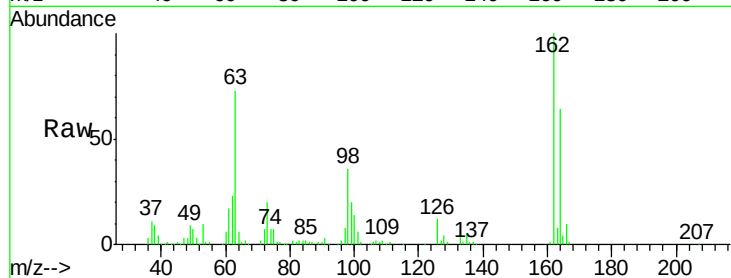




#29
 2,4-Dichlorophenol
 Concen: 54.828 ng
 RT: 10.77 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

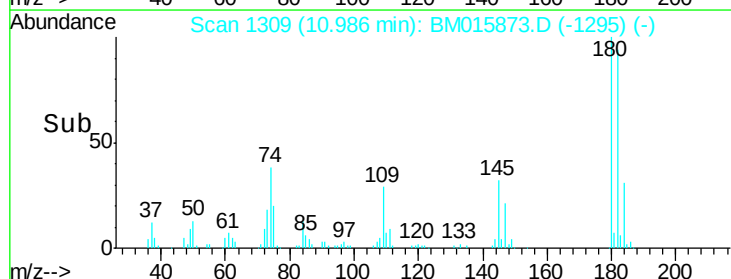
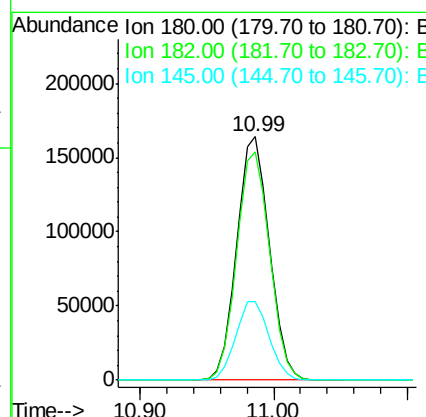
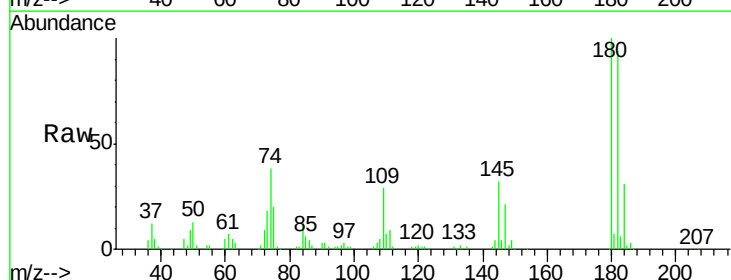
Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

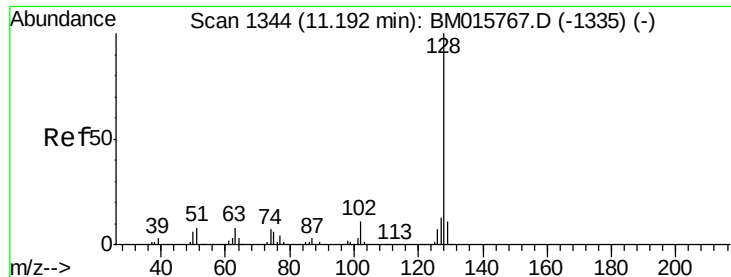
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.8	82.8
98	36.0	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 47.459 ng
 RT: 10.99 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.6	116.4
145	32.1	23.4	35.2

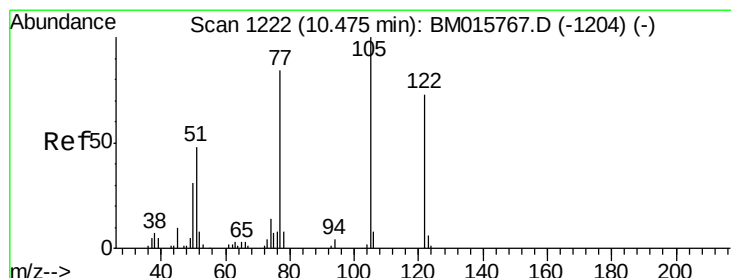
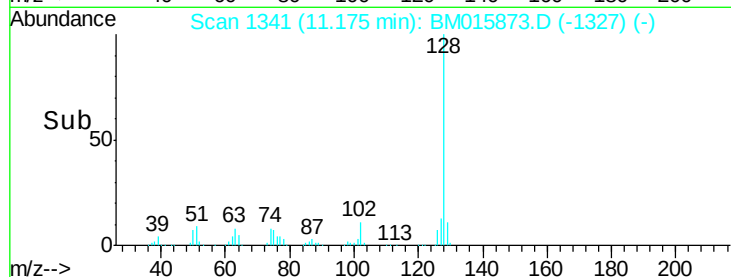
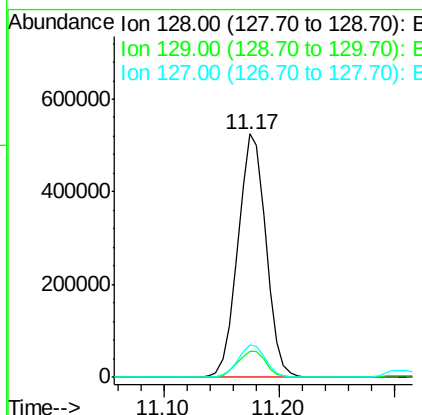
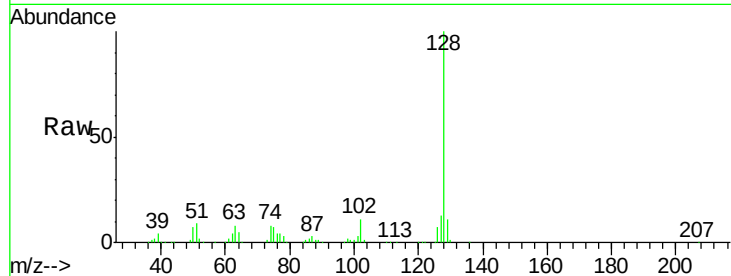




#31
Naphthalene
Concen: 48.617 ng
RT: 11.17 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

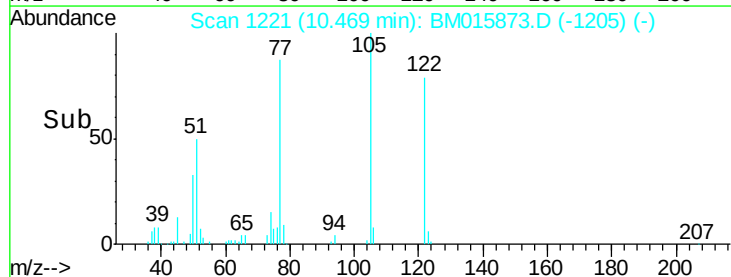
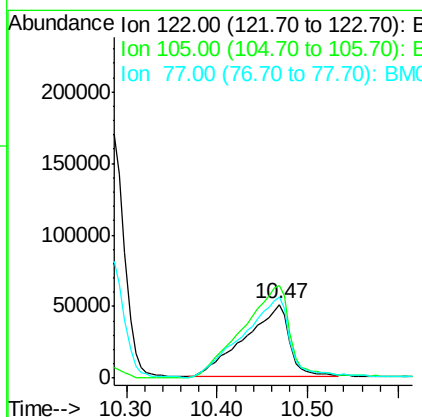
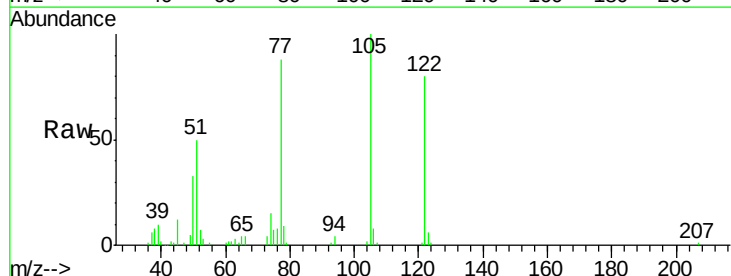
Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

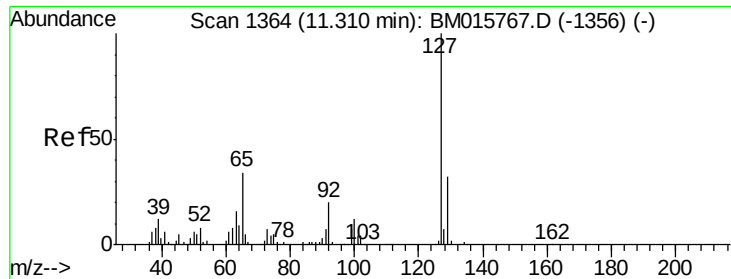
Tgt Ion:128 Resp: 882718
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 43.296 ng
RT: 10.47 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion:122 Resp: 175199
Ion Ratio Lower Upper
122 100
105 124.9 99.9 139.9
77 109.3 73.7 113.7

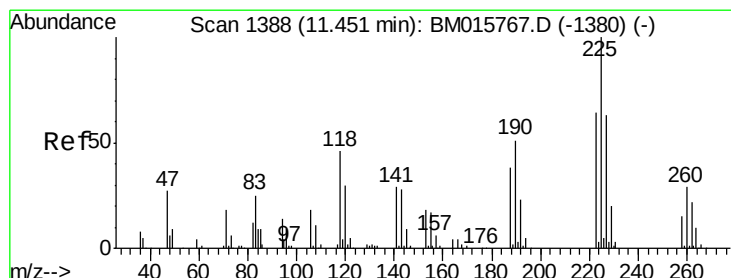
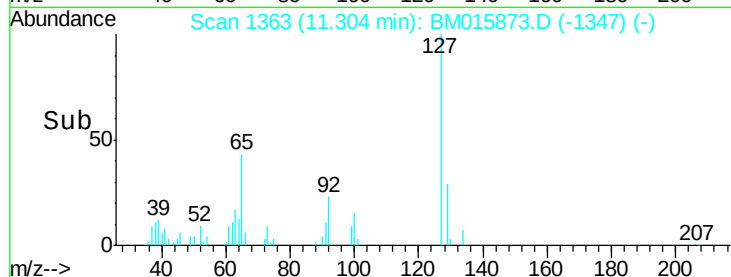
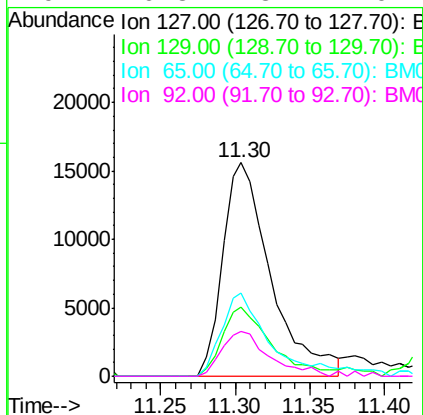
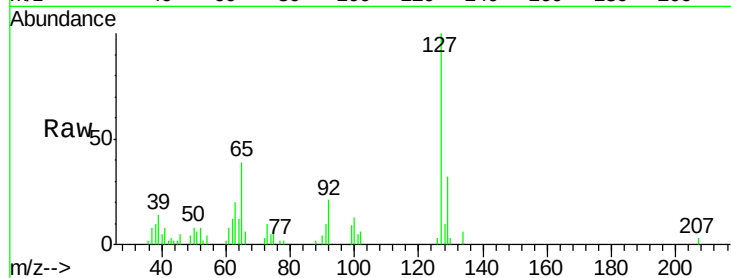




#33
4-Chloroaniline
Concen: 4.725 ng
RT: 11.30 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

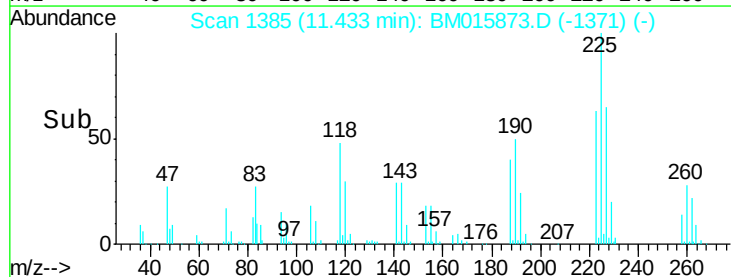
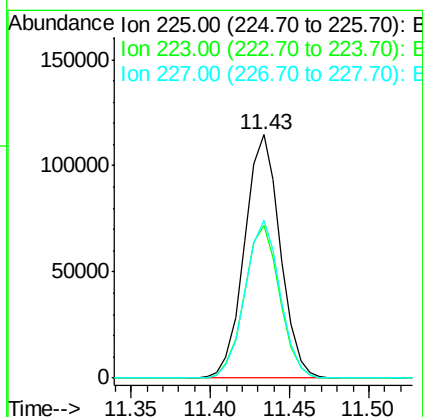
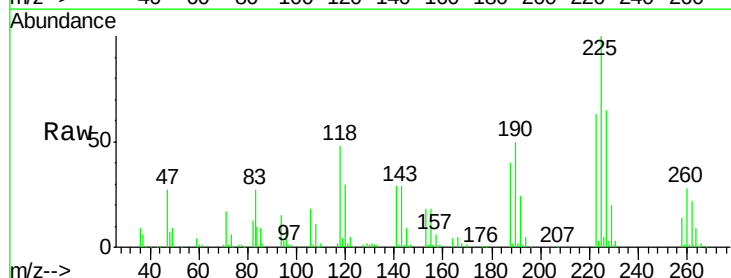
Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

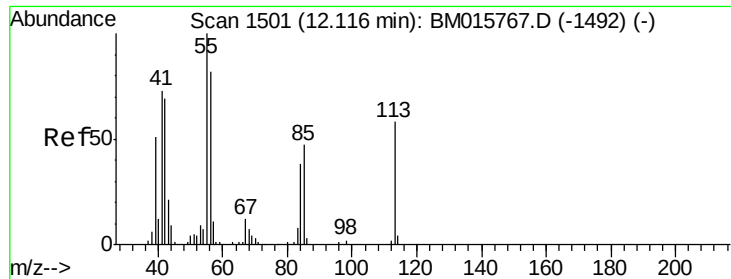
Tgt Ion:	127	Resp:	34975
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.3	37.9
65	38.8	17.6	26.4
92	20.8	13.1	19.7



#34
Hexachlorobutadiene
Concen: 45.567 ng
RT: 11.43 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion:	225	Resp:	178794
Ion	Ratio	Lower	Upper
225	100		
223	62.9	47.9	71.9
227	65.0	50.1	75.1





#35

Caprolactam

Concen: 44.902 ng

RT: 12.10 min Scan# 1498

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

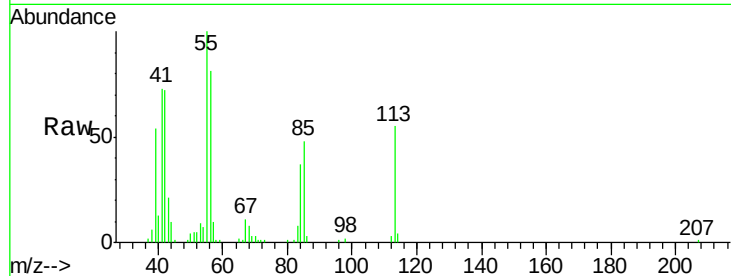
Tgt Ion:113 Resp: 75378

Ion Ratio Lower Upper

113 100

55 182.9 145.9 185.9

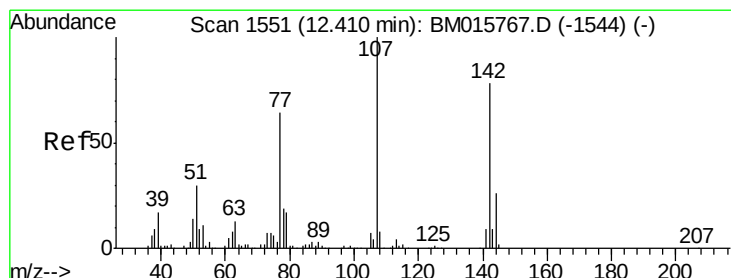
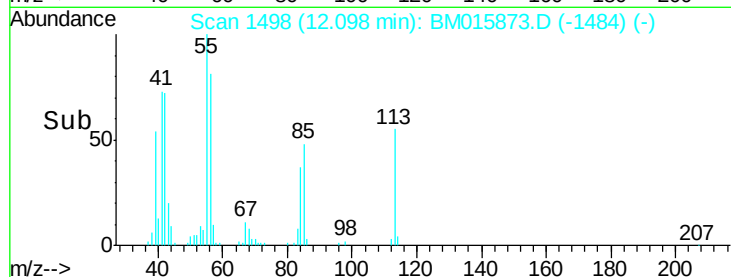
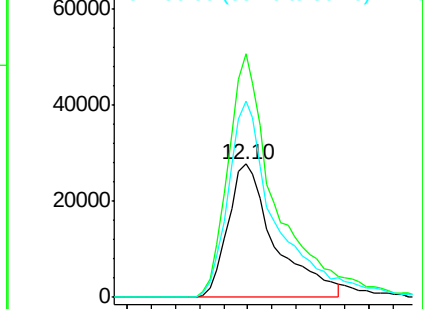
56 147.7 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 56.651 ng

RT: 12.40 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

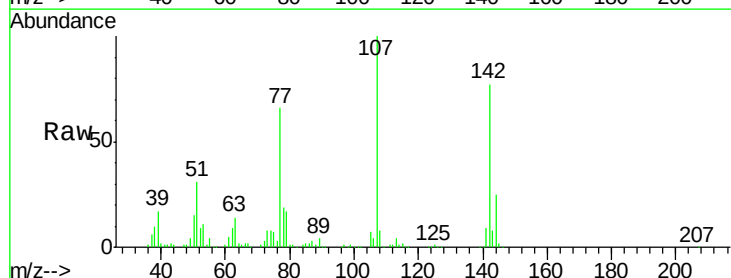
Tgt Ion:107 Resp: 329037

Ion Ratio Lower Upper

107 100

144 25.0 23.3 34.9

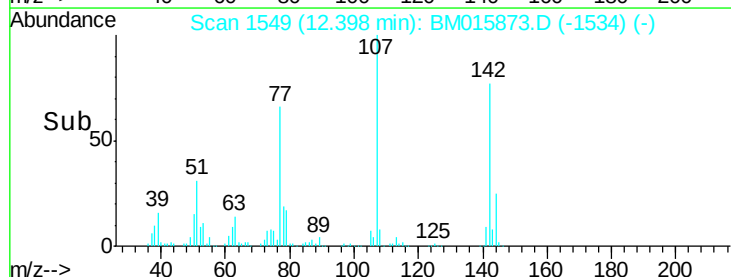
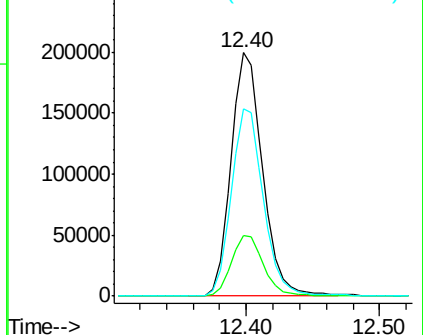
142 76.8 72.6 109.0

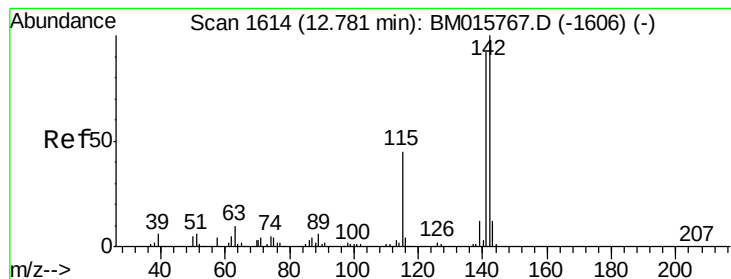


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 52.583 ng

RT: 12.76 min Scan# 1611

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

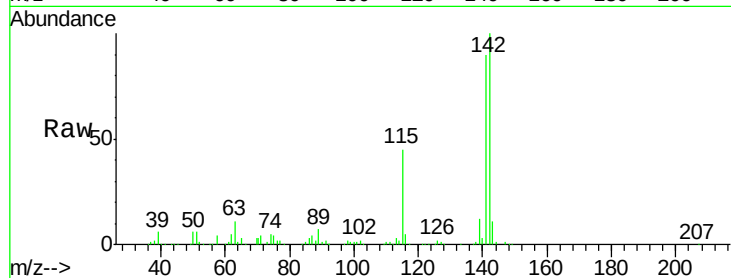
Tgt Ion:142 Resp: 679159

Ion Ratio Lower Upper

142 100

141 89.8 71.9 107.9

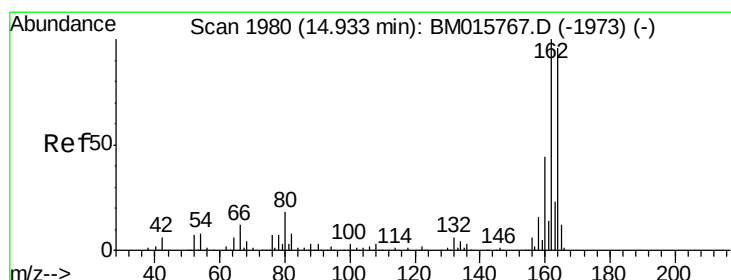
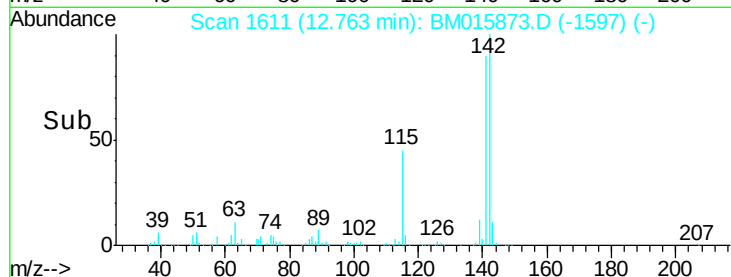
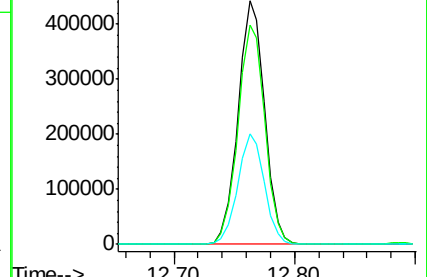
115 45.5 25.4 38.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.92 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

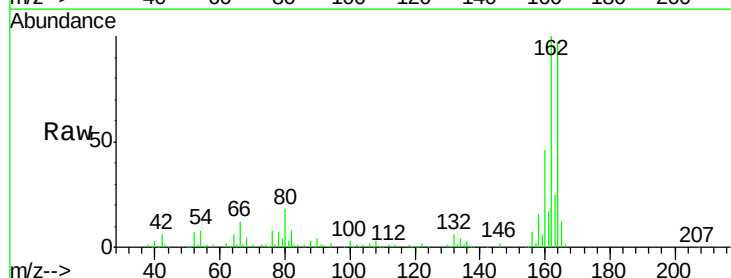
Tgt Ion:164 Resp: 220066

Ion Ratio Lower Upper

164 100

162 103.1 82.4 123.6

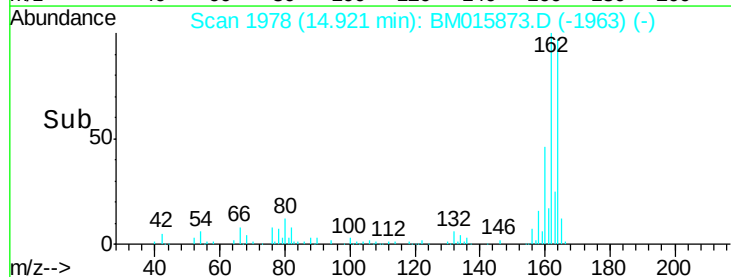
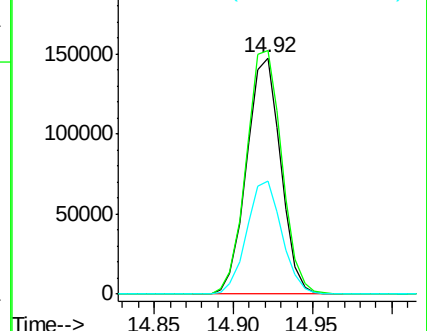
160 47.8 35.8 53.6

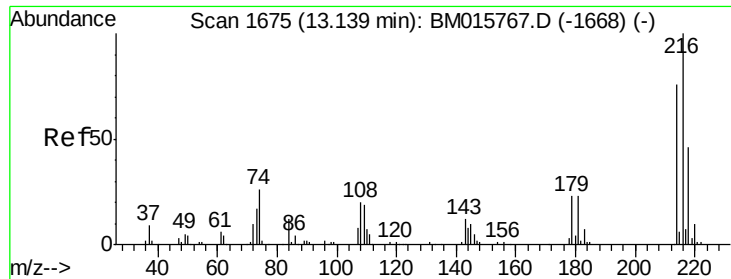


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

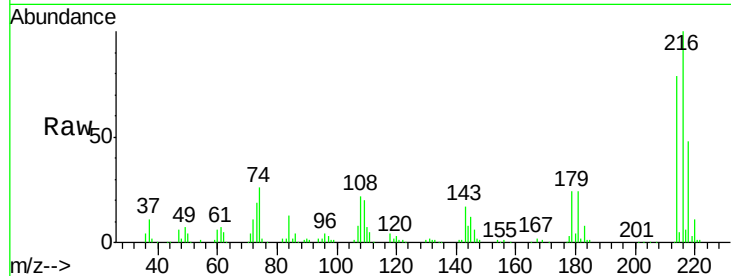




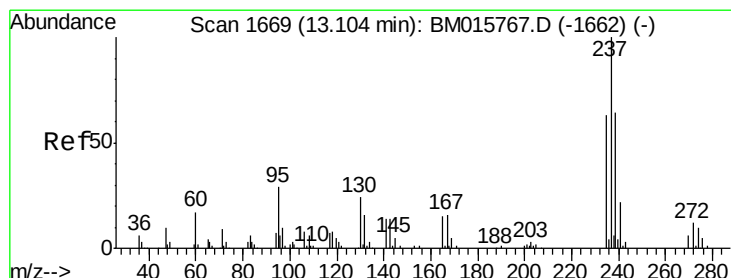
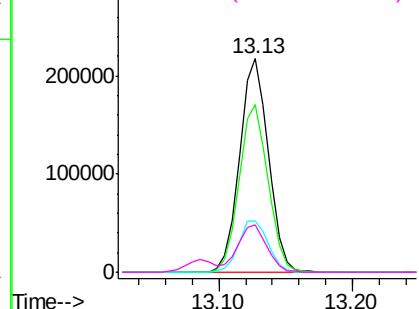
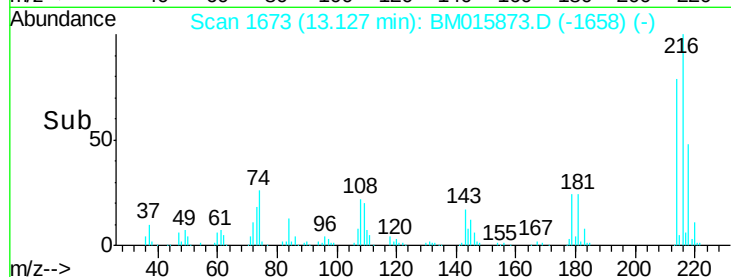
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.003 ng
 RT: 13.13 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

Tgt Ion:	216	Resp:	324921
Ion	Ratio	Lower	Upper
216	100		
214	78.5	0.0	0.0#
179	24.9	0.0	0.0#
108	22.8	0.0	0.0#

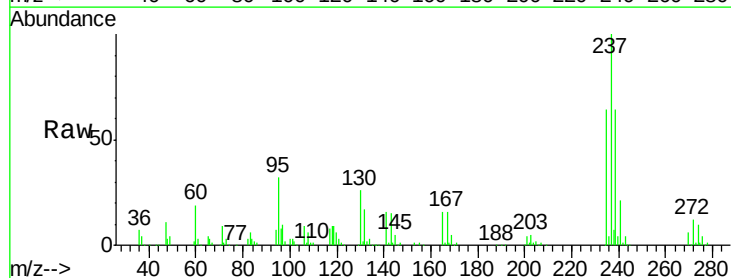


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

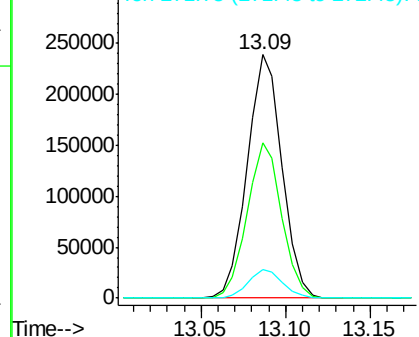
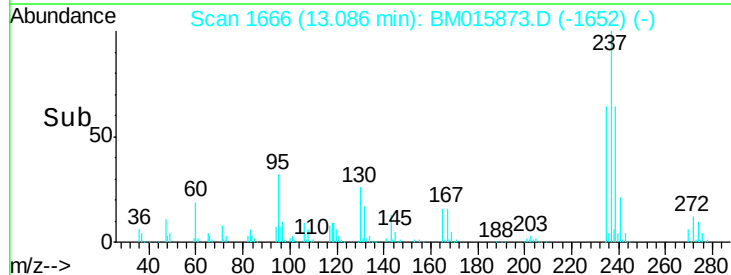


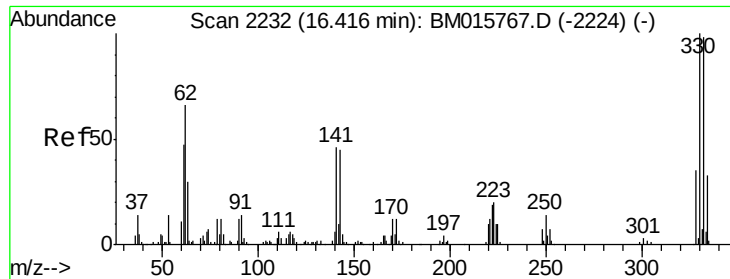
#40
 Hexachlorocyclopentadiene
 Concen: 100.770 ng
 RT: 13.09 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion:	237	Resp:	341537
Ion	Ratio	Lower	Upper
237	100		
235	63.6	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

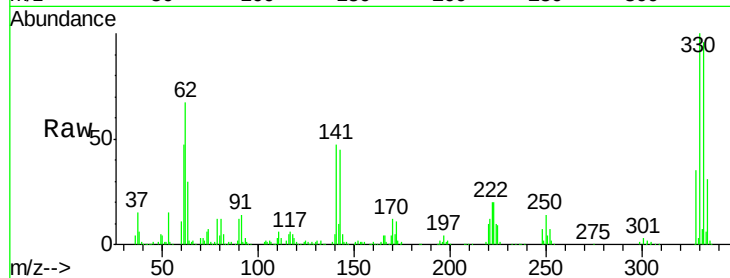




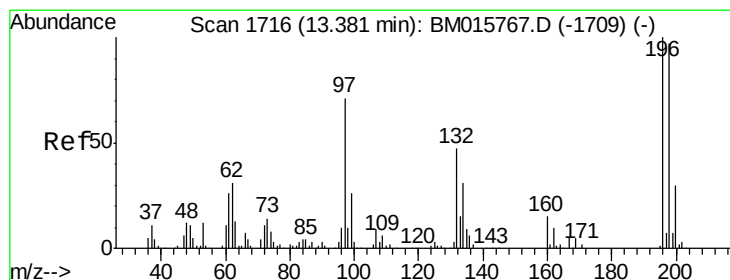
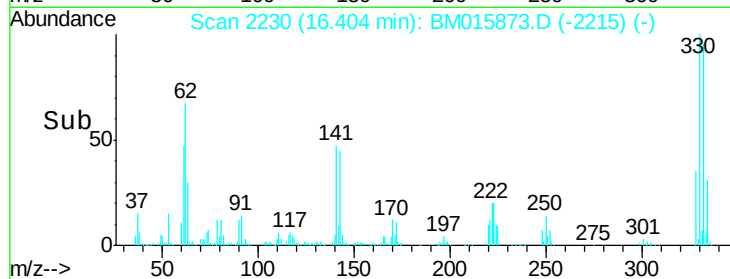
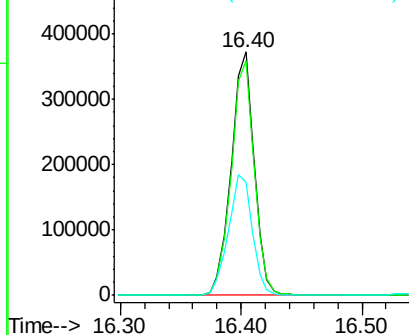
#41
 2,4,6-Tribromophenol
 Concen: 100.770 ng
 RT: 16.40 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	51.6	0.0	0.0#

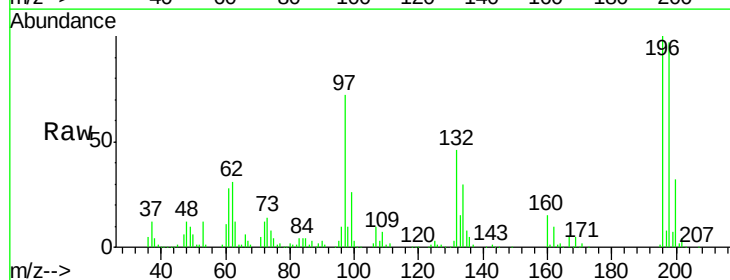


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

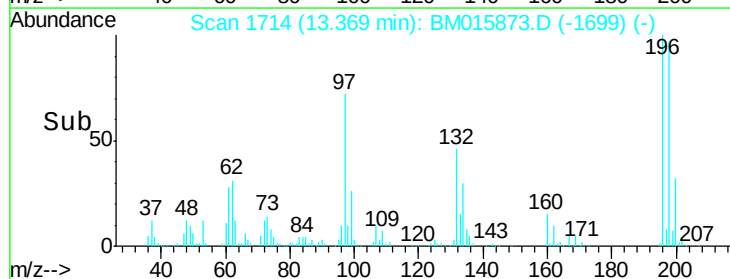
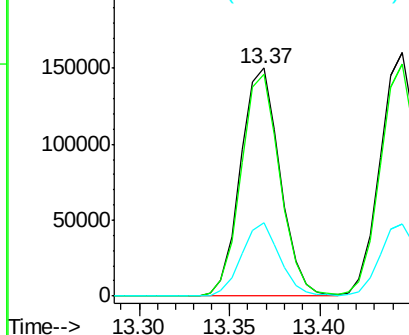


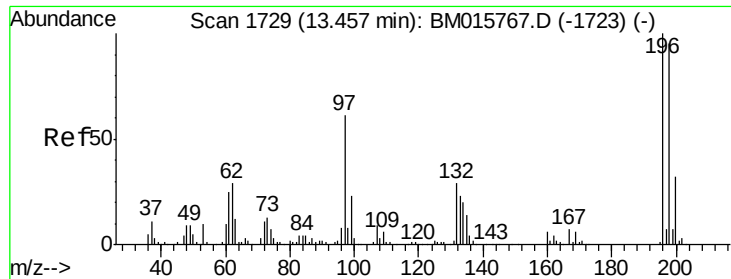
#42
 2,4,6-Trichlorophenol
 Concen: 51.040 ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.3	114.5
200	32.2	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

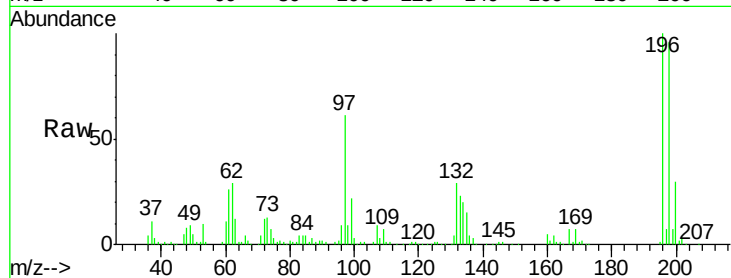




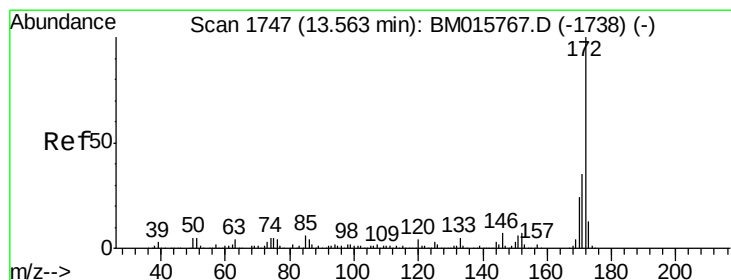
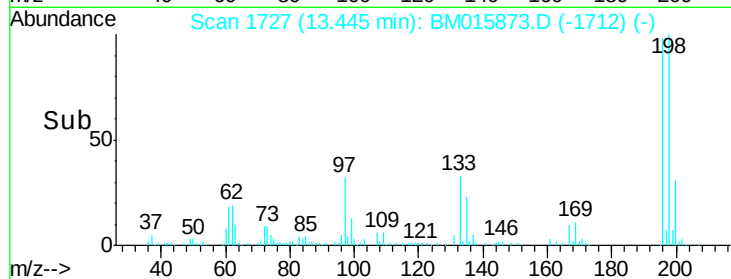
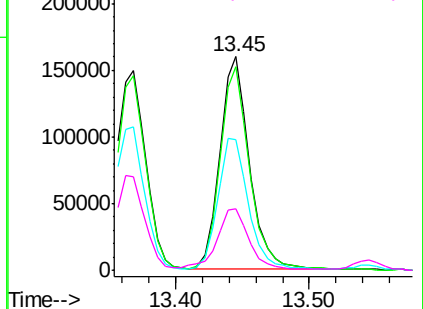
#43
2,4,5-Trichlorophenol
Concen: 50.944 ng
RT: 13.45 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	79.4	119.0
97	61.2	26.8	40.2
132	28.9	18.6	28.0

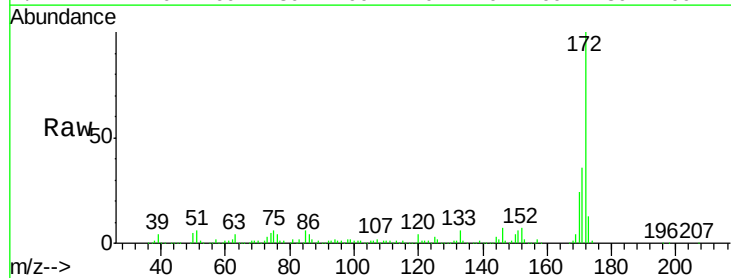


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BMO
Ion 132.00 (131.70 to 132.70): E

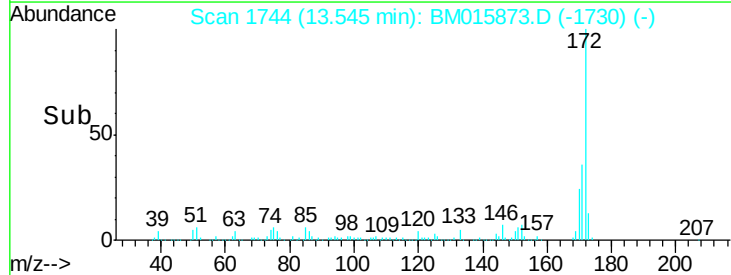
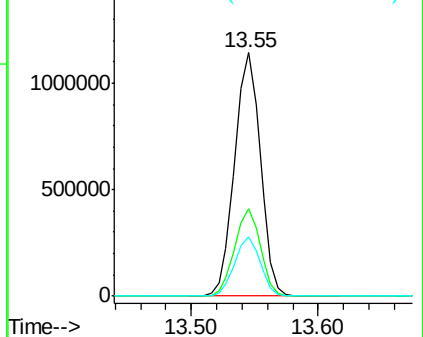


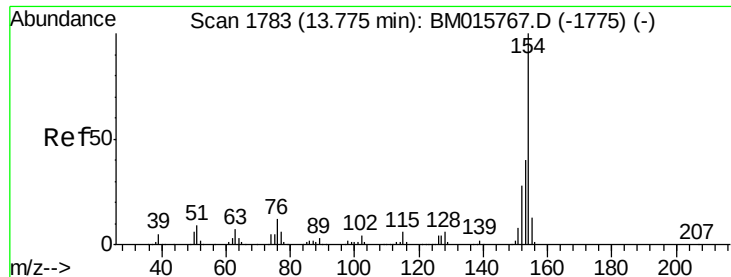
#44
2-Fluorobiphenyl
Concen: 50.944 ng
RT: 13.55 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	24.3	18.8	28.2



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





#45

1,1'-Biphenyl

Concen: 46.585 ng

RT: 13.76 min Scan# 1780

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

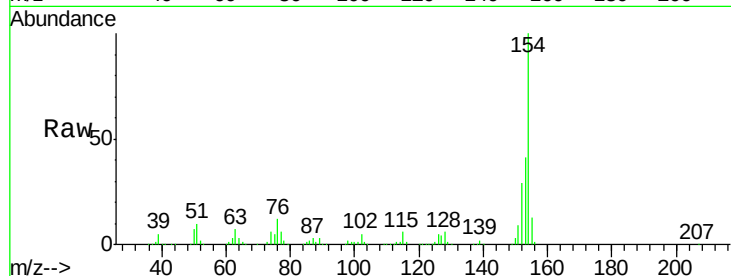
Tgt Ion:154 Resp: 886363

Ion Ratio Lower Upper

154 100

153 41.4 20.7 60.7

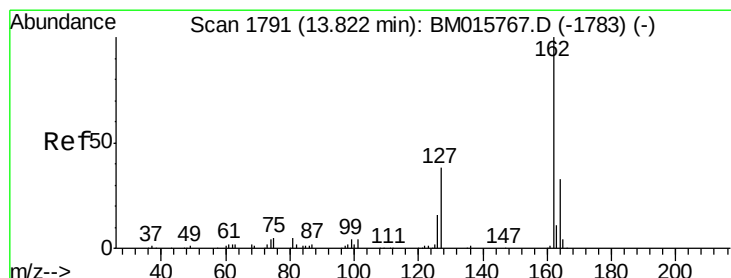
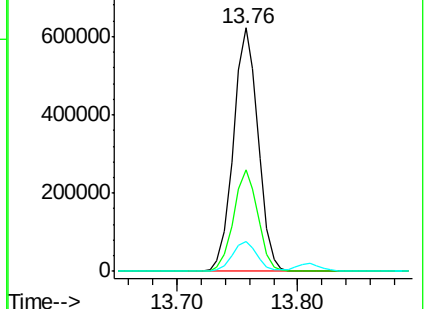
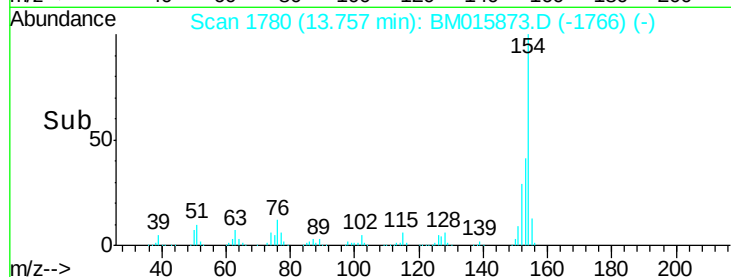
76 12.3 0.0 30.9



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: 48.257 ng

RT: 13.81 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

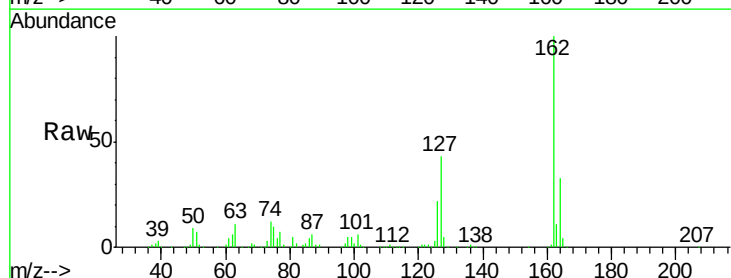
Tgt Ion:162 Resp: 686503

Ion Ratio Lower Upper

162 100

127 42.8 26.9 40.3#

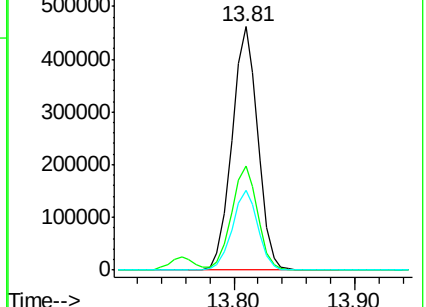
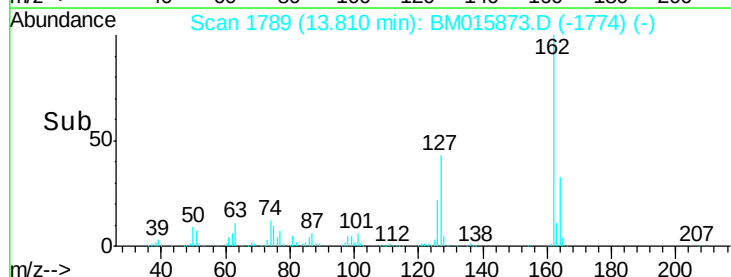
164 32.5 26.8 40.2

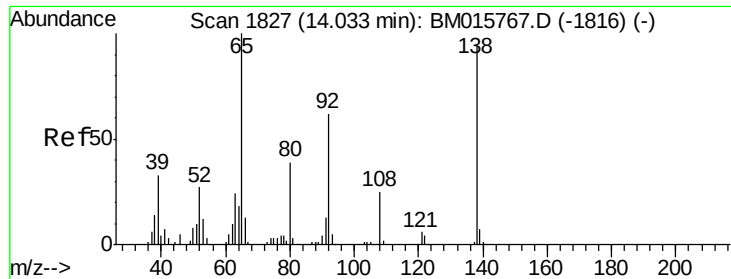


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

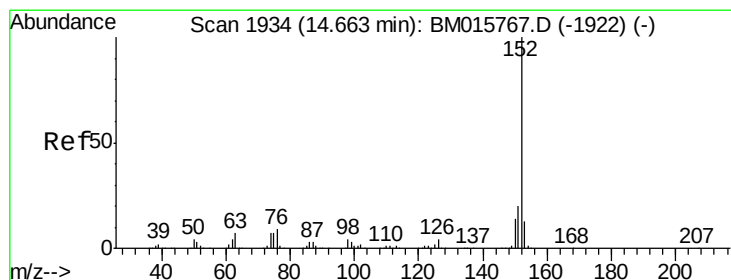
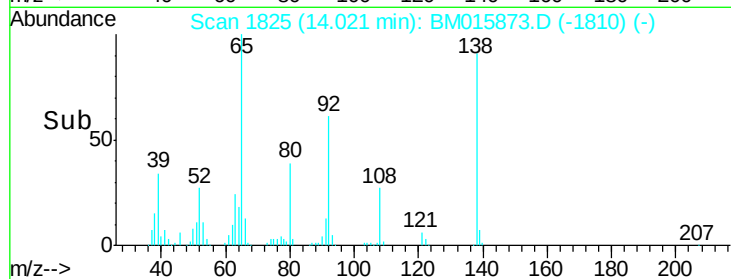
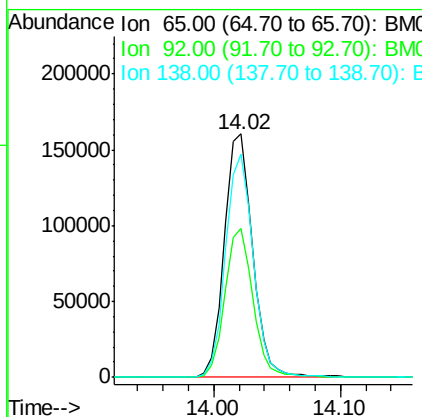
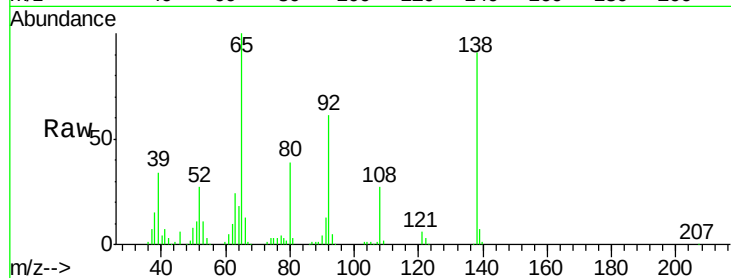




#47
2-Nitroaniline
Concen: 49.677 ng
RT: 14.02 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

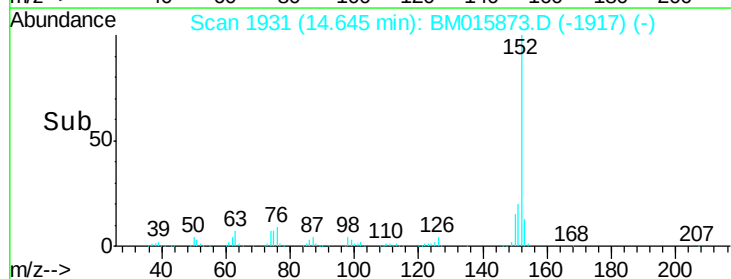
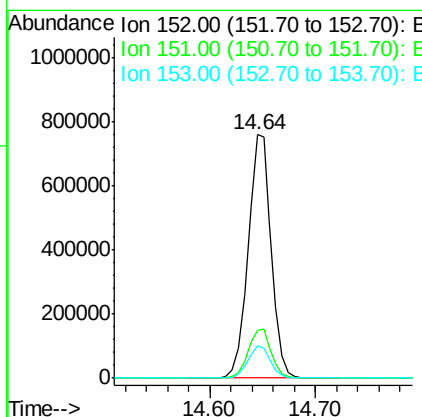
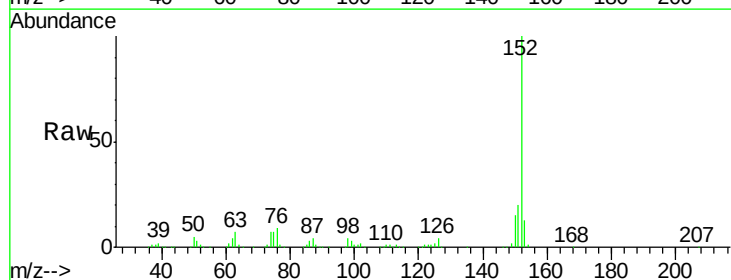
Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

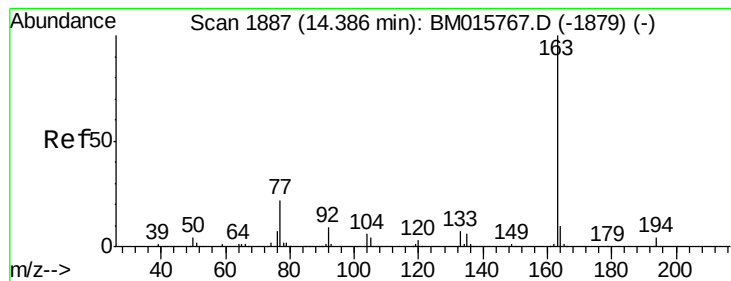
Tgt Ion: 65 Resp: 246446
Ion Ratio Lower Upper
65 100
92 61.0 59.1 88.7
138 91.4 93.9 140.9#



#48
Acenaphthylene
Concen: 49.621 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion: 152 Resp: 1148346
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.3 10.6 16.0





#49

Dimethylphthalate

Concen: 49.085 ng

RT: 14.37 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

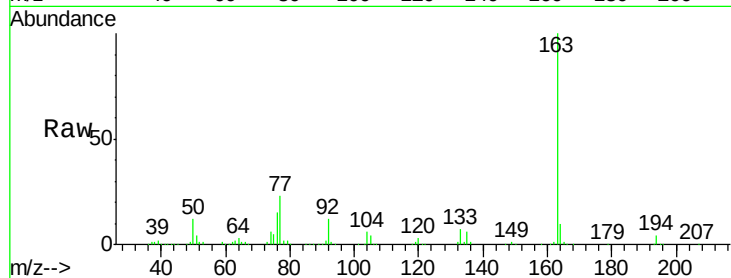
Tgt Ion:163 Resp: 952658

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

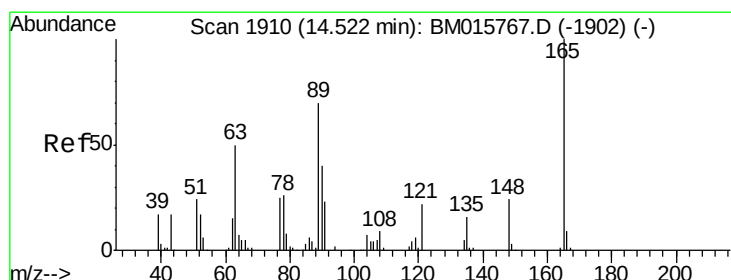
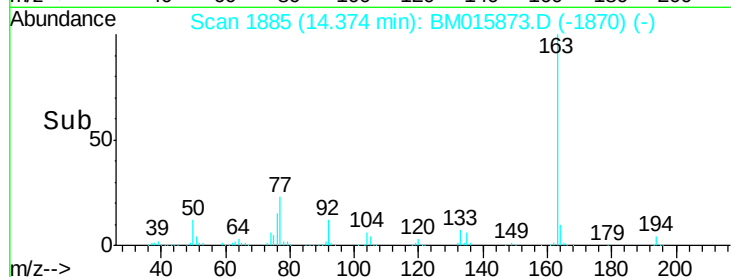
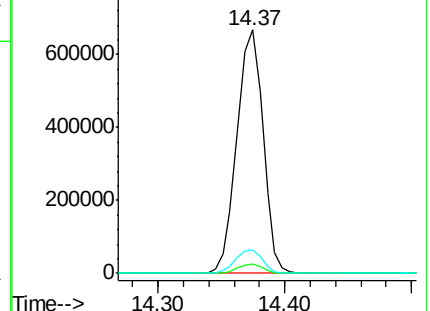
164 9.8 8.2 12.2



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: 52.537 ng

RT: 14.51 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

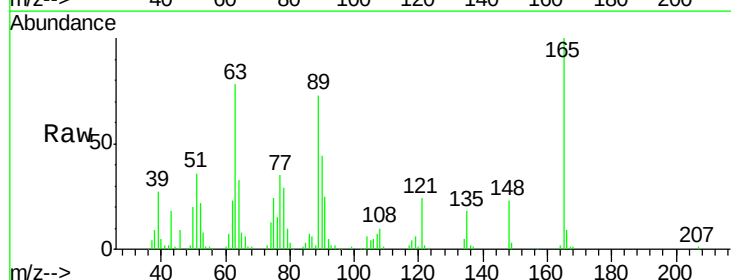
Tgt Ion:165 Resp: 198810

Ion Ratio Lower Upper

165 100

63 77.7 44.1 66.1#

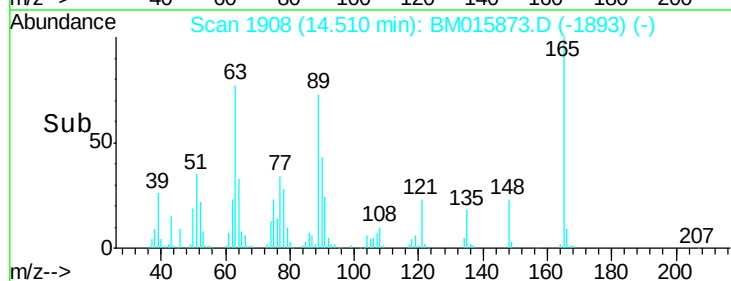
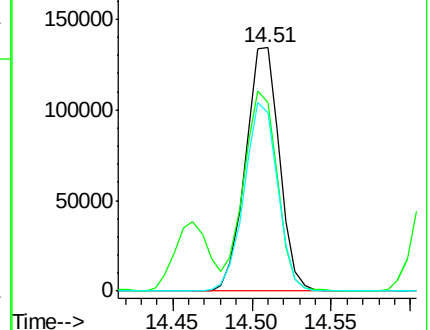
89 73.0 44.3 66.5#

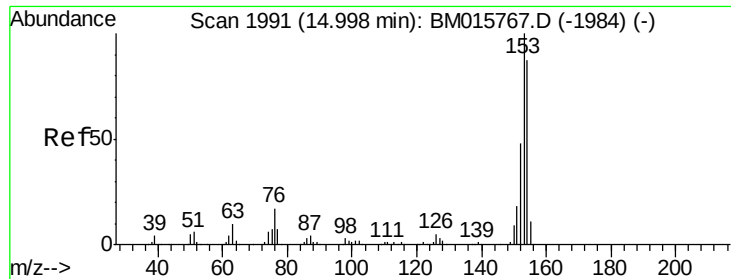


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 45.961 ng

RT: 14.99 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

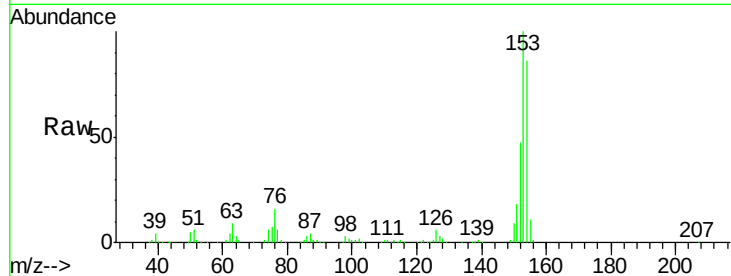
Tgt Ion:154 Resp: 661851

Ion Ratio Lower Upper

154 100

153 115.9 90.0 135.0

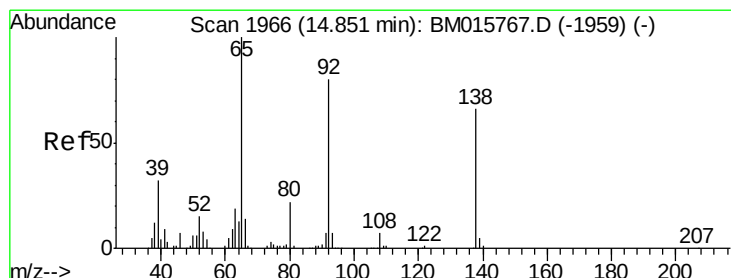
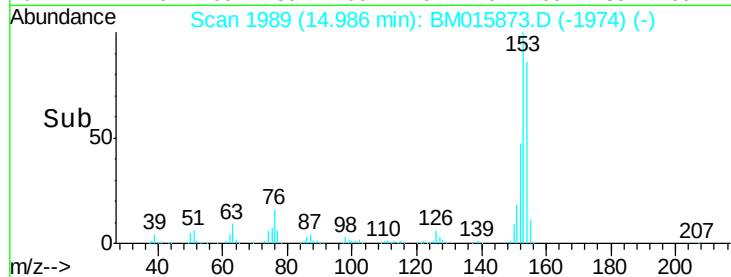
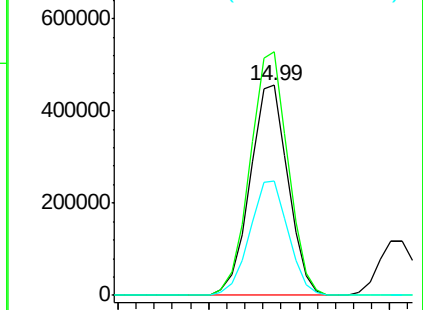
152 54.5 42.6 63.8



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: 13.490 ng

RT: 14.84 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

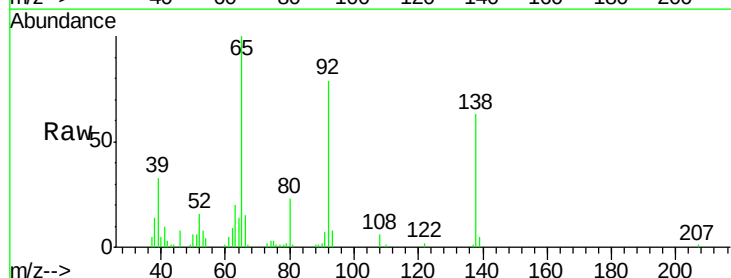
Tgt Ion:138 Resp: 55875

Ion Ratio Lower Upper

138 100

108 9.6 7.3 10.9

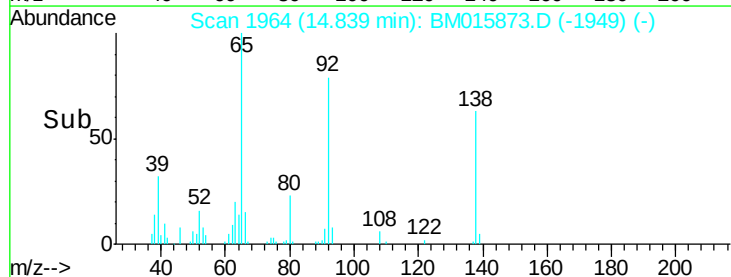
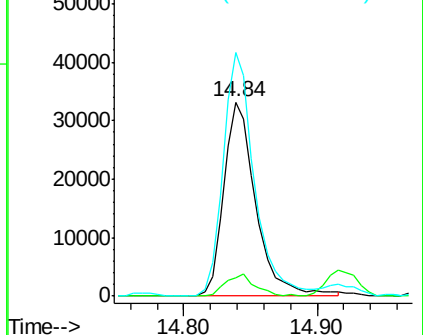
92 125.3 76.6 114.8#

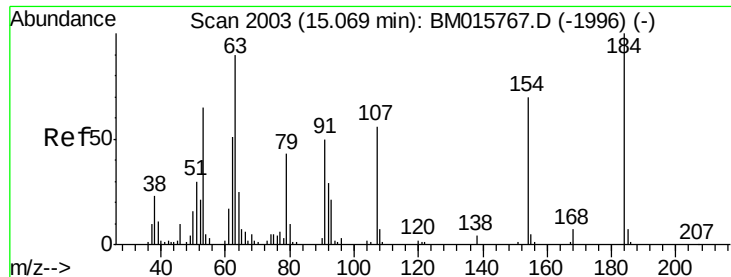


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

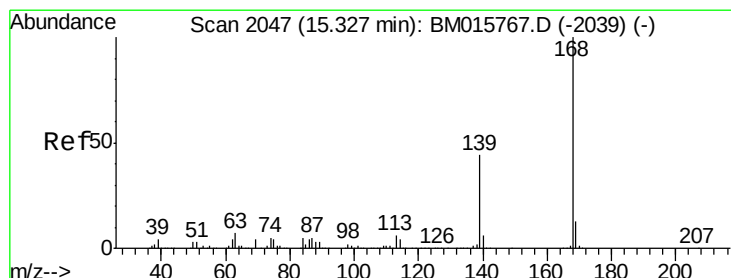
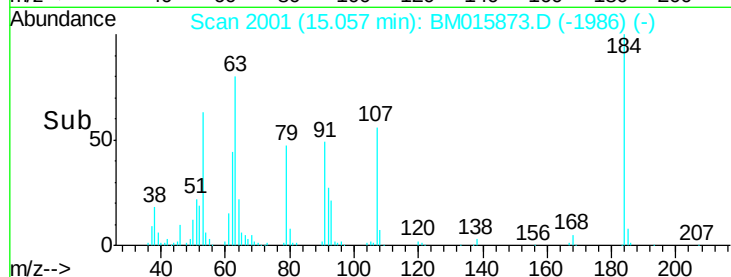
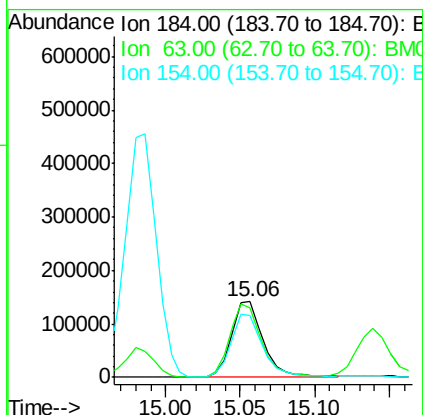
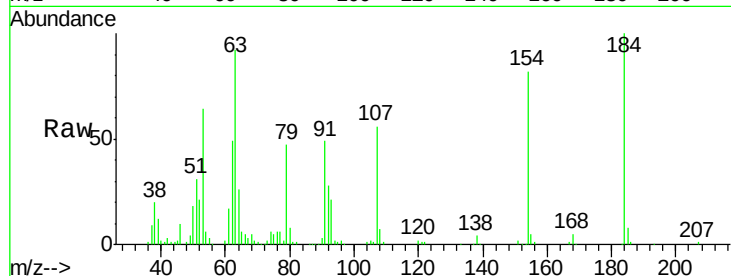




#53
2,4-Dinitrophenol
Concen: 109.319 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

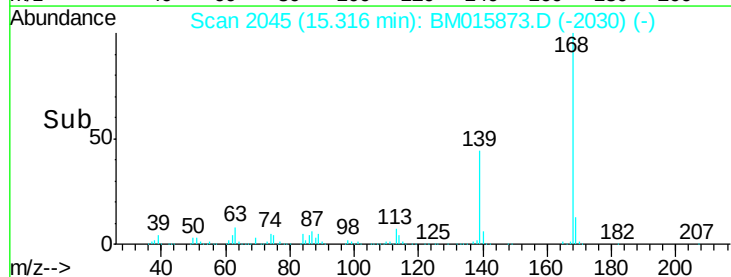
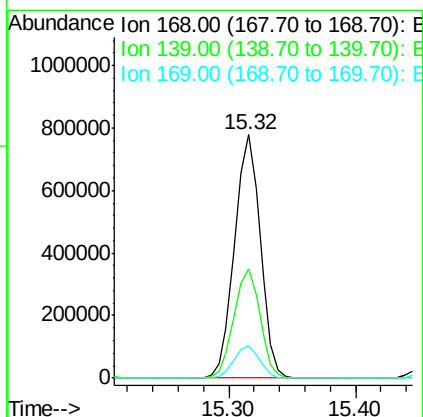
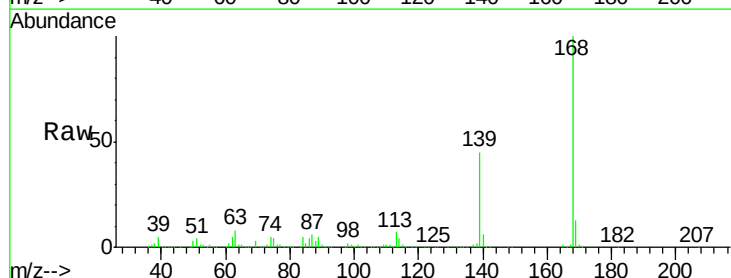
Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

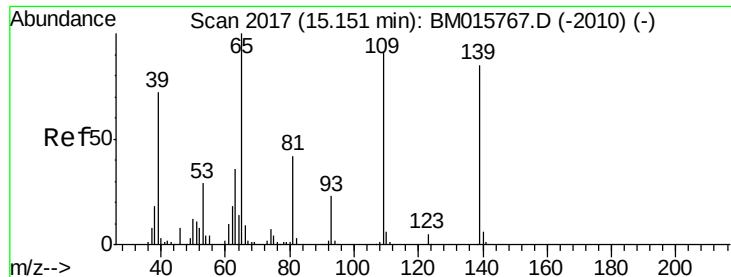
Tgt Ion:184 Resp: 212339
Ion Ratio Lower Upper
184 100
63 91.6 69.2 103.8
154 82.1 53.3 79.9#



#54
Dibenzofuran
Concen: 49.228 ng
RT: 15.32 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion:168 Resp: 1092355
Ion Ratio Lower Upper
168 100
139 44.7 27.3 40.9#
169 13.3 10.6 16.0

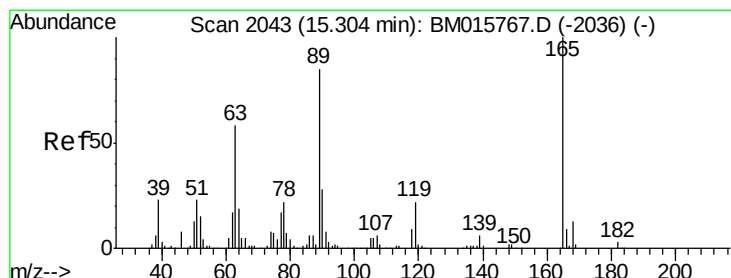
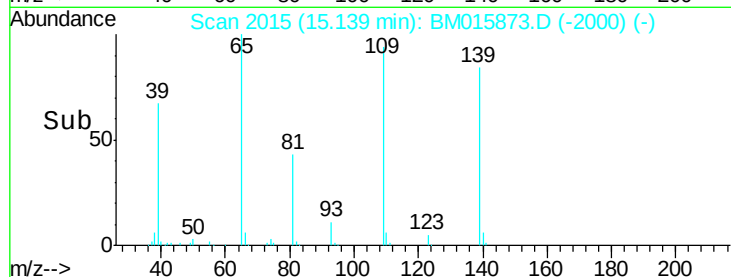
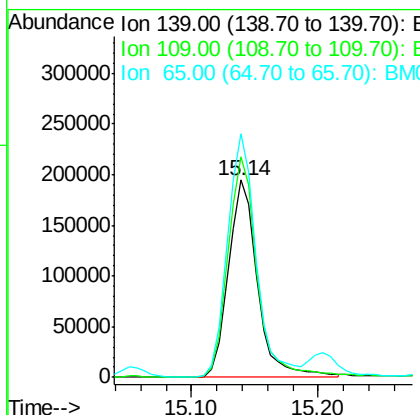
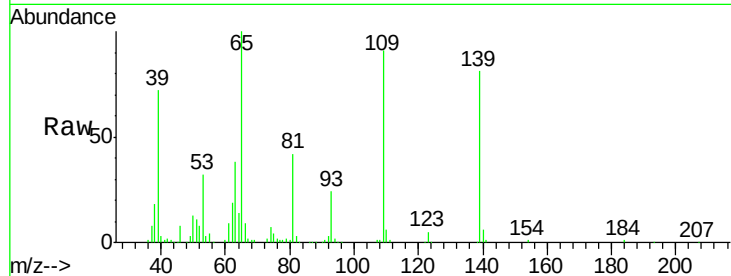




#55
4-Nitrophenol
Concen: 100.734 ng
RT: 15.14 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

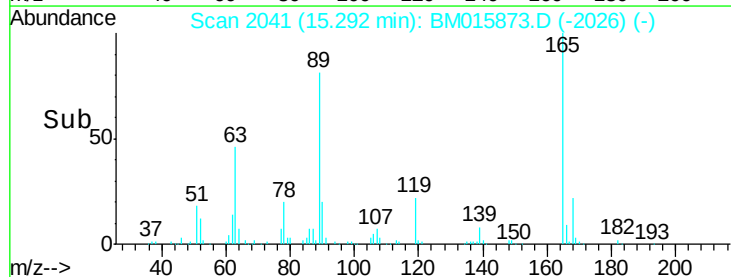
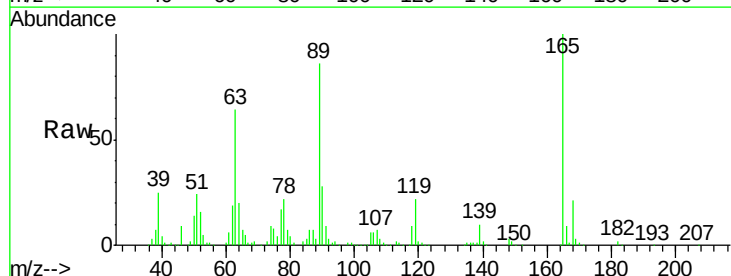
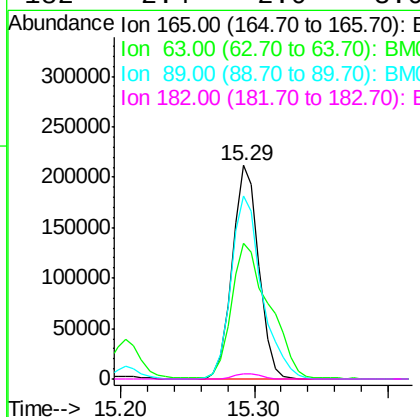
Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

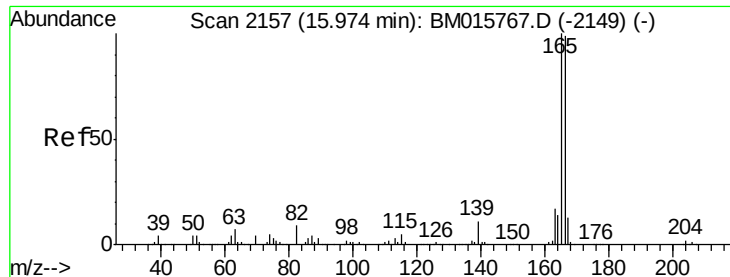
Tgt Ion:139 Resp: 307930
Ion Ratio Lower Upper
139 100
109 112.0 130.0 170.0#
65 123.6 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 53.482 ng
RT: 15.29 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion:165 Resp: 292186
Ion Ratio Lower Upper
165 100
63 63.8 52.4 78.6
89 85.8 72.4 108.6
182 2.4 2.0 3.0

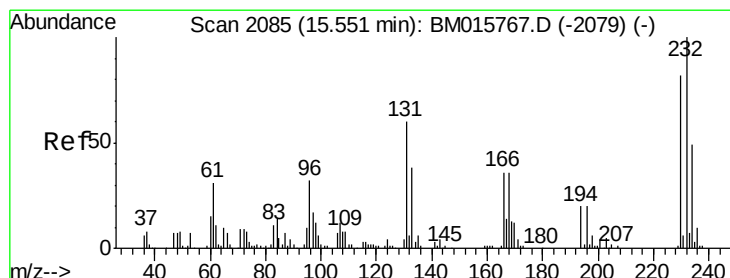
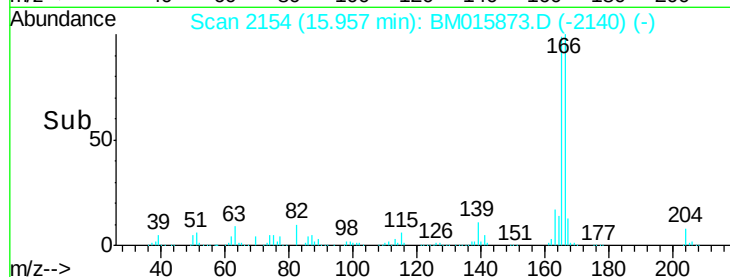
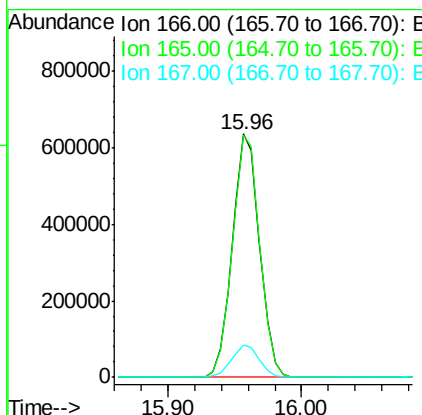
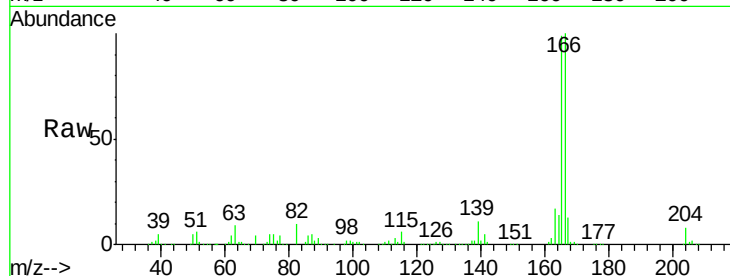




#57
 Fluorene
 Concen: 49.338 ng
 RT: 15.96 min Scan# 2154
 Delta R.T. -0.02 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

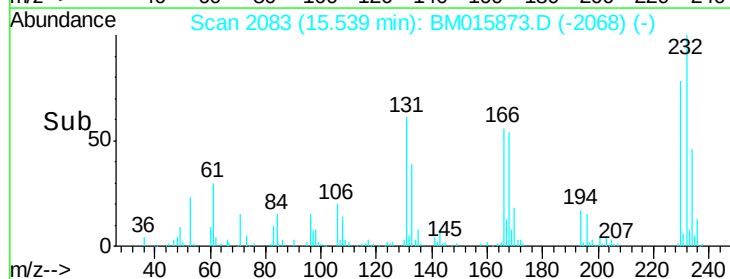
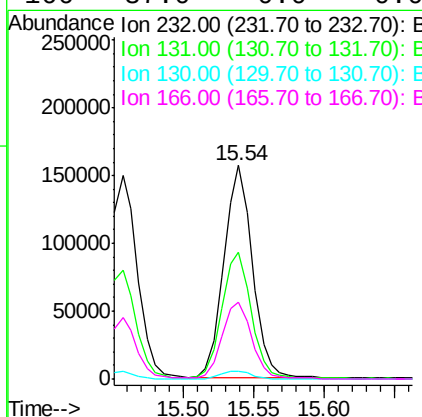
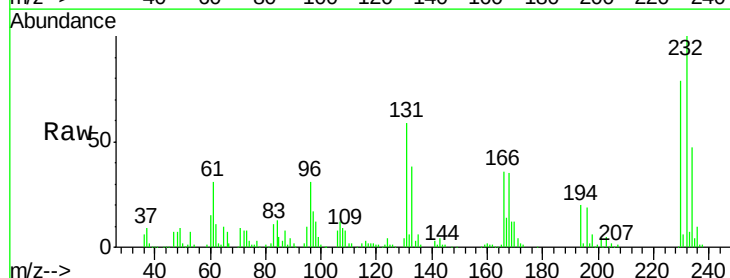
Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

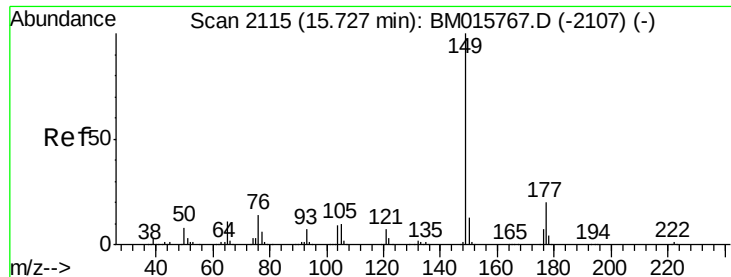
Tgt Ion:166 Resp: 902813
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.0 118.4
 167 13.2 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.362 ng
 RT: 15.54 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion:232 Resp: 221245
 Ion Ratio Lower Upper
 232 100
 131 60.1 0.0 0.0#
 130 3.9 0.0 0.0#
 166 37.0 0.0 0.0#

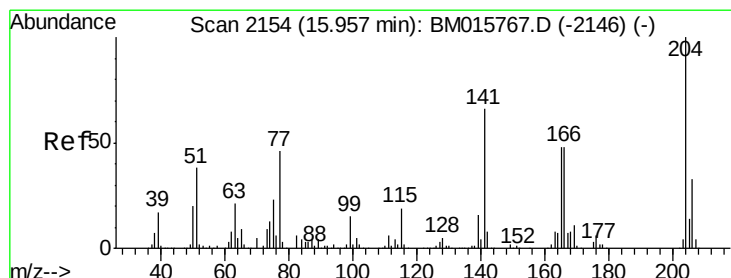
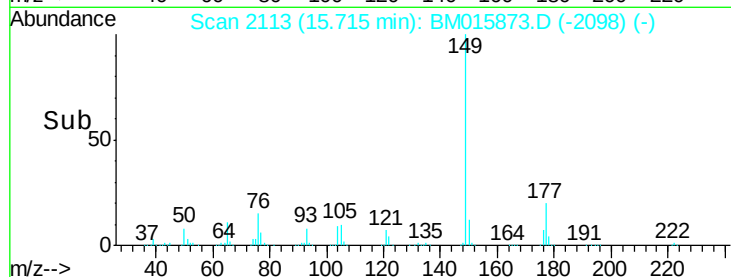
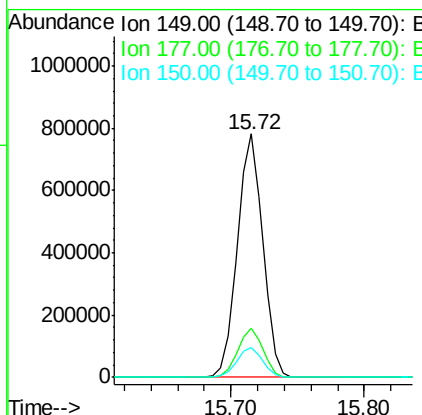
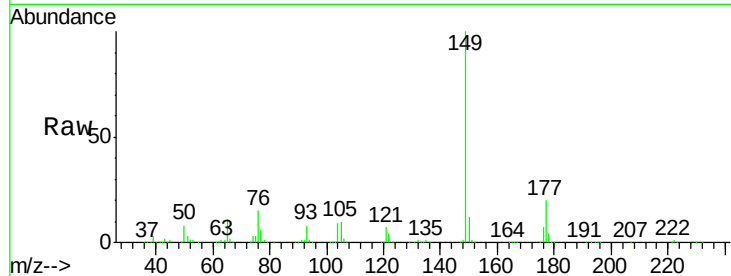




#59
Diethylphthalate
Concen: 49.386 ng
RT: 15.72 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

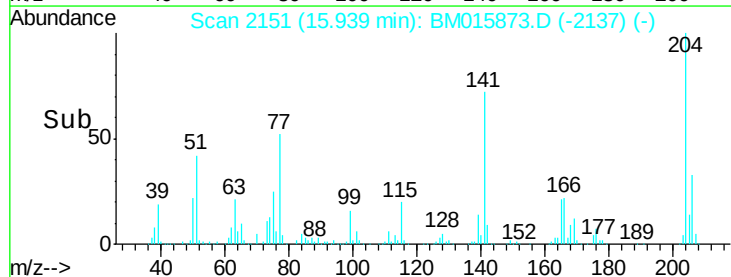
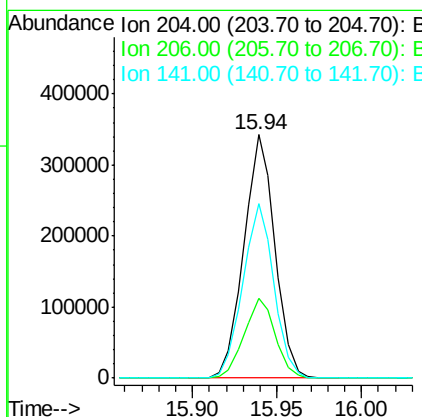
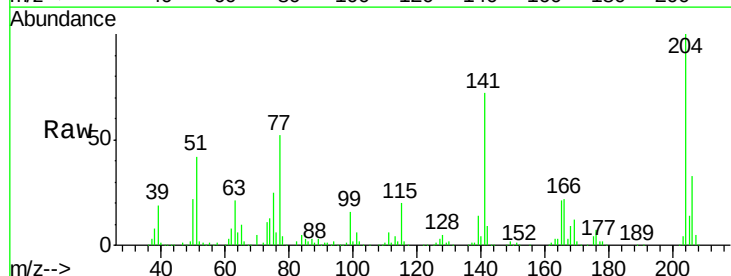
Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

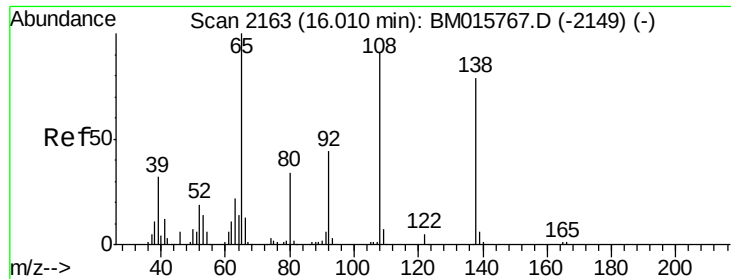
Tgt Ion:149 Resp: 1027158
Ion Ratio Lower Upper
149 100
177 20.4 18.3 27.5
150 12.2 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 46.658 ng
RT: 15.94 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion:204 Resp: 439322
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 71.9 45.2 67.8#

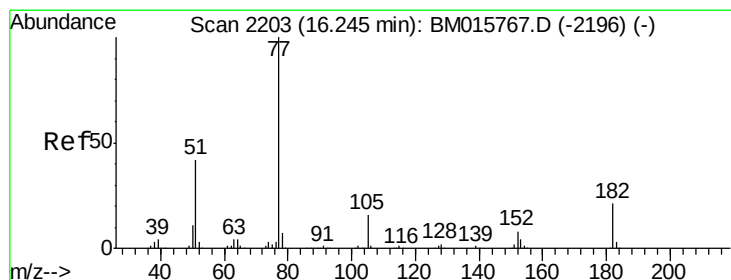
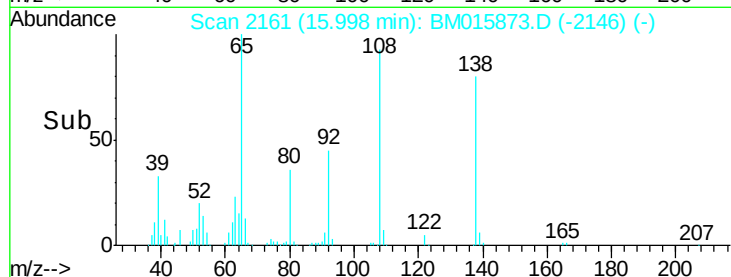
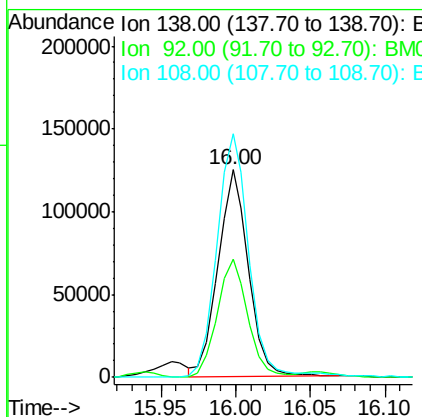
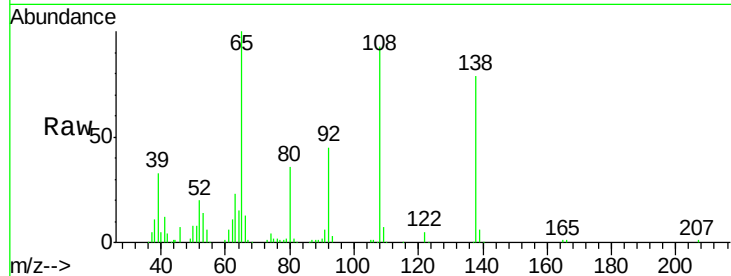




#61
4-Nitroaniline
Concen: 41.531 ng
RT: 16.00 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

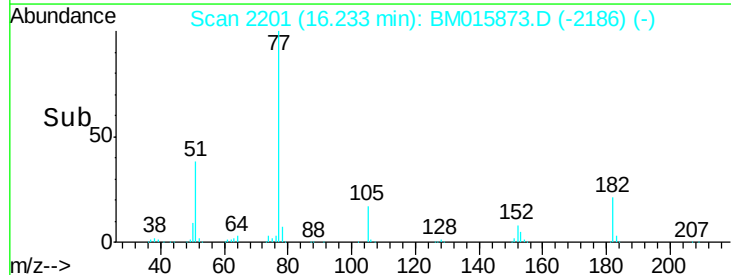
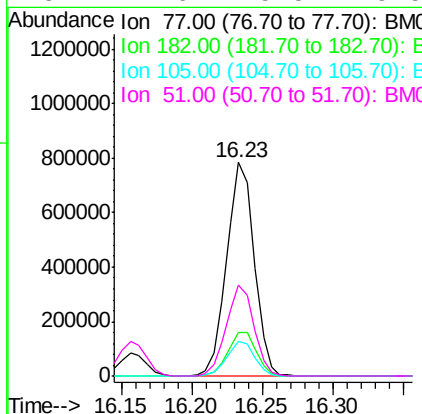
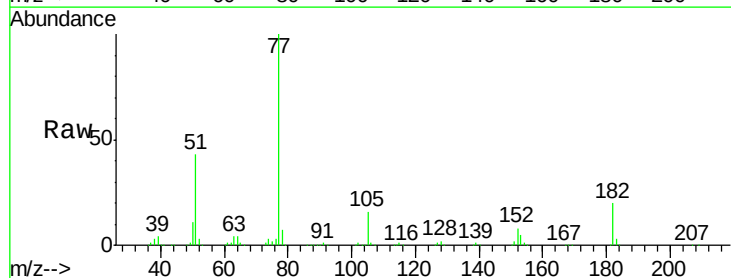
Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

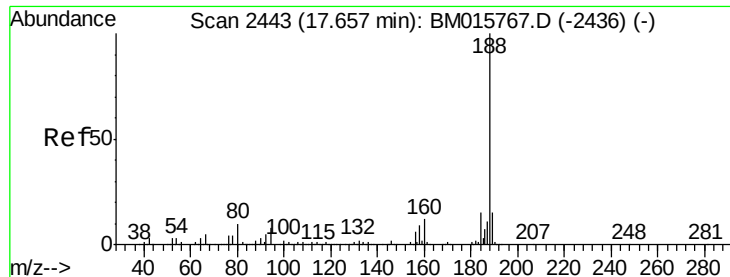
Tgt Ion: 138 Resp: 178456
Ion Ratio Lower Upper
138 100
92 56.8 16.7 56.7#
108 117.4 37.6 77.6#



#62
Azobenzene
Concen: 54.596 ng
RT: 16.23 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion: 77 Resp: 1064403
Ion Ratio Lower Upper
77 100
182 20.2 6.5 46.5
105 16.0 3.8 43.8
51 42.6 5.5 45.5

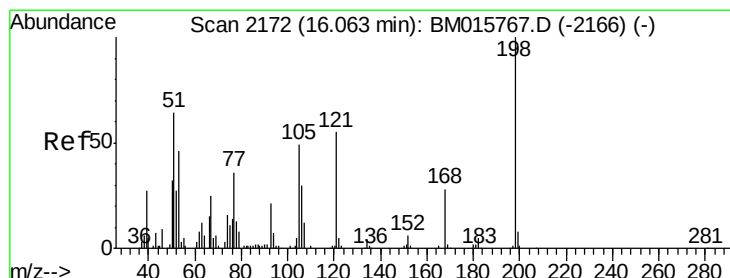
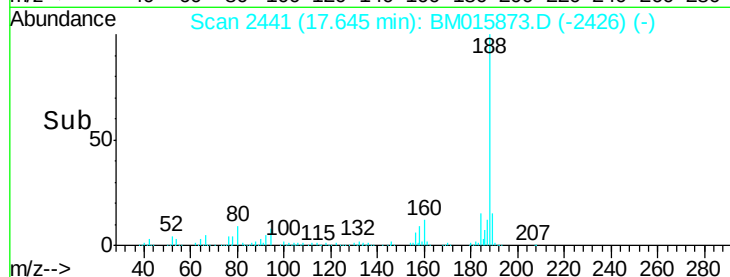
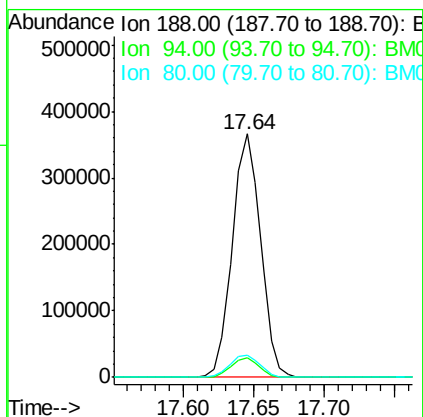
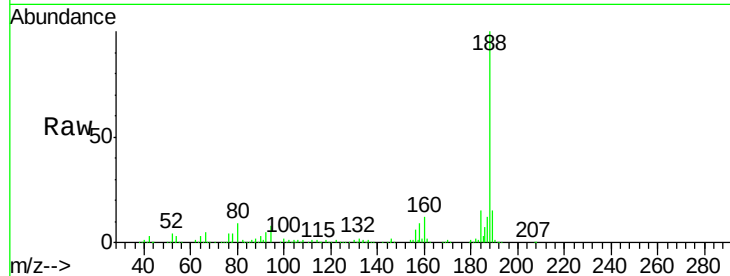




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

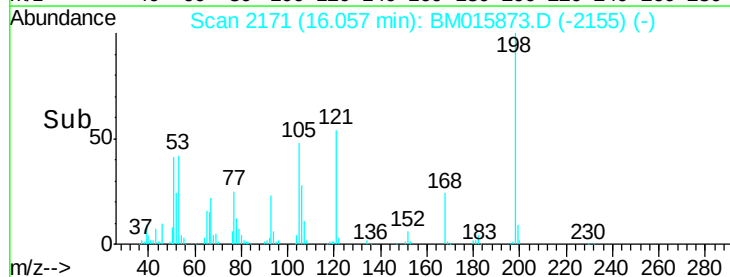
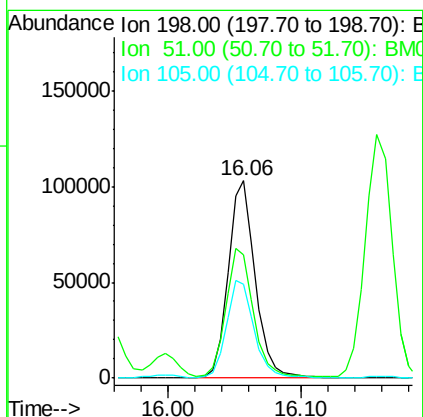
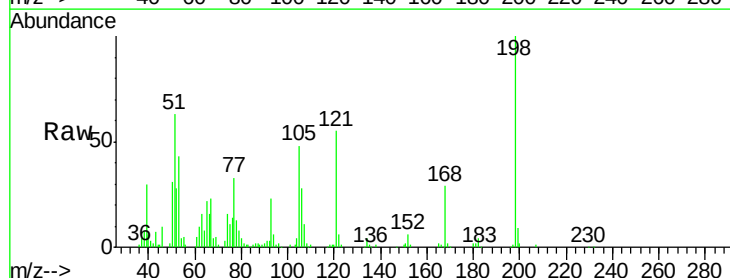
Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

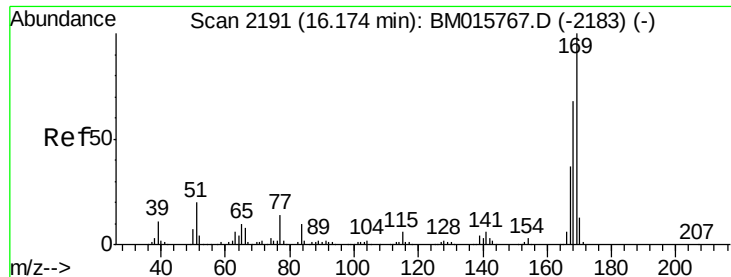
Tgt Ion:188 Resp: 511502
Ion Ratio Lower Upper
188 100
94 8.2 8.7 13.1#
80 9.3 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 47.004 ng
RT: 16.06 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion:198 Resp: 146162
Ion Ratio Lower Upper
198 100
51 62.5 28.8 68.8
105 47.9 30.5 70.5

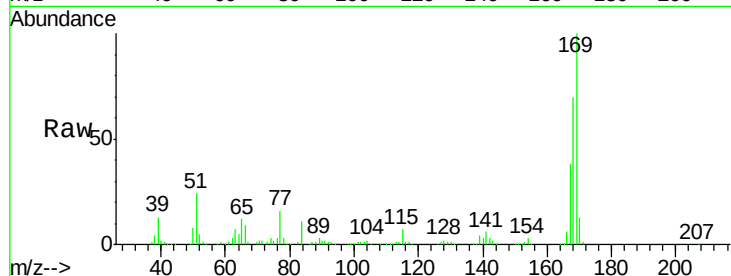




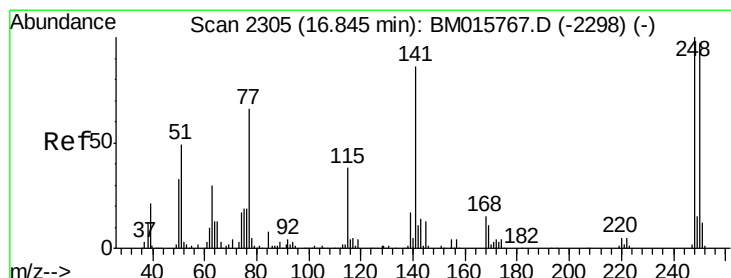
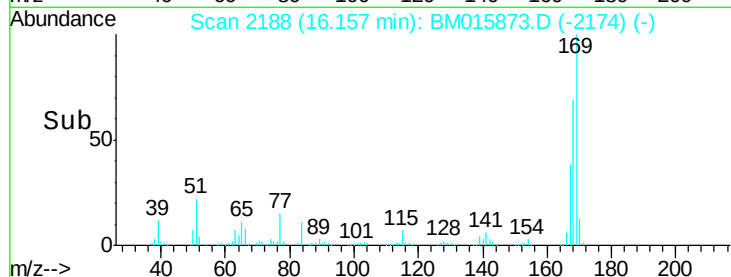
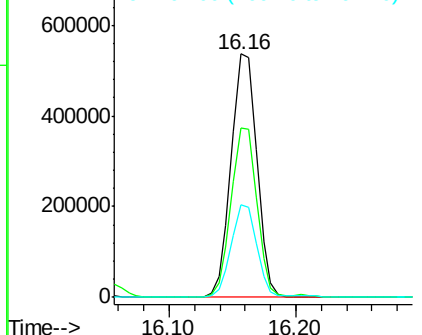
#65
 n-Nitrosodiphenylamine
 Concen: 43.079 ng
 RT: 16.16 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

Tgt Ion:169 Resp: 755028
 Ion Ratio Lower Upper
 169 100
 168 69.8 53.9 80.9
 167 38.1 28.9 43.3

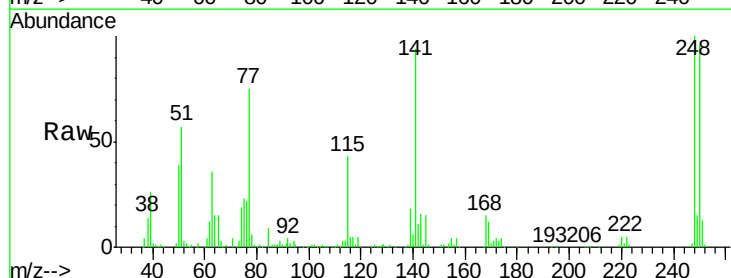


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

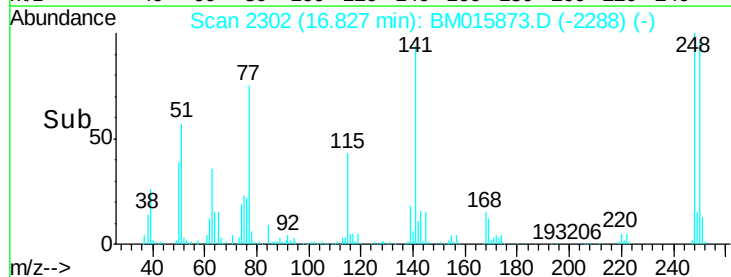
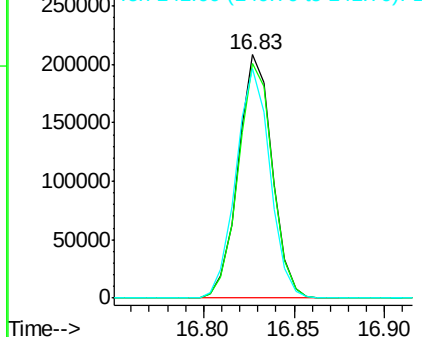


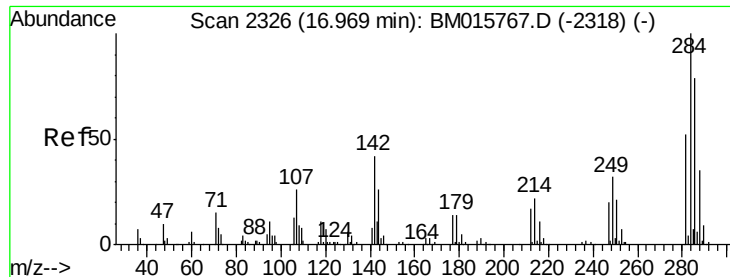
#66
 4-Bromophenyl-phenylether
 Concen: 47.301 ng
 RT: 16.83 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion:248 Resp: 270137
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.4 116.0
 141 94.3 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: 46.991 ng

RT: 16.95 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

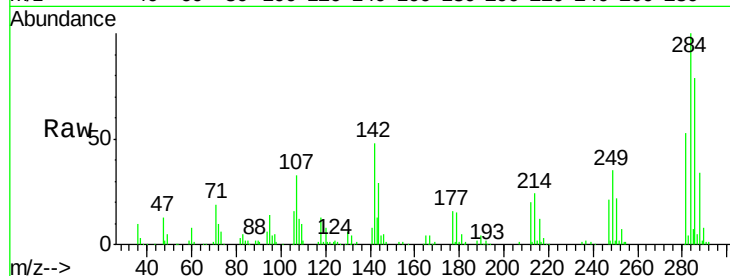
Tgt Ion:284 Resp: 299885

Ion Ratio Lower Upper

284 100

142 48.3 20.4 30.6#

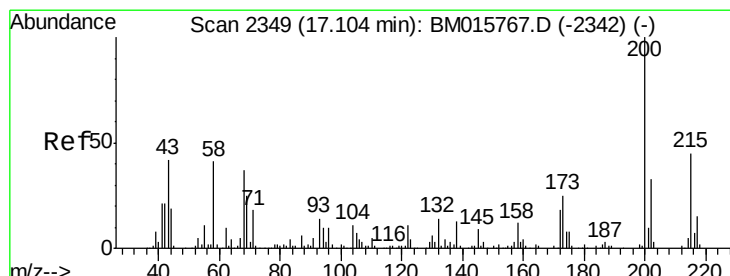
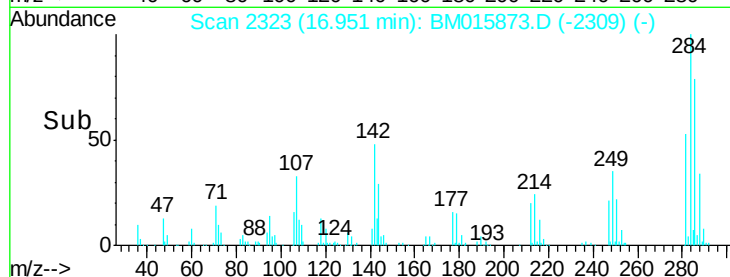
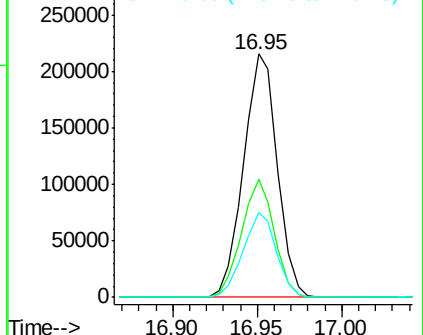
249 35.1 23.8 35.6



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: 44.982 ng

RT: 17.09 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

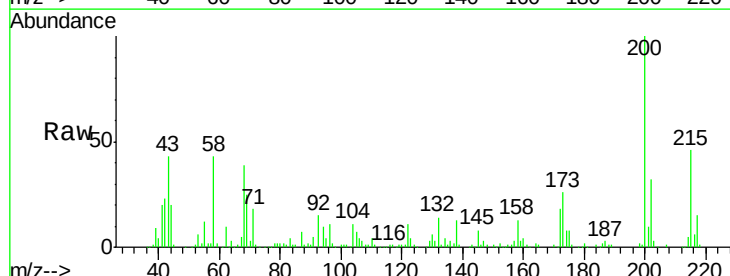
Tgt Ion:200 Resp: 259322

Ion Ratio Lower Upper

200 100

173 26.2 4.8 44.8

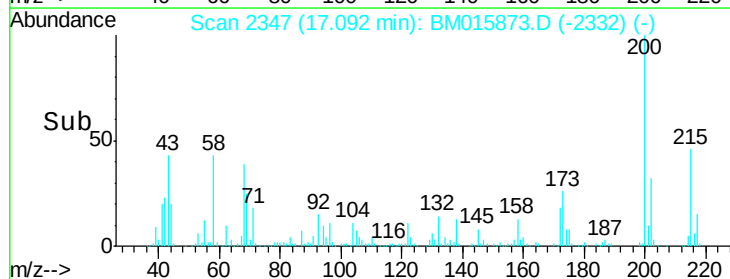
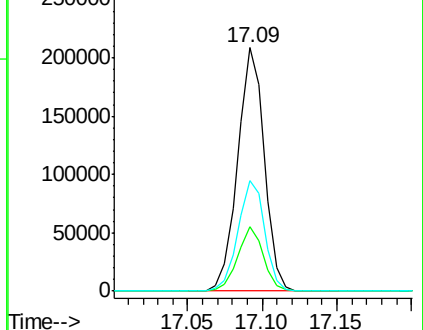
215 45.6 26.9 66.9

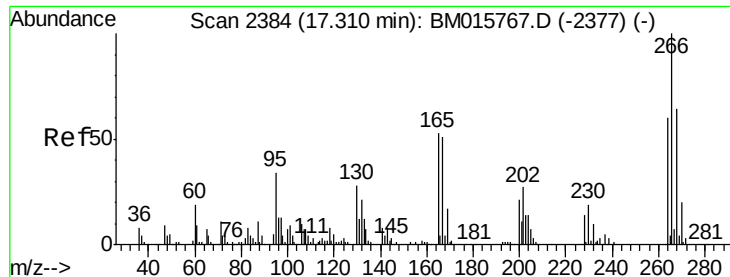


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 88.198 ng

RT: 17.30 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

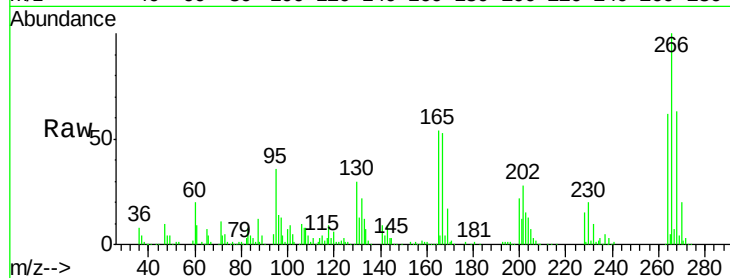
Tgt Ion:266 Resp: 348286

Ion Ratio Lower Upper

266 100

268 63.4 52.0 78.0

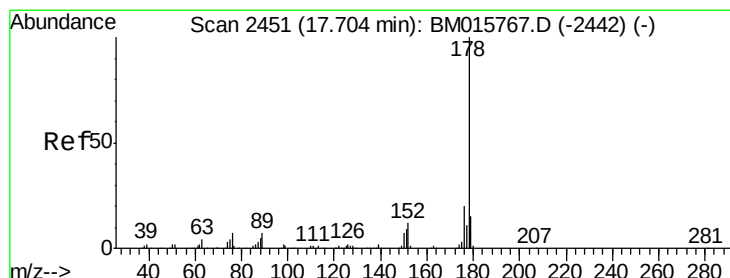
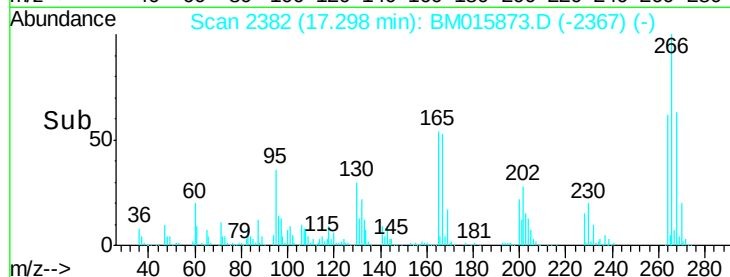
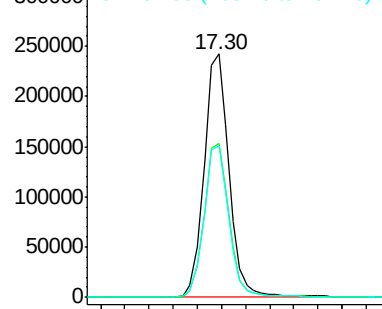
264 62.4 49.0 73.4



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: 48.574 ng

RT: 17.69 min Scan# 2448

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

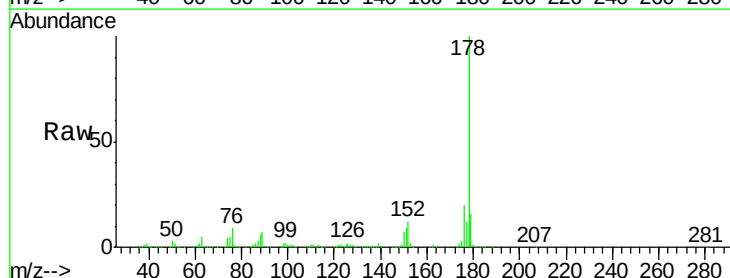
Tgt Ion:178 Resp: 1421456

Ion Ratio Lower Upper

178 100

176 20.0 15.2 22.8

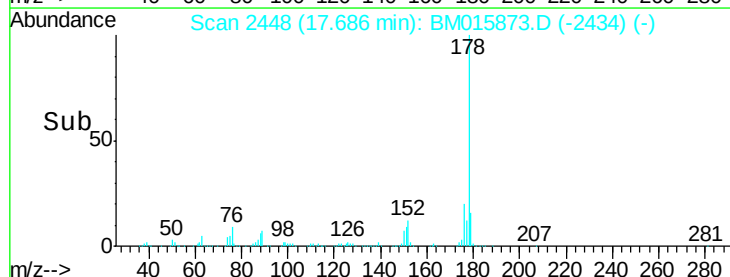
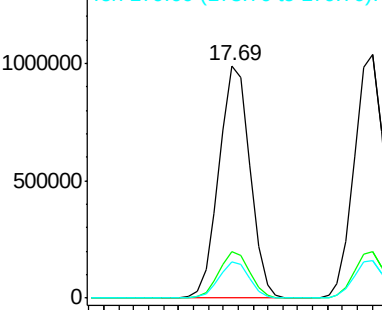
179 15.6 12.1 18.1

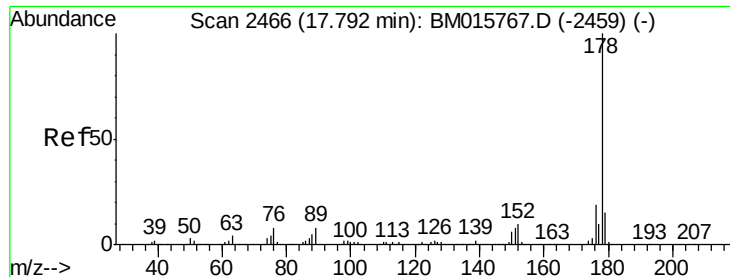


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

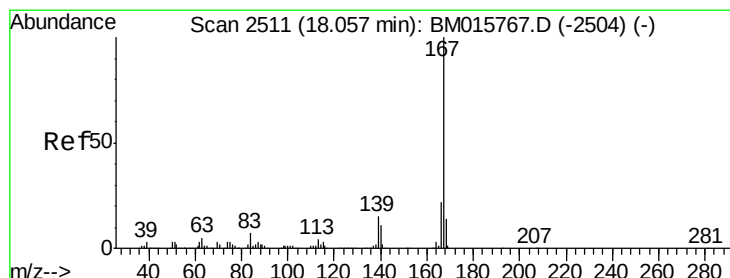
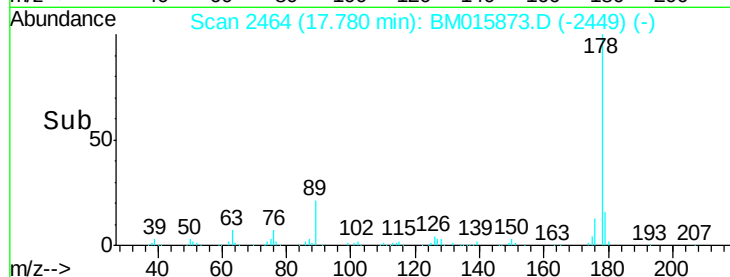
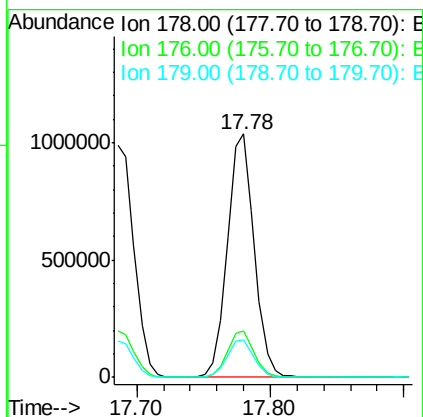
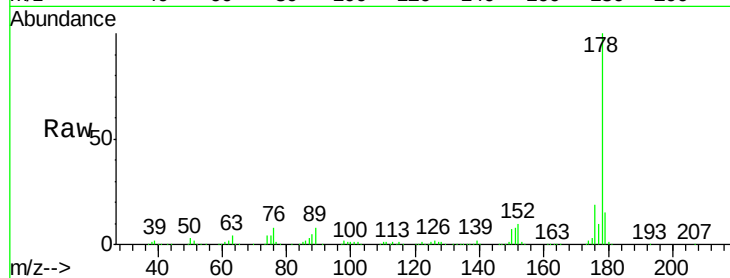




#71
 Anthracene
 Concen: 50.451 ng
 RT: 17.78 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

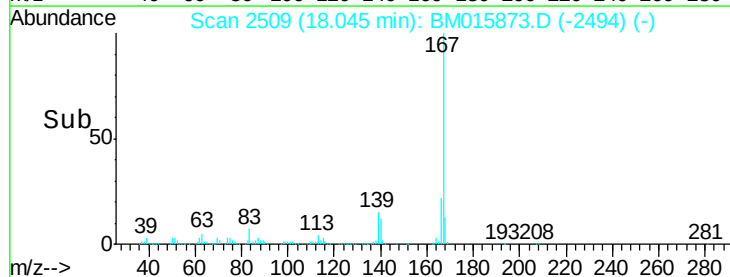
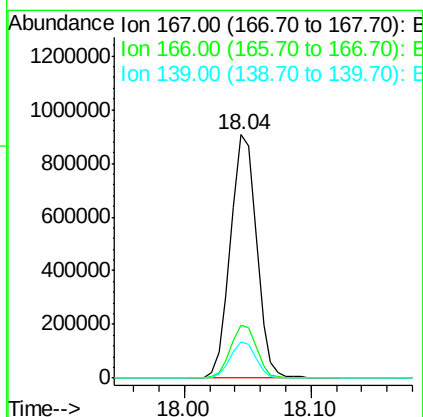
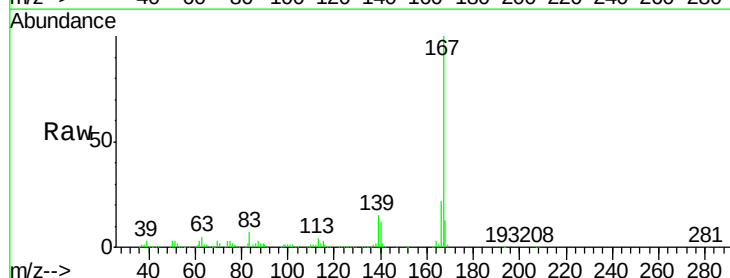
Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

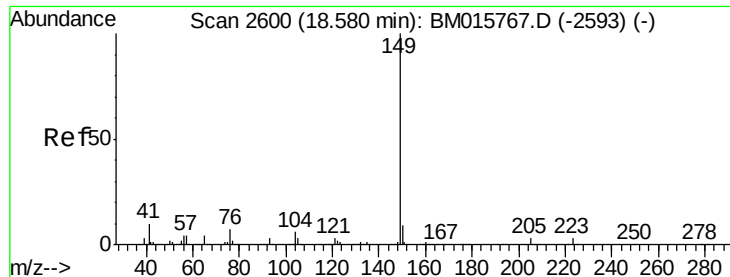
Tgt Ion:178 Resp: 1449857
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.6 22.0
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 48.162 ng
 RT: 18.04 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion:167 Resp: 1289772
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 14.9 10.8 16.2





#73

Di-n-butylphthalate

Concen: 50.056 ng

RT: 18.56 min Scan# 2597

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

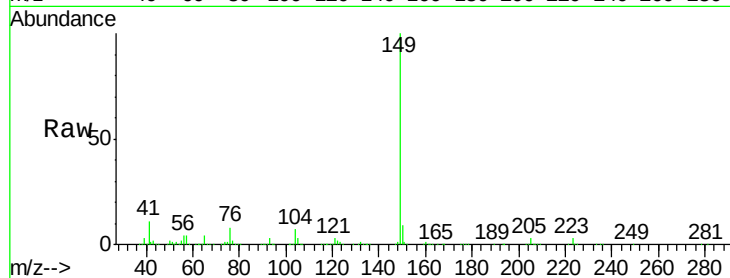
Tgt Ion:149 Resp: 1806790

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

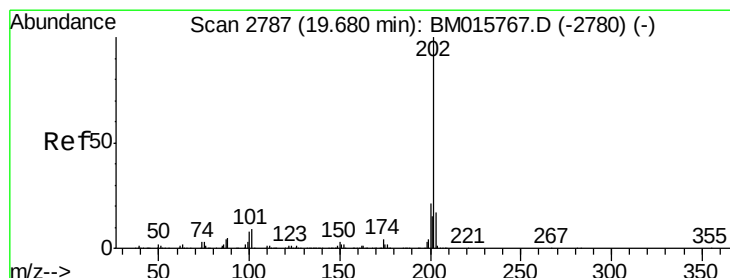
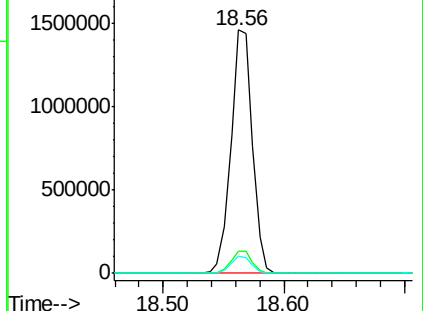
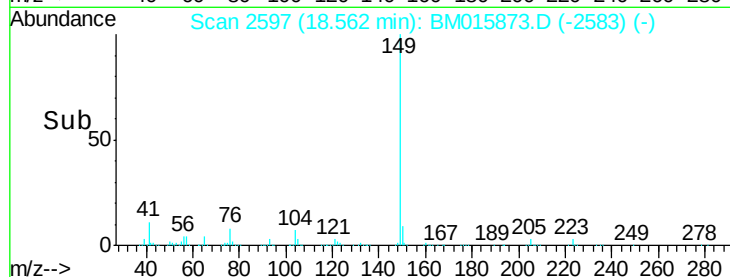
104 6.8 3.7 5.5#



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: 49.216 ng

RT: 19.67 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

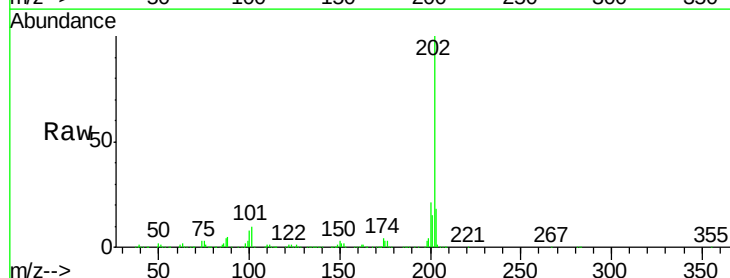
Tgt Ion:202 Resp: 1655712

Ion Ratio Lower Upper

202 100

101 9.7 0.0 28.7

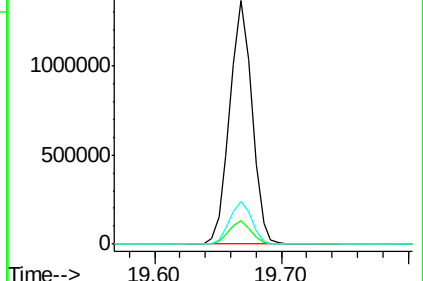
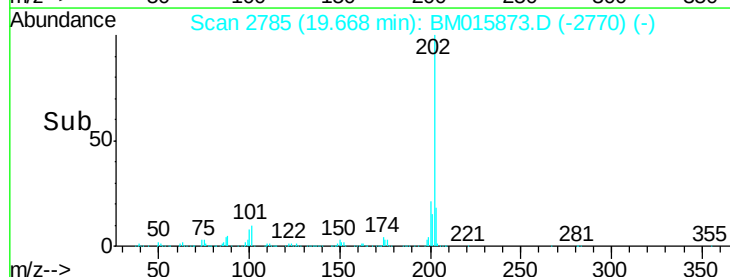
203 17.6 0.0 37.2

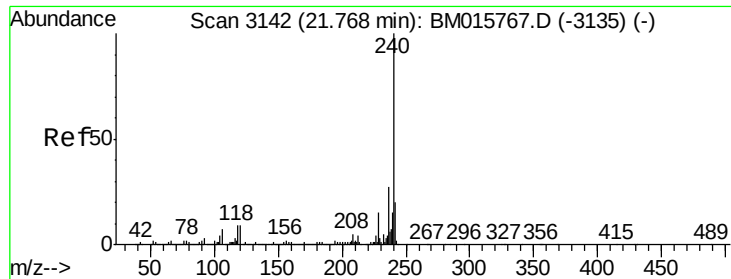


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

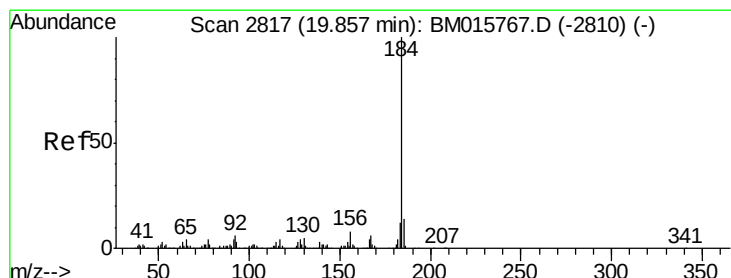
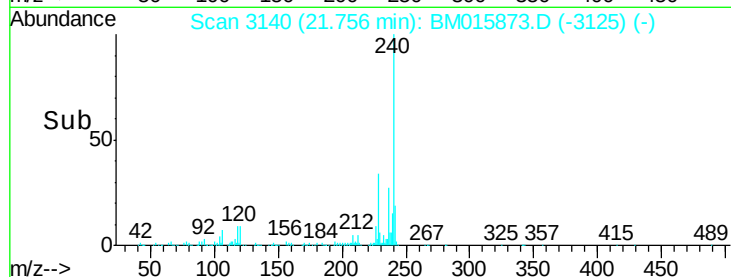
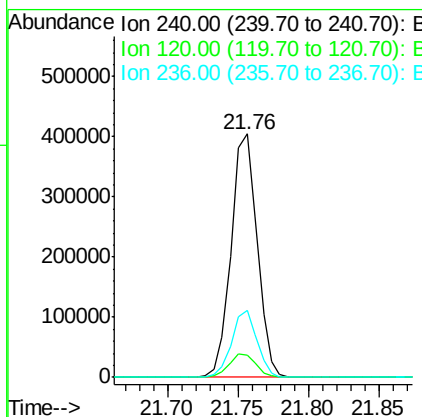
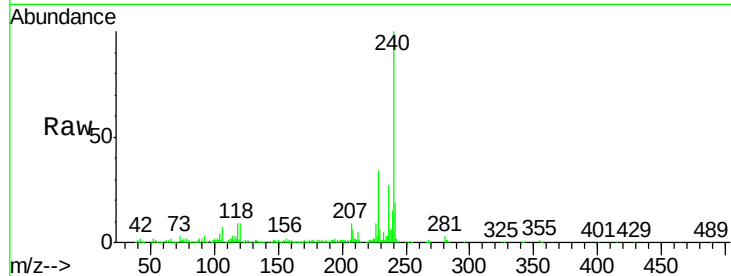




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

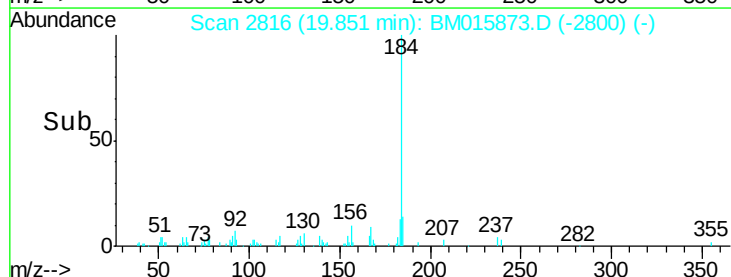
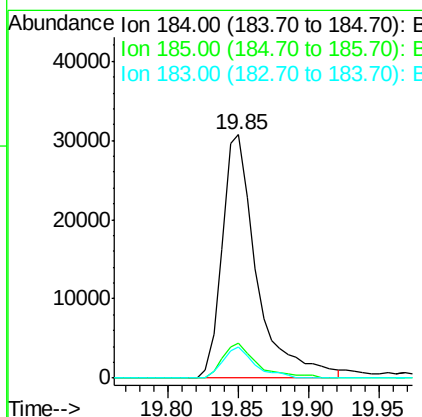
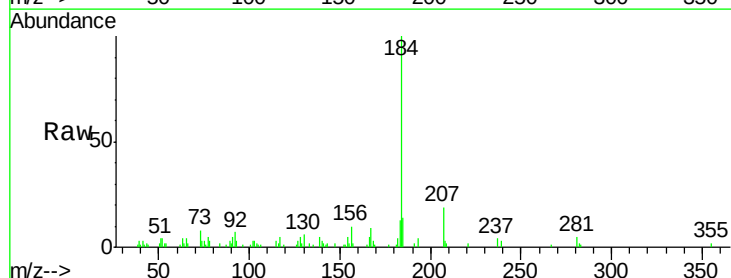
Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

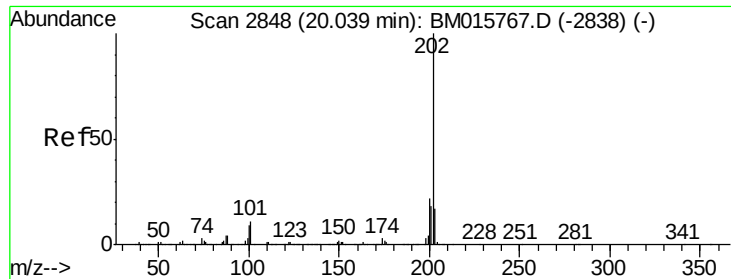
Tgt Ion:240 Resp: 520849
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.2
236 27.3 20.0 30.0



#76
Benzidine
Concen: 3.439 ng
RT: 19.85 min Scan# 2816
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion:184 Resp: 52476
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 12.7 8.9 13.3

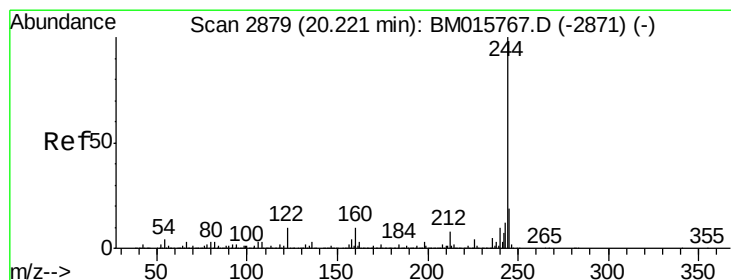
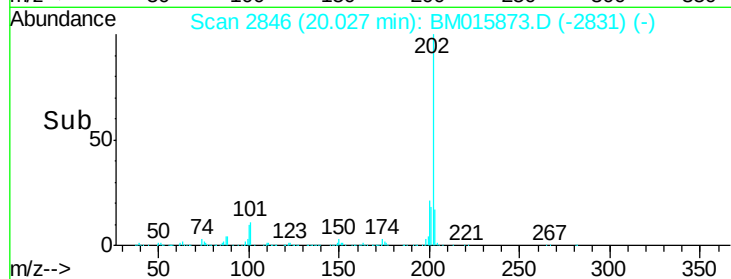
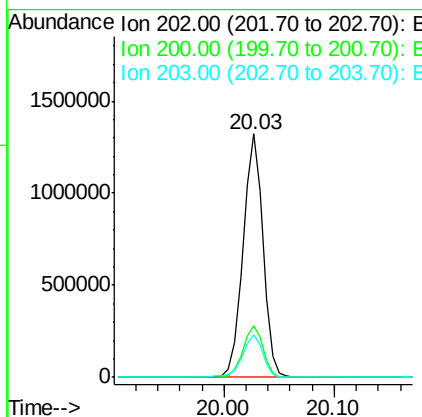
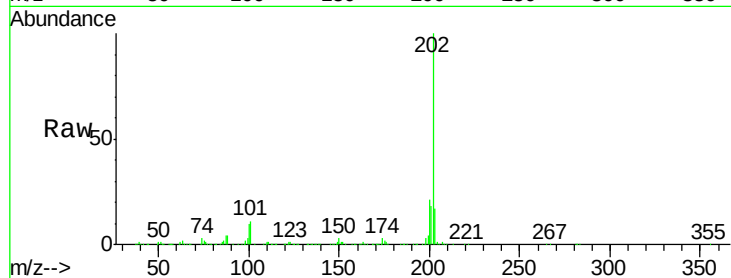




#77
 Pyrene
 Concen: 51.763 ng
 RT: 20.03 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

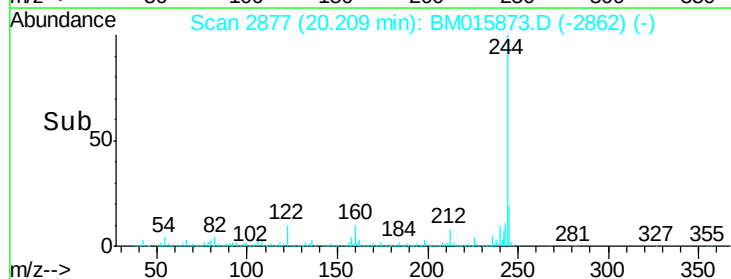
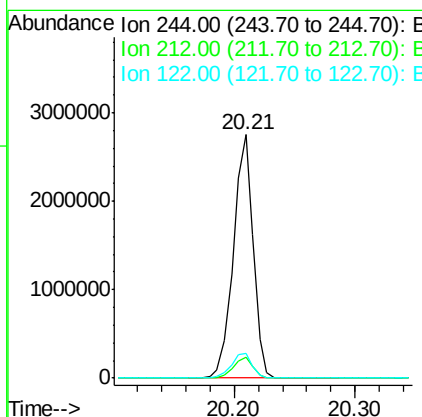
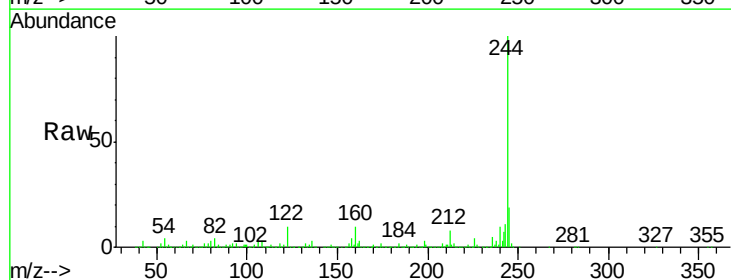
Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

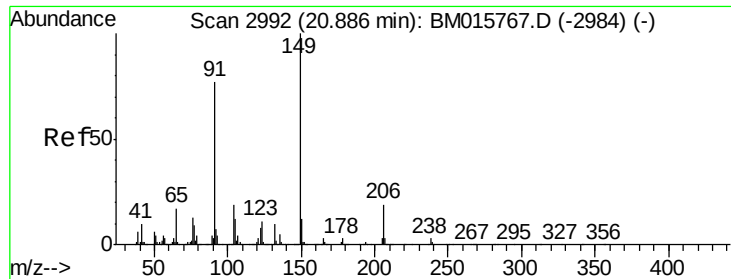
Tgt Ion:202 Resp: 1679431
 Ion Ratio Lower Upper
 202 100
 200 21.4 16.9 25.3
 203 17.4 14.1 21.1



#78
 Terphenyl-d14
 Concen: 51.763 ng
 RT: 20.21 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion:244 Resp: 3133518
 Ion Ratio Lower Upper
 244 100
 212 8.3 4.9 7.3#
 122 10.2 6.2 9.4#

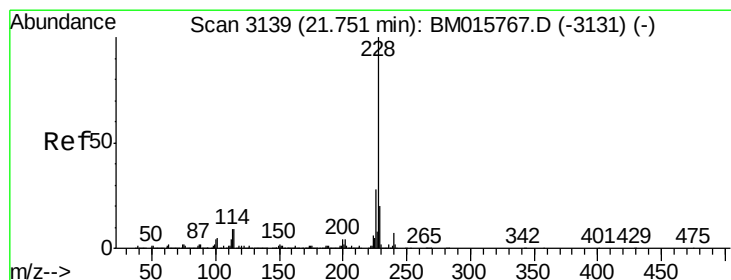
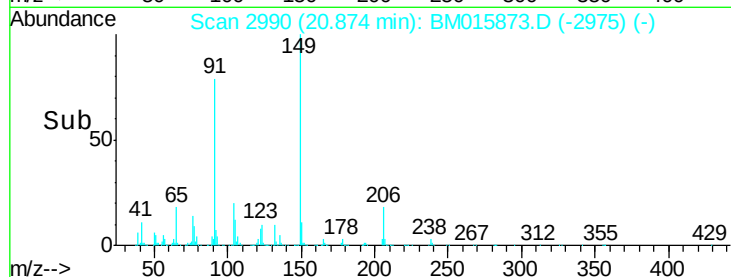
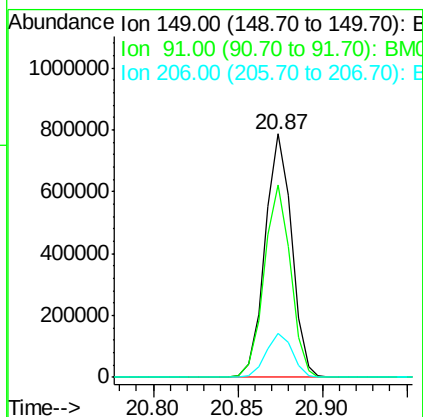
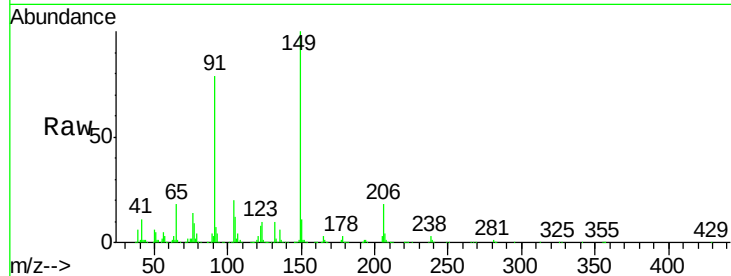




#79
Butylbenzylphthalate
Concen: 54.327 ng
RT: 20.87 min Scan# 2990
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

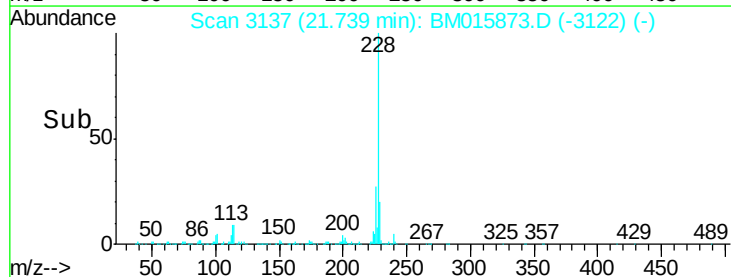
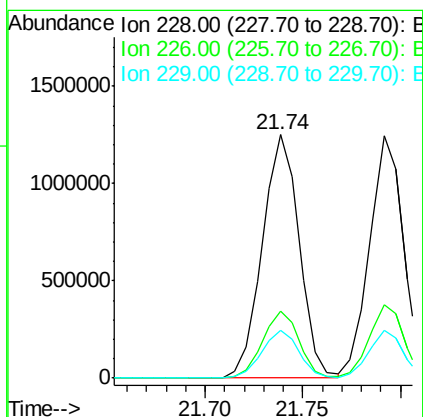
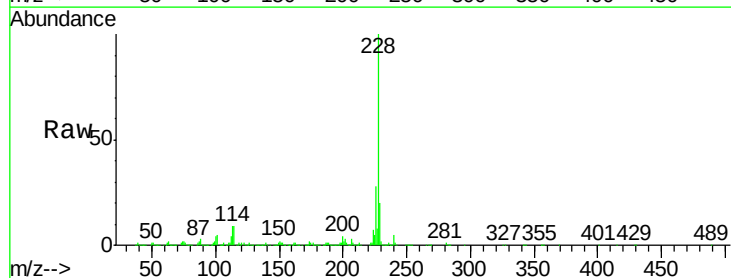
Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

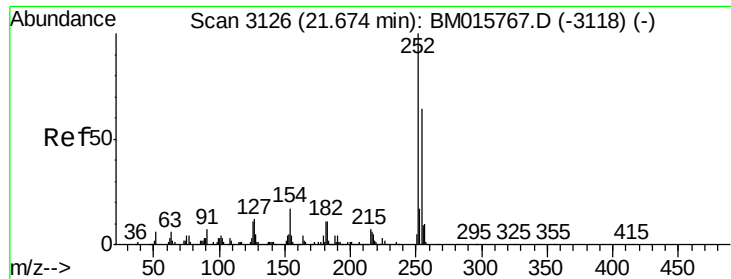
Tgt Ion:149 Resp: 852029
Ion Ratio Lower Upper
149 100
91 78.9 50.1 75.1#
206 18.2 16.2 24.2



#80
Benzo(a)anthracene
Concen: 49.677 ng
RT: 21.74 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BM015873.D
Acq: 10 Jul 2018 18:17

Tgt Ion:228 Resp: 1640484
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 19.8 16.0 24.0

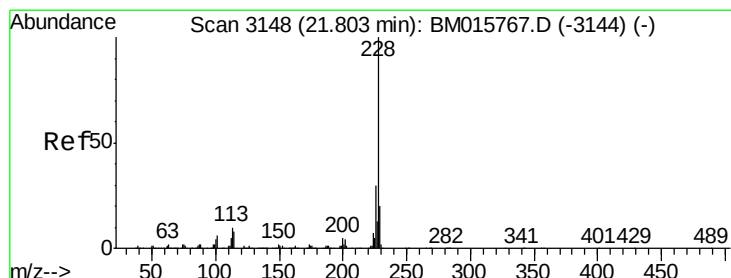
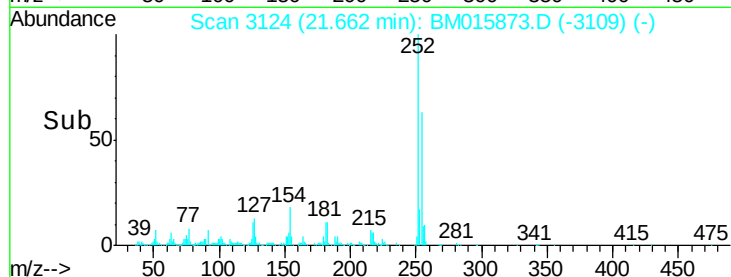
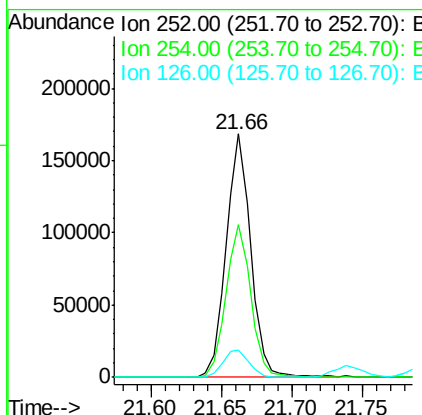
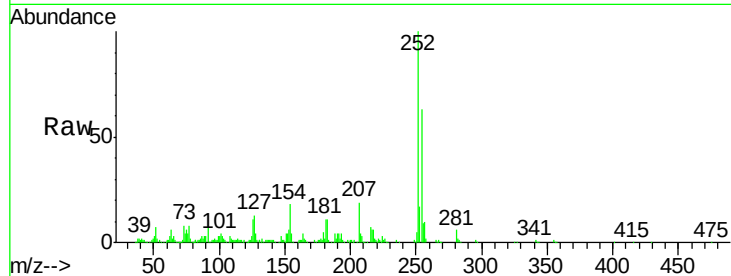




#81
 3,3'-Dichlorobenzidine
 Concen: 17.175 ng
 RT: 21.66 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

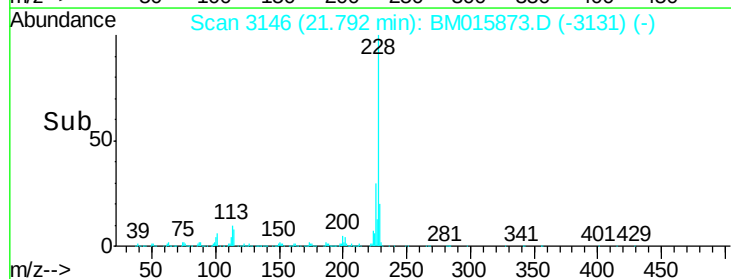
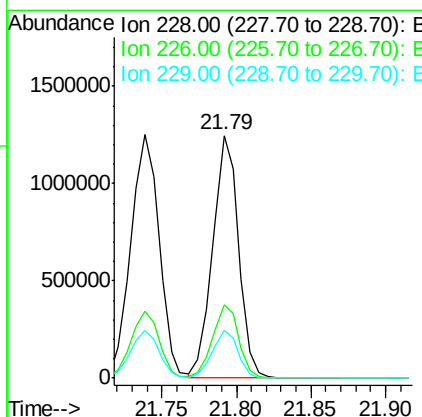
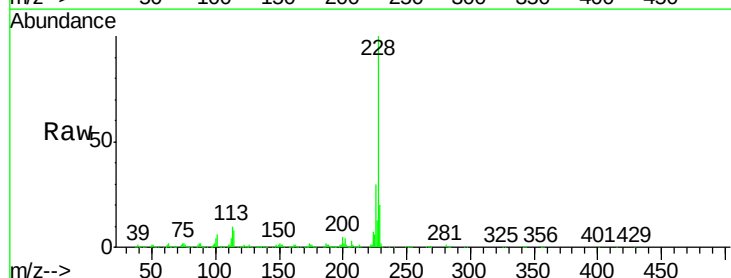
Instrument :
 BNA_M
 ClientSampleId :
 OR-03-070918MSD

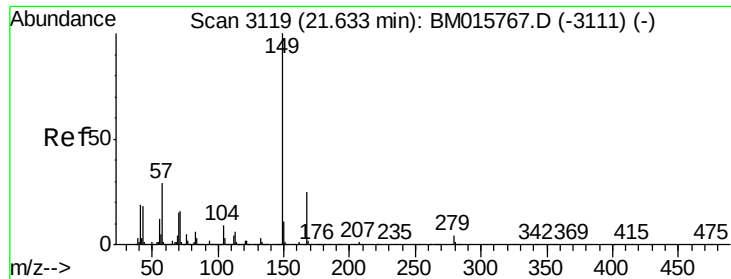
Tgt Ion:252 Resp: 203780
 Ion Ratio Lower Upper
 252 100
 254 62.6 51.9 77.9
 126 11.4 9.8 14.8



#82
 Chrysene
 Concen: 48.926 ng
 RT: 21.79 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BM015873.D
 Acq: 10 Jul 2018 18:17

Tgt Ion:228 Resp: 1505105
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.1 36.1
 229 19.9 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.795 ng

RT: 21.62 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

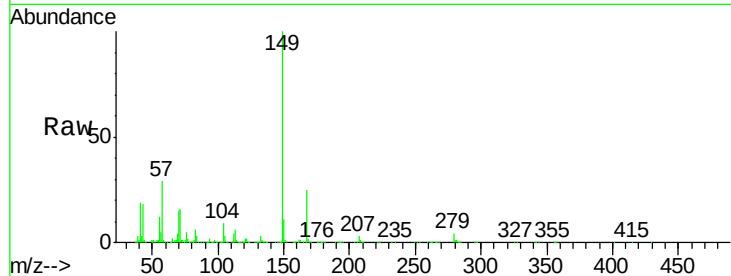
BNA_M

ClientSampleId :

OR-03-070918MSD

Tgt Ion:149 Resp: 1223420

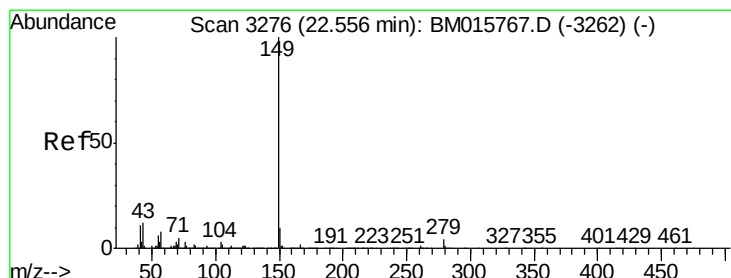
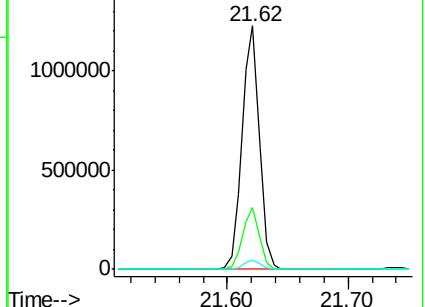
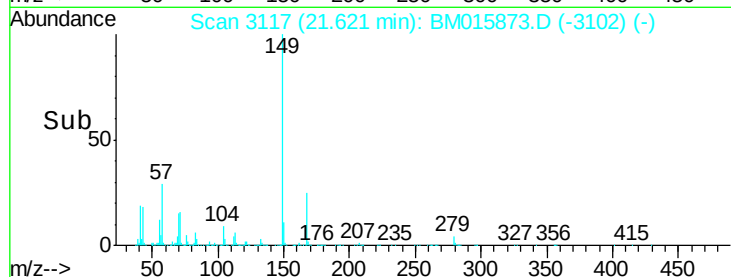
Ion	Ratio	Lower	Upper
149	100		
167	25.4	22.4	33.6
279	4.1	3.4	5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.142 ng

RT: 22.54 min Scan# 3273

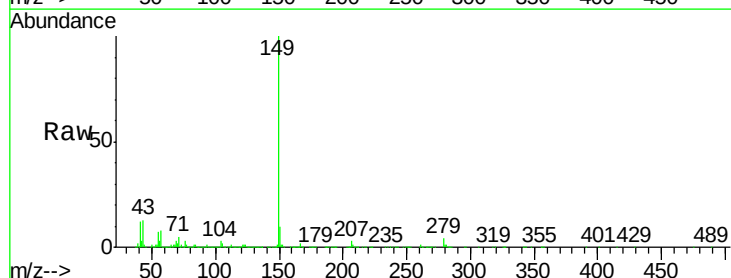
Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Tgt Ion:149 Resp: 2007995

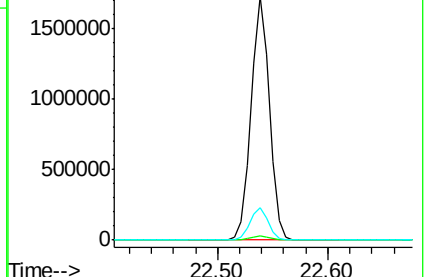
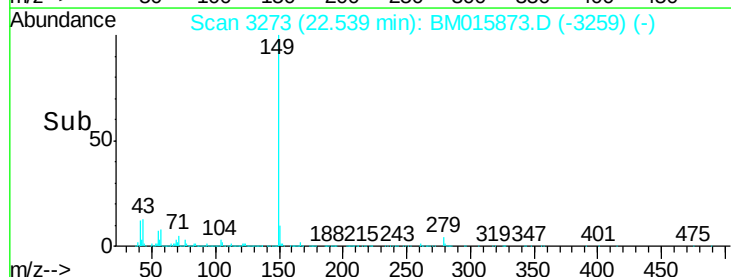
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.2	7.3	10.9

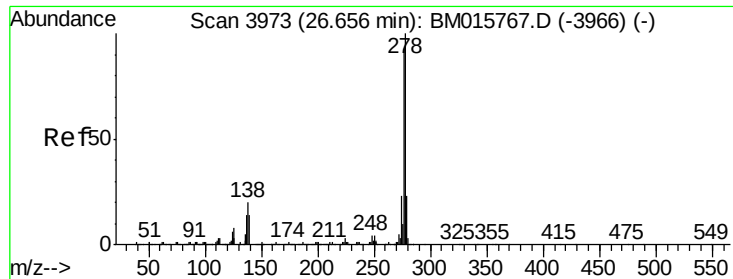


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.679 ng

RT: 26.63 min Scan# 3968

Delta R.T. -0.03 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

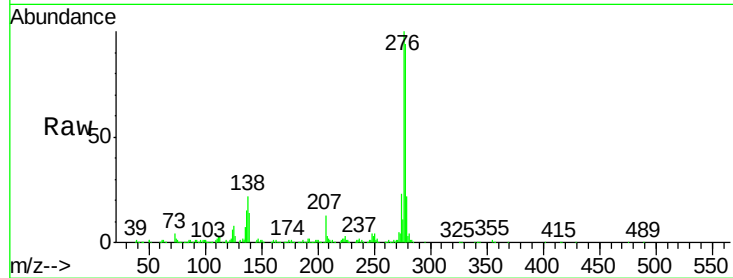
Tgt Ion:276 Resp: 1305544

Ion Ratio Lower Upper

276 100

138 22.4 12.0 18.0#

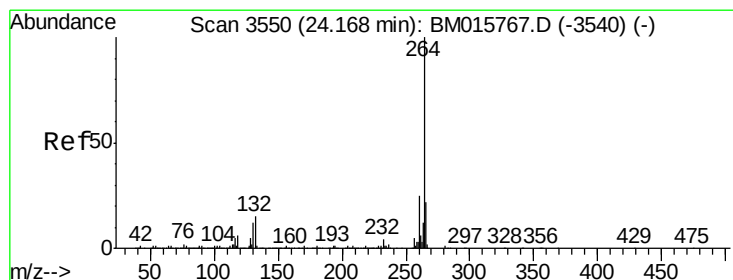
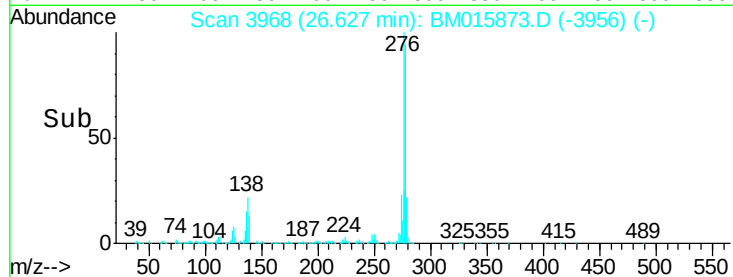
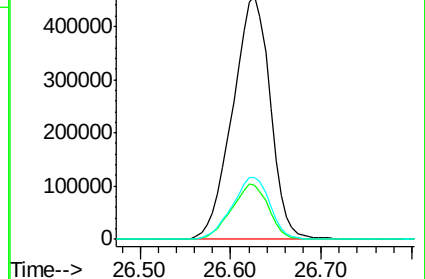
277 25.6 20.0 30.0



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: 24.15 min Scan# 3547

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

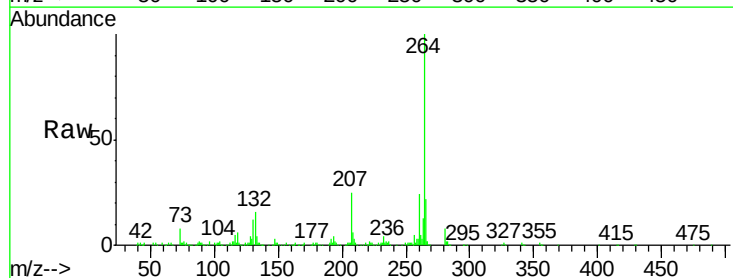
Tgt Ion:264 Resp: 417600

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

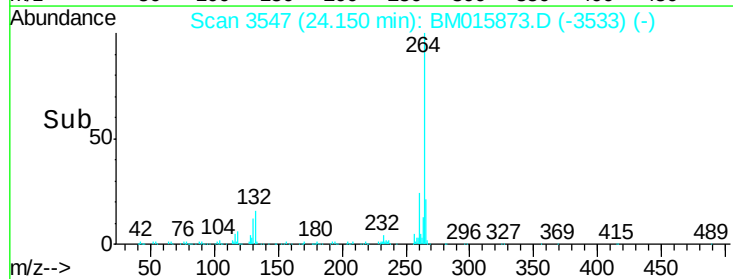
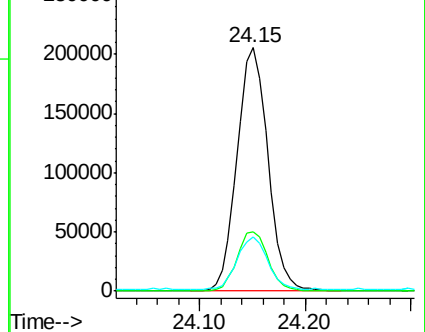
265 22.5 17.3 25.9

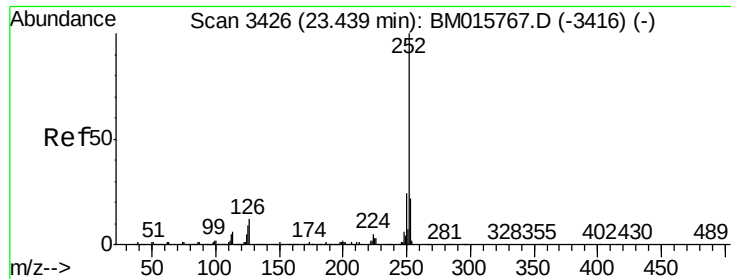


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 50.495 ng

RT: 23.42 min Scan# 3423

Delta R.T. -0.02 min

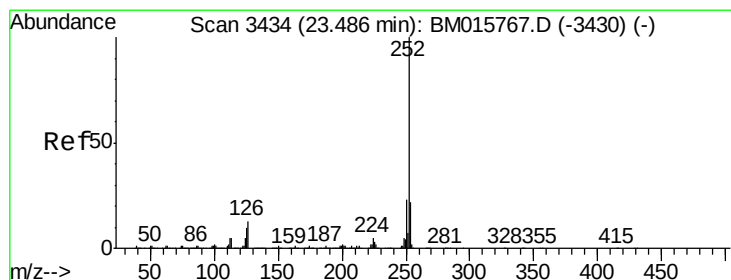
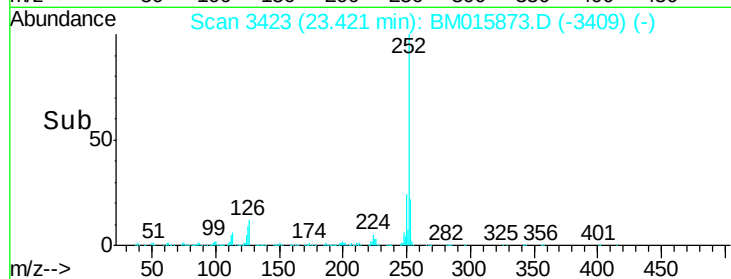
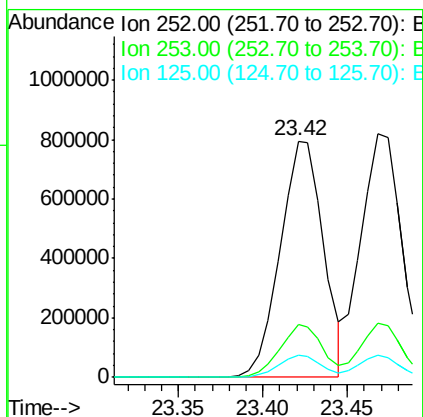
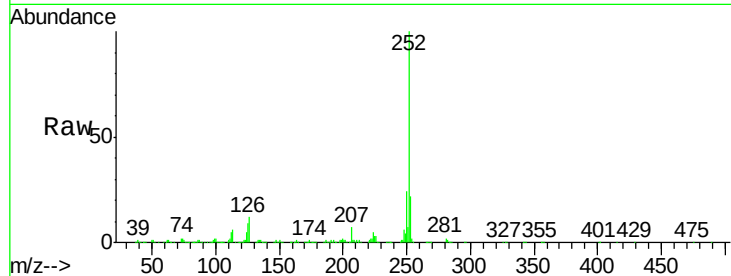
Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Tgt Ion:252 Resp: 1407858

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	9.3	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 51.177 ng

RT: 23.47 min Scan# 3431

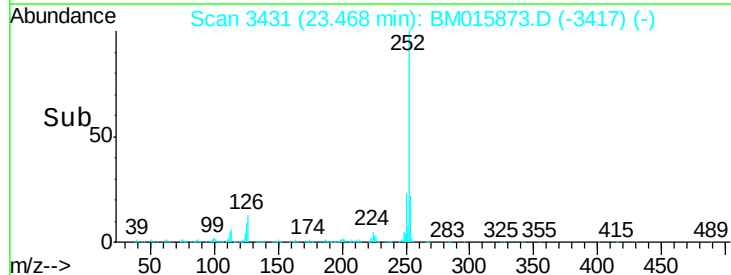
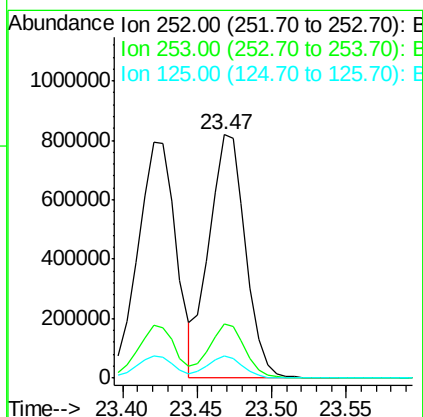
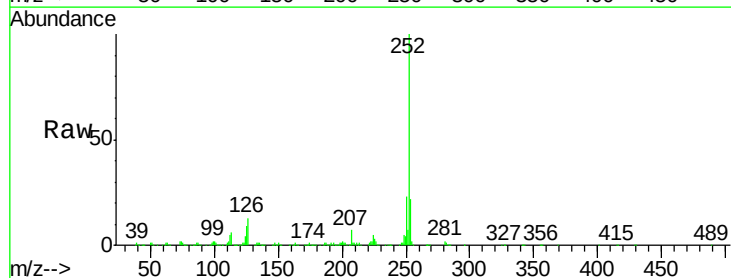
Delta R.T. -0.02 min

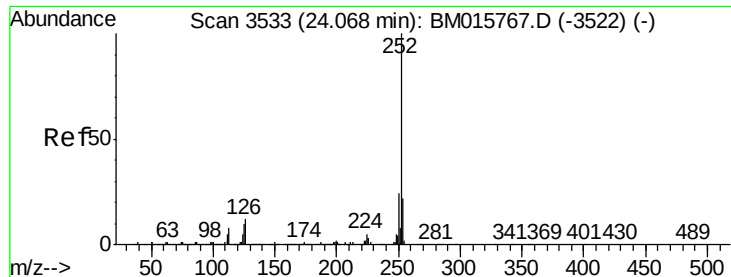
Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Tgt Ion:252 Resp: 1386060

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	9.3	8.1	12.1





#89

Benzo(a)pyrene

Concen: 51.881 ng

RT: 24.05 min Scan# 3530

Delta R.T. -0.02 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

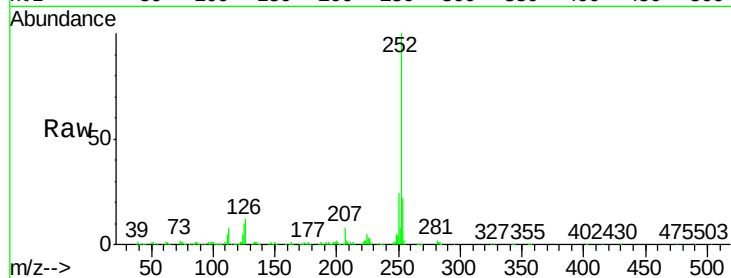
Tgt Ion:252 Resp: 1273289

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

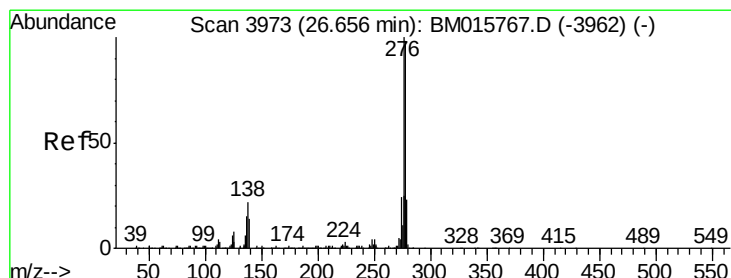
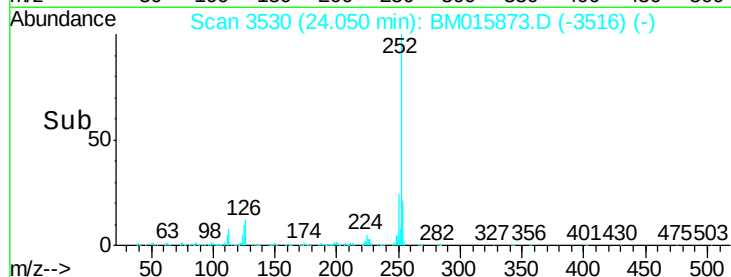
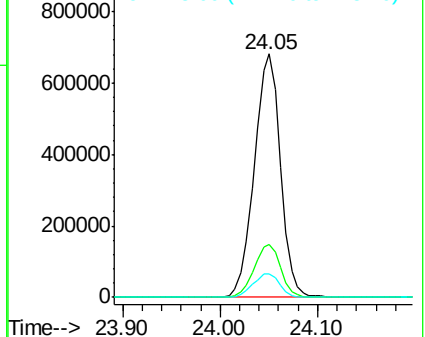
125 9.8 7.4 11.2



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: 51.247 ng

RT: 26.63 min Scan# 3968

Delta R.T. -0.03 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

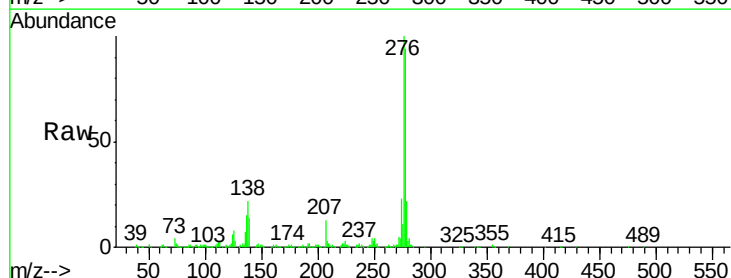
Tgt Ion:278 Resp: 1131623

Ion Ratio Lower Upper

278 100

139 14.4 13.4 20.0

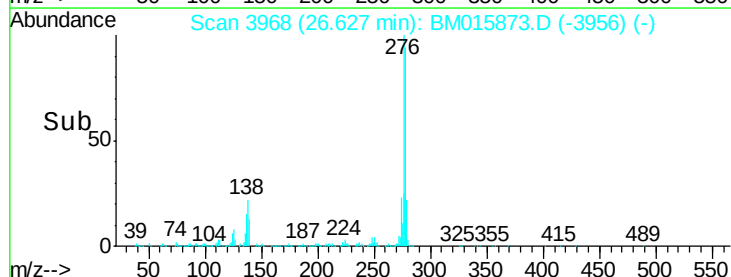
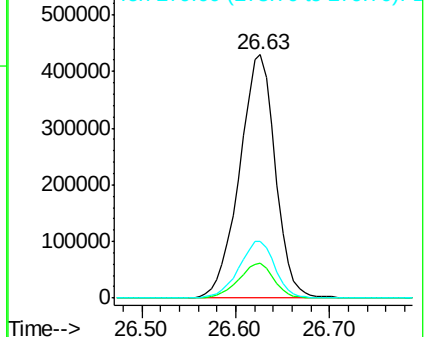
279 23.1 19.0 28.4

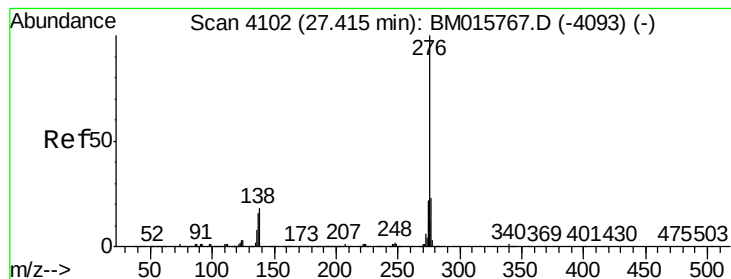


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 51.698 ng

RT: 27.39 min Scan# 4097

Delta R.T. -0.03 min

Lab File: BM015873.D

Acq: 10 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

OR-03-070918MSD

Tgt Ion: 276 Resp: 1003050

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 18.8 19.0 28.6

