

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM052218\
 Data File : BM015247.D
 Acq On : 22 May 2018 19:22
 Operator : SJ/JU
 Sample : J2133-01
 Misc : LOD 8 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 23 04:05:39 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM052218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 22 15:47:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	205913	20.00	ng	0.00
21) Naphthalene-d8	11.25	136	833291	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	432915	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	903847	20.00	ng	0.00
75) Chrysene-d12	21.83	240	908867	20.00	ng	0.00
86) Perylene-d12	24.27	264	911481	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.89	112	1671478	132.81	ng	0.00
7) Phenol-d6	7.55	99	2155391	131.51	ng	0.00
23) Nitrobenzene-d5	9.59	82	1333870	87.69	ng	0.00
41) 2,4,6-Tribromophenol	16.49	330	761853	140.34	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	2936444	84.32	ng	0.00
78) Terphenyl-d14	20.29	244	3856094	93.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.62	88	40874	7.861	ng	# 100
3) Pyridine	4.08	79	86722	6.511	ng	# 88
4) n-Nitrosodimethylamine	3.98	42	44602	6.189	ng	# 65
6) Aniline	7.72	93	146679	7.264	ng	96
8) 2-Chlorophenol	7.96	128	103975	7.320	ng	97
9) Benzaldehyde	7.53	77	64107	6.184	ng	88
10) Phenol	7.58	94	122264	7.346	ng	82
11) bis(2-Chloroethyl)ether	7.81	93	97594	7.393	ng	90
12) 1,3-Dichlorobenzene	8.29	146	127158	7.852	ng	97
13) 1,4-Dichlorobenzene	8.45	146	125840	7.685	ng	94
14) 1,2-Dichlorobenzene	8.77	146	122339	7.872	ng	96
15) Benzyl Alcohol	8.65	79	84288	7.112	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.93	45	159116	7.640	ng	95
17) 2-Methylphenol	8.85	107	83865	7.580	ng	# 93
18) Hexachloroethane	9.50	117	41868	7.200	ng	92
19) n-Nitroso-di-n-propylamine	9.22	70	76679	7.341	ng	# 88
20) 3+4-Methylphenols	9.18	107	112507	7.658	ng	95
22) Acetophenone	9.25	105	159569	7.983	ng	# 95
24) Nitrobenzene	9.63	77	126356	7.978	ng	97
25) Isophorone	10.16	82	175582	6.720	ng	95
26) 2-Nitrophenol	10.35	139	42178	5.935	ng	# 76
27) 2,4-Dimethylphenol	10.39	122	74337	5.768	ng	91
28) bis(2-Chloroethoxy)methane	10.63	93	119403	6.979	ng	99
29) 2,4-Dichlorophenol	10.89	162	82742	6.779	ng	99
30) 1,2,4-Trichlorobenzene	11.10	180	114638	7.973	ng	98
31) Naphthalene	11.29	128	334579	7.725	ng	99
32) Benzoic acid	10.47	122	50215	6.735	ng	99
33) 4-Chloroaniline	11.40	127	126815	7.337	ng	# 92
34) Hexachlorobutadiene	11.56	225	69383	8.114	ng	96
35) Caprolactam	12.16	113	20051	5.805	ng	92
36) 4-Chloro-3-methylphenol	12.49	107	84997	6.817	ng	91
37) 2-Methylnaphthalene	12.87	142	221331	7.374	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	117282	7.691	ng	# 100
40) Hexachlorocyclopentadiene	13.20	237	39554	8.979	ng	99

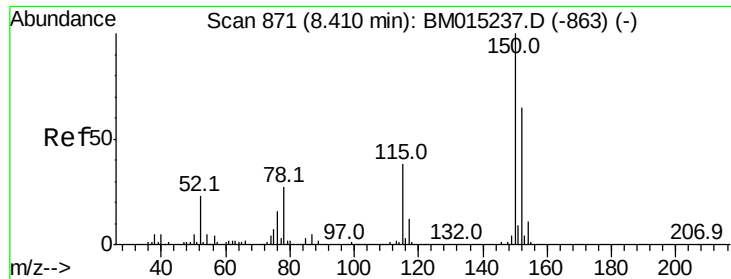
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM052218\
 Data File : BM015247.D
 Acq On : 22 May 2018 19:22
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 22 15:47:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.47	196	60605	6.614	ng	98
43) 2,4,5-Trichlorophenol	13.54	196	71590	7.235	ng	# 90
45) 1,1'-Biphenyl	13.86	154	304865	8.049	ng	97
46) 2-Chloronaphthalene	13.91	162	229639	7.877	ng	92
47) 2-Nitroaniline	14.11	65	52463	6.317	ng	83
48) Acenaphthylene	14.75	152	327028	7.552	ng	99
49) Dimethylphthalate	14.46	163	272597	7.890	ng	100
50) 2,6-Dinitrotoluene	14.59	165	51403	7.131	ng	93
51) Acenaphthene	15.08	154	213823	7.927	ng	98
52) 3-Nitroaniline	14.92	138	48867	6.438	ng	# 78
53) 2,4-Dinitrophenol	15.13	184	14815	9.704	ng	84
54) Dibenzofuran	15.41	168	321101	7.550	ng	95
55) 4-Nitrophenol	15.22	139	32460	5.273	ng	# 53
56) 2,4-Dinitrotoluene	15.37	165	60996	6.180	ng	# 84
57) Fluorene	16.05	166	253424	7.540	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.63	232	54905	6.471	ng	# 100
59) Diethylphthalate	15.80	149	258759	7.598	ng	96
60) 4-Chlorophenyl-phenylether	16.03	204	128348	7.497	ng	93
61) 4-Nitroaniline	16.07	138	47397	5.973	ng	# 69
62) Azobenzene	16.33	77	231630	7.159	ng	90
64) 4,6-Dinitro-2-methylphenol	16.13	198	27661	5.545	ng	96
65) n-Nitrosodiphenylamine	16.25	169	214841	7.398	ng	99
66) 4-Bromophenyl-phenylether	16.92	248	73867	7.315	ng	# 88
67) Hexachlorobenzene	17.05	284	89331	7.682	ng	# 87
68) Atrazine	17.17	200	43099	4.678	ng	100
69) Pentachlorophenol	17.39	266	39831	6.153	ng	99
70) Phenanthrene	17.78	178	388225	7.541	ng	99
71) Anthracene	17.87	178	361608	7.046	ng	100
72) Carbazole	18.13	167	341917	7.526	ng	99
73) Di-n-butylphthalate	18.65	149	371594	6.947	ng	99
74) Fluoranthene	19.75	202	415419	7.357	ng	98
76) Benzidine	19.92	184	111463	3.918	ng	100
77) Pyrene	20.11	202	438731	7.648	ng	99
79) Butylbenzylphthalate	20.95	149	155990	6.660	ng	88
80) Benzo(a)anthracene	21.82	228	424031	7.404	ng	99
81) 3,3'-Dichlorobenzidine	21.74	252	147870	6.973	ng	99
82) Chrysene	21.87	228	416824	7.727	ng	100
83) Bis(2-ethylhexyl)phthalate	21.70	149	229198	6.728	ng	97
84) Di-n-octyl phthalate	22.63	149	352064	5.909	ng	# 94
85) Indeno(1,2,3-cd)pyrene	26.79	276	484439	7.423	ng	# 91
87) Benzo(b)fluoranthene	23.53	252	429665	7.450	ng	97
88) Benzo(k)fluoranthene	23.57	252	415471	7.616	ng	99
89) Benzo(a)pyrene	24.16	252	390443	7.258	ng	98
90) Dibenzo(a,h)anthracene	26.80	278	410688	7.483	ng	99
91) Benzo(g,h,i)perylene	27.56	276	399899	7.481	ng	96

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

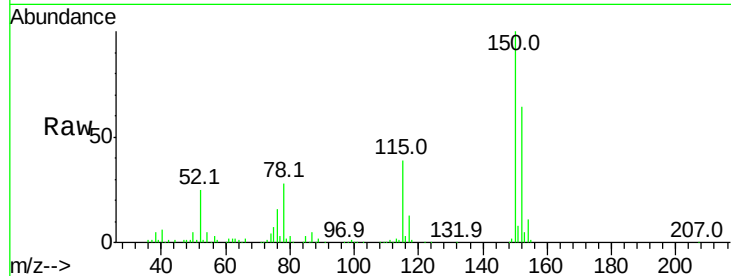


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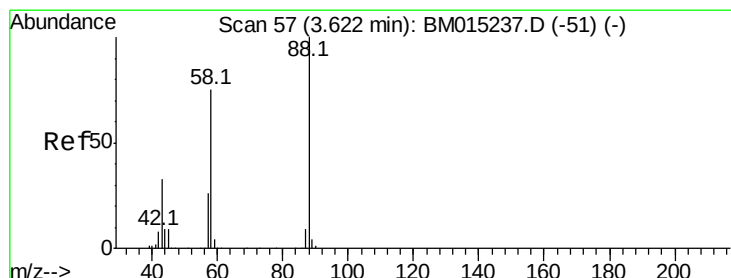
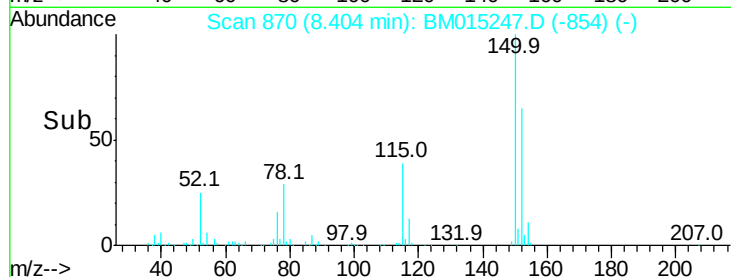
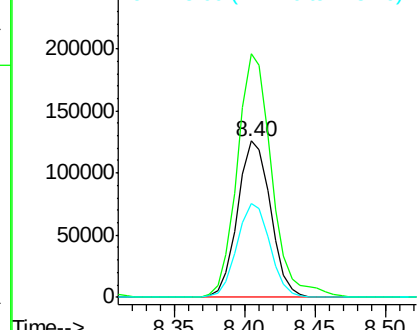
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.40 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 205913
Ion Ratio Lower Upper
152 100
150 156.1 119.5 179.3
115 60.4 43.0 64.4



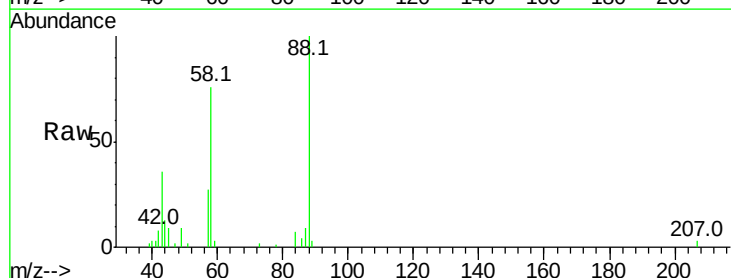
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



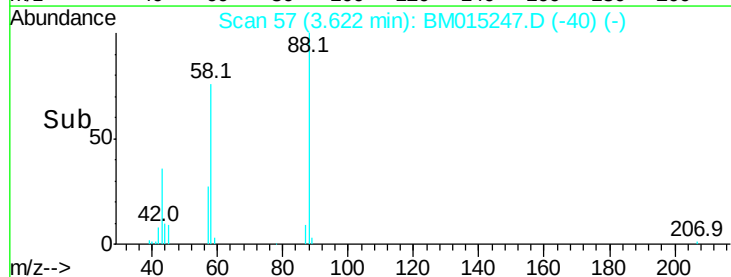
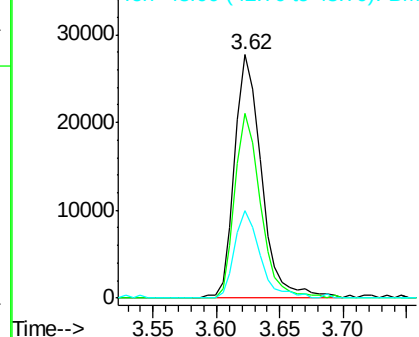
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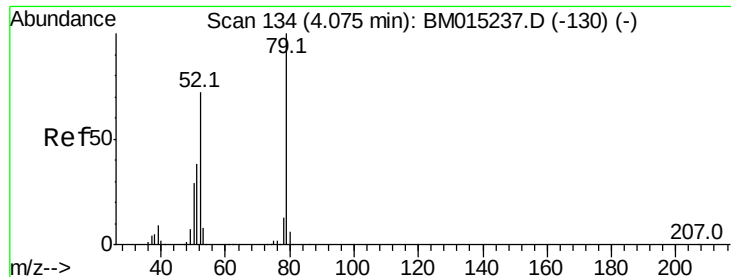
1,4-Dioxane
Concen: 7.861 ng
RT: 3.62 min Scan# 57
Delta R.T. 0.00 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Tgt Ion: 88 Resp: 40874
Ion Ratio Lower Upper
88 100
58 72.7 0.0 0.0#
43 34.1 0.0 0.0#



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





#3

Pvridine

Concen: 6.511 ng

RT: 4.08 min Scan# 135

Delta R.T. 0.01 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampleId :

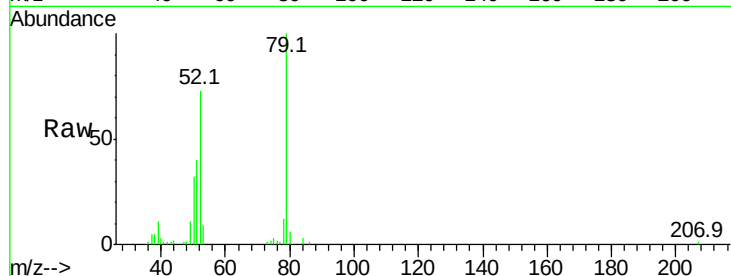
Tot Ion: 79 Resp: 86722

Ion Ratio Lower Upper

79 100

52 73.4 51.1 76.7

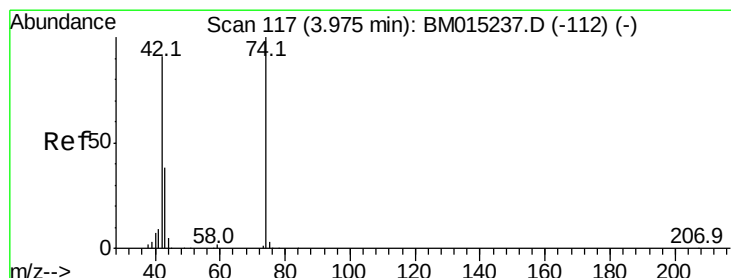
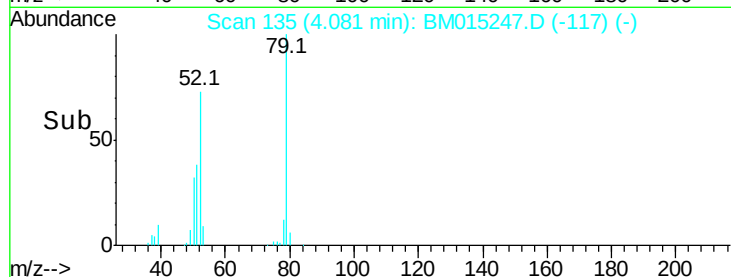
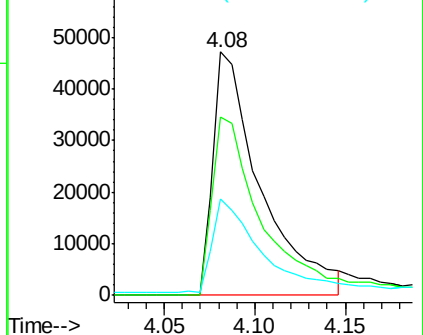
51 39.8 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM015237.D (-130) (-)

Ion 52.00 (51.70 to 52.70): BM015237.D (-130) (-)

Ion 51.00 (50.70 to 51.70): BM015237.D (-130) (-)



#4

n-Nitrosodimethylamine

Concen: 6.189 ng

RT: 3.98 min Scan# 118

Delta R.T. 0.01 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

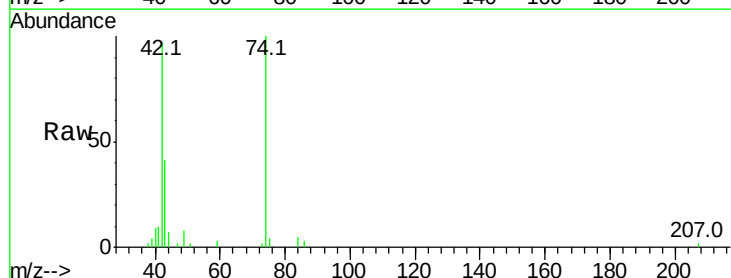
Tgt Ion: 42 Resp: 44602

Ion Ratio Lower Upper

42 100

74 103.5 119.3 178.9#

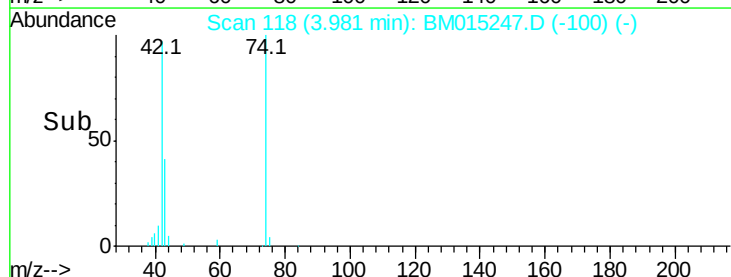
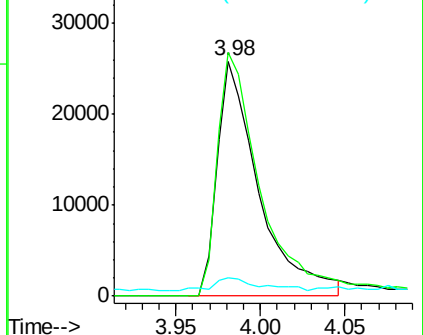
44 7.6 5.4 8.2

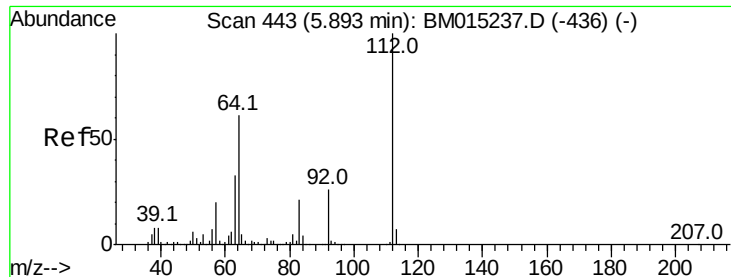


Abundance Ion 42.00 (41.70 to 42.70): BM015237.D (-112) (-)

Ion 74.00 (73.70 to 74.70): BM015237.D (-112) (-)

Ion 44.00 (43.70 to 44.70): BM015237.D (-112) (-)





#5

2-Fluorophenol

Concen: 132.807 ng

RT: 5.89 min Scan# 443

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampled :

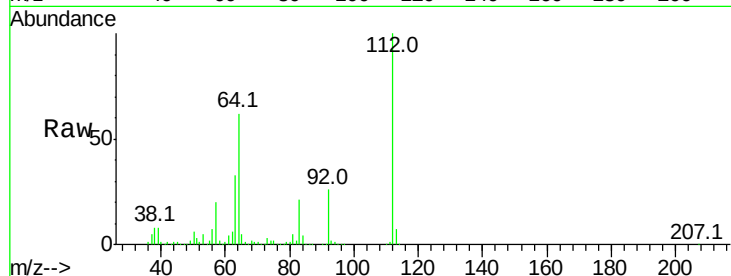
Tot Ion:112 Resp: 1671478

Ion Ratio Lower Upper

112 100

64 61.7 38.6 57.8#

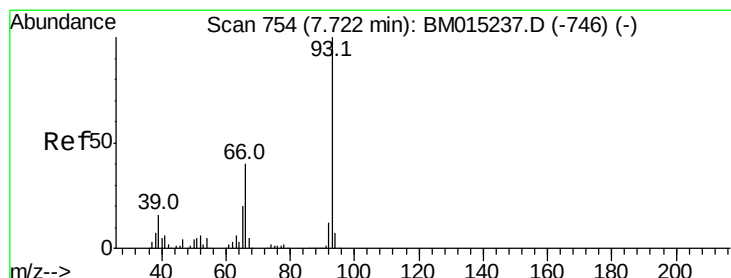
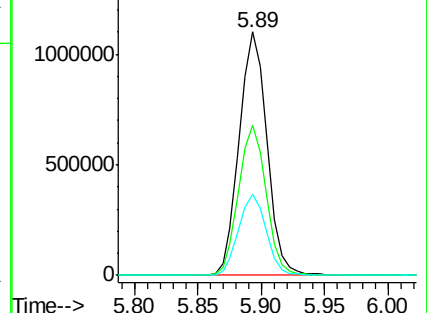
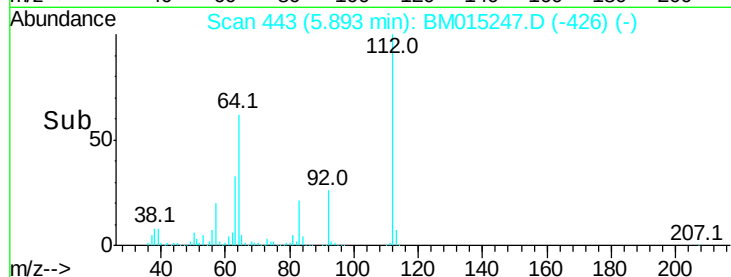
63 33.4 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 7.264 ng

RT: 7.72 min Scan# 754

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

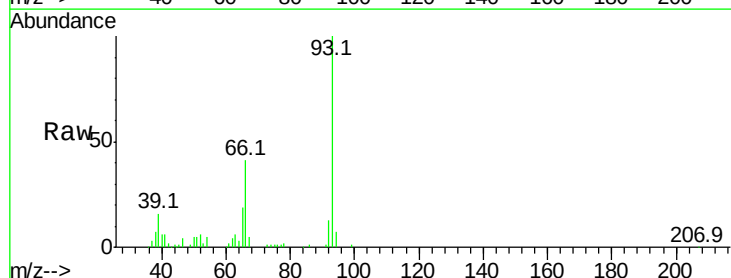
Tgt Ion: 93 Resp: 146679

Ion Ratio Lower Upper

93 100

66 41.2 30.8 46.2

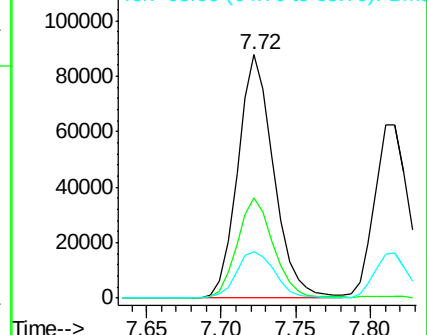
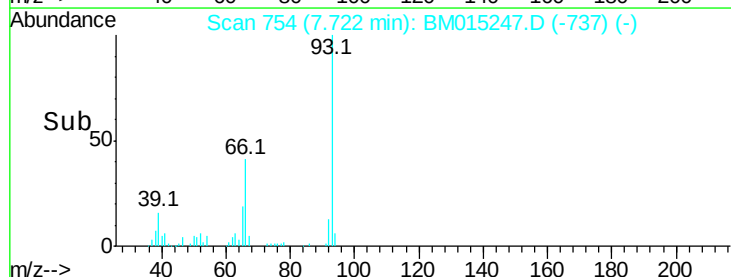
65 18.8 16.0 24.0

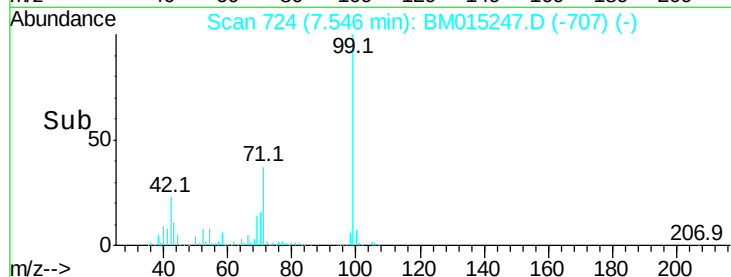
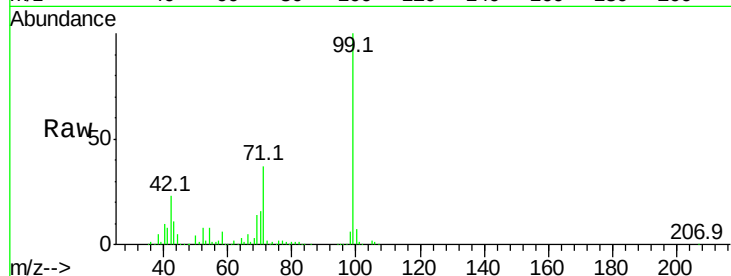
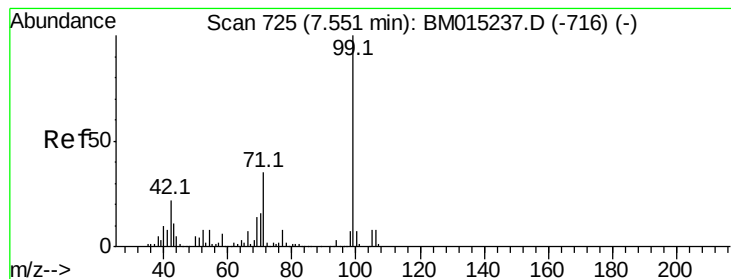


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 131.513 ng

RT: 7.55 min Scan# 724

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampleId :

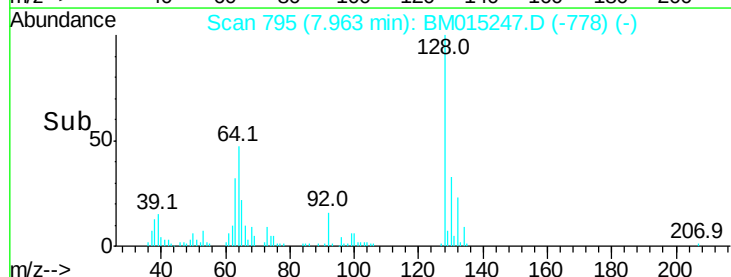
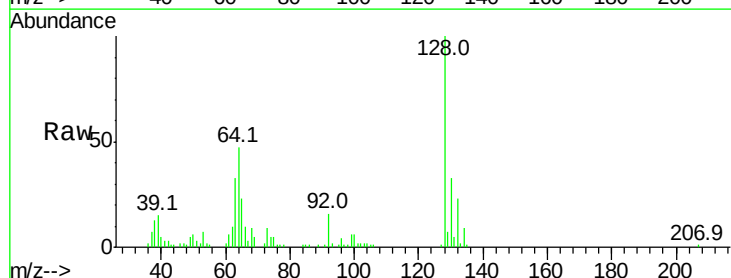
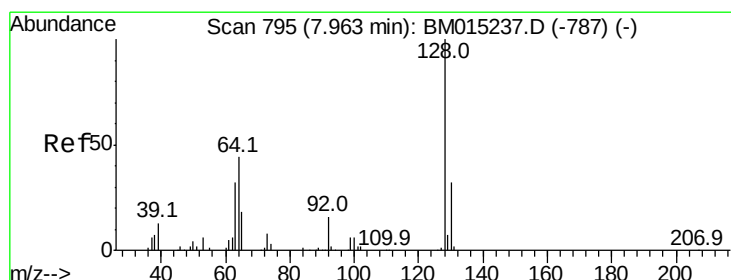
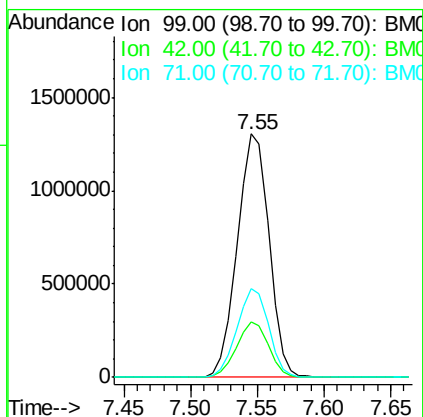
Tot Ion: 99 Resp: 2155391

Ion Ratio Lower Upper

99 100

42 22.7 11.0 16.4#

71 36.5 23.4 35.2#



#8

2-Chlorophenol

Concen: 7.320 ng

RT: 7.96 min Scan# 795

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

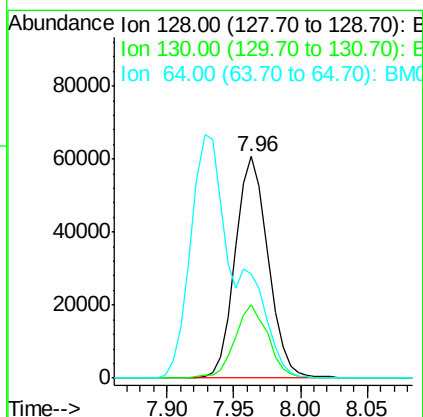
Tgt Ion: 128 Resp: 103975

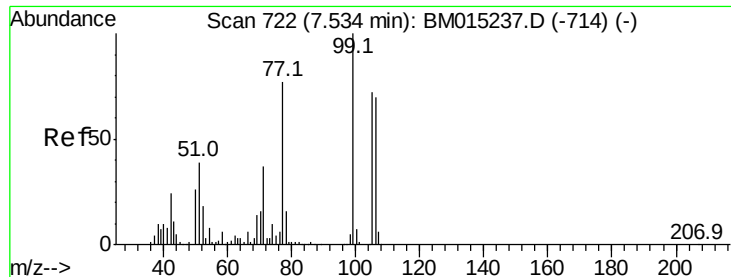
Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

64 46.9 24.9 64.9





#9

Benzaldehyde

Concen: 6.184 ng

RT: 7.53 min Scan# 722

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampleId :

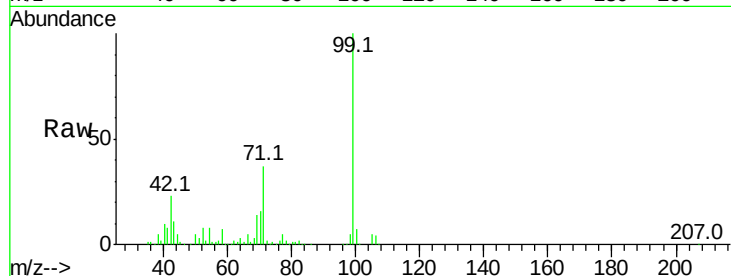
Tot Ion: 77 Resp: 64107

Ion Ratio Lower Upper

77 100

105 88.0 78.8 118.8

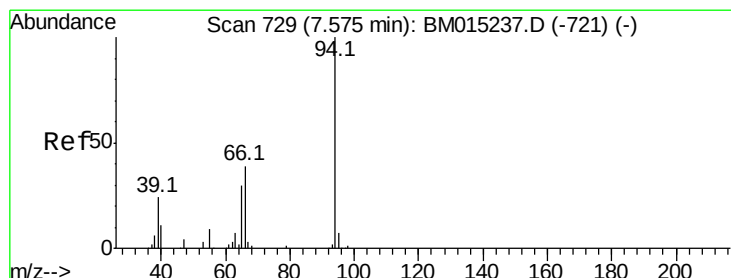
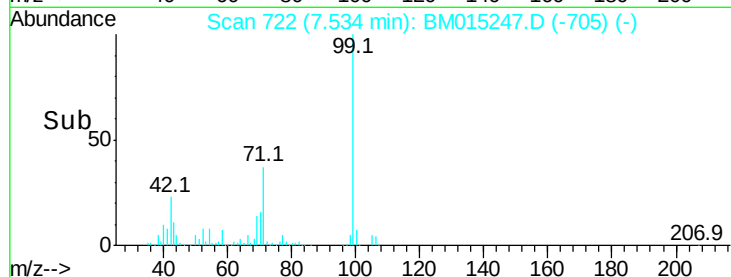
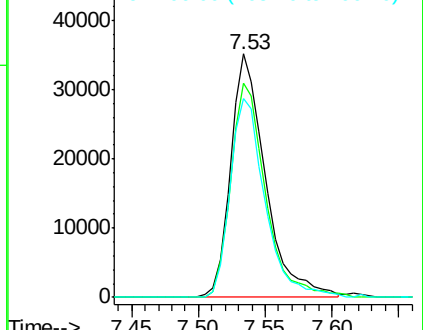
106 81.8 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM015237.D (-714) (-)

Ion 105.00 (104.70 to 105.70): BM015237.D (-714) (-)

Ion 106.00 (105.70 to 106.70): BM015237.D (-714) (-)



#10

Phenol

Concen: 7.346 ng

RT: 7.58 min Scan# 729

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

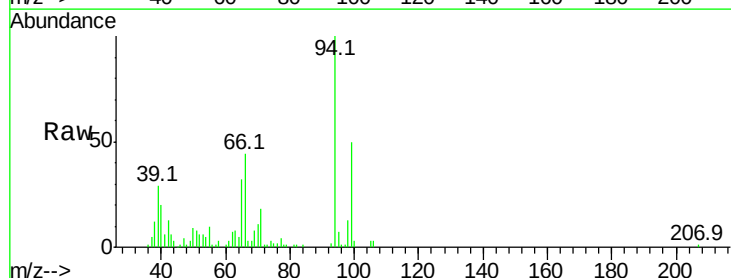
Tgt Ion: 94 Resp: 122264

Ion Ratio Lower Upper

94 100

65 31.6 18.8 58.8

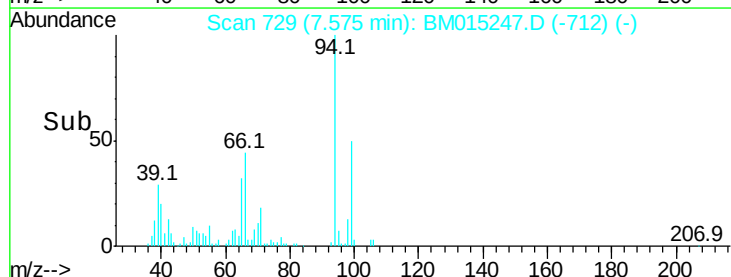
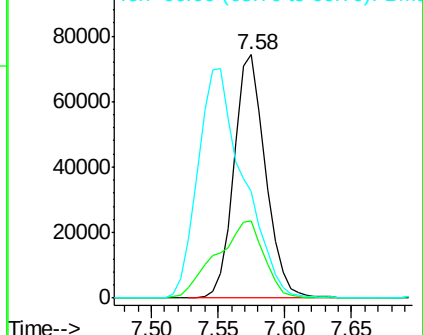
66 43.8 39.9 79.9

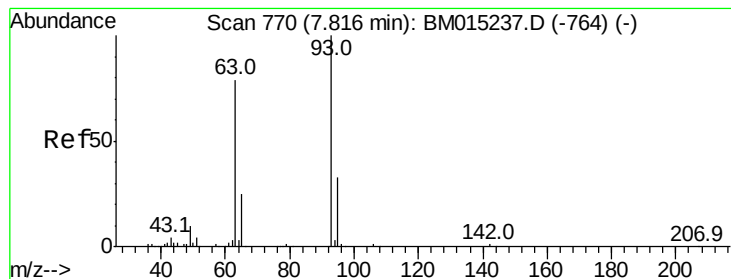


Abundance Ion 94.00 (93.70 to 94.70): BM015237.D (-721) (-)

Ion 65.00 (64.70 to 65.70): BM015237.D (-721) (-)

Ion 66.00 (65.70 to 66.70): BM015237.D (-721) (-)





#11

bis(2-Chloroethyl)ether

Concen: 7.393 ng

RT: 7.81 min Scan# 769

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampleId :

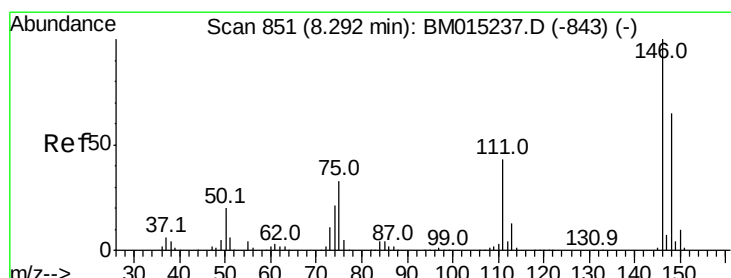
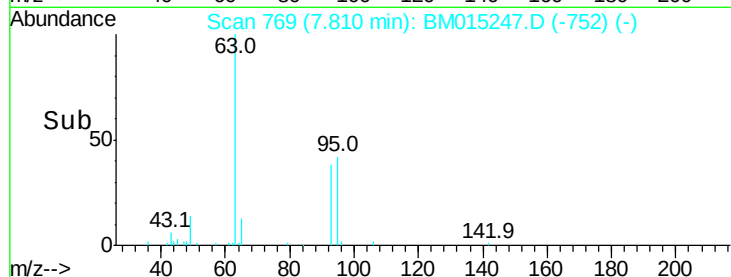
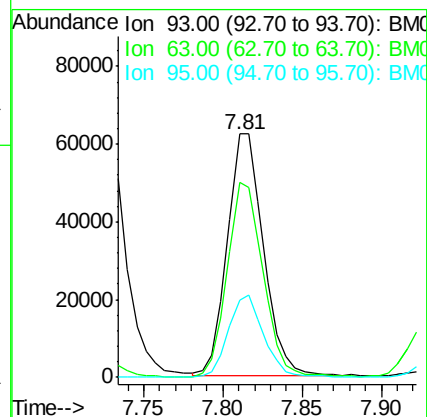
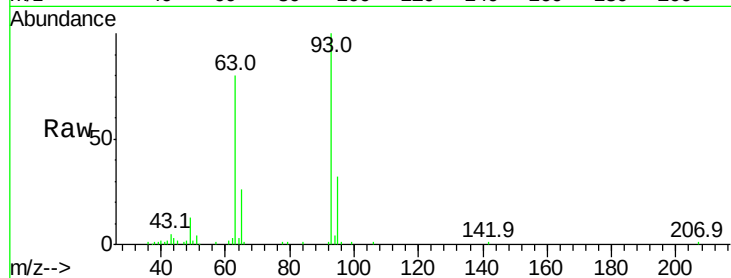
Tot Ion: 93 Resp: 97594

Ion Ratio Lower Upper

93 100

63 80.1 49.5 89.5

95 31.5 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 7.852 ng

RT: 8.29 min Scan# 851

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

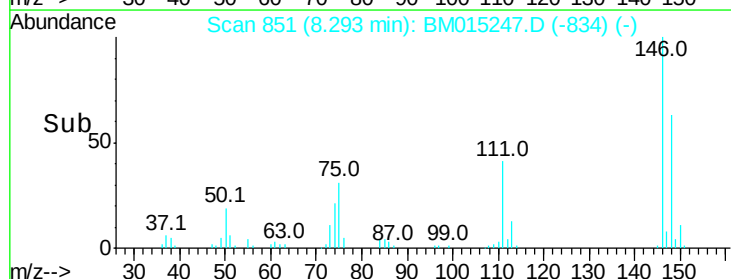
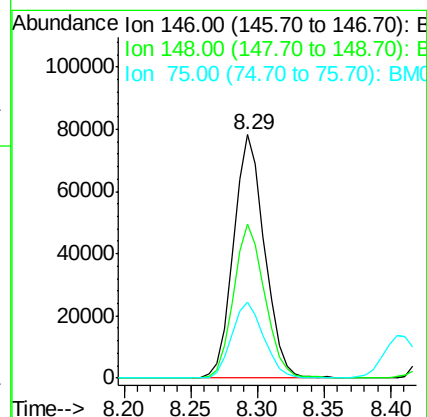
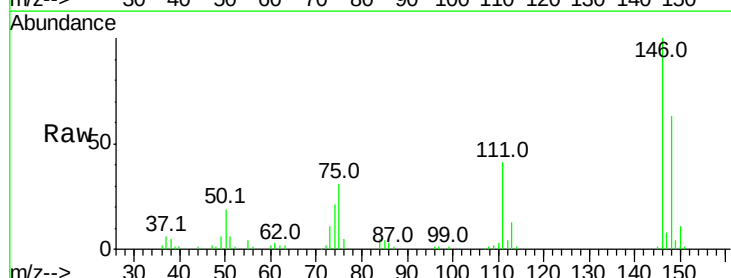
Tgt Ion: 146 Resp: 127158

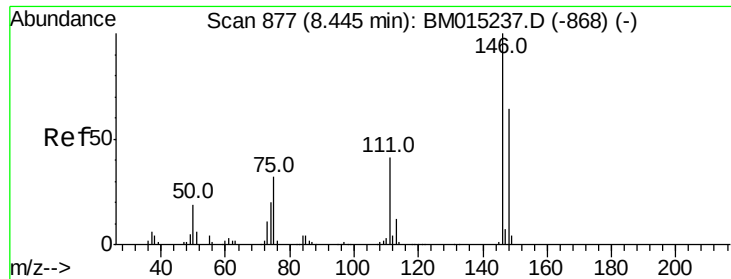
Ion Ratio Lower Upper

146 100

148 63.3 50.9 76.3

75 31.1 21.4 32.2

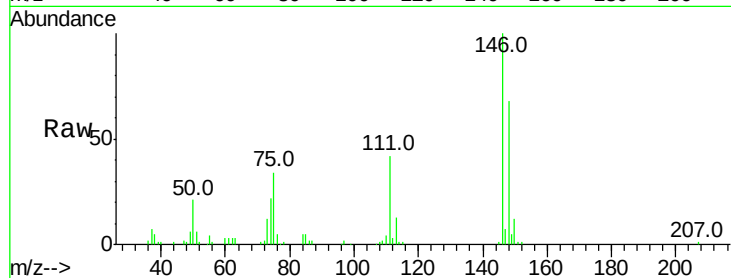




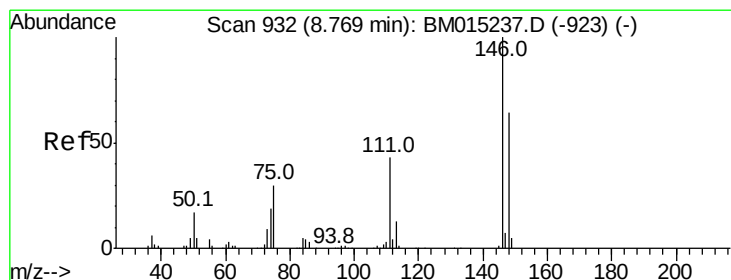
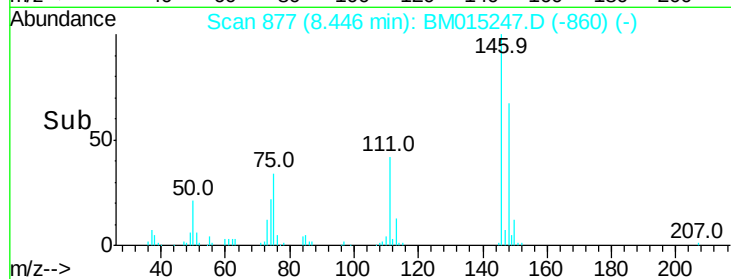
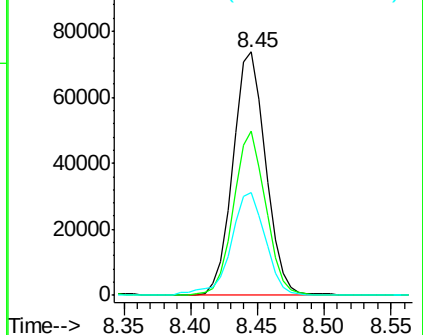
#13
1,4-Dichlorobenzene
Concen: 7.685 ng
RT: 8.45 min Scan# 877
Delta R.T. 0.00 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Instrument :
BNA_M
ClientSampled :

Tot Ion:146 Resp: 125840
Ion Ratio Lower Upper
146 100
148 67.5 51.9 77.9
111 42.1 29.2 43.8

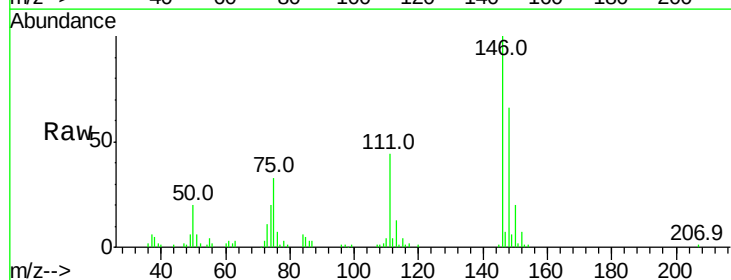


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

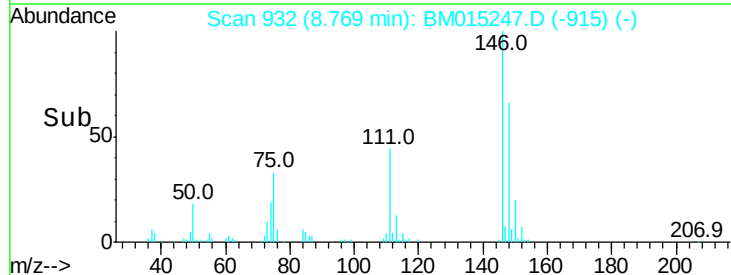
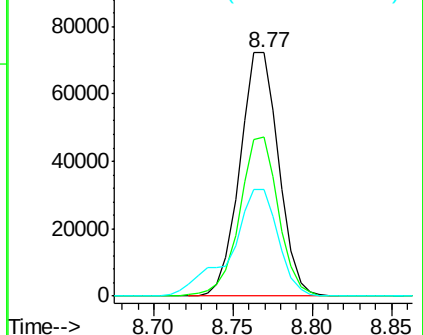


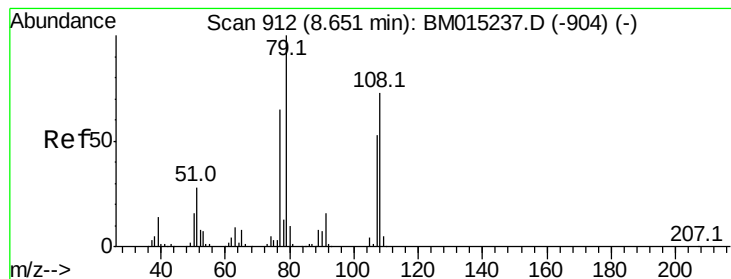
#14
1,2-Dichlorobenzene
Concen: 7.872 ng
RT: 8.77 min Scan# 932
Delta R.T. 0.00 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Tgt Ion:146 Resp: 122339
Ion Ratio Lower Upper
146 100
148 65.6 52.3 78.5
111 44.0 30.6 45.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 7.112 ng

RT: 8.65 min Scan# 912

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampleId :

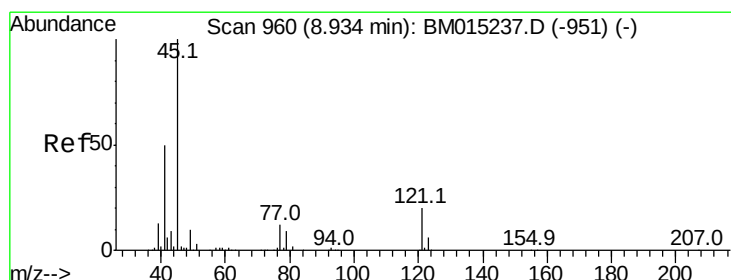
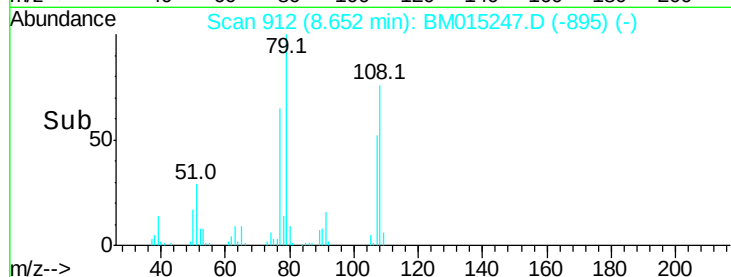
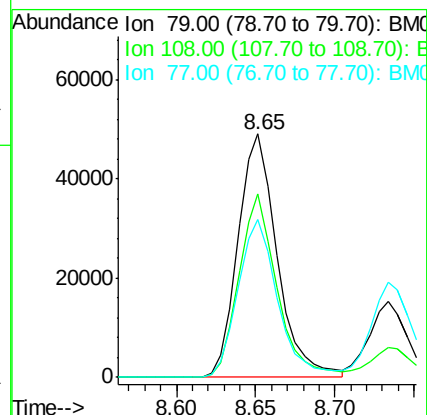
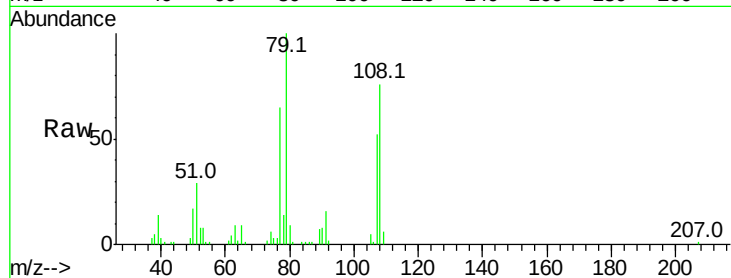
Tot Ion: 79 Resp: 84288

Ion Ratio Lower Upper

79 100

108 75.5 65.0 97.4

77 64.7 53.0 79.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.640 ng

RT: 8.93 min Scan# 960

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

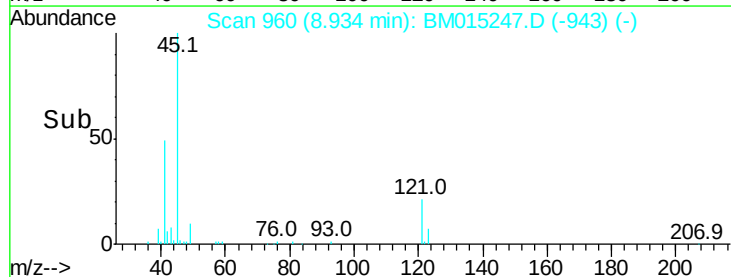
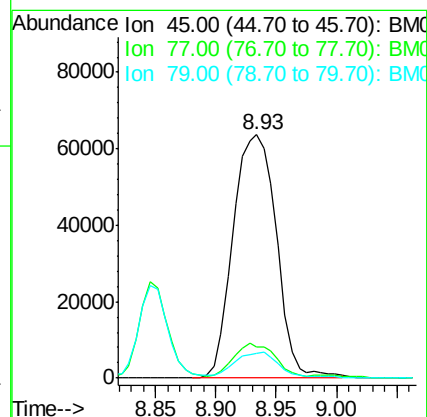
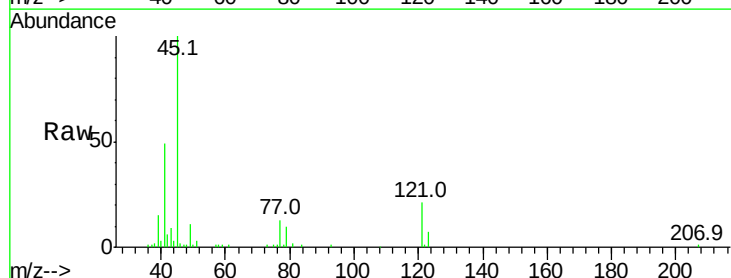
Tgt Ion: 45 Resp: 159116

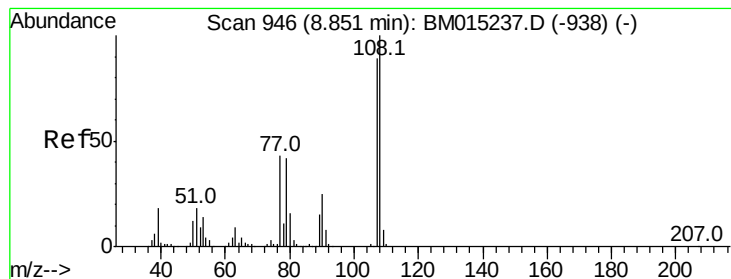
Ion Ratio Lower Upper

45 100

77 12.9 0.0 35.2

79 10.1 0.0 32.0

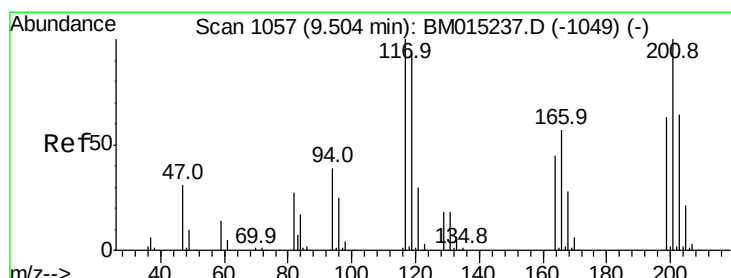
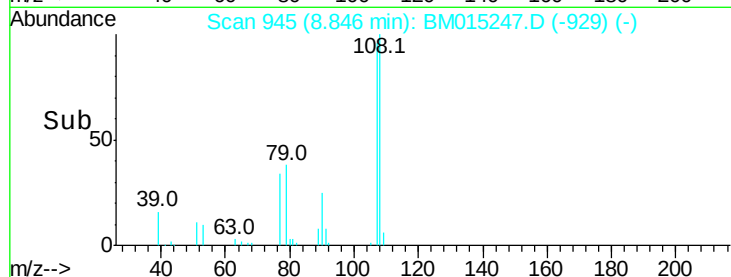
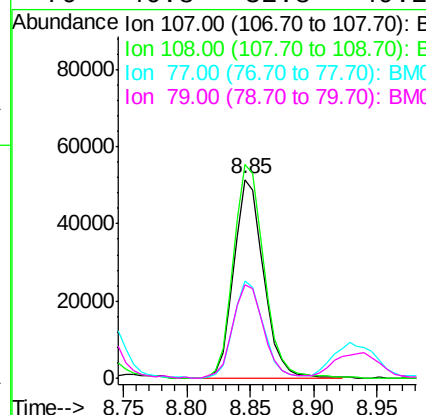
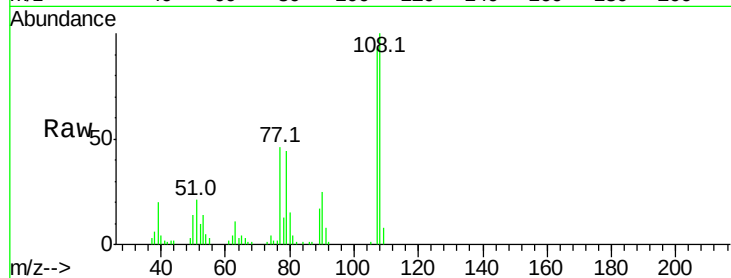




#17
2-Methylphenol
Concen: 7.580 ng
RT: 8.85 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

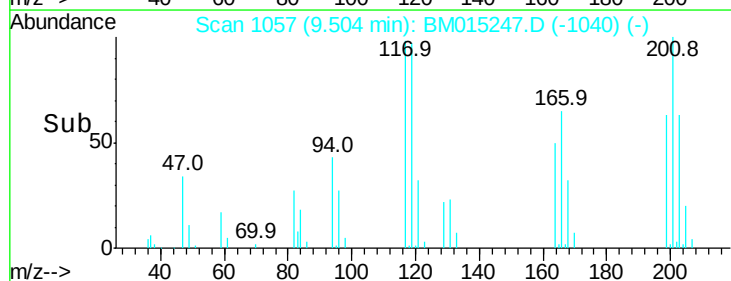
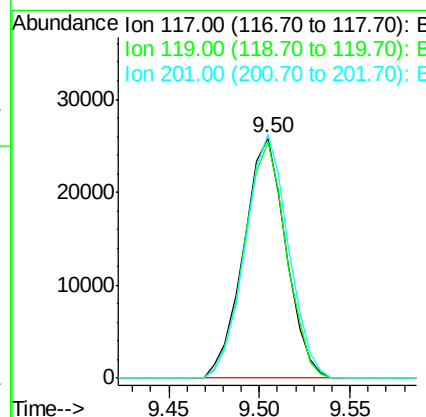
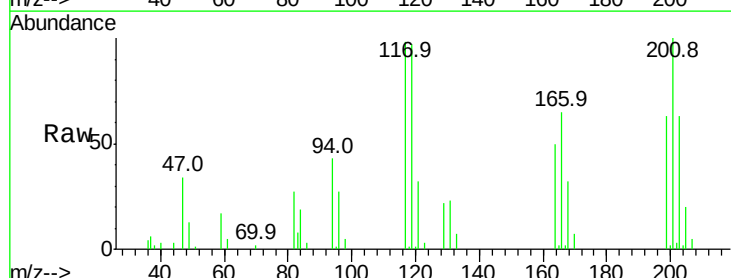
Instrument :
BNA_M
ClientSampled :

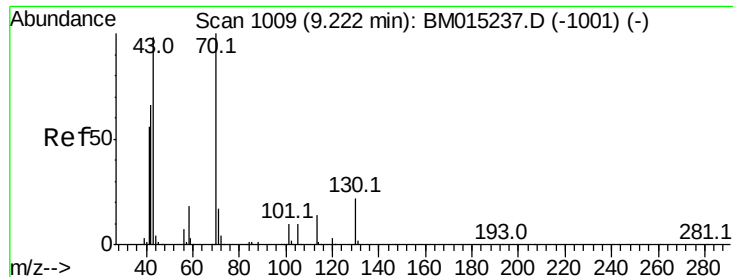
Tot Ion	Ratio	Lower	Upper
107	100		
108	107.5	89.8	134.8
77	49.3	32.6	48.8
79	46.8	32.8	49.2



#18
Hexachloroethane
Concen: 7.200 ng
RT: 9.50 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	79.2	118.8
201	101.6	69.8	104.6

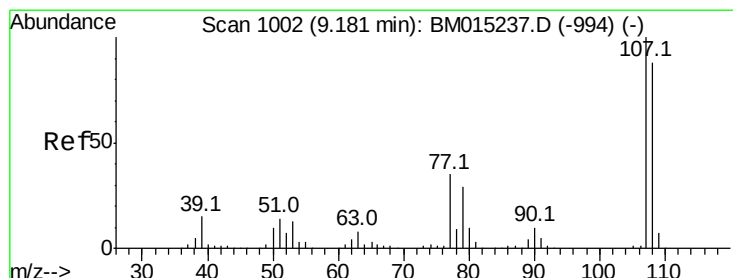
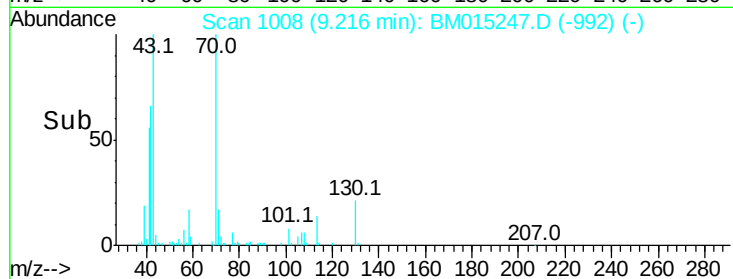
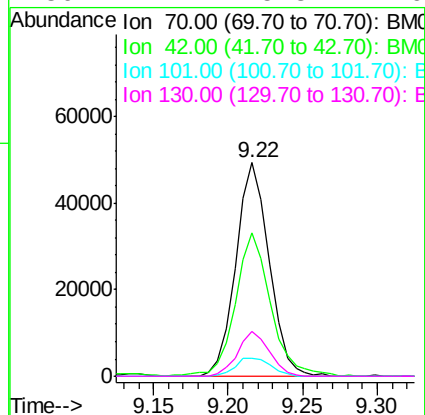
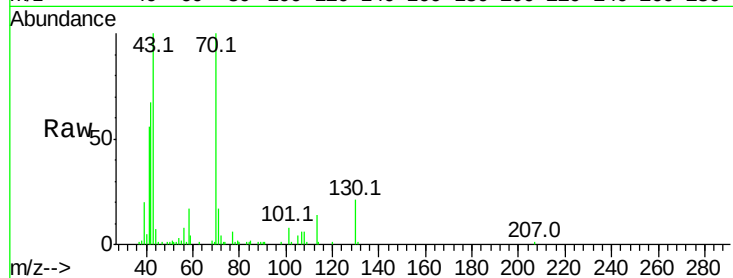




#19
n-Nitroso-di-n-propylamine
Concen: 7.341 ng
RT: 9.22 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

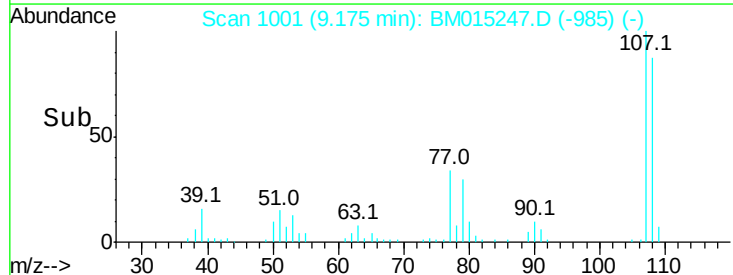
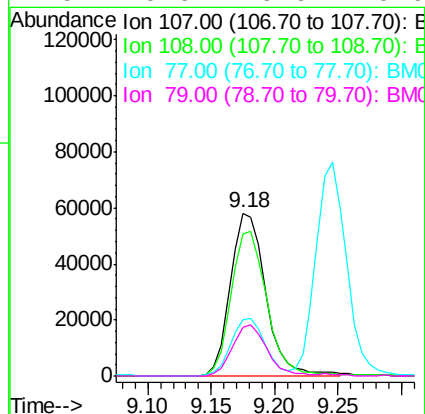
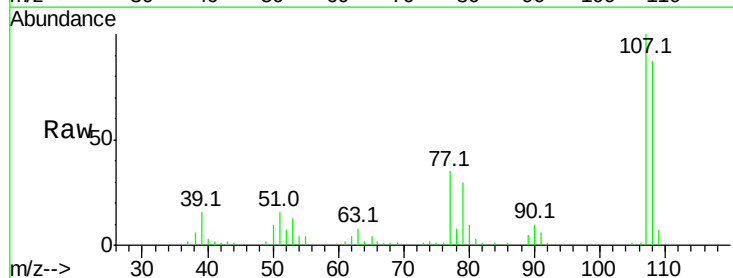
Instrument :
BNA_M
ClientSampleId :

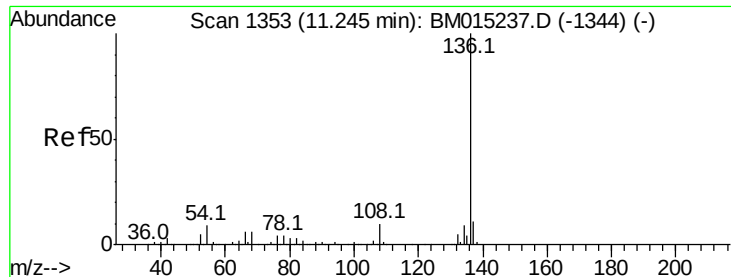
Tot Ion: 70 Resp: 76679
Ion Ratio Lower Upper
70 100
42 66.9 44.5 66.7#
101 8.2 7.4 11.2
130 21.2 15.3 22.9



#20
3+4-Methylphenols
Concen: 7.658 ng
RT: 9.18 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Tgt Ion:107 Resp: 112507
Ion Ratio Lower Upper
107 100
108 87.0 73.2 113.2
77 34.8 10.7 50.7
79 29.6 9.6 49.6

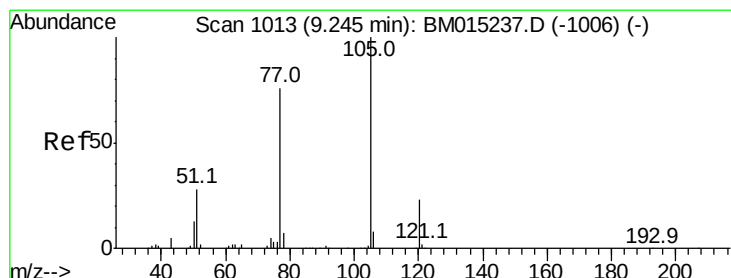
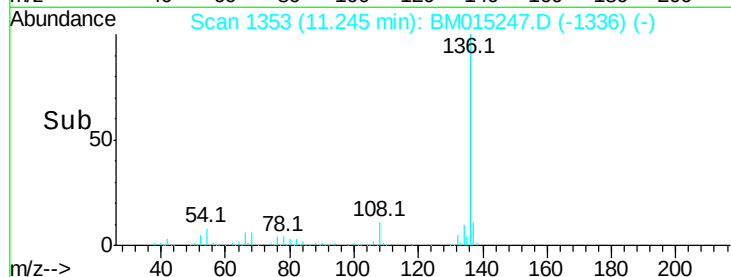
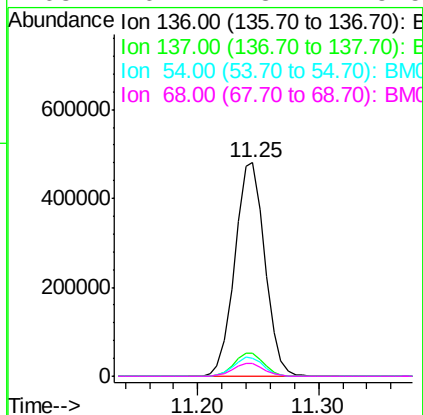
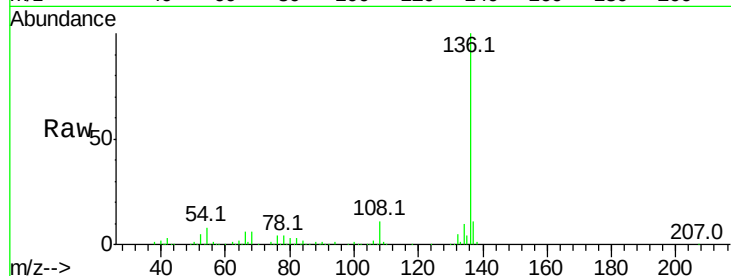




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.25 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

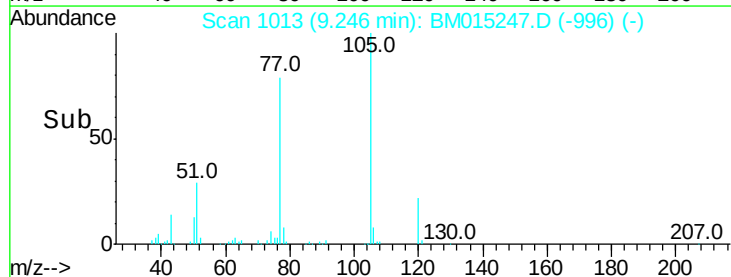
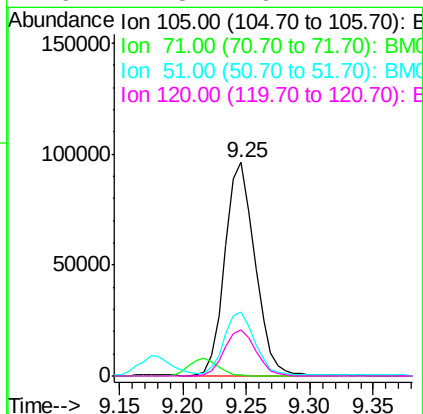
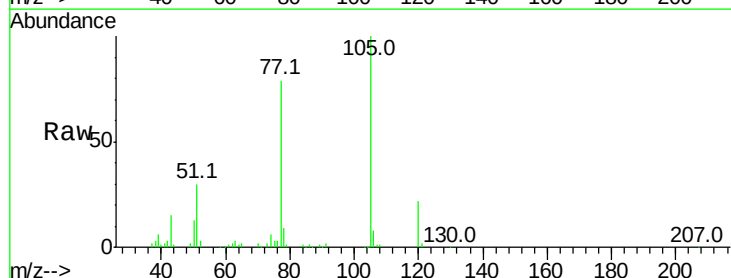
Instrument :
BNA_M
ClientSampleId :

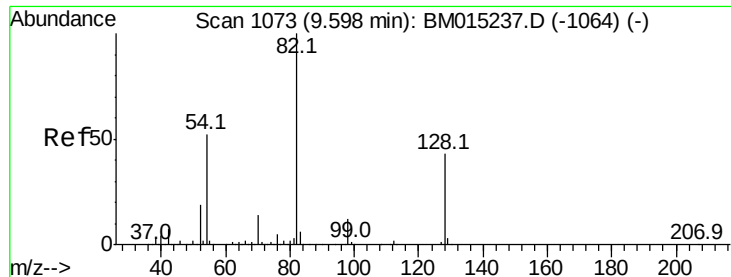
Tot Ion:136	Resp:	833291
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	8.4	4.6 6.8#
68	6.2	3.7 5.5#



#22
Acetophenone
Concen: 7.983 ng
RT: 9.25 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Tgt Ion:105	Resp:	159569
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.6 1.0#
51	29.7	21.6 32.4
120	21.8	16.1 24.1



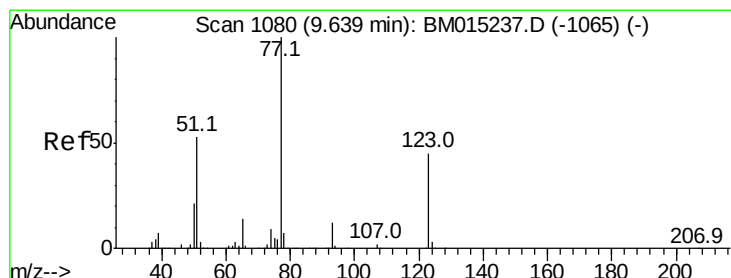
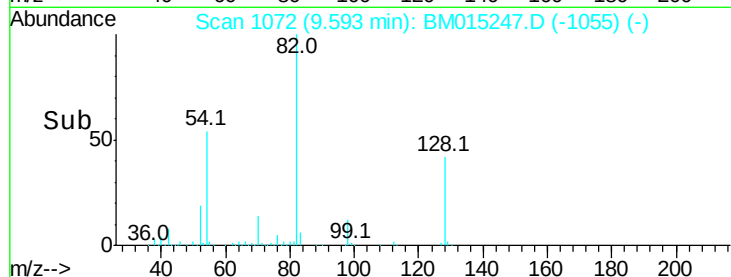
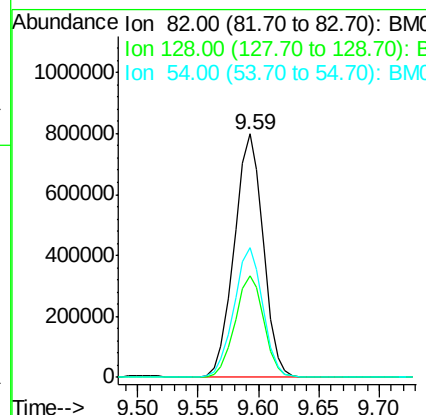
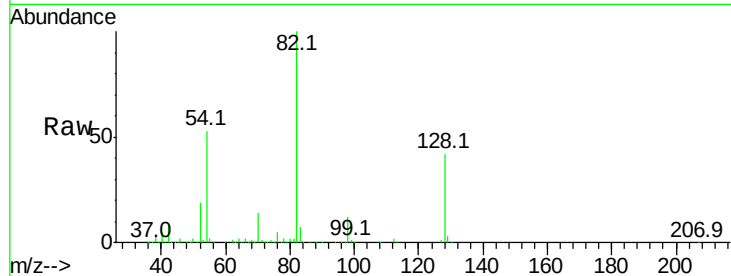


#23
 Nitrobenzene-d5
 Concen: 87.688 ng
 RT: 9.59 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BM015247.D
 Acq: 22 May 2018 19:22

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1333870

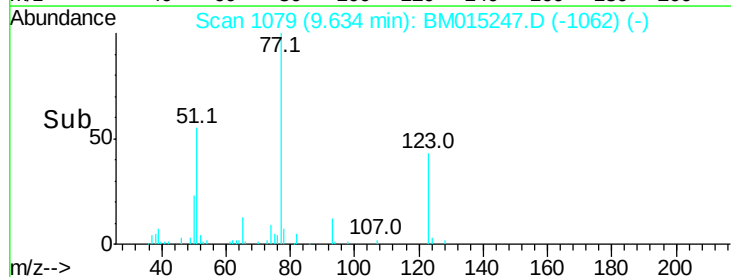
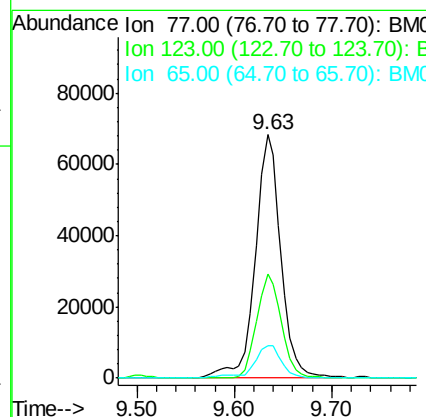
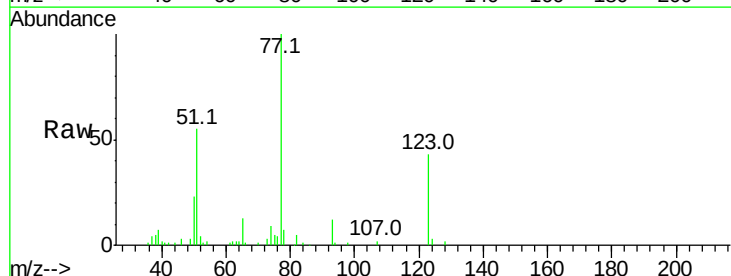
Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.8	49.2
54	53.2	40.6	60.8

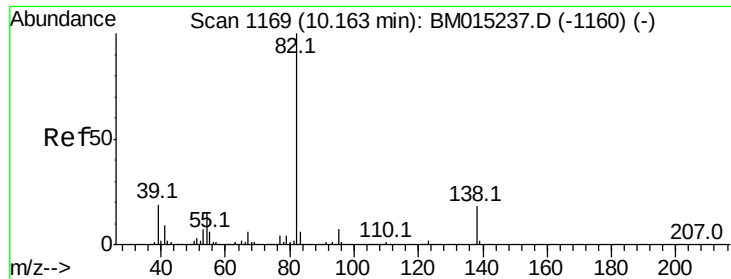


#24
 Nitrobenzene
 Concen: 7.978 ng
 RT: 9.63 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BM015247.D
 Acq: 22 May 2018 19:22

Tgt Ion: 77 Resp: 126356

Ion	Ratio	Lower	Upper
77	100		
123	43.0	32.6	49.0
65	13.3	10.9	16.3





#25

Isophorone

Concen: 6.720 ng

RT: 10.16 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampleId :

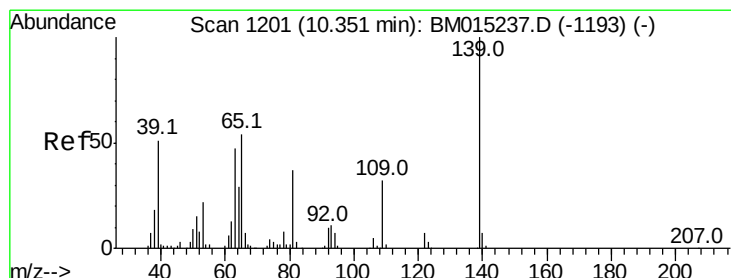
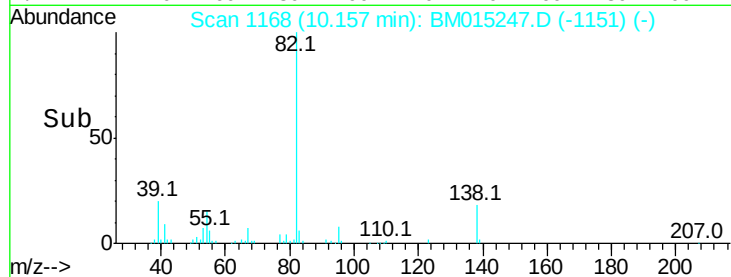
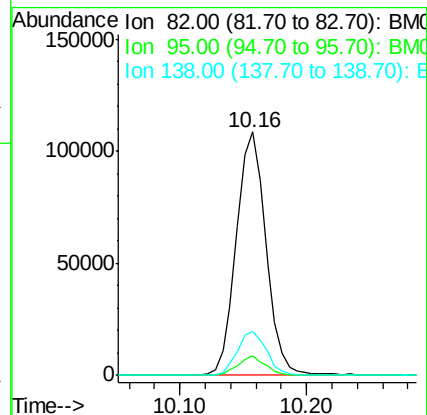
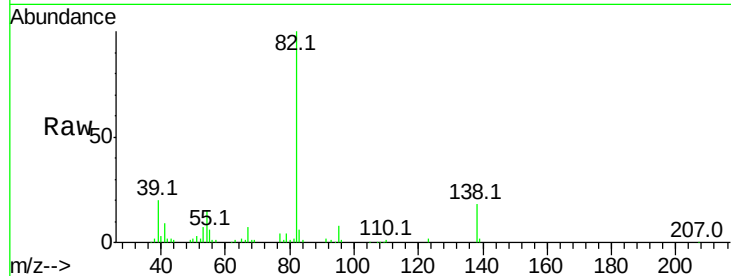
Tot Ion: 82 Resp: 175582

Ion Ratio Lower Upper

82 100

95 7.8 5.8 8.6

138 17.8 16.3 24.5



#26

2-Nitrophenol

Concen: 5.935 ng

RT: 10.35 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

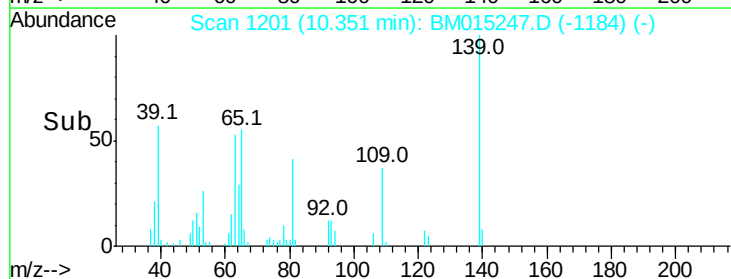
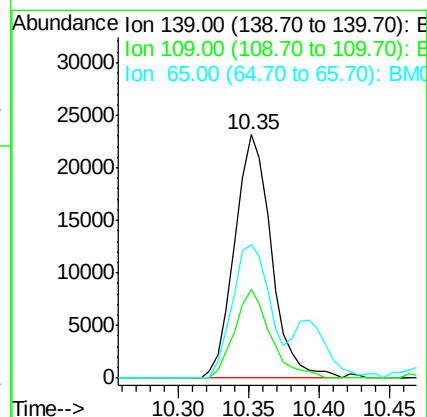
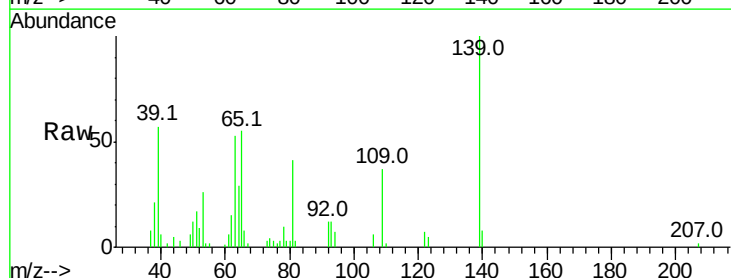
Tgt Ion: 139 Resp: 42178

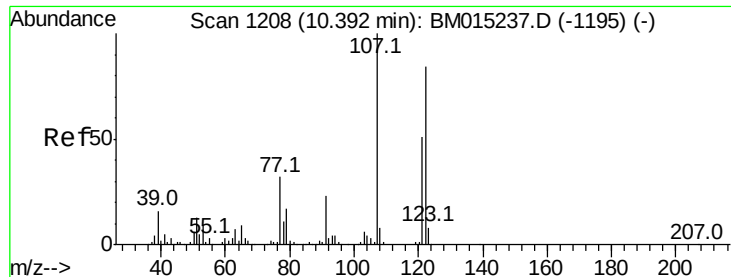
Ion Ratio Lower Upper

139 100

109 36.6 20.1 30.1#

65 55.0 31.5 47.3#

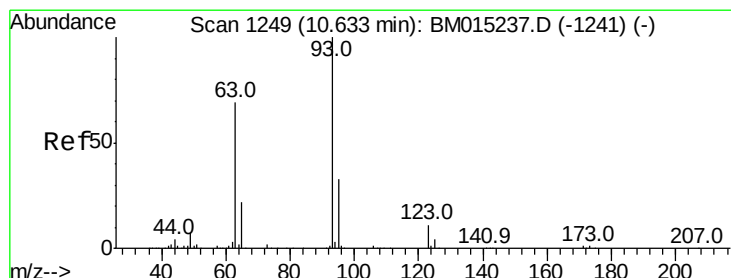
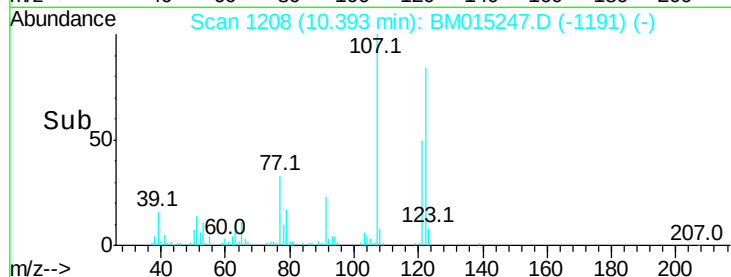
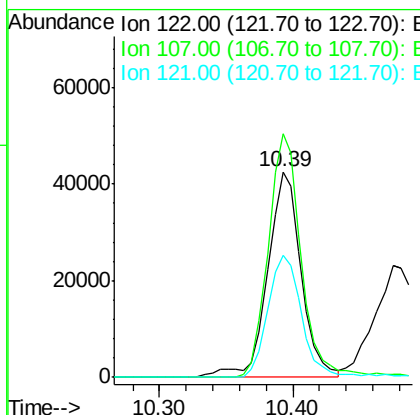
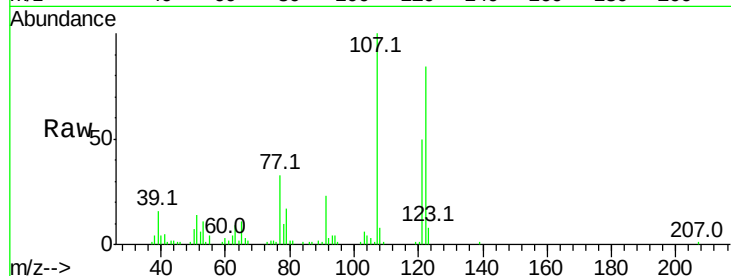




#27
 2,4-Dimethylphenol
 Concen: 5.768 ng
 RT: 10.39 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BM015247.D
 Acq: 22 May 2018 19:22

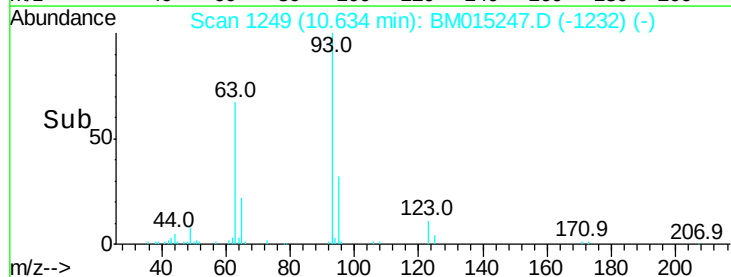
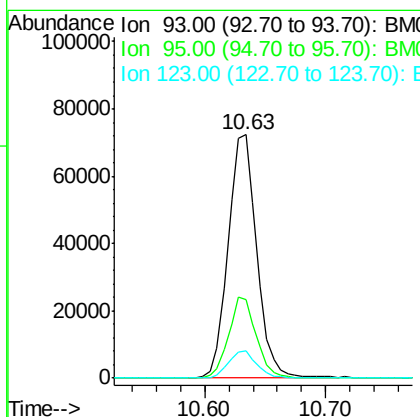
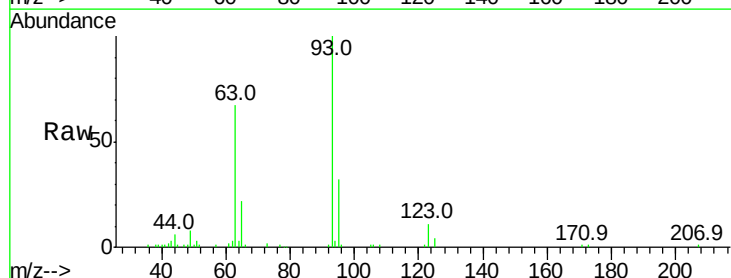
Instrument :
 BNA_M
 ClientSampled :

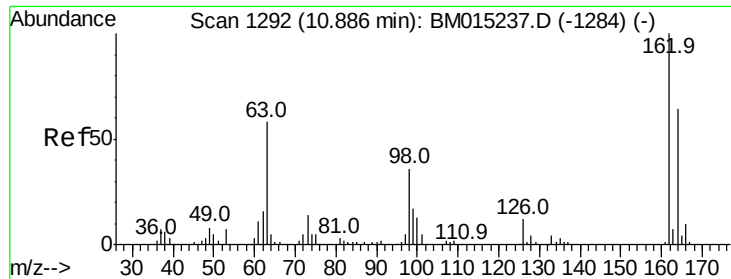
Tot Ion:122 Resp: 74337
 Ion Ratio Lower Upper
 122 100
 107 118.6 84.7 127.1
 121 59.5 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 6.979 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BM015247.D
 Acq: 22 May 2018 19:22

Tgt Ion: 93 Resp: 119403
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.5 38.3
 123 11.4 8.6 13.0

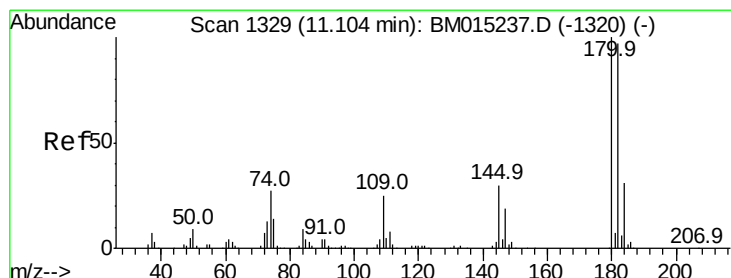
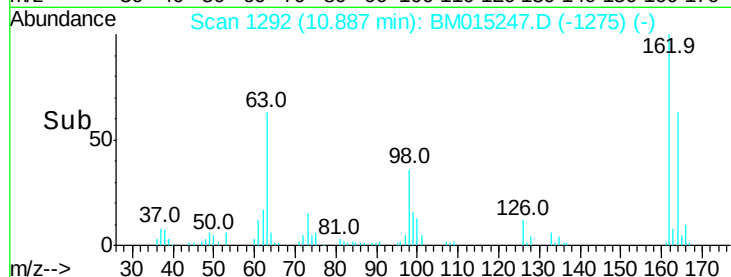
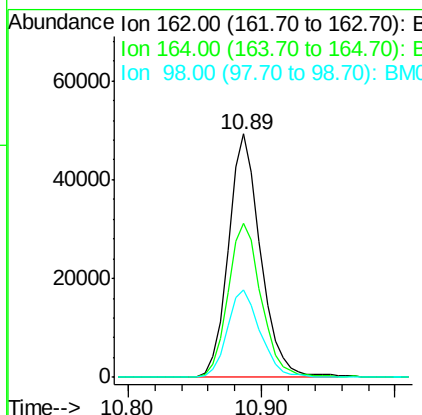
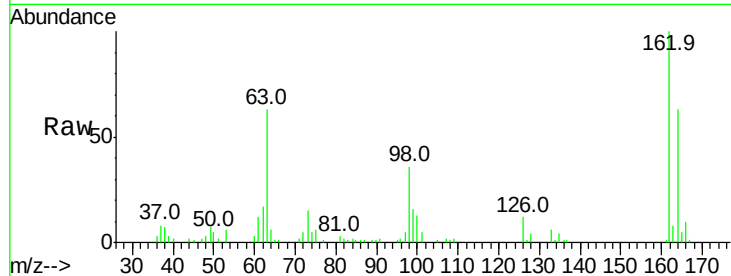




#29
 2,4-Dichlorophenol
 Concen: 6.779 ng
 RT: 10.89 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BM015247.D
 Acq: 22 May 2018 19:22

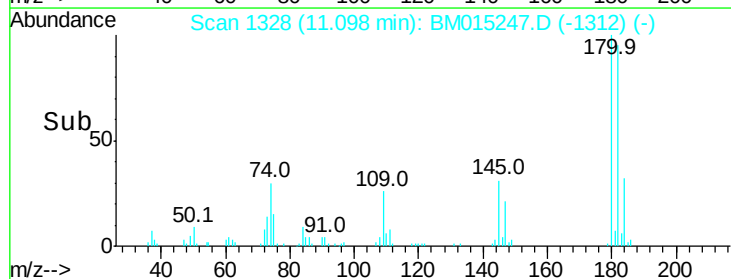
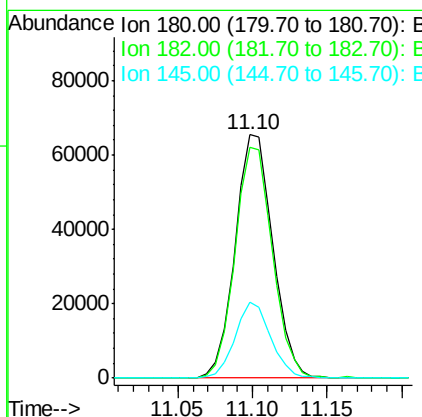
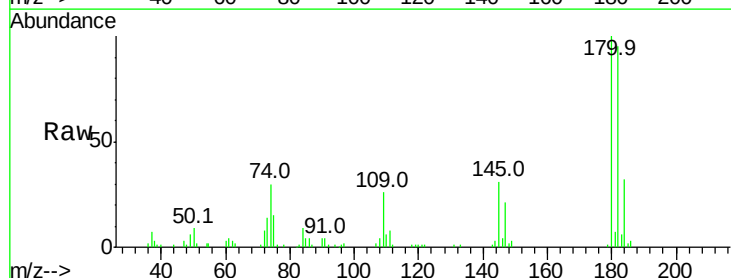
Instrument :
 BNA_M
 ClientSampleId :

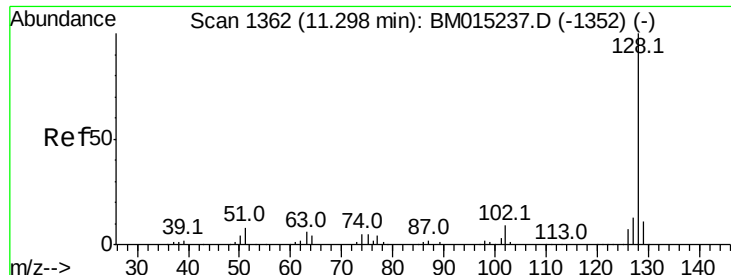
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.8	82.8
98	36.2	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 7.973 ng
 RT: 11.10 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BM015247.D
 Acq: 22 May 2018 19:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.6	116.4
145	31.4	23.4	35.2

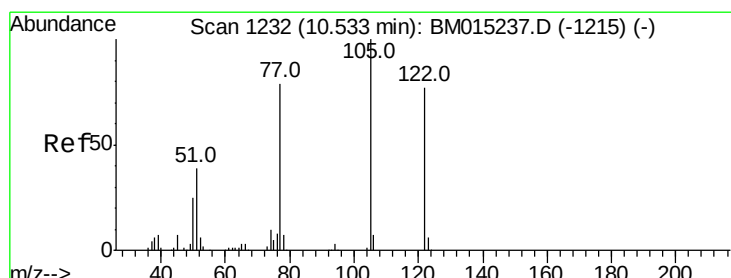
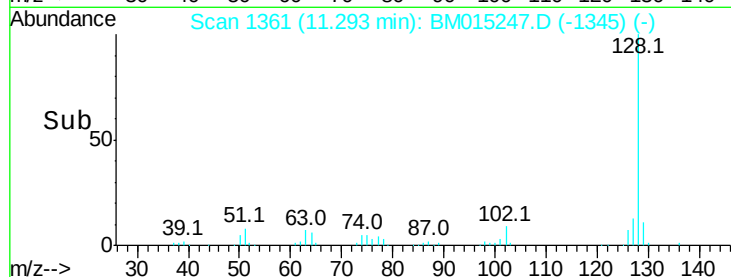
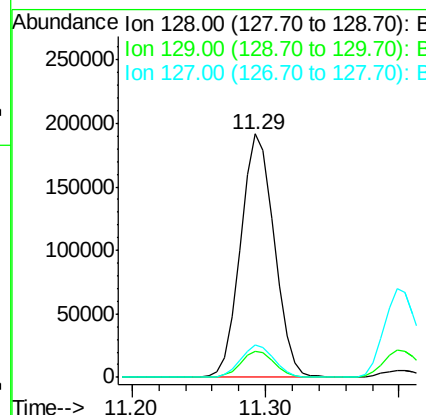
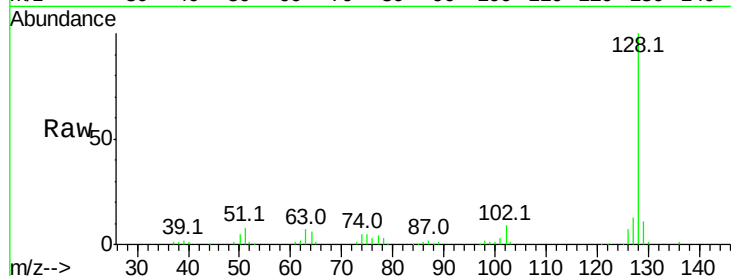




#31
Naphthalene
Concen: 7.725 ng
RT: 11.29 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

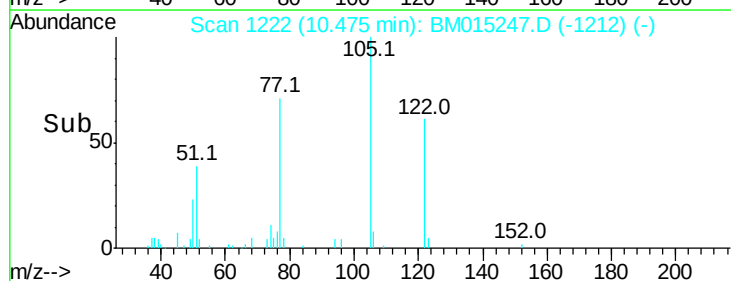
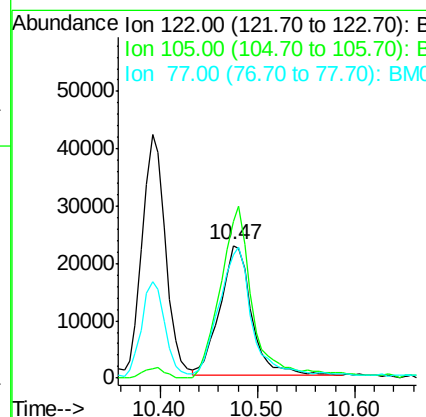
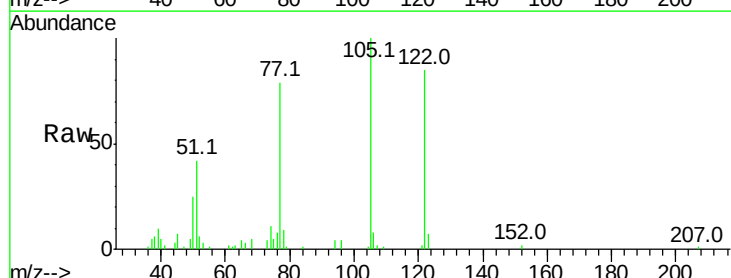
Instrument :
BNA_M
ClientSampleId :

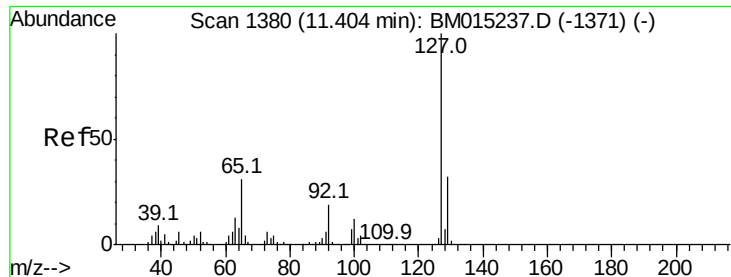
Tot Ion:128 Resp: 334579
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 6.735 ng
RT: 10.47 min Scan# 1222
Delta R.T. -0.04 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Tgt Ion:122 Resp: 50215
Ion Ratio Lower Upper
122 100
105 118.1 99.9 139.9
77 93.3 73.7 113.7

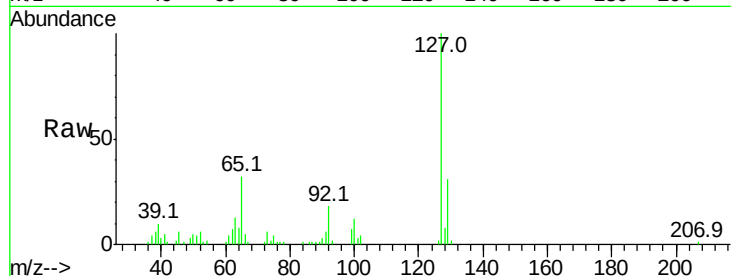




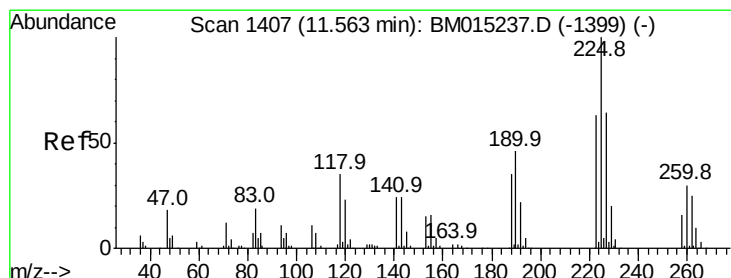
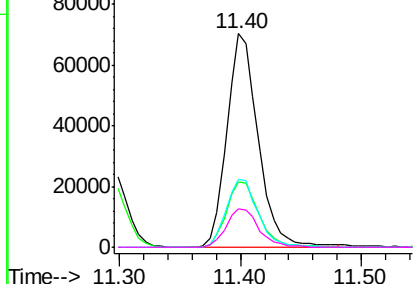
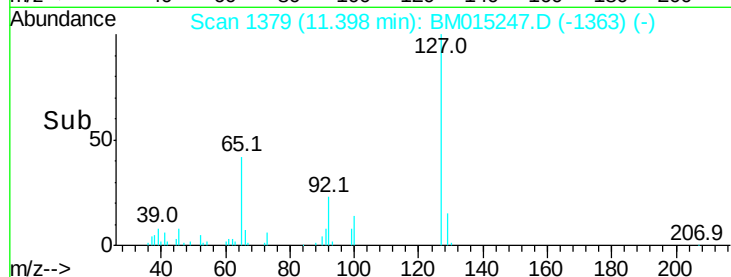
#33
4-Chloroaniline
Concen: 7.337 ng
RT: 11.40 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	126815
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.3	37.9
65	31.9	17.6	26.4
92	17.8	13.1	19.7

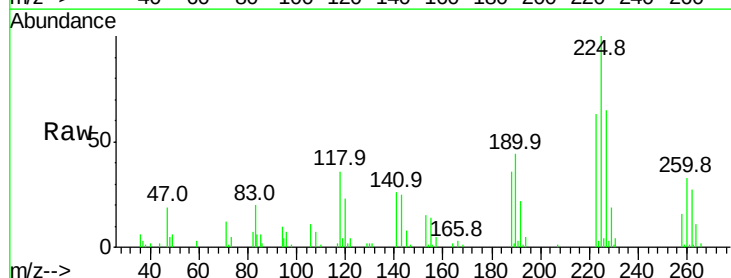


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

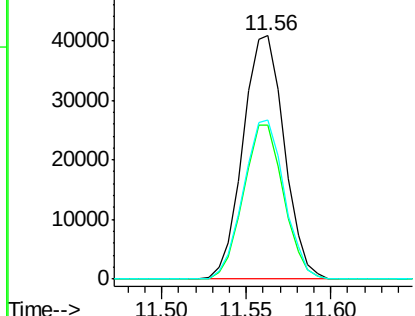
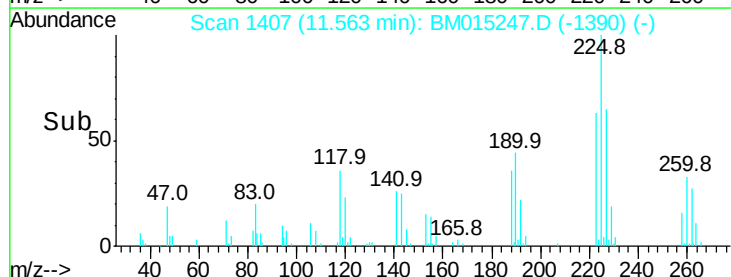


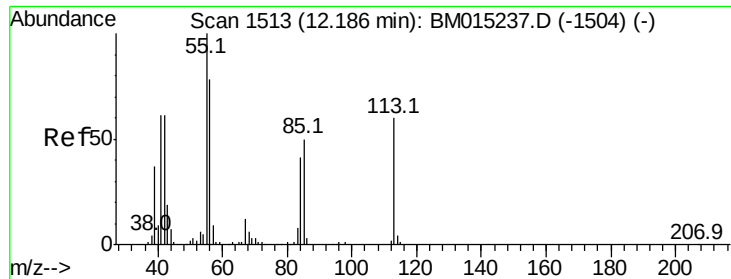
#34
Hexachlorobutadiene
Concen: 8.114 ng
RT: 11.56 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Tgt Ion:	225	Resp:	69383
Ion	Ratio	Lower	Upper
225	100		
223	63.5	47.9	71.9
227	65.4	50.1	75.1



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

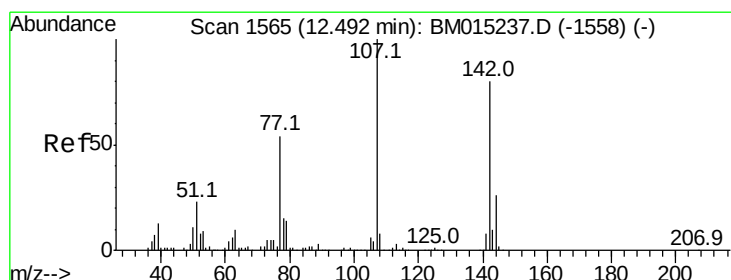
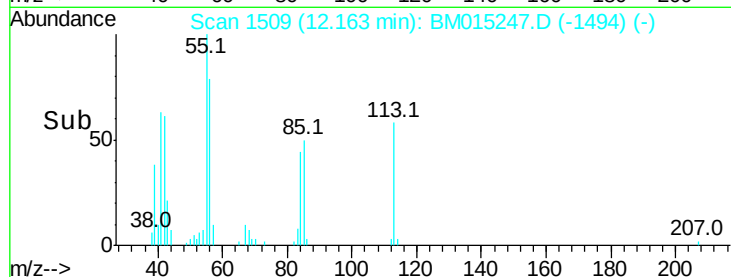
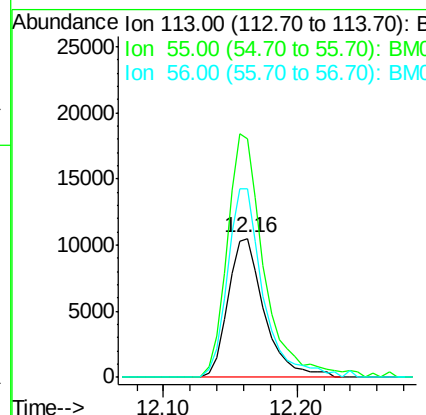
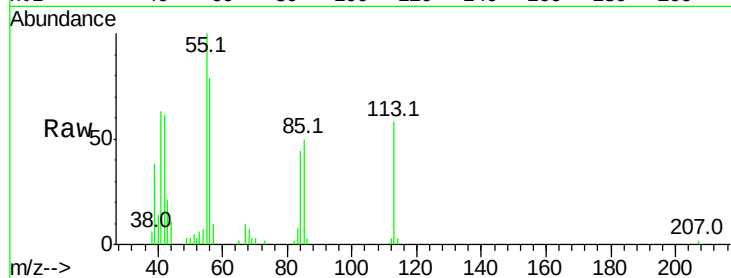




#35
 Caprolactam
 Concen: 5.805 ng
 RT: 12.16 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BM015247.D
 Acq: 22 May 2018 19:22

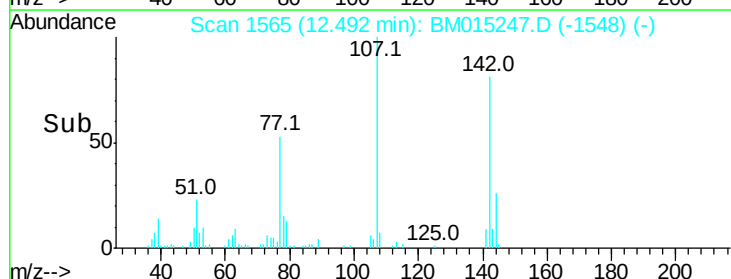
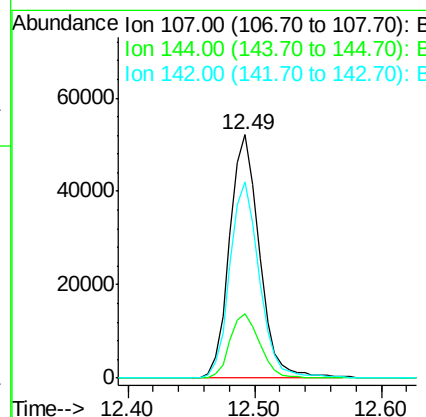
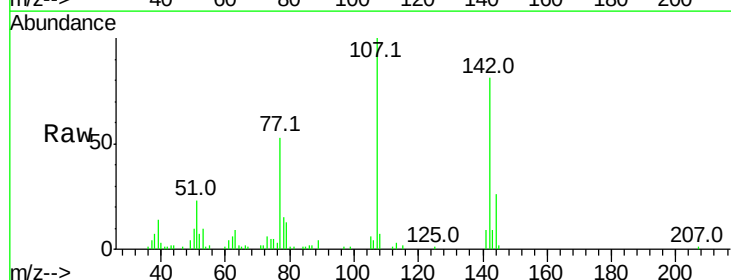
Instrument :
 BNA_M
 ClientSampleId :

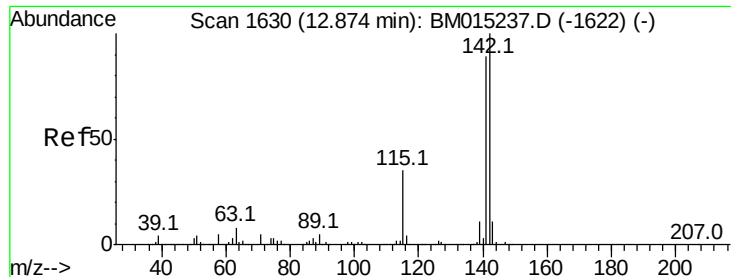
Tot Ion:113 Resp: 20051
 Ion Ratio Lower Upper
 113 100
 55 171.5 145.9 185.9
 56 135.3 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 6.817 ng
 RT: 12.49 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BM015247.D
 Acq: 22 May 2018 19:22

Tgt Ion:107 Resp: 84997
 Ion Ratio Lower Upper
 107 100
 144 26.5 23.3 34.9
 142 80.6 72.6 109.0

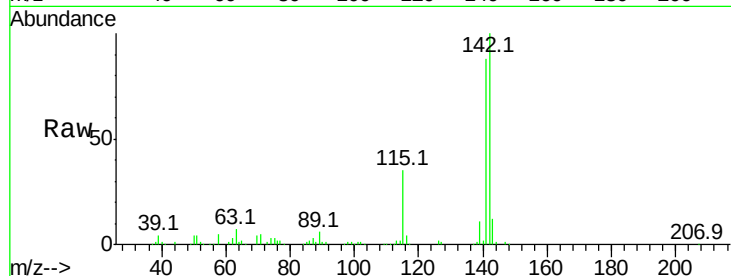




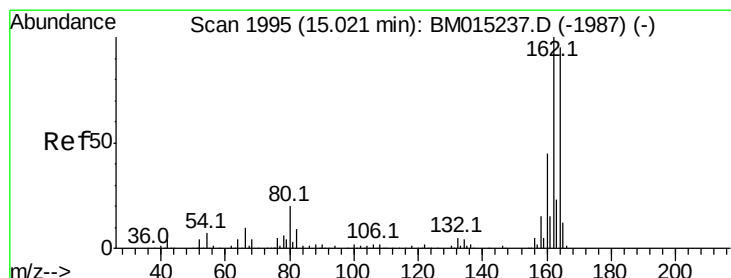
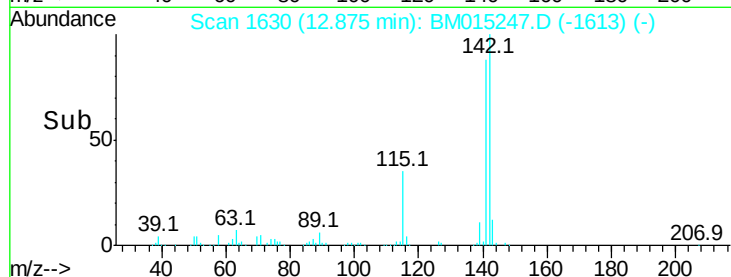
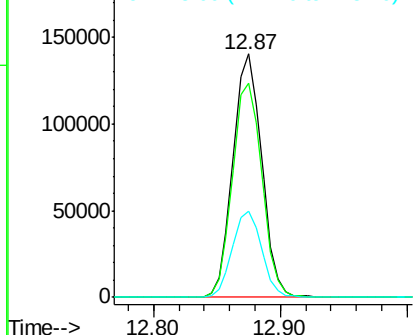
#37
2-Methylnaphthalene
Concen: 7.374 ng
RT: 12.87 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.9	107.9
115	35.4	25.4	38.0

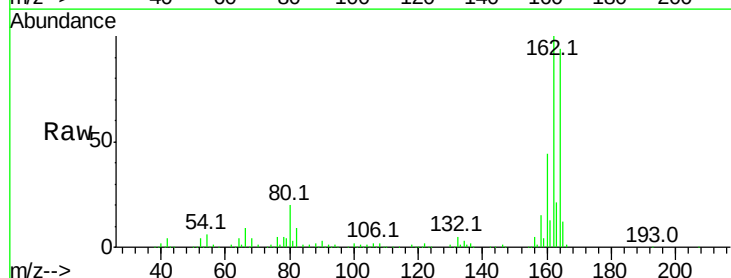


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

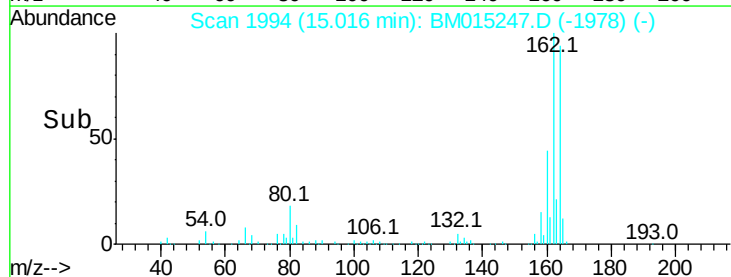
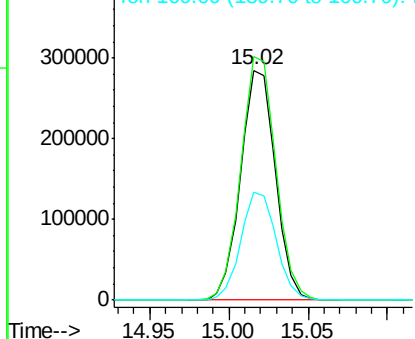


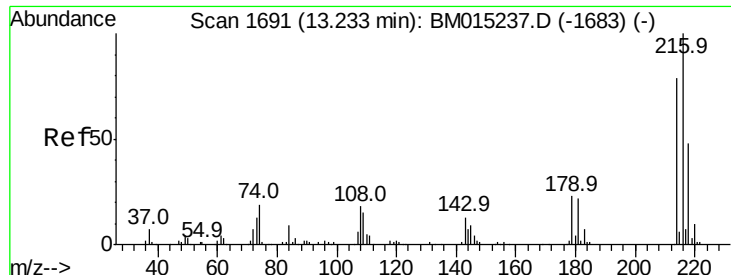
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.02 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.4	123.6
160	47.1	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: 7.691 ng

RT: 13.23 min Scan# 1691

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampleId :

Tot Ion:216 Resp: 117282

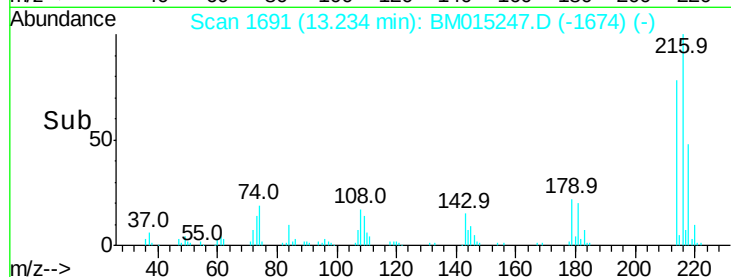
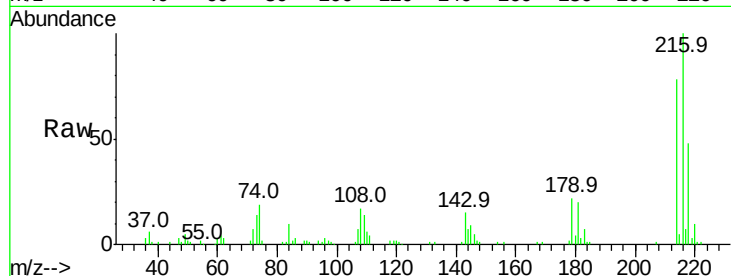
Ion Ratio Lower Upper

216 100

214 78.9 0.0 0.0#

179 22.0 0.0 0.0#

108 18.4 0.0 0.0#

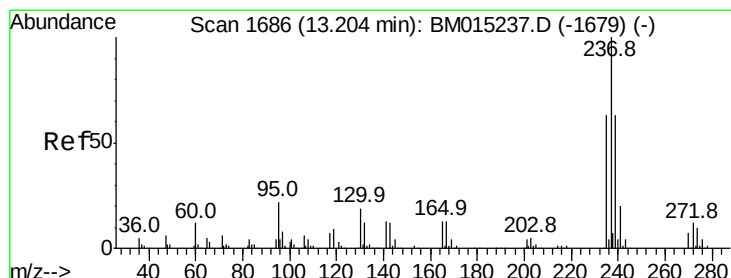
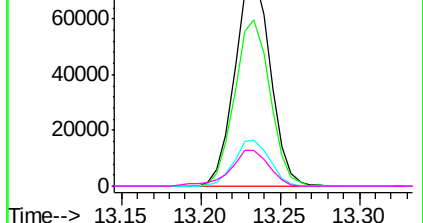


Abundance Ion 216.00 (215.70 to 216.70): E

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: 8.979 ng

RT: 13.20 min Scan# 1686

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

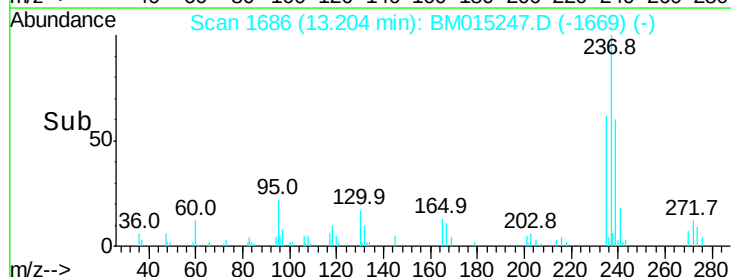
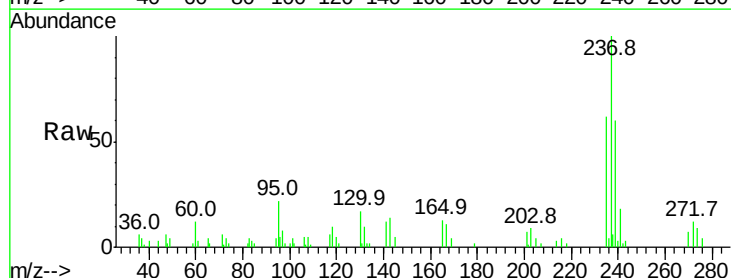
Tgt Ion:237 Resp: 39554

Ion Ratio Lower Upper

237 100

235 61.8 42.0 82.0

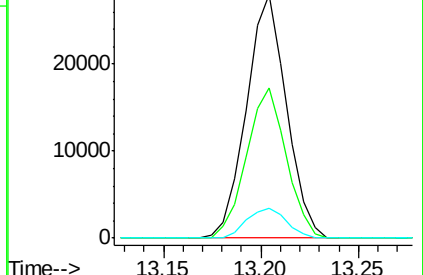
272 12.0 0.0 33.4

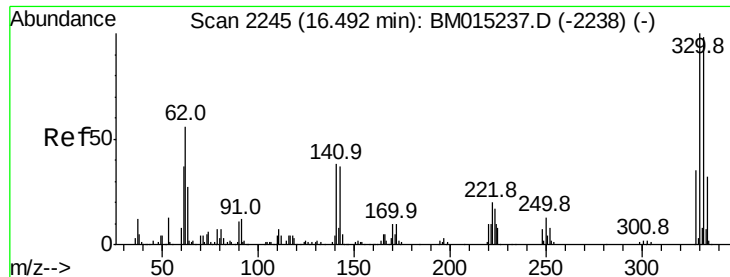


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 140.340 ng

RT: 16.49 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampleId :

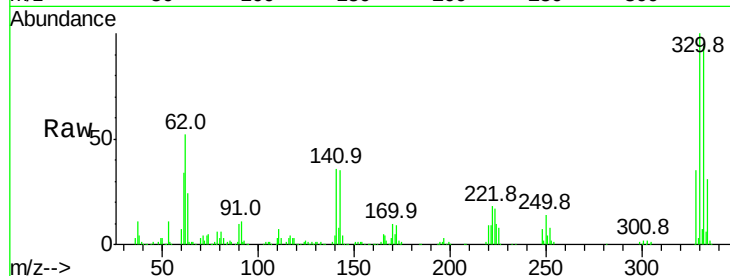
Tot Ion:330 Resp: 761853

Ion Ratio Lower Upper

330 100

332 96.2 0.0 0.0#

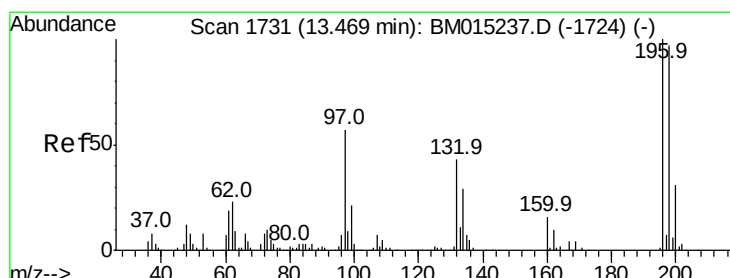
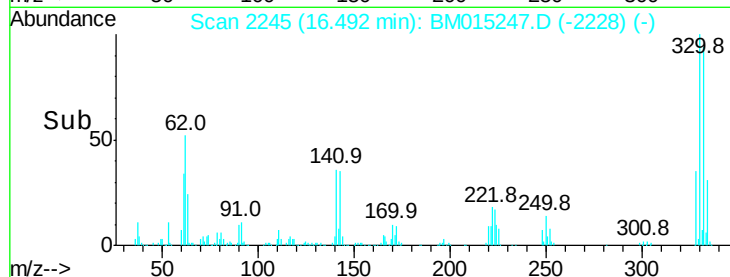
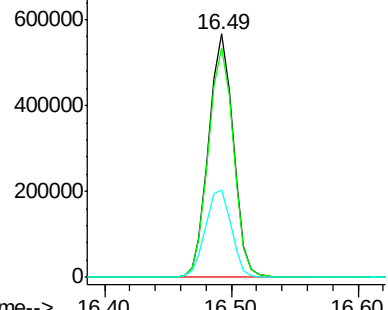
141 37.9 0.0 0.0#



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: 6.614 ng

RT: 13.47 min Scan# 1731

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

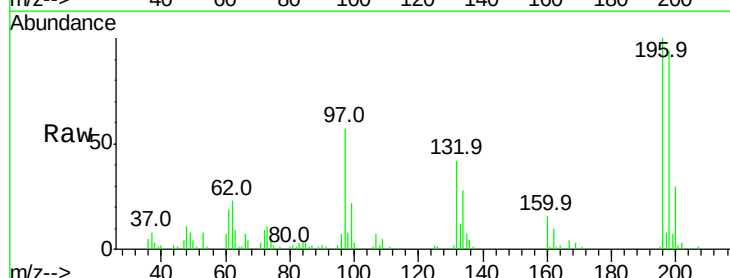
Tgt Ion:196 Resp: 60605

Ion Ratio Lower Upper

196 100

198 93.6 76.3 114.5

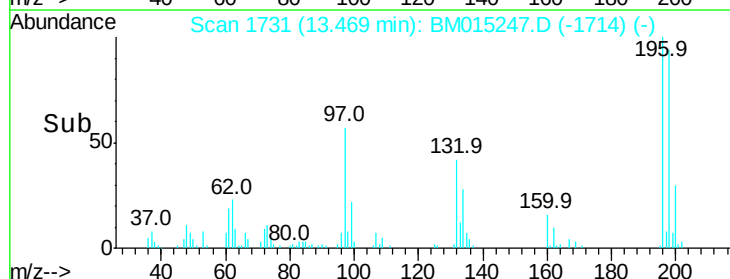
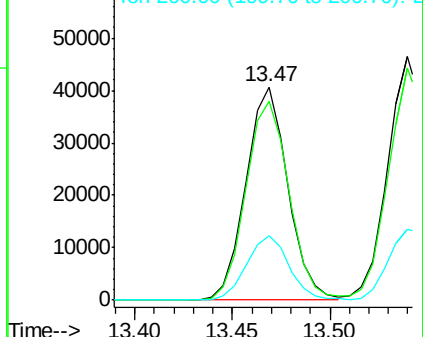
200 30.4 25.6 38.4

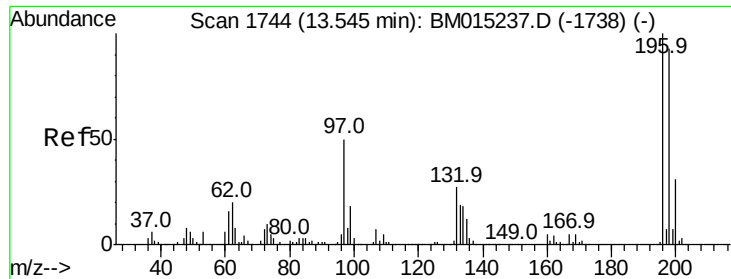


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

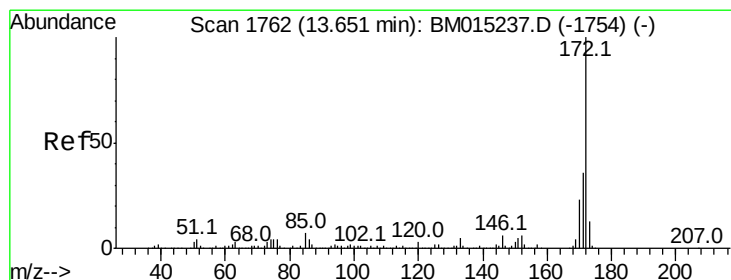
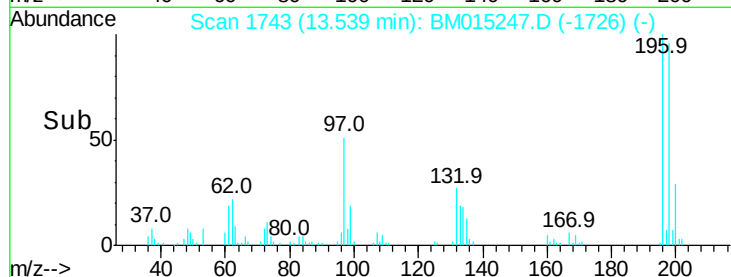
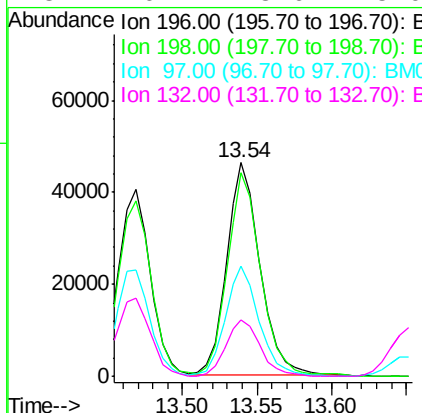
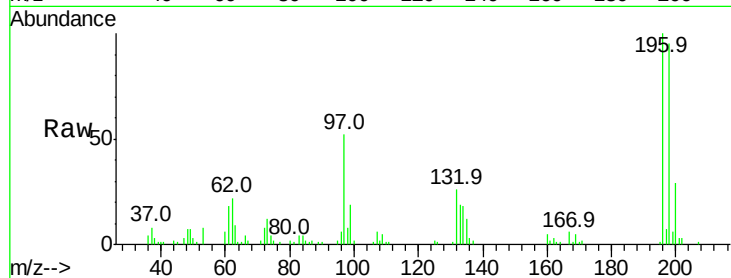




#43
 2,4,5-Trichlorophenol
 Concen: 7.235 ng
 RT: 13.54 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: BM015247.D
 Acq: 22 May 2018 19:22

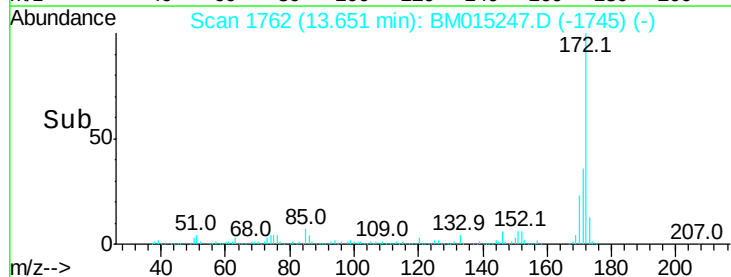
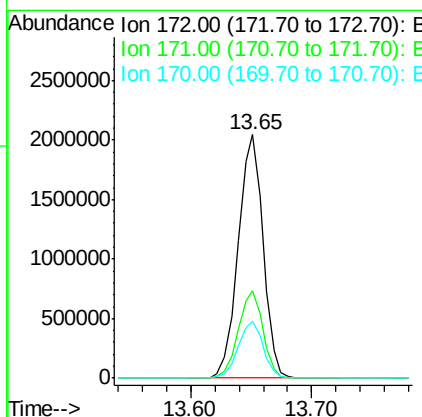
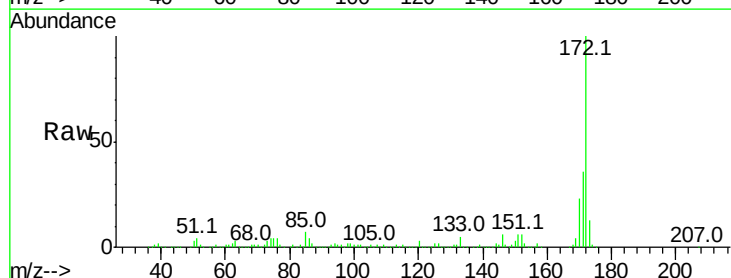
Instrument :
 BNA_M
 ClientSampleId :

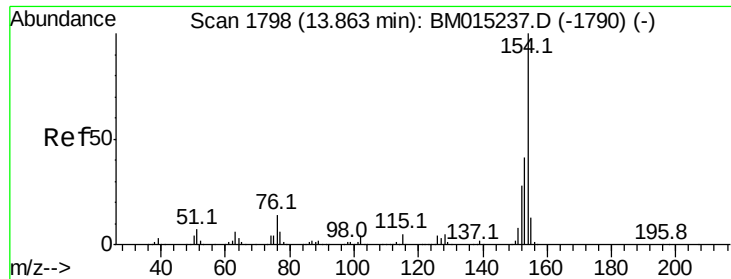
Tot Ion:	196	Resp:	71590
Ion	Ratio	Lower	Upper
196	100		
198	95.4	79.4	119.0
97	51.8	26.8	40.2#
132	26.2	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 84.321 ng
 RT: 13.65 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BM015247.D
 Acq: 22 May 2018 19:22

Tgt Ion:	172	Resp:	2936444
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.3	18.8	28.2





#45

1,1'-Biphenyl

Concen: 8.049 ng

RT: 13.86 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampleId :

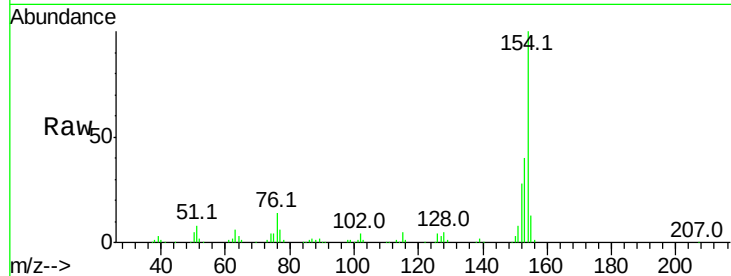
Tot Ion:154 Resp: 304865

Ion Ratio Lower Upper

154 100

153 39.7 20.7 60.7

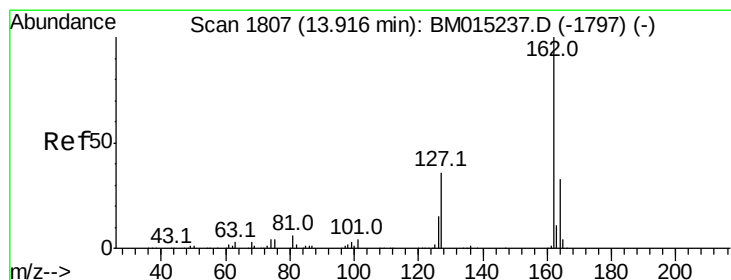
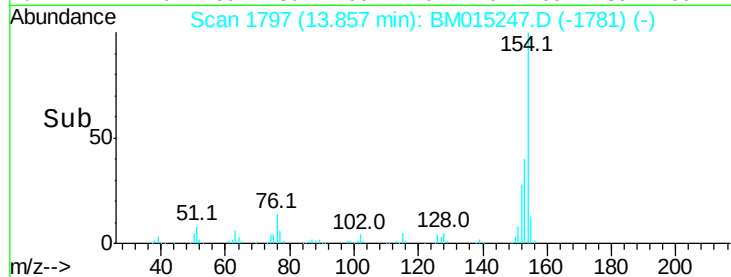
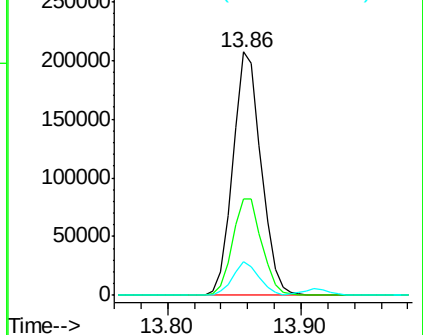
76 13.7 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 7.877 ng

RT: 13.91 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

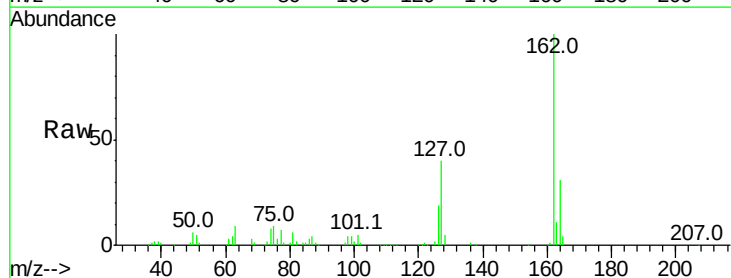
Tgt Ion:162 Resp: 229639

Ion Ratio Lower Upper

162 100

127 39.7 26.9 40.3

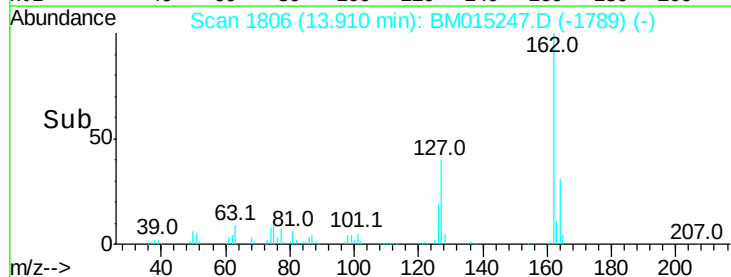
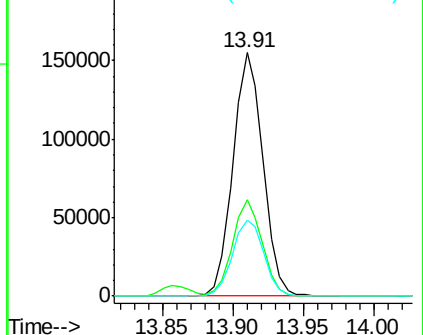
164 31.0 26.8 40.2

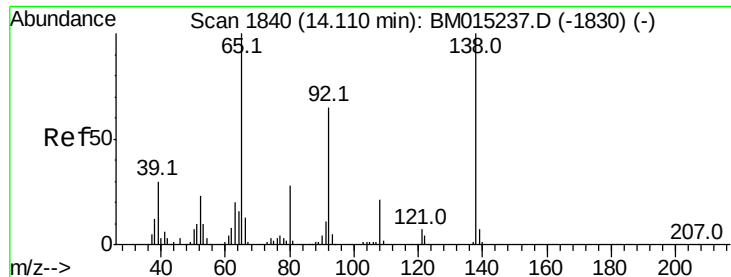


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 6.317 ng

RT: 14.11 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampleId :

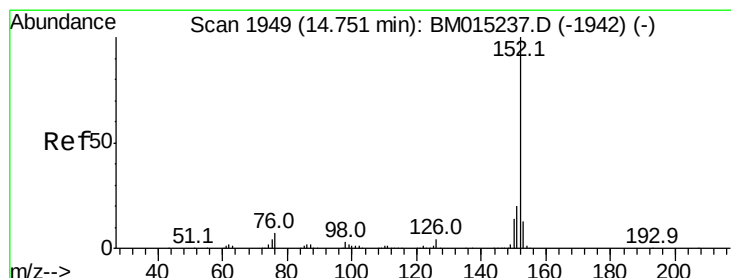
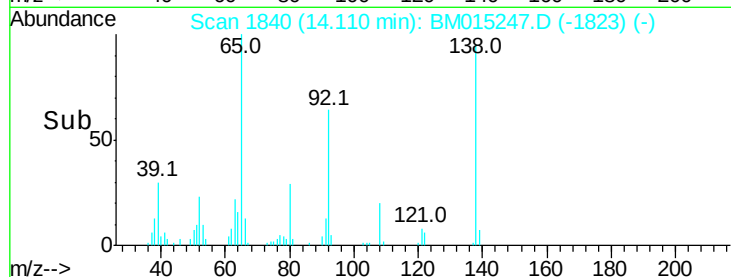
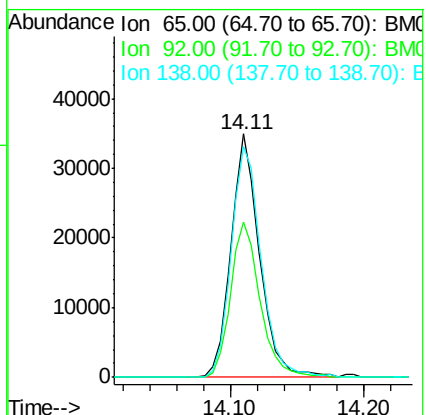
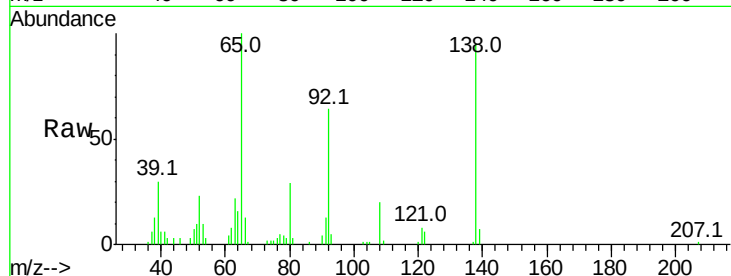
Tot Ion: 65 Resp: 52463

Ion Ratio Lower Upper

65 100

92 64.0 59.1 88.7

138 94.7 93.9 140.9



#48

Acenaphthylene

Concen: 7.552 ng

RT: 14.75 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

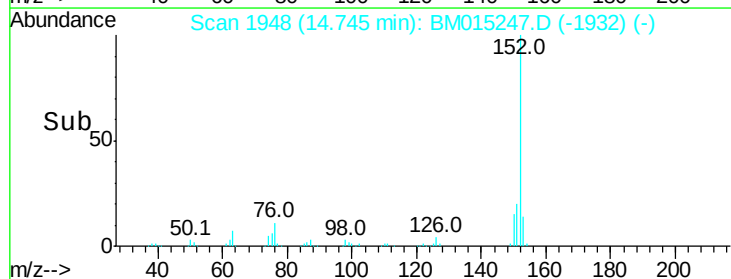
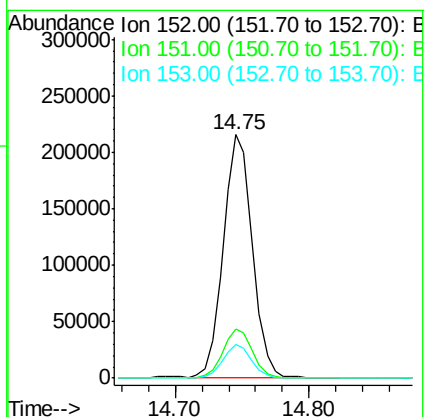
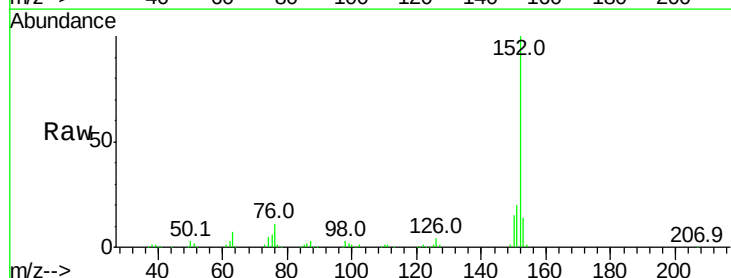
Tgt Ion: 152 Resp: 327028

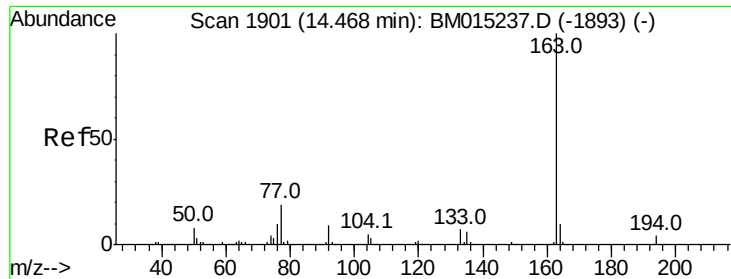
Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 13.9 10.6 16.0





#49

Dimethylphthalate

Concen: 7.890 ng

RT: 14.46 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampled :

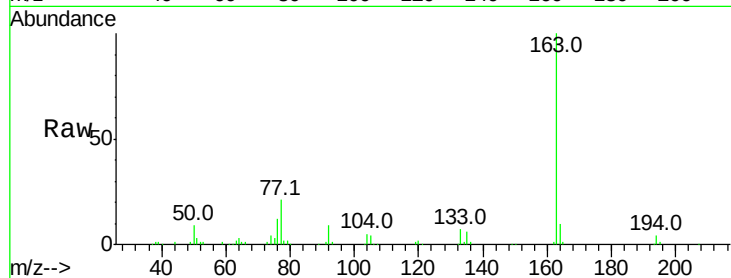
Tot Ion:163 Resp: 272597

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

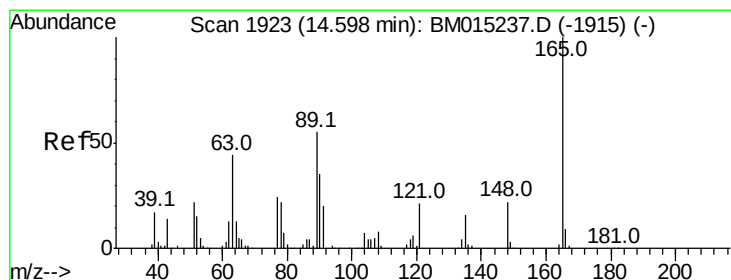
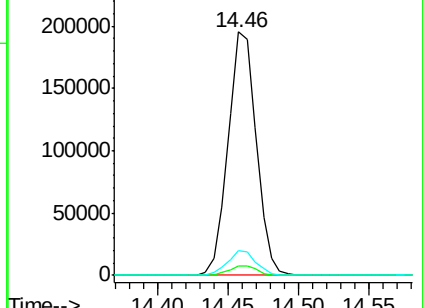
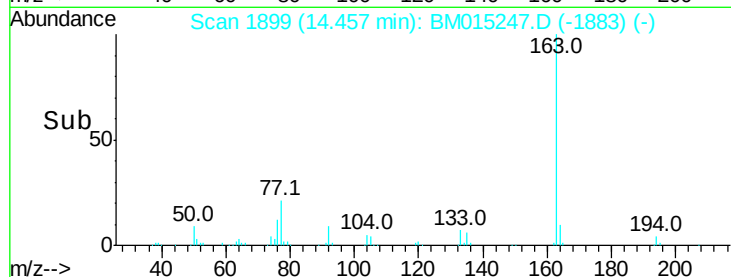
164 10.2 8.2 12.2



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: 7.131 ng

RT: 14.59 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

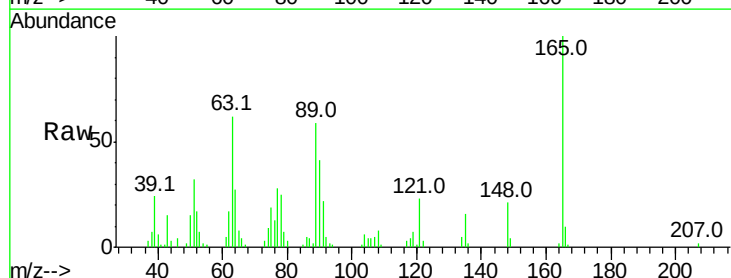
Tgt Ion:165 Resp: 51403

Ion Ratio Lower Upper

165 100

63 62.4 44.1 66.1

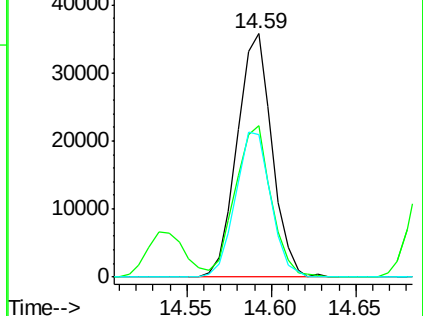
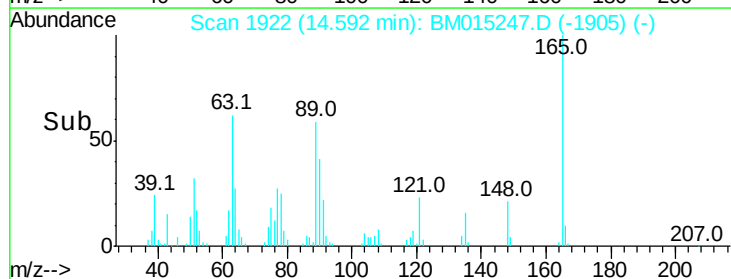
89 58.7 44.3 66.5

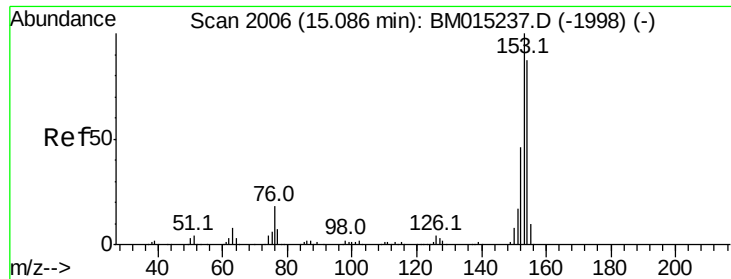


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 7.927 ng

RT: 15.08 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampleId :

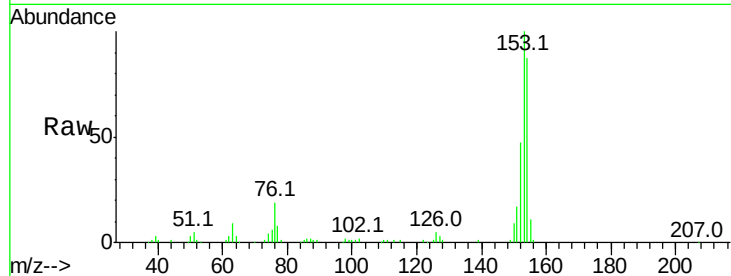
Tot Ion:154 Resp: 213823

Ion Ratio Lower Upper

154 100

153 115.4 90.0 135.0

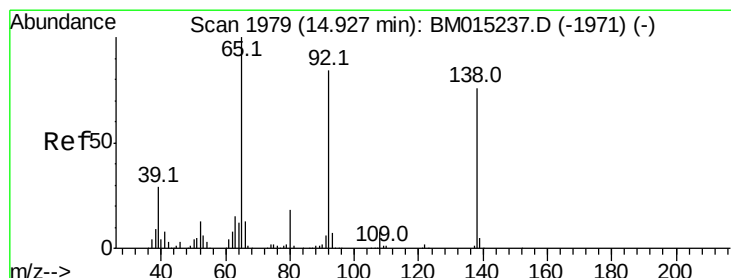
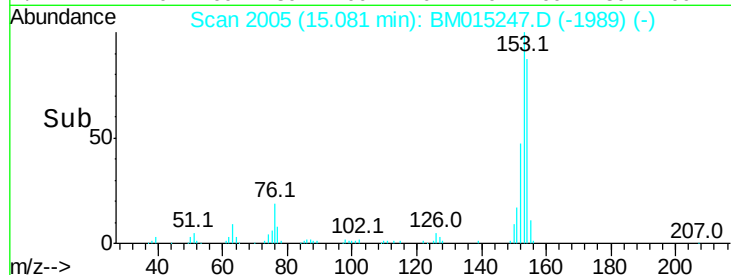
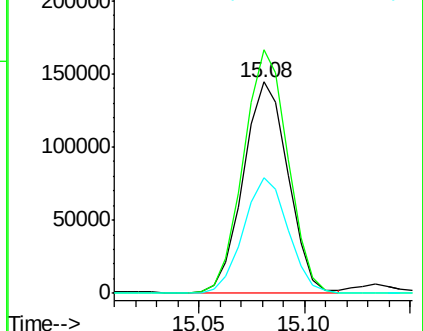
152 54.7 42.6 63.8



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: 6.438 ng

RT: 14.92 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

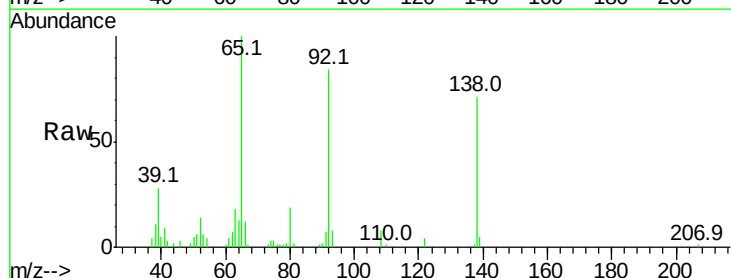
Tgt Ion:138 Resp: 48867

Ion Ratio Lower Upper

138 100

108 11.2 7.3 10.9#

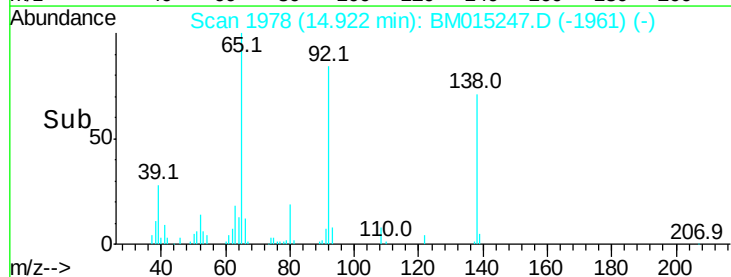
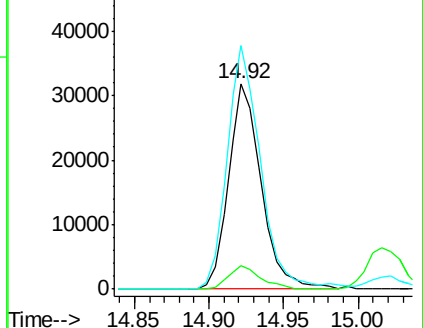
92 118.3 76.6 114.8#

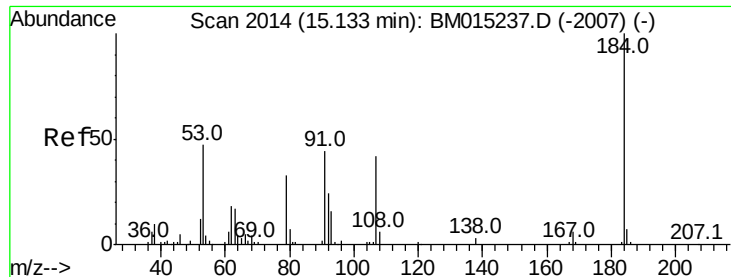


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

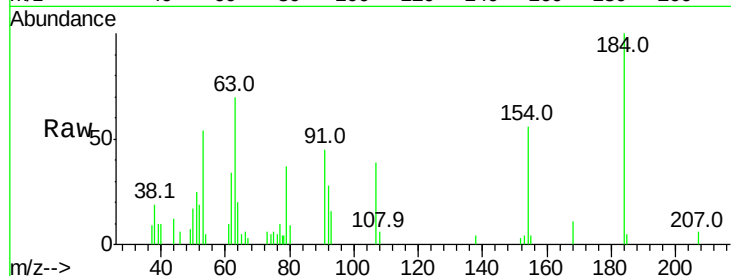




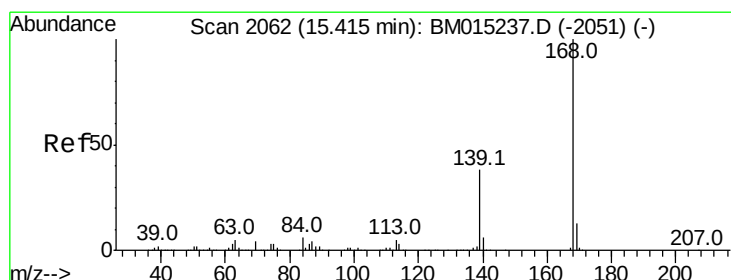
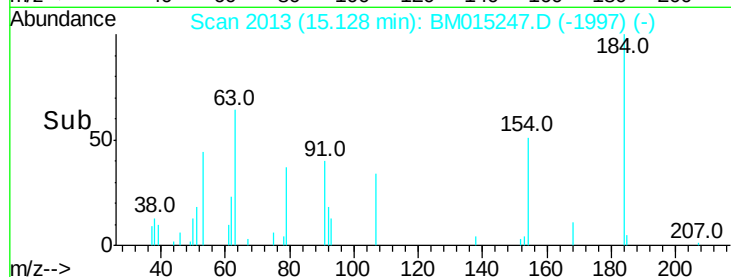
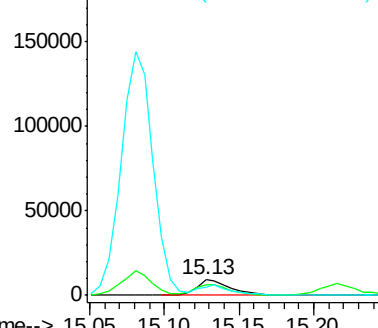
#53
2,4-Dinitrophenol
Concen: 9.704 ng
RT: 15.13 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:184 Resp: 14815
Ion Ratio Lower Upper
184 100
63 70.0 69.2 103.8
154 55.6 53.3 79.9

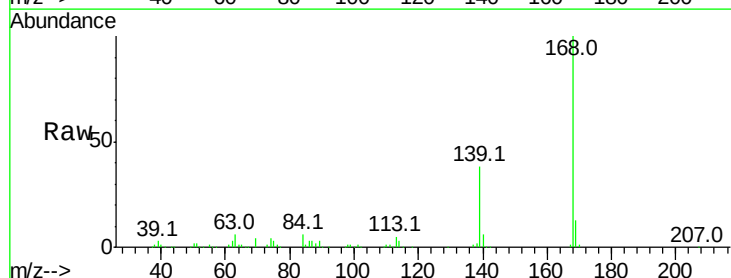


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

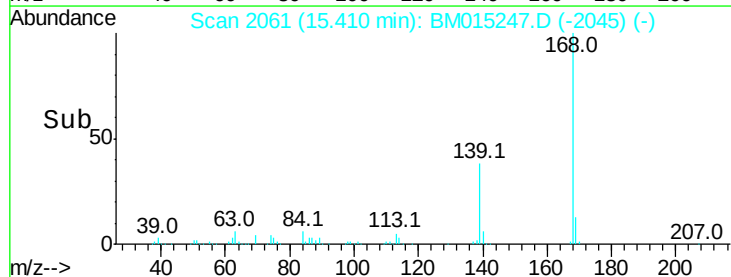
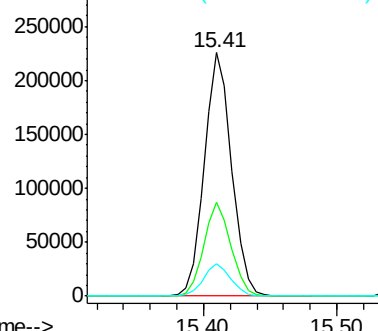


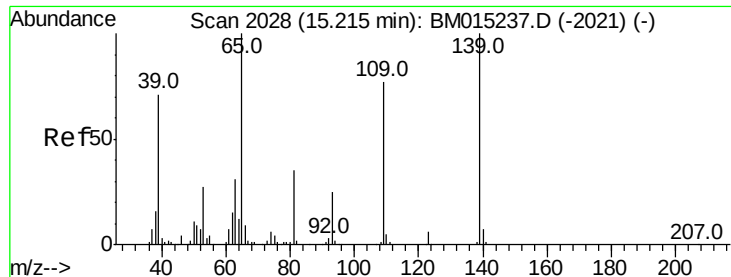
#54
Dibenzofuran
Concen: 7.550 ng
RT: 15.41 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Tgt Ion:168 Resp: 321101
Ion Ratio Lower Upper
168 100
139 38.4 27.3 40.9
169 13.3 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

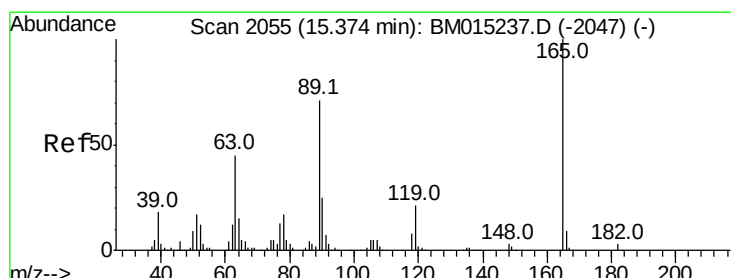
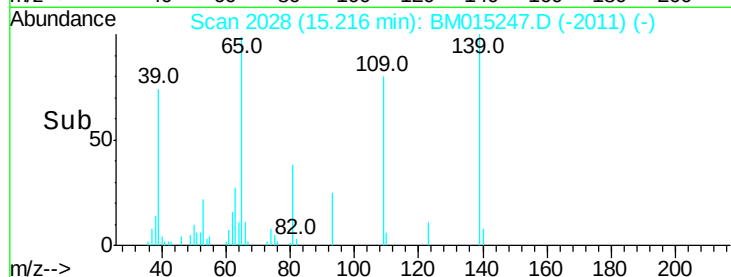
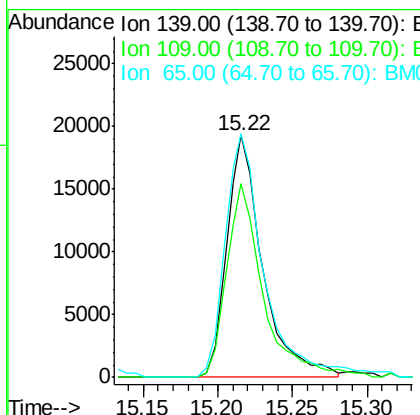
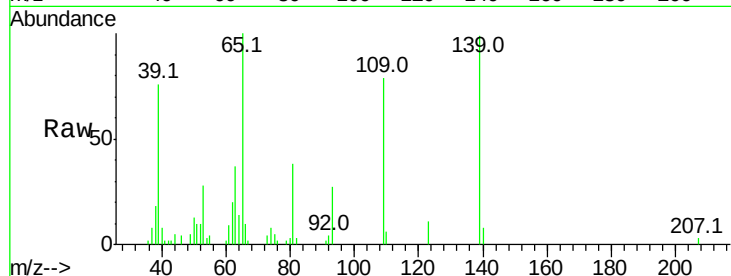




#55
4-Nitrophenol
Concen: 5.273 ng
RT: 15.22 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

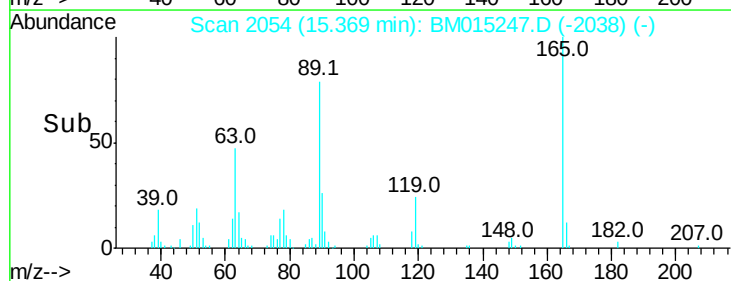
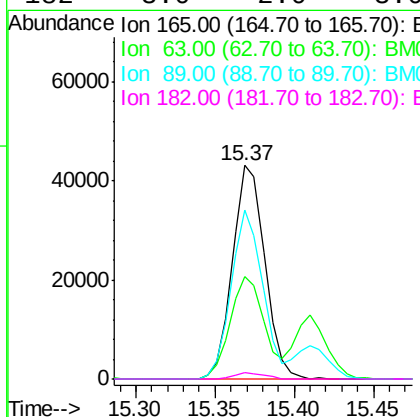
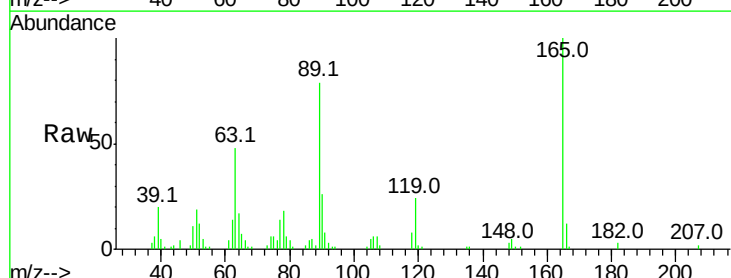
Instrument :
BNA_M
ClientSampleId :

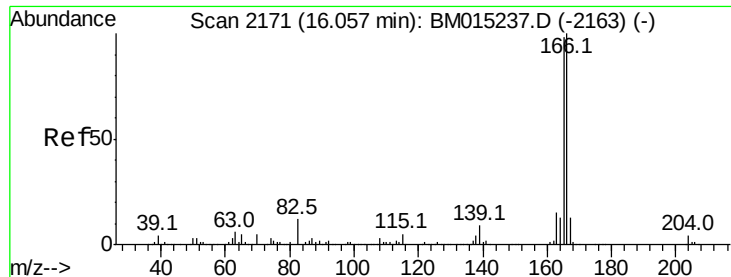
Tot Ion:139 Resp: 32460
Ion Ratio Lower Upper
139 100
109 79.8 130.0 170.0#
65 100.6 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 6.180 ng
RT: 15.37 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Tgt Ion:165 Resp: 60996
Ion Ratio Lower Upper
165 100
63 48.2 52.4 78.6#
89 79.0 72.4 108.6
182 3.0 2.0 3.0

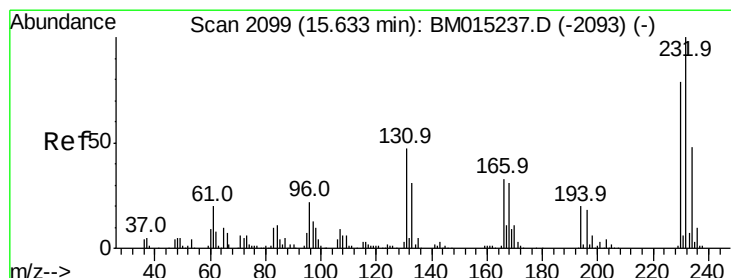
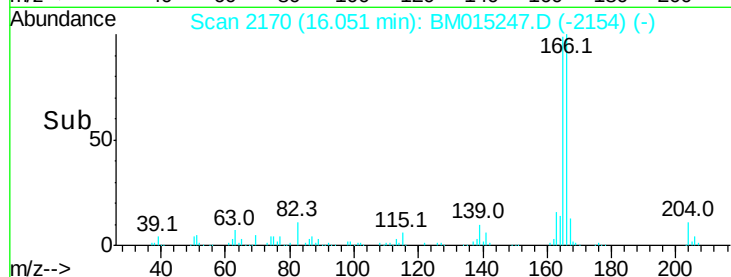
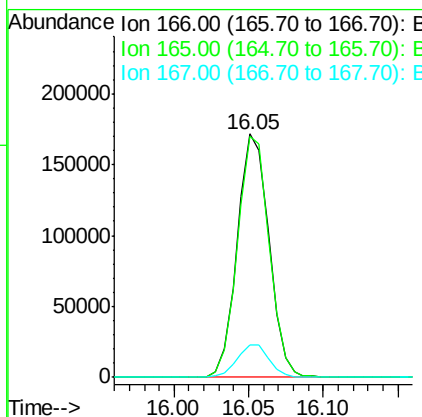
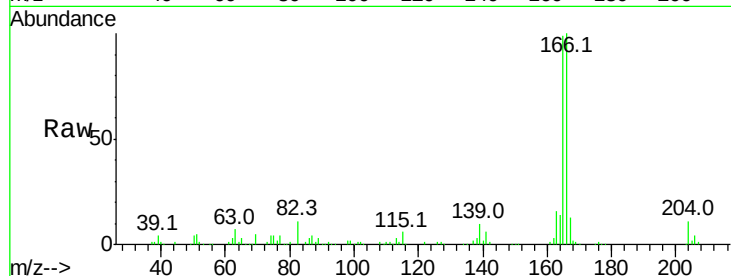




#57
 Fluorene
 Concen: 7.540 ng
 RT: 16.05 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM015247.D
 Acq: 22 May 2018 19:22

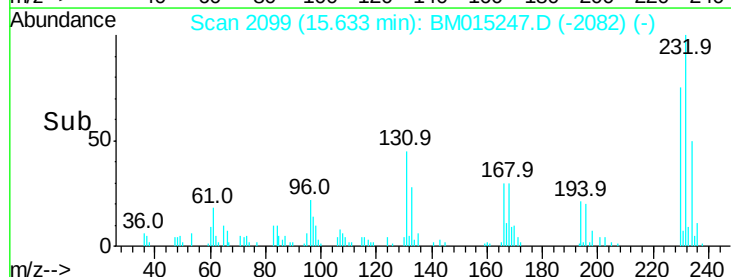
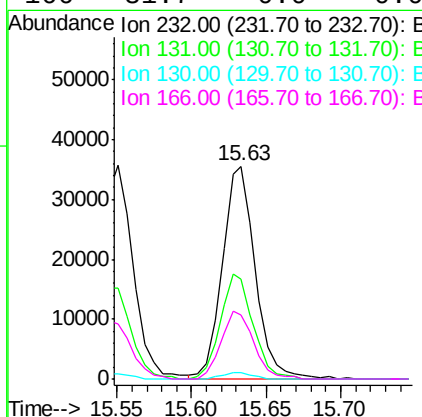
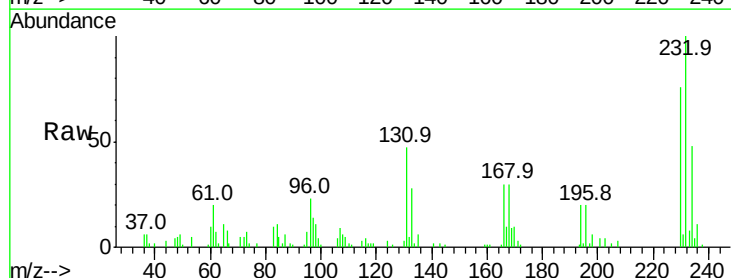
Instrument :
 BNA_M
 ClientSampleId :

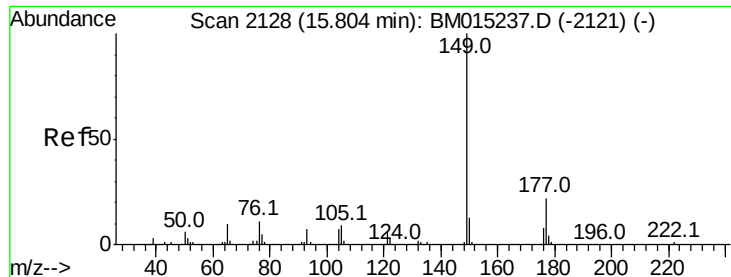
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.0	118.4
167	13.5	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 6.471 ng
 RT: 15.63 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BM015247.D
 Acq: 22 May 2018 19:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.9	0.0	0.0#
130	2.7	0.0	0.0#
166	31.7	0.0	0.0#

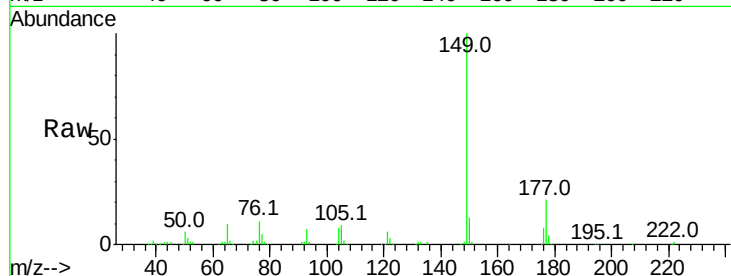




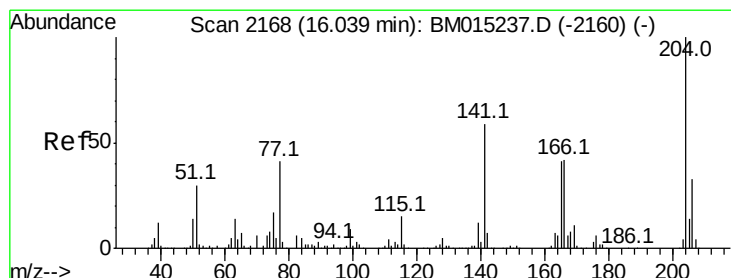
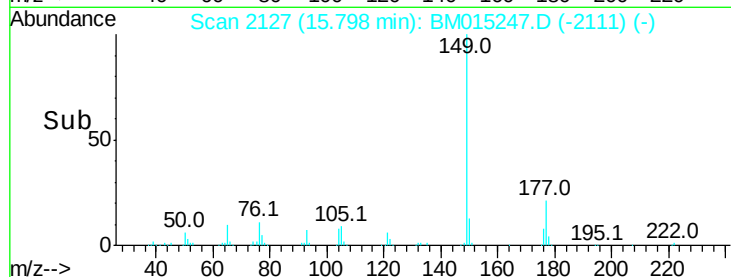
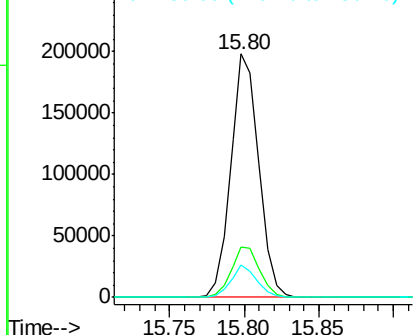
#59
Diethylphthalate
Concen: 7.598 ng
RT: 15.80 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	18.3	27.5
150	13.4	9.8	14.8

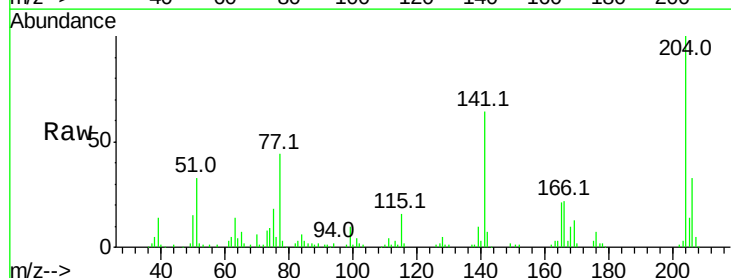


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

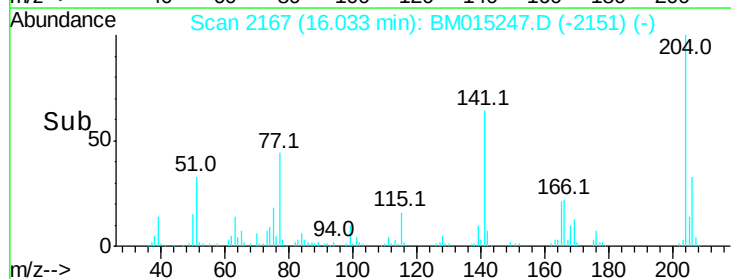
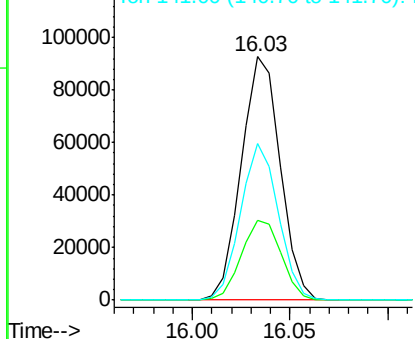


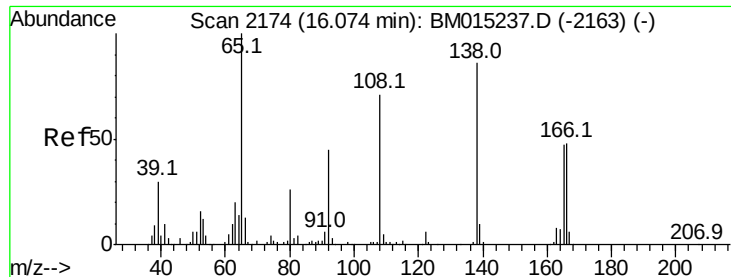
#60
4-Chlorophenyl-phenylether
Concen: 7.497 ng
RT: 16.03 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.6	39.8
141	64.3	45.2	67.8



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





#61

4-Nitroaniline

Concen: 5.973 ng

RT: 16.07 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampled :

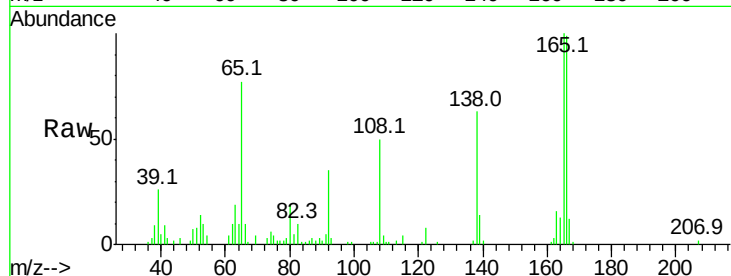
Tot Ion:138 Resp: 47397

Ion Ratio Lower Upper

138 100

92 56.0 16.7 56.7

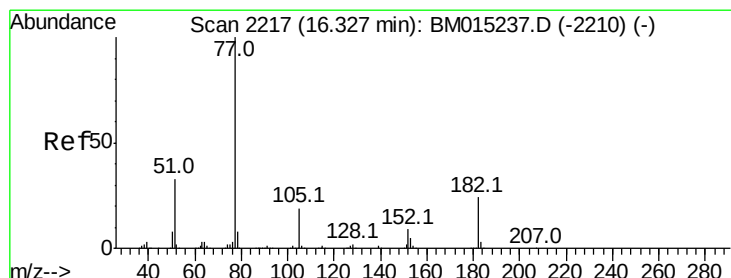
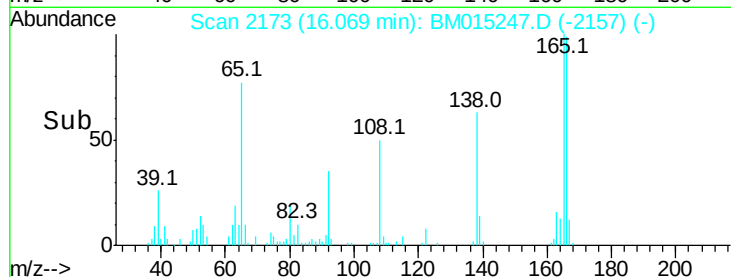
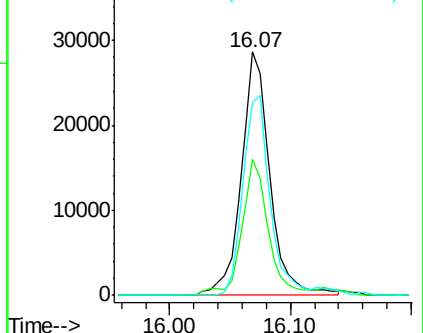
108 79.2 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 7.159 ng

RT: 16.33 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Tgt Ion: 77 Resp: 231630

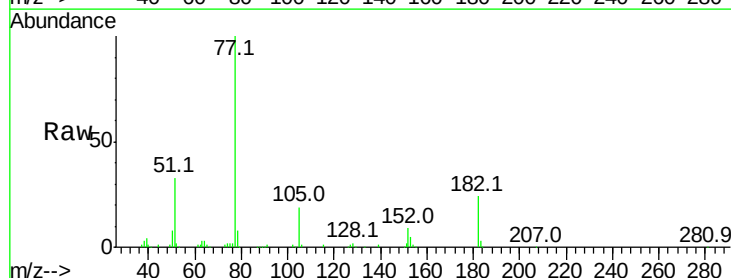
Ion Ratio Lower Upper

77 100

182 24.1 6.5 46.5

105 18.8 3.8 43.8

51 32.9 5.5 45.5

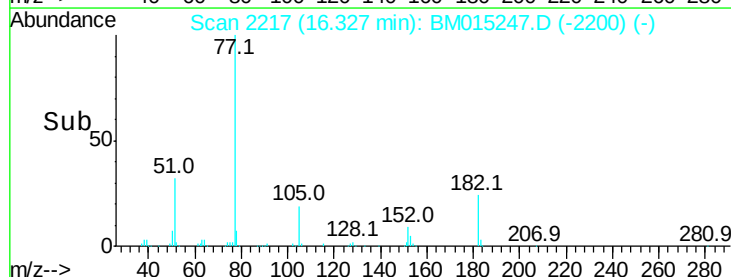
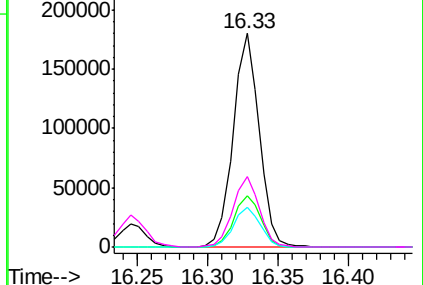


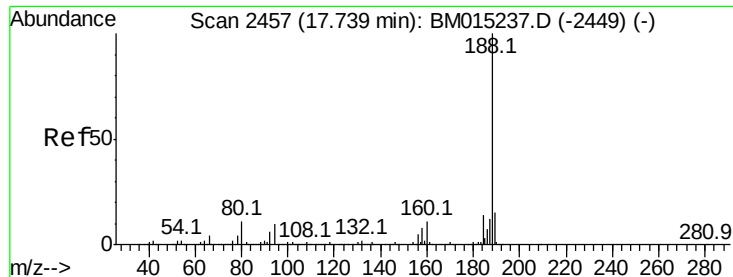
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

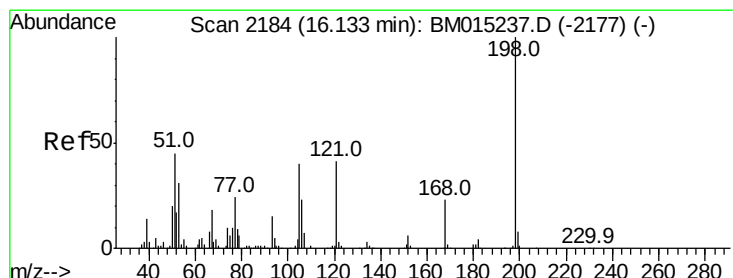
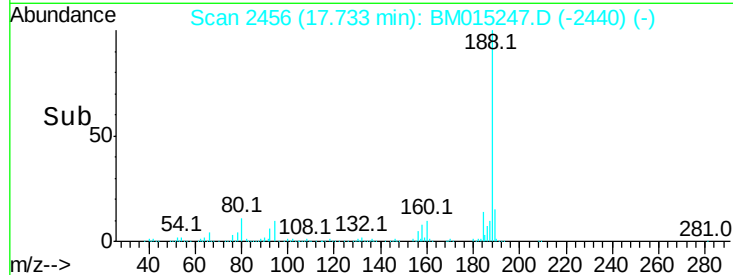
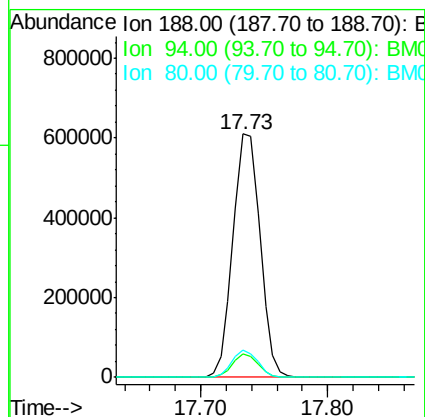
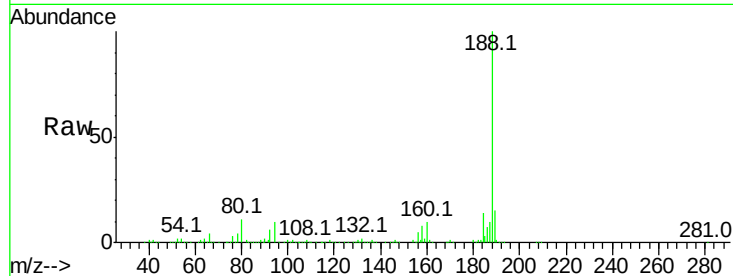




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.73 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

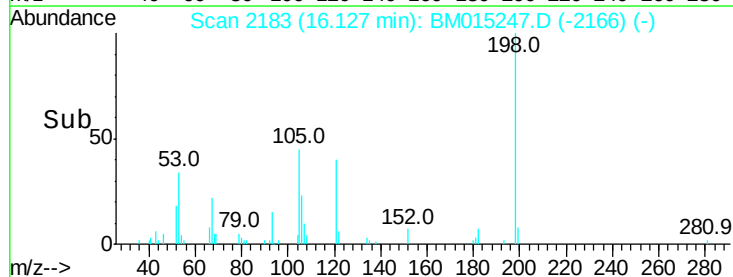
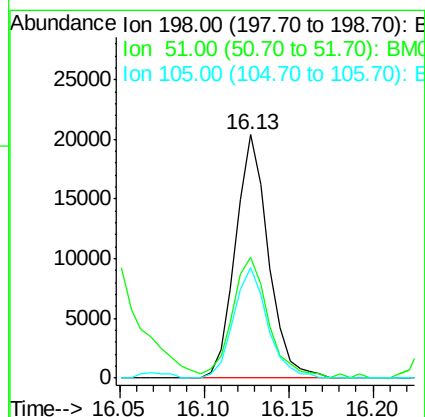
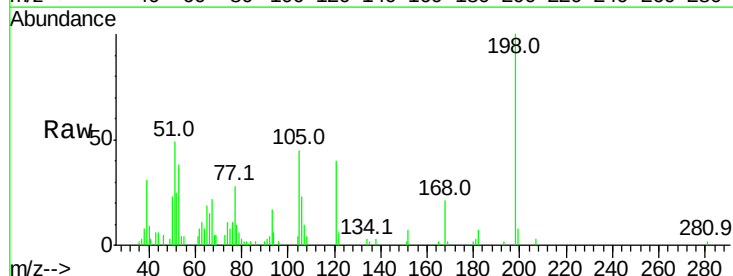
Instrument :
BNA_M
ClientSampleId :

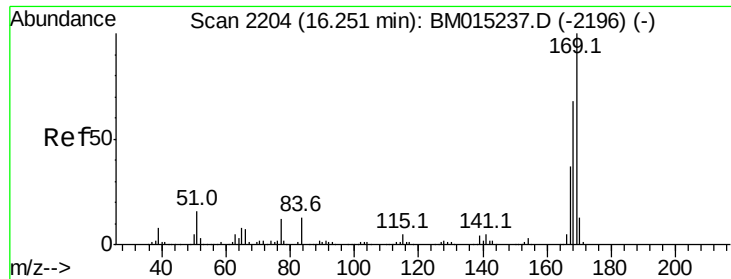
Tot Ion:188 Resp: 903847
Ion Ratio Lower Upper
188 100
94 9.7 8.7 13.1
80 11.1 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 5.545 ng
RT: 16.13 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Tgt Ion:198 Resp: 27661
Ion Ratio Lower Upper
198 100
51 49.5 28.8 68.8
105 45.3 30.5 70.5

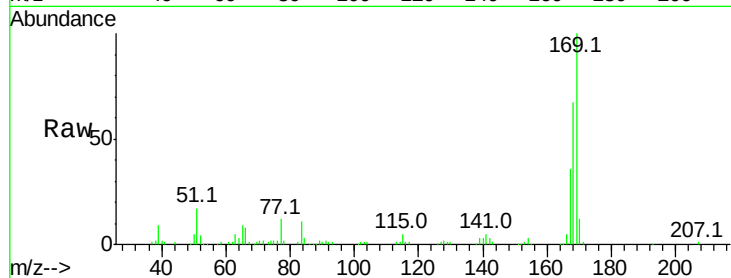




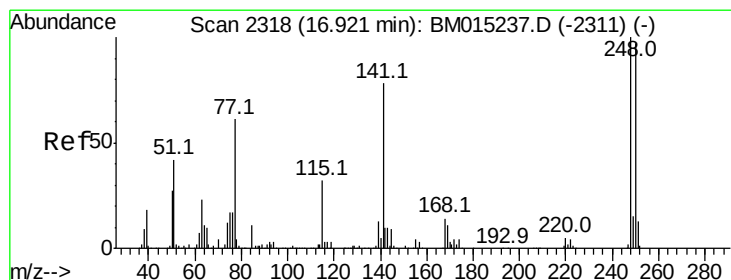
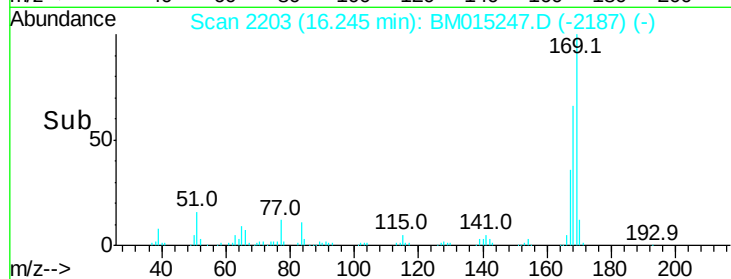
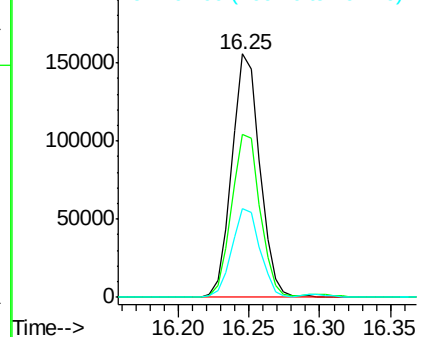
#65
n-Nitrosodiphenylamine
Concen: 7.398 ng
RT: 16.25 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:169 Resp: 214841
Ion Ratio Lower Upper
169 100
168 66.7 53.9 80.9
167 36.5 28.9 43.3

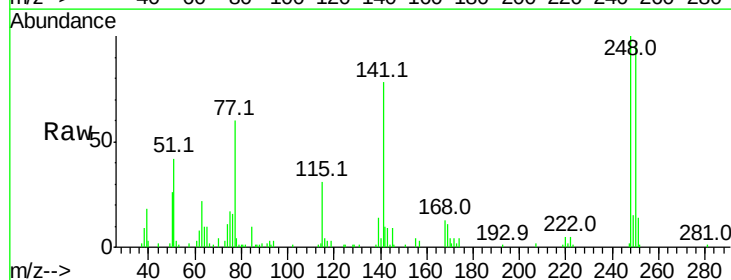


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

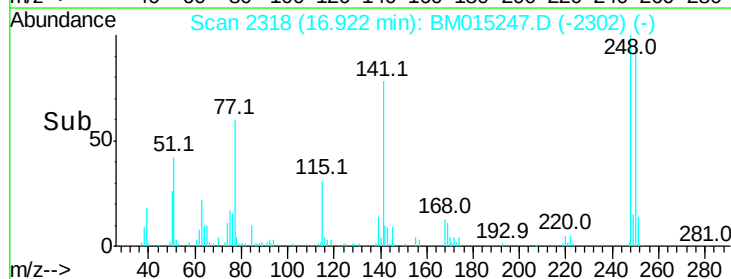
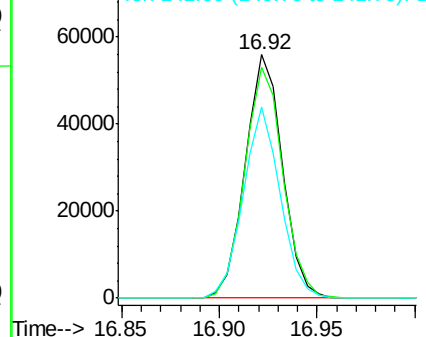


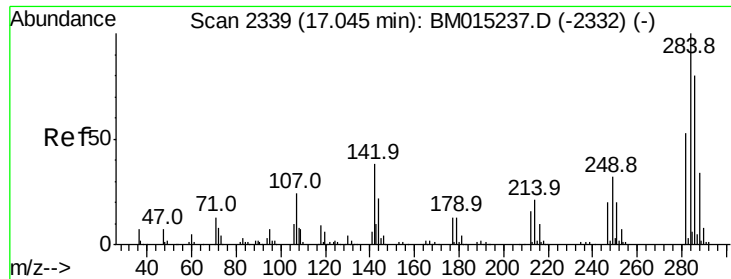
#66
4-Bromophenyl-phenylether
Concen: 7.315 ng
RT: 16.92 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Tgt Ion:248 Resp: 73867
Ion Ratio Lower Upper
248 100
250 94.9 77.4 116.0
141 78.3 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

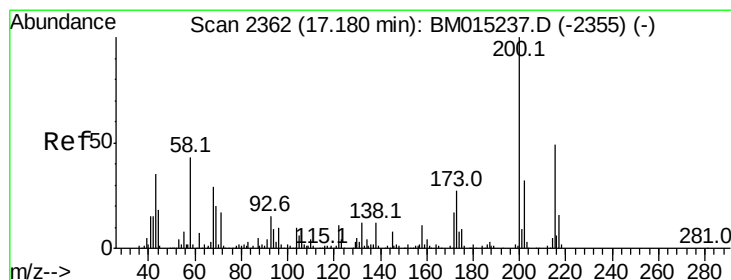
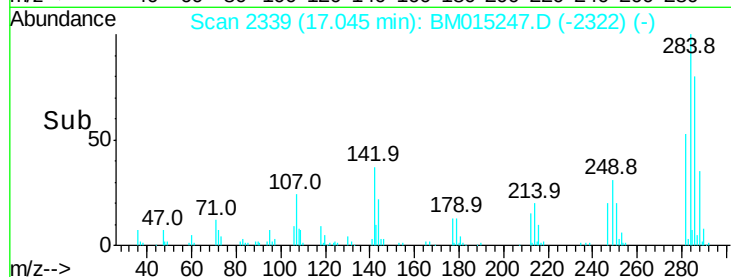
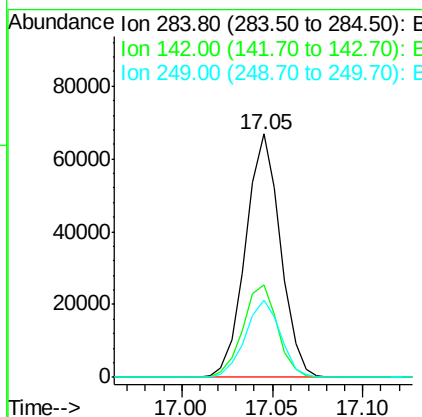
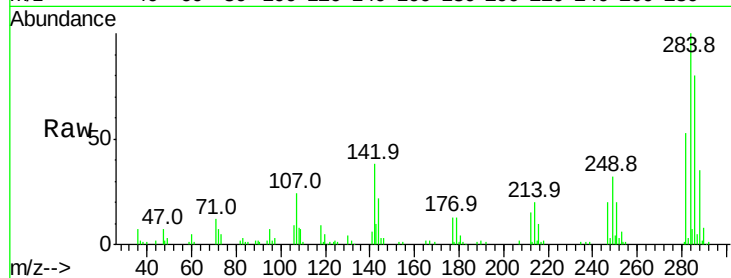




#67
Hexachlorobenzene
Concen: 7.682 ng
RT: 17.05 min Scan# 2339
Delta R.T. 0.00 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

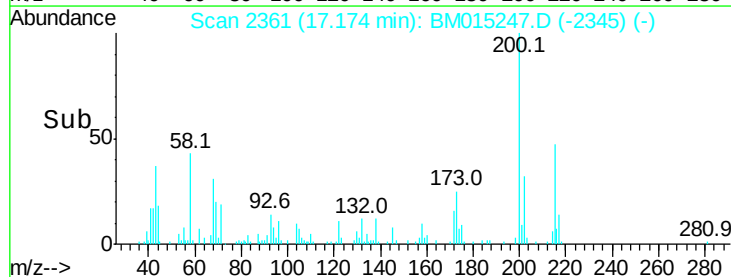
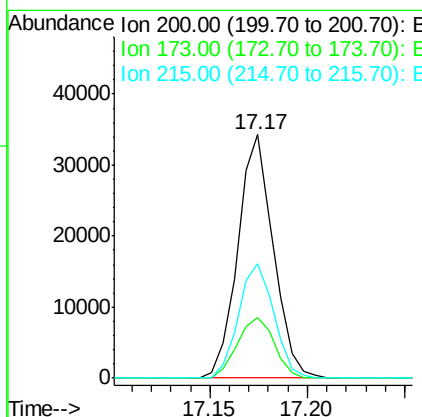
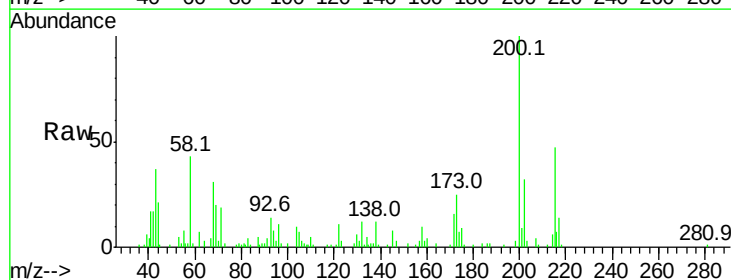
Instrument :
BNA_M
ClientSampleId :

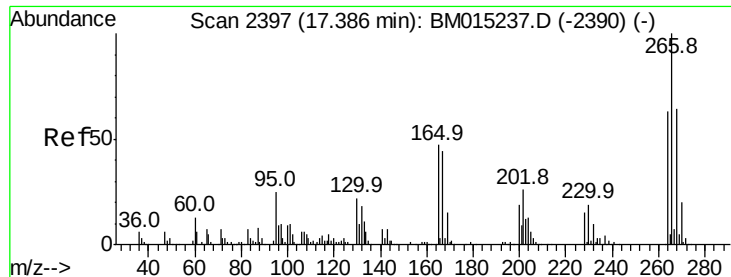
Tot Ion:284 Resp: 89331
Ion Ratio Lower Upper
284 100
142 38.0 20.4 30.6#
249 31.6 23.8 35.6



#68
Atrazine
Concen: 4.678 ng
RT: 17.17 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Tgt Ion:200 Resp: 43099
Ion Ratio Lower Upper
200 100
173 25.1 4.8 44.8
215 46.9 26.9 66.9





#69

Pentachlorophenol

Concen: 6.153 ng

RT: 17.39 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampled :

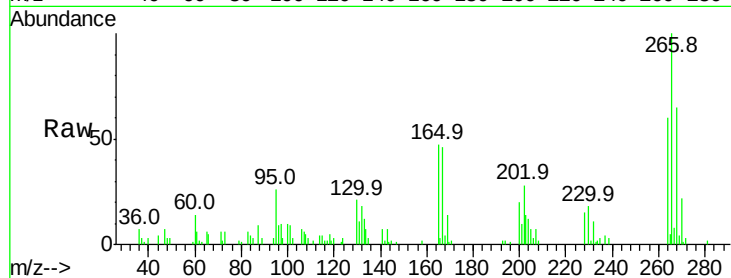
Tot Ion:266 Resp: 39831

Ion Ratio Lower Upper

266 100

268 64.7 52.0 78.0

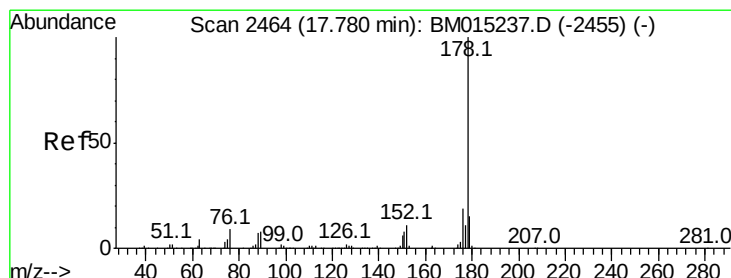
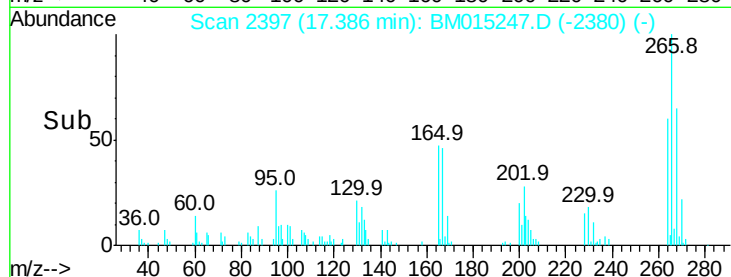
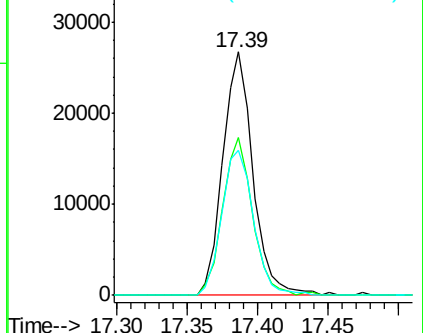
264 59.7 49.0 73.4



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: 7.541 ng

RT: 17.78 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

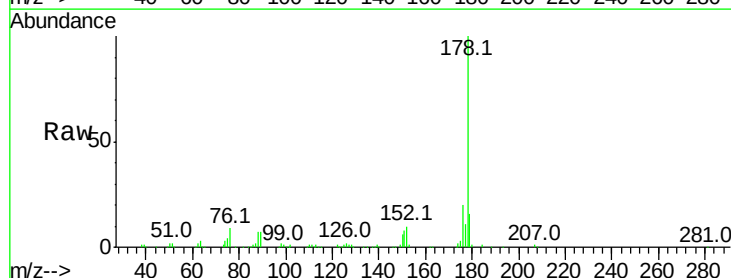
Tgt Ion:178 Resp: 388225

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

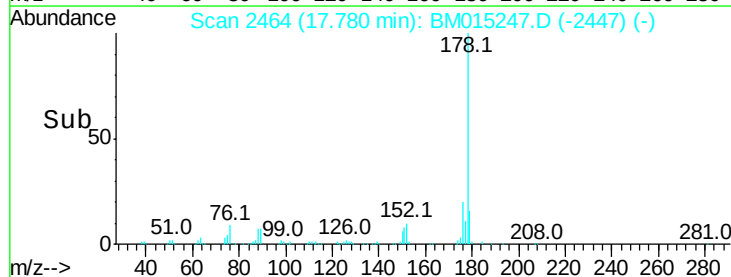
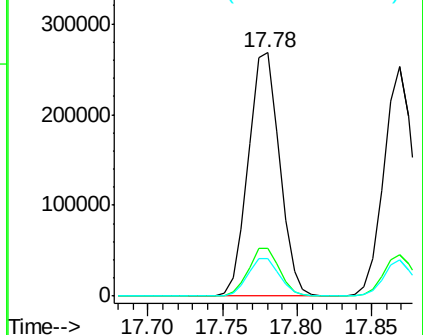
179 15.6 12.1 18.1

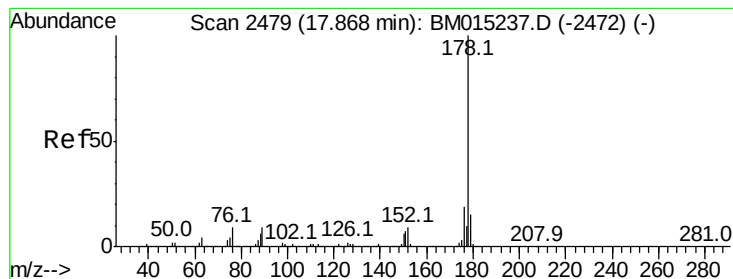


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 7.046 ng

RT: 17.87 min Scan# 2479

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampleId :

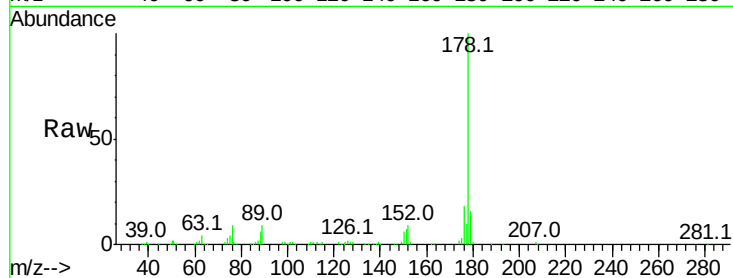
Tot Ion:178 Resp: 361608

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

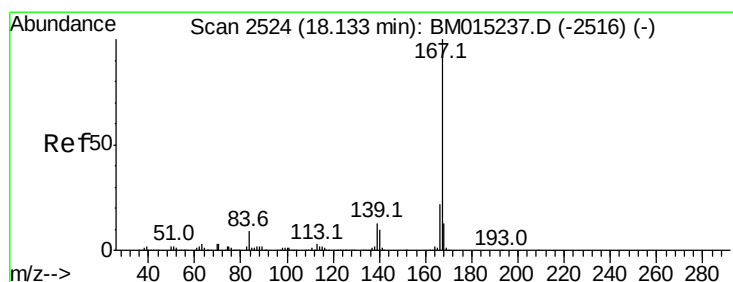
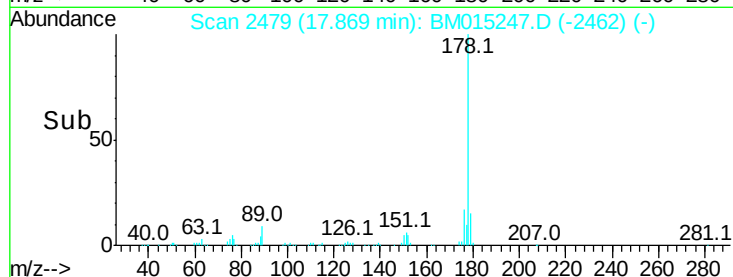
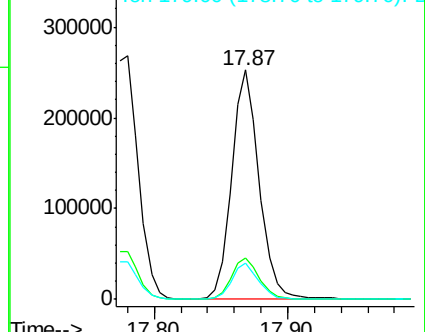
179 15.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 7.526 ng

RT: 18.13 min Scan# 2524

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

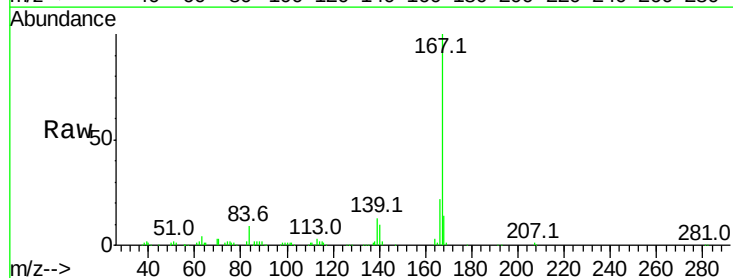
Tgt Ion:167 Resp: 341917

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

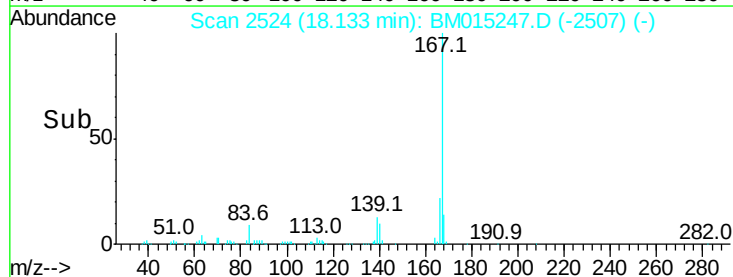
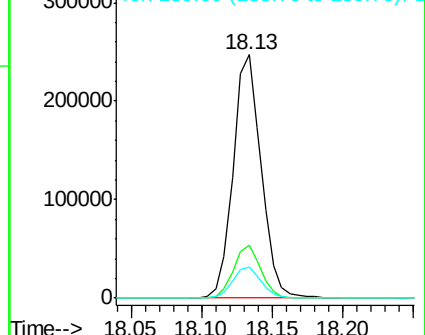
139 12.9 10.8 16.2

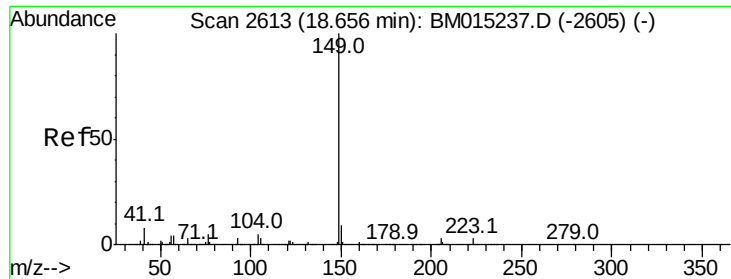


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 6.947 ng

RT: 18.65 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampleId :

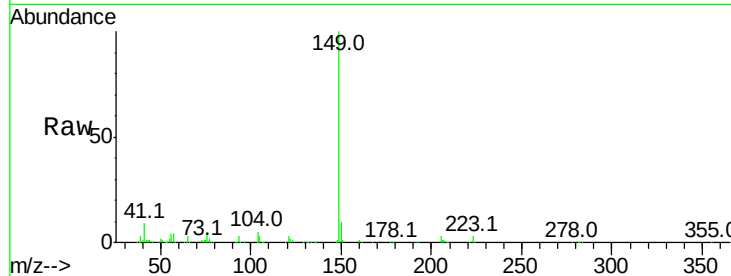
Tot Ion:149 Resp: 371594

Ion Ratio Lower Upper

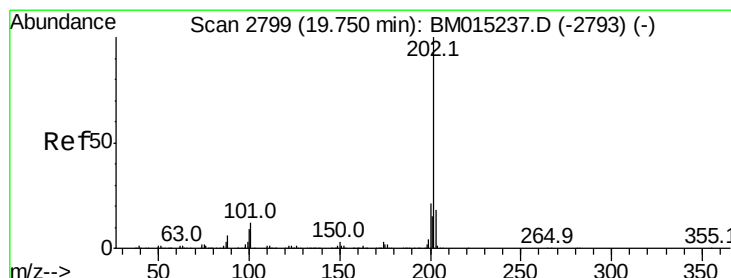
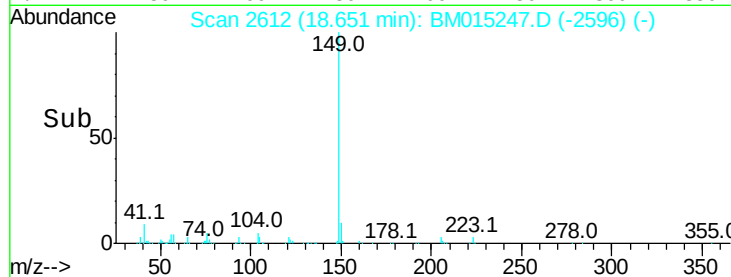
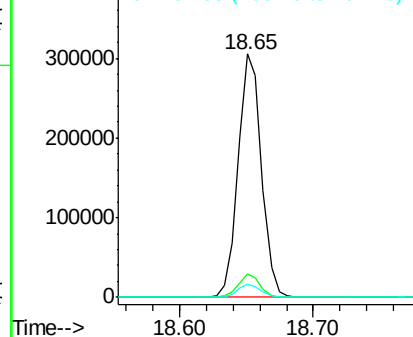
149 100

150 9.7 7.5 11.3

104 5.4 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 7.357 ng

RT: 19.75 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

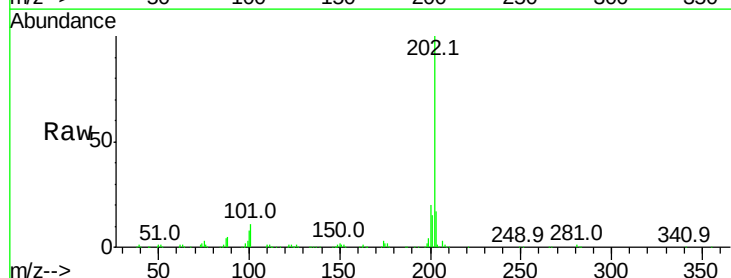
Tgt Ion:202 Resp: 415419

Ion Ratio Lower Upper

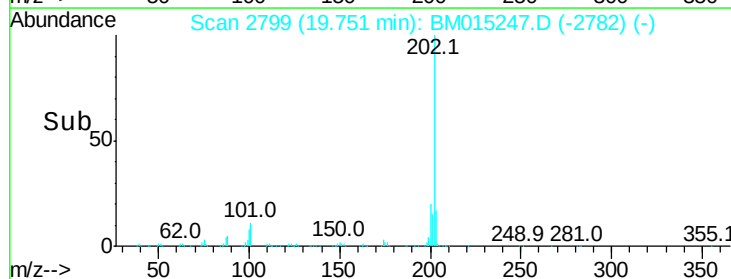
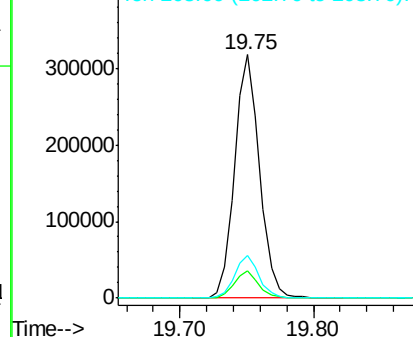
202 100

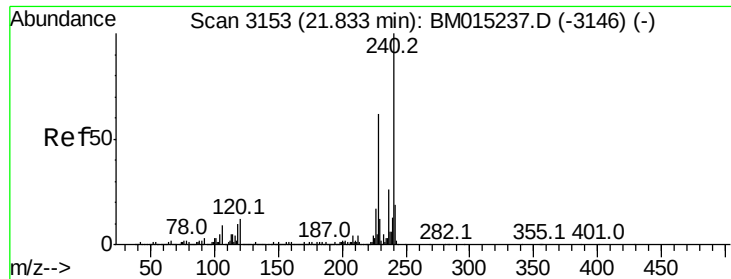
101 11.1 0.0 28.7

203 17.3 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

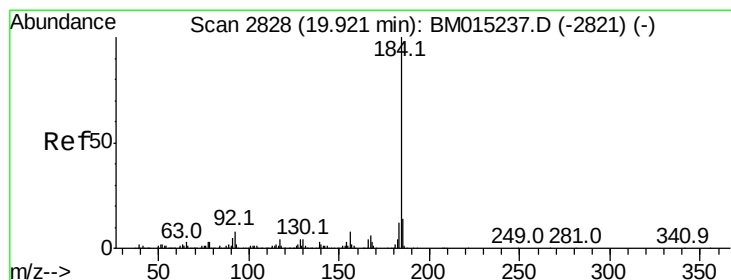
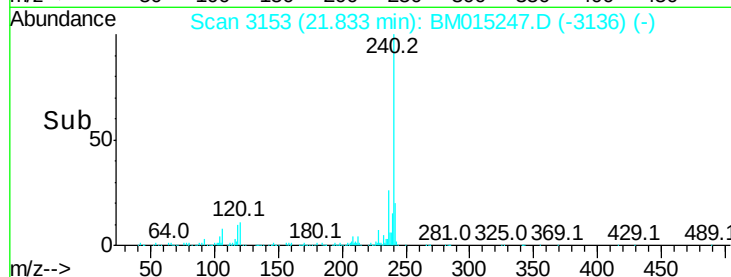
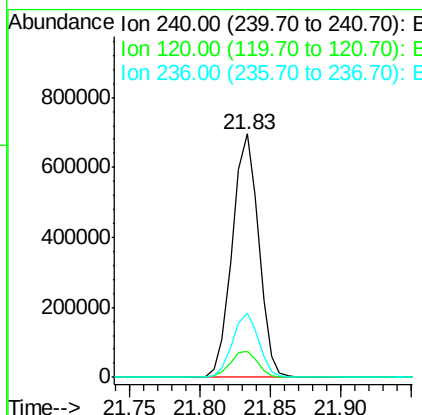
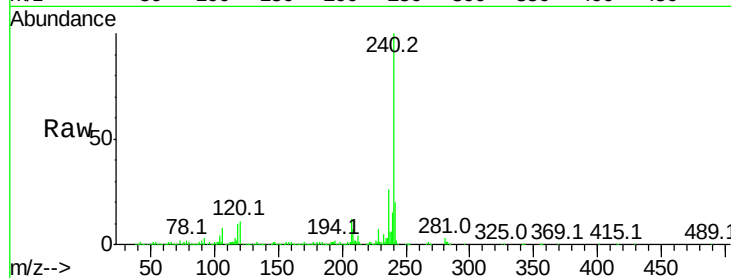




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.83 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: BM015247.D
 Acq: 22 May 2018 19:22

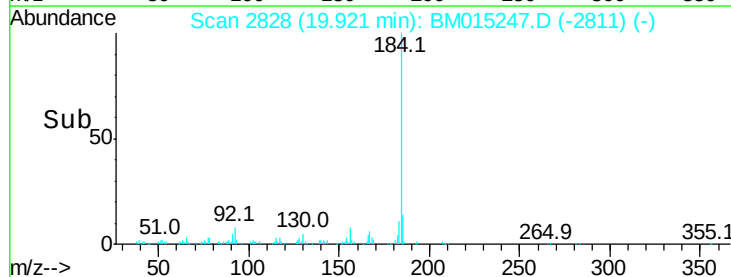
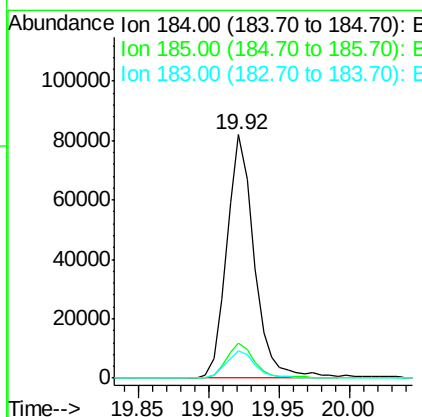
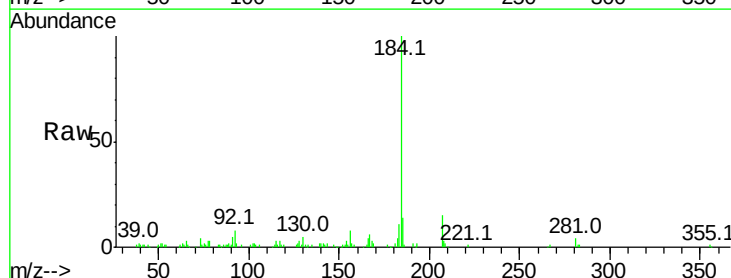
Instrument :
 BNA_M
 ClientSampleId :

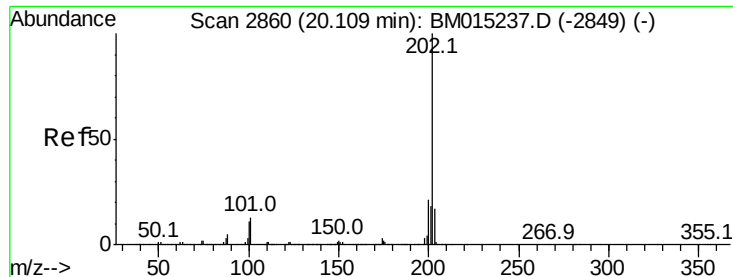
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.2	12.2
236	26.2	20.0	30.0



#76
 Benzidine
 Concen: 3.918 ng
 RT: 19.92 min Scan# 2828
 Delta R.T. 0.00 min
 Lab File: BM015247.D
 Acq: 22 May 2018 19:22

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.3	16.9
183	11.2	8.9	13.3

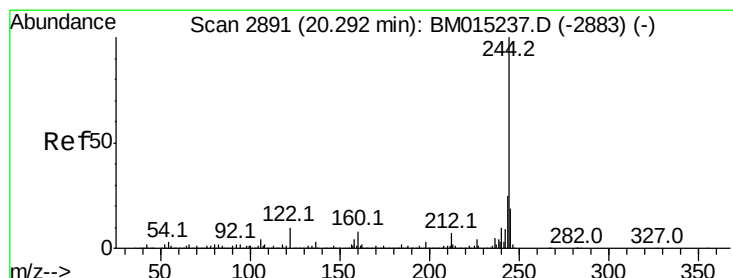
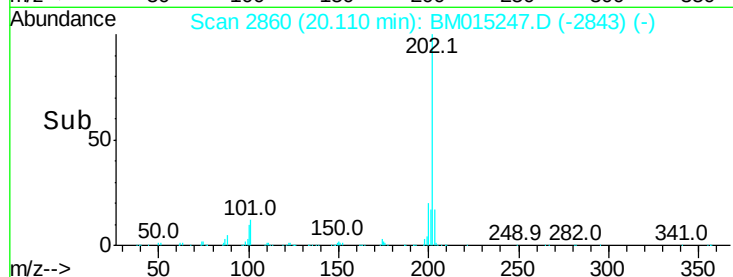
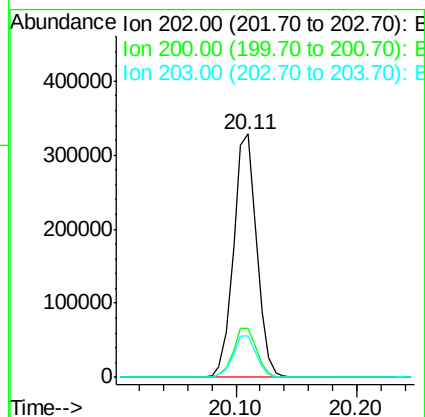
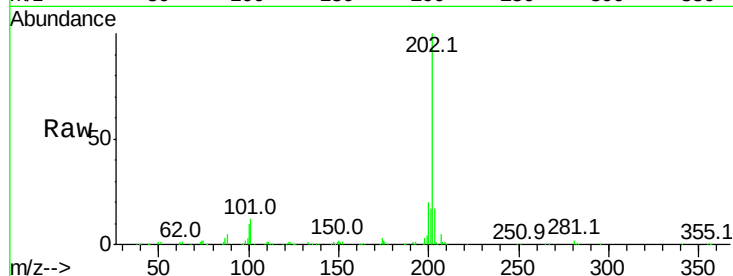




#77
Pvrene
Concen: 7.648 ng
RT: 20.11 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

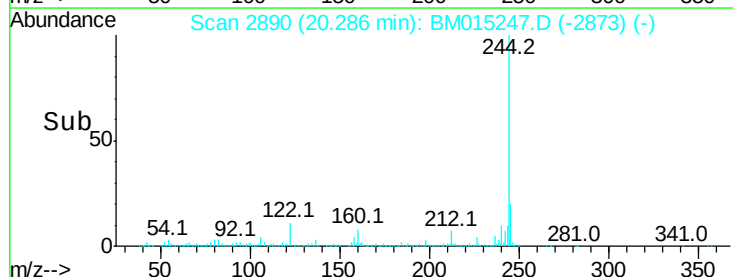
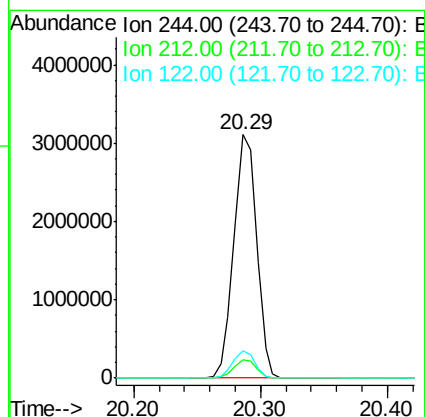
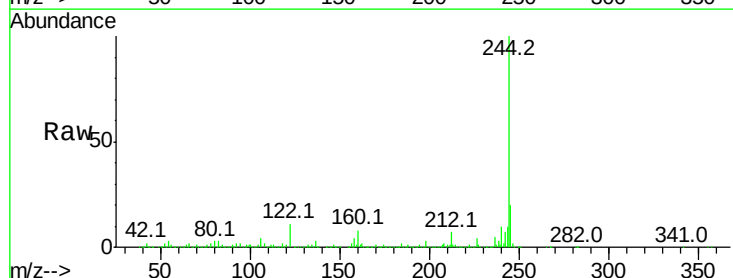
Instrument :
BNA_M
ClientSampleId :

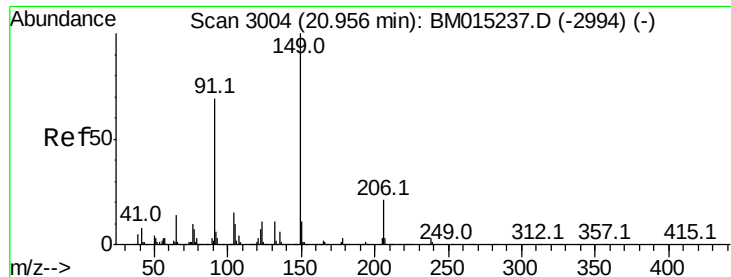
Tot Ion:202 Resp: 438731
Ion Ratio Lower Upper
202 100
200 20.4 16.9 25.3
203 17.2 14.1 21.1



#78
Terphenyl-d14
Concen: 93.689 ng
RT: 20.29 min Scan# 2890
Delta R.T. 0.00 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Tgt Ion:244 Resp: 3856094
Ion Ratio Lower Upper
244 100
212 7.3 4.9 7.3#
122 11.4 6.2 9.4#

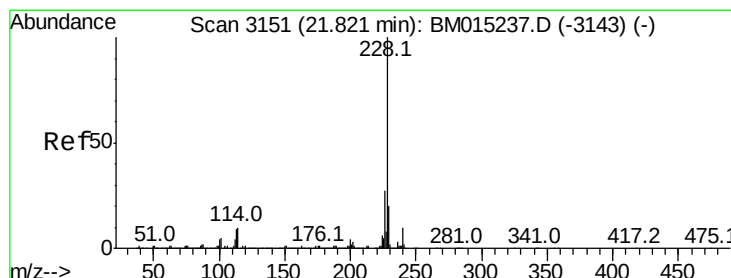
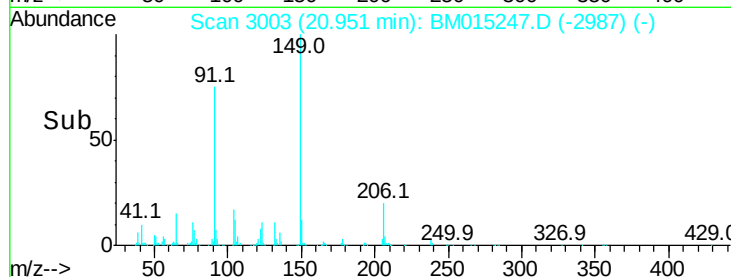
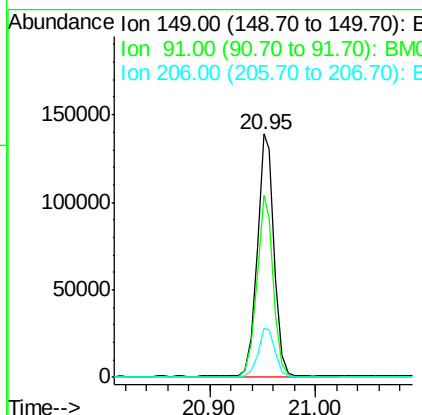
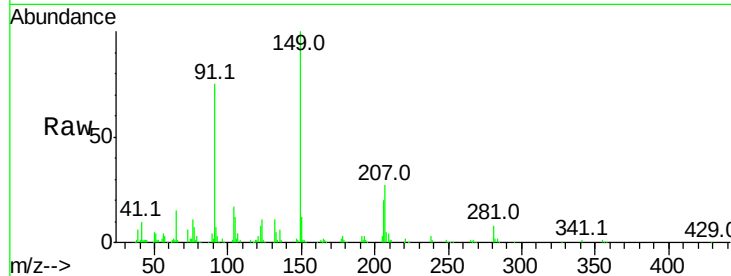




#79
Butylbenzylphthalate
Concen: 6.660 ng
RT: 20.95 min Scan# 3003
Delta R.T. -0.01 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

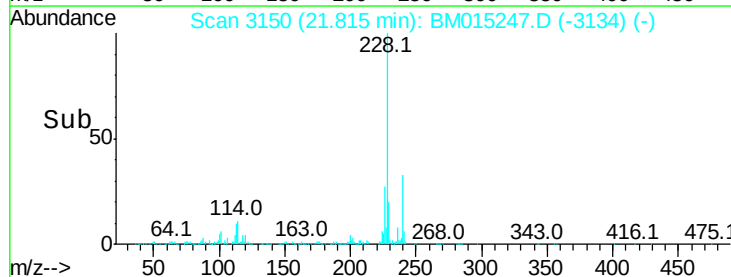
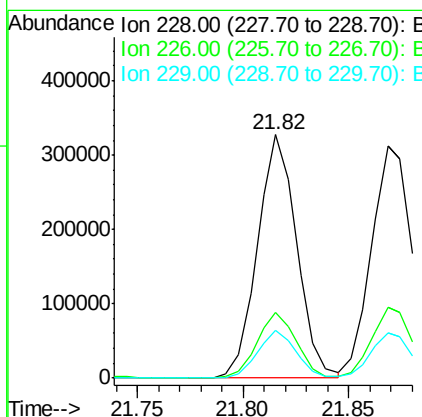
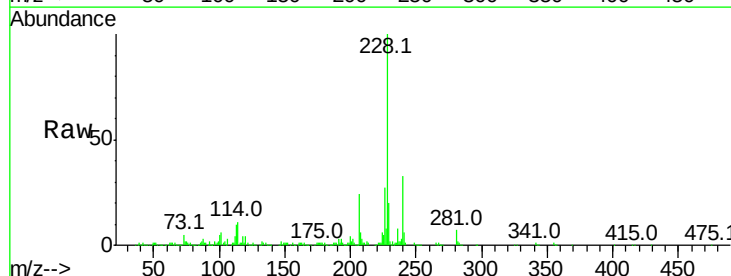
Instrument :
BNA_M
ClientSampleId :

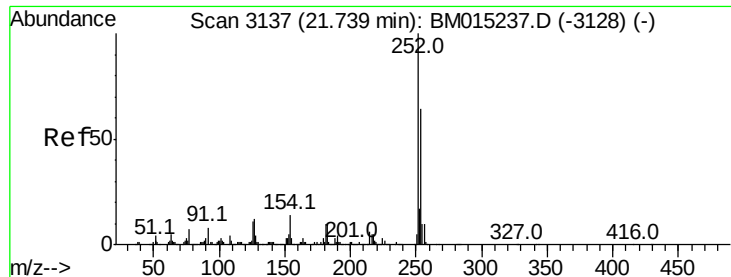
Tot Ion:149 Resp: 155990
Ion Ratio Lower Upper
149 100
91 74.7 50.1 75.1
206 20.1 16.2 24.2



#80
Benzo(a)anthracene
Concen: 7.404 ng
RT: 21.82 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BM015247.D
Acq: 22 May 2018 19:22

Tgt Ion:228 Resp: 424031
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.8 16.0 24.0

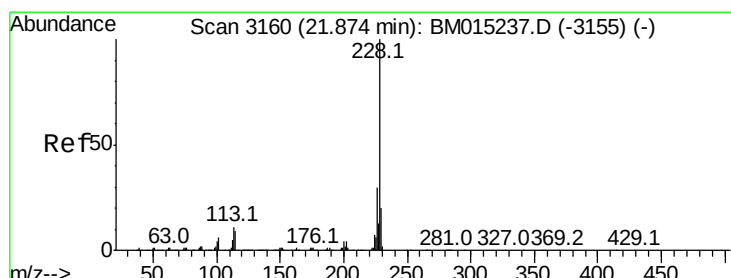
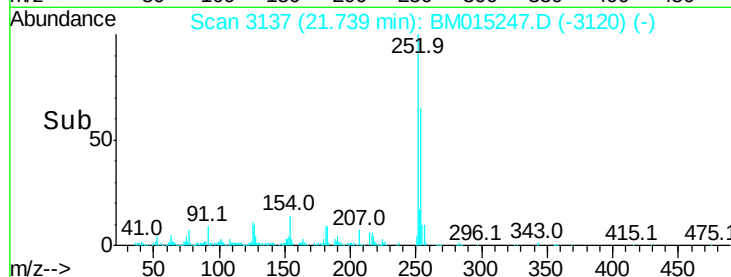
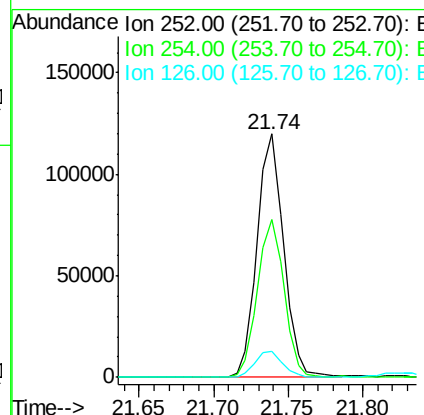
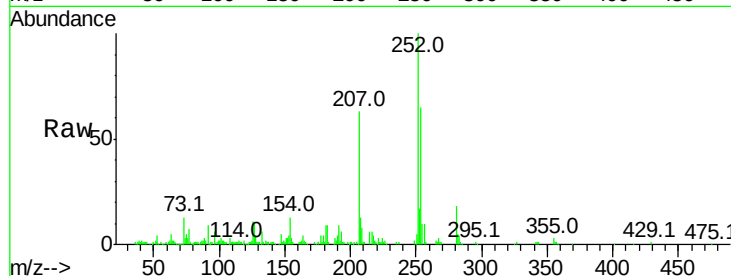




#81
 3,3'-Dichlorobenzidine
 Concen: 6.973 ng
 RT: 21.74 min Scan# 3137
 Delta R.T. 0.00 min
 Lab File: BM015247.D
 Acq: 22 May 2018 19:22

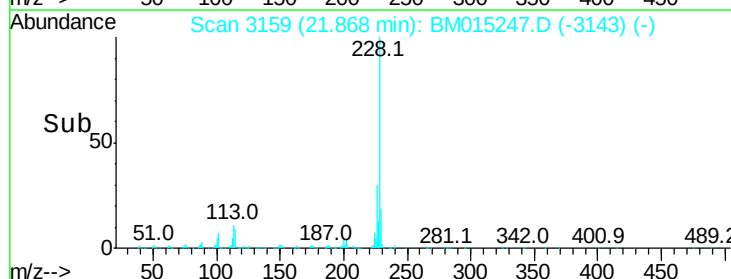
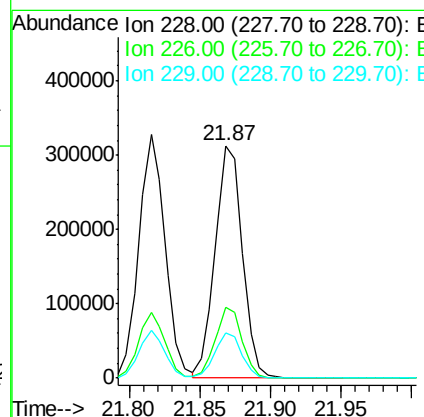
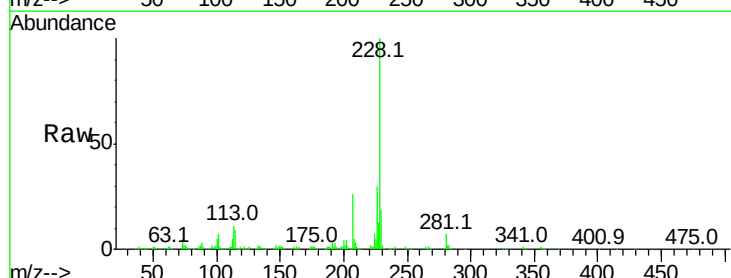
Instrument :
 BNA_M
 ClientSampleId :

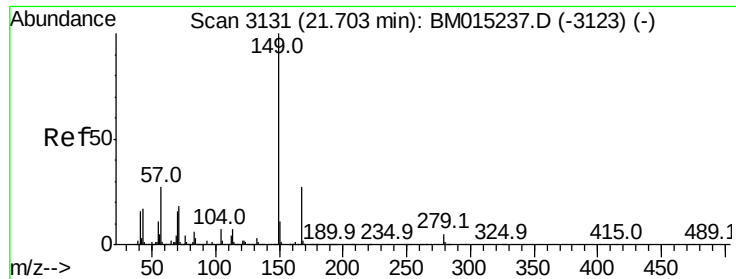
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.9	77.9
126	10.8	9.8	14.8



#82
 Chrysene
 Concen: 7.727 ng
 RT: 21.87 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BM015247.D
 Acq: 22 May 2018 19:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.4	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.728 ng

RT: 21.70 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampleId :

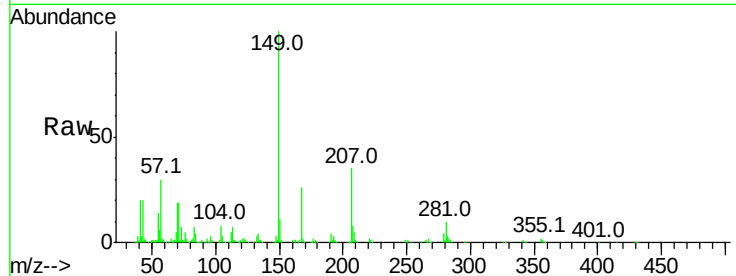
Tot Ion:149 Resp: 229198

Ion Ratio Lower Upper

149 100

167 26.2 22.4 33.6

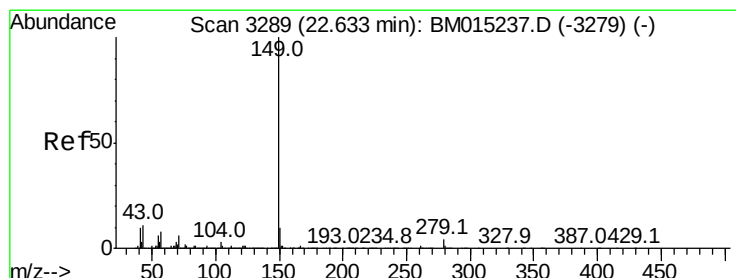
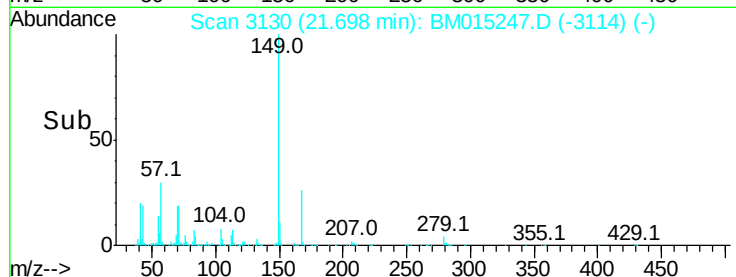
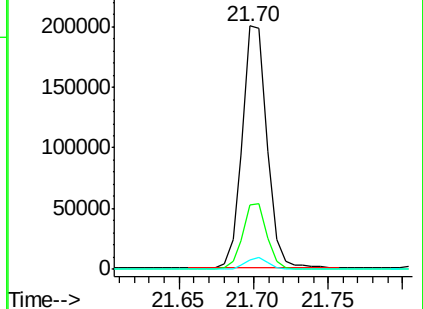
279 3.9 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 5.909 ng

RT: 22.63 min Scan# 3289

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

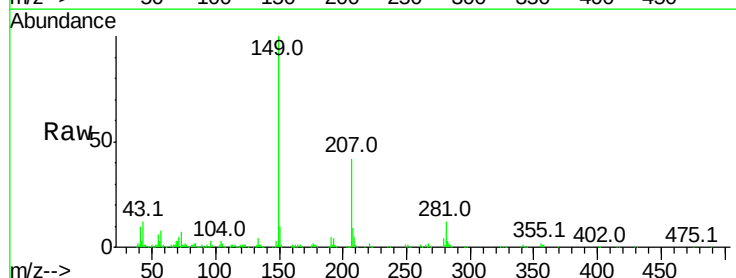
Tgt Ion:149 Resp: 352064

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

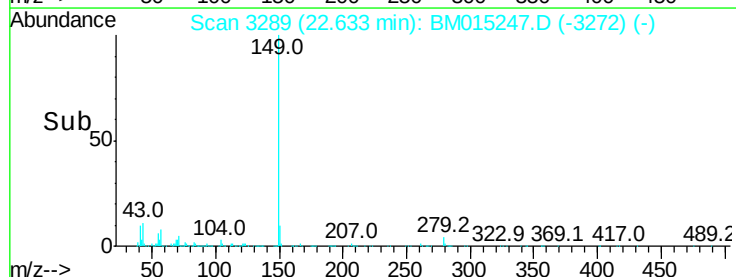
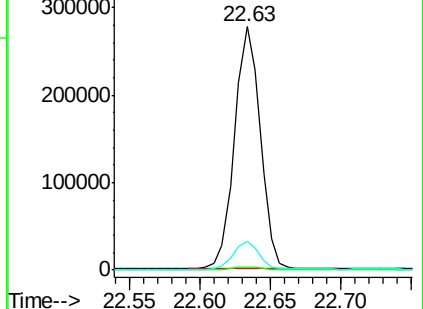
43 11.8 7.3 10.9#

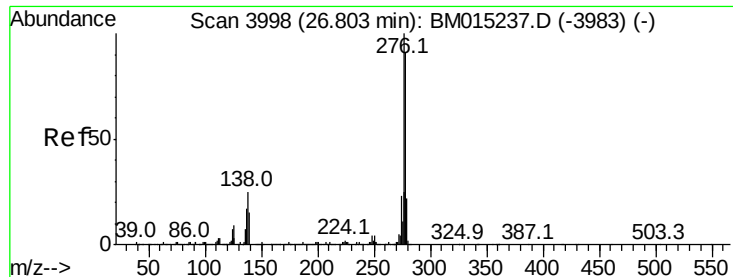


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

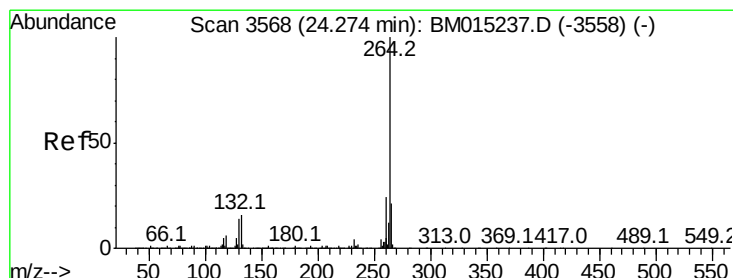
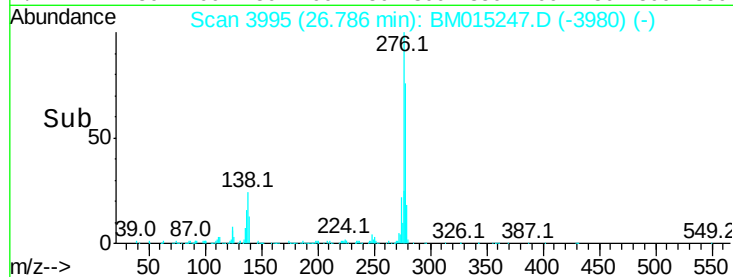
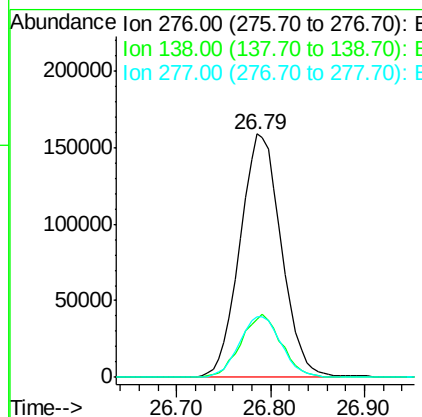
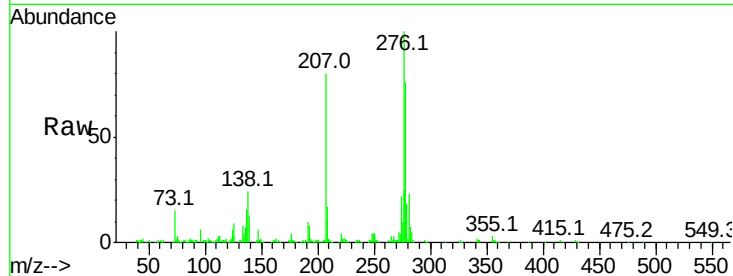




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.423 ng
 RT: 26.79 min Scan# 3995
 Delta R.T. -0.01 min
 Lab File: BM015247.D
 Acq: 22 May 2018 19:22

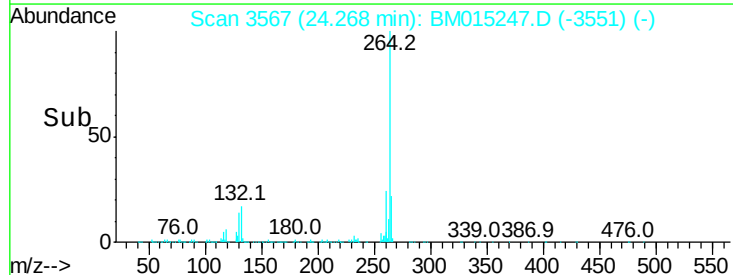
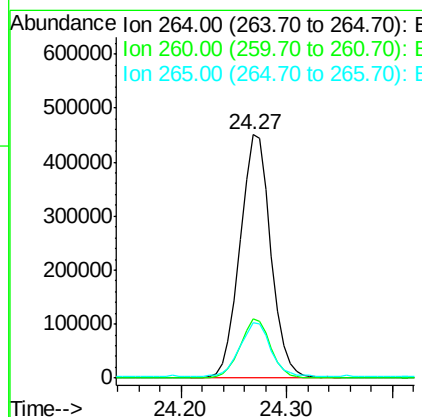
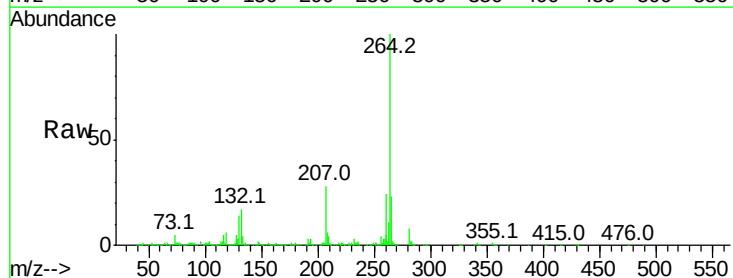
Instrument :
 BNA_M
 ClientSampleId :

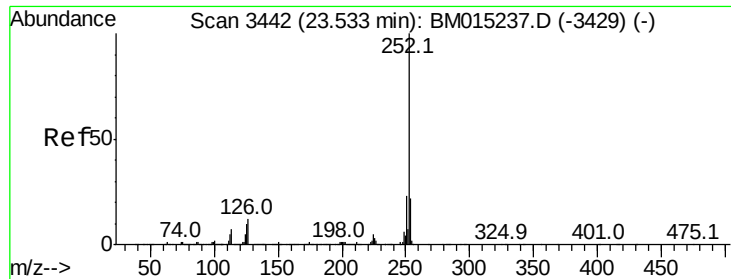
Tot Ion:	276	Resp:	484439
Ion	Ratio	Lower	Upper
276	100		
138	25.0	12.0	18.0#
277	25.3	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.27 min Scan# 3567
 Delta R.T. -0.01 min
 Lab File: BM015247.D
 Acq: 22 May 2018 19:22

Tgt Ion:	264	Resp:	911481
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	22.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 7.450 ng

RT: 23.53 min Scan# 3441

Delta R.T. 0.00 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampleId :

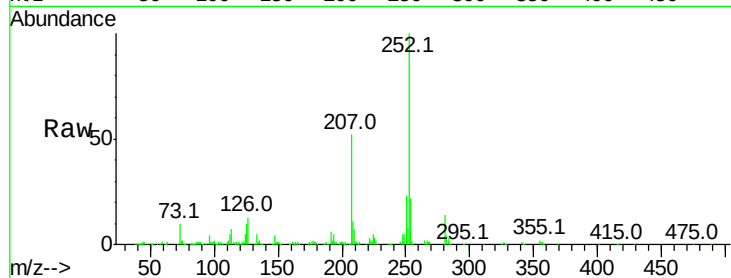
Tot Ion:252 Resp: 429665

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

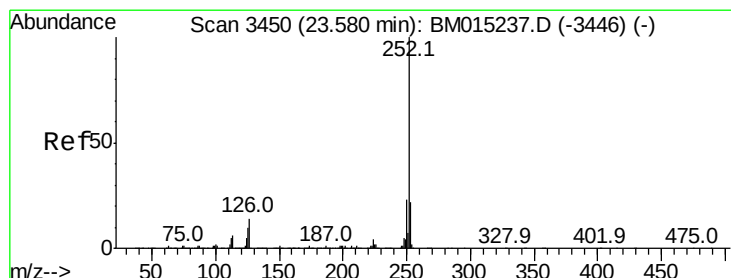
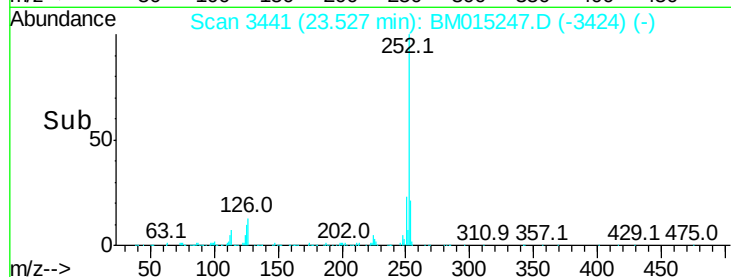
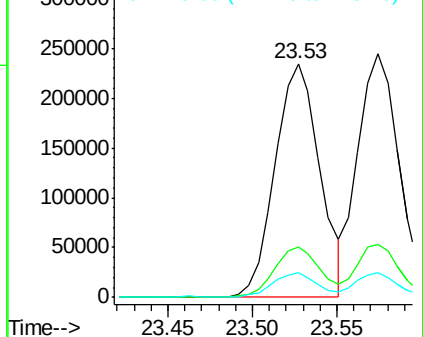
125 10.3 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 7.616 ng

RT: 23.57 min Scan# 3449

Delta R.T. -0.01 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

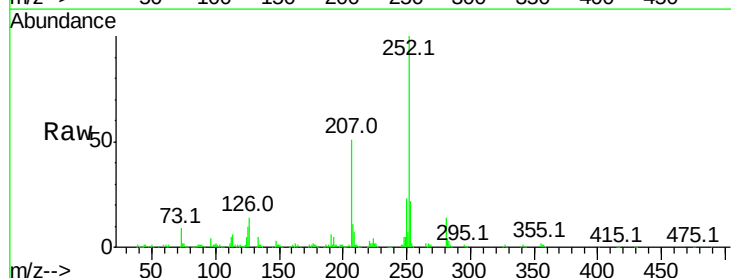
Tgt Ion:252 Resp: 415471

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

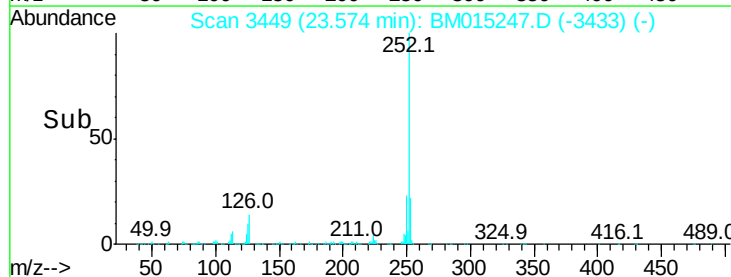
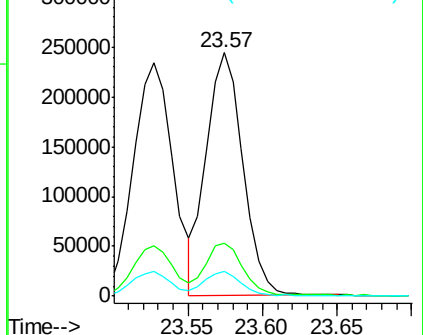
125 10.2 8.1 12.1

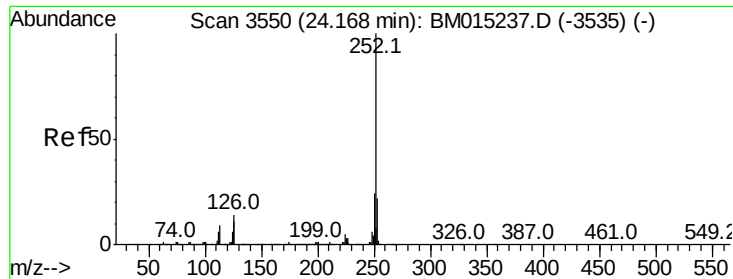


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 7.258 ng

RT: 24.16 min Scan# 3549

Delta R.T. -0.01 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampled :

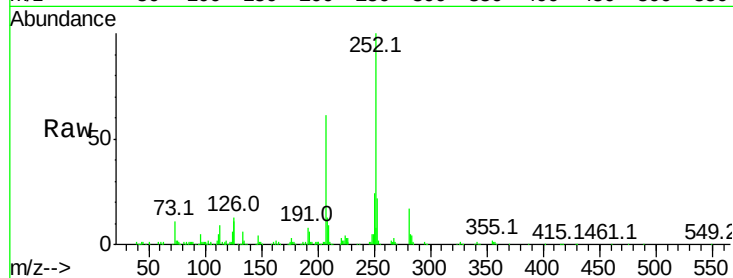
Tot Ion:252 Resp: 390443

Ion Ratio Lower Upper

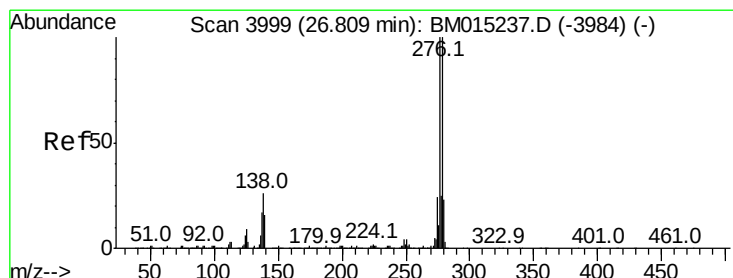
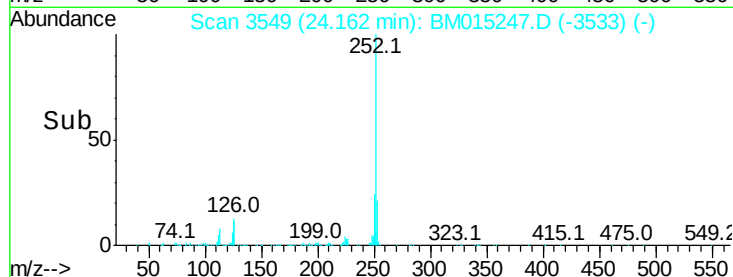
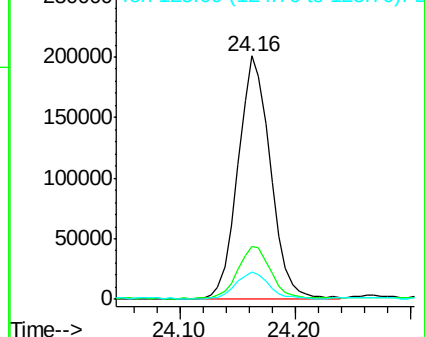
252 100

253 21.8 17.6 26.4

125 11.1 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: 7.483 ng

RT: 26.80 min Scan# 3997

Delta R.T. -0.01 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

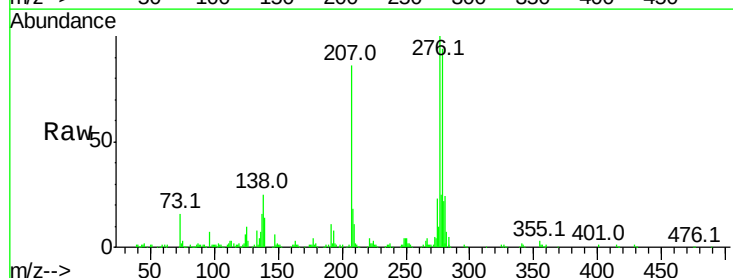
Tgt Ion:278 Resp: 410688

Ion Ratio Lower Upper

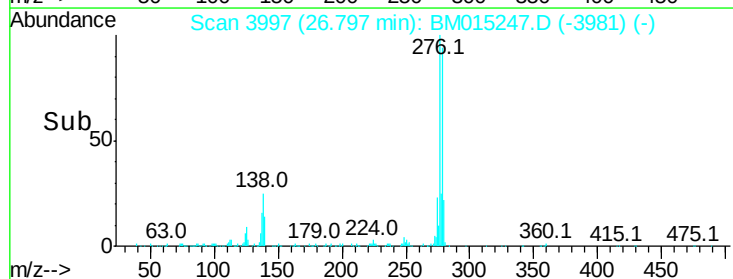
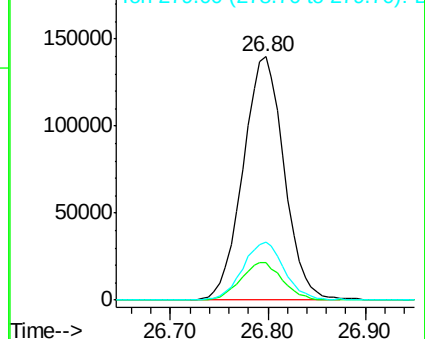
278 100

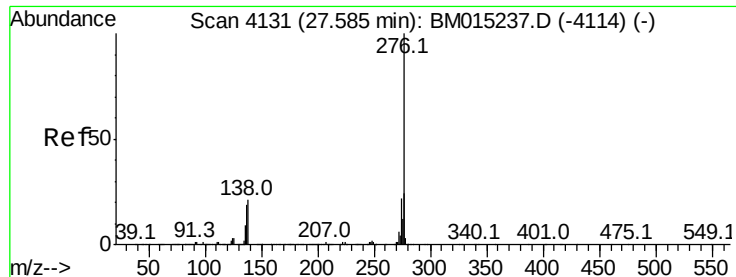
139 15.4 13.4 20.0

279 23.6 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 7.481 ng

RT: 27.56 min Scan# 4127

Delta R.T. -0.01 min

Lab File: BM015247.D

Acq: 22 May 2018 19:22

Instrument :

BNA_M

ClientSampleId :

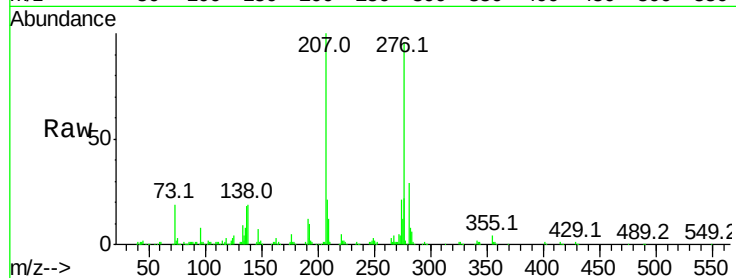
Tot Ion:276 Resp: 399899

Ion Ratio Lower Upper

276 100

277 22.7 18.5 27.7

138 20.2 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

