

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
 Data File : BM017162.D
 Acq On : 17 Oct 2018 11:01
 Operator : MJ/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 17 12:19:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 12:15:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	220908	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	960452	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	553368	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1300735	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1503761	20.00	ng	0.00
87) Perylene-d12	23.47	264	1498959	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	655660	59.63	ng	0.00
7) Phenol-d6	6.85	99	905435	57.84	ng	0.00
23) Nitrobenzene-d5	8.83	82	850346	52.73	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	369926	47.48	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2125076	49.71	ng	0.00
79) Terphenyl-d14	19.70	244	3443380	51.91	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	166522	34.834	ng	# 85
3) Pyridine	3.65	79	395125	36.601	ng	# 82
4) n-Nitrosodimethylamine	3.56	42	152416	41.747	ng	# 66
6) Aniline	7.01	93	561161	30.376	ng	98
8) 2-Chlorophenol	7.24	128	385223	26.544	ng	94
9) Benzaldehyde	6.83	77	313916	33.253	ng	94
10) Phenol	6.88	94	486975	29.647	ng	99
11) bis(2-Chloroethyl)ether	7.11	93	381555	28.554	ng	93
12) 1,3-Dichlorobenzene	7.56	146	438646	25.166	ng	98
13) 1,4-Dichlorobenzene	7.71	146	447632	25.049	ng	97
14) 1,2-Dichlorobenzene	8.02	146	433418	24.604	ng	98
15) Benzyl Alcohol	7.92	79	330298	30.651	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	545284	29.425	ng	97
17) 2-Methylphenol	8.12	107	314045	27.234	ng	97
18) Hexachloroethane	8.74	117	154529	23.000	ng	95
19) n-Nitroso-di-n-propylamine	8.48	70	298422	29.615	ng	98
20) 3+4-Methylphenols	8.45	107	428099	27.055	ng	98
22) Acetophenone	8.49	105	616087	26.902	ng	# 96
24) Nitrobenzene	8.87	77	454213	27.858	ng	92
25) Isophorone	9.39	82	693558	28.741	ng	97
26) 2-Nitrophenol	9.57	139	169194	23.562	ng	90
27) 2,4-Dimethylphenol	9.64	122	305986	27.168	ng	98
28) bis(2-Chloroethoxy)methane	9.87	93	489293	28.307	ng	99
29) 2,4-Dichlorophenol	10.10	162	356595	26.221	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	419063	24.471	ng	99
31) Naphthalene	10.50	128	1167920	24.703	ng	99
32) Benzoic acid	9.75	122	197711	25.179	ng	90
33) 4-Chloroaniline	10.62	127	513847	27.160	ng	97
34) Hexachlorobutadiene	10.78	225	258896	23.482	ng	99
35) Caprolactam	11.40	113	117738	27.406	ng	96
36) 4-Chloro-3-methylphenol	11.75	107	403105	28.150	ng	97
37) 2-Methylnaphthalene	12.12	142	822447	26.135	ng	99
38) 1-Methylnaphthalene	12.34	142	800460	26.025	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	488646	23.601	ng	99

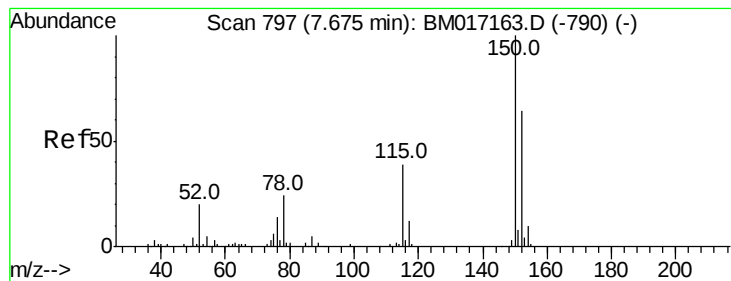
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	233433	23.035	ng	100
43) 2,4,6-Trichlorophenol	12.74	196	295082	26.179	ng	99
44) 2,4,5-Trichlorophenol	12.81	196	310580	25.350	ng	98
46) 1,1'-Biphenyl	13.15	154	1258354	24.906	ng	100
47) 2-Chloronaphthalene	13.18	162	934183	24.815	ng	99
48) 2-Nitroaniline	13.40	65	218514	29.725	ng	97
49) Acenaphthylene	14.03	152	1380761	25.552	ng	99
50) Dimethylphthalate	13.78	163	1102278	26.122	ng	99
51) 2,6-Dinitrotoluene	13.90	165	235300	25.198	ng	89
52) Acenaphthene	14.38	154	846735	24.982	ng	98
53) 3-Nitroaniline	14.23	138	248945	26.098	ng	89
54) 2,4-Dinitrophenol	14.44	184	97648	22.850	ng	96
55) Dibenzofuran	14.72	168	1405005	24.638	ng	98
56) 4-Nitrophenol	14.54	139	199146	24.872	ng	92
57) 2,4-Dinitrotoluene	14.69	165	305658	24.096	ng	95
58) Fluorene	15.37	166	1061429	25.189	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	289111	25.047	ng	98
60) Diethylphthalate	15.15	149	1096552	25.428	ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	592898	24.257	ng	97
62) 4-Nitroaniline	15.40	138	253736	26.330	ng	96
63) Azobenzene	15.66	77	1100902	27.138	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	166963	22.508	ng	93
66) n-Nitrosodiphenylamine	15.59	169	1000059	25.791	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	364306	24.891	ng	96
68) Hexachlorobenzene	16.37	284	412059	23.382	ng	98
69) Atrazine	16.54	200	346573	27.745	ng	98
70) Pentachlorophenol	16.72	266	272118	23.197	ng	98
71) Phenanthrene	17.11	178	1749782	24.522	ng	99
72) Anthracene	17.20	178	1702290	25.604	ng	99
73) Carbazole	17.47	167	1746060	25.771	ng	99
74) Di-n-butylphthalate	18.04	149	1717387	25.418	ng	100
75) Fluoranthene	19.13	202	2019264	25.228	ng	98
77) Benzidine	19.32	184	930770	44.359	ng	98
78) Pyrene	19.49	202	2163228	27.364	ng	100
80) Butylbenzylphthalate	20.40	149	628836	27.698	ng	90
81) Benzo(a)anthracene	21.24	228	2140797	25.239	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	786184	29.127	ng	100
83) Chrysene	21.30	228	2124554	25.352	ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	1048697	26.878	ng	100
85) Di-n-octyl phthalate	22.06	149	1744634	26.072	ng	97
86) Indeno(1,2,3-cd)pyrene	25.69	276	2311902	22.910	ng	100
88) Benzo(b)fluoranthene	22.81	252	2081786	25.193	ng	100
89) Benzo(k)fluoranthene	22.86	252	2113542	25.429	ng	99
90) Benzo(a)pyrene	23.38	252	1962616	24.798	ng	100
91) Dibenzo(a,h)anthracene	25.70	278	1941603	23.713	ng	100
92) Benzo(g,h,i)perylene	26.37	276	1908169	23.619	ng	99

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

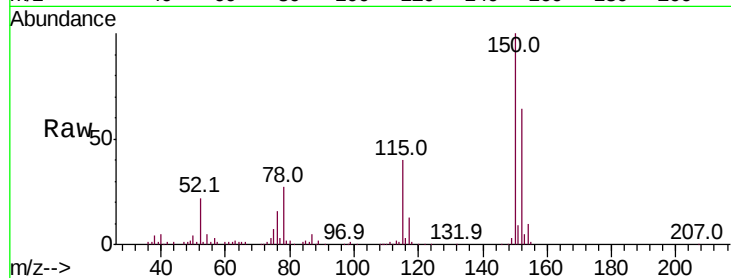


#1

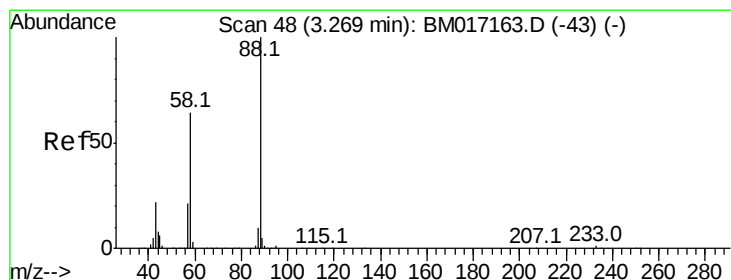
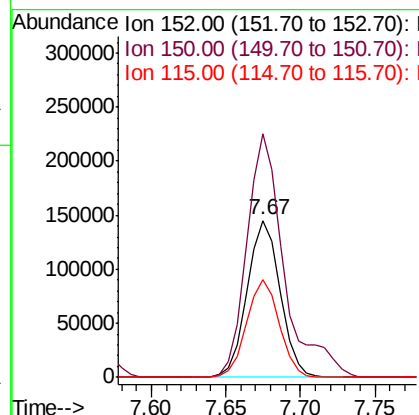
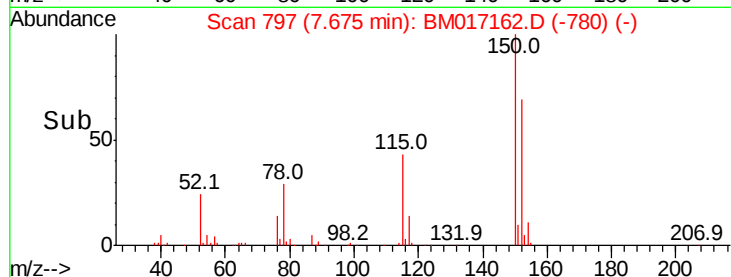
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.00 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 220908
Ion Ratio Lower Upper
152 100
150 155.5 124.3 186.5
115 62.3 48.1 72.1



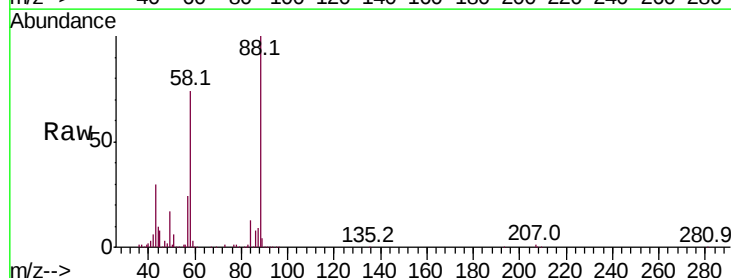
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



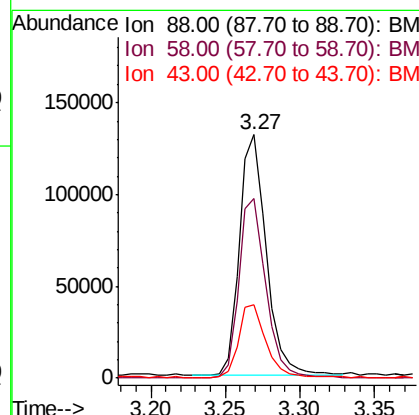
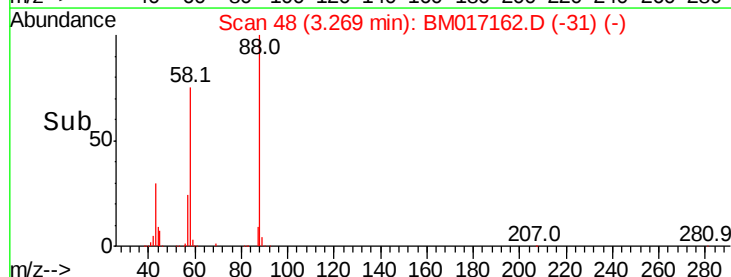
#2

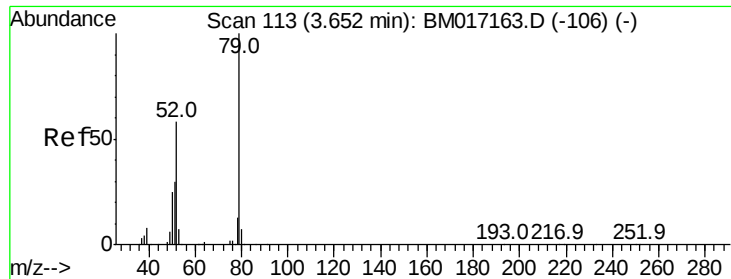
1,4-Dioxane
Concen: 34.834 ng
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Tgt Ion: 88 Resp: 166522
Ion Ratio Lower Upper
88 100
58 74.9 50.2 75.4
43 30.5 19.3 28.9#



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: 36.601 ng

RT: 3.65 min Scan# 113

Delta R.T. -0.00 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Instrument :

BNA_M

ClientSampleId :

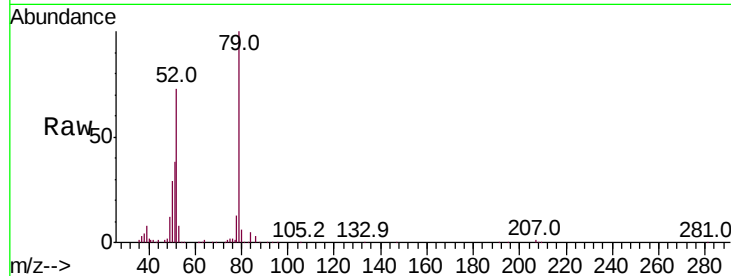
Tot Ion: 79 Resp: 395125

Ion Ratio Lower Upper

79 100

52 73.4 46.5 69.7#

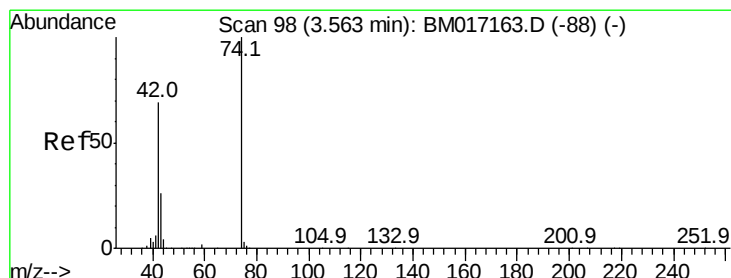
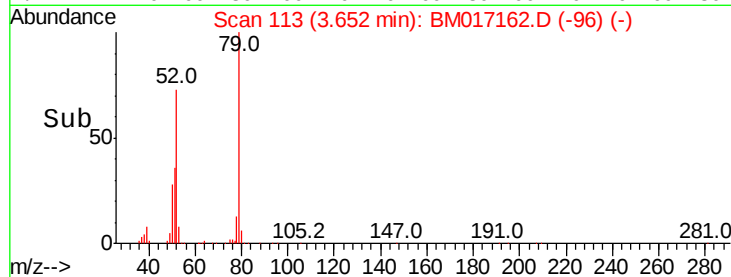
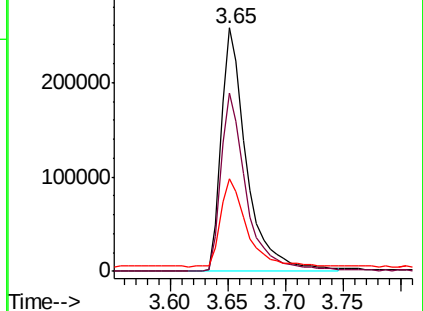
51 38.0 24.6 37.0#



Abundance Ion 79.00 (78.70 to 79.70): BM017162.D (-96) (-)

Ion 52.00 (51.70 to 52.70): BM017162.D (-96) (-)

Ion 51.00 (50.70 to 51.70): BM017162.D (-96) (-)



#4

n-Nitrosodimethylamine

Concen: 41.747 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.00 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

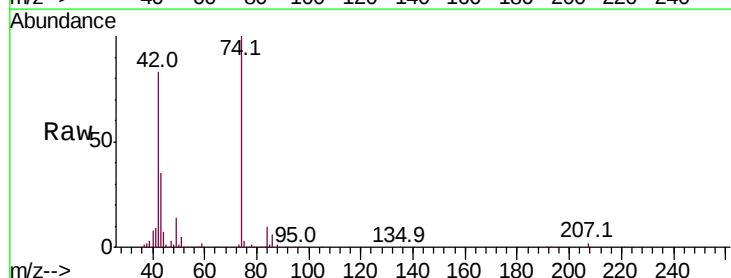
Tgt Ion: 42 Resp: 152416

Ion Ratio Lower Upper

42 100

74 119.9 114.4 171.6

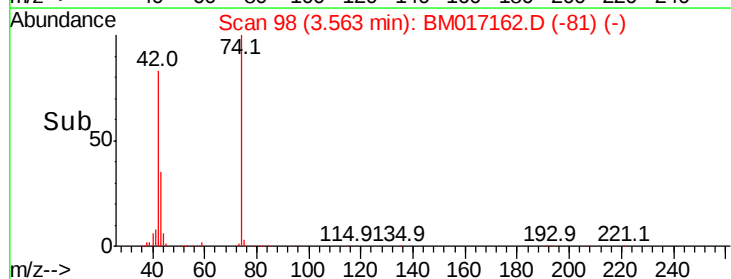
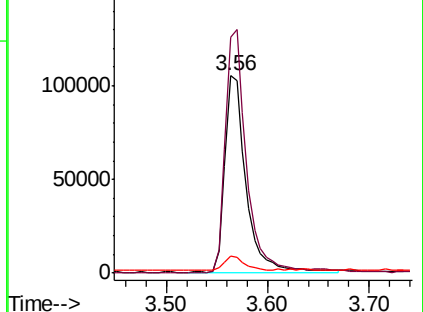
44 8.7 48.6 73.0#

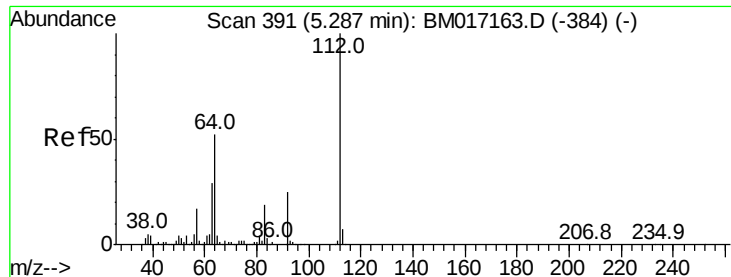


Abundance Ion 42.00 (41.70 to 42.70): BM017162.D (-81) (-)

Ion 74.00 (73.70 to 74.70): BM017162.D (-81) (-)

Ion 44.00 (43.70 to 44.70): BM017162.D (-81) (-)





#5

2-Fluorophenol

Concen: 59.630 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Instrument :

BNA_M

ClientSampleId :

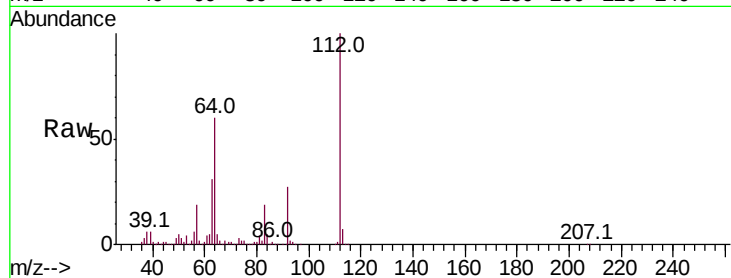
Tot Ion:112 Resp: 655660

Ion Ratio Lower Upper

112 100

64 59.5 41.7 62.5

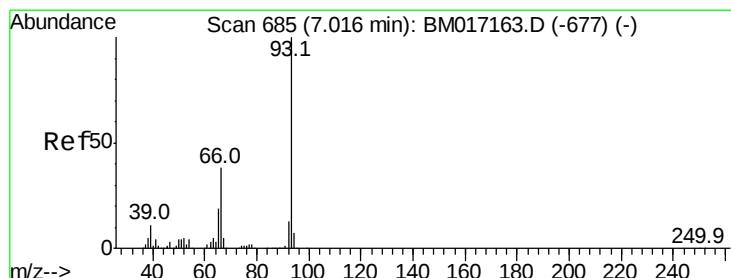
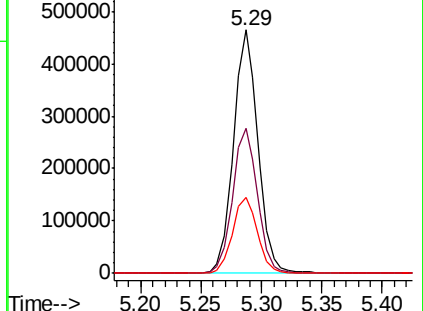
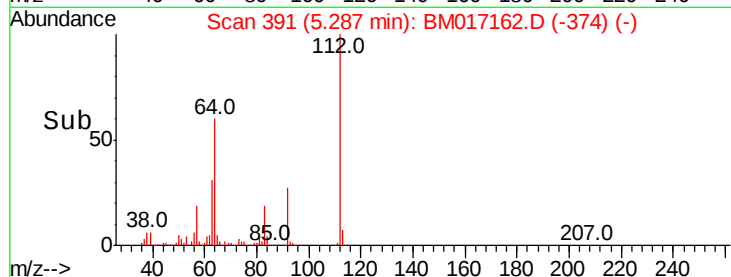
63 31.5 23.0 34.4



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: 30.376 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

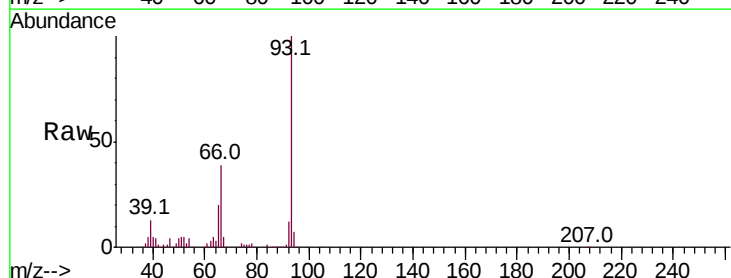
Tgt Ion: 93 Resp: 561161

Ion Ratio Lower Upper

93 100

66 39.3 30.4 45.6

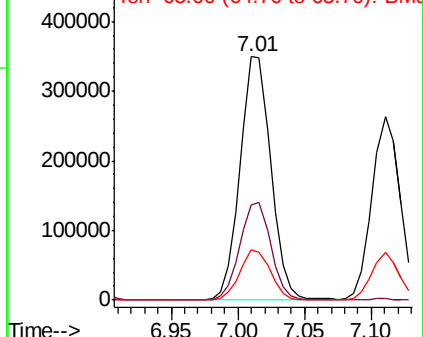
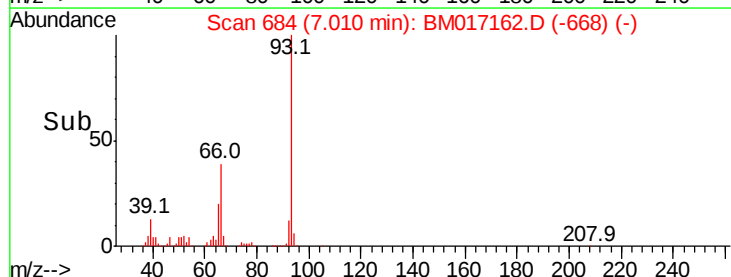
65 20.4 15.3 22.9

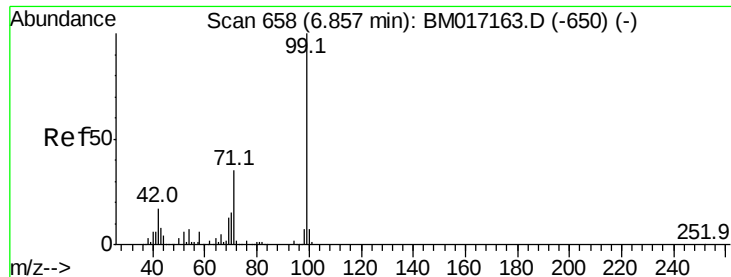


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 57.840 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Instrument :

BNA_M

ClientSampleId :

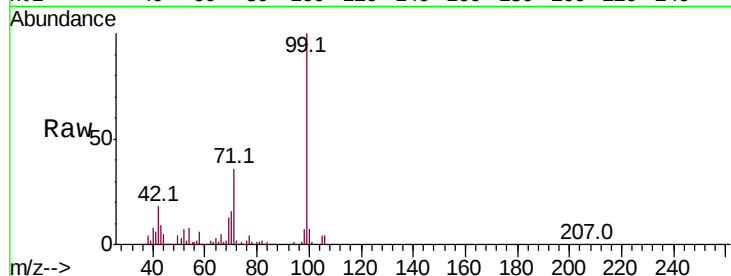
Tot Ion: 99 Resp: 905435

Ion Ratio Lower Upper

99 100

42 18.4 13.3 19.9

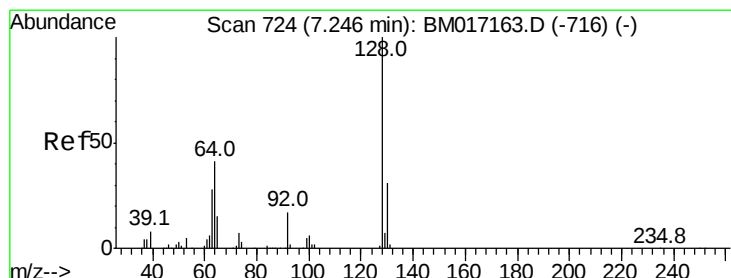
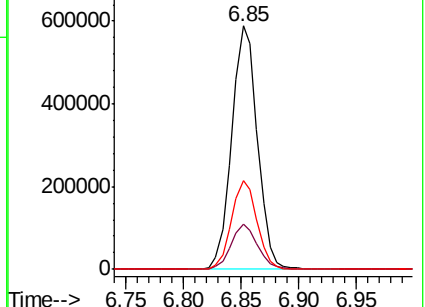
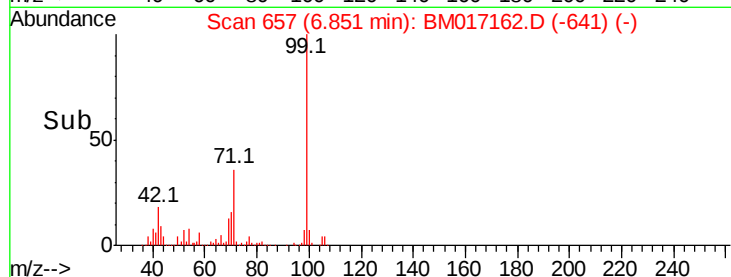
71 36.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#8

2-Chlorophenol

Concen: 26.544 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

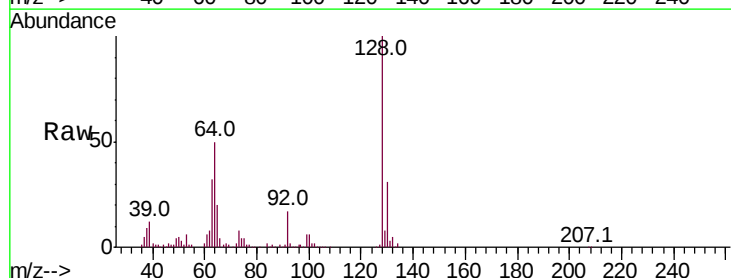
Tgt Ion: 128 Resp: 385223

Ion Ratio Lower Upper

128 100

130 30.8 11.0 51.0

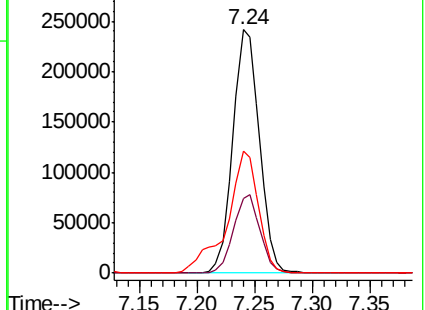
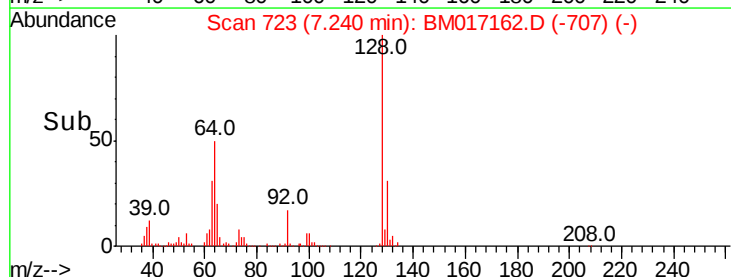
64 50.3 24.1 64.1

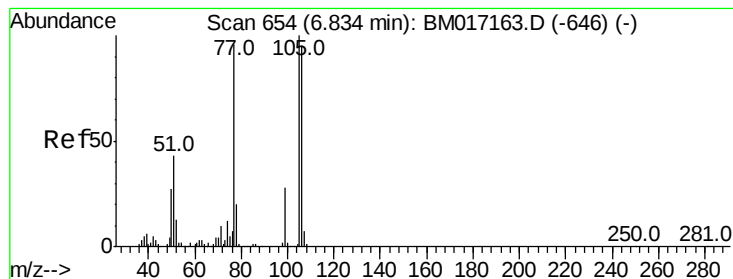


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

Ion 130.00 (129.70 to 130.70): BM017163.D (-716) (-)

Ion 64.00 (63.70 to 64.70): BM017163.D (-716) (-)





#9

Benzaldehyde

Concen: 33.253 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Instrument :

BNA_M

ClientSampled :

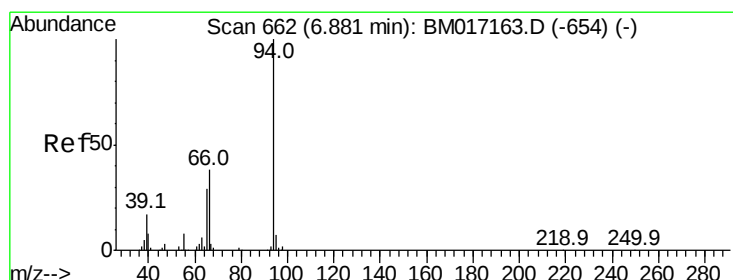
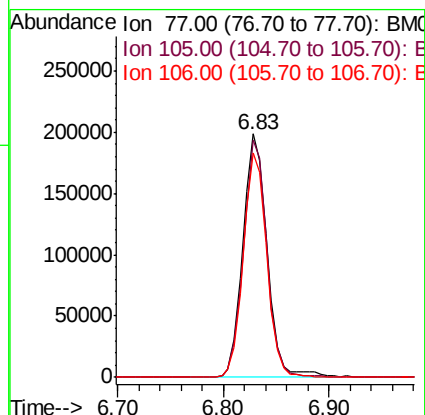
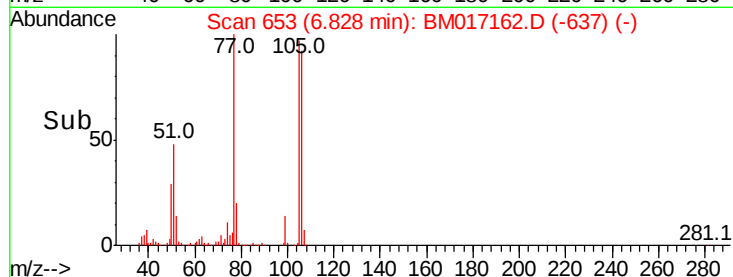
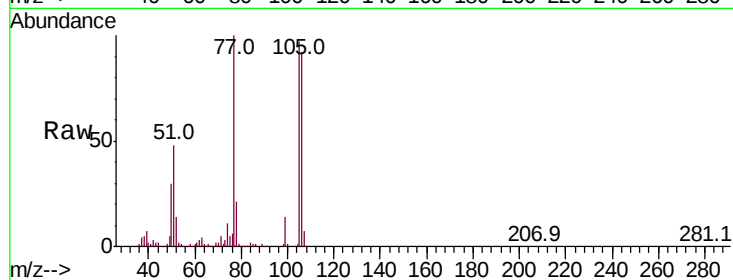
Tot Ion: 77 Resp: 313916

Ion Ratio Lower Upper

77 100

105 97.3 83.9 123.9

106 92.1 78.2 118.2



#10

Phenol

Concen: 29.647 ng

RT: 6.88 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

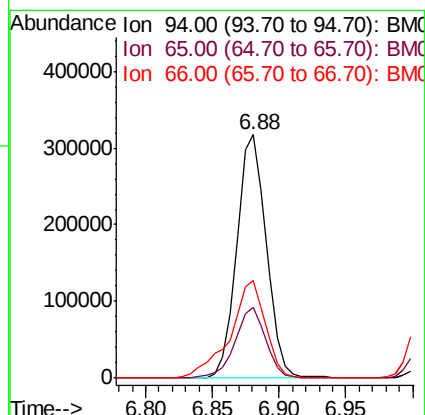
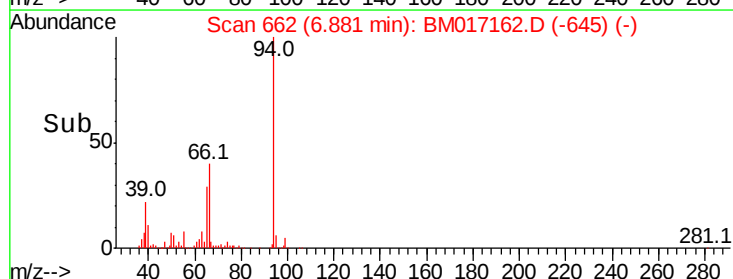
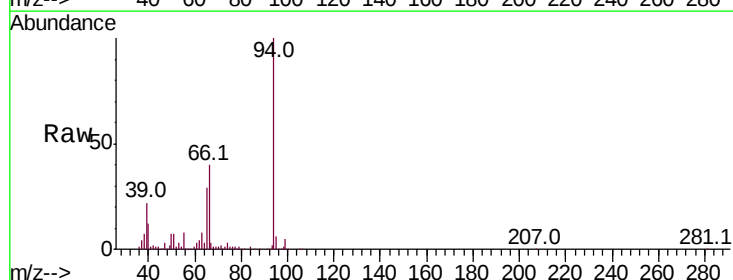
Tgt Ion: 94 Resp: 486975

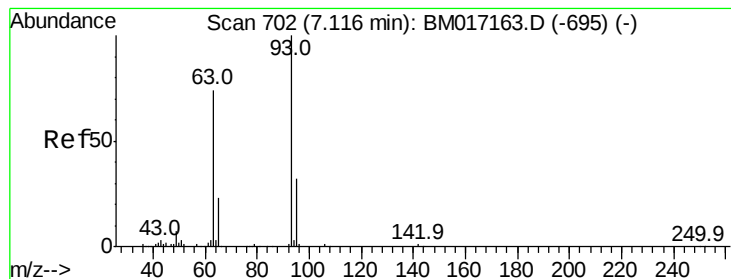
Ion Ratio Lower Upper

94 100

65 29.0 9.4 49.4

66 40.0 19.0 59.0

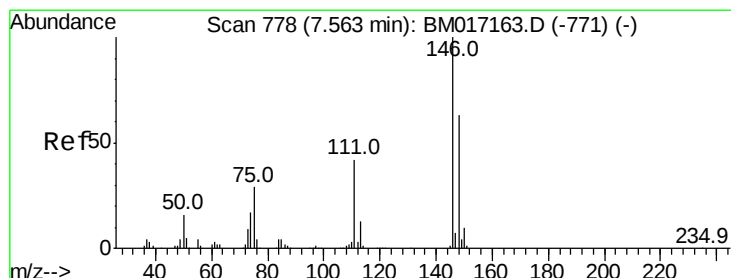
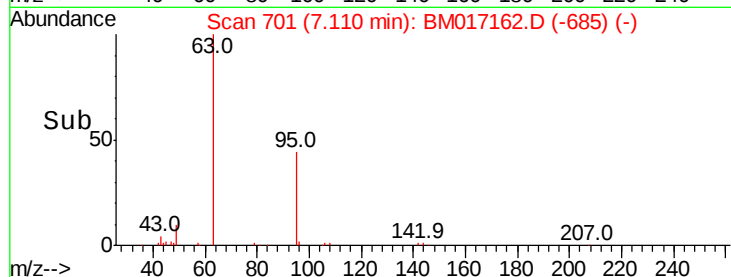
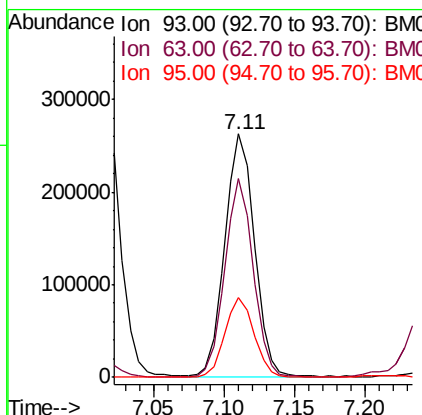
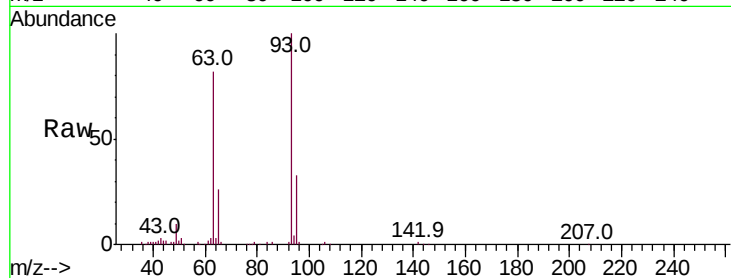




#11
bis(2-Chloroethyl)ether
Concen: 28.554 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

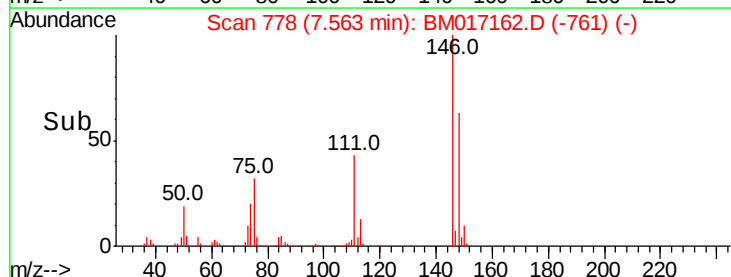
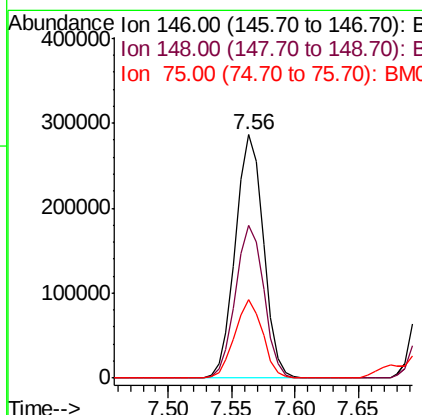
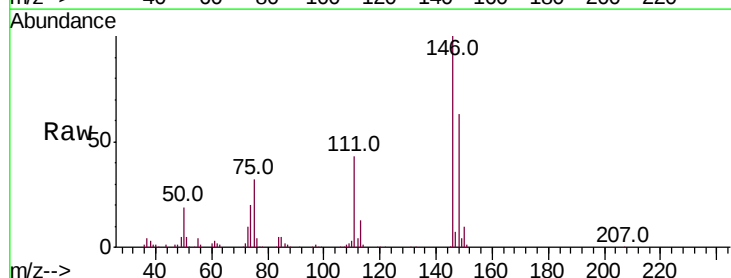
Instrument :
BNA_M
ClientSampleId :

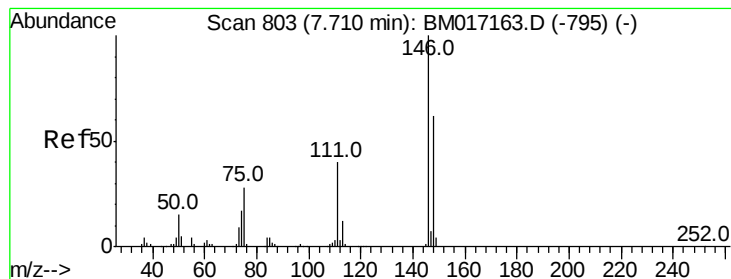
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.6	54.0	94.0
95	32.9	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 25.166 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.2	75.4
75	32.1	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 25.049 ng

RT: 7.71 min Scan# 803

Delta R.T. -0.00 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Instrument :

BNA_M

ClientSampleId :

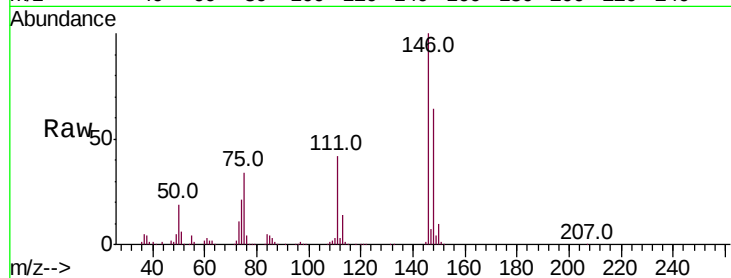
Tot Ion:146 Resp: 447632

Ion Ratio Lower Upper

146 100

148 63.9 49.8 74.6

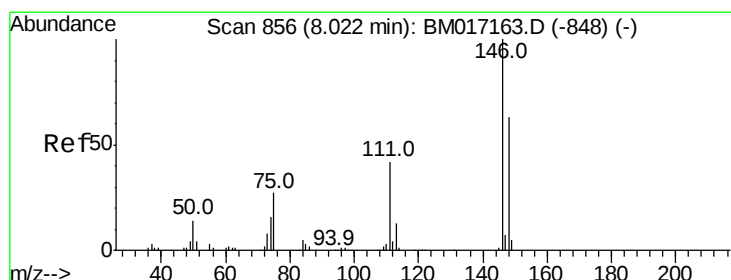
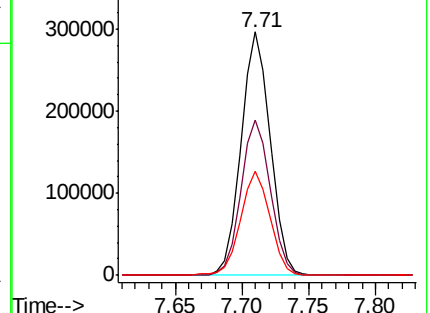
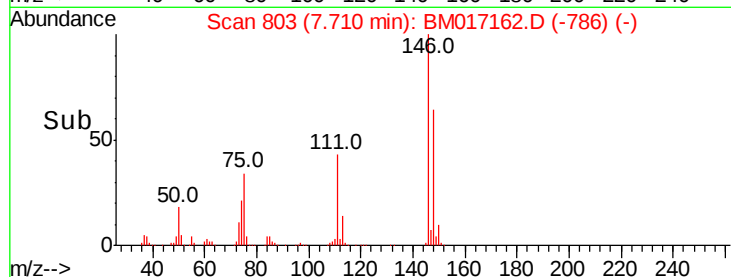
111 42.5 32.1 48.1



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: 24.604 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

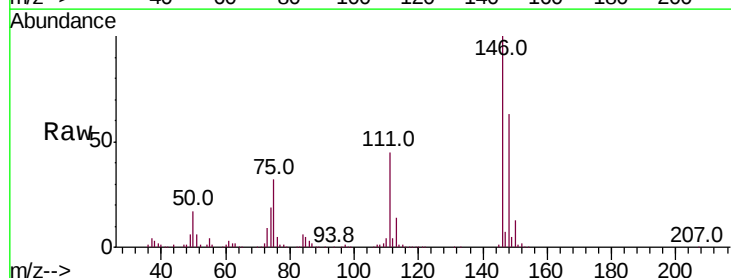
Tgt Ion:146 Resp: 433418

Ion Ratio Lower Upper

146 100

148 63.1 50.8 76.2

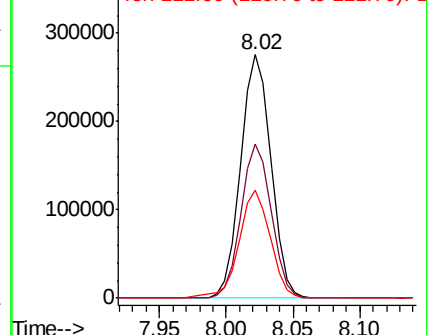
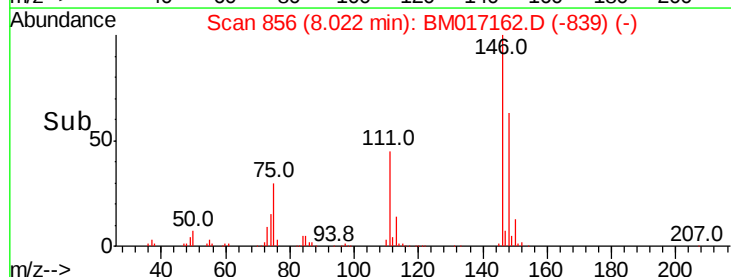
111 44.5 33.8 50.6

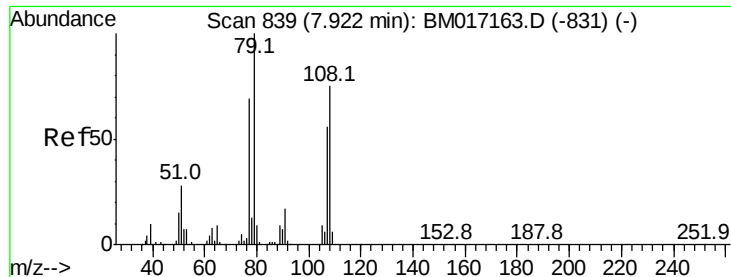


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.651 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Instrument :

BNA_M

ClientSampled :

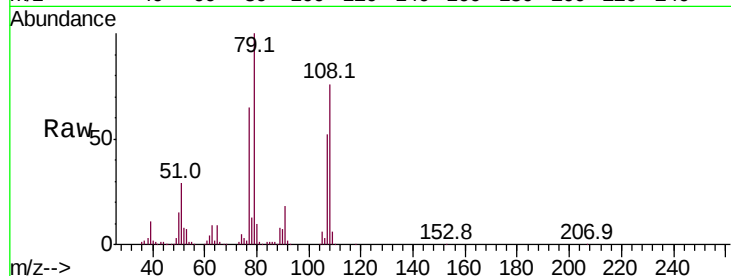
Tot Ion: 79 Resp: 330298

Ion Ratio Lower Upper

79 100

108 76.2 60.3 90.5

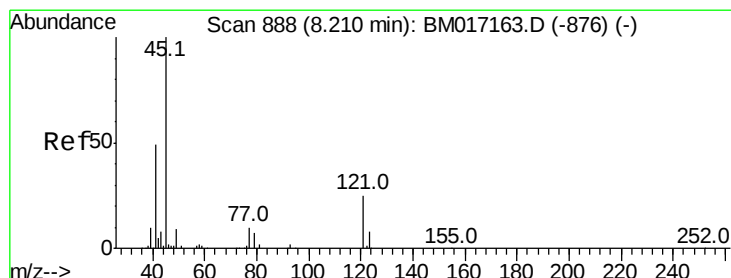
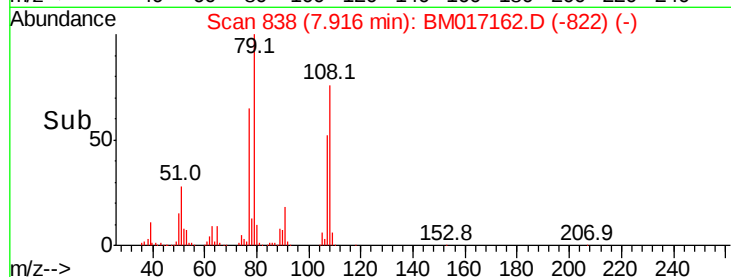
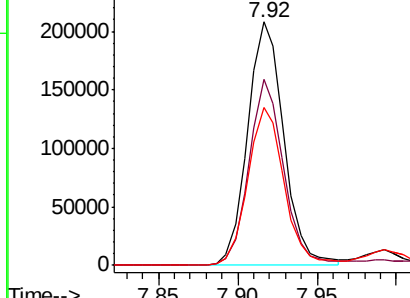
77 64.9 54.8 82.2



Abundance Ion 79.00 (78.70 to 79.70): BM017162.D (-822) (-)

Ion 108.00 (107.70 to 108.70): BM017162.D (-822) (-)

Ion 77.00 (76.70 to 77.70): BM017162.D (-822) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.425 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

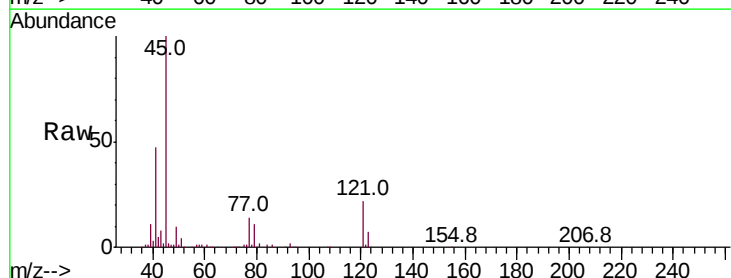
Tgt Ion: 45 Resp: 545284

Ion Ratio Lower Upper

45 100

77 14.4 0.0 35.5

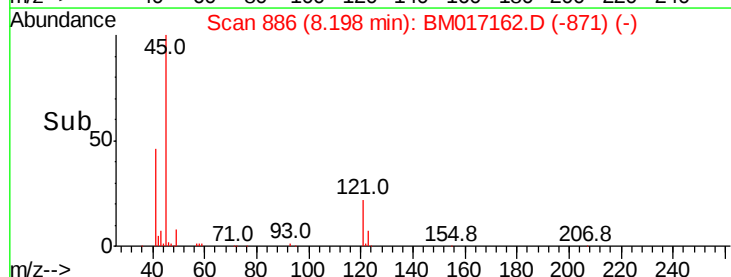
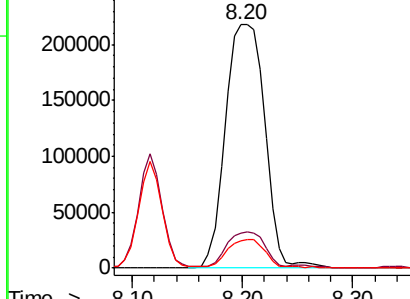
79 11.0 0.0 32.1

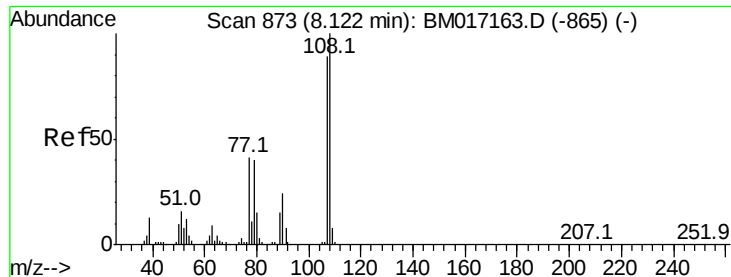


Abundance Ion 45.00 (44.70 to 45.70): BM017162.D (-871) (-)

Ion 77.00 (76.70 to 77.70): BM017162.D (-871) (-)

Ion 79.00 (78.70 to 79.70): BM017162.D (-871) (-)

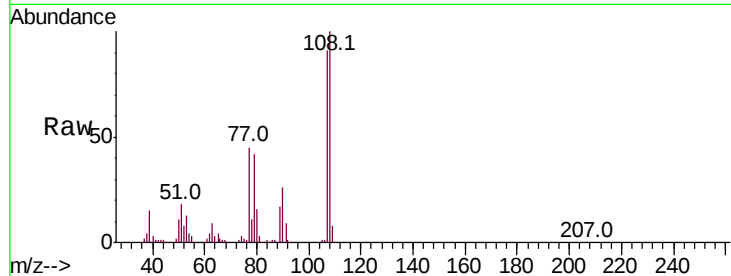




#17
2-Methylphenol
Concen: 27.234 ng
RT: 8.12 min Scan# 872
Delta R.T. -0.01 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.4	90.3	135.5
77	48.9	37.0	55.4
79	45.5	35.8	53.6



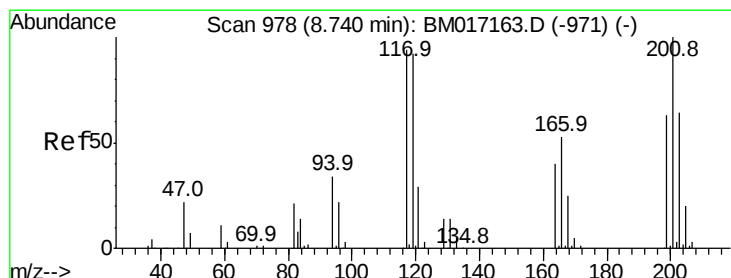
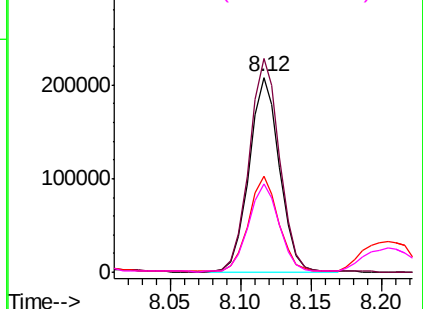
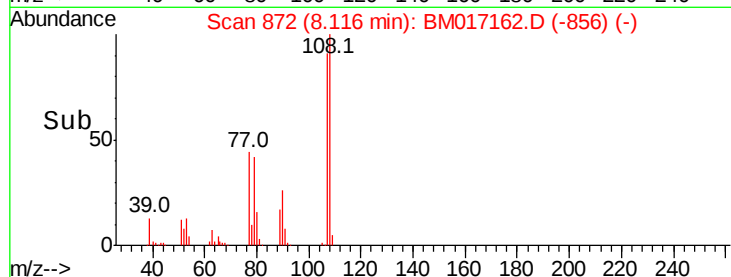
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

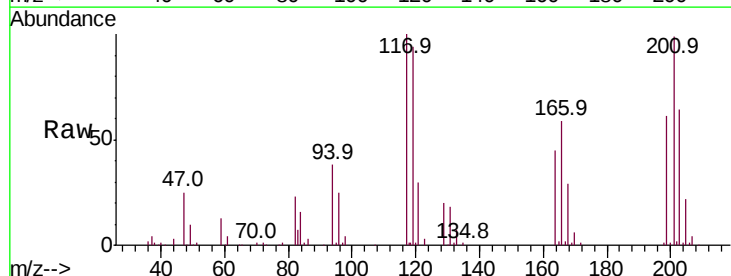
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 23.000 ng
RT: 8.74 min Scan# 978
Delta R.T. -0.00 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	78.2	117.2
201	99.3	85.3	127.9

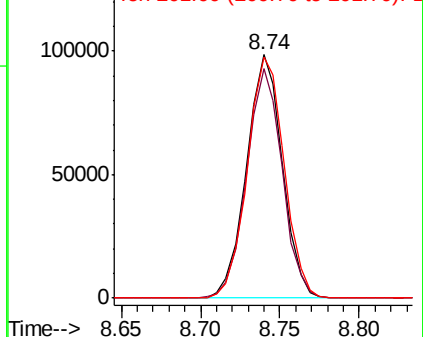
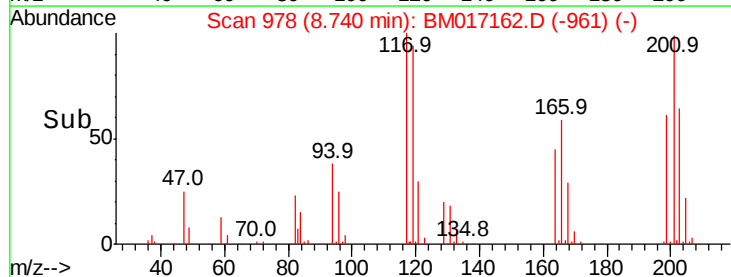


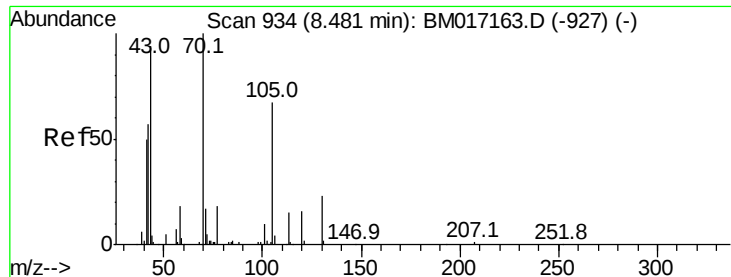
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

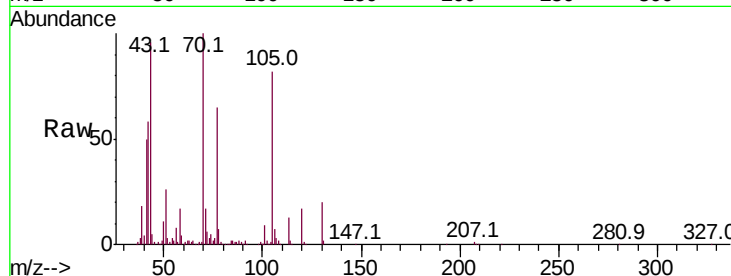




#19
n-Nitroso-di-n-propylamine
Concen: 29.615 ng
RT: 8.48 min Scan# 934
Delta R.T. -0.00 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.2	46.1	69.1
101	9.5	8.2	12.4
130	20.3	18.4	27.6



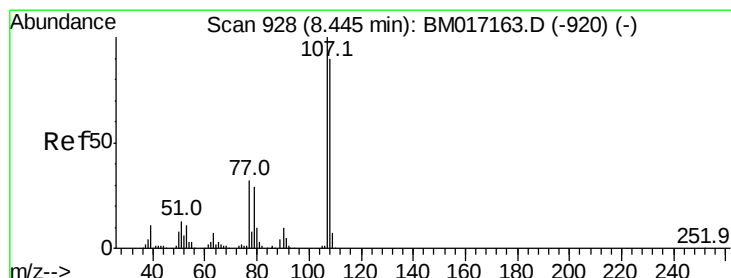
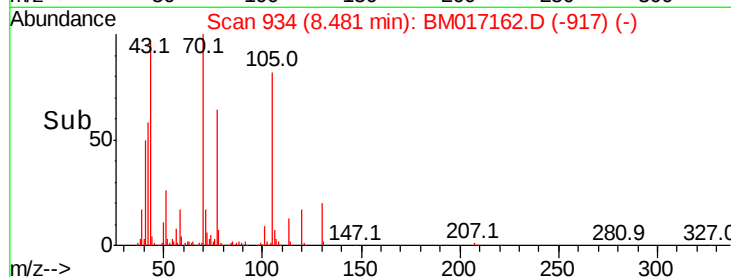
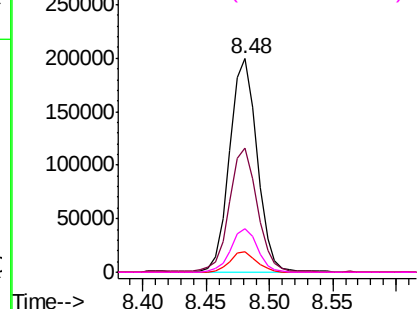
Abundance

Ion 70.00 (69.70 to 70.70): BM017162.D (-917) (-)

Ion 42.00 (41.70 to 42.70): BM017162.D (-917) (-)

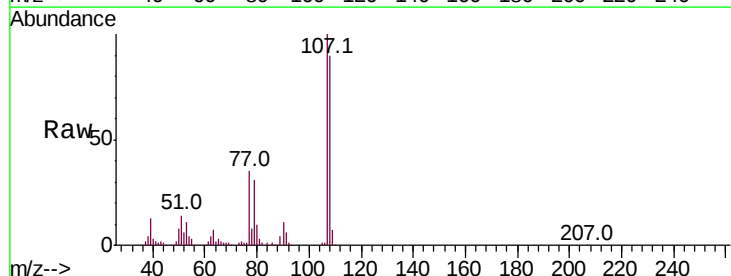
Ion 101.00 (100.70 to 101.70): BM017162.D (-917) (-)

Ion 130.00 (129.70 to 130.70): BM017162.D (-917) (-)



#20
3+4-Methylphenols
Concen: 27.055 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	69.9	109.9
77	35.1	12.2	52.2
79	31.1	9.0	49.0



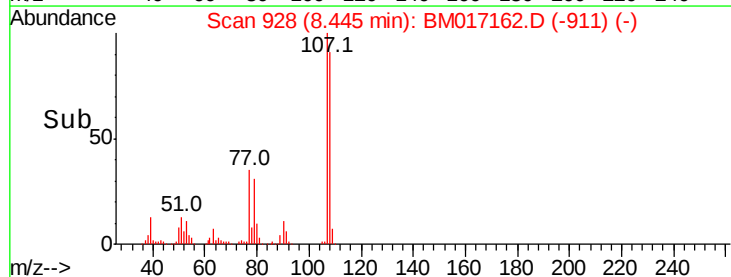
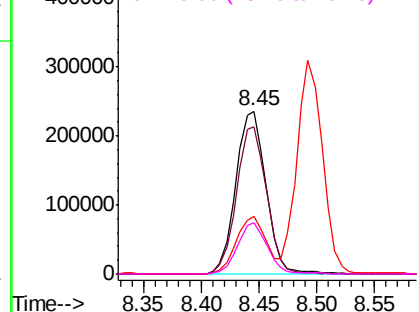
Abundance

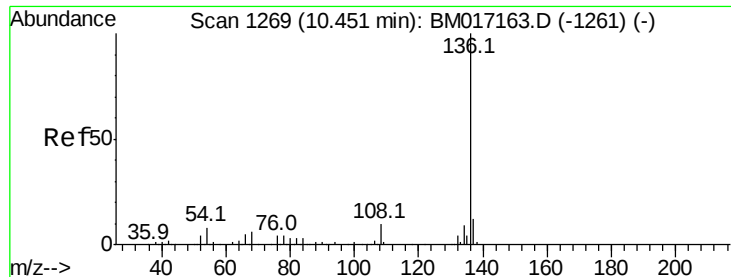
Ion 107.00 (106.70 to 107.70): BM017162.D (-911) (-)

Ion 108.00 (107.70 to 108.70): BM017162.D (-911) (-)

Ion 77.00 (76.70 to 77.70): BM017162.D (-911) (-)

Ion 79.00 (78.70 to 79.70): BM017162.D (-911) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 960452

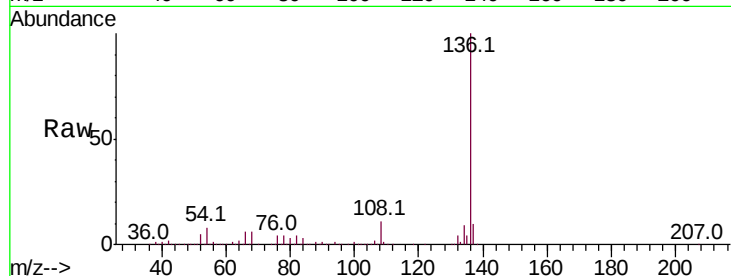
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 7.9 6.7 10.1

68 6.1 4.7 7.1

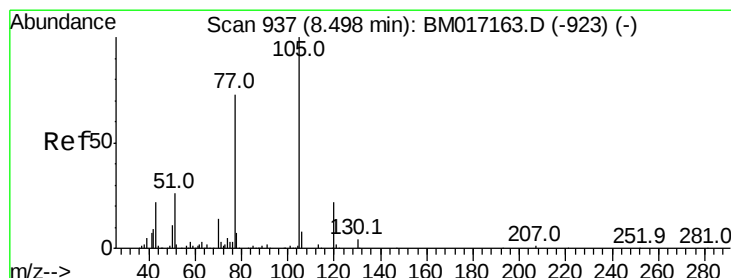
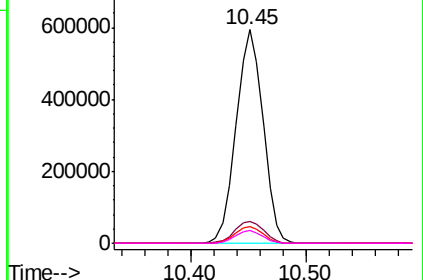
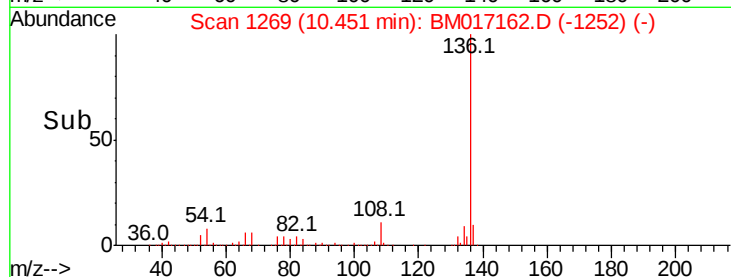


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 26.902 ng

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Tgt Ion:105 Resp: 616087

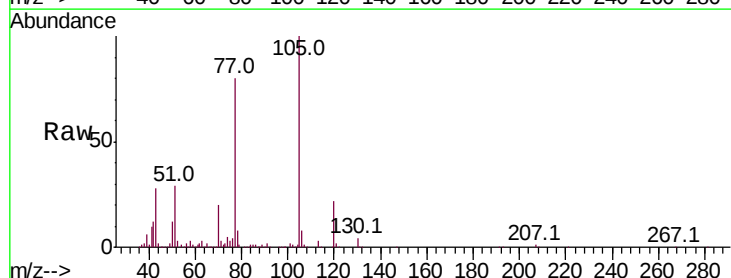
Ion Ratio Lower Upper

105 100

71 3.1 2.0 3.0#

51 28.8 20.6 31.0

120 22.3 17.5 26.3

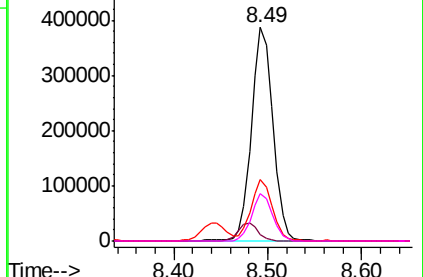
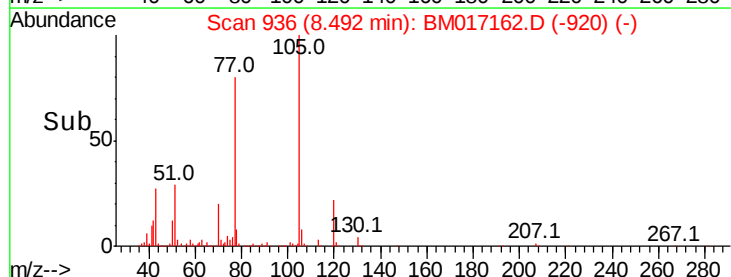


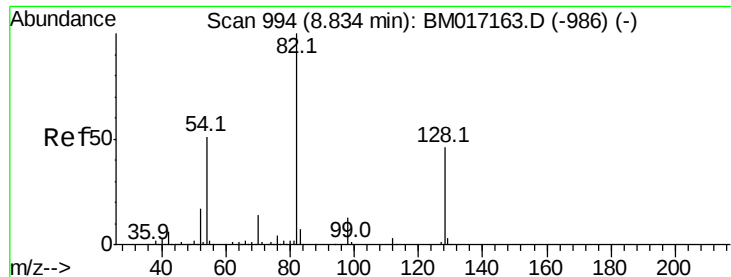
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

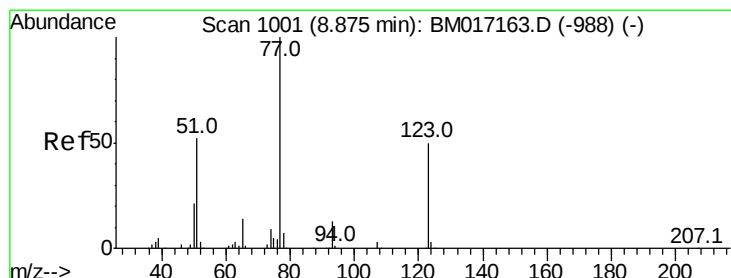
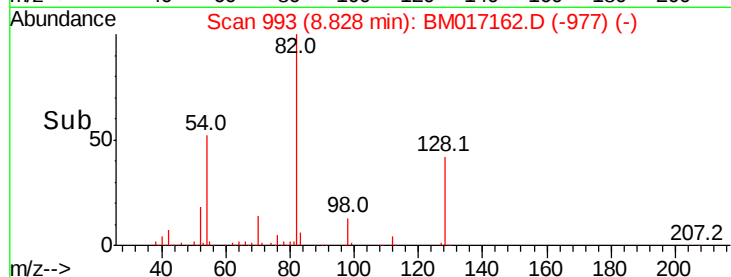
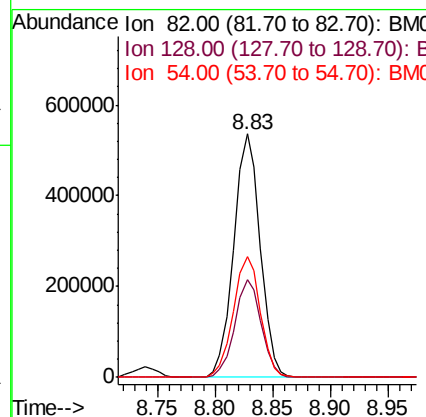
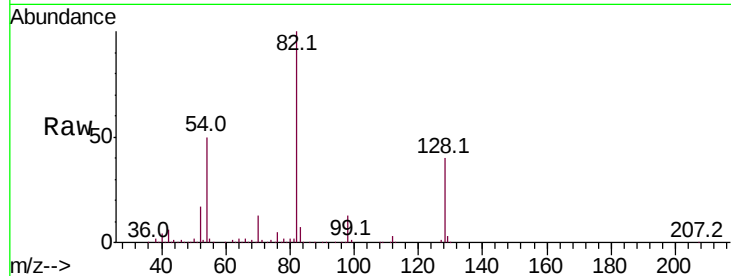




#23
Nitrobenzene-d5
Concen: 52.734 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

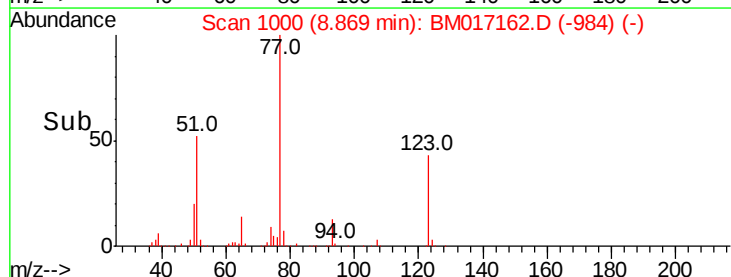
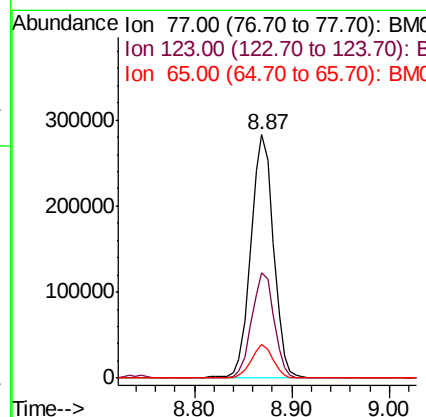
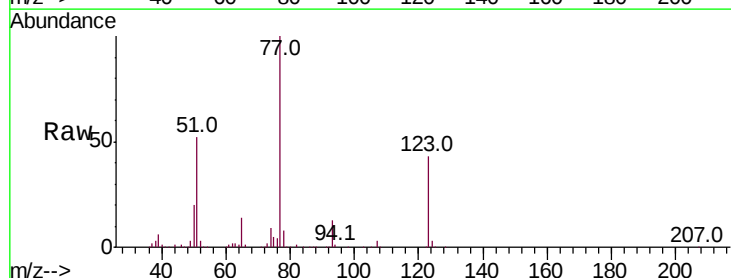
Instrument :
BNA_M
ClientSampleId :

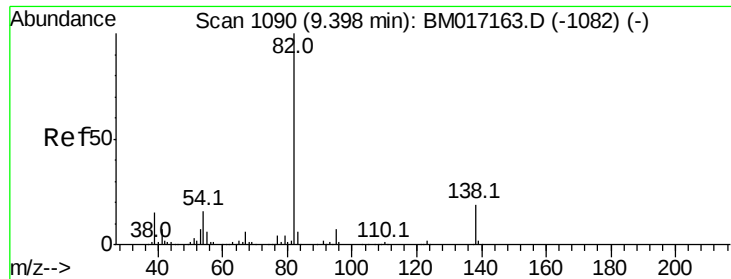
Tot Ion: 82 Resp: 850346
Ion Ratio Lower Upper
82 100
128 40.3 37.0 55.6
54 49.8 40.7 61.1



#24
Nitrobenzene
Concen: 27.858 ng
RT: 8.87 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Tgt Ion: 77 Resp: 454213
Ion Ratio Lower Upper
77 100
123 43.2 40.2 60.4
65 13.9 11.4 17.0





#25

Isophorone

Concen: 28.741 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Instrument :

BNA_M

ClientSampleId :

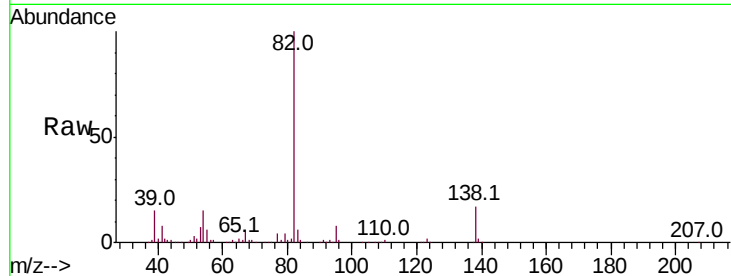
Tot Ion: 82 Resp: 693558

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

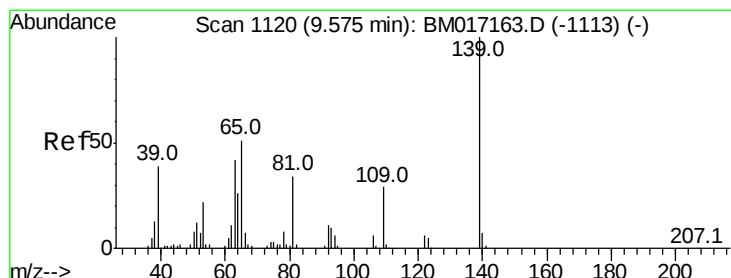
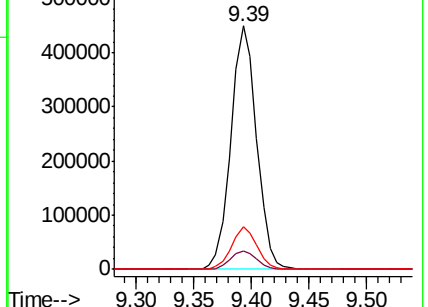
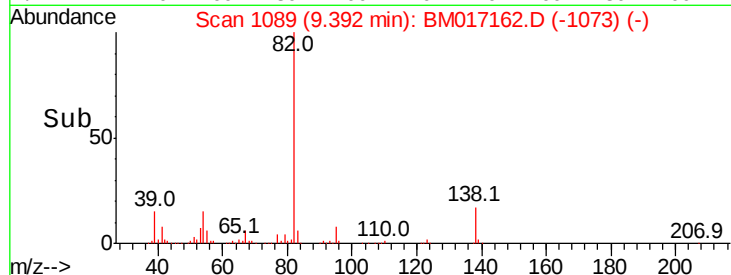
138 17.3 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BM017163.D (-1082) (-)



#26

2-Nitrophenol

Concen: 23.562 ng

RT: 9.57 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

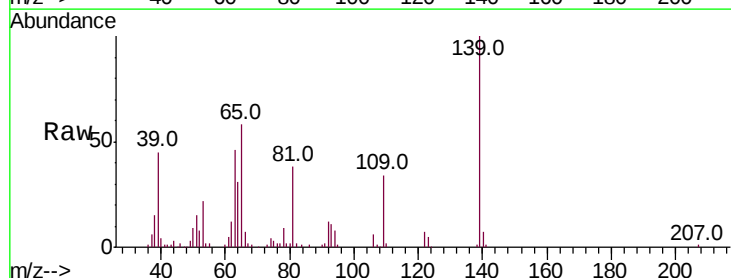
Tgt Ion: 139 Resp: 169194

Ion Ratio Lower Upper

139 100

109 33.6 23.2 34.8

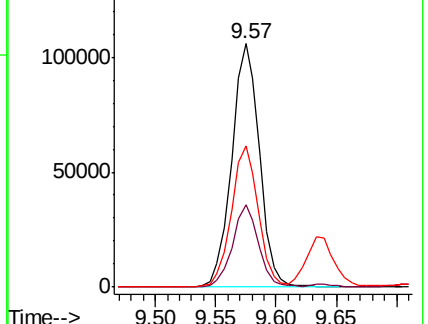
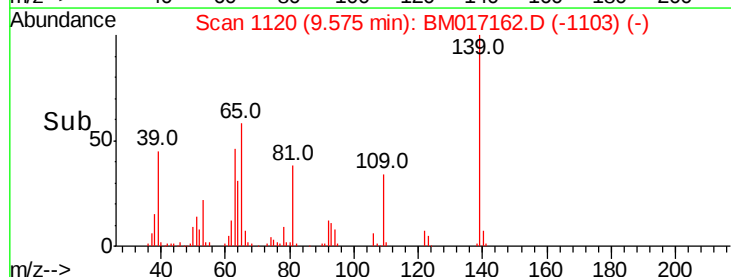
65 58.1 40.6 61.0

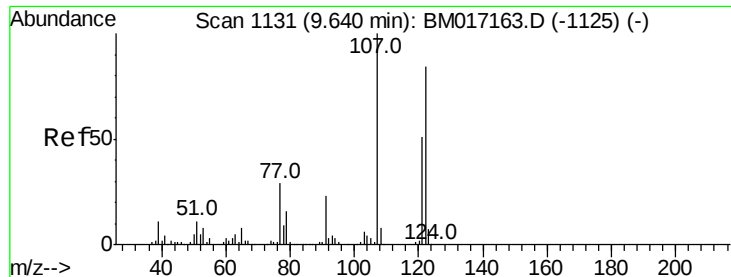


Abundance Ion 139.00 (138.70 to 139.70): BM017163.D (-1113) (-)

Ion 109.00 (108.70 to 109.70): BM017163.D (-1113) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-1113) (-)





#27

2,4-Dimethylphenol

Concen: 27.168 ng

RT: 9.64 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Instrument :

BNA_M

ClientSampleId :

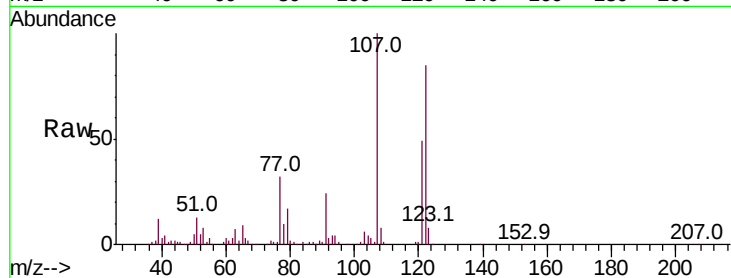
Tot Ion:122 Resp: 305986

Ion Ratio Lower Upper

122 100

107 117.5 95.0 142.6

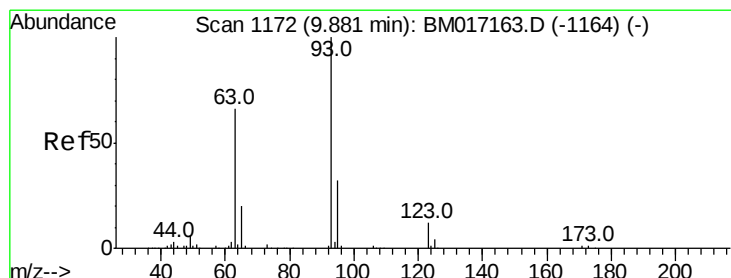
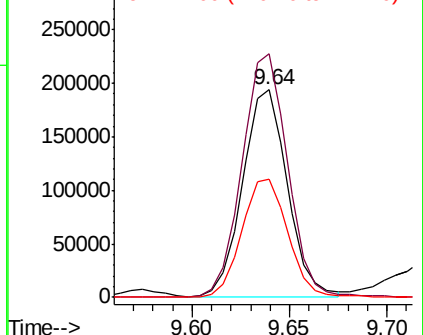
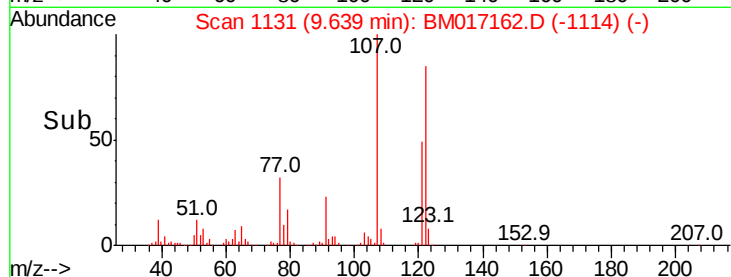
121 57.1 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 28.307 ng

RT: 9.87 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

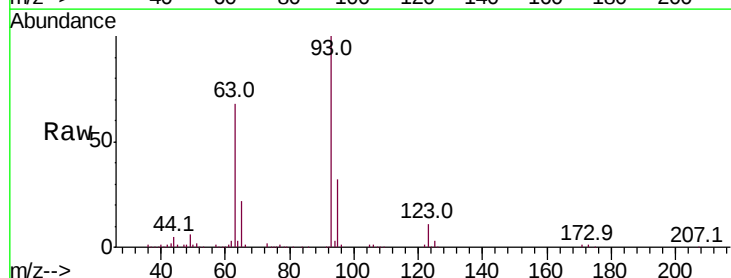
Tgt Ion: 93 Resp: 489293

Ion Ratio Lower Upper

93 100

95 32.4 25.7 38.5

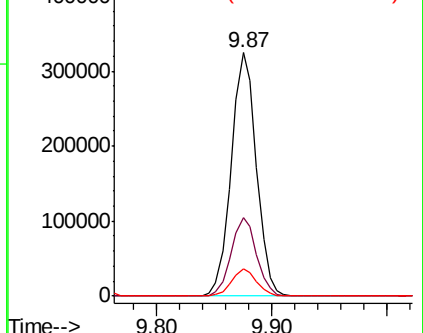
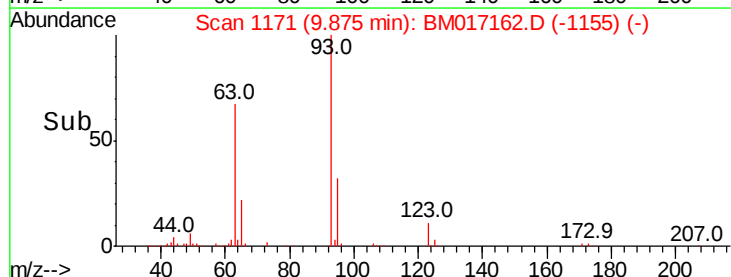
123 11.3 9.4 14.0

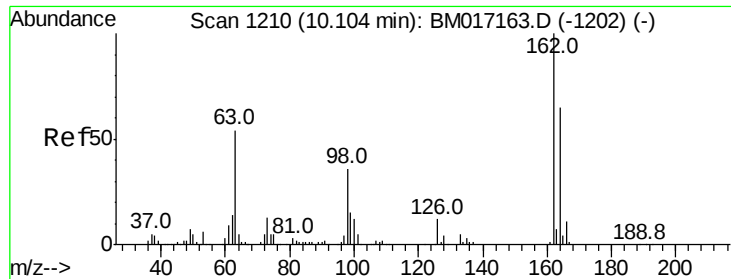


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

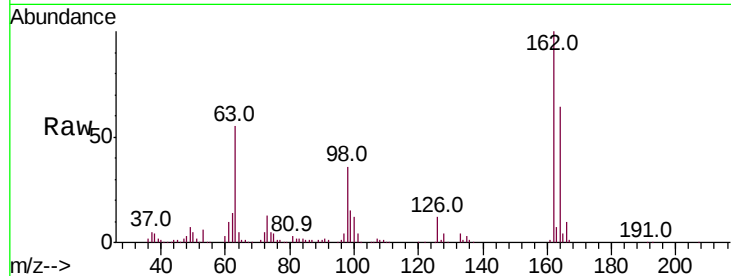




#29
 2,4-Dichlorophenol
 Concen: 26.221 ng
 RT: 10.10 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BM017162.D
 Acq: 17 Oct 2018 11:01

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.9	84.9
98	36.1	15.8	55.8

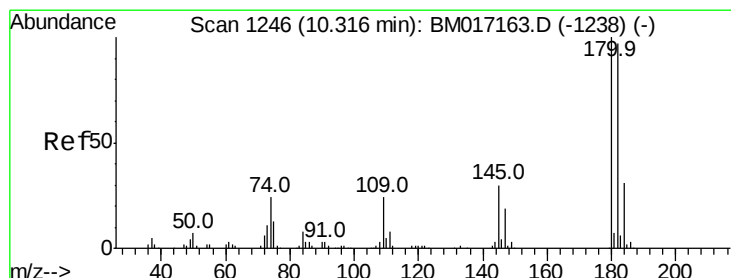
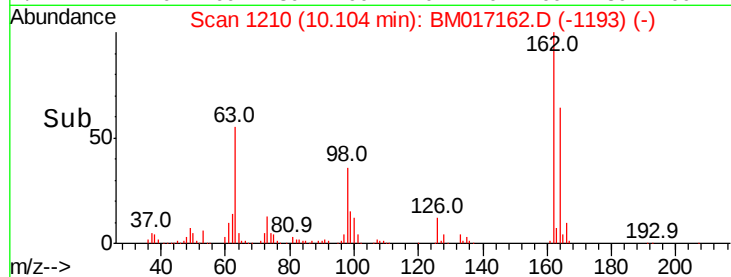
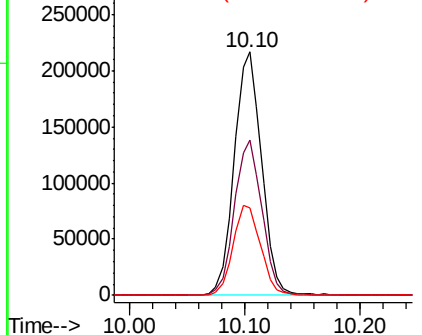


Abundance

Ion 162.00 (161.70 to 162.70): E

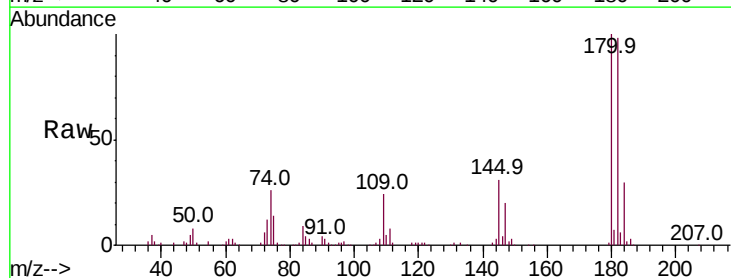
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 24.471 ng
 RT: 10.32 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BM017162.D
 Acq: 17 Oct 2018 11:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.5	116.3
145	30.6	24.0	36.0

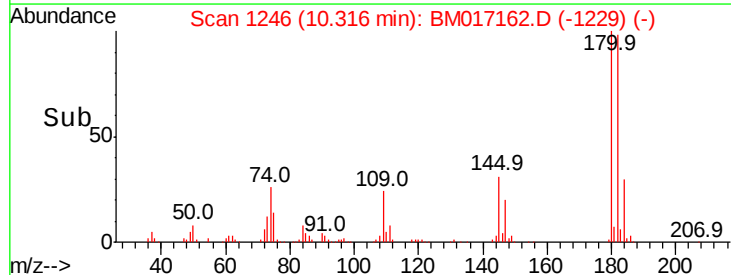
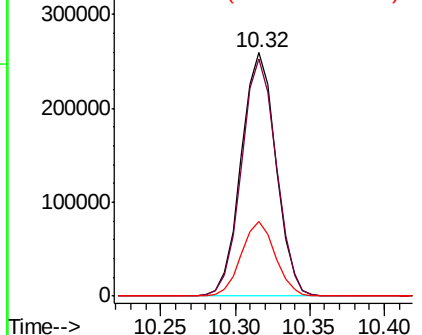


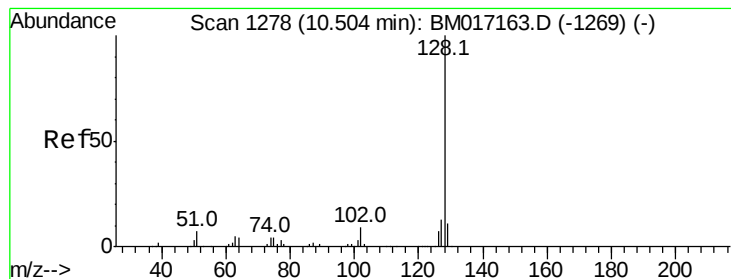
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

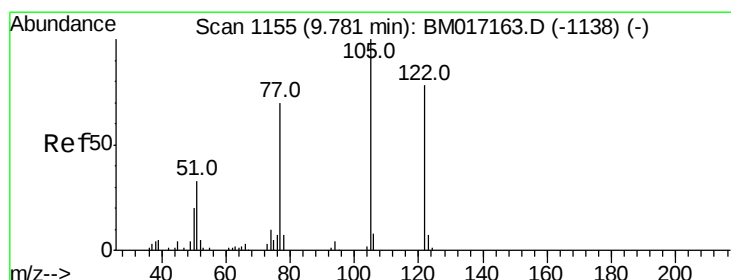
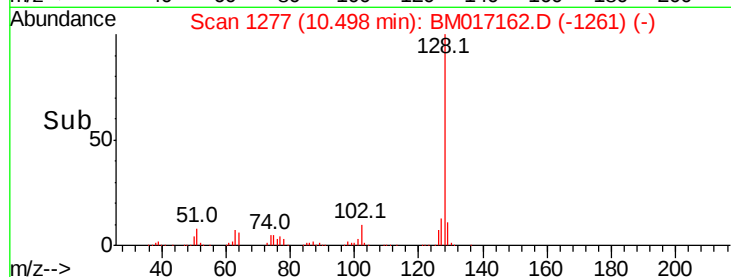
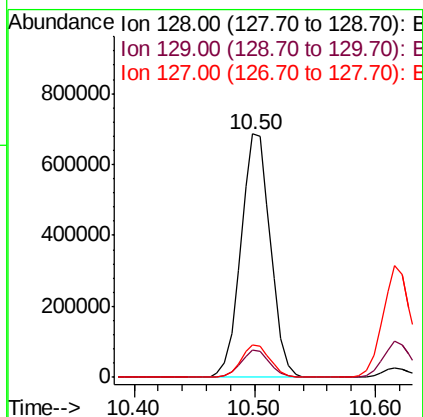
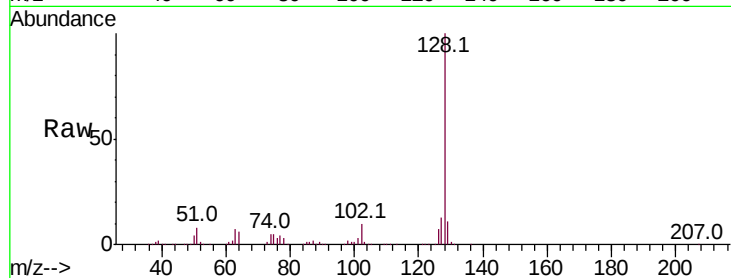




#31
Naphthalene
Concen: 24.703 ng
RT: 10.50 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

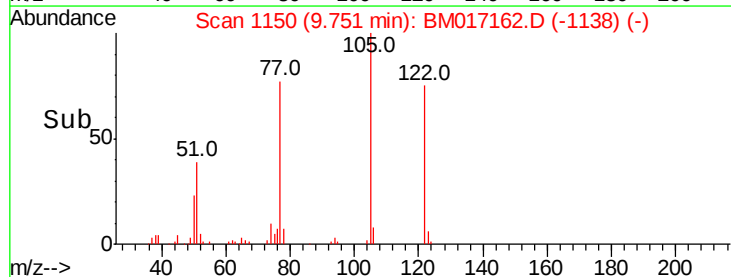
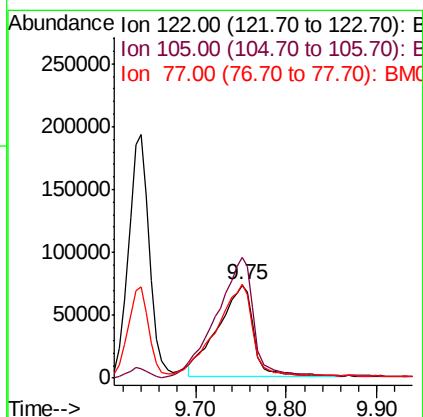
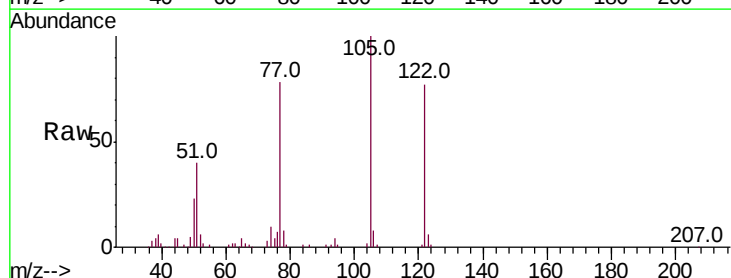
Instrument :
BNA_M
ClientSampleId :

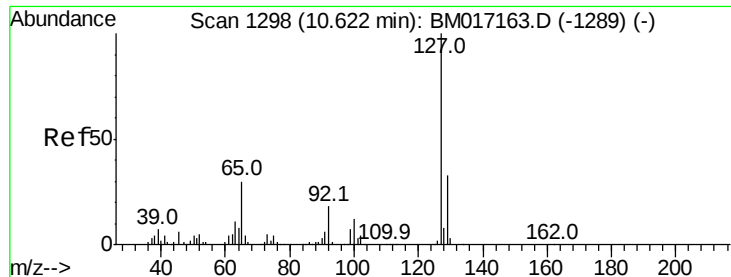
Tot Ion:128 Resp: 1167920
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.3 10.3 15.5



#32
Benzoic acid
Concen: 25.179 ng
RT: 9.75 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Tgt Ion:122 Resp: 197711
Ion Ratio Lower Upper
122 100
105 129.3 102.0 142.0
77 101.1 67.7 107.7

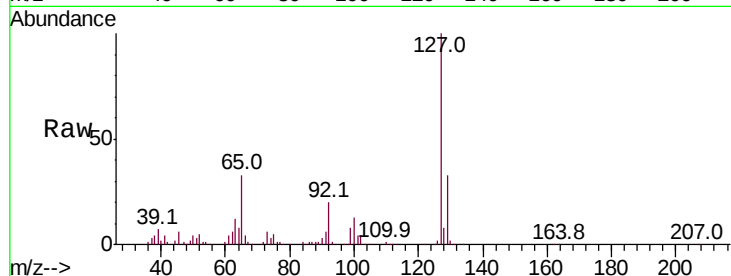




#33
4-Chloroaniline
Concen: 27.160 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	513847
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	32.8	23.7	35.5
92	20.4	14.3	21.5



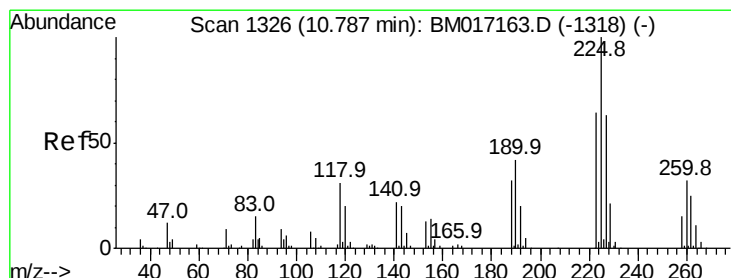
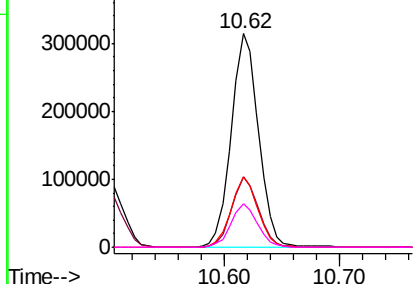
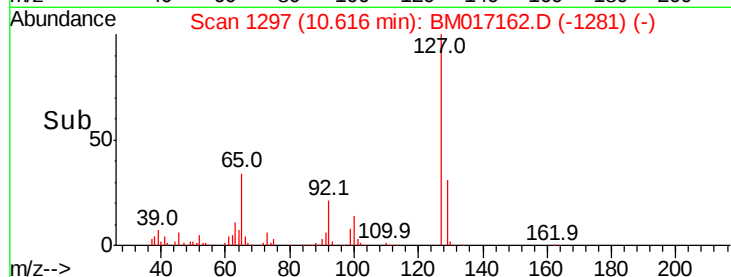
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

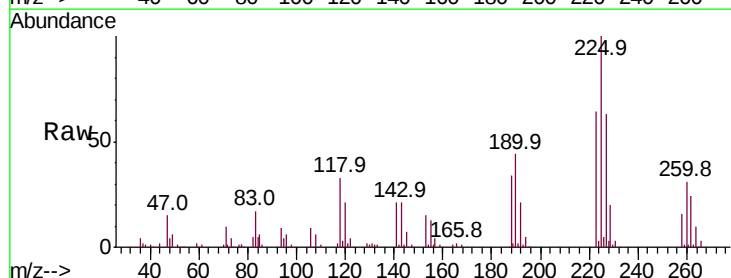
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 23.482 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Tgt Ion:	225	Resp:	258896
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.6
227	62.6	50.8	76.2

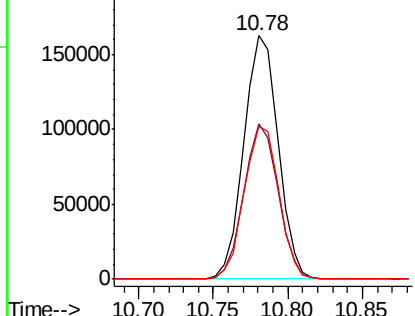
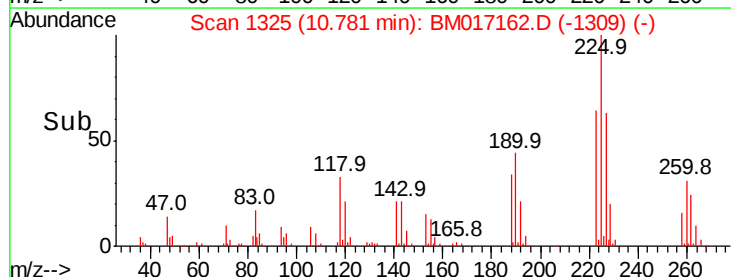


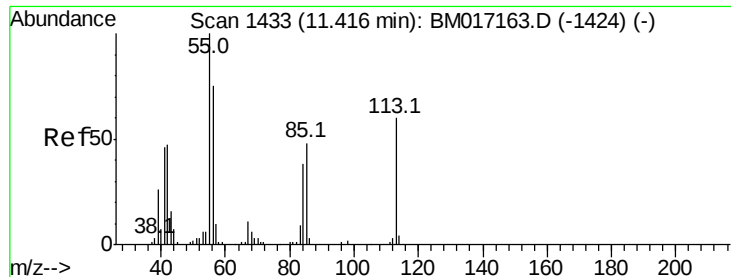
Abundance

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

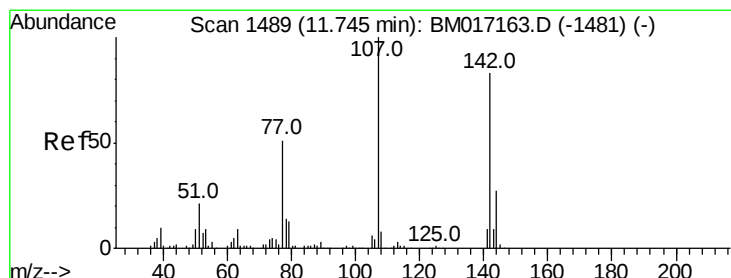
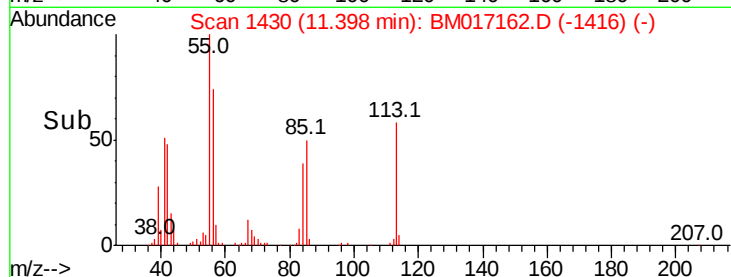
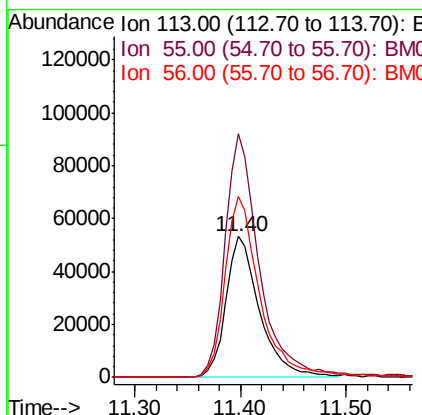
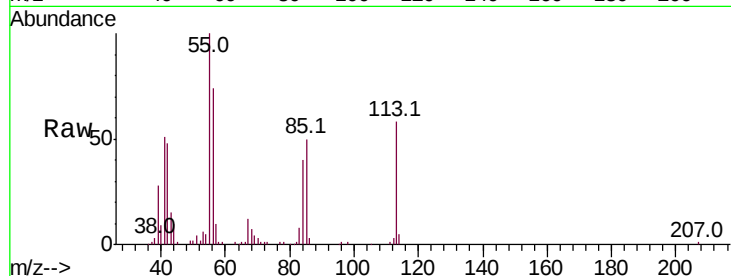




#35
Caprolactam
Concen: 27.406 ng
RT: 11.40 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

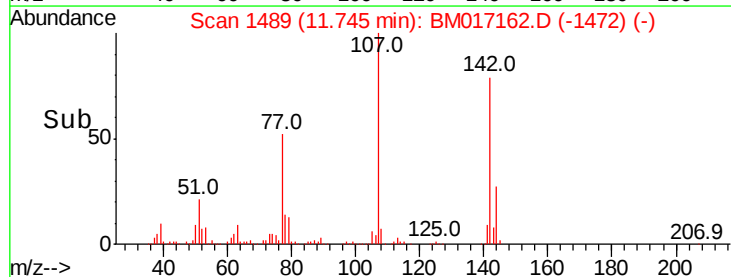
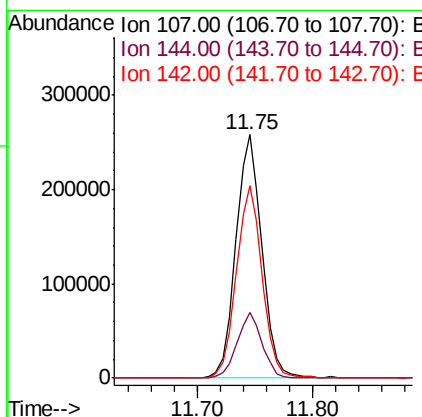
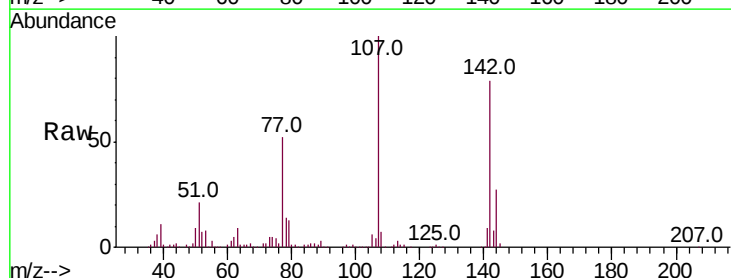
Instrument :
BNA_M
ClientSampleId :

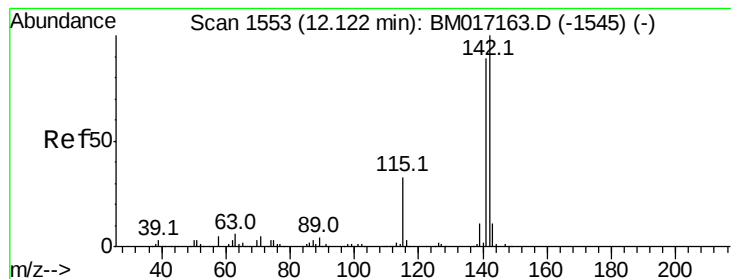
Tot Ion:113 Resp: 117738
Ion Ratio Lower Upper
113 100
55 172.9 147.0 187.0
56 128.2 104.5 144.5



#36
4-Chloro-3-methylphenol
Concen: 28.150 ng
RT: 11.75 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Tgt Ion:107 Resp: 403105
Ion Ratio Lower Upper
107 100
144 27.0 21.6 32.4
142 78.8 66.0 99.0





#37

2-Methylnaphthalene

Concen: 26.135 ng

RT: 12.12 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Instrument :

BNA_M

ClientSampleId :

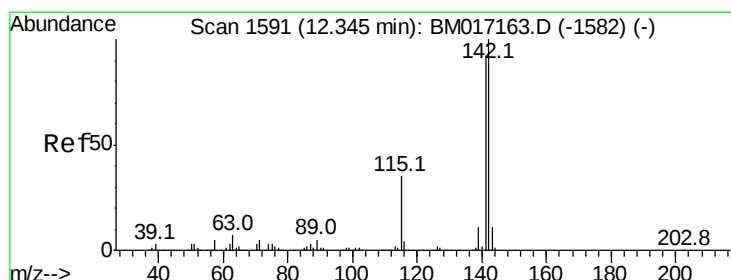
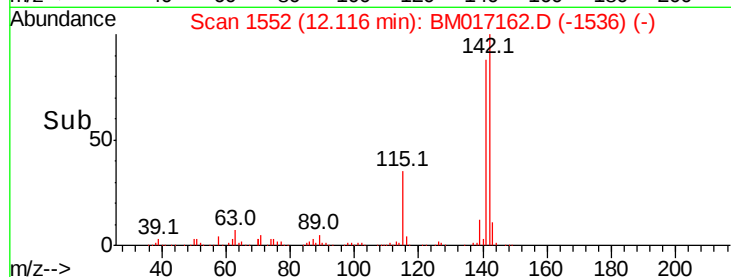
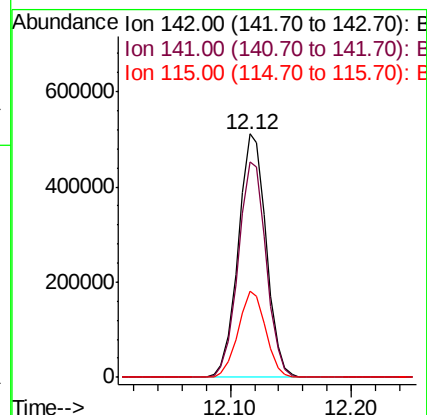
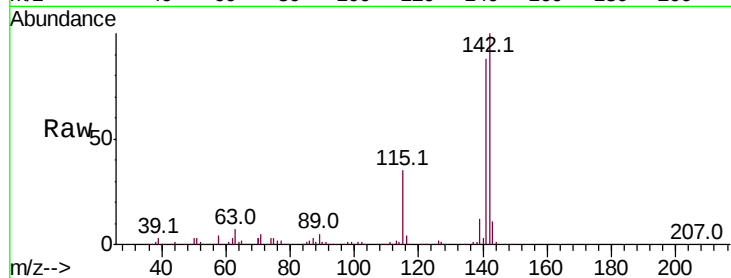
Tot Ion:142 Resp: 822447

Ion Ratio Lower Upper

142 100

141 88.4 70.9 106.3

115 35.1 26.4 39.6



#38

1-Methylnaphthalene

Concen: 26.025 ng

RT: 12.34 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

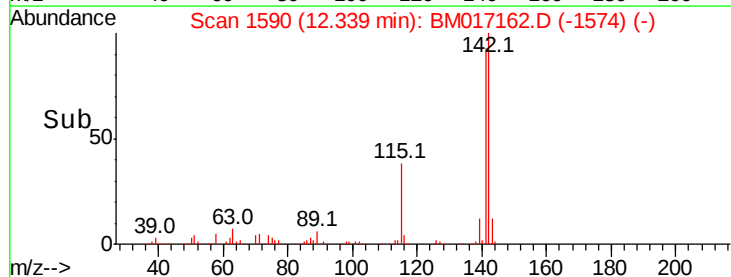
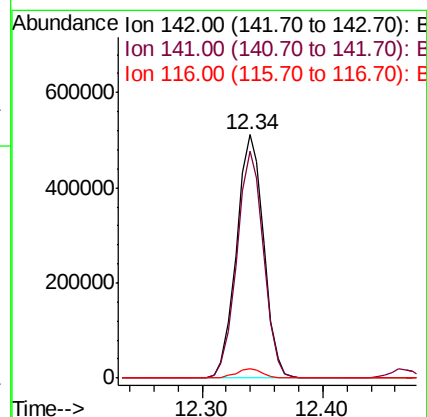
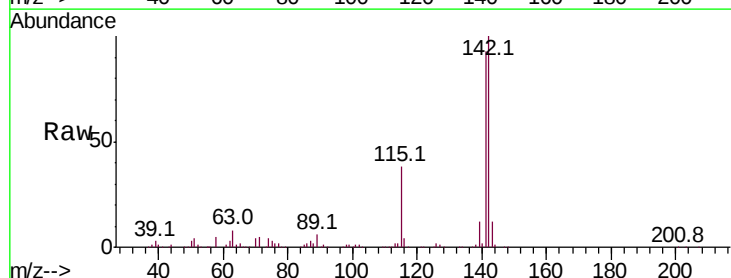
Tgt Ion:142 Resp: 800460

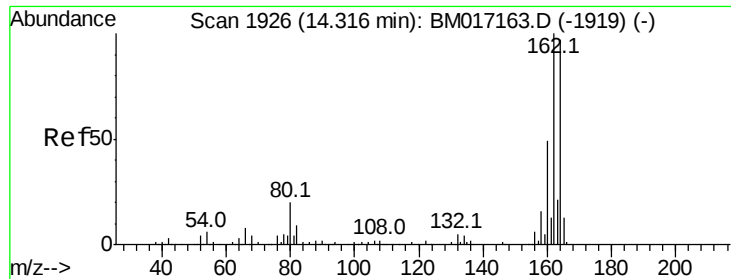
Ion Ratio Lower Upper

142 100

141 93.3 73.8 110.6

116 3.9 2.9 4.3

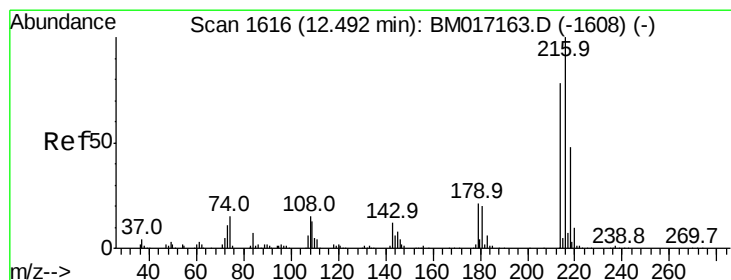
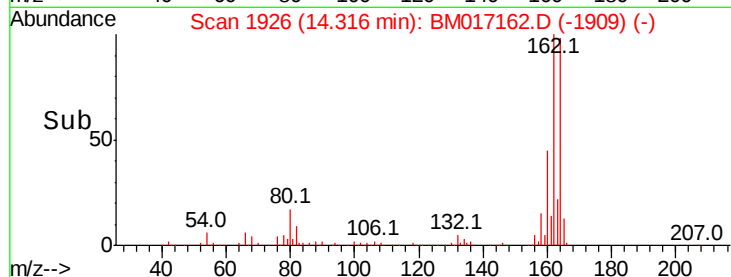
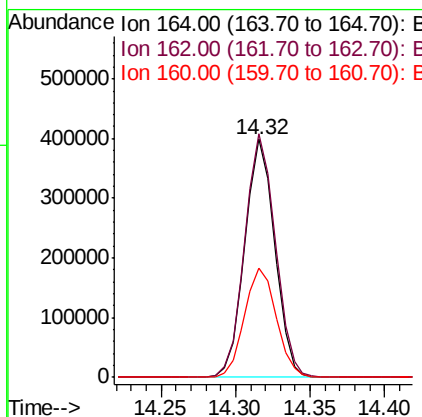
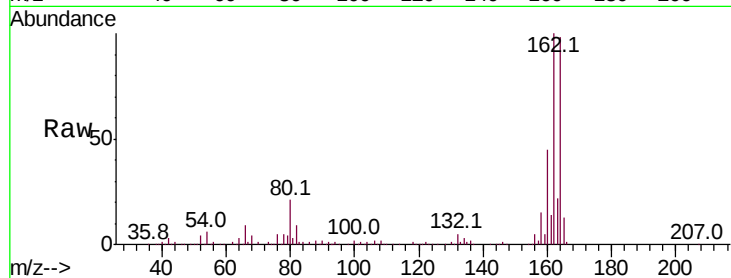




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

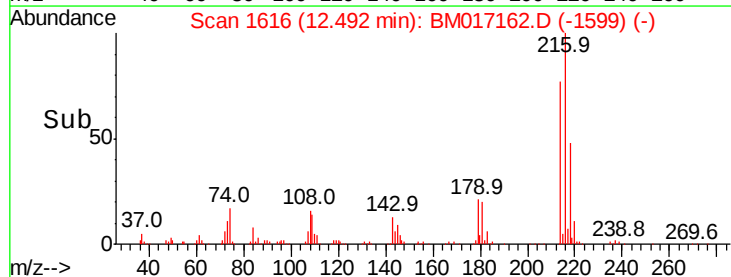
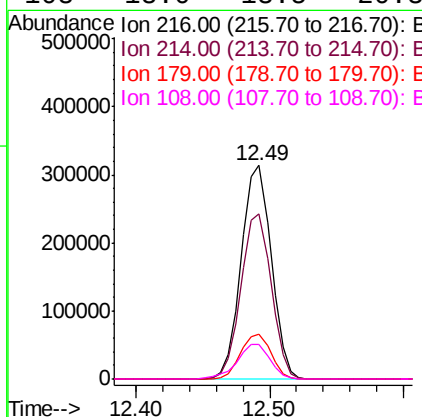
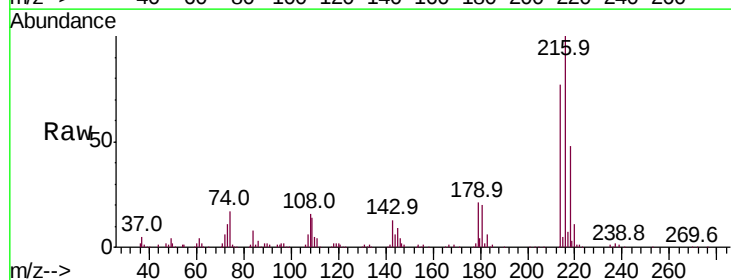
Instrument :
BNA_M
ClientSampled :

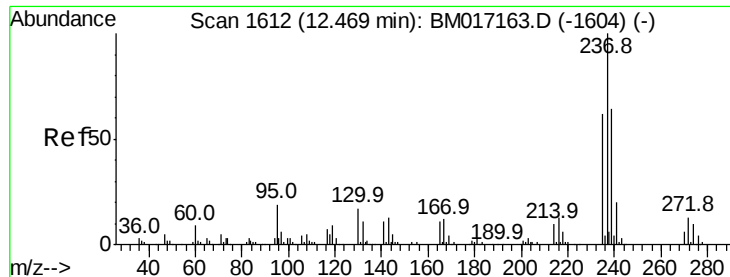
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.1	123.1
160	45.7	40.2	60.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 23.601 ng
RT: 12.49 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	62.6	93.8
179	21.4	16.6	24.8
108	18.0	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 23.035 ng

RT: 12.47 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Instrument :

BNA_M

ClientSampleId :

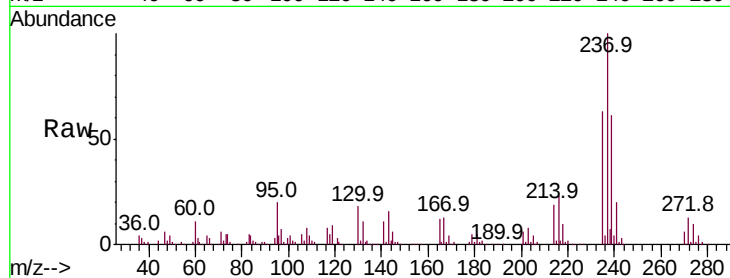
Tot Ion:237 Resp: 233433

Ion Ratio Lower Upper

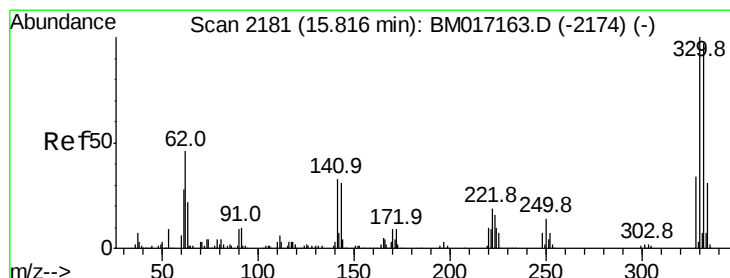
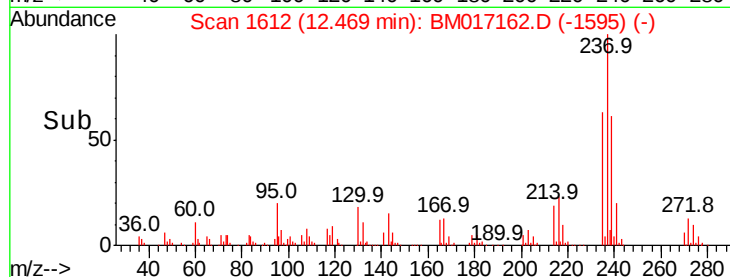
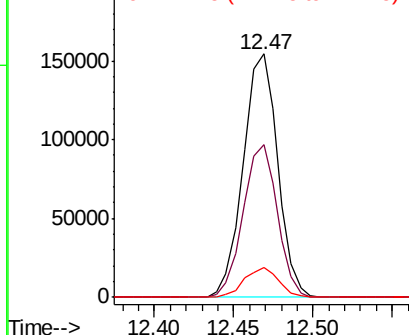
237 100

235 62.6 42.4 82.4

272 12.5 0.0 33.0



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



#42

2,4,6-Tribromophenol

Concen: 47.482 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

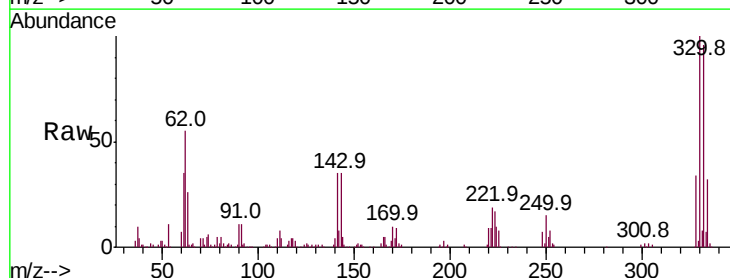
Tgt Ion:330 Resp: 369926

Ion Ratio Lower Upper

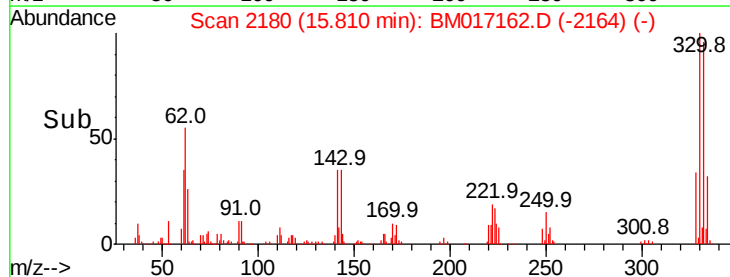
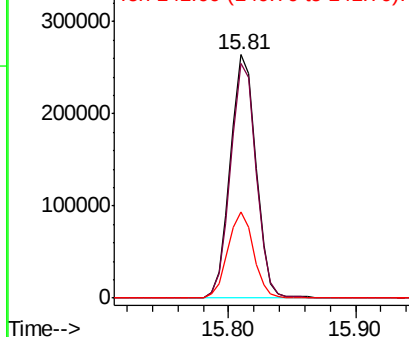
330 100

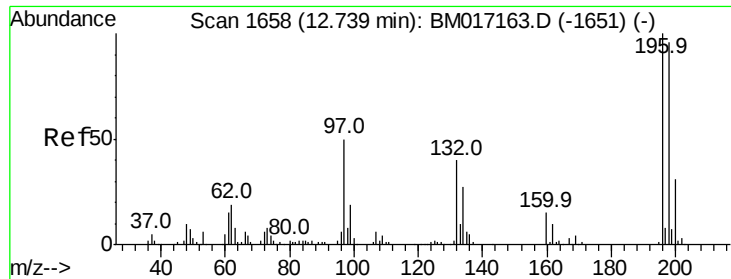
332 95.7 77.3 115.9

141 35.2 27.4 41.0



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

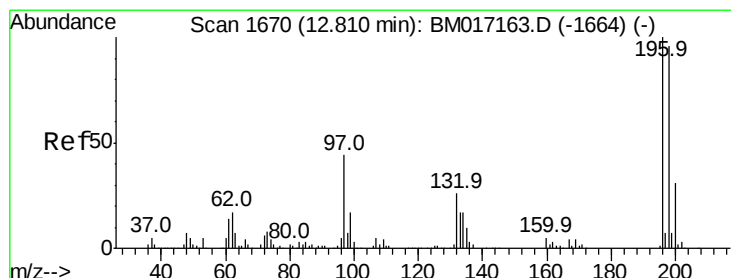
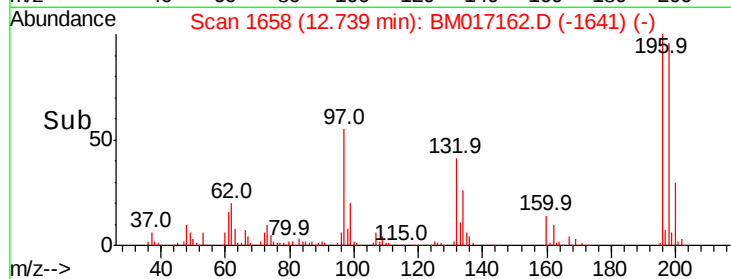
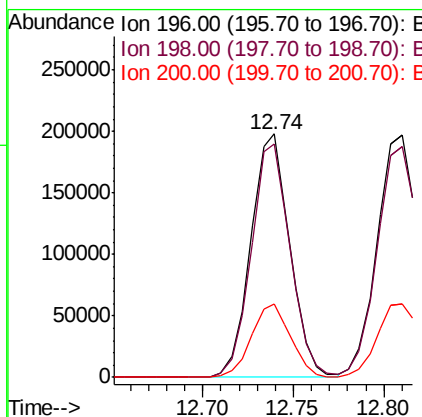
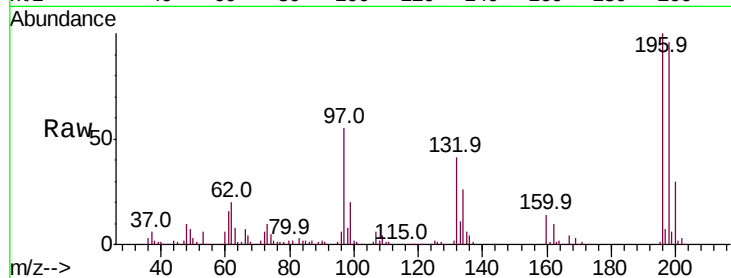




#43
 2,4,6-Trichlorophenol
 Concen: 26.179 ng
 RT: 12.74 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BM017162.D
 Acq: 17 Oct 2018 11:01

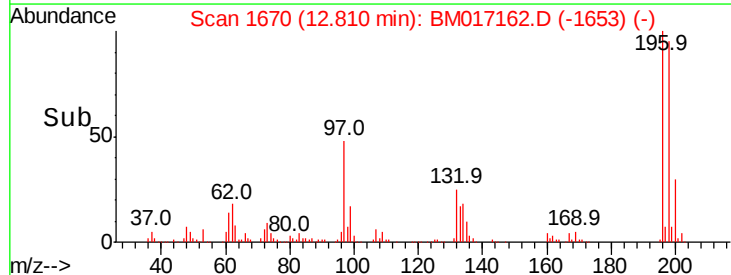
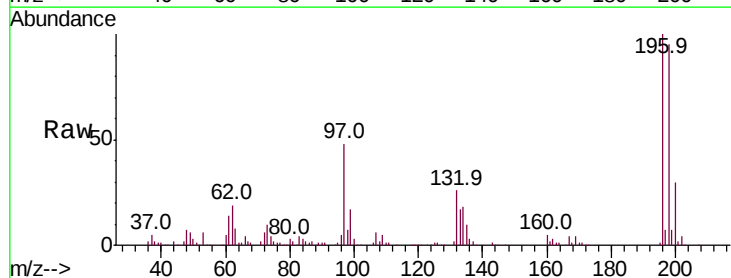
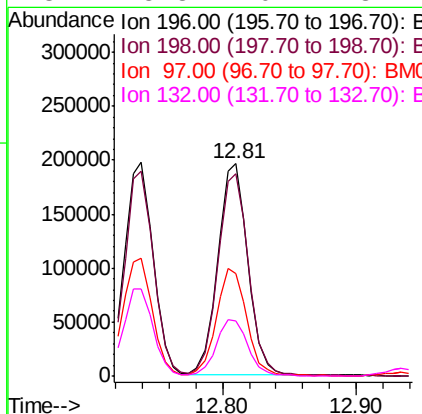
Instrument :
 BNA_M
 ClientSampleId :

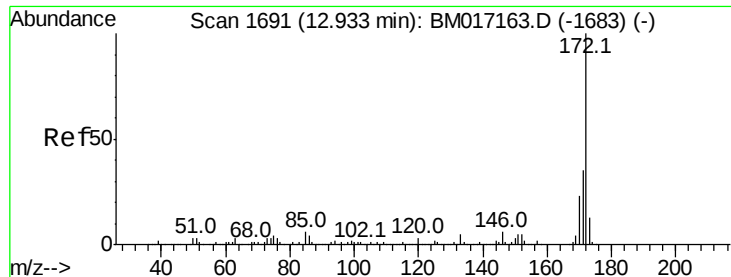
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	77.1	115.7
200	30.4	25.0	37.4



#44
 2,4,5-Trichlorophenol
 Concen: 25.350 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BM017162.D
 Acq: 17 Oct 2018 11:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.6	115.0
97	48.4	35.5	53.3
132	25.8	20.7	31.1

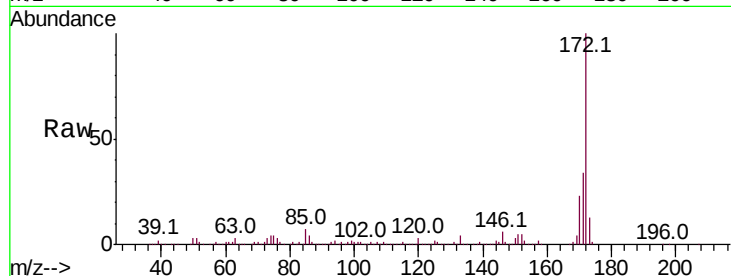




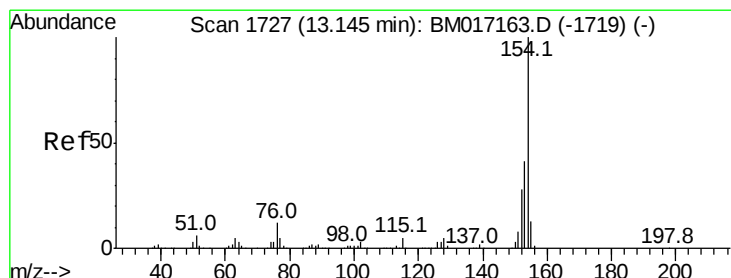
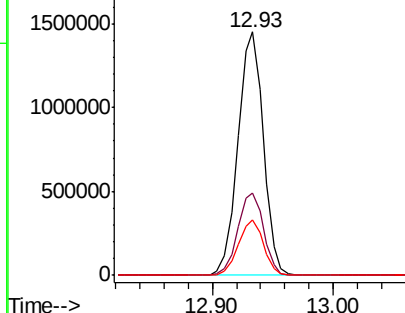
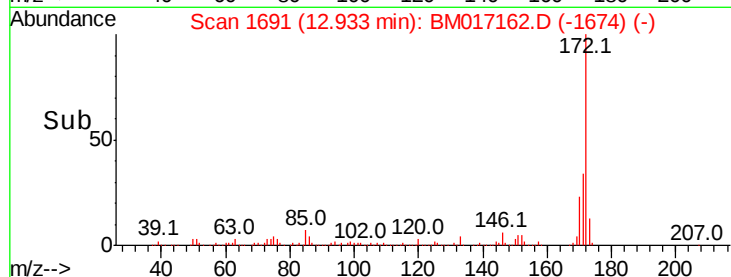
#45
2-Fluorobiphenyl
Concen: 49.712 ng
RT: 12.93 min Scan# 1691
Delta R.T. -0.00 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 2125076
Ion Ratio Lower Upper
172 100
171 34.1 28.3 42.5
170 22.8 18.3 27.5

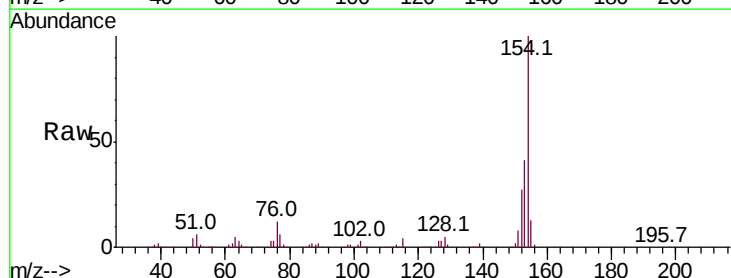


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

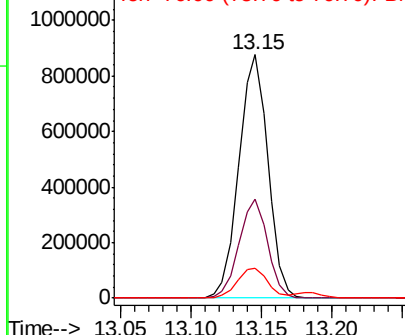
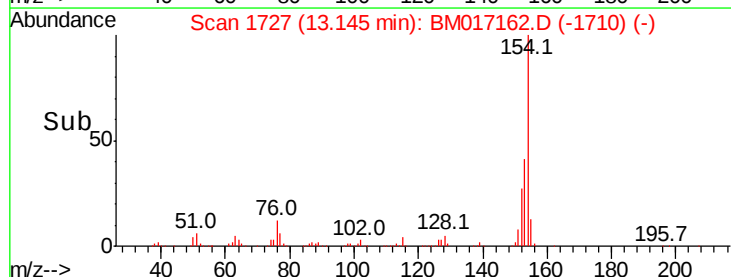


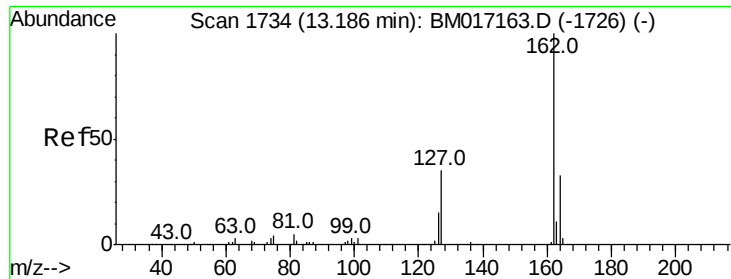
#46
1,1'-Biphenyl
Concen: 24.906 ng
RT: 13.15 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Tgt Ion:154 Resp: 1258354
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 12.4 0.0 31.8



Abundance Ion 154.00 (153.70 to 154.70): E
1200000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

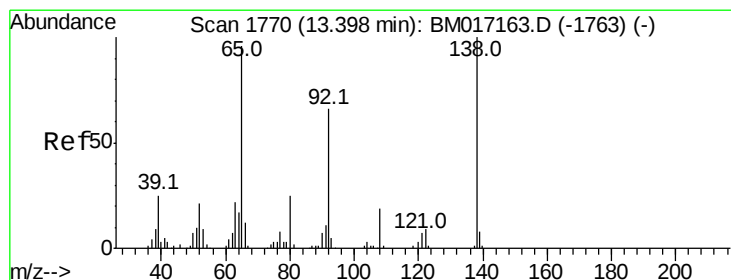
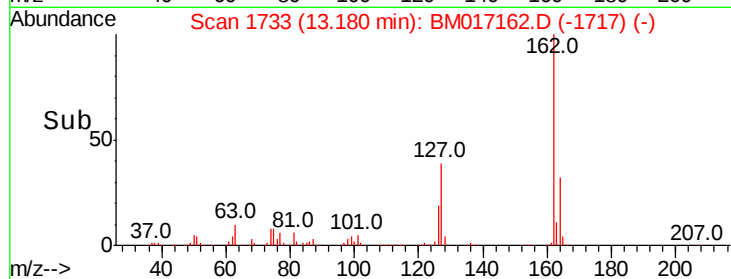
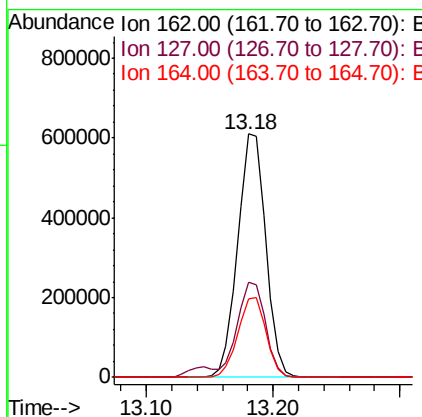
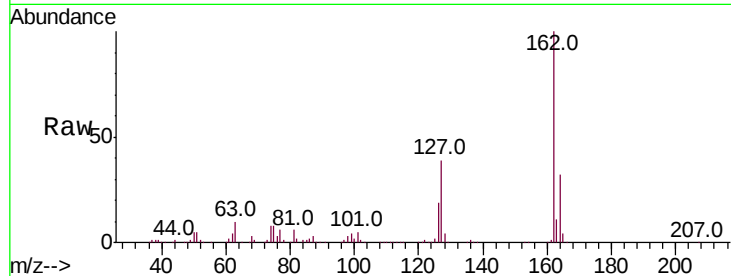




#47
2-Chloronaphthalene
Concen: 24.815 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

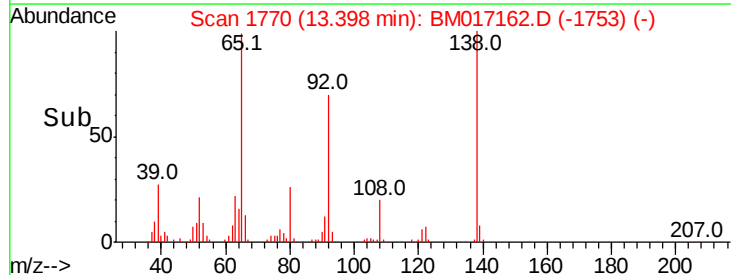
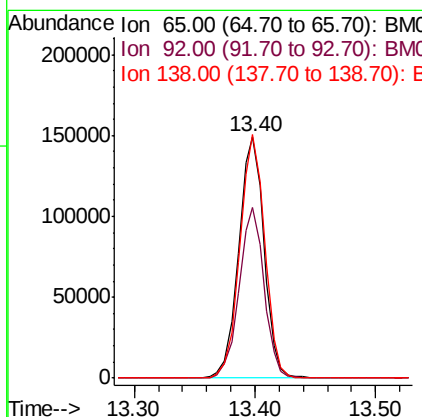
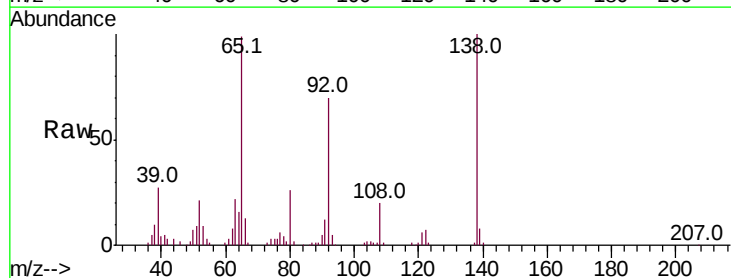
Instrument :
BNA_M
ClientSampleId :

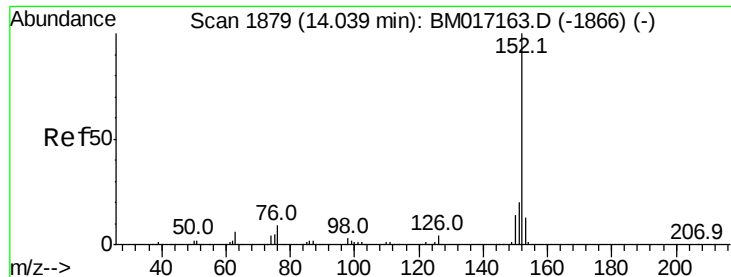
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.0	46.4
164	32.3	26.6	39.8



#48
2-Nitroaniline
Concen: 29.725 ng
RT: 13.40 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	54.9	82.3
138	100.8	83.7	125.5





#49

Acenaphthylene

Concen: 25.552 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Instrument :

BNA_M

ClientSampleId :

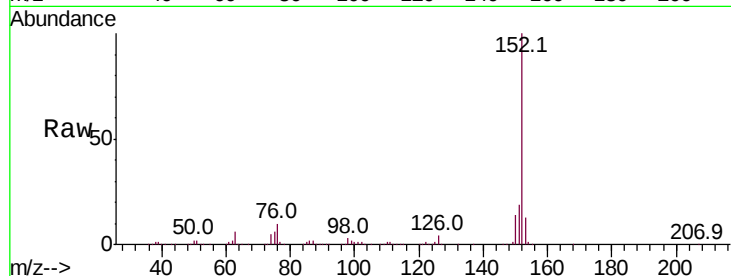
Tot Ion:152 Resp: 1380761

Ion Ratio Lower Upper

152 100

151 19.5 16.0 24.0

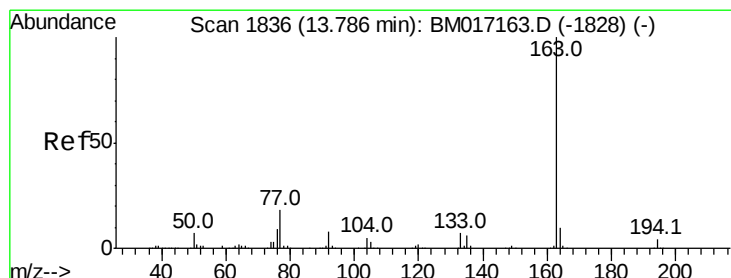
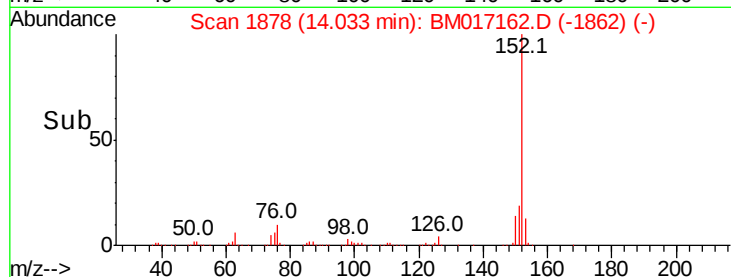
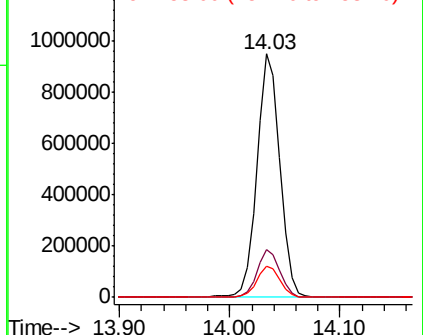
153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 26.122 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

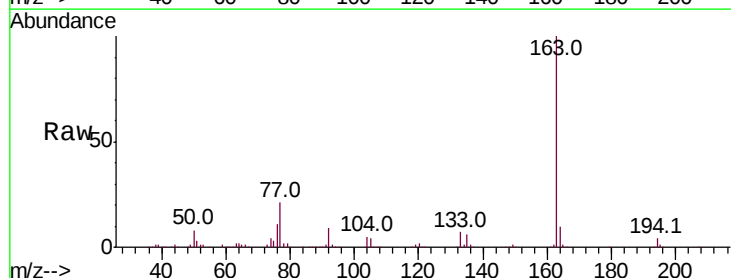
Tgt Ion:163 Resp: 1102278

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

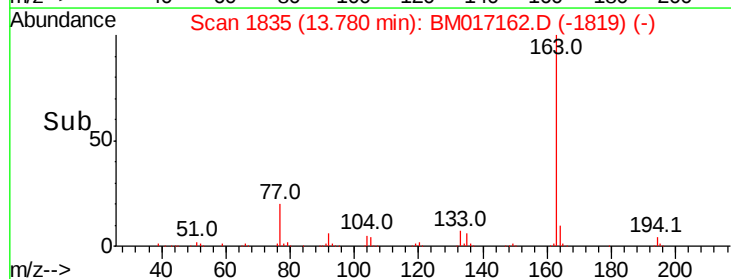
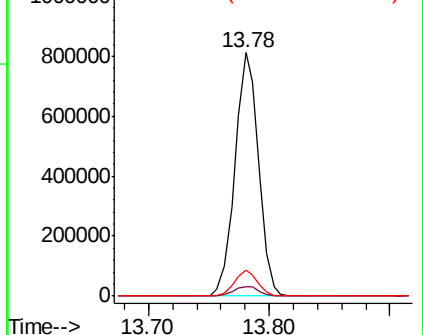
164 10.5 7.8 11.8

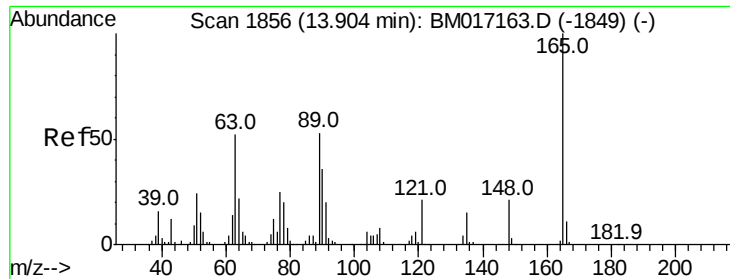


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

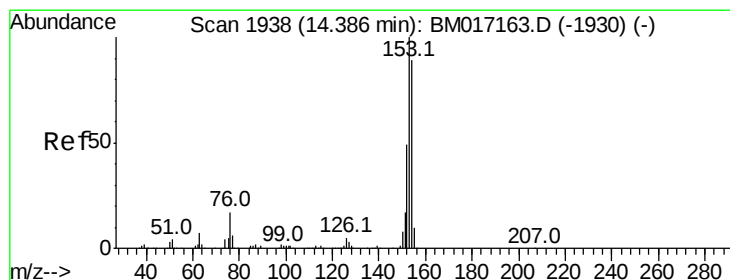
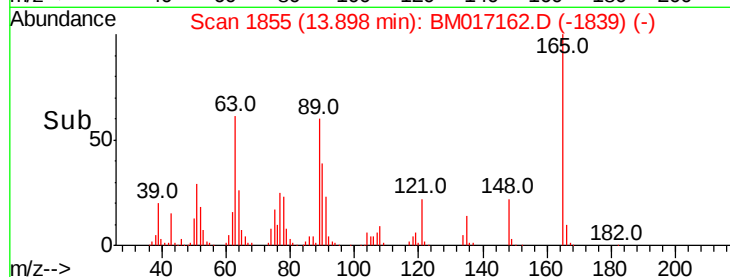
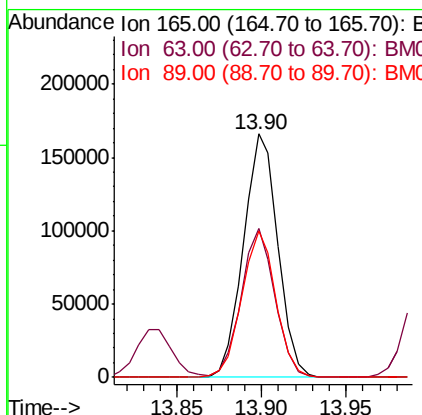
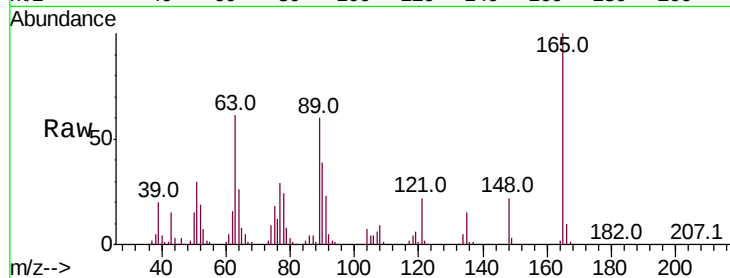




#51
2,6-Dinitrotoluene
Concen: 25.198 ng
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

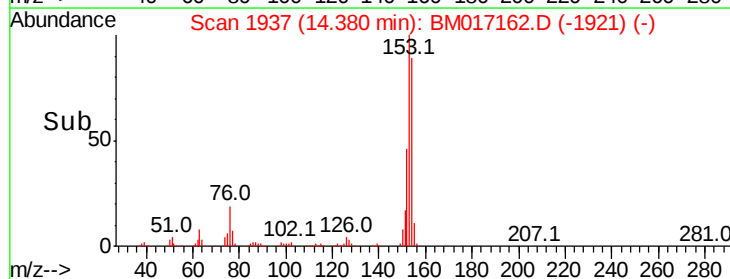
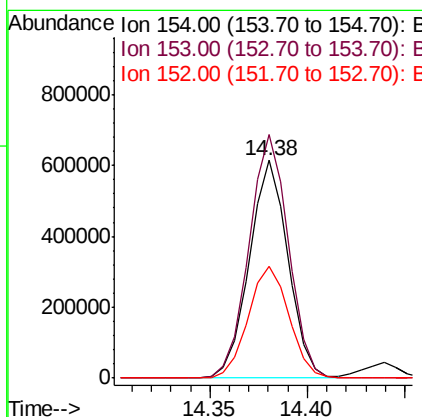
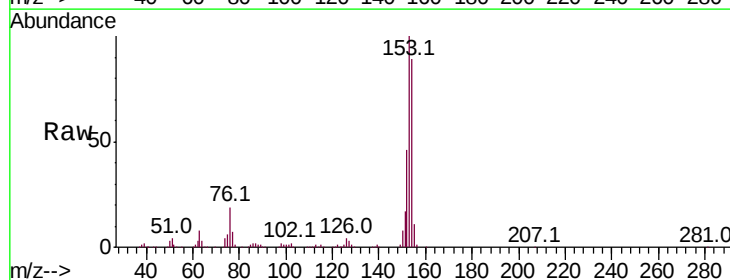
Instrument :
BNA_M
ClientSampleId :

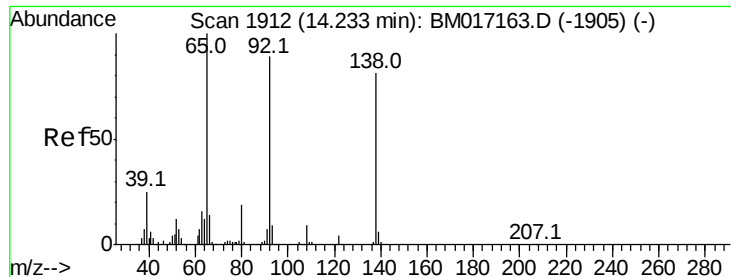
Tot Ion	Ratio	Lower	Upper
165	100		
63	61.0	42.7	64.1
89	59.9	42.1	63.1



#52
Acenaphthene
Concen: 24.982 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.2	135.2
152	51.6	44.2	66.4

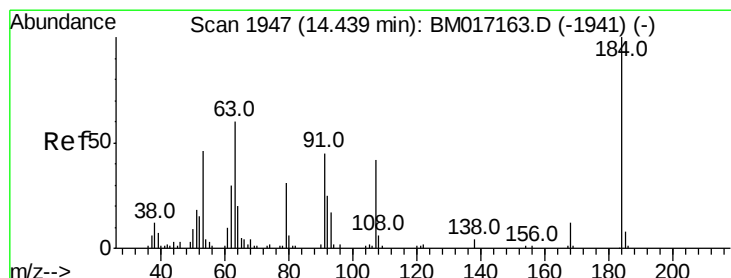
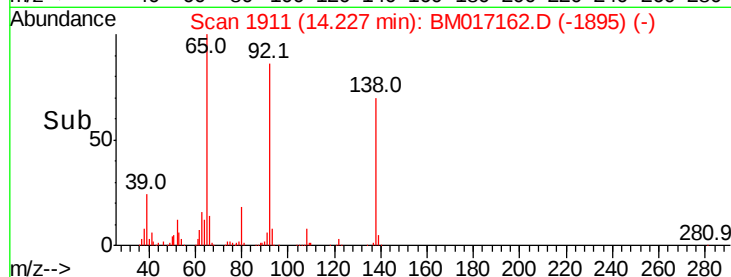
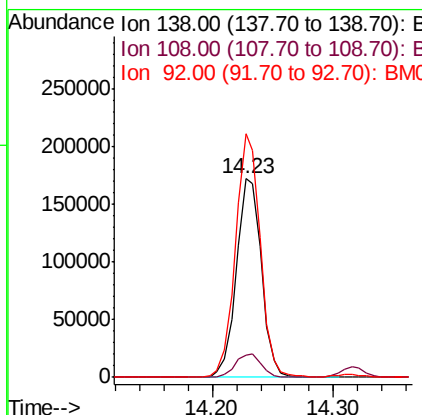
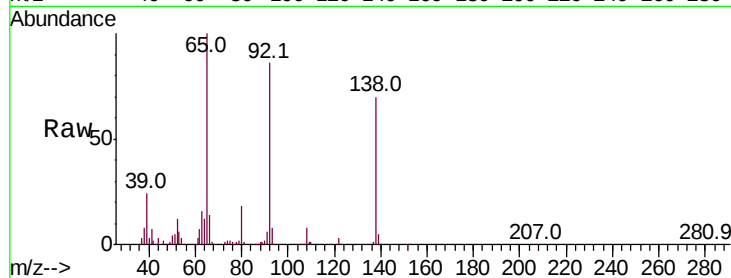




#53
3-Nitroaniline
Concen: 26.098 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

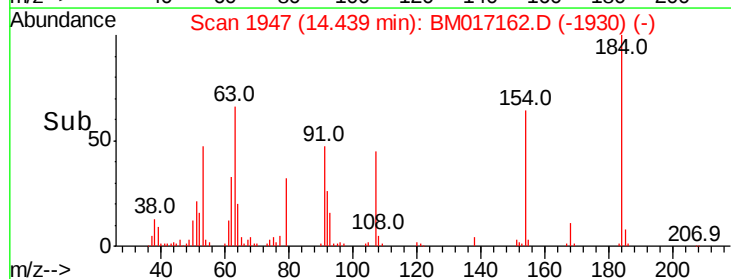
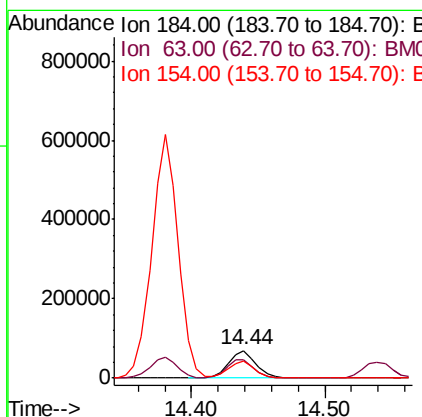
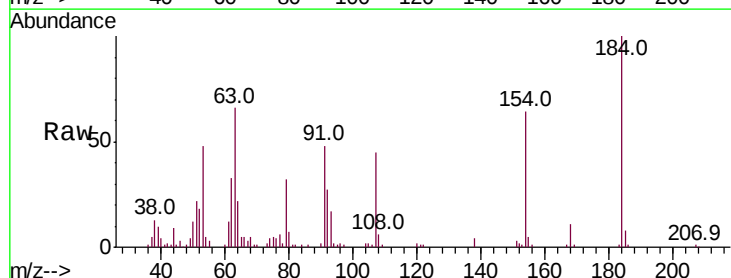
Instrument :
BNA_M
ClientSampleId :

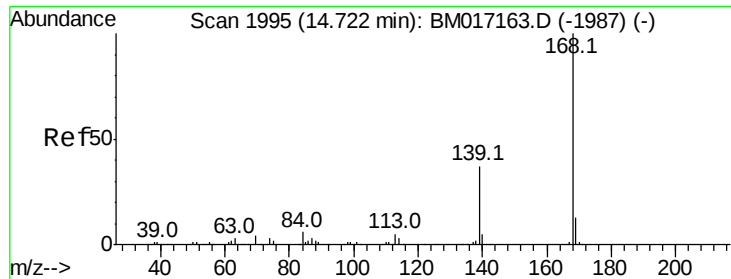
Tot Ion:138 Resp: 248945
Ion Ratio Lower Upper
138 100
108 11.4 8.7 13.1
92 122.8 87.9 131.9



#54
2,4-Dinitrophenol
Concen: 22.850 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Tgt Ion:184 Resp: 97648
Ion Ratio Lower Upper
184 100
63 66.0 51.2 76.8
154 63.5 47.8 71.8

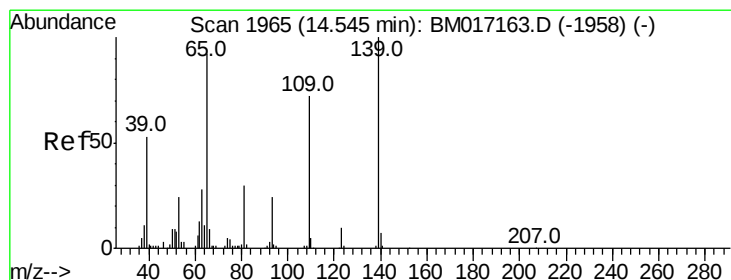
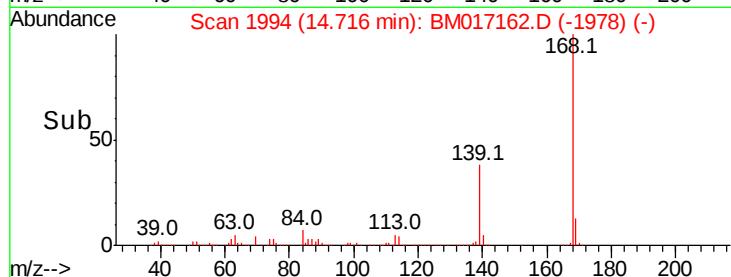
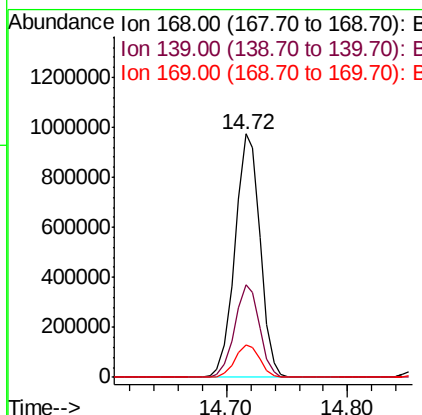
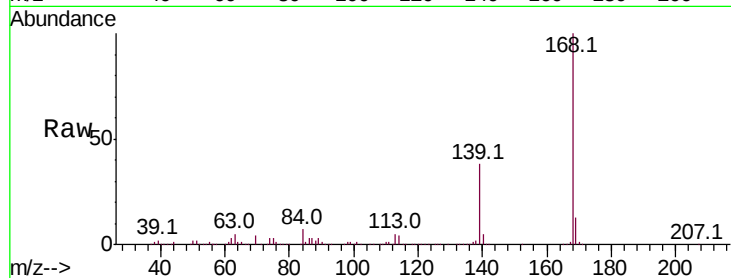




#55
Dibenzenofuran
Concen: 24.638 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

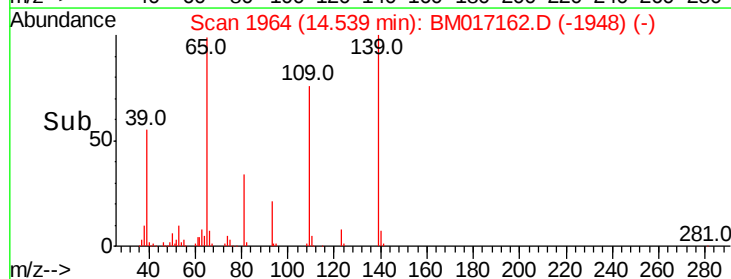
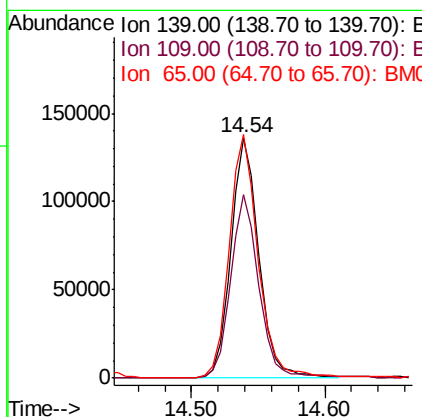
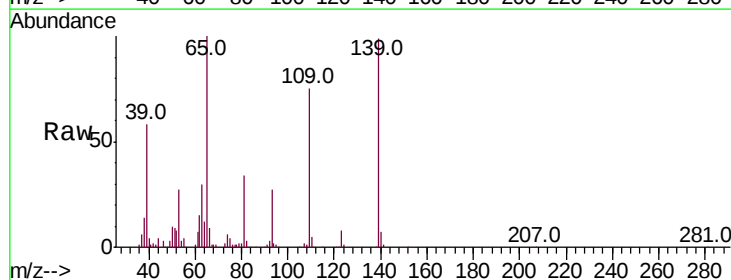
Instrument :
BNA_M
ClientSampleId :

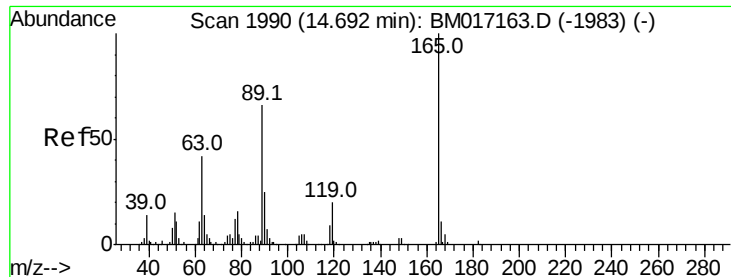
Tot Ion:168 Resp: 1405005
Ion Ratio Lower Upper
168 100
139 37.9 29.3 43.9
169 13.5 10.6 15.8



#56
4-Nitrophenol
Concen: 24.872 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Tgt Ion:139 Resp: 199146
Ion Ratio Lower Upper
139 100
109 76.4 51.8 91.8
65 101.4 72.1 112.1

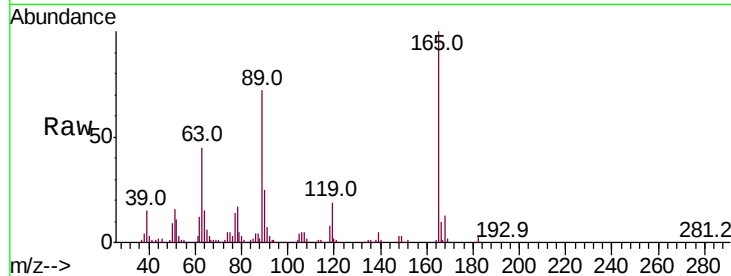




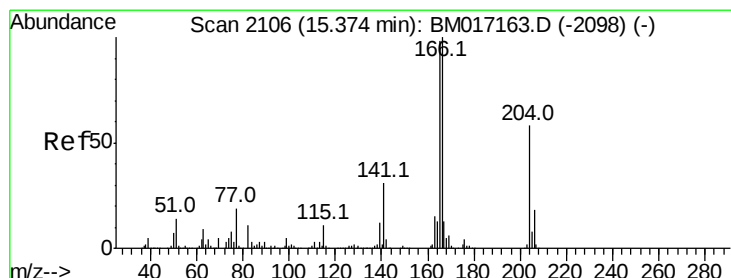
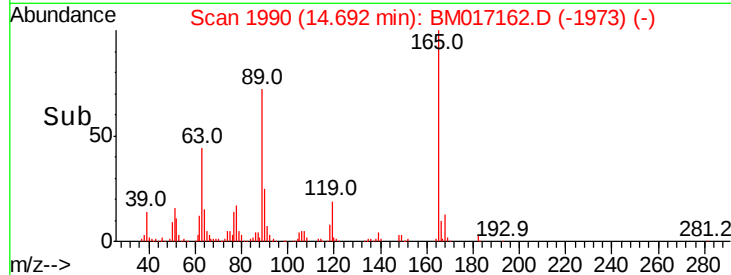
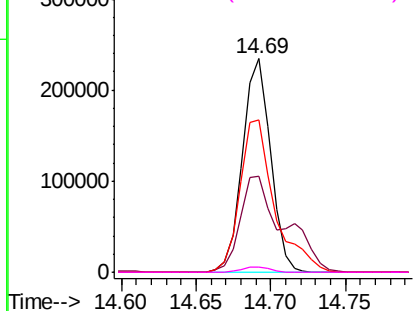
#57
 2,4-Dinitrotoluene
 Concen: 24.096 ng
 RT: 14.69 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BM017162.D
 Acq: 17 Oct 2018 11:01

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	165	Resp:	305658
Ion	Ratio	Lower	Upper
165	100		
63	44.9	33.8	50.8
89	71.5	53.1	79.7
182	2.6	2.0	3.0

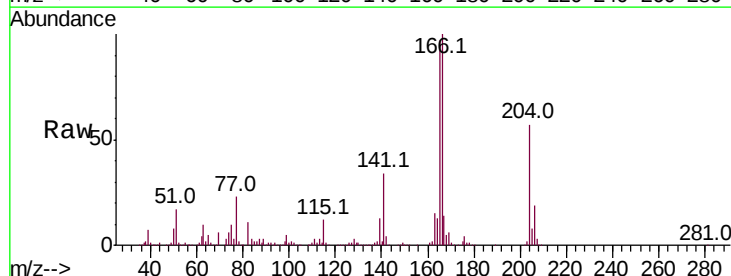


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

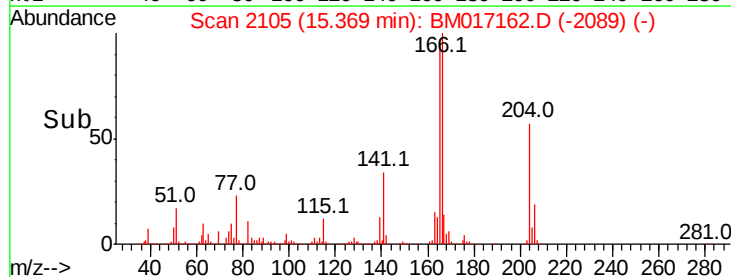
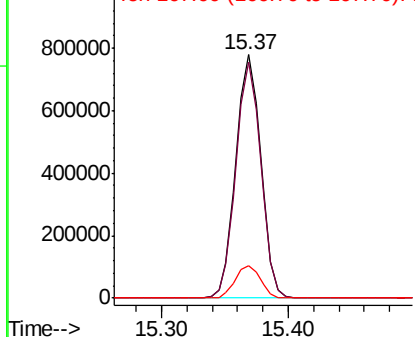


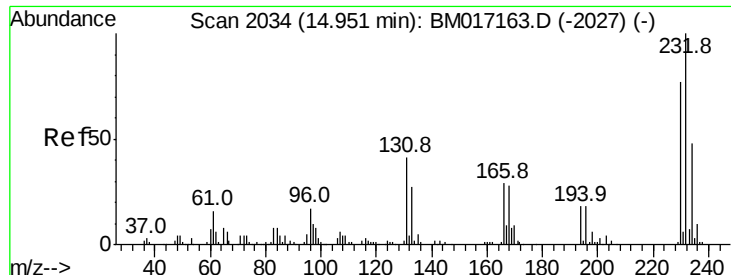
#58
 Fluorene
 Concen: 25.189 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM017162.D
 Acq: 17 Oct 2018 11:01

Tgt Ion:	166	Resp:	1061429
Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.1	117.1
167	13.5	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

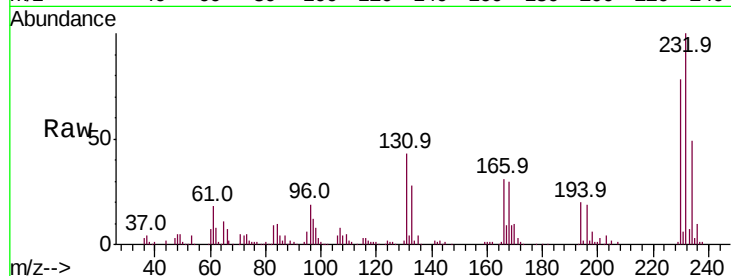




#59
2,3,4,6-Tetrachlorophenol
Concen: 25.047 ng
RT: 14.95 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.3	33.1	49.7
130	2.4	1.7	2.5
166	31.0	24.4	36.6



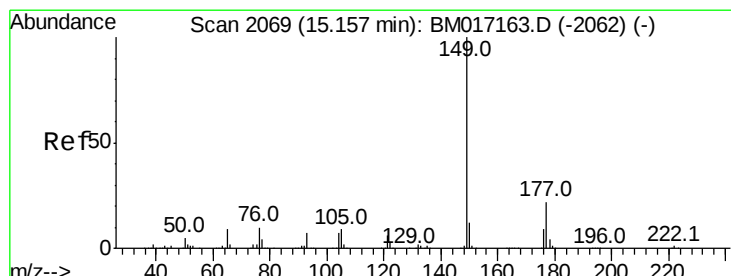
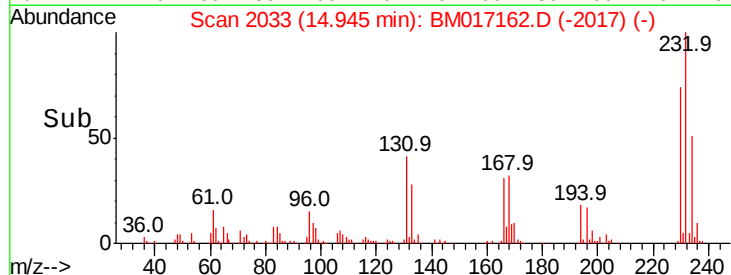
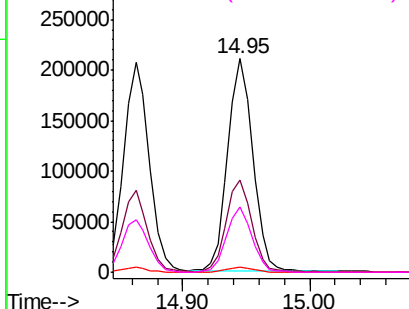
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

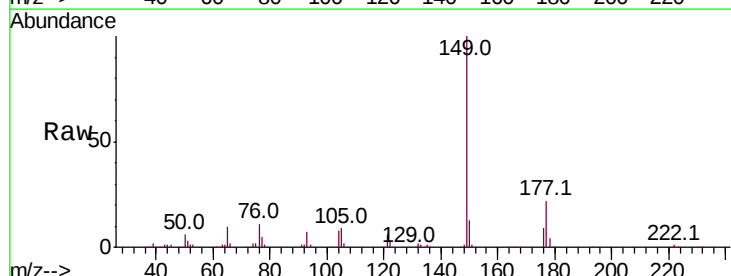
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 25.428 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.7	26.5
150	12.5	10.0	15.0

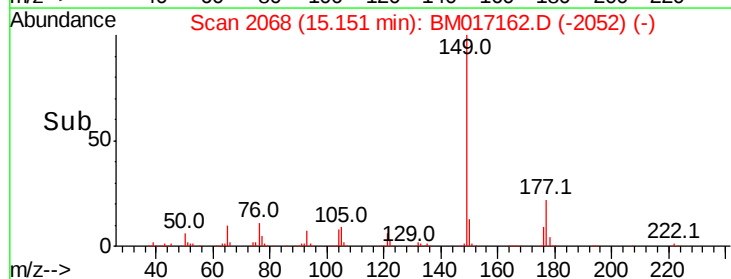
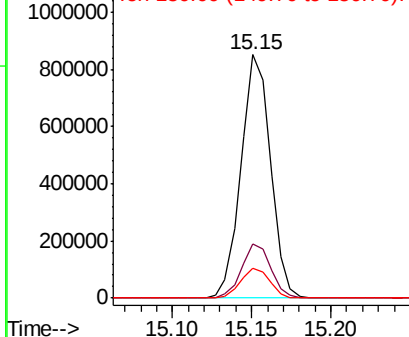


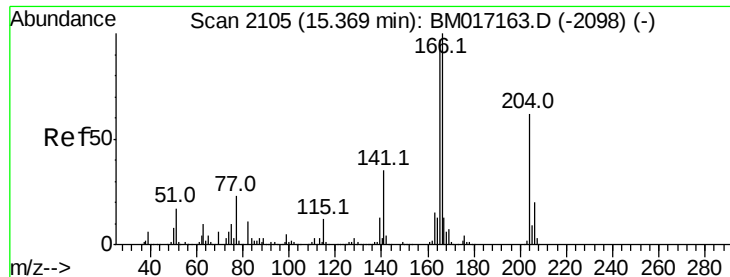
Abundance

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

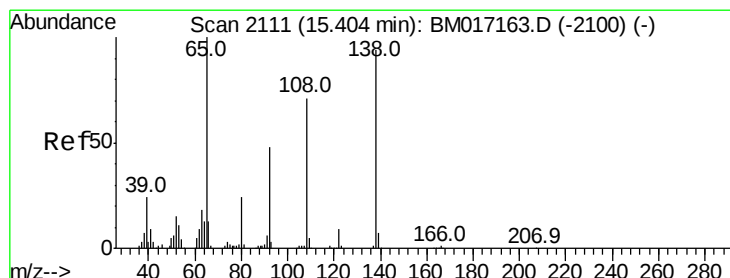
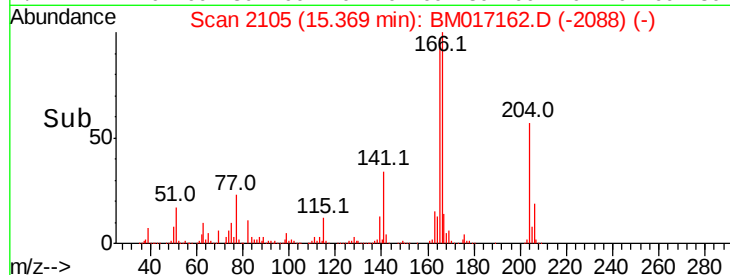
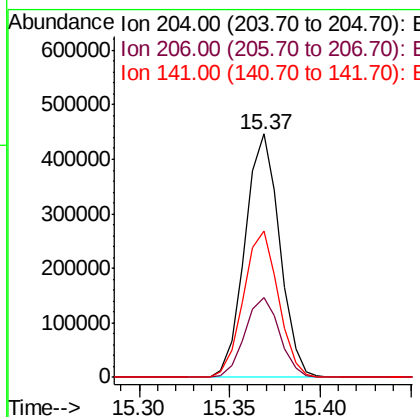
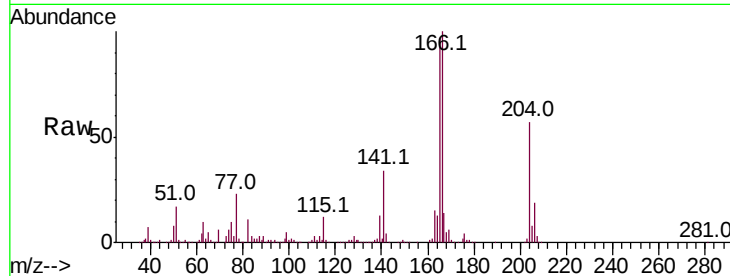




#61
4-Chlorophenyl-phenylether
Concen: 24.257 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

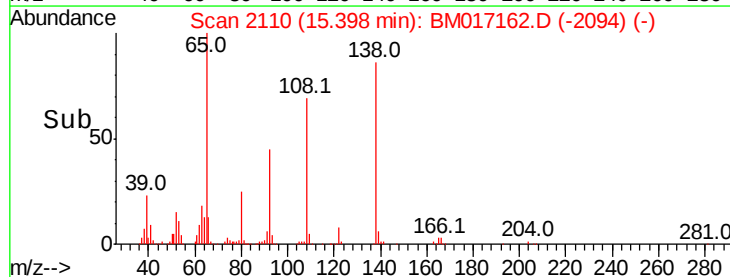
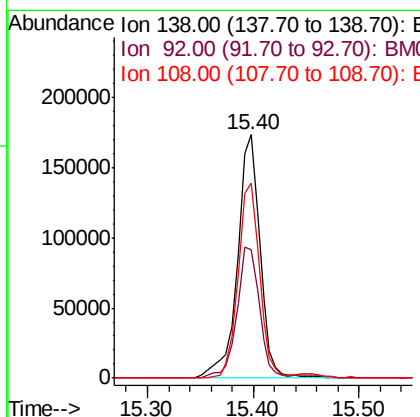
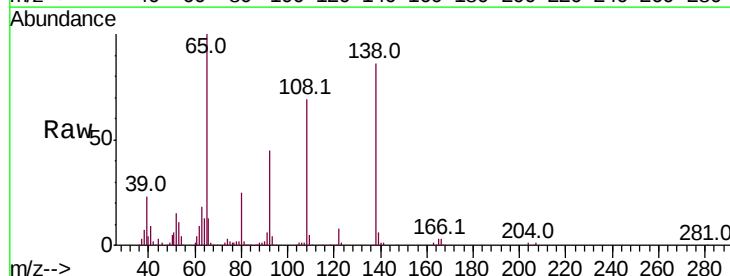
Instrument :
BNA_M
ClientSampled :

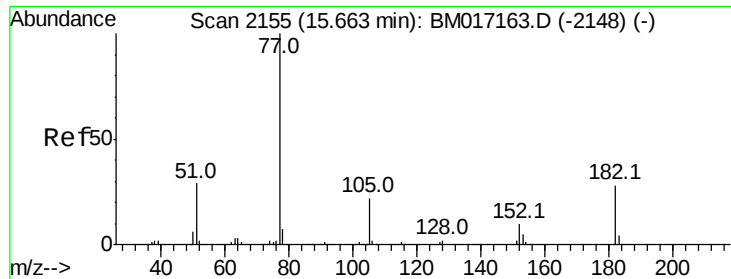
Tot Ion:204 Resp: 592898
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 60.0 45.4 68.2



#62
4-Nitroaniline
Concen: 26.330 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Tgt Ion:138 Resp: 253736
Ion Ratio Lower Upper
138 100
92 53.0 31.2 71.2
108 80.0 55.5 95.5

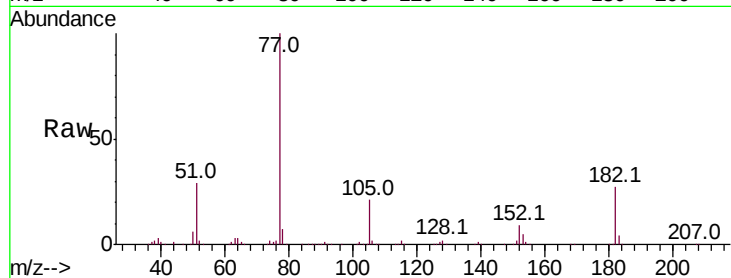




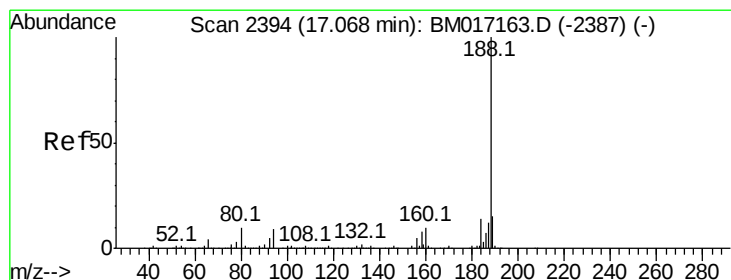
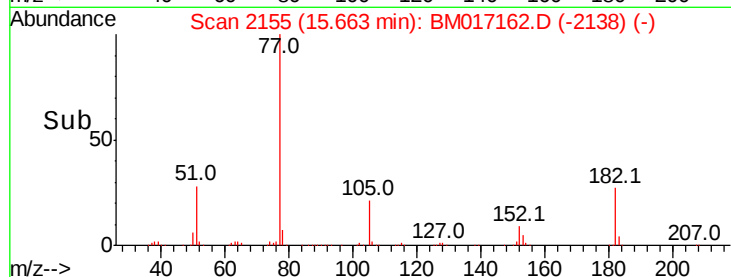
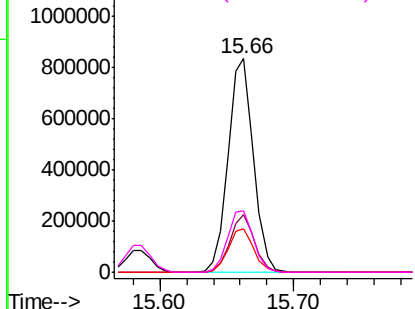
#63
Azobenzene
Concen: 27.138 ng
RT: 15.66 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 1100902
Ion Ratio Lower Upper
77 100
182 26.8 8.3 48.3
105 20.7 1.5 41.5
51 29.0 8.8 48.8

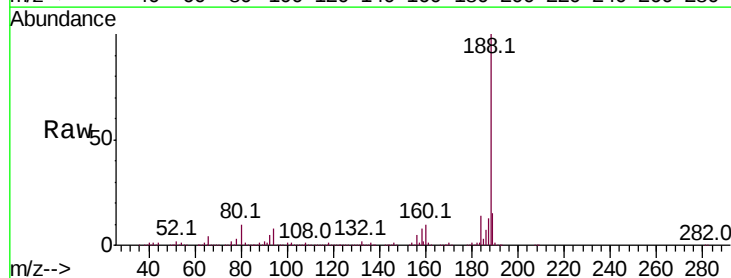


Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-2148) (-)
Ion 182.00 (181.70 to 182.70): BM017163.D (-2148) (-)
Ion 105.00 (104.70 to 105.70): BM017163.D (-2148) (-)
Ion 51.00 (50.70 to 51.70): BM017163.D (-2148) (-)

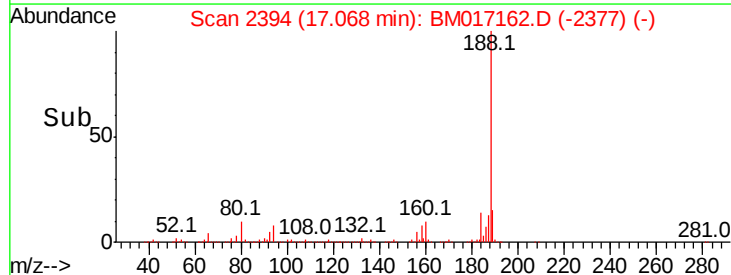
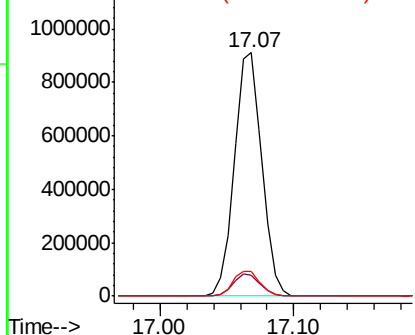


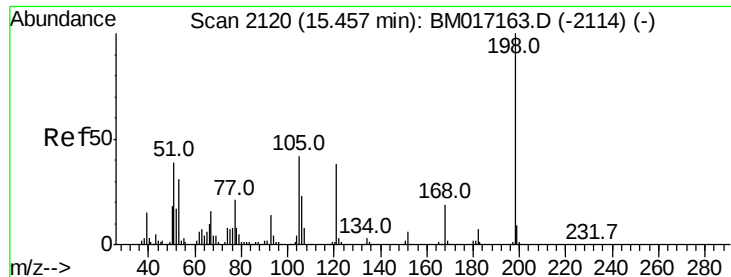
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.00 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Tgt Ion: 188 Resp: 1300735
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 10.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BM017163.D (-2387) (-)
Ion 94.00 (93.70 to 94.70): BM017163.D (-2387) (-)
Ion 80.00 (79.70 to 80.70): BM017163.D (-2387) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 22.508 ng

RT: 15.45 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Instrument :

BNA_M

ClientSampleId :

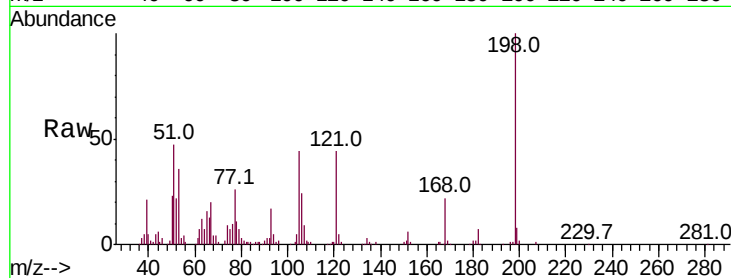
Tot Ion:198 Resp: 166963

Ion Ratio Lower Upper

198 100

51 47.3 20.3 60.3

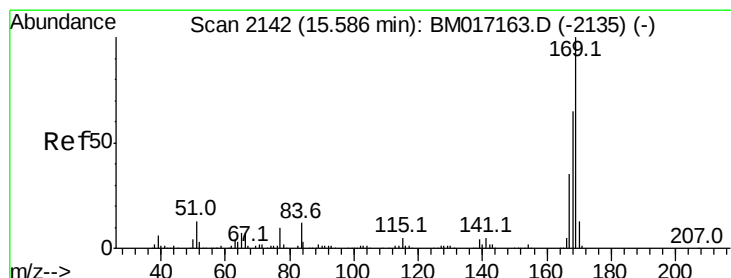
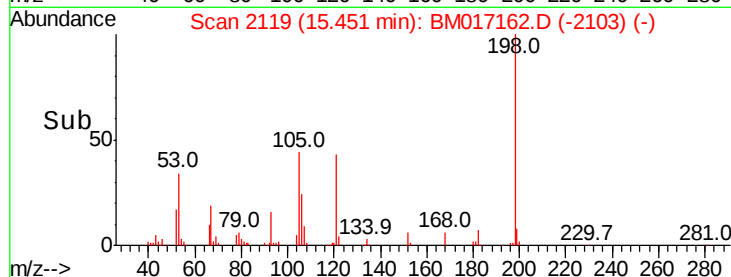
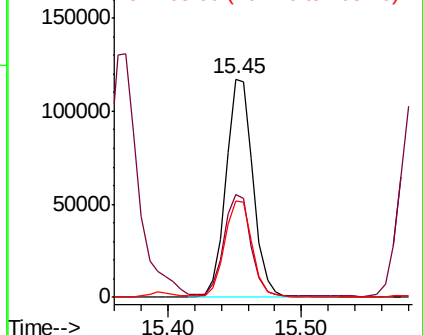
105 44.0 21.9 61.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 25.791 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

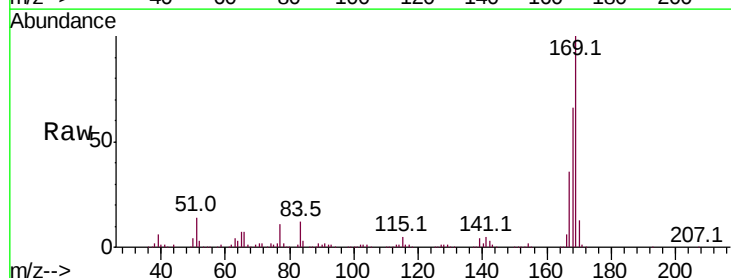
Tgt Ion:169 Resp: 1000059

Ion Ratio Lower Upper

169 100

168 65.6 52.2 78.4

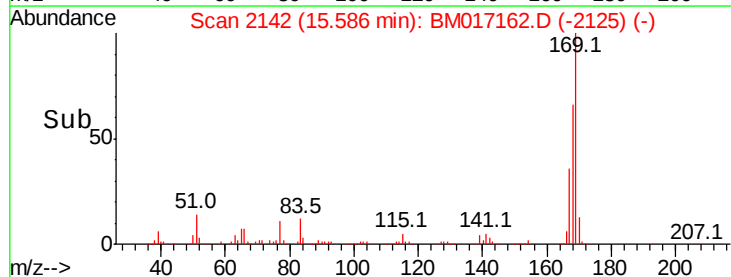
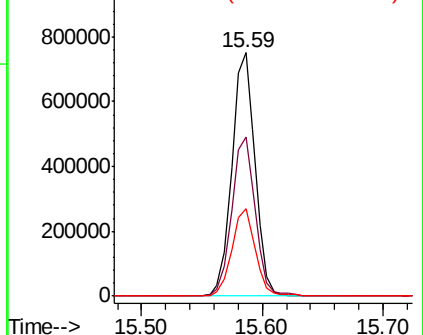
167 36.2 28.4 42.6

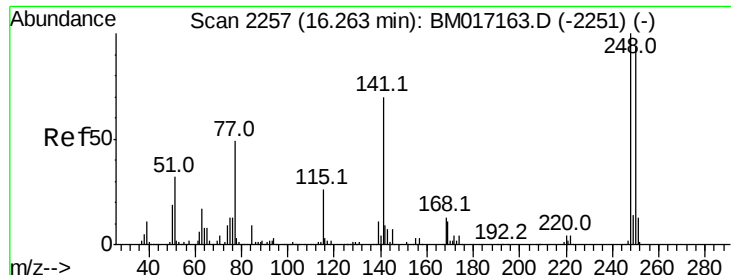


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

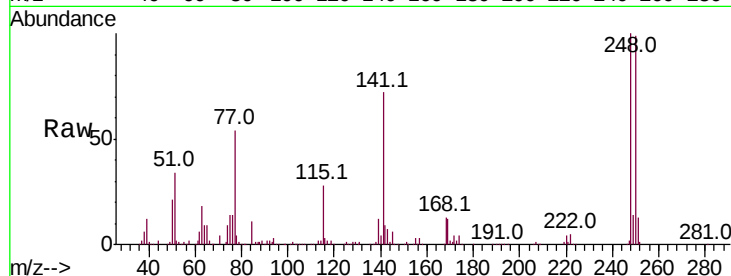




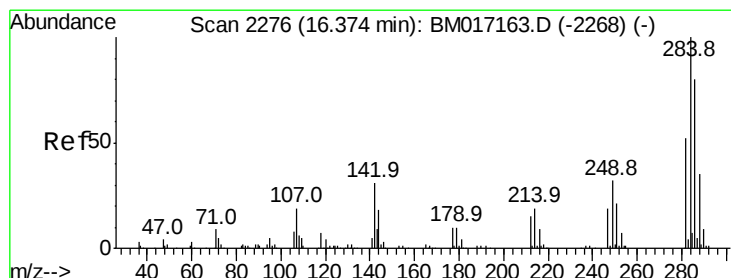
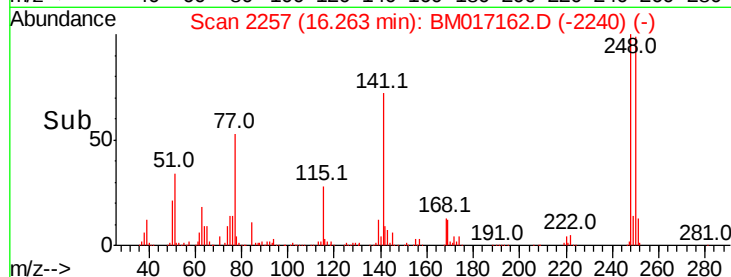
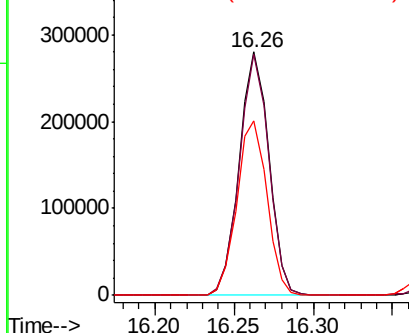
#67
4-Bromophenyl-phenylether
Concen: 24.891 ng
RT: 16.26 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	75.1	112.7
141	71.9	55.6	83.4

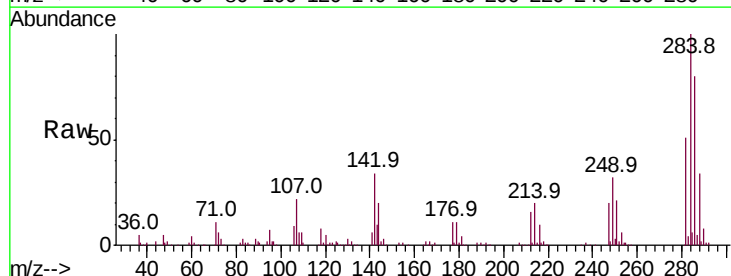


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

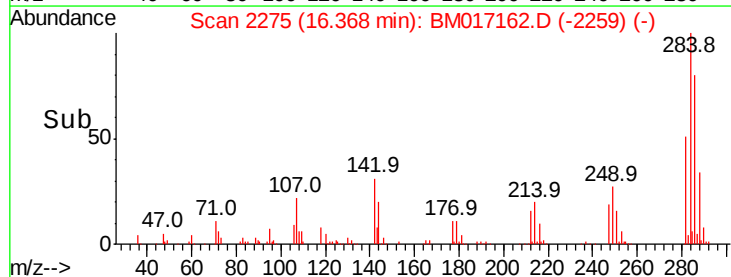
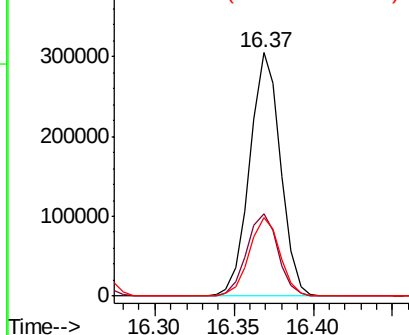


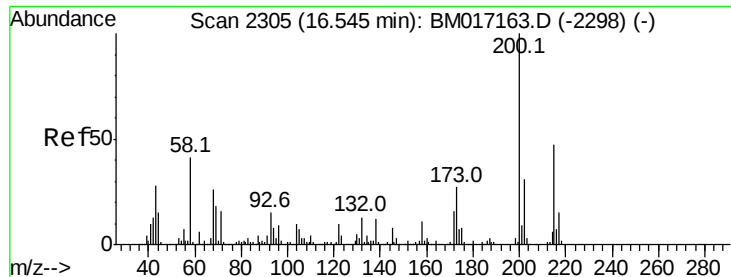
#68
Hexachlorobenzene
Concen: 23.382 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	25.0	37.6
249	32.0	25.5	38.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

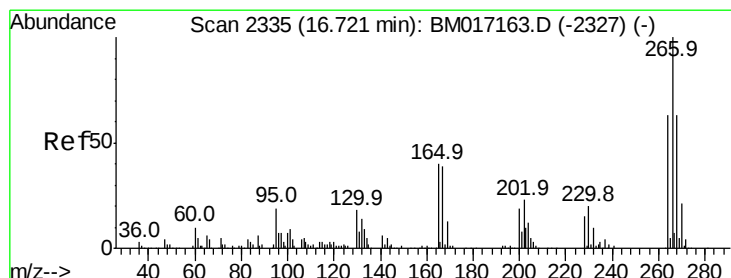
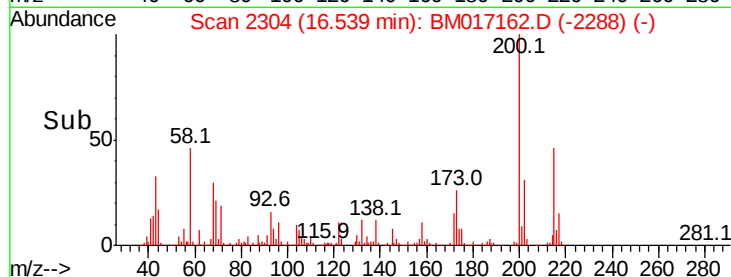
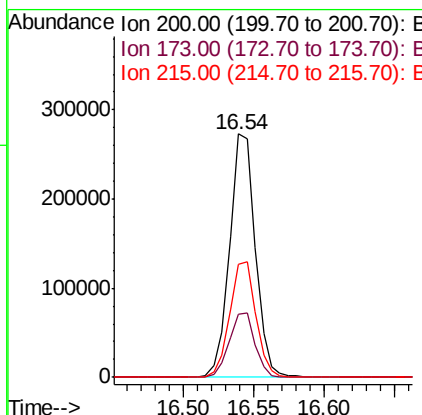
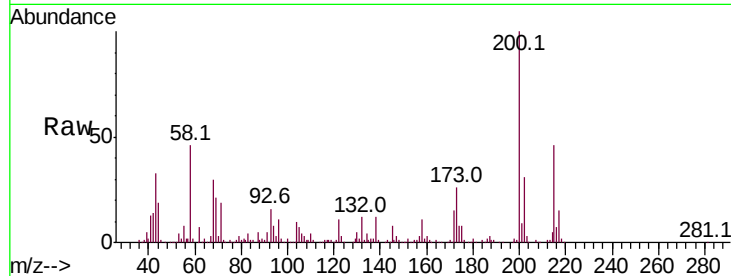




#69
 Atrazine
 Concen: 27.745 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BM017162.D
 Acq: 17 Oct 2018 11:01

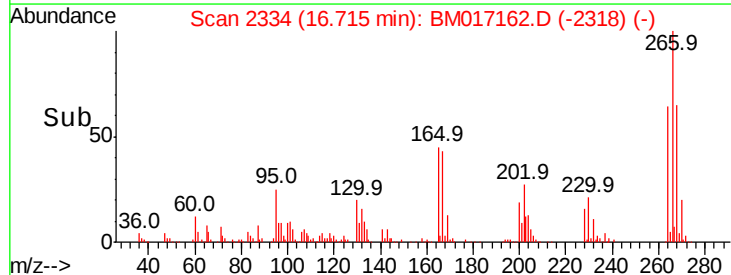
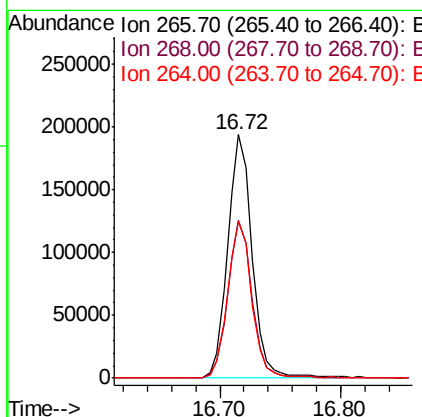
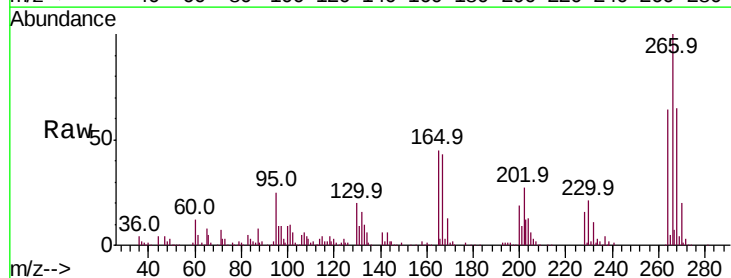
Instrument :
 BNA_M
 ClientSampleId :

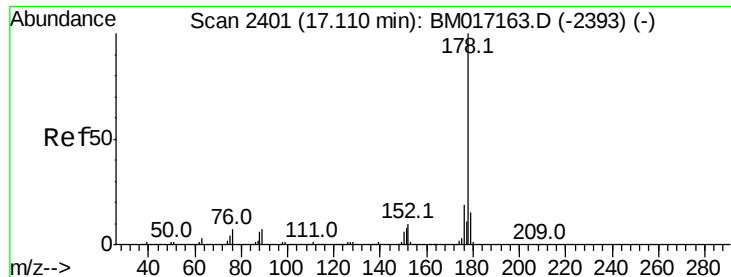
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	7.0	47.0
215	46.4	27.3	67.3



#70
 Pentachlorophenol
 Concen: 23.197 ng
 RT: 16.72 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BM017162.D
 Acq: 17 Oct 2018 11:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	50.7	76.1
264	64.2	50.4	75.6

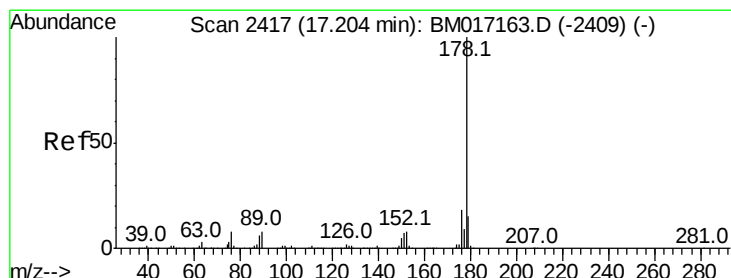
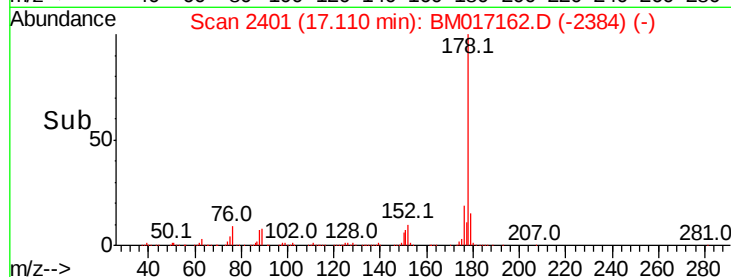
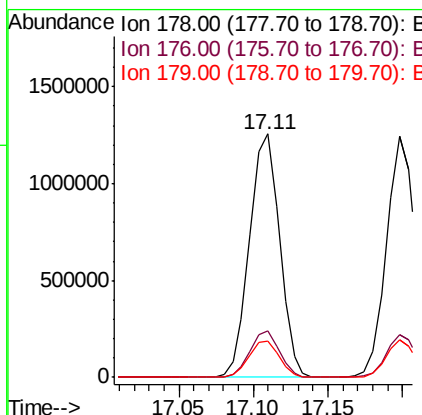
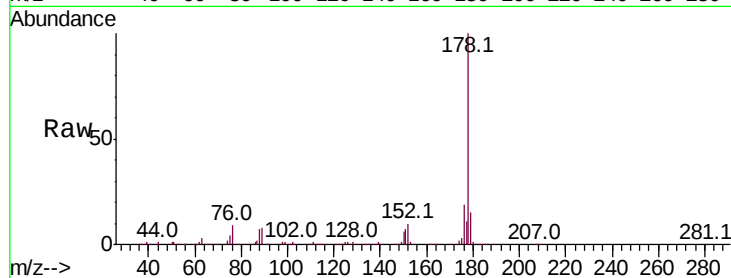




#71
Phenanthrene
Concen: 24.522 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

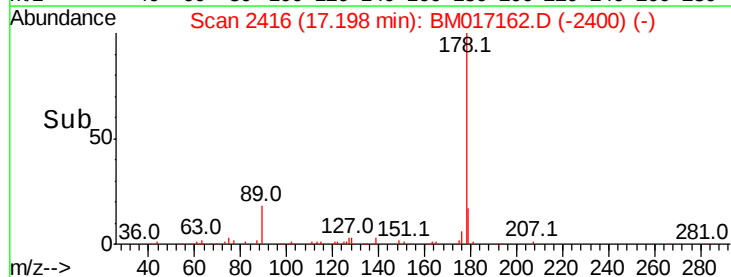
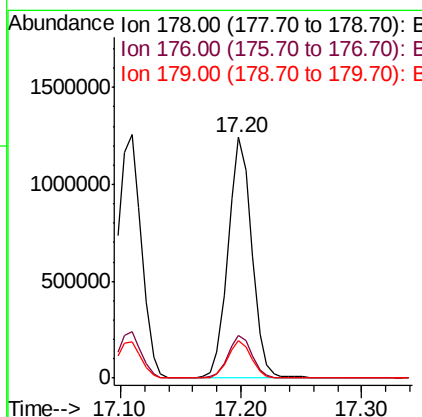
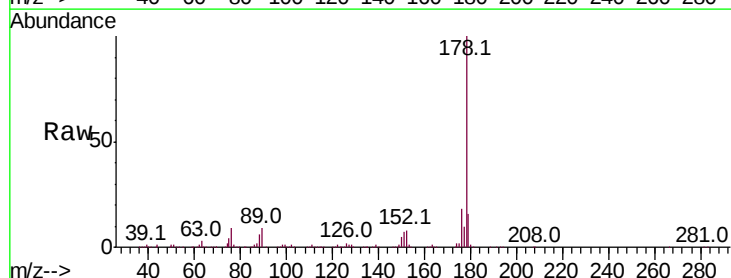
Instrument :
BNA_M
ClientSampleId :

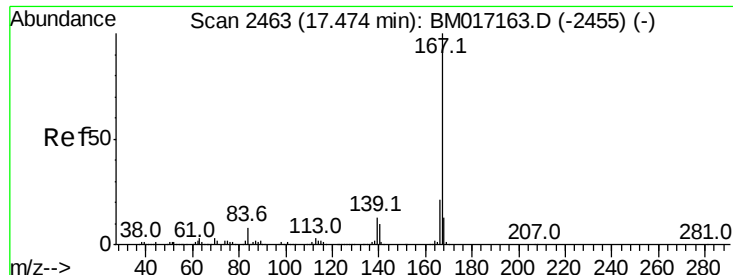
Tot Ion:178 Resp: 1749782
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 14.9 12.3 18.5



#72
Anthracene
Concen: 25.604 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Tgt Ion:178 Resp: 1702290
Ion Ratio Lower Upper
178 100
176 17.9 14.5 21.7
179 15.7 12.2 18.2



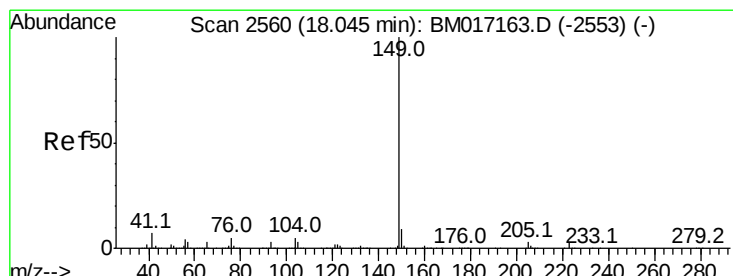
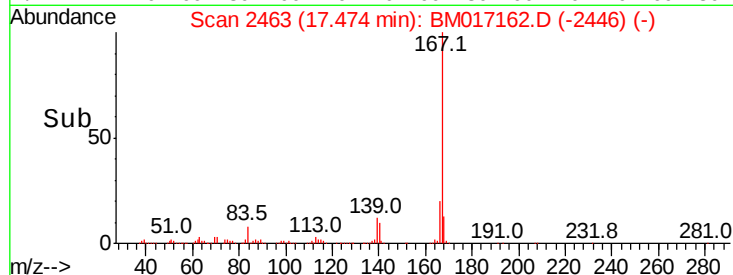
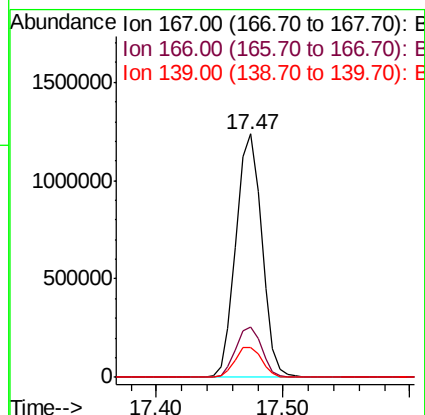
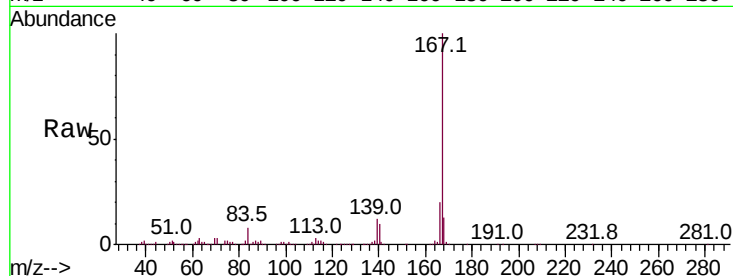


#73
 Carbazole
 Concen: 25.771 ng
 RT: 17.47 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: BM017162.D
 Acq: 17 Oct 2018 11:01

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 1746060

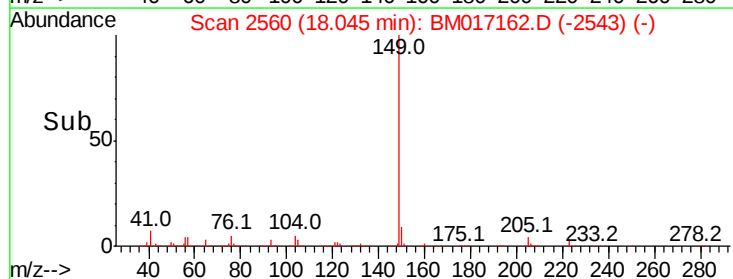
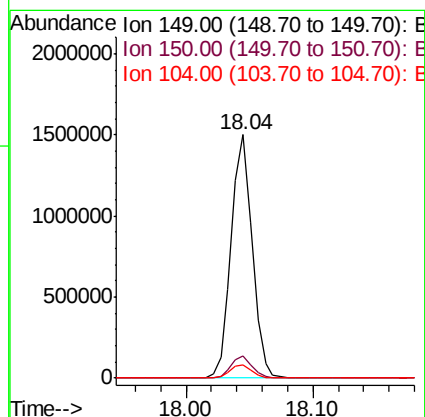
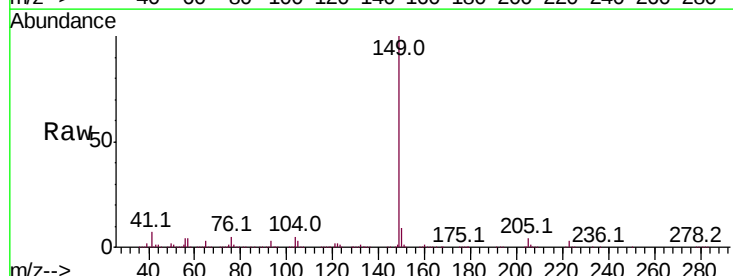
Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.1	25.7
139	12.4	10.1	15.1

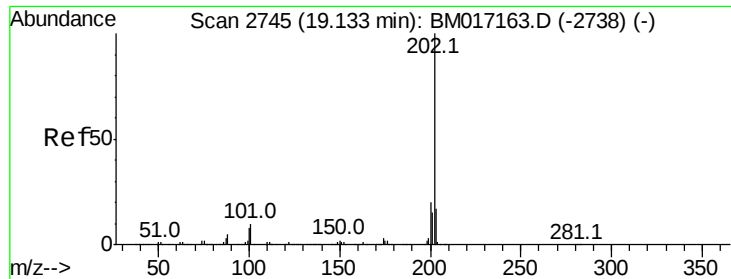


#74
 Di-n-butylphthalate
 Concen: 25.418 ng
 RT: 18.04 min Scan# 2560
 Delta R.T. 0.00 min
 Lab File: BM017162.D
 Acq: 17 Oct 2018 11:01

Tgt Ion:149 Resp: 1717387

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.3	4.3	6.5





#75

Fluoranthene

Concen: 25.228 ng

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Instrument :

BNA_M

ClientSampleId :

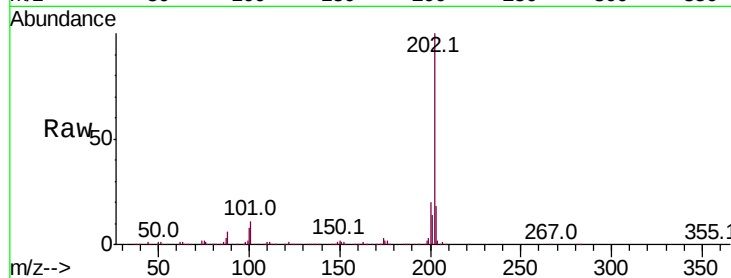
Tot Ion:202 Resp: 2019264

Ion Ratio Lower Upper

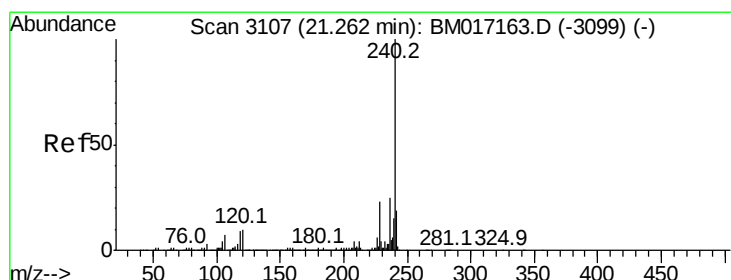
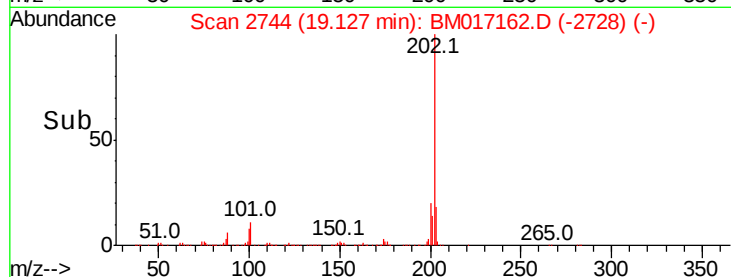
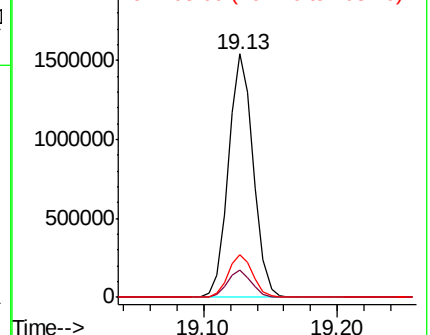
202 100

101 11.1 0.0 30.0

203 17.6 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

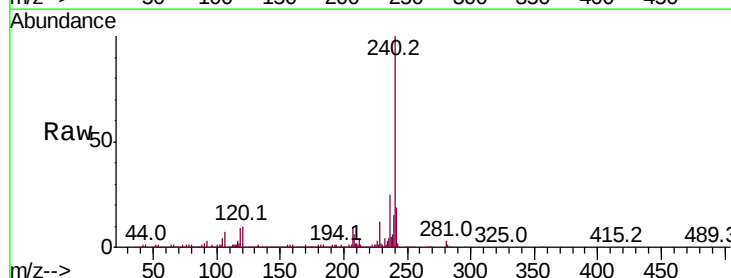
Tgt Ion:240 Resp: 1503761

Ion Ratio Lower Upper

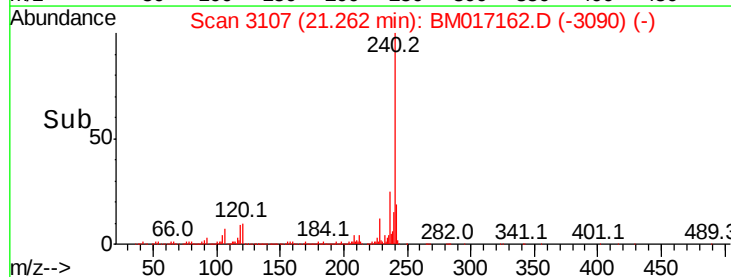
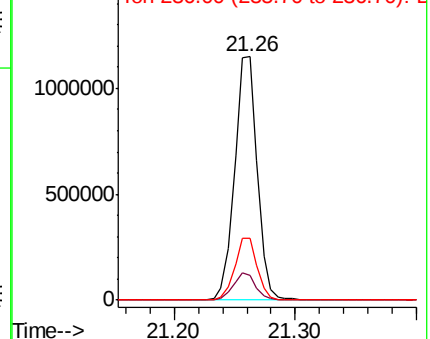
240 100

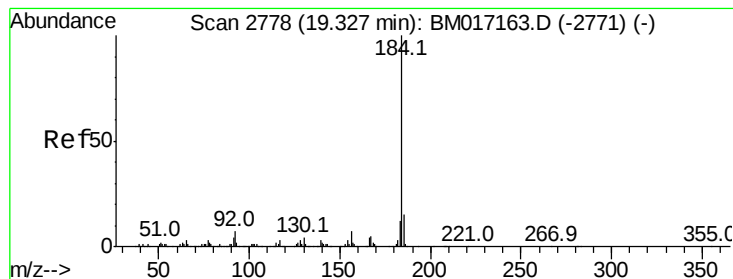
120 9.9 8.1 12.1

236 25.3 19.9 29.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.359 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

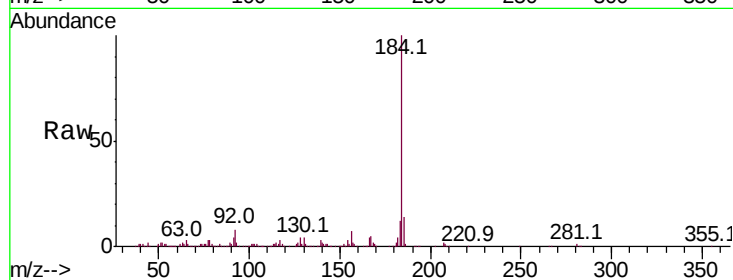
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 930770

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.8	17.8
183	11.7	9.7	14.5

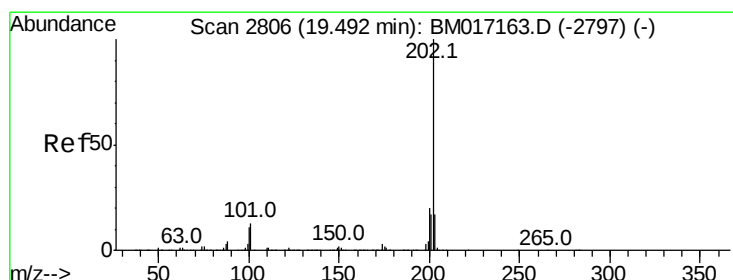
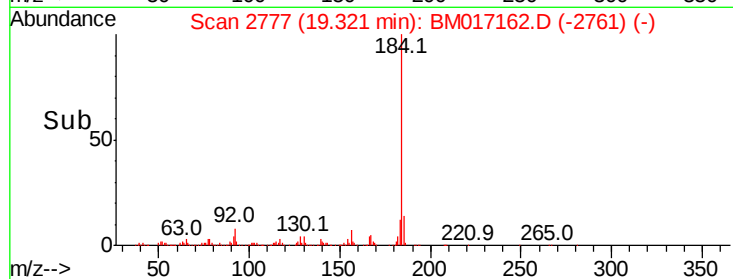
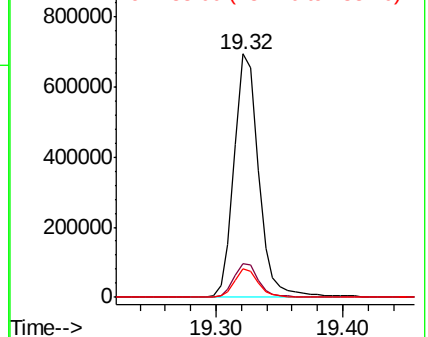


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 27.364 ng

RT: 19.49 min Scan# 2806

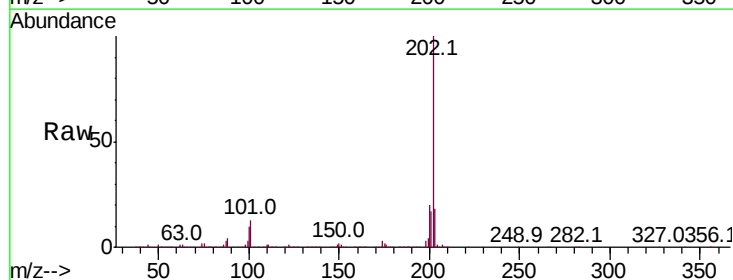
Delta R.T. -0.00 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Tgt Ion:202 Resp: 2163228

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.3	24.5
203	17.5	13.9	20.9

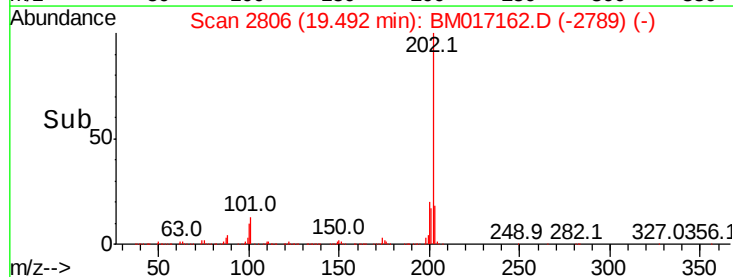
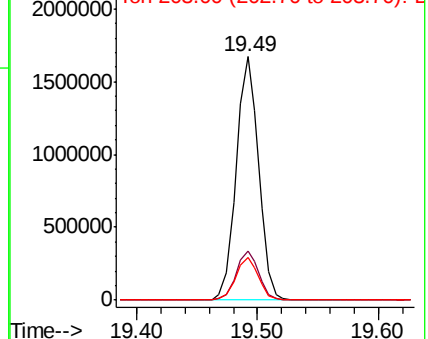


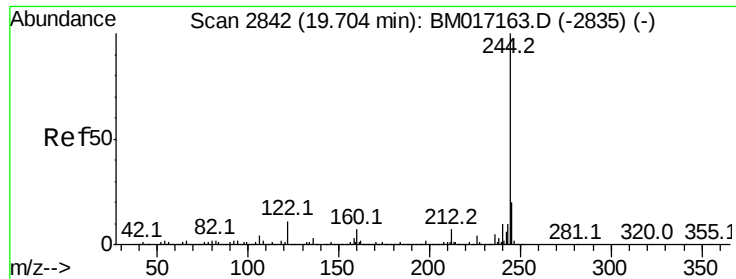
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 51.909 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

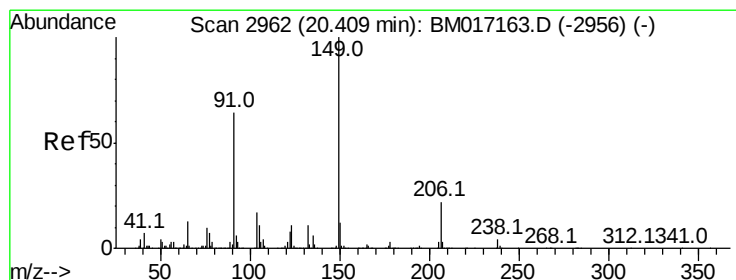
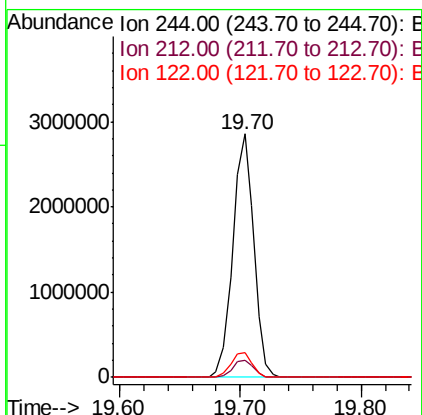
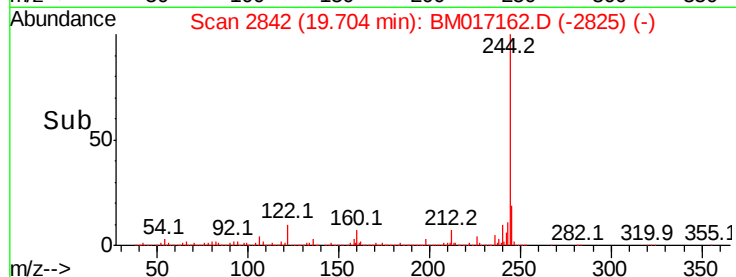
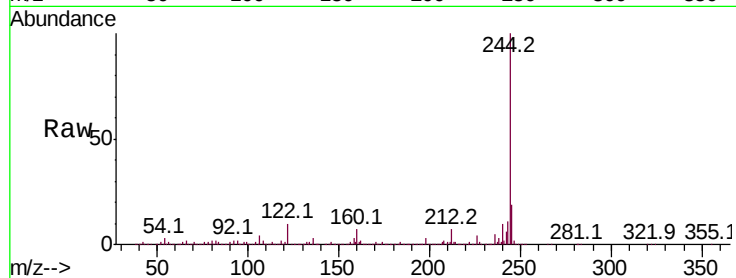
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 3443380

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	10.4	8.4	12.6



#80

Butylbenzylphthalate

Concen: 27.698 ng

RT: 20.40 min Scan# 2961

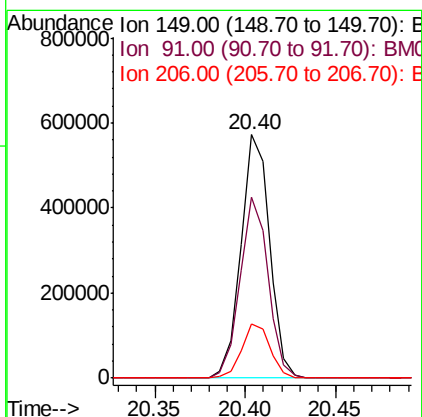
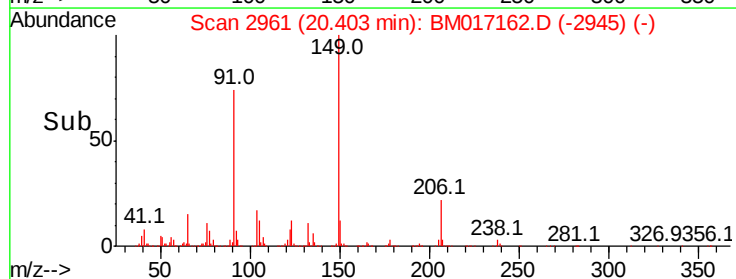
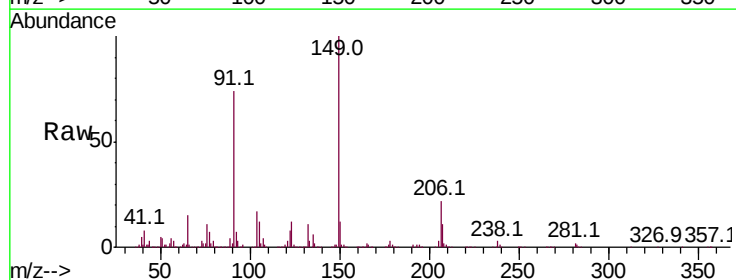
Delta R.T. -0.01 min

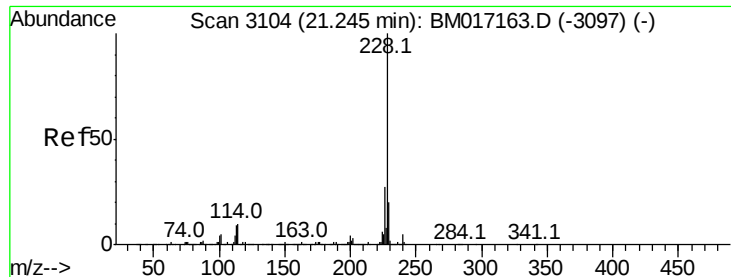
Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Tgt Ion:149 Resp: 628836

Ion	Ratio	Lower	Upper
149	100		
91	74.3	51.3	76.9
206	22.1	18.0	27.0





#81

Benzo(a)anthracene

Concen: 25.239 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

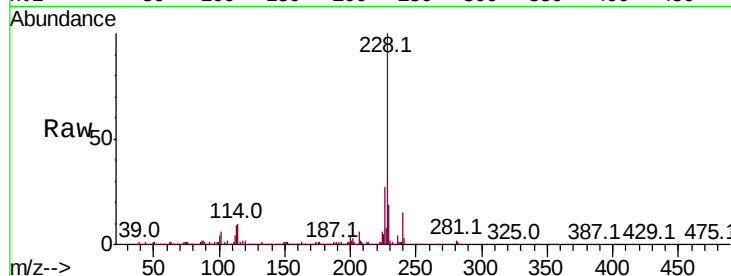
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 2140797

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.4	32.0
229	19.4	15.9	23.9

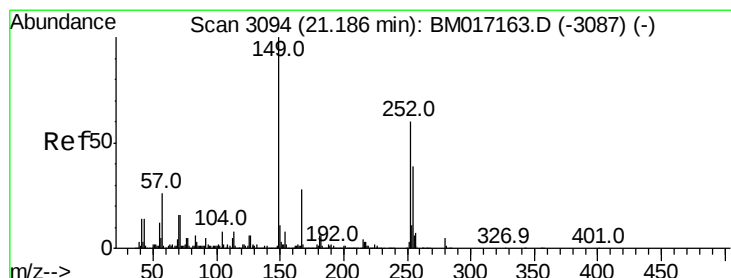
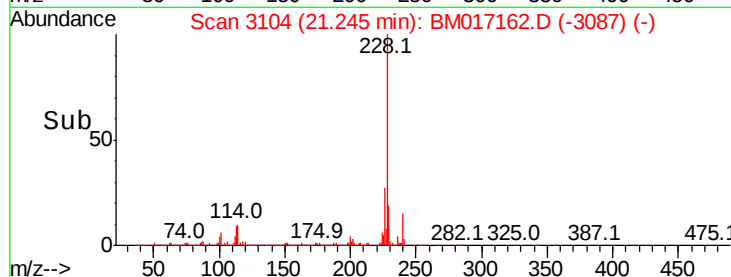
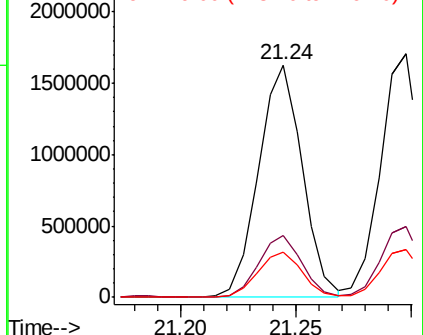


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.127 ng

RT: 21.19 min Scan# 3094

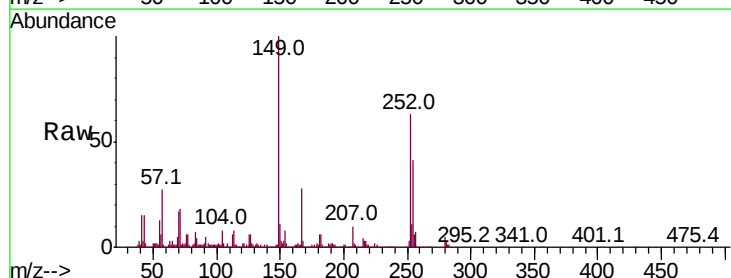
Delta R.T. -0.00 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Tgt Ion:252 Resp: 786184

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.1	78.1
126	10.2	8.6	12.8

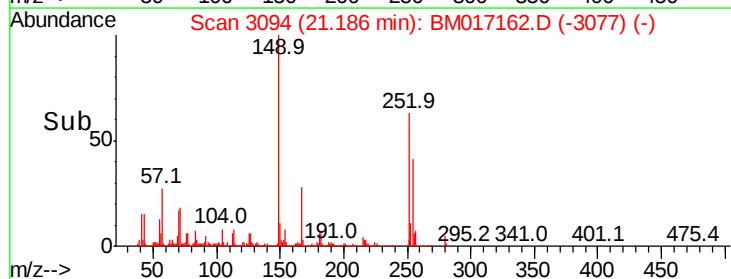
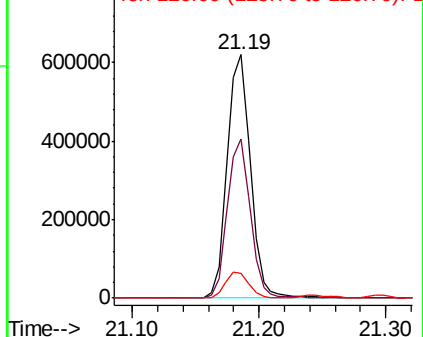


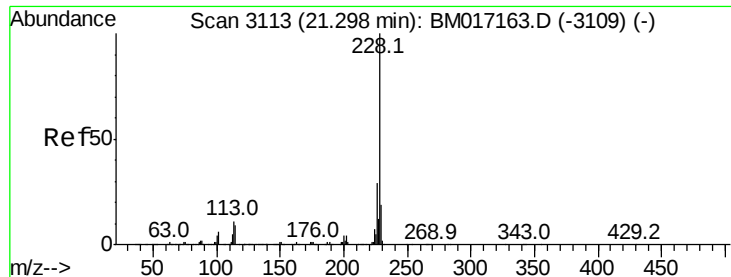
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 25.352 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Instrument :

BNA_M

ClientSampleId :

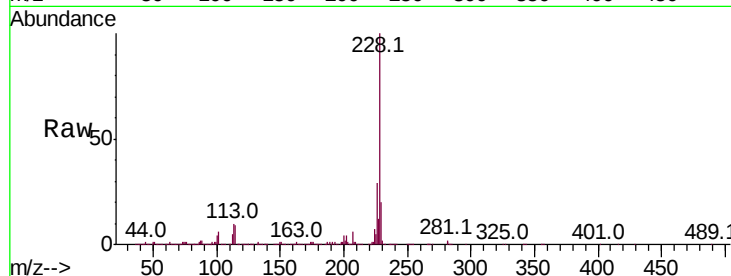
Tot Ion:228 Resp: 2124554

Ion Ratio Lower Upper

228 100

226 29.3 23.3 34.9

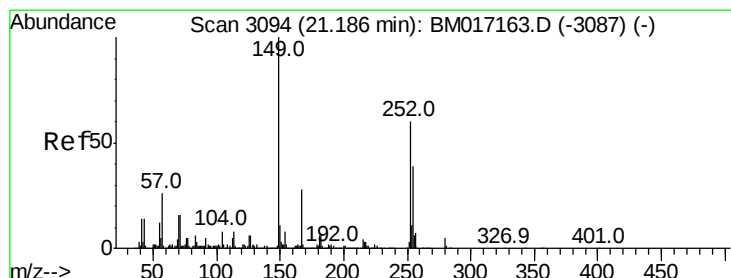
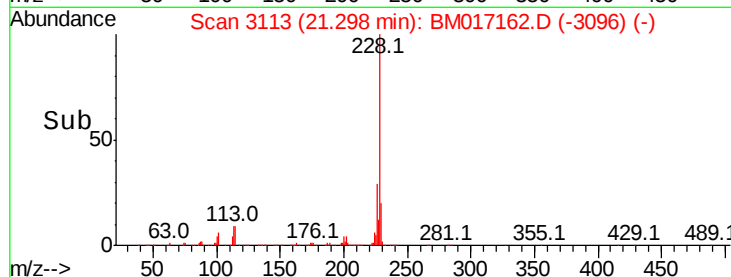
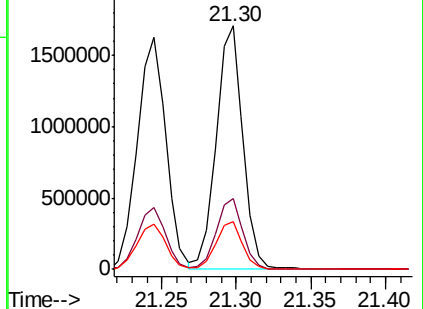
229 19.6 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 26.878 ng

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

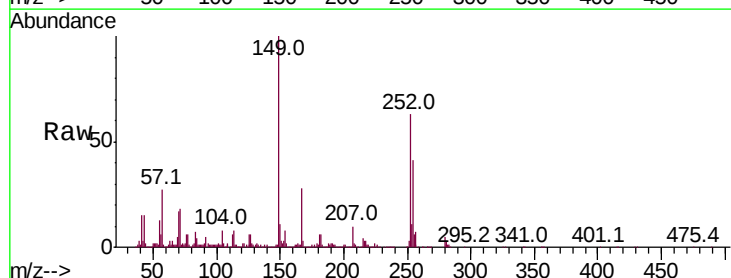
Tgt Ion:149 Resp: 1048697

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

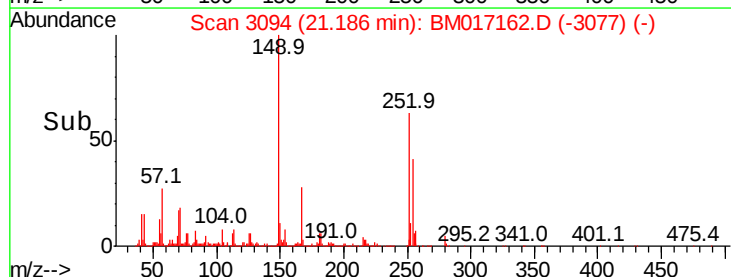
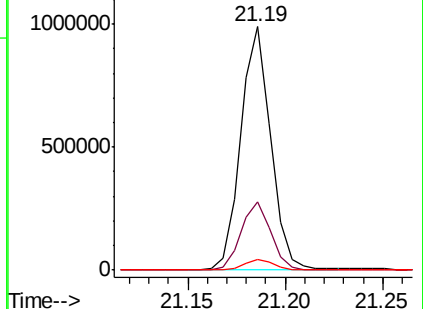
279 4.6 3.6 5.4

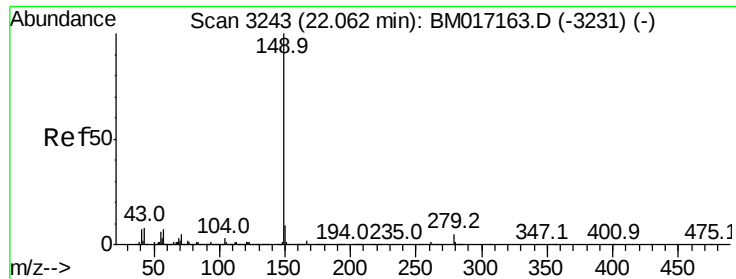


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

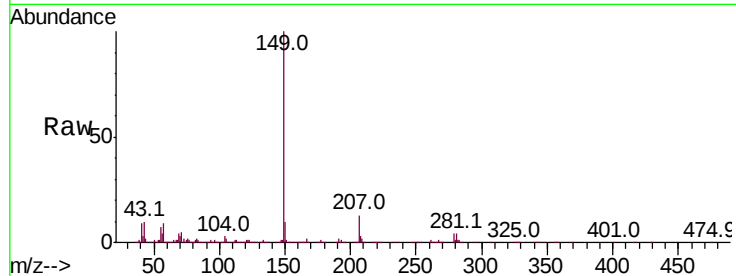




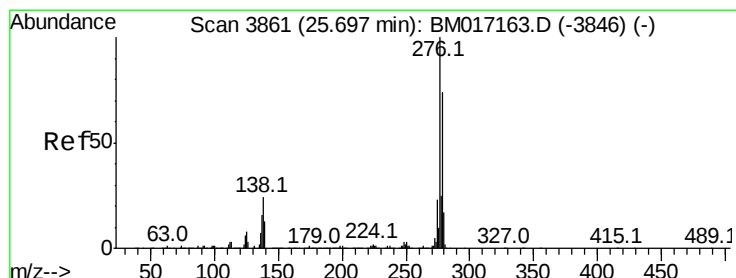
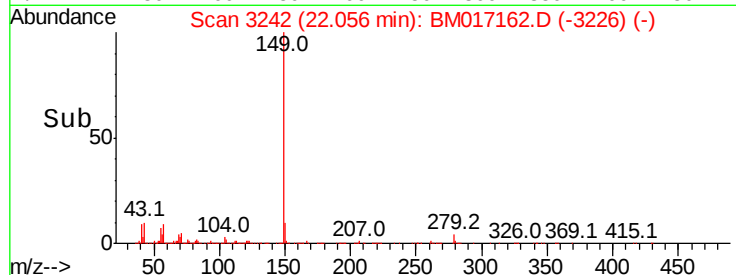
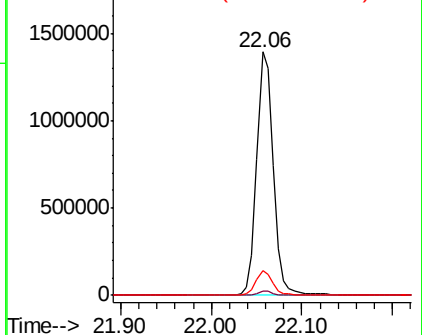
#85
Di-n-octyl phthalate
Concen: 26.072 ng
RT: 22.06 min Scan# 3242
Delta R.T. -0.01 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 1744634
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.3 7.2 10.8

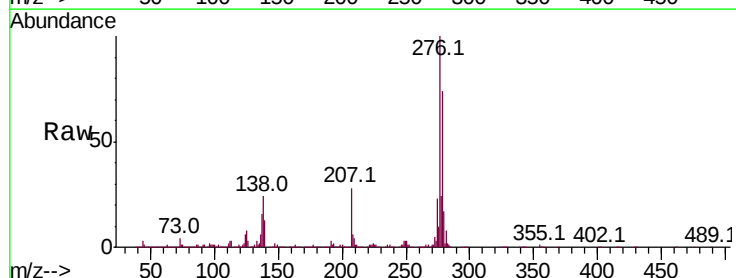


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

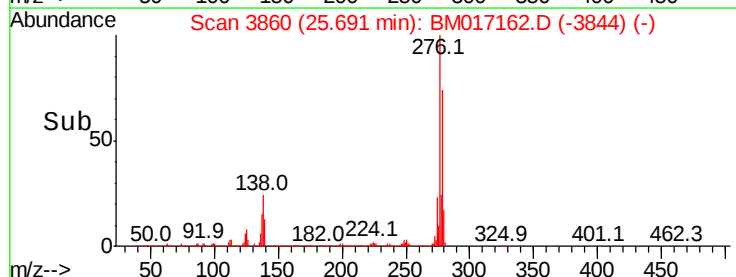
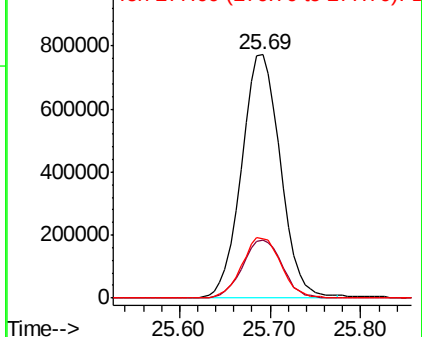


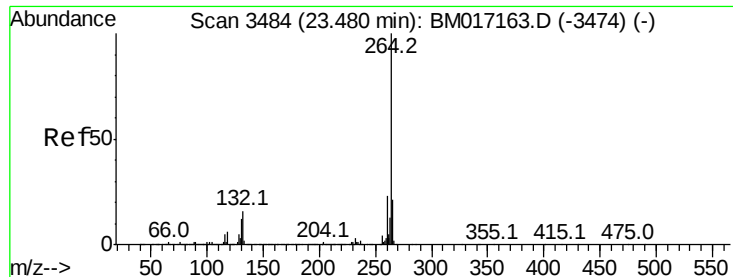
#86
Indeno(1,2,3-cd)pyrene
Concen: 22.910 ng
RT: 25.69 min Scan# 3860
Delta R.T. -0.01 min
Lab File: BM017162.D
Acq: 17 Oct 2018 11:01

Tgt Ion:276 Resp: 2311902
Ion Ratio Lower Upper
276 100
138 24.4 19.5 29.3
277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.47 min Scan# 3483

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Instrument :

BNA_M

ClientSampleId :

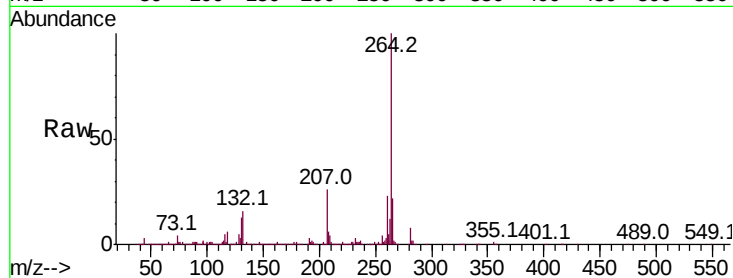
Tot Ion:264 Resp: 1498959

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	22.0	17.8	26.8

264 100

260 22.7 18.6 27.8

265 22.0 17.8 26.8

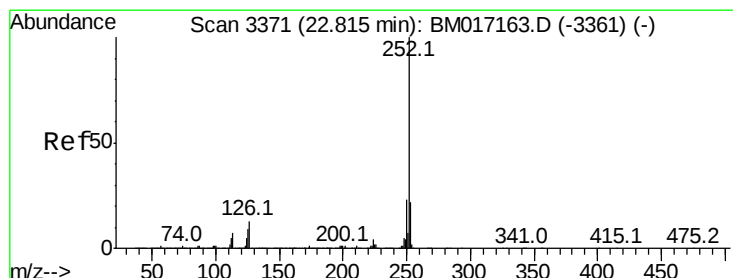
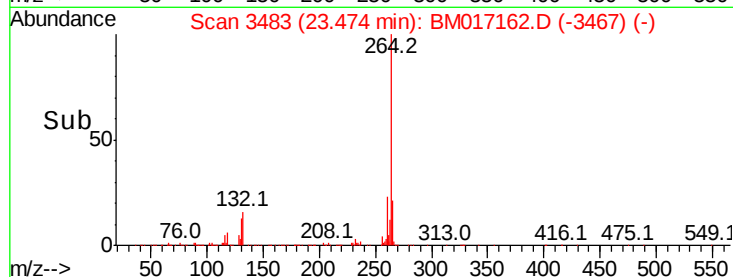
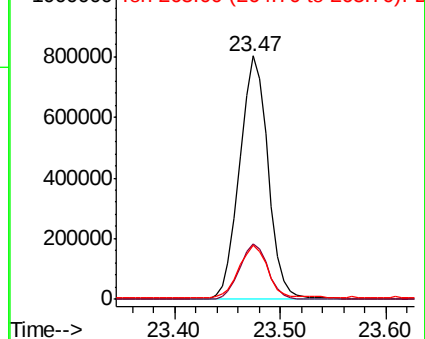


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 25.193 ng

RT: 22.81 min Scan# 3370

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

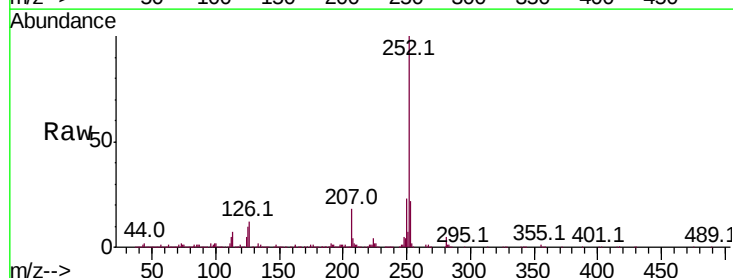
Tgt Ion:252 Resp: 2081786

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	9.7	7.5	11.3

252 100

253 21.7 17.4 26.2

125 9.7 7.5 11.3

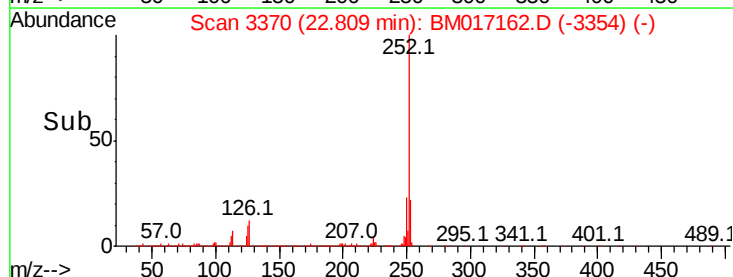
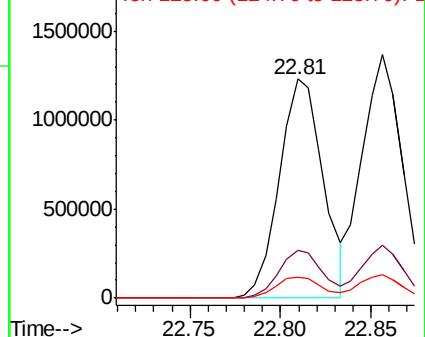


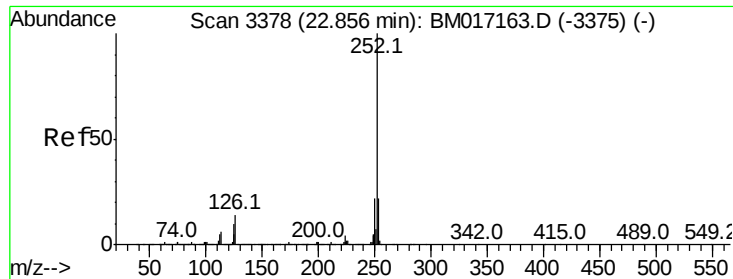
Abundance

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(k)fluoranthene

Concen: 25.429 ng

RT: 22.86 min Scan# 3378

Delta R.T. -0.00 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Instrument :

BNA_M

ClientSampleId :

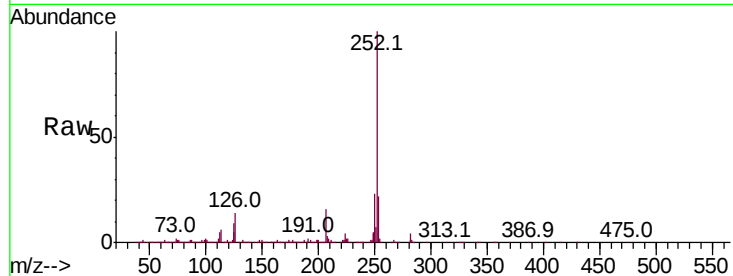
Tot Ion:252 Resp: 2113542

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

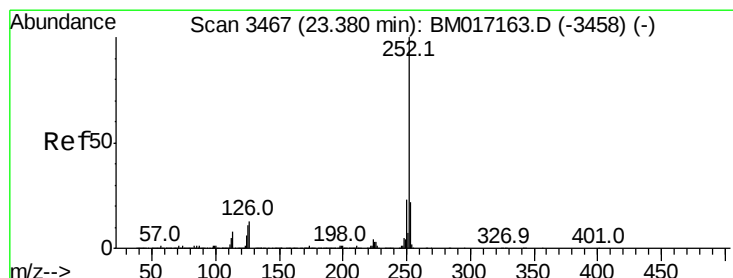
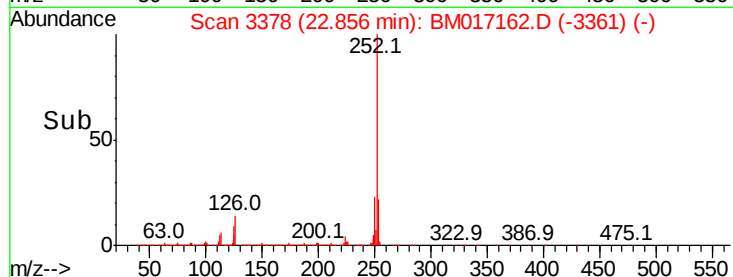
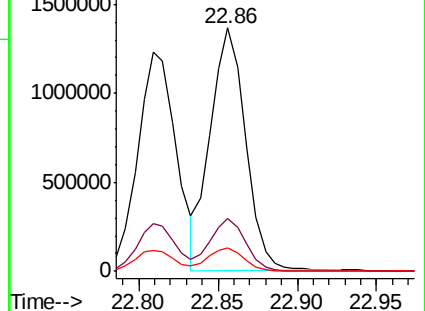
125 9.5 8.2 12.2



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

Benzo(a)pyrene

Concen: 24.798 ng

RT: 23.38 min Scan# 3467

Delta R.T. -0.00 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

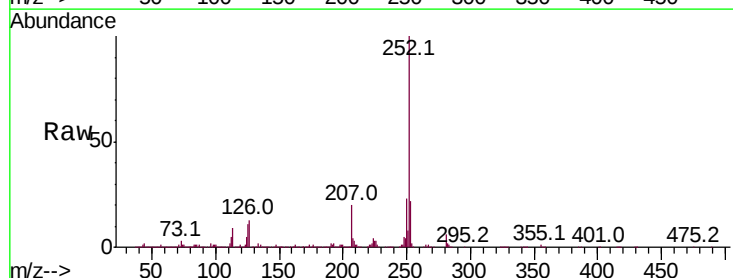
Tgt Ion:252 Resp: 1962616

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

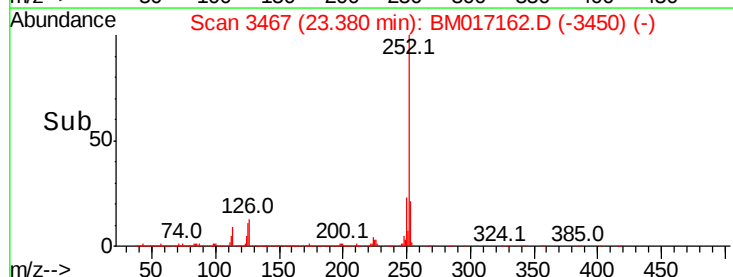
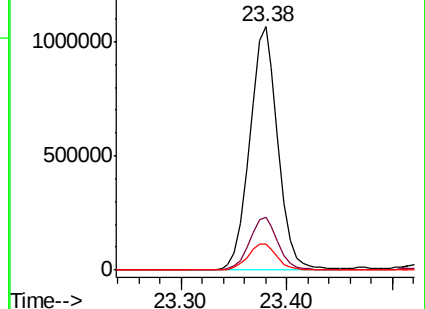
125 10.6 8.6 13.0

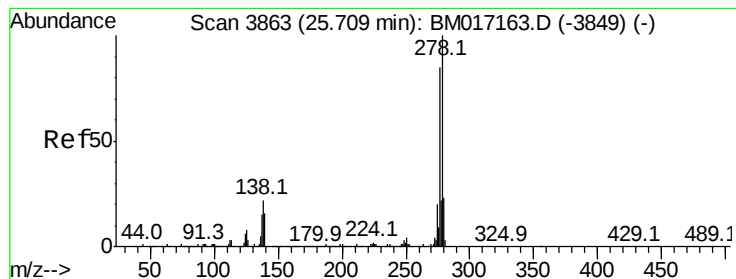


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 23.713 ng

RT: 25.70 min Scan# 3862

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

Instrument :

BNA_M

ClientSampled :

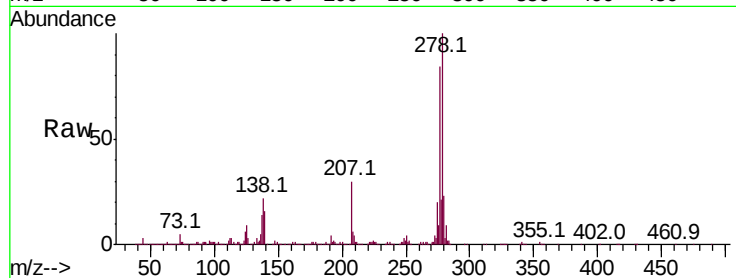
Tot Ion:278 Resp: 1941603

Ion Ratio Lower Upper

278 100

139 15.8 12.7 19.1

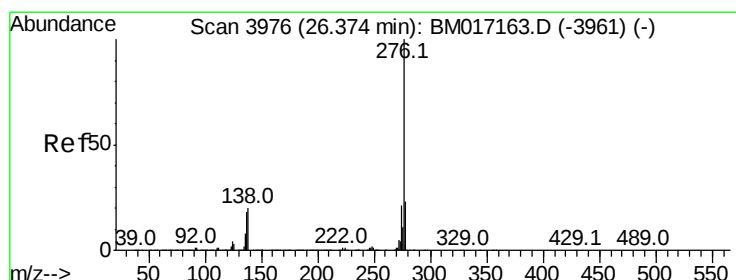
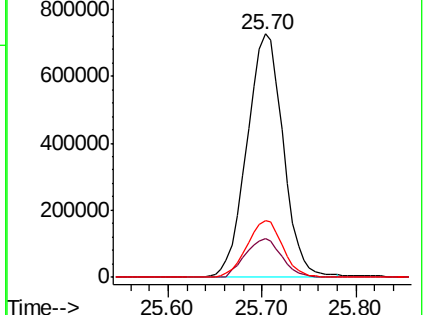
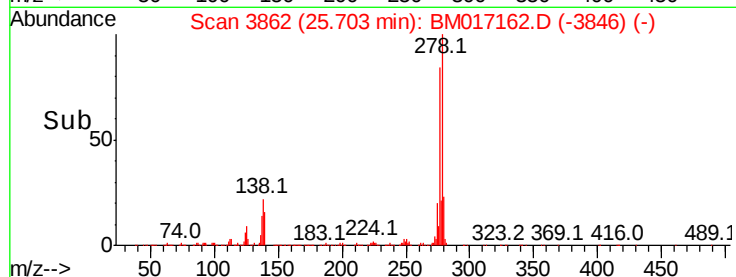
279 23.3 18.7 28.1



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



#92

Benzo(g,h,i)perylene

Concen: 23.619 ng

RT: 26.37 min Scan# 3975

Delta R.T. -0.01 min

Lab File: BM017162.D

Acq: 17 Oct 2018 11:01

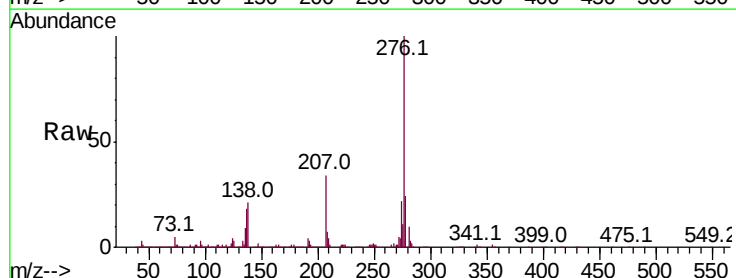
Tgt Ion:276 Resp: 1908169

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 20.6 16.4 24.6



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

