

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
 Data File : BM017167.D
 Acq On : 17 Oct 2018 14:25
 Operator : MJ/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 17 14:58:15 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 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	225097	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	956753	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	555606	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1268859	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1485624	20.00	ng	0.00
87) Perylene-d12	23.48	264	1513938	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1078581	81.04	ng	0.00
7) Phenol-d6	6.86	99	1449049	79.94	ng	0.00
23) Nitrobenzene-d5	8.83	82	1401061	85.65	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	620887	82.63	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3370595	80.72	ng	0.00
79) Terphenyl-d14	19.70	244	5376504	81.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	263439	38.764	ng	89
3) Pyridine	3.65	79	632241	40.432	ng	87
4) n-Nitrosodimethylamine	3.56	42	237464	37.828	ng	# 73
6) Aniline	7.02	93	909831	40.131	ng	97
8) 2-Chlorophenol	7.25	128	621183	40.345	ng	97
9) Benzaldehyde	6.83	77	452645	39.165	ng	96
10) Phenol	6.88	94	769792	39.461	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	612858	39.410	ng	100
12) 1,3-Dichlorobenzene	7.56	146	705235	39.292	ng	98
13) 1,4-Dichlorobenzene	7.71	146	720045	39.266	ng	98
14) 1,2-Dichlorobenzene	8.02	146	700332	39.639	ng	99
15) Benzyl Alcohol	7.92	79	549736	41.492	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	802558	36.940	ng	99
17) 2-Methylphenol	8.12	107	501600	40.060	ng	99
18) Hexachloroethane	8.74	117	248058	39.528	ng	99
19) n-Nitroso-di-n-propylamine	8.48	70	487166	40.818	ng	97
20) 3+4-Methylphenols	8.45	107	702727	41.033	ng	98
22) Acetophenone	8.50	105	968325	39.927	ng	99
24) Nitrobenzene	8.87	77	722652	41.762	ng	94
25) Isophorone	9.40	82	1140985	42.238	ng	99
26) 2-Nitrophenol	9.57	139	327619	41.351	ng	98
27) 2,4-Dimethylphenol	9.64	122	502025	42.029	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	777600	40.898	ng	100
29) 2,4-Dichlorophenol	10.10	162	593848	42.820	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	675006	40.573	ng	97
31) Naphthalene	10.50	128	1879310	40.082	ng	99
32) Benzoic acid	9.77	122	399246	44.797	ng	92
33) 4-Chloroaniline	10.62	127	842062	41.584	ng	98
34) Hexachlorobutadiene	10.79	225	418040	39.657	ng	100
35) Caprolactam	11.41	113	212053	41.956	ng	95
36) 4-Chloro-3-methylphenol	11.75	107	662412	42.373	ng	98
37) 2-Methylnaphthalene	12.12	142	1318449	41.093	ng	99
38) 1-Methylnaphthalene	12.34	142	1281290	41.031	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	785077	40.123	ng	99

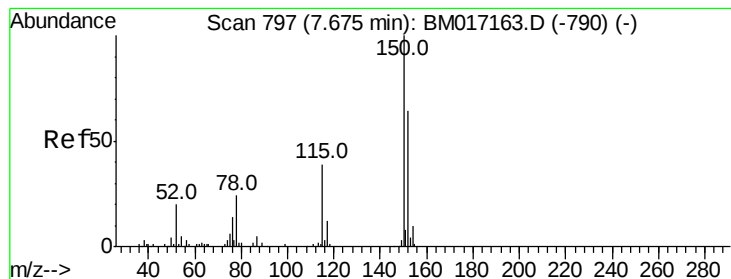
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	411949	43.550	nq	99
43) 2,4,6-Trichlorophenol	12.74	196	489635	43.108	nq	99
44) 2,4,5-Trichlorophenol	12.81	196	521835	42.844	nq	97
46) 1,1'-Biphenyl	13.15	154	2005553	40.112	nq	99
47) 2-Chloronaphthalene	13.19	162	1489087	40.484	nq	99
48) 2-Nitroaniline	13.40	65	411330	40.580	nq	97
49) Acenaphthylene	14.04	152	2240529	42.023	nq	99
50) Dimethylphthalate	13.79	163	1782399	41.581	nq	100
51) 2,6-Dinitrotoluene	13.90	165	395594	41.931	nq	96
52) Acenaphthene	14.38	154	1345633	40.197	nq	98
53) 3-Nitroaniline	14.23	138	429335	42.018	nq	94
54) 2,4-Dinitrophenol	14.44	184	208977	42.101	nq	97
55) Dibenzofuran	14.72	168	2225621	39.979	nq	100
56) 4-Nitrophenol	14.55	139	357790	40.872	nq	97
57) 2,4-Dinitrotoluene	14.69	165	543112	42.831	nq	97
58) Fluorene	15.37	166	1671408	40.563	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	473752	42.671	nq	98
60) Diethylphthalate	15.16	149	1811120	42.604	nq	99
61) 4-Chlorophenyl-phenylether	15.37	204	952063	40.529	nq	97
62) 4-Nitroaniline	15.40	138	458715	40.997	nq	97
63) Azobenzene	15.66	77	1717192	41.559	nq	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	333432	41.954	nq	96
66) n-Nitrosodiphenylamine	15.59	169	1616226	42.101	nq	99
67) 4-Bromophenyl-phenylether	16.26	248	598526	42.960	nq	94
68) Hexachlorobenzene	16.37	284	656467	40.564	nq	99
69) Atrazine	16.54	200	588759	42.851	nq	98
70) Pentachlorophenol	16.72	266	471536	42.533	nq	100
71) Phenanthrene	17.11	178	2768443	40.439	nq	100
72) Anthracene	17.20	178	2739783	42.119	nq	99
73) Carbazole	17.47	167	2812536	42.327	nq	99
74) Di-n-butylphthalate	18.04	149	3030006	43.235	nq	100
75) Fluoranthene	19.13	202	3279711	42.575	nq	99
77) Benzidine	19.33	184	1799339	47.766	nq	98
78) Pyrene	19.49	202	3456255	41.625	nq	100
80) Butylbenzylphthalate	20.41	149	1284681	41.757	nq	95
81) Benzo(a)anthracene	21.24	228	3406960	40.752	nq	100
82) 3,3'-Dichlorobenzidine	21.19	252	1327314	42.598	nq	100
83) Chrysene	21.30	228	3310192	40.003	nq	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	1978951	41.717	nq	99
85) Di-n-octyl phthalate	22.06	149	3284242	41.018	nq	100
86) Indeno(1,2,3-cd)pyrene	25.70	276	3748062	40.496	nq	99
88) Benzo(b)fluoranthene	22.82	252	3367750	40.687	nq	100
89) Benzo(k)fluoranthene	22.86	252	3367420	40.544	nq	99
90) Benzo(a)pyrene	23.39	252	3209905	40.844	nq	99
91) Dibenzo(a,h)anthracene	25.71	278	3170096	40.623	nq	100
92) Benzo(g,h,i)perylene	26.38	276	3110713	40.219	nq	98

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

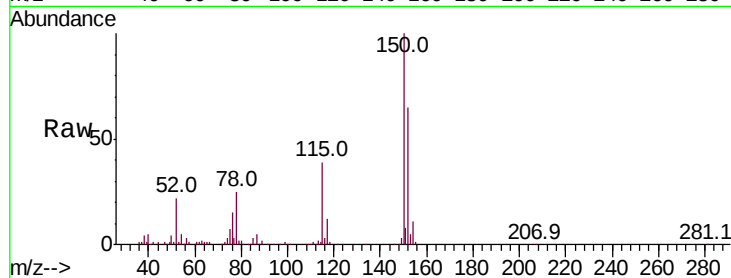


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.3	186.5
115	59.7	48.1	72.1

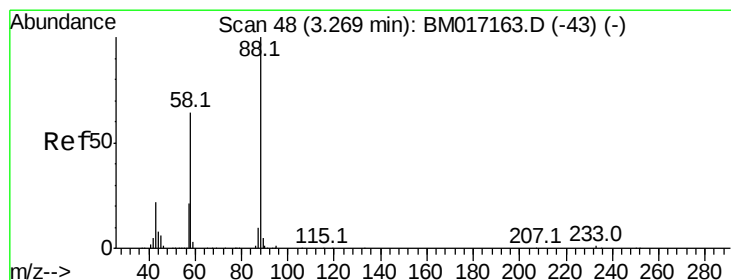
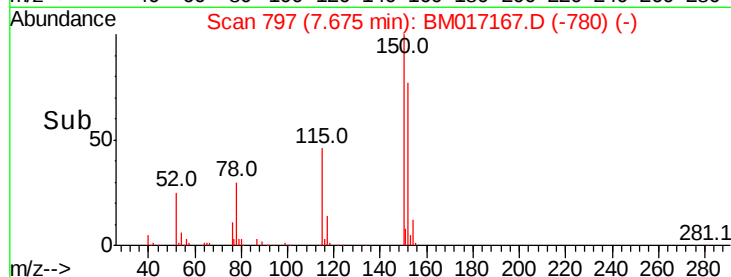
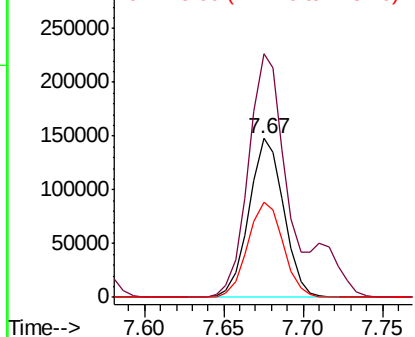


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

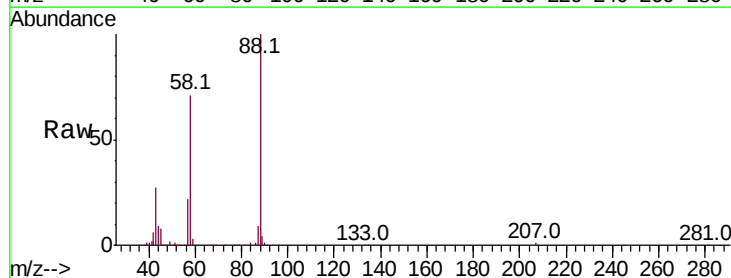
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.764 ng
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.2	50.2	75.4
43	28.2	19.3	28.9

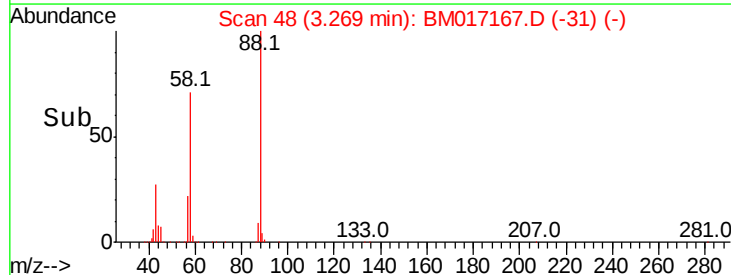
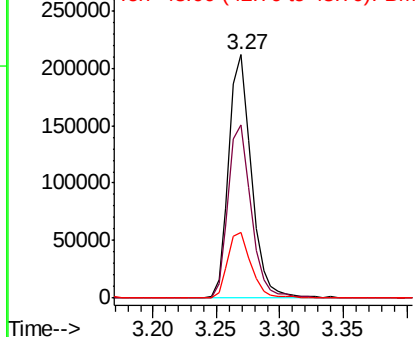


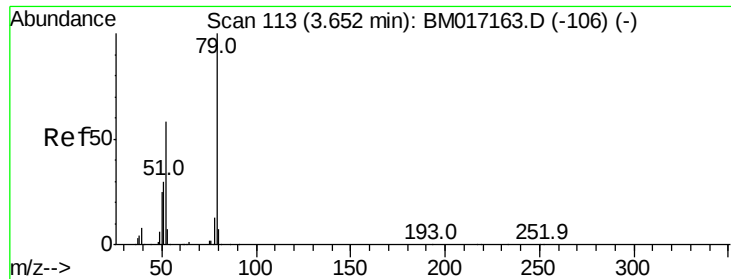
Abundance

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: 40.432 ng

RT: 3.65 min Scan# 113

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

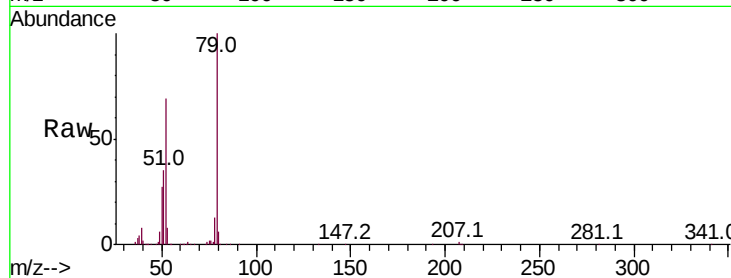
Tot Ion: 79 Resp: 632241

Ion Ratio Lower Upper

79 100

52 69.3 46.5 69.7

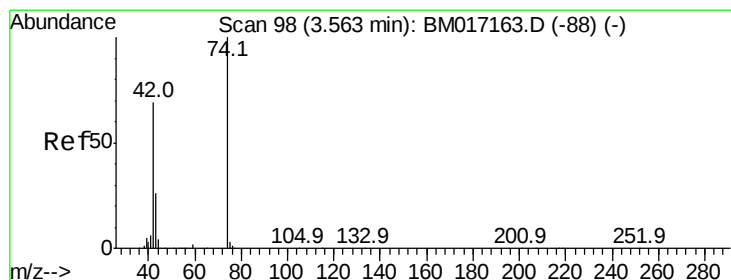
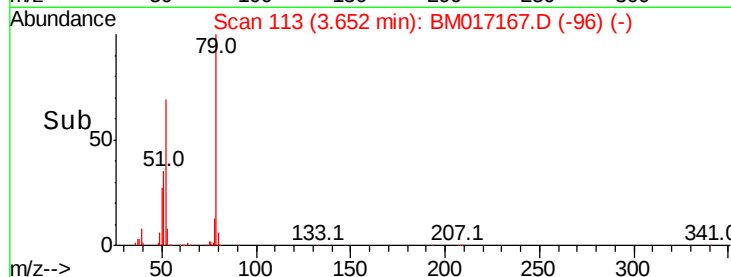
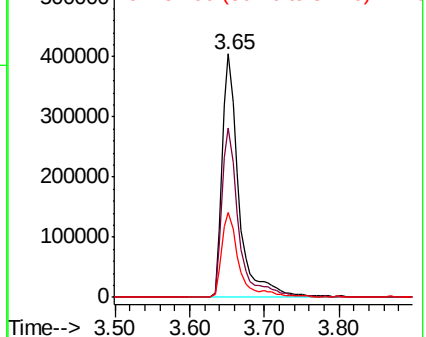
51 35.1 24.6 37.0



Abundance Ion 79.00 (78.70 to 79.70): BM017167.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017167.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017167.D (-106) (-)



#4

n-Nitrosodimethylamine

Concen: 37.828 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

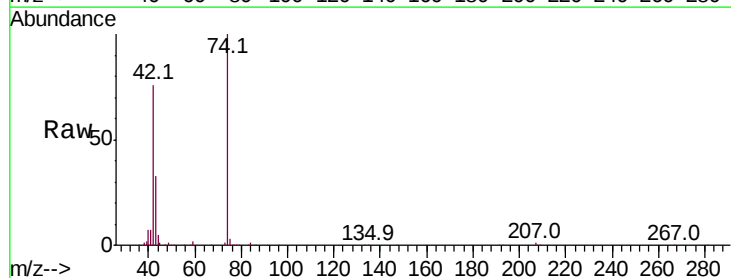
Tgt Ion: 42 Resp: 237464

Ion Ratio Lower Upper

42 100

74 132.0 114.4 171.6

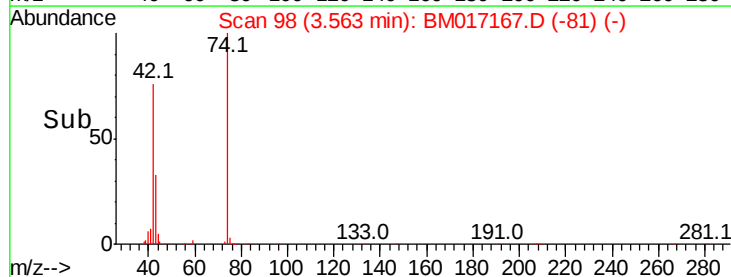
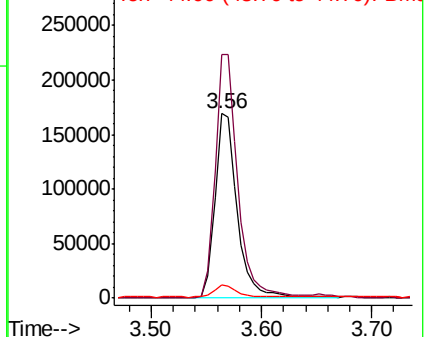
44 7.1 48.6 73.0#

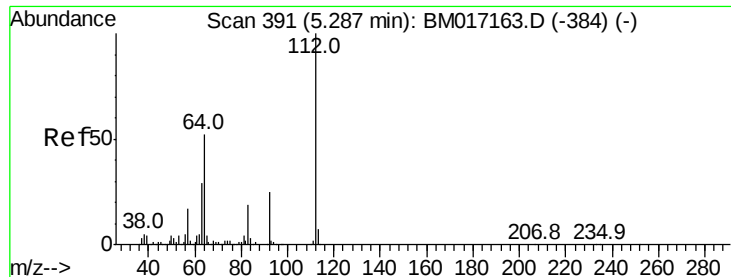


Abundance Ion 42.00 (41.70 to 42.70): BM017167.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM017167.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017167.D (-88) (-)





#5

2-Fluorophenol

Concen: 81.042 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

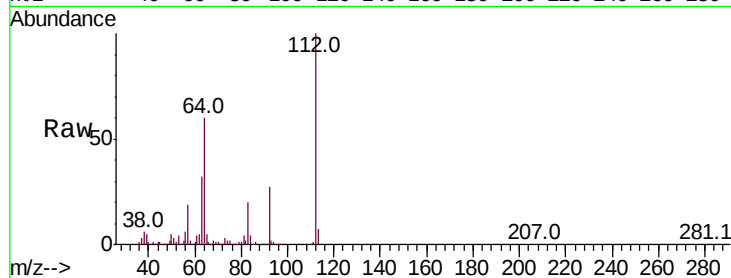
Tot Ion:112 Resp: 1078581

Ion Ratio Lower Upper

112 100

64 59.6 41.7 62.5

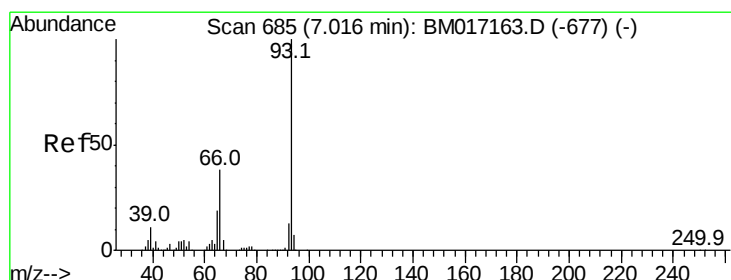
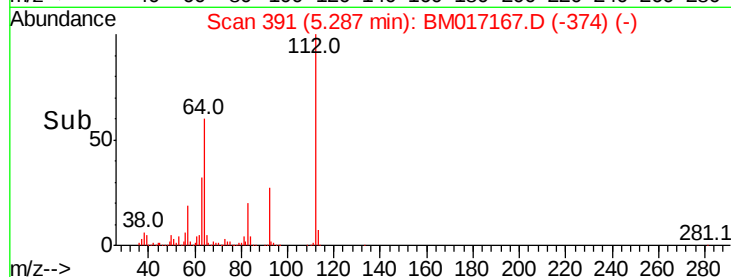
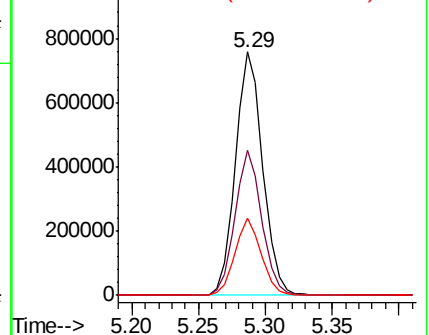
63 31.6 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 40.131 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

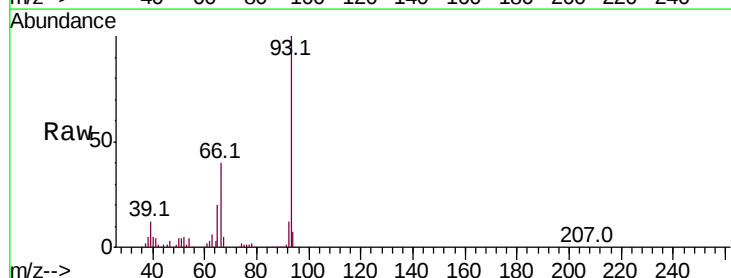
Tgt Ion: 93 Resp: 909831

Ion Ratio Lower Upper

93 100

66 40.4 30.4 45.6

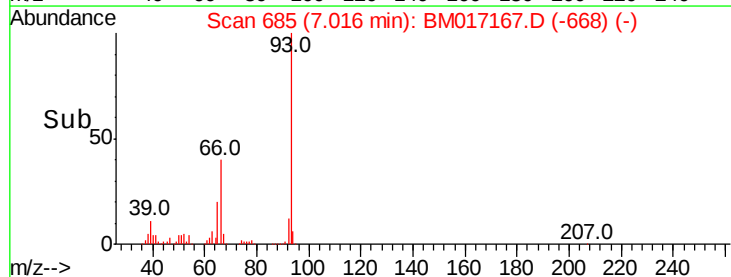
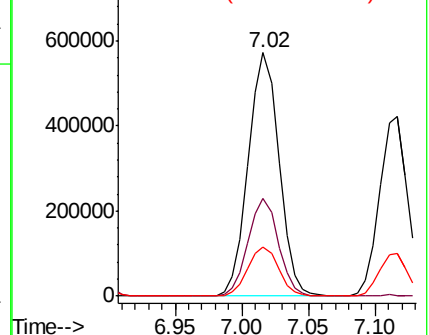
65 20.0 15.3 22.9

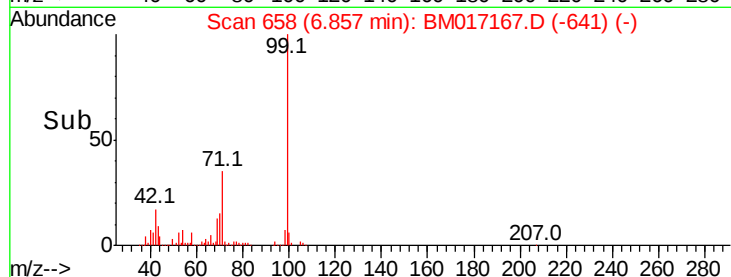
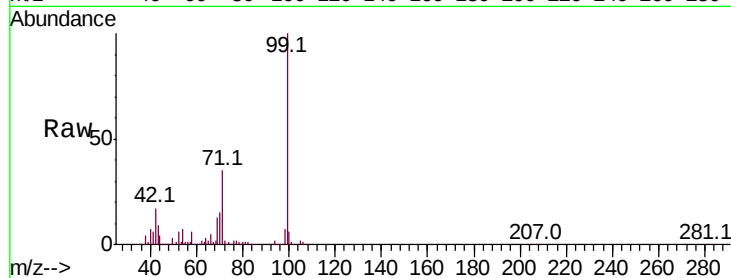
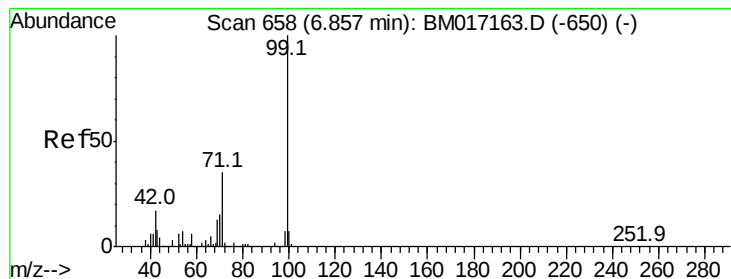


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 79.944 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

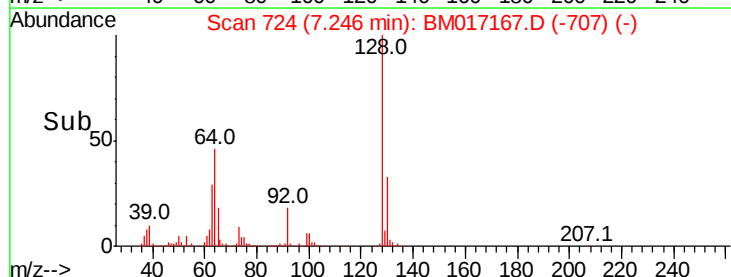
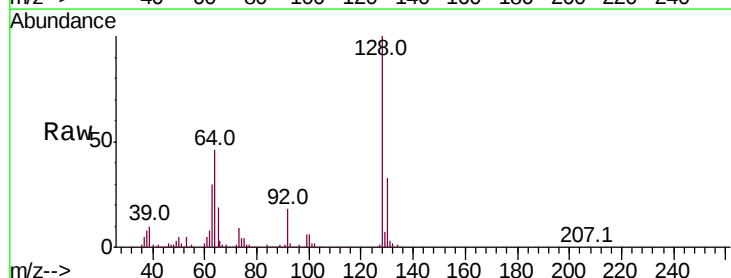
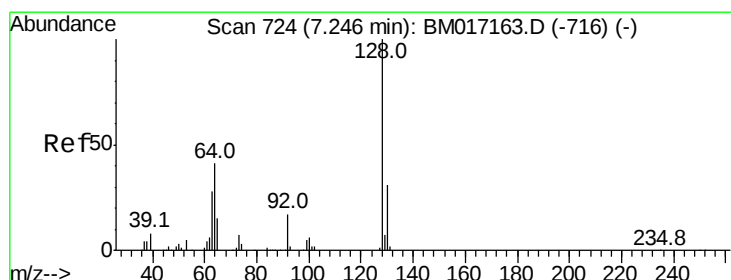
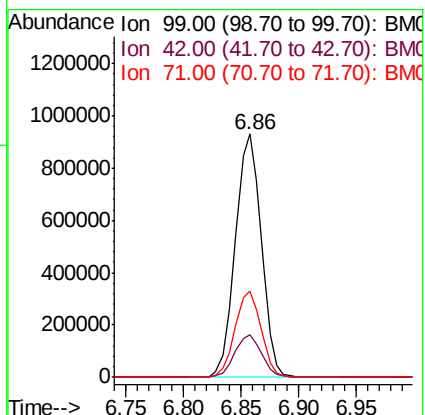
Tot Ion: 99 Resp: 1449049

Ion Ratio Lower Upper

99 100

42 17.4 13.3 19.9

71 35.3 28.0 42.0



#8

2-Chlorophenol

Concen: 40.345 ng

RT: 7.25 min Scan# 724

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

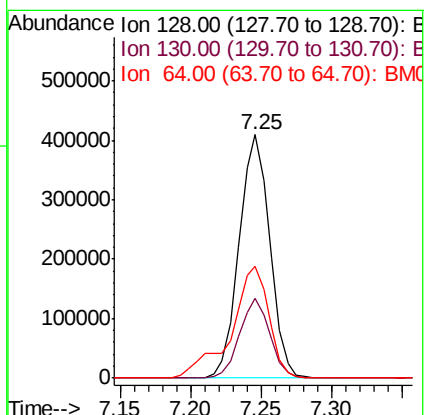
Tgt Ion: 128 Resp: 621183

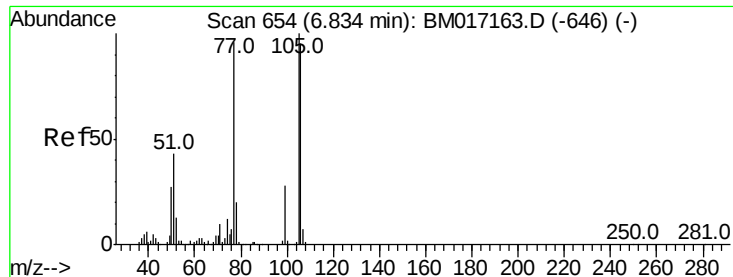
Ion Ratio Lower Upper

128 100

130 32.6 11.0 51.0

64 46.1 24.1 64.1





#9

Benzaldehyde

Concen: 39.165 ng

RT: 6.83 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

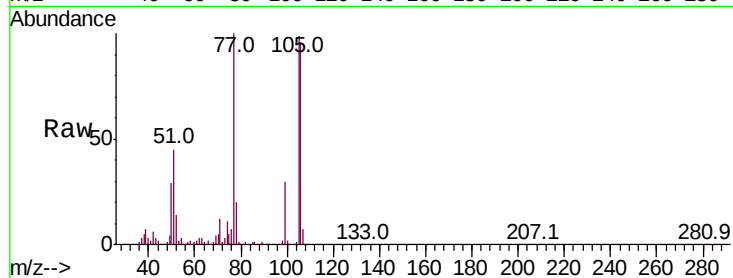
Tot Ion: 77 Resp: 452645

Ion Ratio Lower Upper

77 100

105 98.6 83.9 123.9

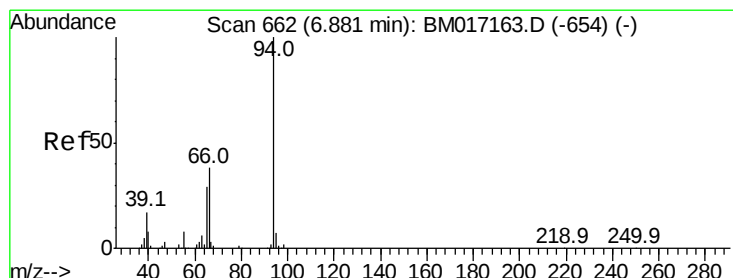
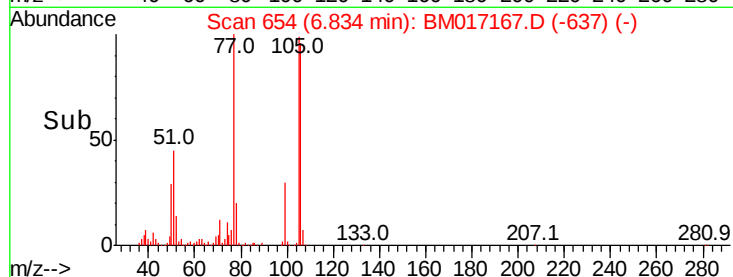
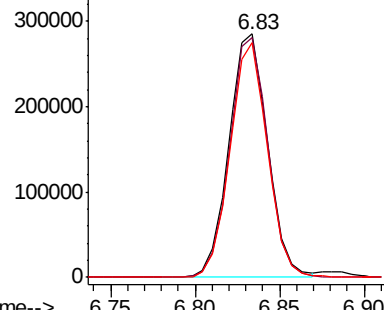
106 96.3 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 39.461 ng

RT: 6.88 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

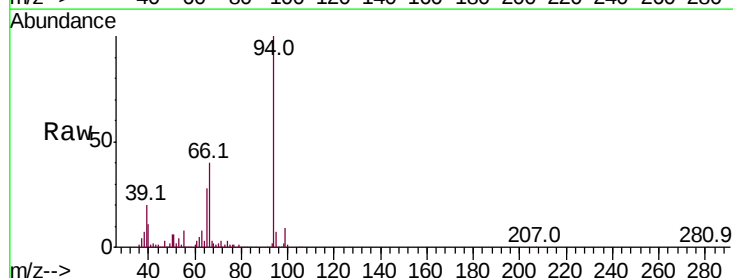
Tgt Ion: 94 Resp: 769792

Ion Ratio Lower Upper

94 100

65 28.3 9.4 49.4

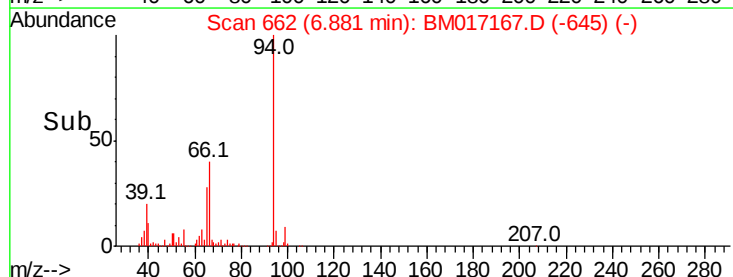
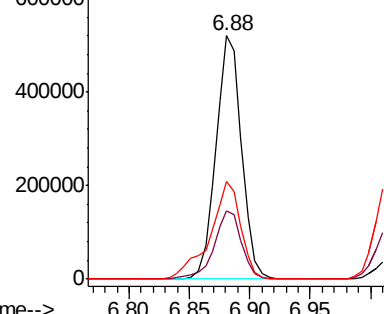
66 40.0 19.0 59.0

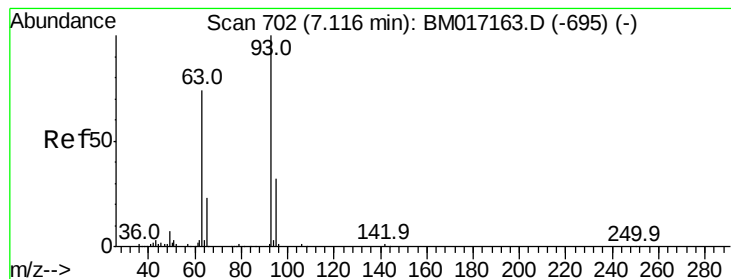


Abundance Ion 94.00 (93.70 to 94.70): B

Ion 65.00 (64.70 to 65.70): B

Ion 66.00 (65.70 to 66.70): B

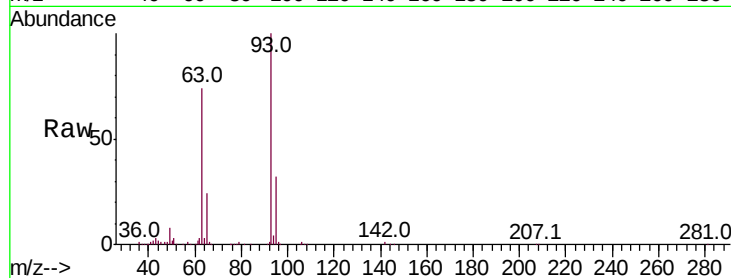




#11
bis(2-Chloroethyl)ether
Concen: 39.410 ng
RT: 7.12 min Scan# 702
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.9	54.0	94.0
95	32.3	11.8	51.8

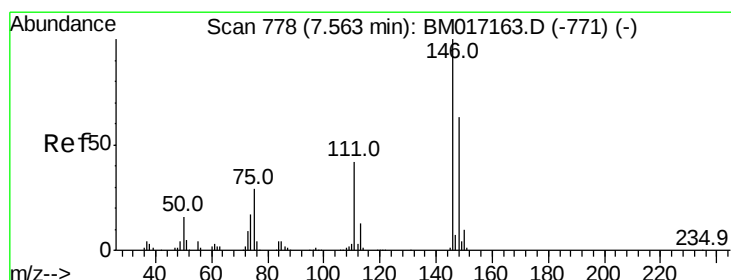
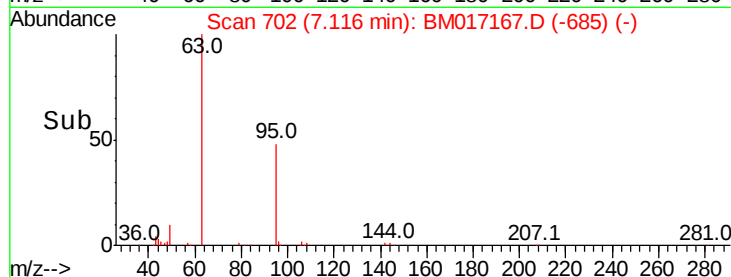
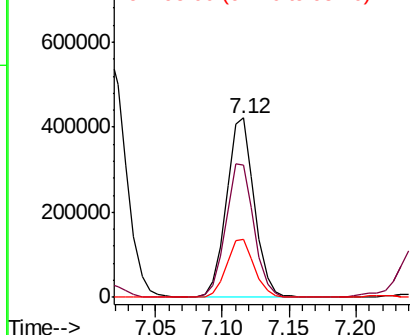


Abundance

Ion 93.00 (92.70 to 93.70): BM017167.D (-695) (-)

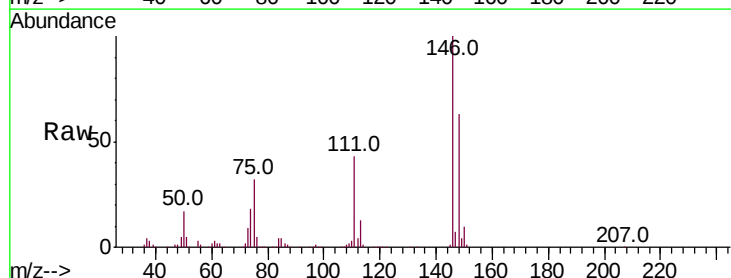
Ion 63.00 (62.70 to 63.70): BM017167.D (-695) (-)

Ion 95.00 (94.70 to 95.70): BM017167.D (-695) (-)



#12
1,3-Dichlorobenzene
Concen: 39.292 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.2	75.4
75	31.6	23.3	34.9

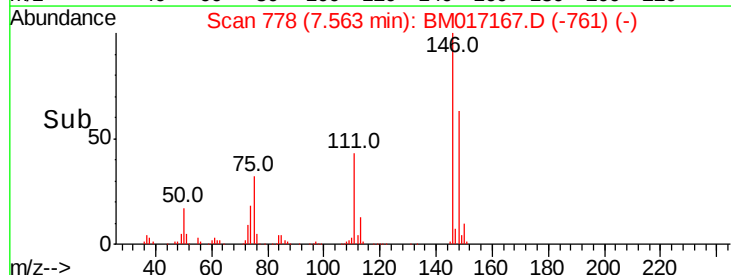
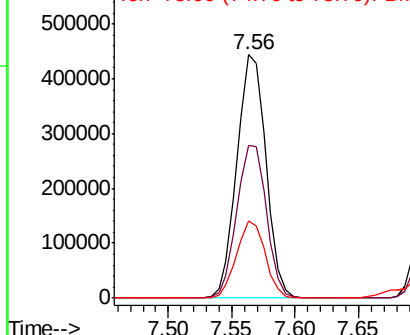


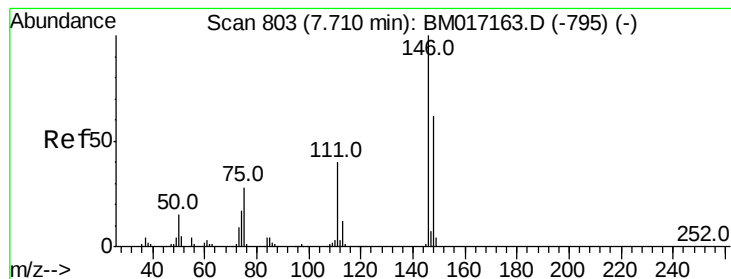
Abundance

Ion 146.00 (145.70 to 146.70): BM017167.D (-771) (-)

Ion 148.00 (147.70 to 148.70): BM017167.D (-771) (-)

Ion 75.00 (74.70 to 75.70): BM017167.D (-771) (-)





#13

1,4-Dichlorobenzene

Concen: 39.266 ng

RT: 7.71 min Scan# 803

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

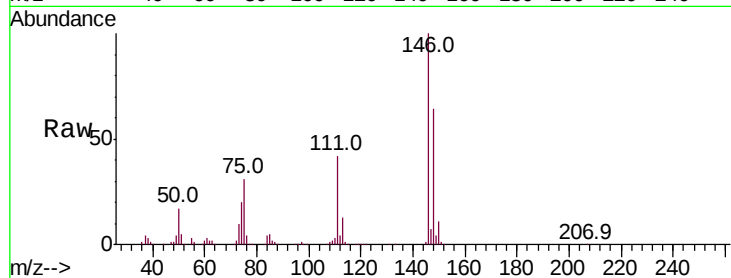
Tot Ion:146 Resp: 720045

Ion Ratio Lower Upper

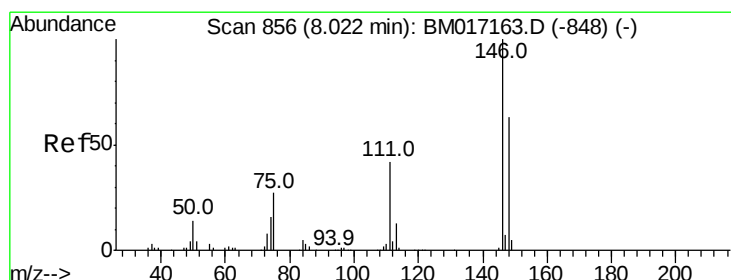
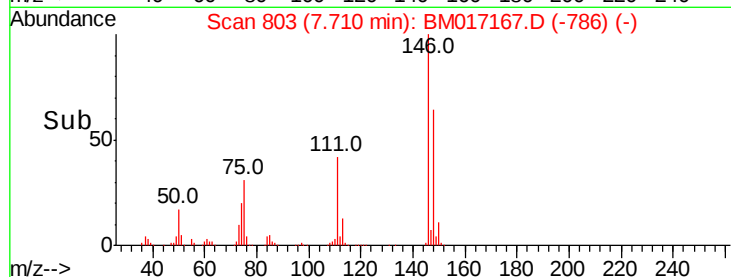
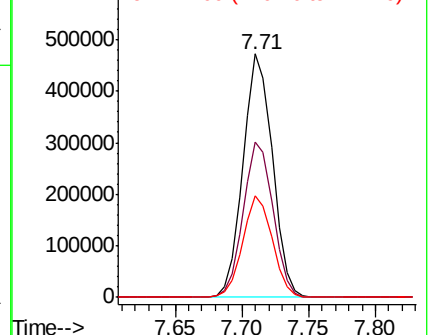
146 100

148 63.6 49.8 74.6

111 41.6 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: 39.639 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

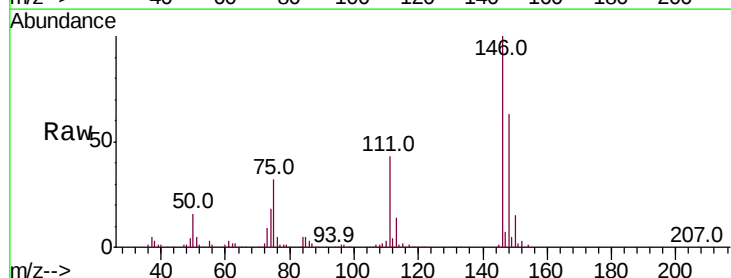
Tgt Ion:146 Resp: 700332

Ion Ratio Lower Upper

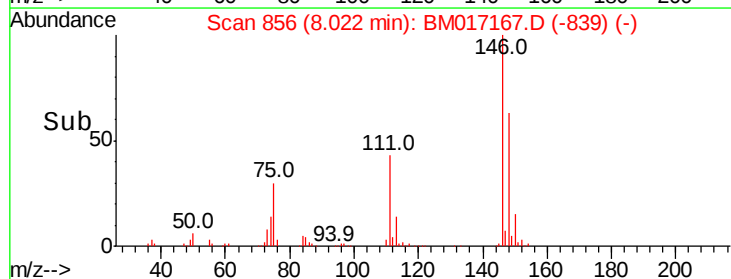
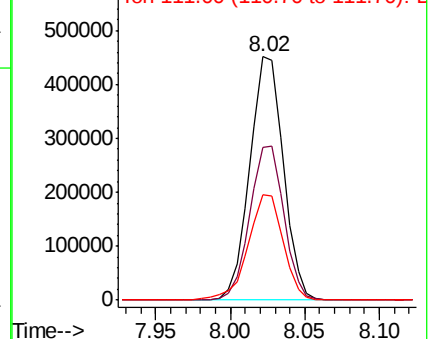
146 100

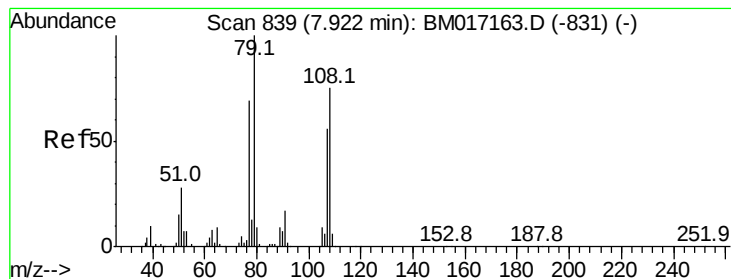
148 62.9 50.8 76.2

111 43.1 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: 41.492 ng

RT: 7.92 min Scan# 839

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

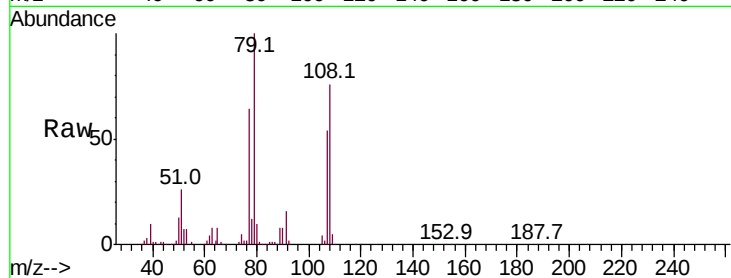
Tot Ion: 79 Resp: 549736

Ion Ratio Lower Upper

79 100

108 75.8 60.3 90.5

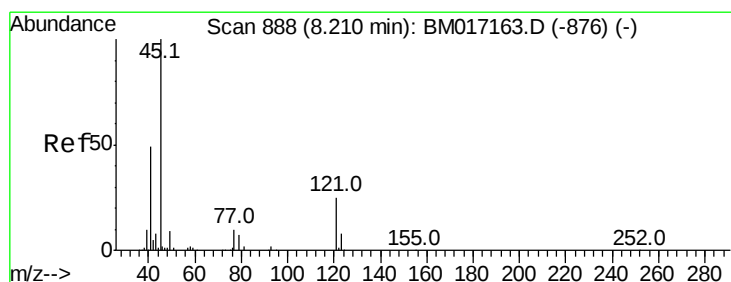
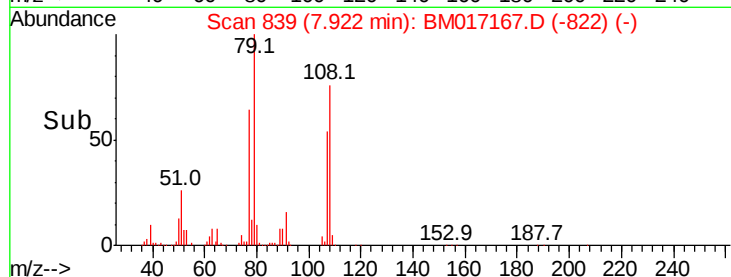
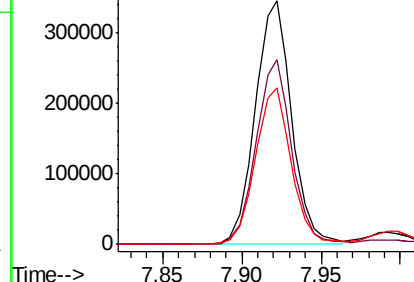
77 64.2 54.8 82.2



Abundance Ion 79.00 (78.70 to 79.70): BM017167.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM017167.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM017167.D (-831) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.940 ng

RT: 8.21 min Scan# 888

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

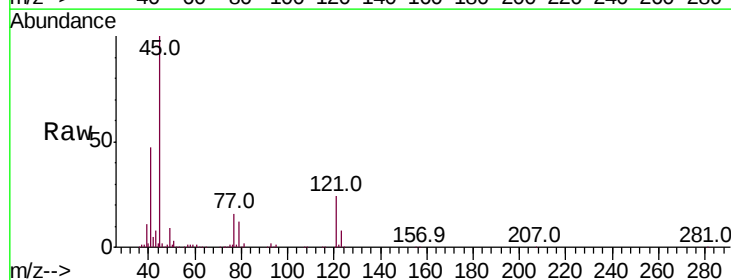
Tgt Ion: 45 Resp: 802558

Ion Ratio Lower Upper

45 100

77 15.8 0.0 35.5

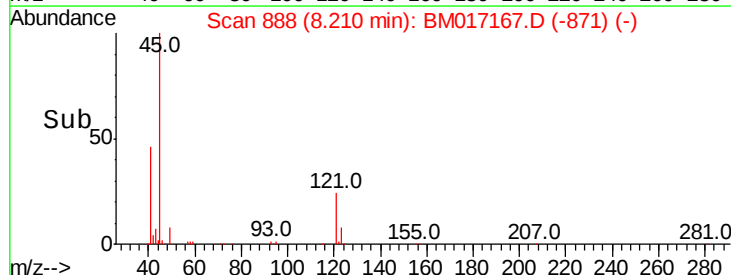
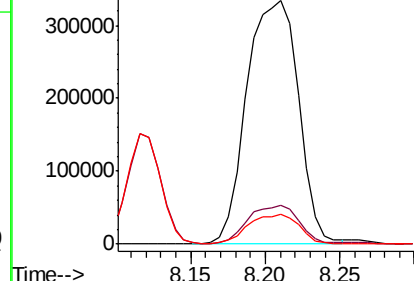
79 12.3 0.0 32.1

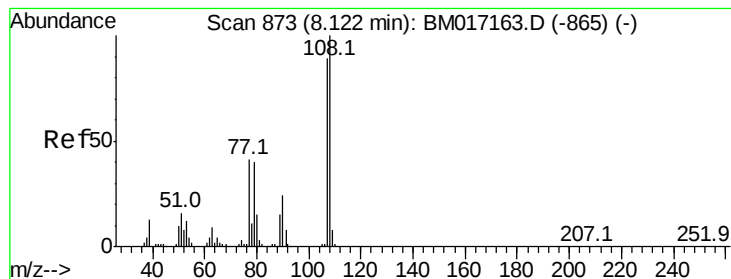


Abundance Ion 45.00 (44.70 to 45.70): BM017167.D (-876) (-)

Ion 77.00 (76.70 to 77.70): BM017167.D (-876) (-)

Ion 79.00 (78.70 to 79.70): BM017167.D (-876) (-)

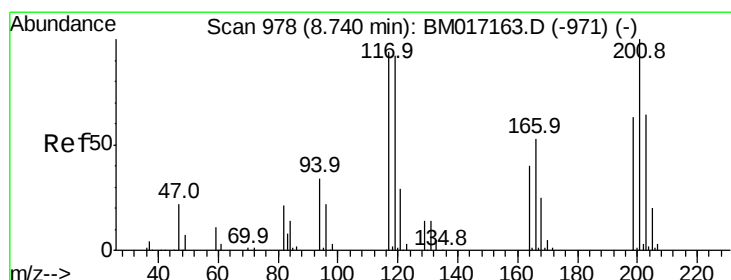
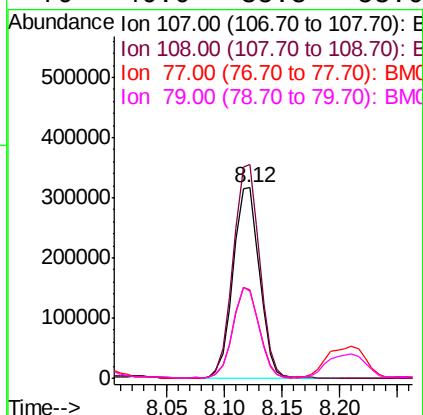
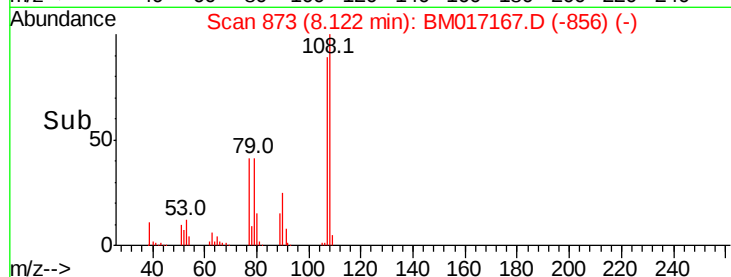
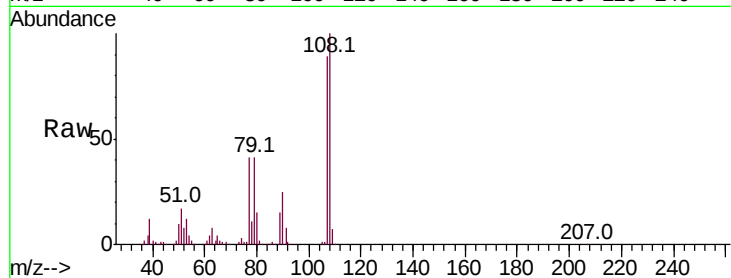




#17
2-Methylphenol
Concen: 40.060 ng
RT: 8.12 min Scan# 873
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

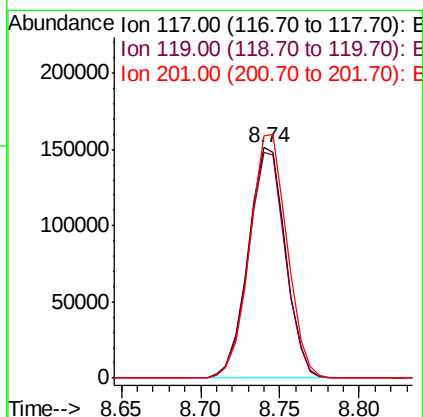
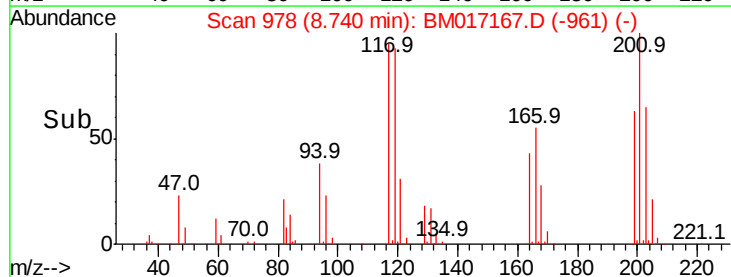
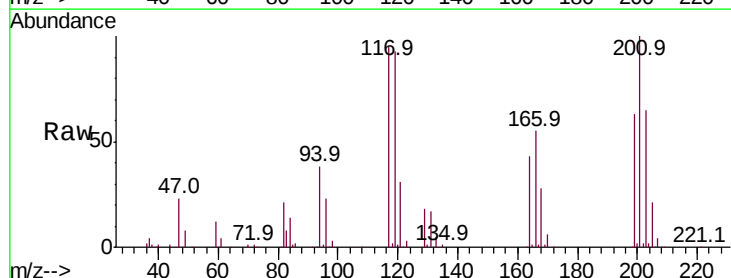
Instrument :
BNA_M
ClientSampled :

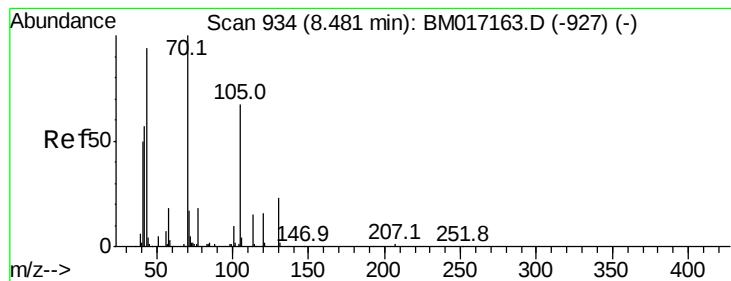
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.3	135.5
77	46.3	37.0	55.4
79	46.0	35.8	53.6



#18
Hexachloroethane
Concen: 39.528 ng
RT: 8.74 min Scan# 978
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	78.2	117.2
201	105.2	85.3	127.9





#19

n-Nitroso-di-n-propylamine

Concen: 40.818 ng

RT: 8.48 min Scan# 934

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 487166

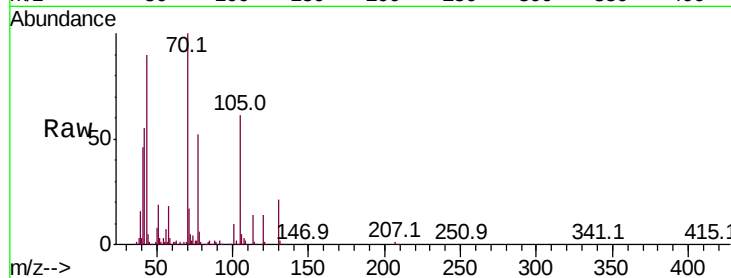
Ion Ratio Lower Upper

70 100

42 55.1 46.1 69.1

101 10.4 8.2 12.4

130 21.1 18.4 27.6

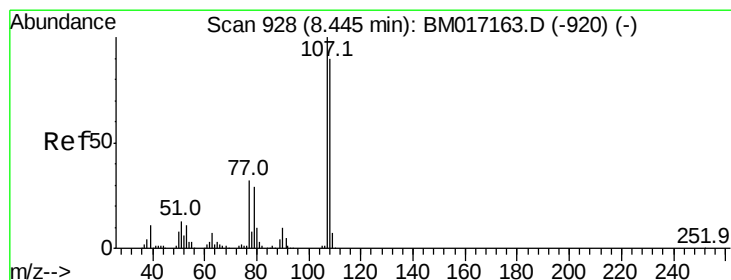
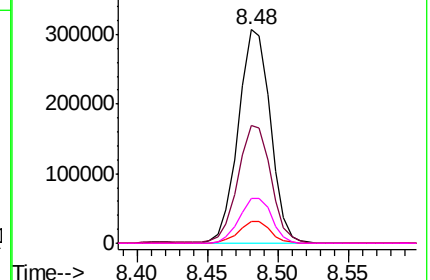
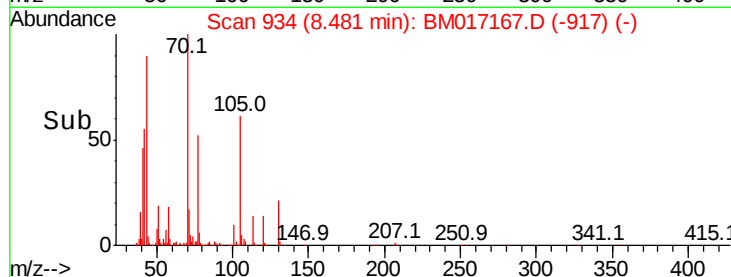


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 41.033 ng

RT: 8.45 min Scan# 928

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Tgt Ion:107 Resp: 702727

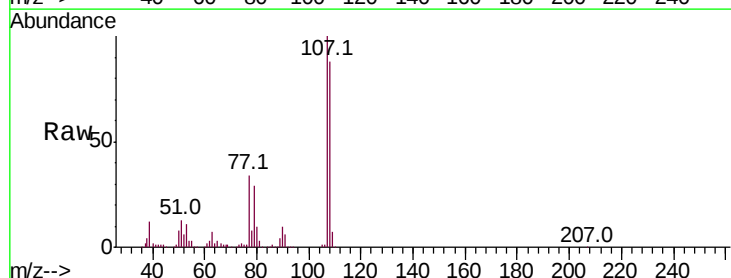
Ion Ratio Lower Upper

107 100

108 87.6 69.9 109.9

77 33.6 12.2 52.2

79 29.2 9.0 49.0

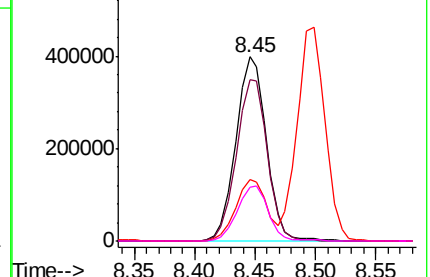
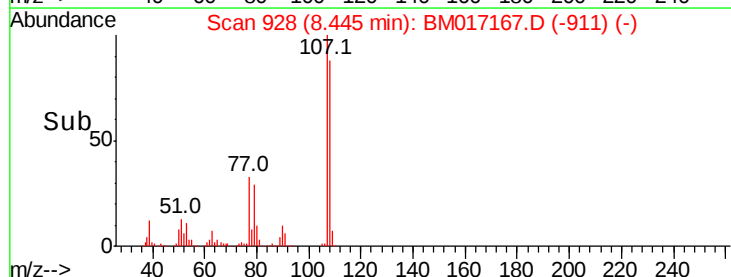


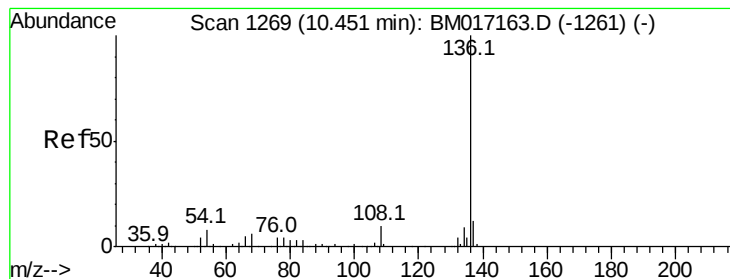
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 956753

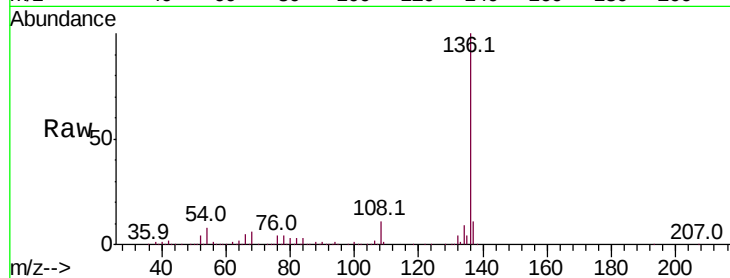
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 8.5 6.7 10.1

68 5.6 4.7 7.1

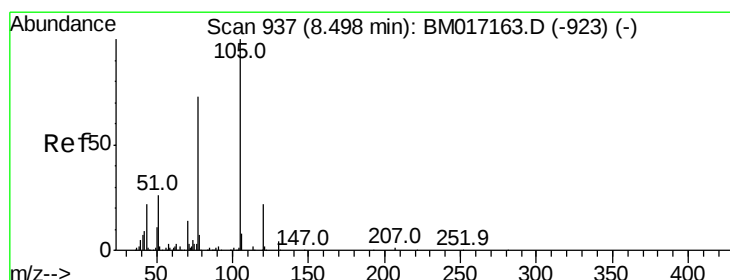
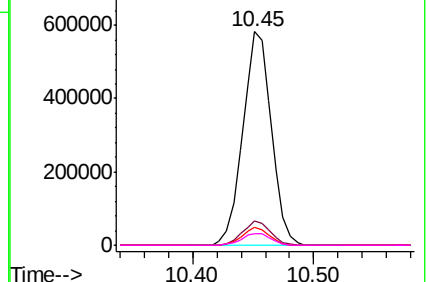
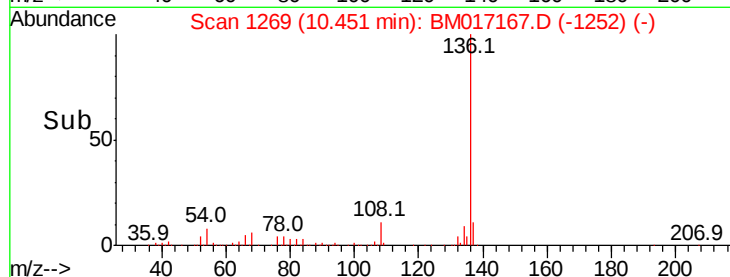


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.927 ng

RT: 8.50 min Scan# 937

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Tgt Ion:105 Resp: 968325

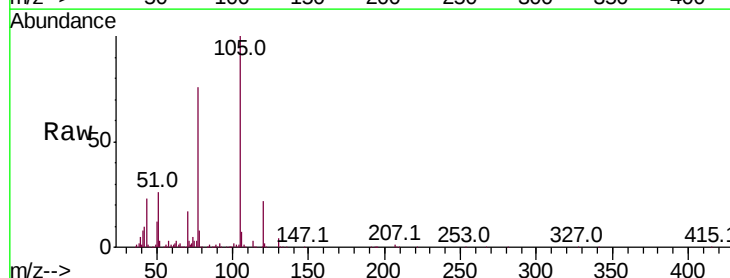
Ion Ratio Lower Upper

105 100

71 2.8 2.0 3.0

51 26.4 20.6 31.0

120 21.8 17.5 26.3

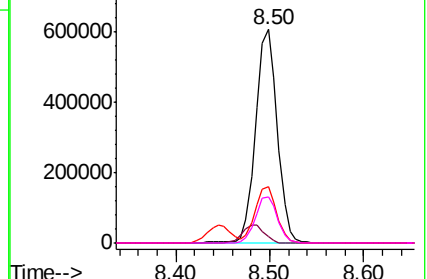
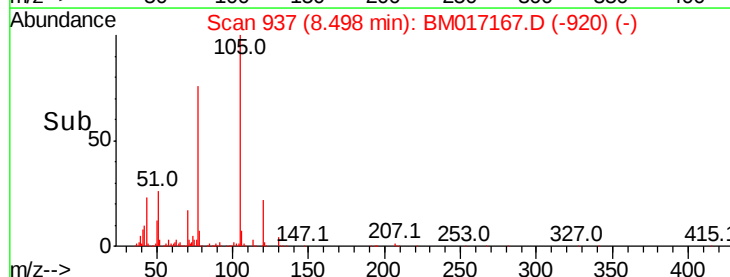


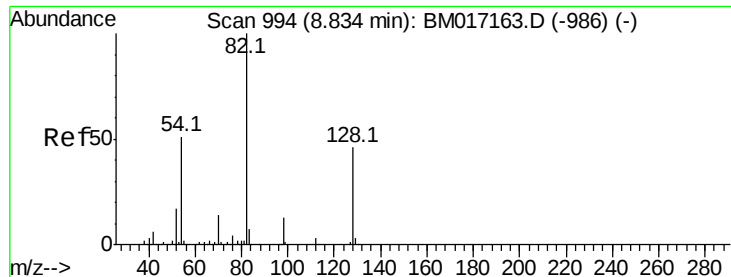
Abundance Ion 105.00 (104.70 to 105.70): E

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: 85.646 ng

RT: 8.83 min Scan# 993

Delta R.T. -0.01 min

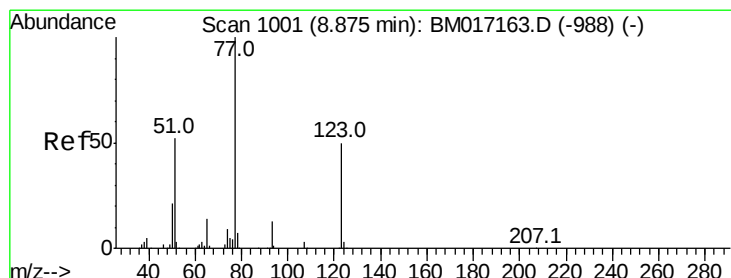
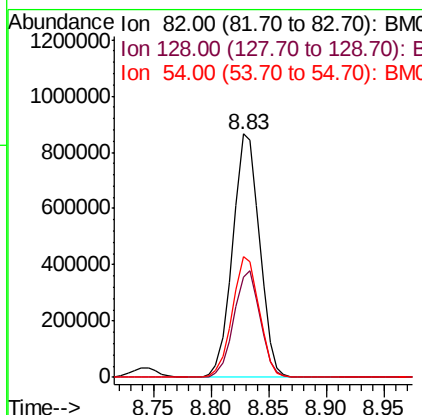
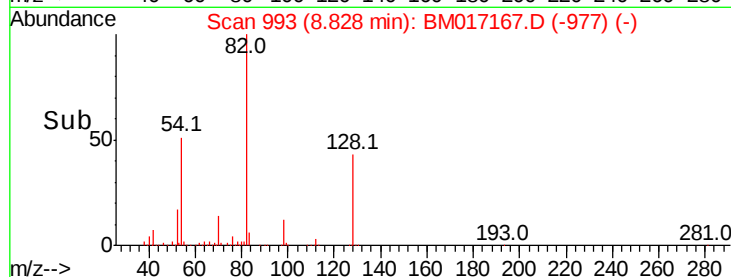
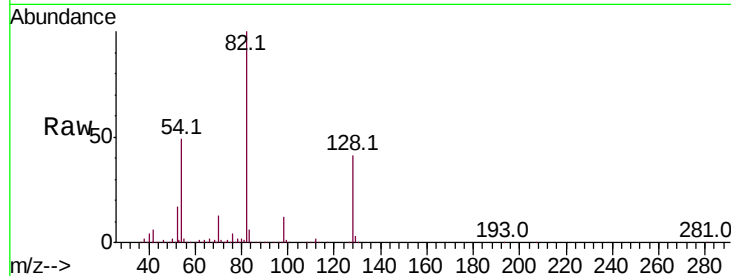
Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampled :

Tot Ion: 82 Resp: 1401061

Ion	Ratio	Lower	Upper
82	100		
128	41.4	37.0	55.6
54	49.3	40.7	61.1



#24

Nitrobenzene

Concen: 41.762 ng

RT: 8.87 min Scan# 1001

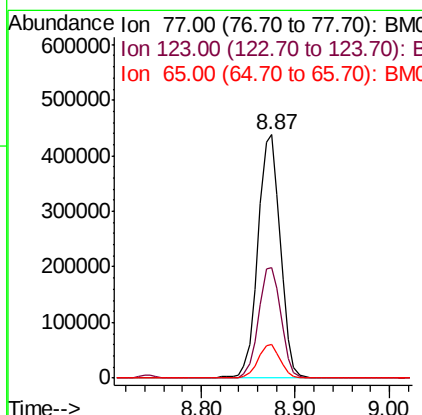
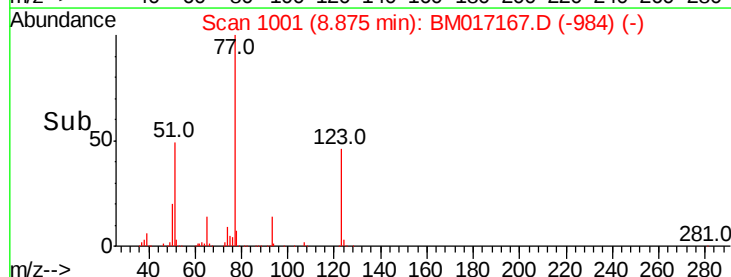
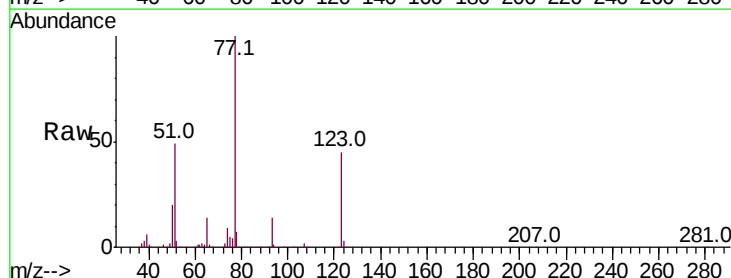
Delta R.T. -0.00 min

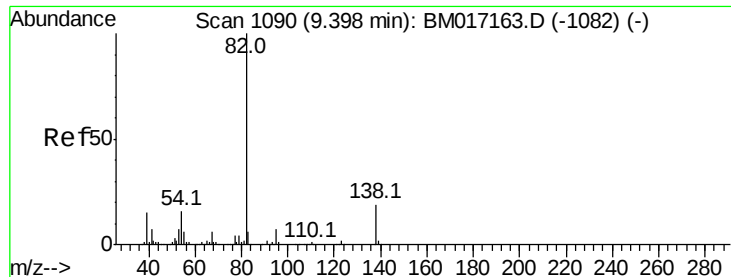
Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Tgt Ion: 77 Resp: 722652

Ion	Ratio	Lower	Upper
77	100		
123	45.5	40.2	60.4
65	13.6	11.4	17.0





#25

Isophorone

Concen: 42.238 ng

RT: 9.40 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

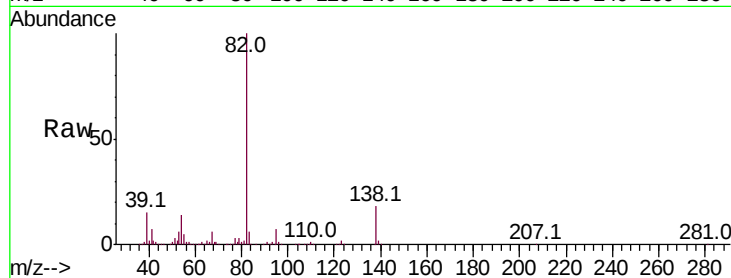
Tot Ion: 82 Resp: 1140985

Ion Ratio Lower Upper

82 100

95 7.4 6.0 9.0

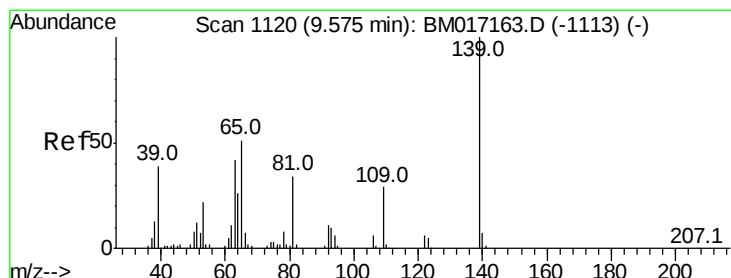
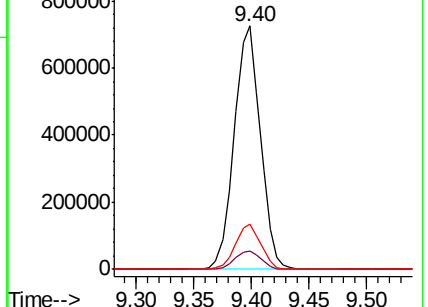
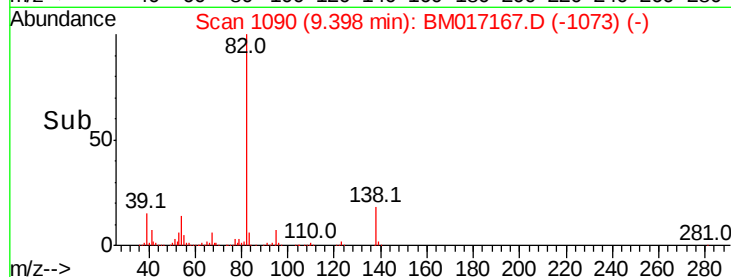
138 18.5 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BM017167.D (-1073) (-)

Ion 95.00 (94.70 to 95.70): BM017167.D (-1073) (-)

Ion 138.00 (137.70 to 138.70): BM017167.D (-1073) (-)



#26

2-Nitrophenol

Concen: 41.351 ng

RT: 9.57 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

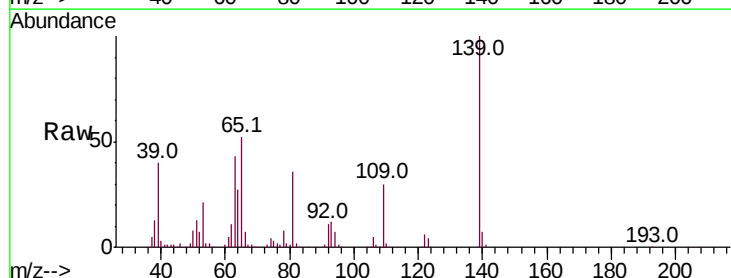
Tgt Ion: 139 Resp: 327619

Ion Ratio Lower Upper

139 100

109 30.1 23.2 34.8

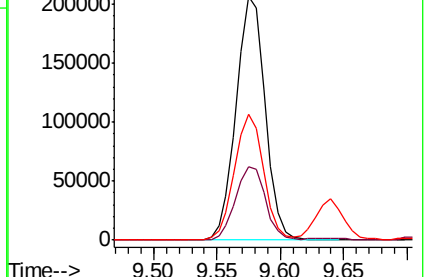
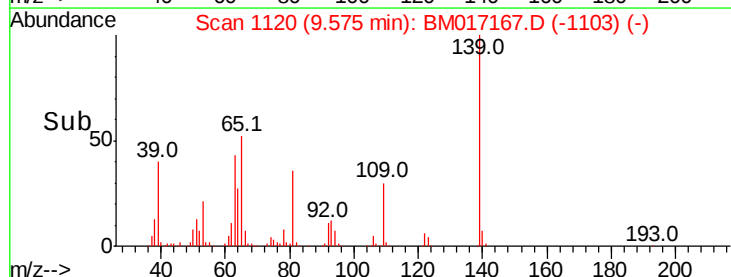
65 51.8 40.6 61.0

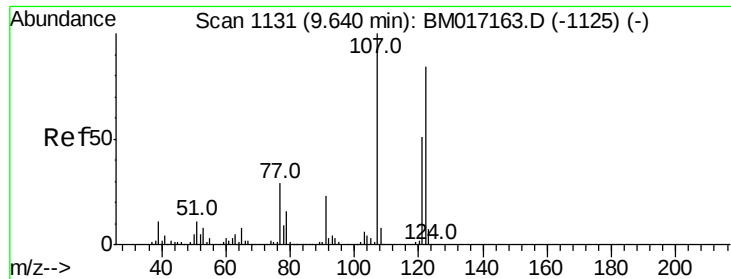


Abundance Ion 139.00 (138.70 to 139.70): BM017167.D (-1103) (-)

Ion 109.00 (108.70 to 109.70): BM017167.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BM017167.D (-1103) (-)

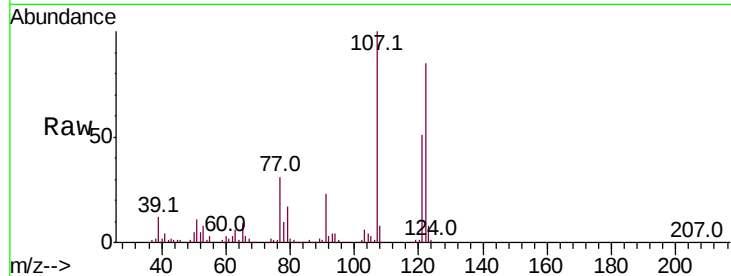




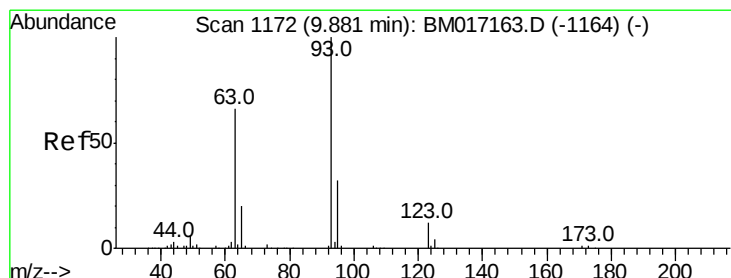
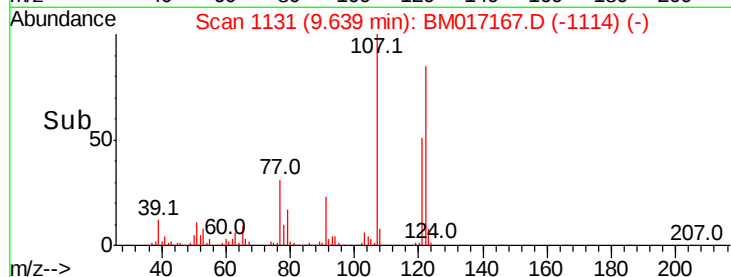
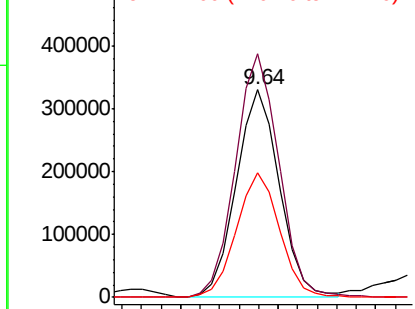
#27
2,4-Dimethylphenol
Concen: 42.029 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion:122 Resp: 502025
Ion Ratio Lower Upper
122 100
107 117.2 95.0 142.6
121 59.8 48.2 72.4

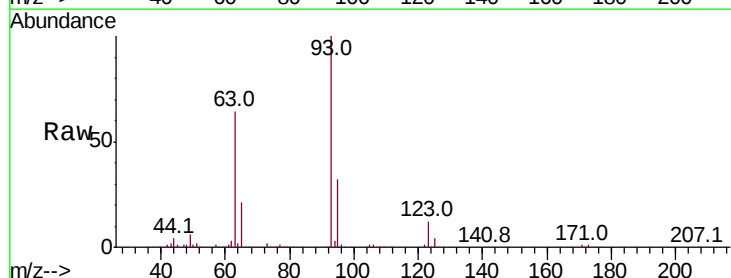


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

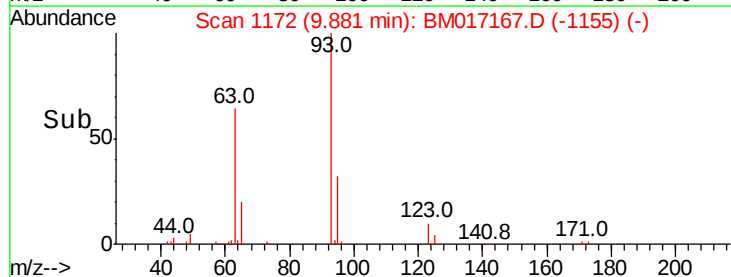
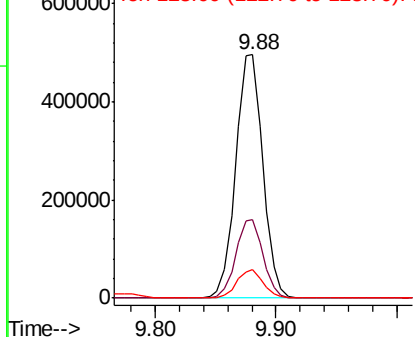


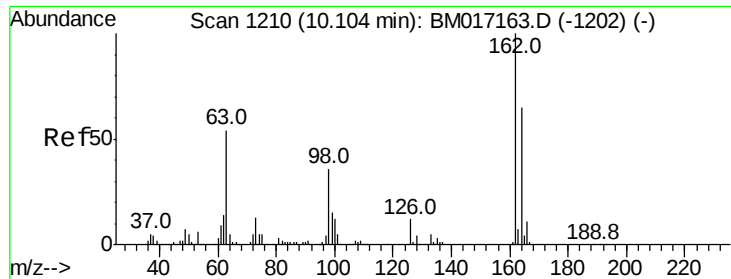
#28
bis(2-Chloroethoxy)methane
Concen: 40.898 ng
RT: 9.88 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion: 93 Resp: 777600
Ion Ratio Lower Upper
93 100
95 32.0 25.7 38.5
123 11.6 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

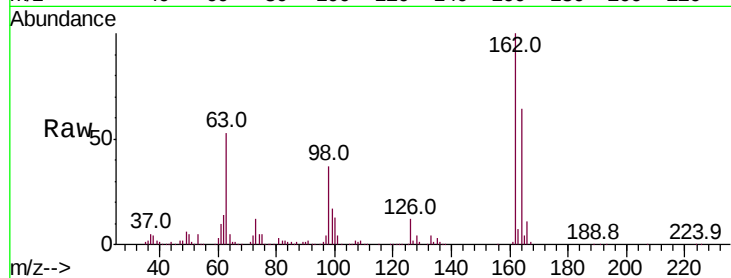




#29
 2,4-Dichlorophenol
 Concen: 42.820 ng
 RT: 10.10 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.9	84.9
98	36.7	15.8	55.8

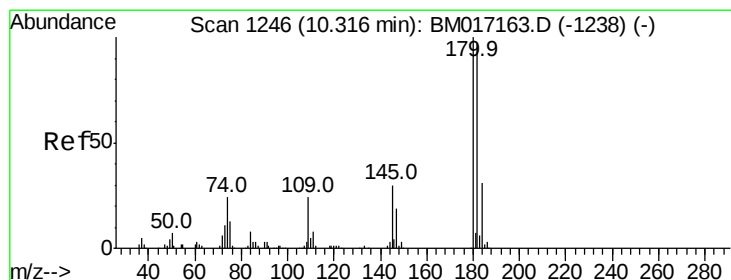
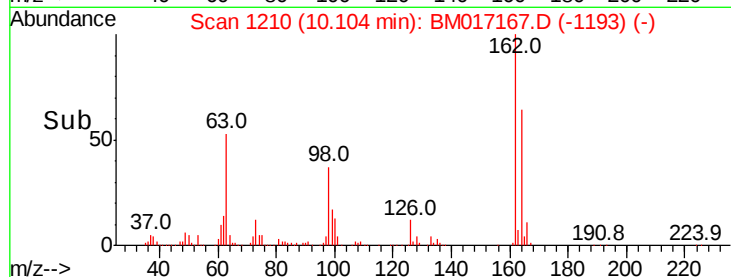
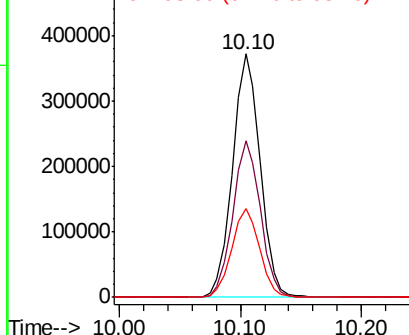


Abundance

Ion 162.00 (161.70 to 162.70): E

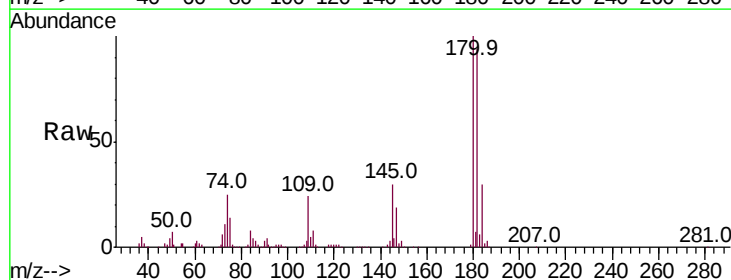
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.573 ng
 RT: 10.32 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.5	116.3
145	29.7	24.0	36.0

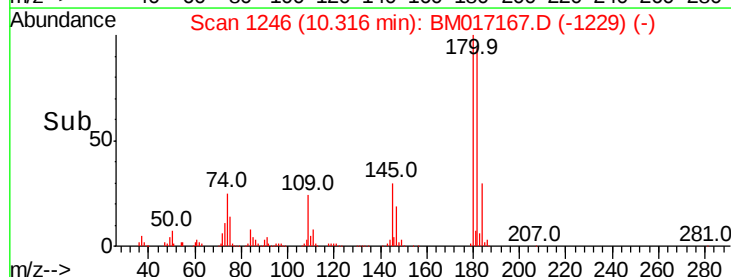
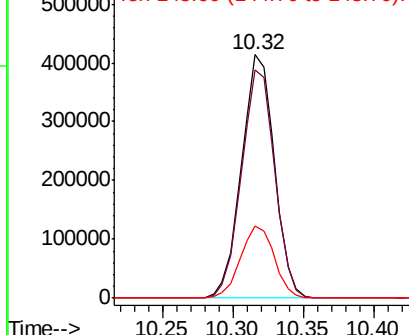


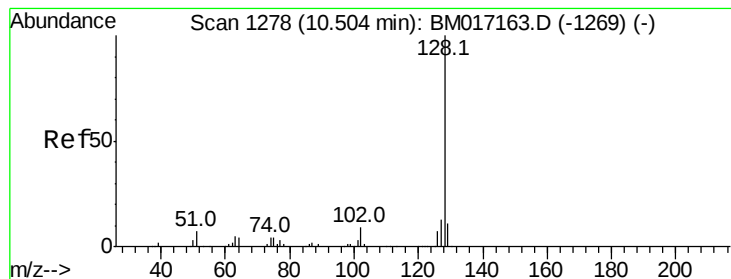
Abundance

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: 40.082 ng

RT: 10.50 min Scan# 1278

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

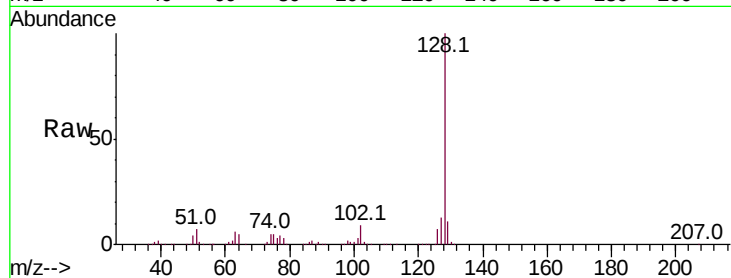
Instrument :

BNA_M

ClientSampleId :

Tot Ion:128 Resp: 1879310

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.5	12.7
127	13.2	10.3	15.5

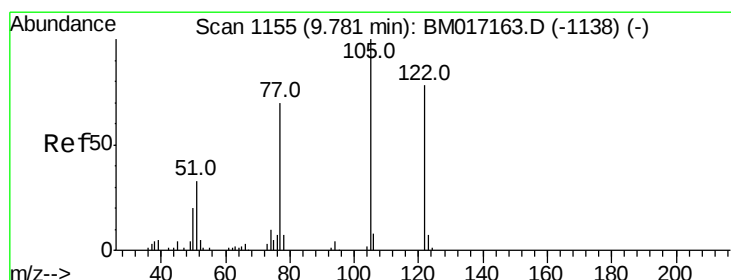
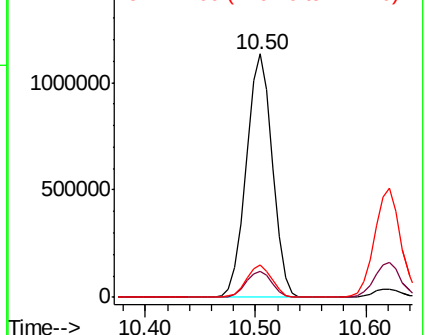
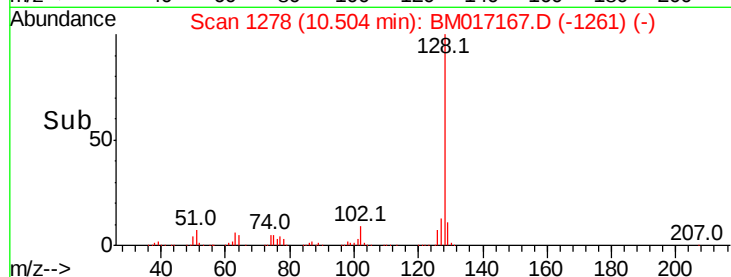


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.797 ng

RT: 9.77 min Scan# 1154

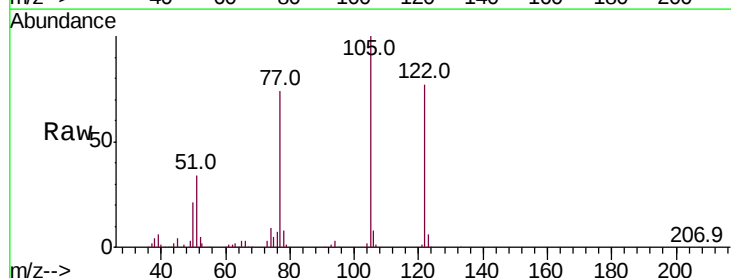
Delta R.T. -0.01 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Tgt Ion:122 Resp: 399246

Ion	Ratio	Lower	Upper
122	100		
105	130.6	102.0	142.0
77	96.5	67.7	107.7

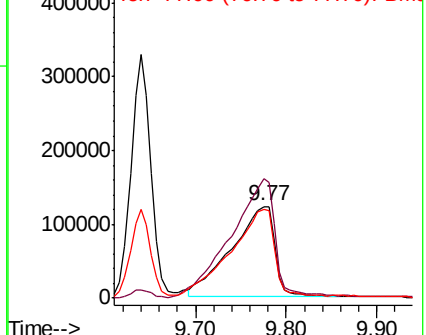
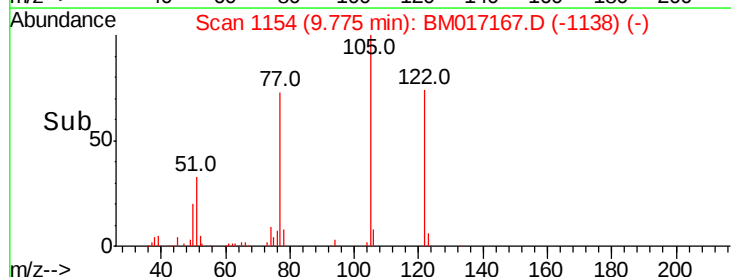


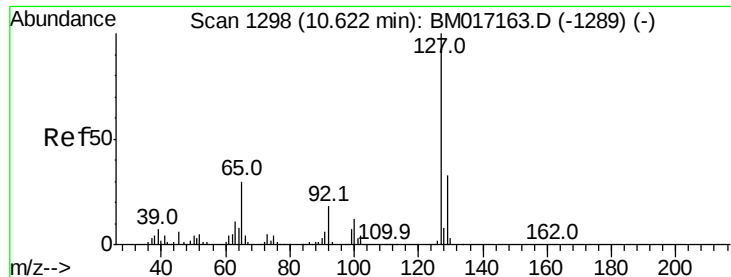
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

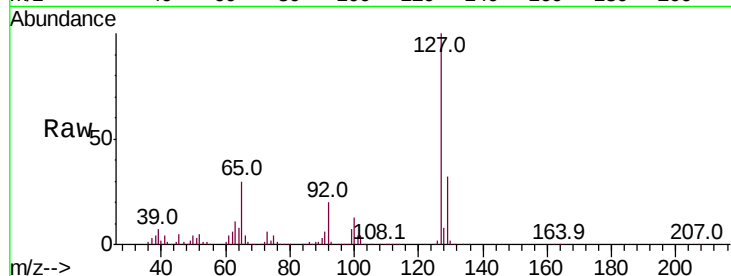




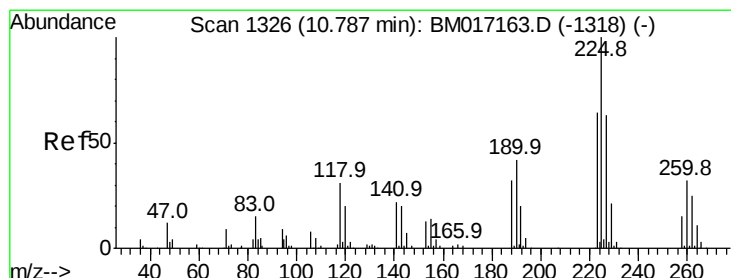
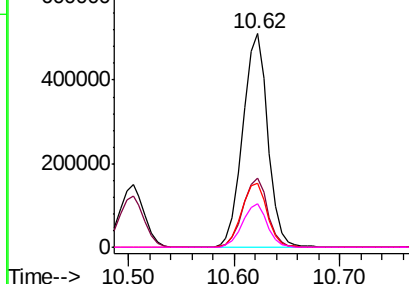
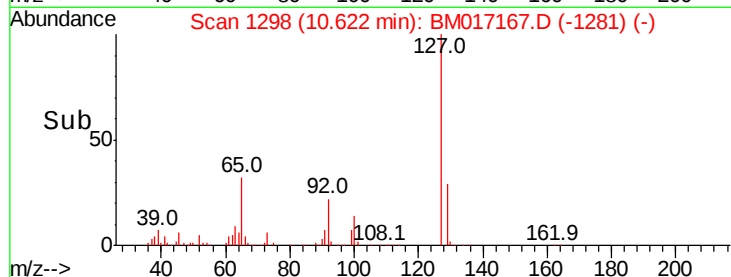
#33
4-Chloroaniline
Concen: 41.584 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	842062
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	30.0	23.7	35.5
92	20.4	14.3	21.5

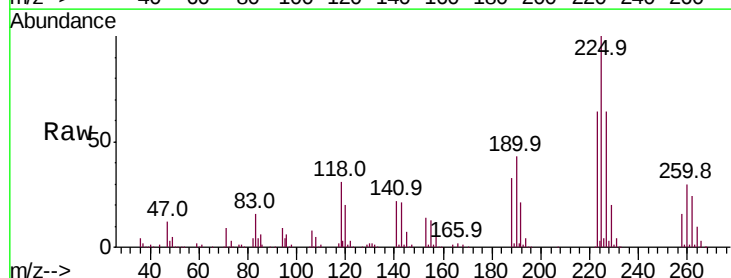


Abundance Ion 127.00 (126.70 to 127.70): E
800000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

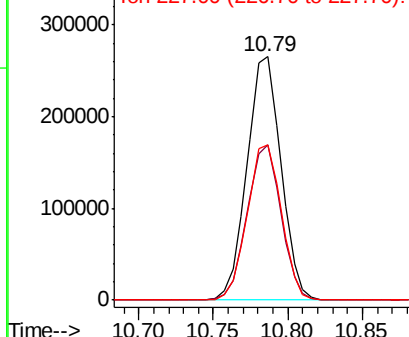
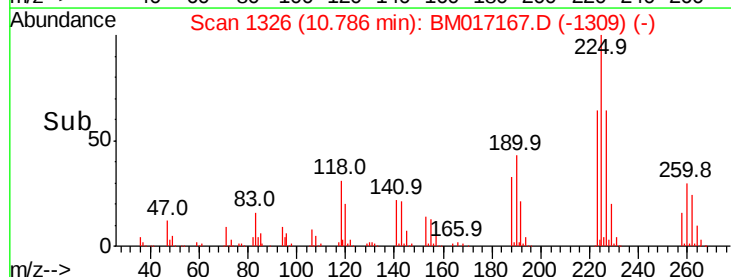


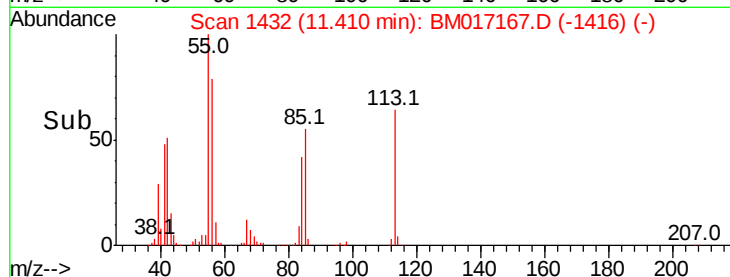
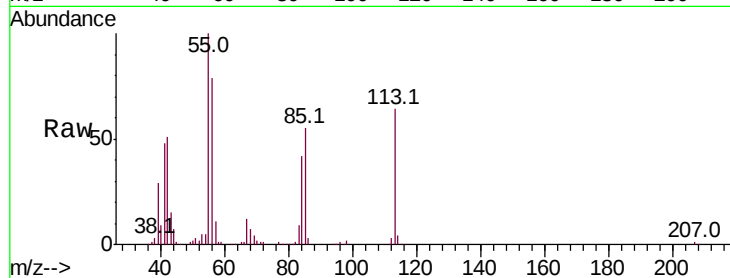
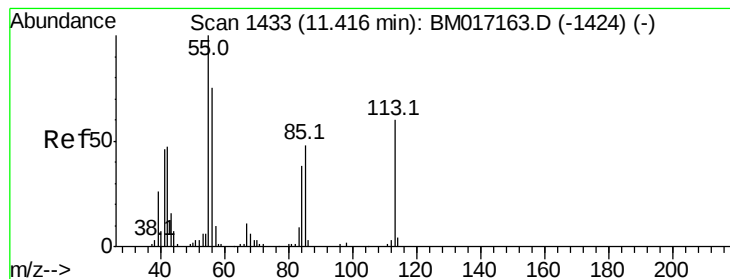
#34
Hexachlorobutadiene
Concen: 39.657 ng
RT: 10.79 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion:	225	Resp:	418040
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	63.8	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
300000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.956 ng

RT: 11.41 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

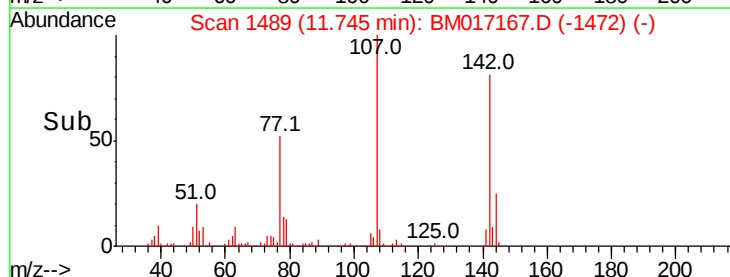
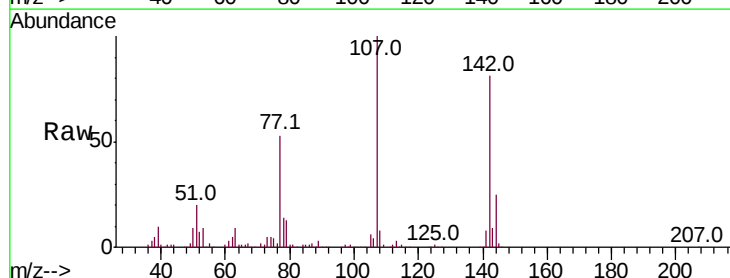
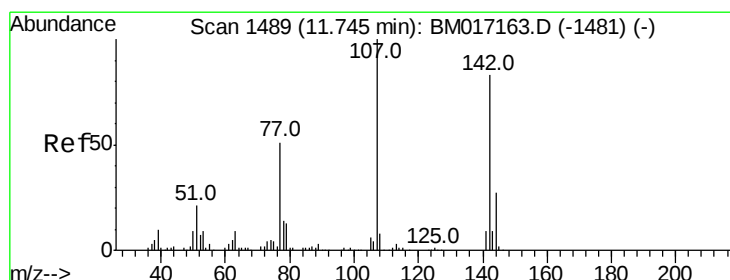
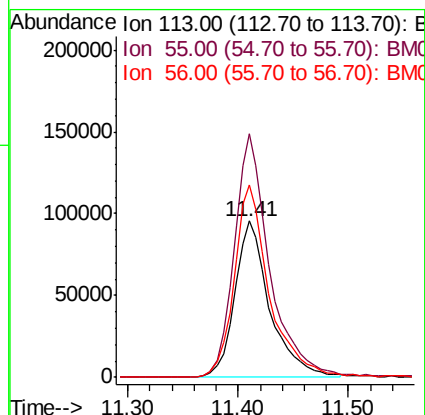
Tot Ion:113 Resp: 212053

Ion Ratio Lower Upper

113 100

55 156.1 147.0 187.0

56 122.9 104.5 144.5



#36

4-Chloro-3-methylphenol

Concen: 42.373 ng

RT: 11.75 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

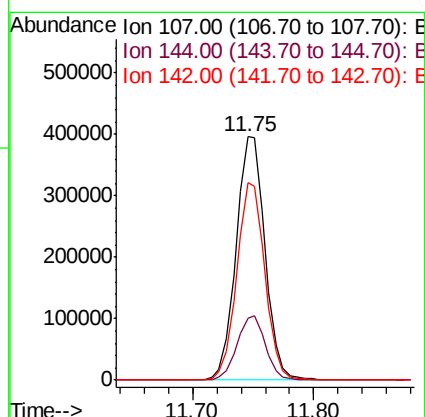
Tgt Ion:107 Resp: 662412

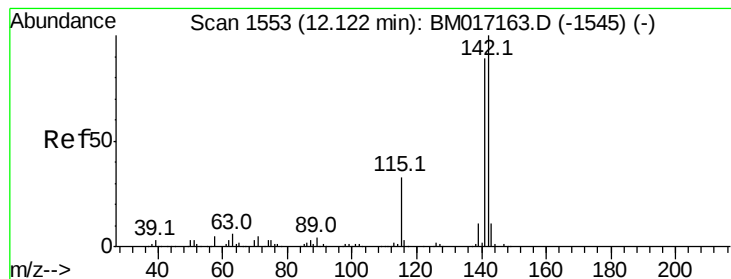
Ion Ratio Lower Upper

107 100

144 25.3 21.6 32.4

142 81.1 66.0 99.0





#37

2-Methylnaphthalene

Concen: 41.093 ng

RT: 12.12 min Scan# 1553

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

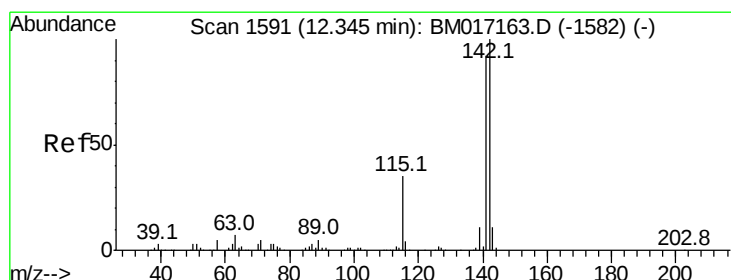
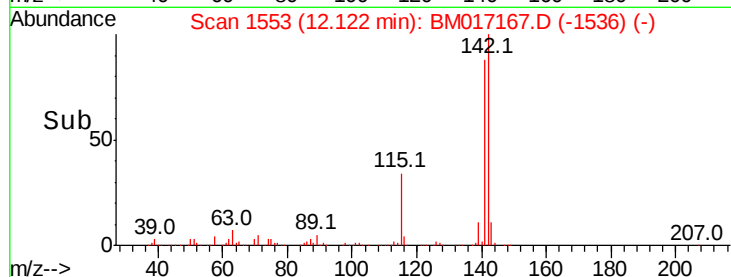
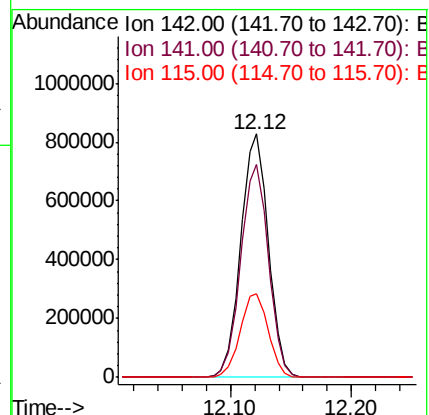
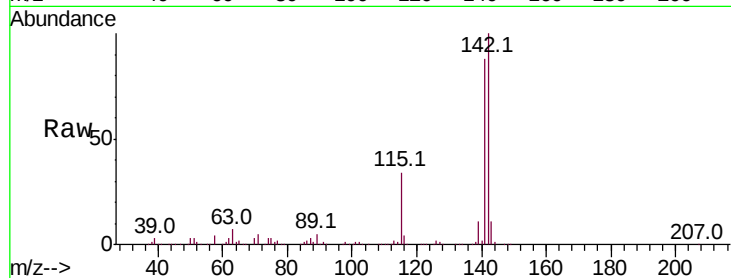
Tot Ion:142 Resp: 1318449

Ion Ratio Lower Upper

142 100

141 87.5 70.9 106.3

115 34.2 26.4 39.6



#38

1-Methylnaphthalene

Concen: 41.031 ng

RT: 12.34 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

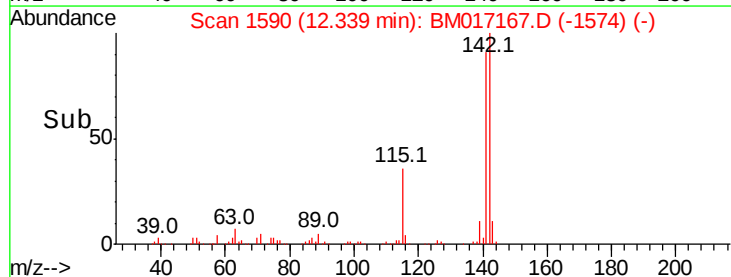
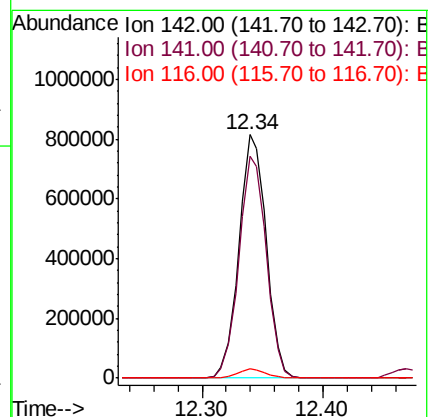
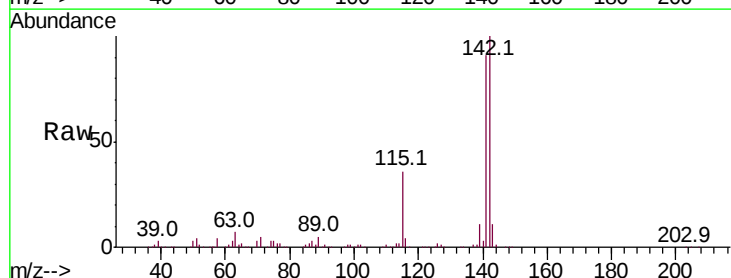
Tgt Ion:142 Resp: 1281290

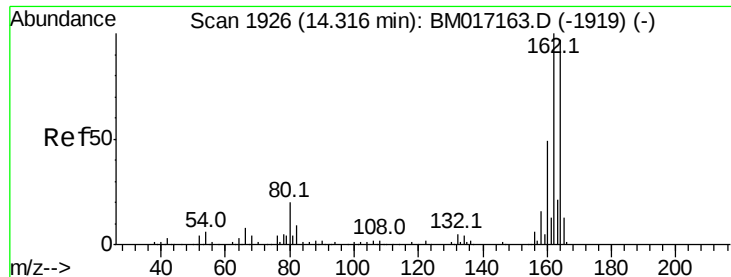
Ion Ratio Lower Upper

142 100

141 91.2 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: BM017167.D

Acq: 17 Oct 2018 14:25

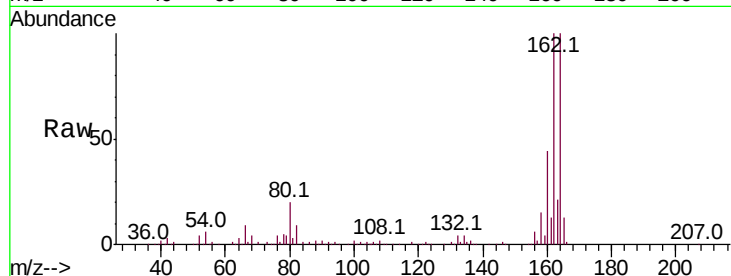
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 555606

Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.1	123.1
160	43.9	40.2	60.2

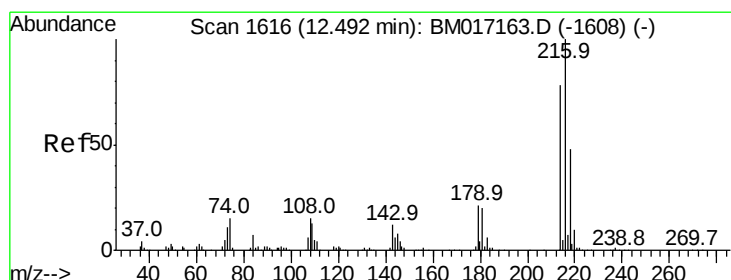
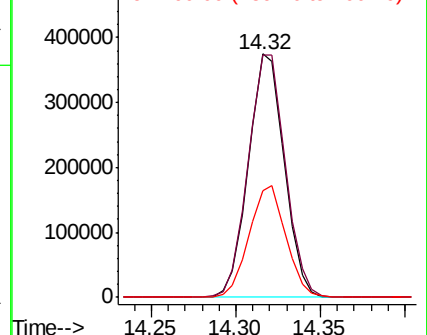
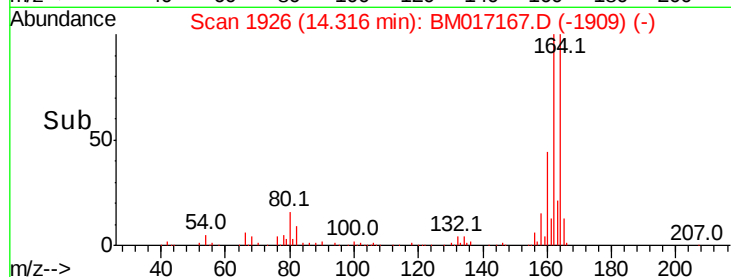


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.123 ng

RT: 12.49 min Scan# 1616

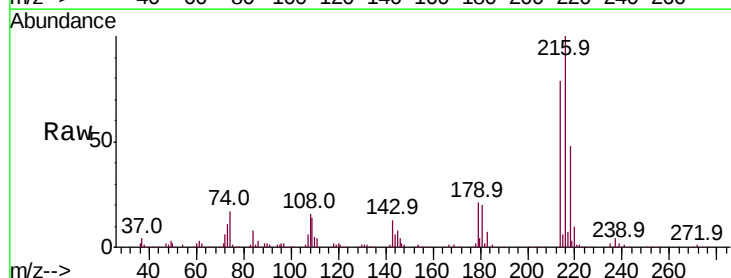
Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Tgt Ion:216 Resp: 785077

Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.6	93.8
179	21.0	16.6	24.8
108	17.6	13.5	20.3



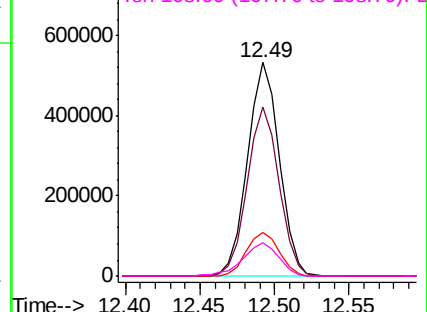
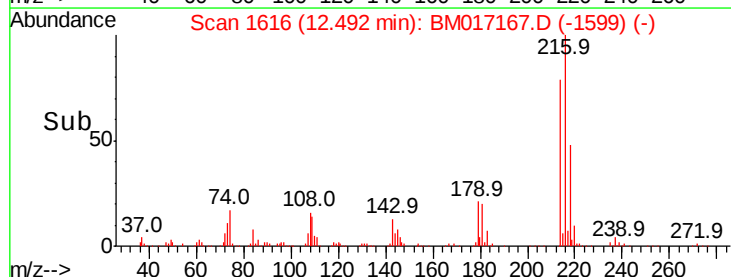
Abundance

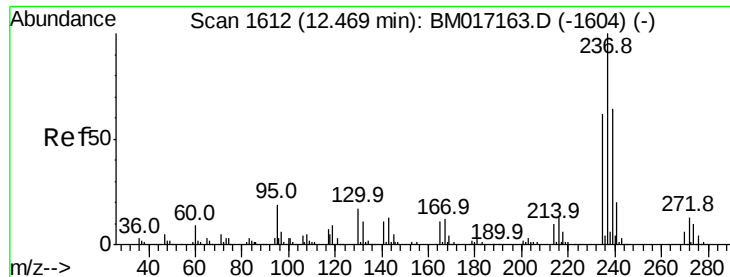
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 43.550 ng

RT: 12.47 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

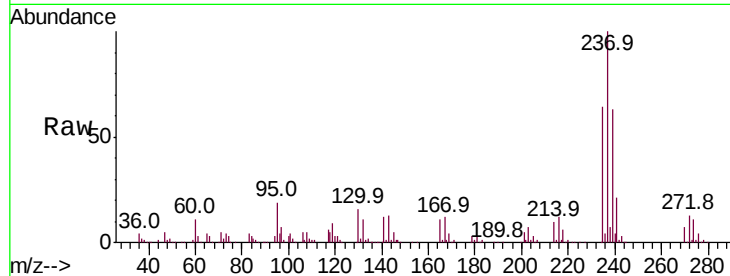
Tot Ion:237 Resp: 411949

Ion Ratio Lower Upper

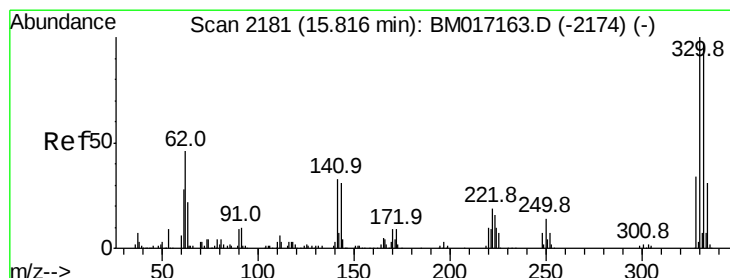
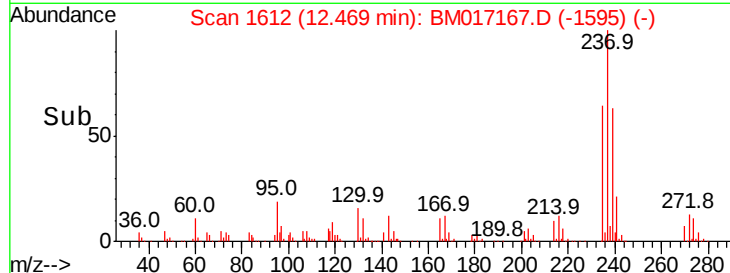
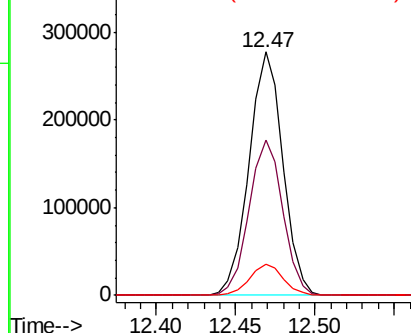
237 100

235 63.6 42.4 82.4

272 12.7 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: 82.633 ng

RT: 15.82 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

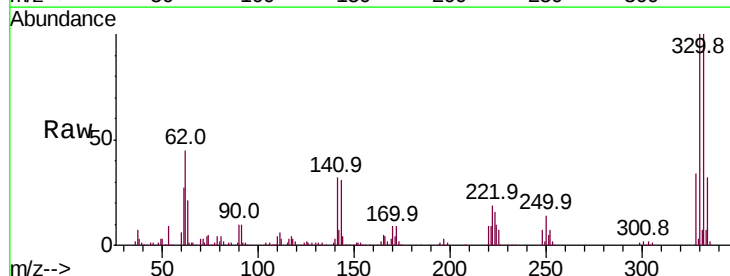
Tgt Ion:330 Resp: 620887

Ion Ratio Lower Upper

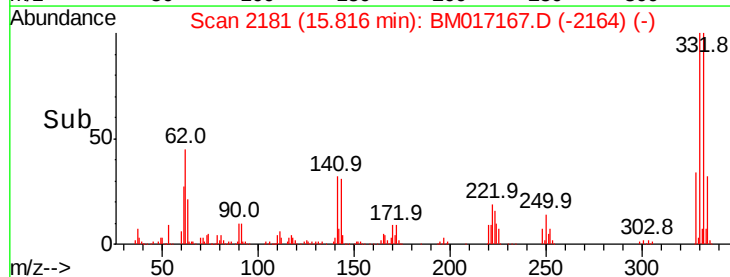
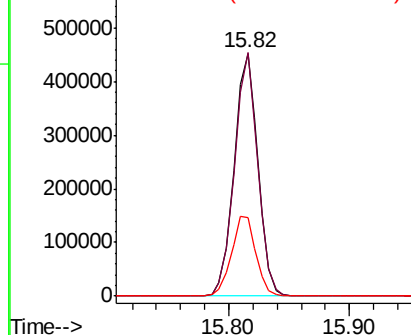
330 100

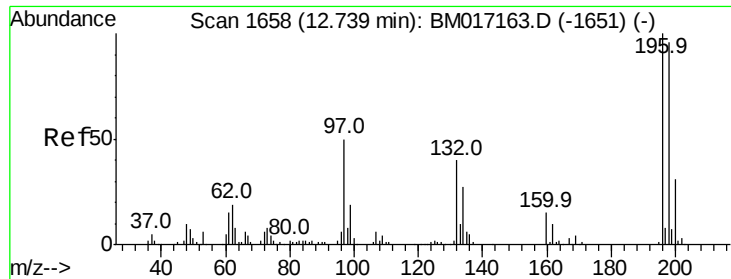
332 98.2 77.3 115.9

141 33.8 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

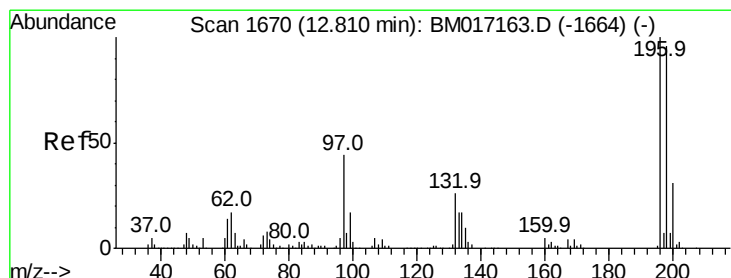
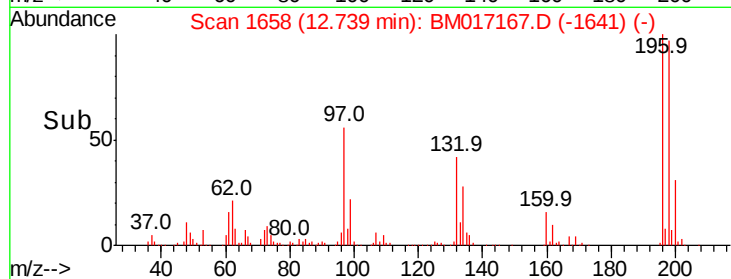
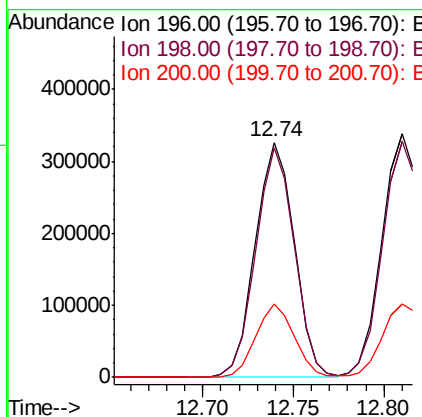
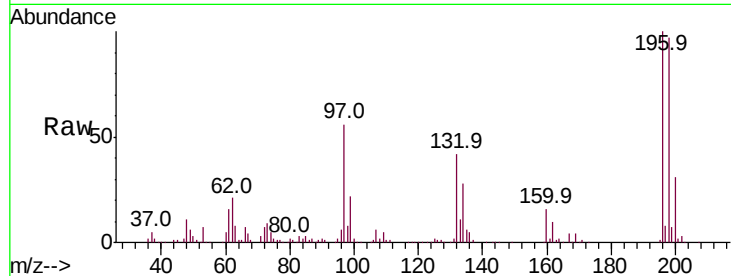




#43
 2,4,6-Trichlorophenol
 Concen: 43.108 ng
 RT: 12.74 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

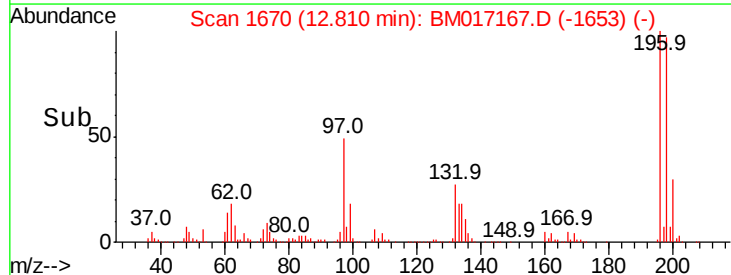
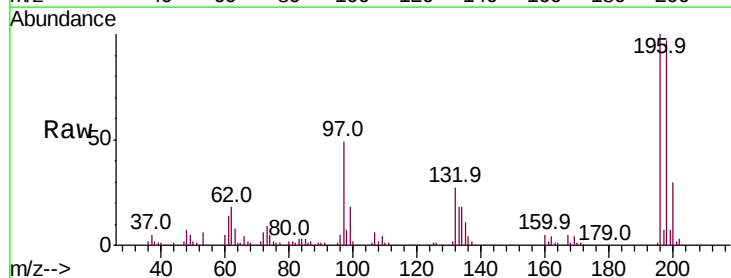
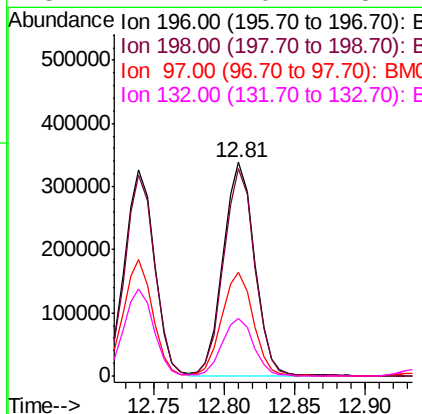
Instrument :
 BNA_M
 ClientSampleId :

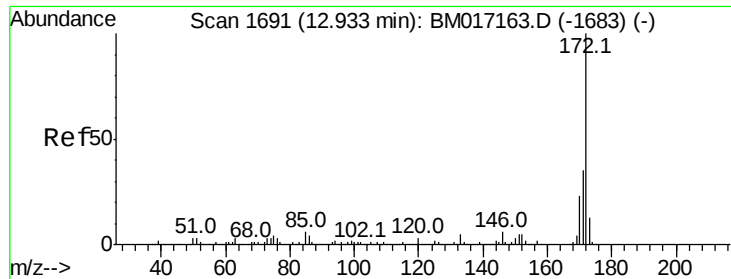
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.4	77.1	115.7
200	31.3	25.0	37.4



#44
 2,4,5-Trichlorophenol
 Concen: 42.844 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.6	115.0
97	48.8	35.5	53.3
132	27.2	20.7	31.1

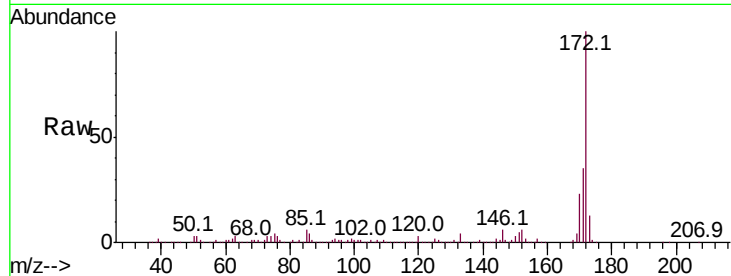




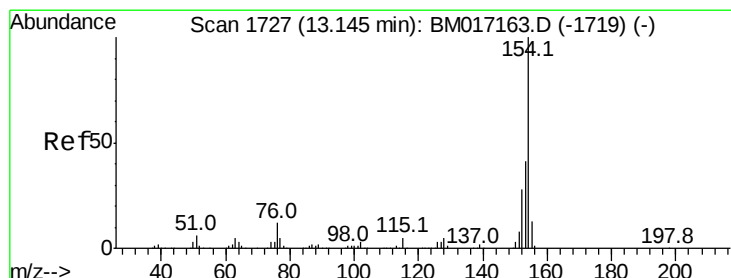
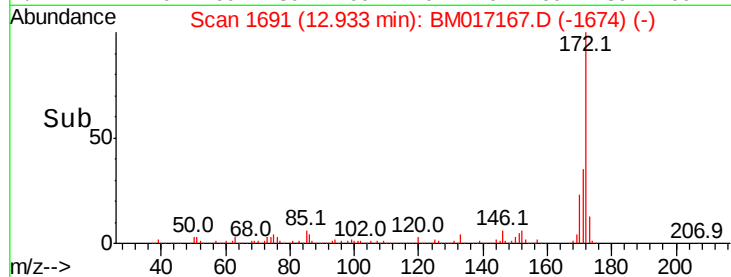
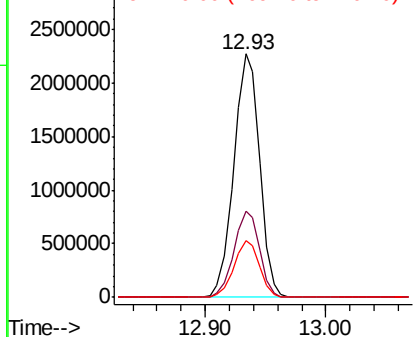
#45
2-Fluorobiphenyl
Concen: 80.718 ng
RT: 12.93 min Scan# 1691
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 3370595
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.2 18.3 27.5

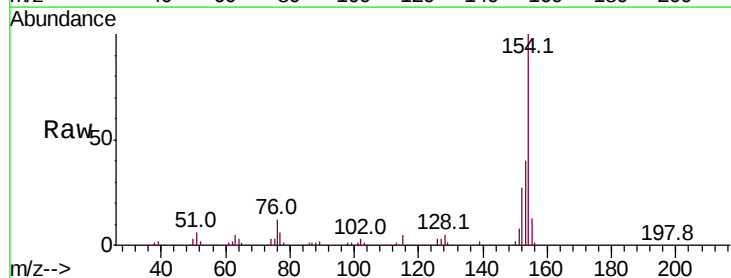


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

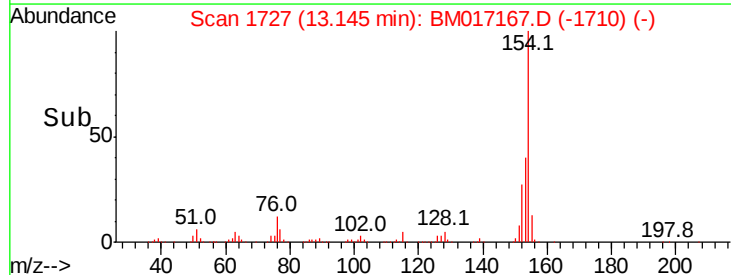
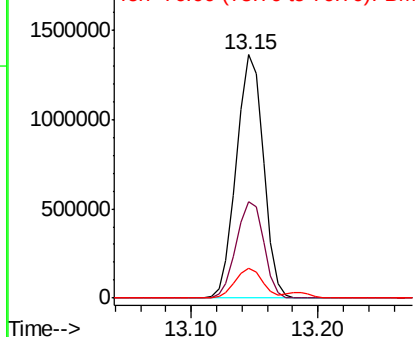


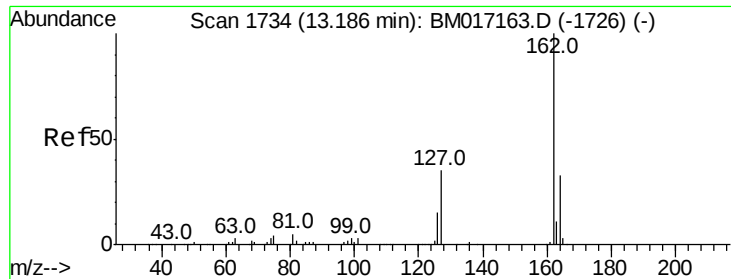
#46
1,1'-Biphenyl
Concen: 40.112 ng
RT: 13.15 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion:154 Resp: 2005553
Ion Ratio Lower Upper
154 100
153 39.8 20.5 60.5
76 12.2 0.0 31.8



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



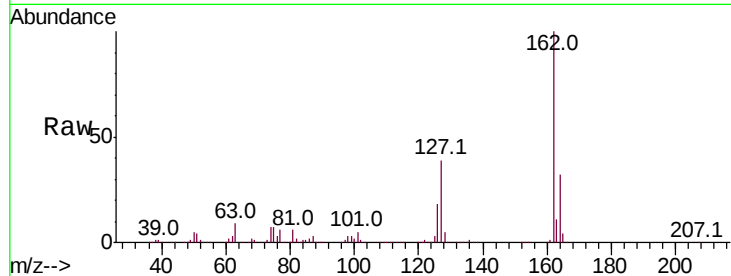


#47
 2-Chloronaphthalene
 Concen: 40.484 ng
 RT: 13.19 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

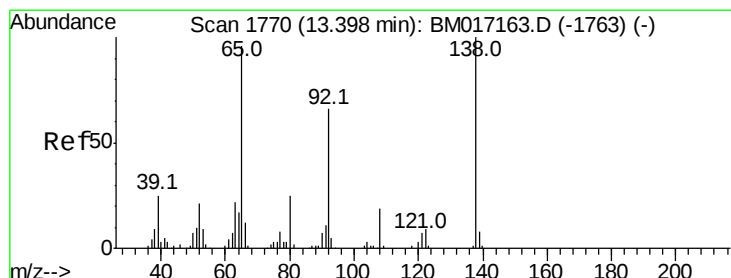
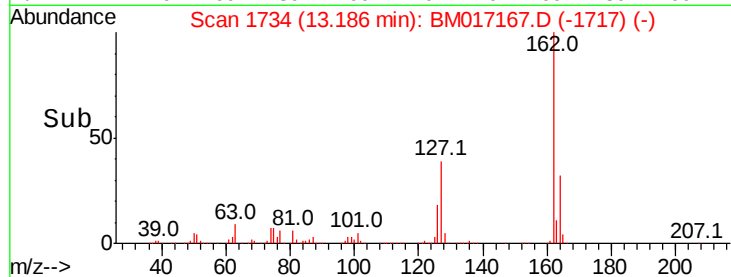
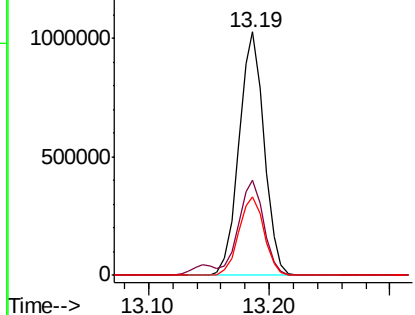
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:162 Resp: 1489087

Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.0	46.4
164	32.3	26.6	39.8



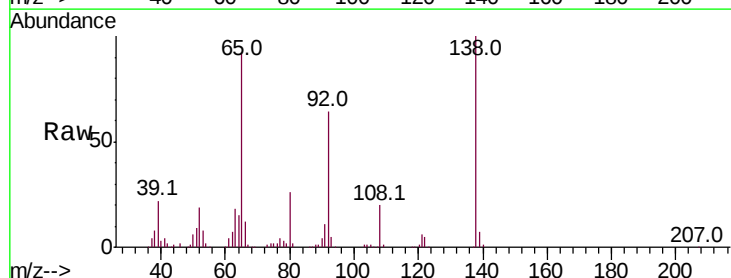
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



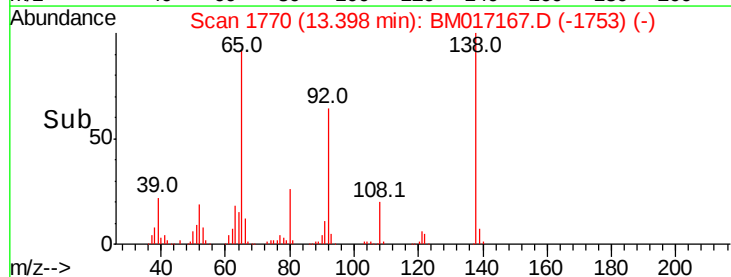
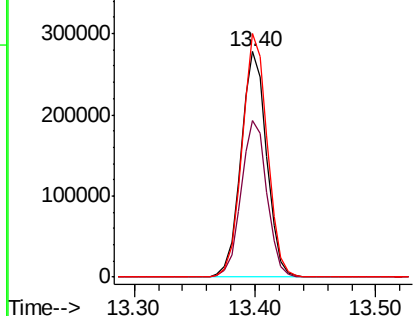
#48
 2-Nitroaniline
 Concen: 40.580 ng
 RT: 13.40 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

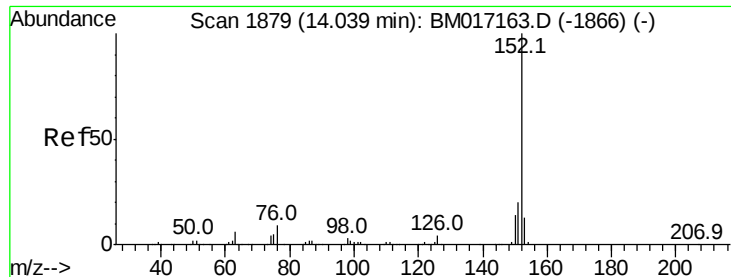
Tgt Ion: 65 Resp: 411330

Ion	Ratio	Lower	Upper
65	100		
92	69.5	54.9	82.3
138	108.1	83.7	125.5



Abundance Ion 65.00 (64.70 to 65.70): BM0
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.023 ng

RT: 14.04 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

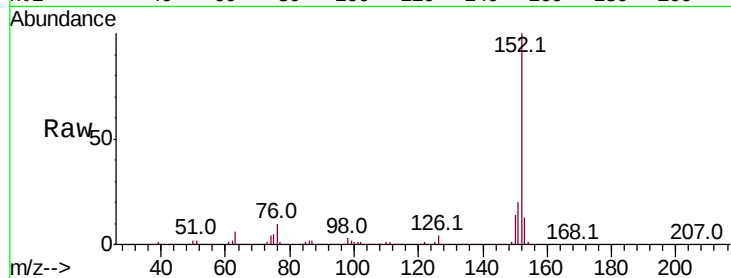
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 2240529

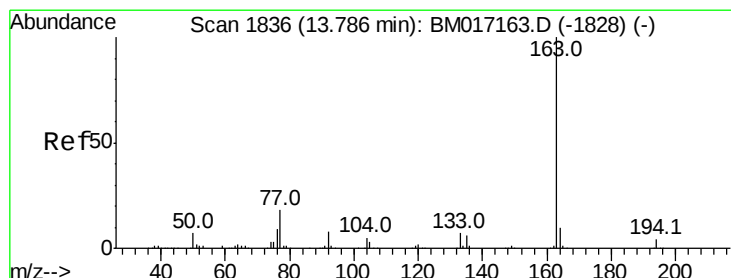
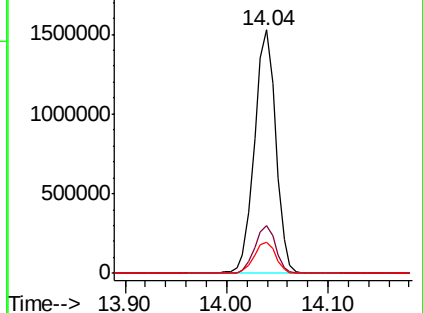
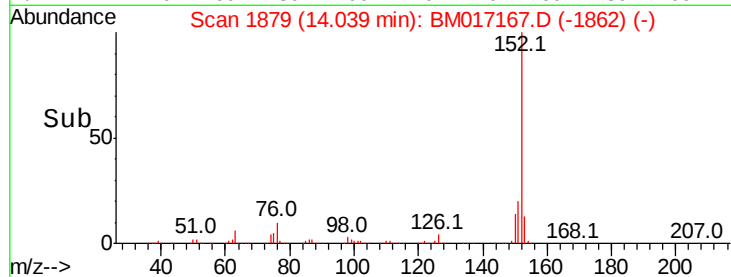
Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	12.8	10.4	15.6



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: 41.581 ng

RT: 13.79 min Scan# 1836

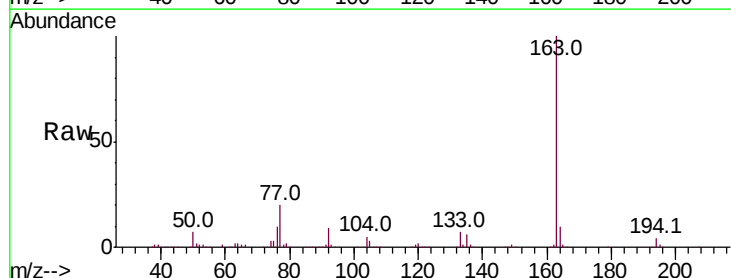
Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Tgt Ion:163 Resp: 1782399

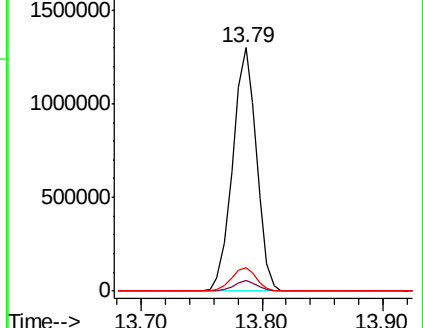
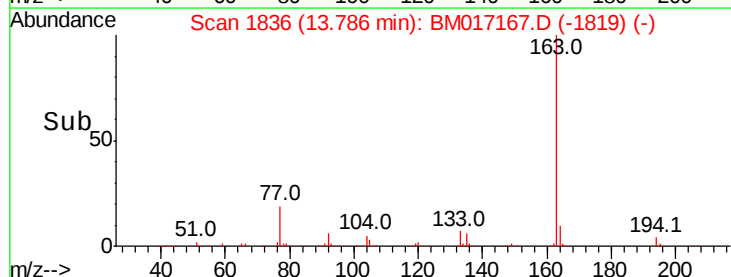
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.9	7.8	11.8

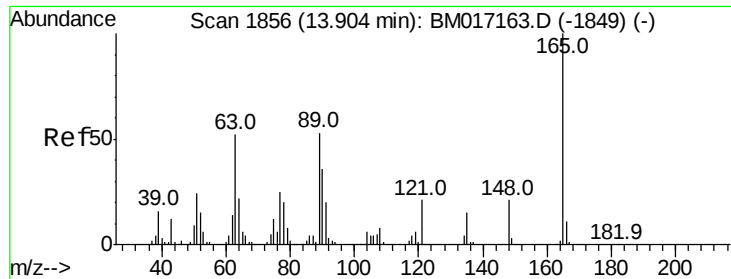


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

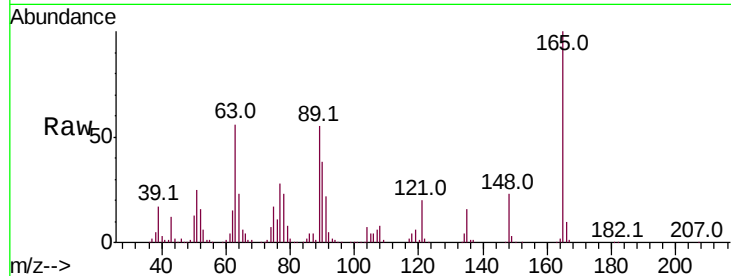




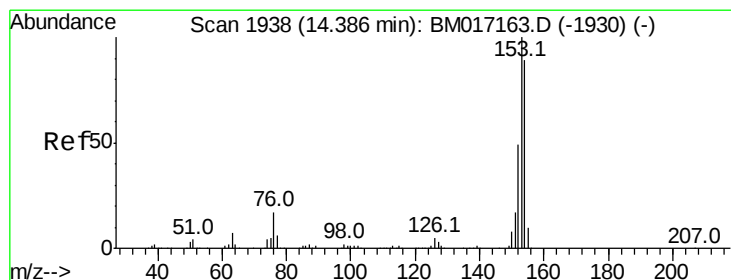
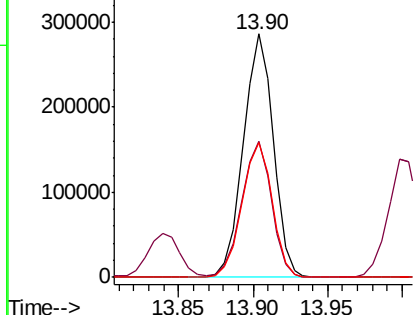
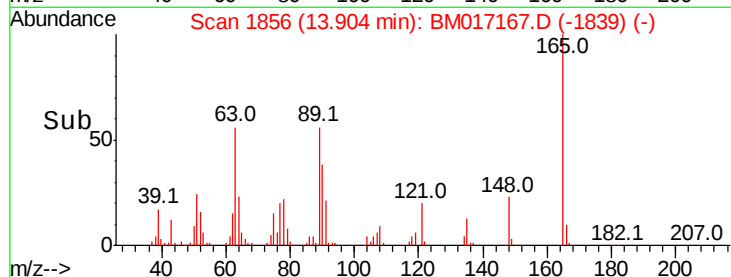
#51
2,6-Dinitrotoluene
Concen: 41.931 ng
RT: 13.90 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.8	42.7	64.1
89	55.4	42.1	63.1

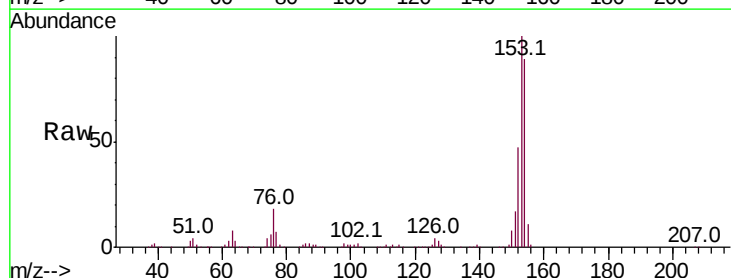


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0

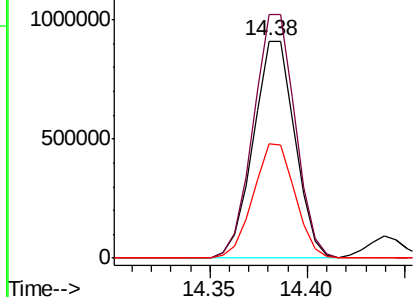
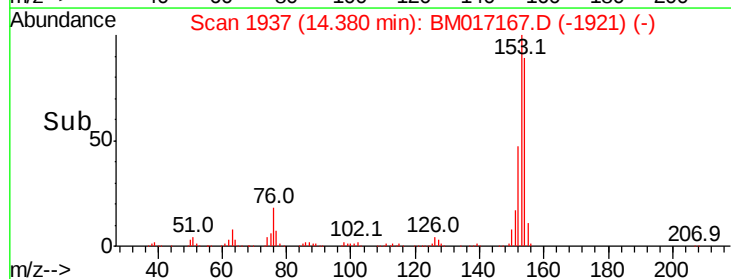


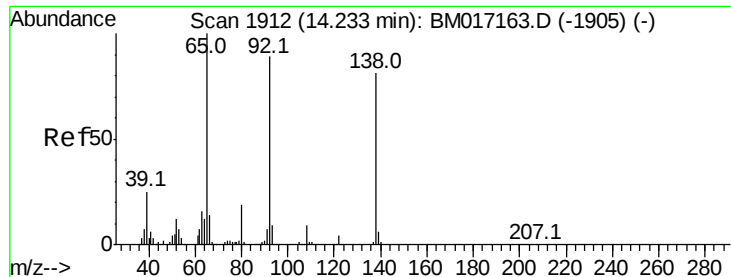
#52
Acenaphthene
Concen: 40.197 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.2	135.2
152	52.4	44.2	66.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

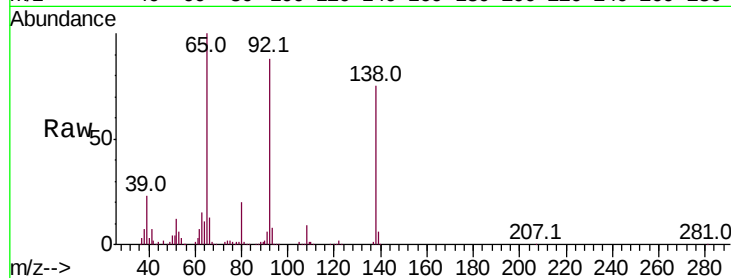




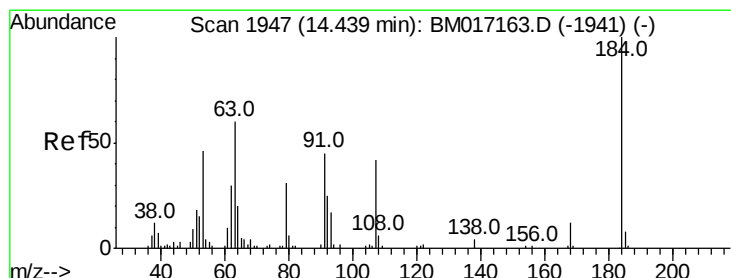
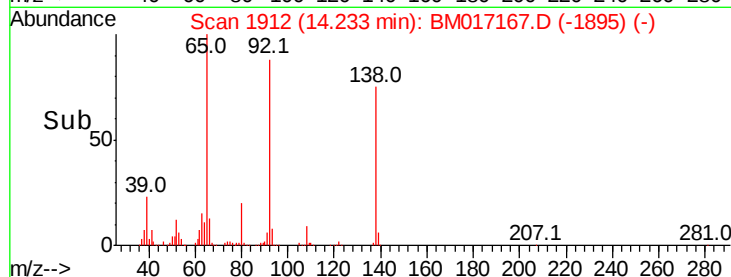
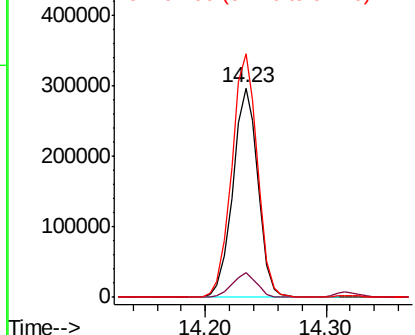
#53
3-Nitroaniline
Concen: 42.018 ng
RT: 14.23 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 429335
Ion Ratio Lower Upper
138 100
108 11.6 8.7 13.1
92 116.5 87.9 131.9

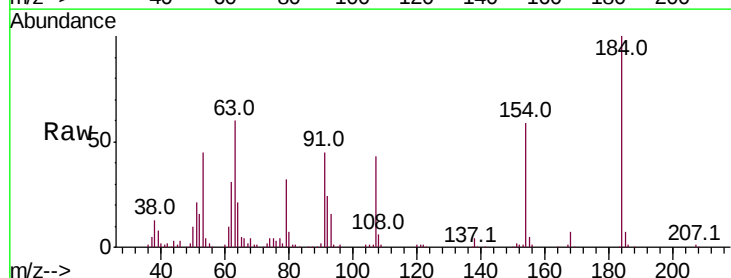


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

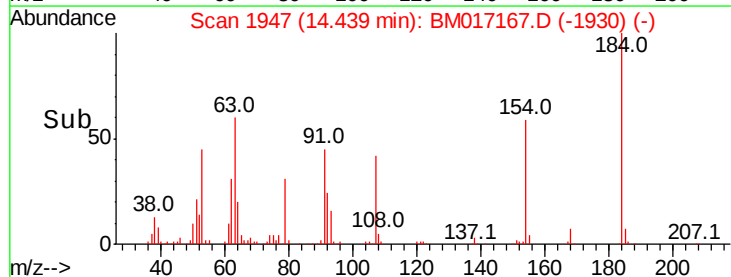
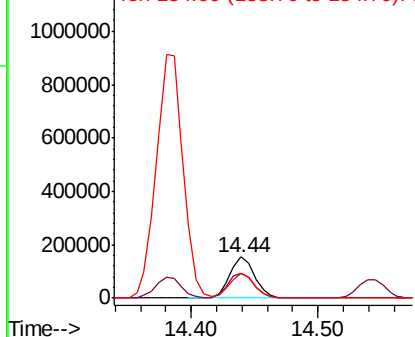


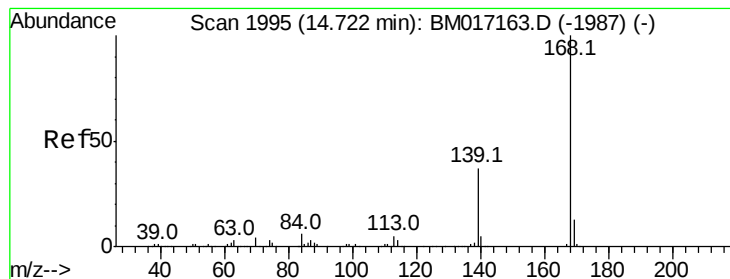
#54
2,4-Dinitrophenol
Concen: 42.101 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion:184 Resp: 208977
Ion Ratio Lower Upper
184 100
63 60.4 51.2 76.8
154 59.1 47.8 71.8



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





#55

Dibenzenofuran

Concen: 39.979 ng

RT: 14.72 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

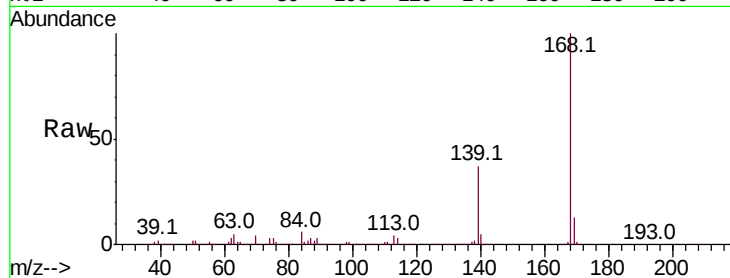
Tot Ion:168 Resp: 2225621

Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.3	43.9
169	13.1	10.6	15.8

168 100

139 36.8 29.3 43.9

169 13.1 10.6 15.8

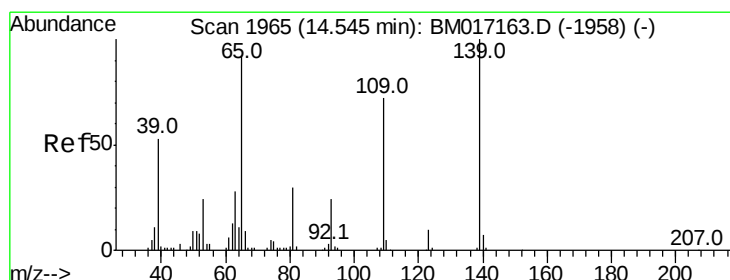
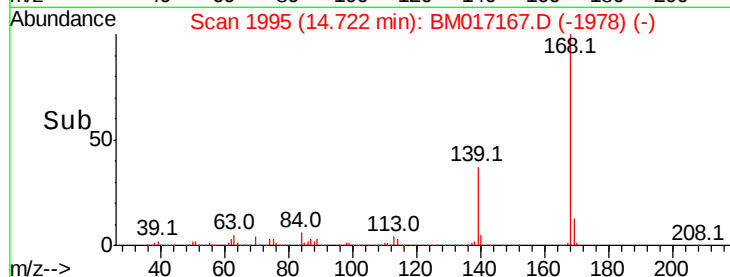
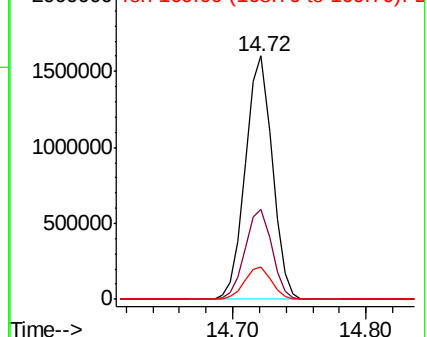


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 40.872 ng

RT: 14.55 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

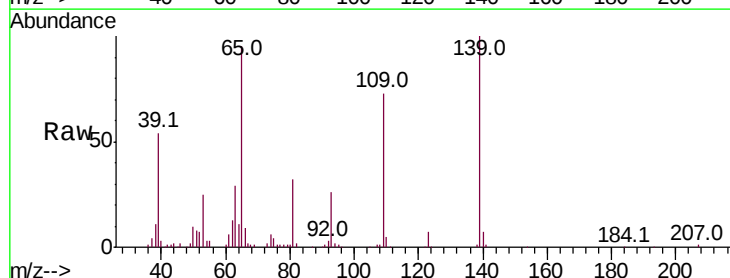
Tgt Ion:139 Resp: 357790

Ion	Ratio	Lower	Upper
139	100		
109	73.0	51.8	91.8
65	95.3	72.1	112.1

139 100

109 73.0 51.8 91.8

65 95.3 72.1 112.1

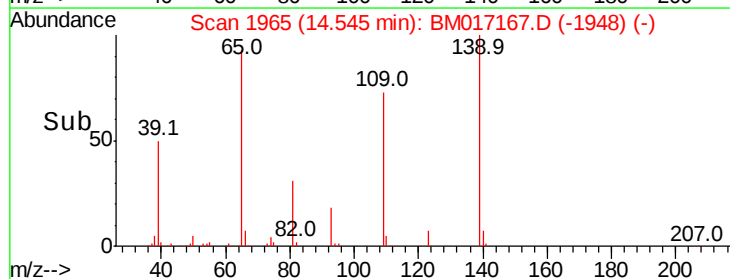
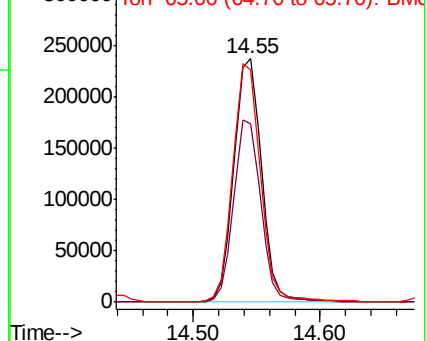


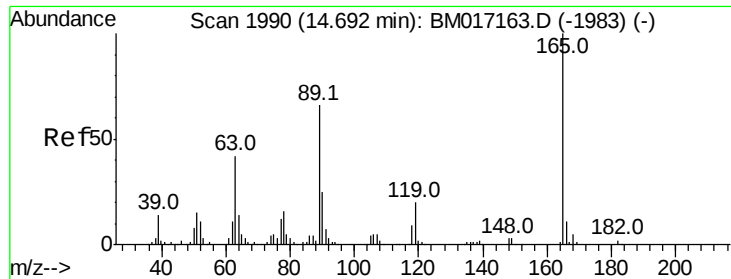
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

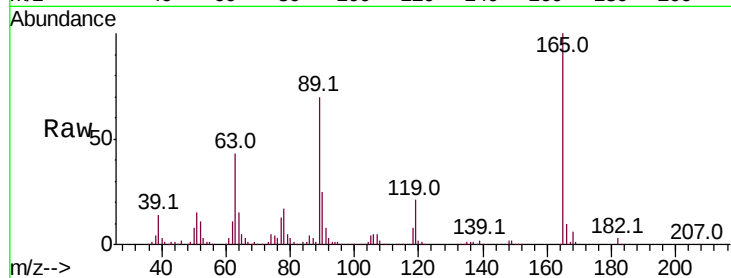




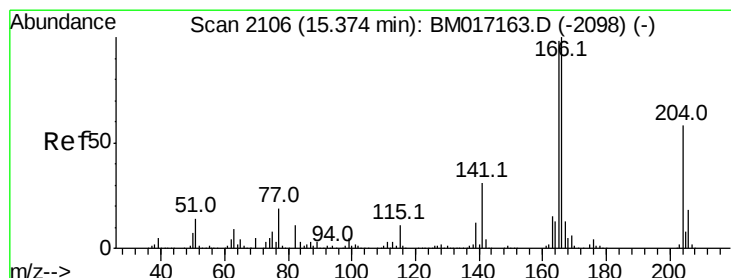
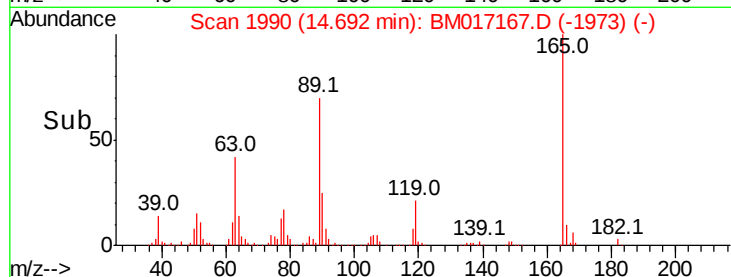
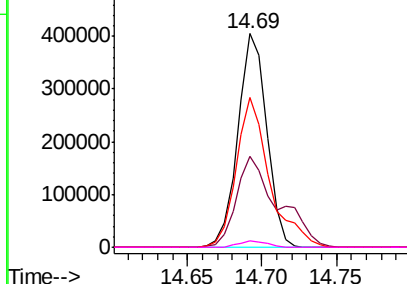
#57
 2,4-Dinitrotoluene
 Concen: 42.831 ng
 RT: 14.69 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165	Resp:	543112
Ion	Ratio	Lower Upper
165	100	
63	42.6	33.8 50.8
89	70.0	53.1 79.7
182	2.9	2.0 3.0

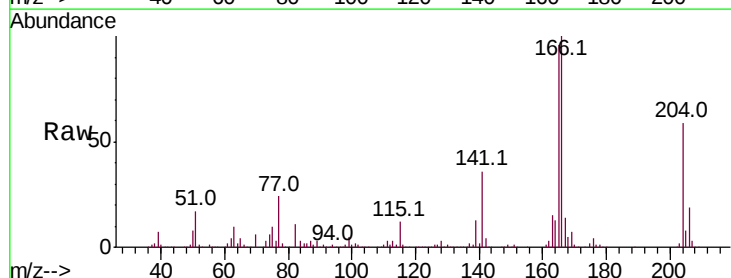


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

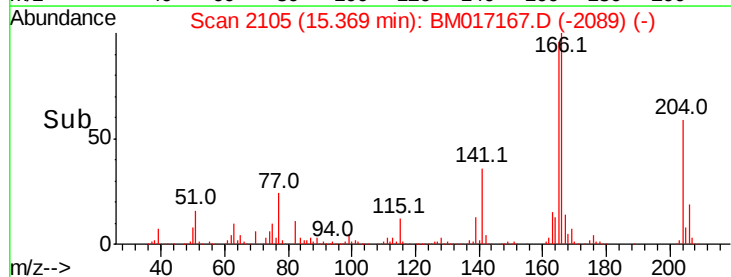
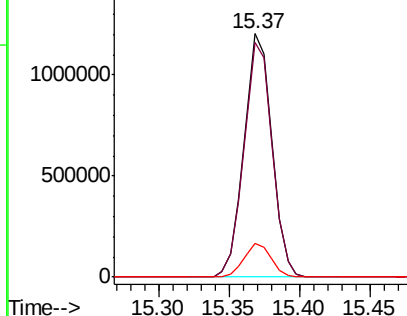


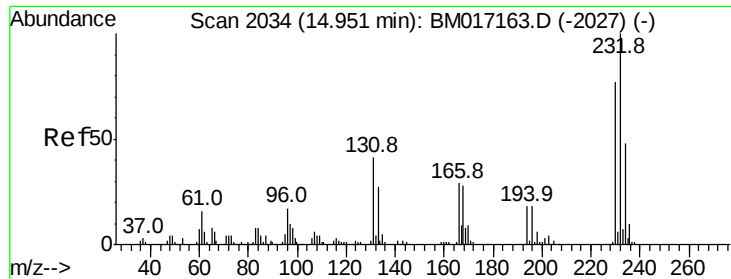
#58
 Fluorene
 Concen: 40.563 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

Tgt Ion:166	Resp:	1671408
Ion	Ratio	Lower Upper
166	100	
165	96.4	78.1 117.1
167	13.7	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

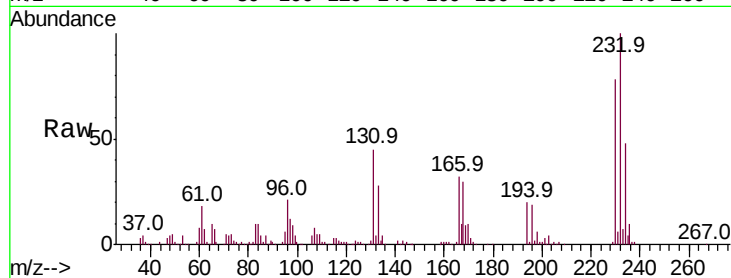




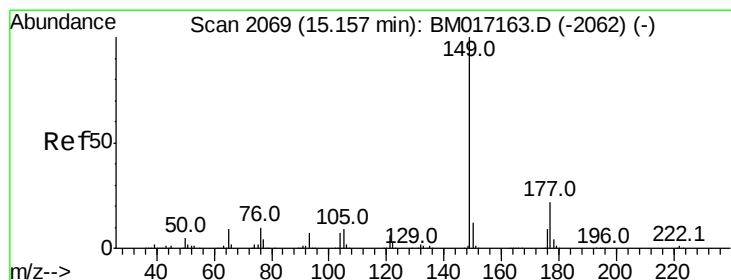
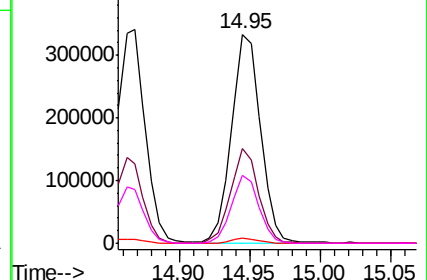
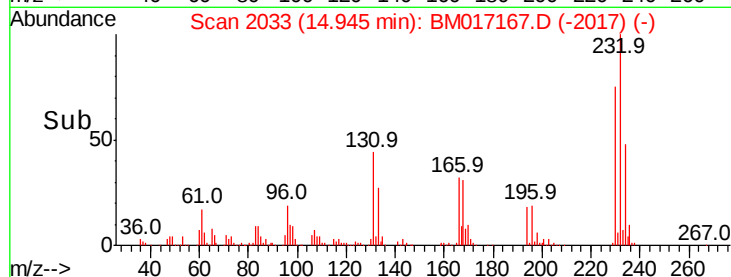
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.671 ng
RT: 14.95 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232	Resp:	473752
Ion Ratio	Lower	Upper
232	100	
131	43.2	33.1 49.7
130	2.3	1.7 2.5
166	31.2	24.4 36.6

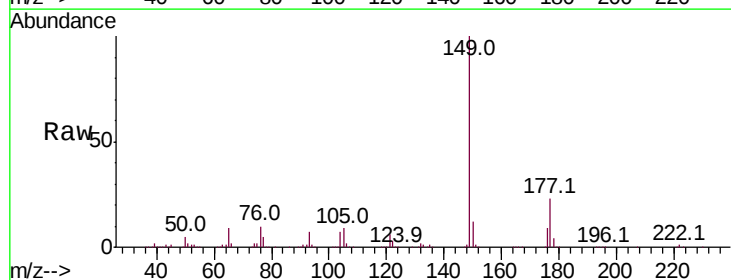


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

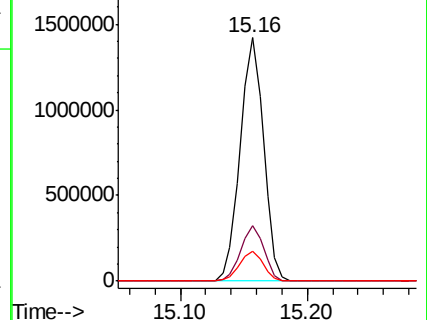
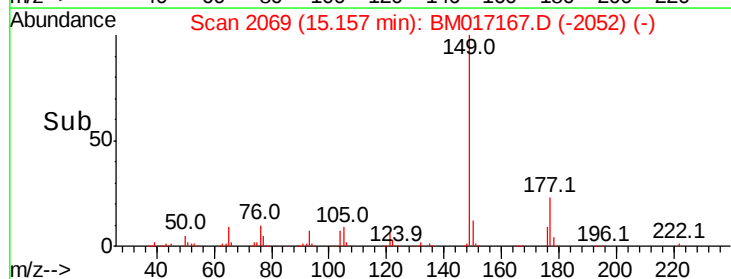


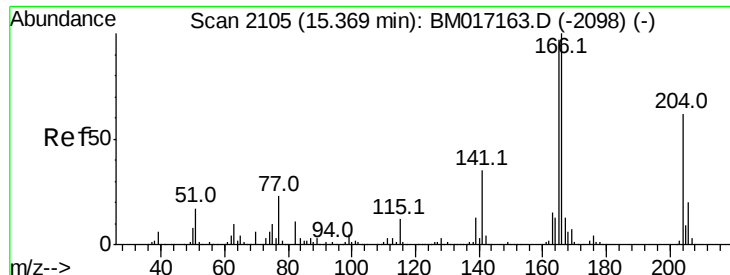
#60
Diethylphthalate
Concen: 42.604 ng
RT: 15.16 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion:149	Resp:	1811120
Ion Ratio	Lower	Upper
149	100	
177	22.7	17.7 26.5
150	12.1	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

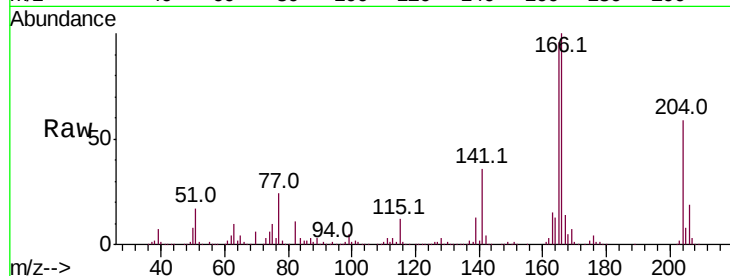




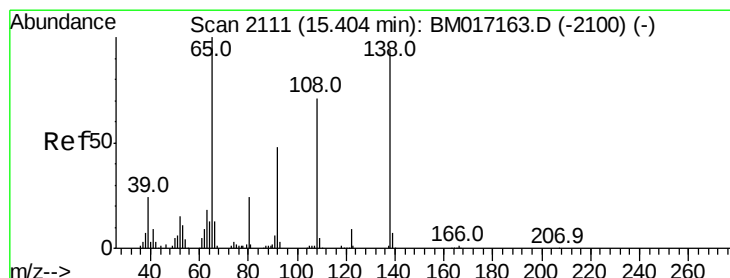
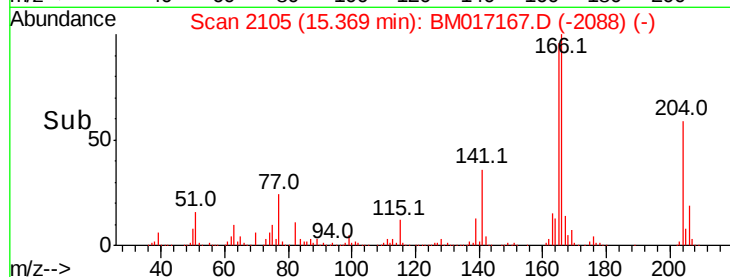
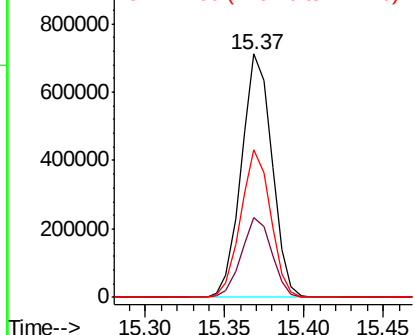
#61
4-Chlorophenyl-phenylether
Concen: 40.529 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 952063
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 60.7 45.4 68.2

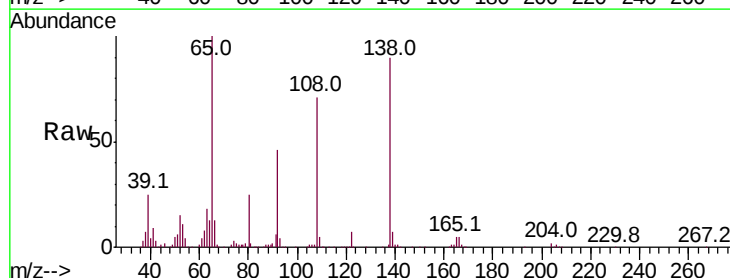


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

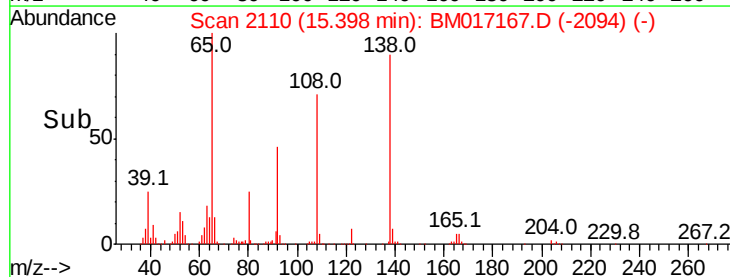
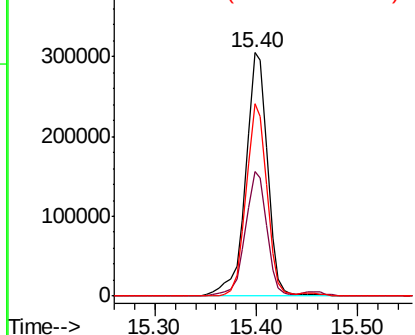


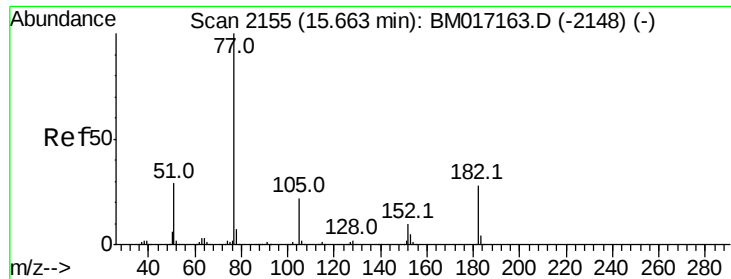
#62
4-Nitroaniline
Concen: 40.997 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion:138 Resp: 458715
Ion Ratio Lower Upper
138 100
92 51.1 31.2 71.2
108 79.1 55.5 95.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.559 ng

RT: 15.66 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1717192

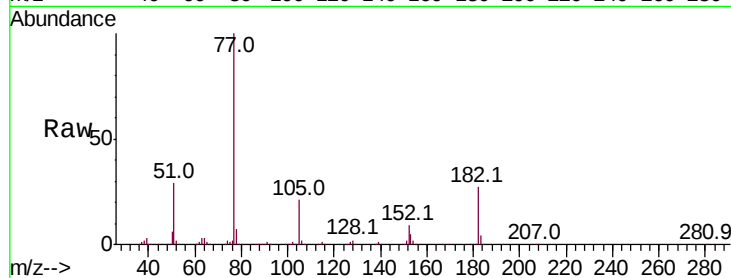
Ion	Ratio	Lower	Upper
77	100		
182	27.4	8.3	48.3
105	21.4	1.5	41.5
51	29.0	8.8	48.8

77 100

182 27.4 8.3 48.3

105 21.4 1.5 41.5

51 29.0 8.8 48.8

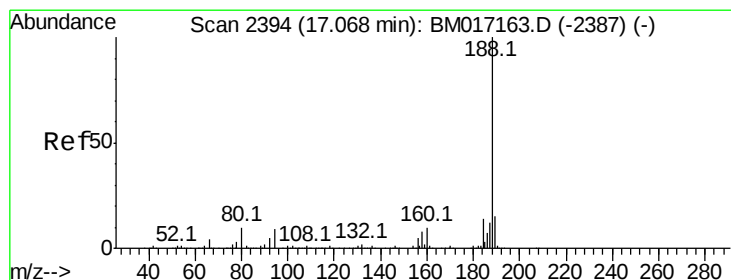
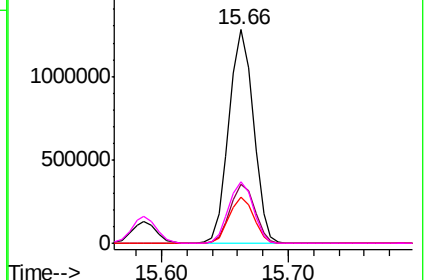
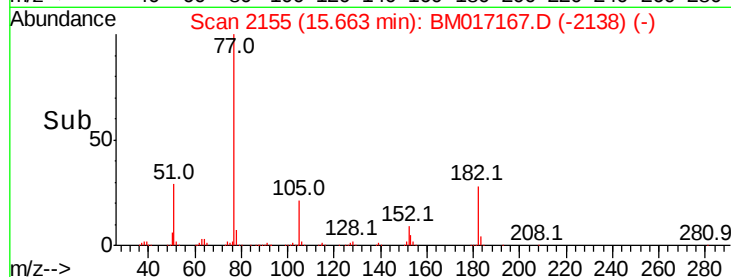


Abundance Ion 77.00 (76.70 to 77.70): BM017167.D (-2148) (-)

Ion 182.00 (181.70 to 182.70): BM017167.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BM017167.D (-2148) (-)

Ion 51.00 (50.70 to 51.70): BM017167.D (-2148) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

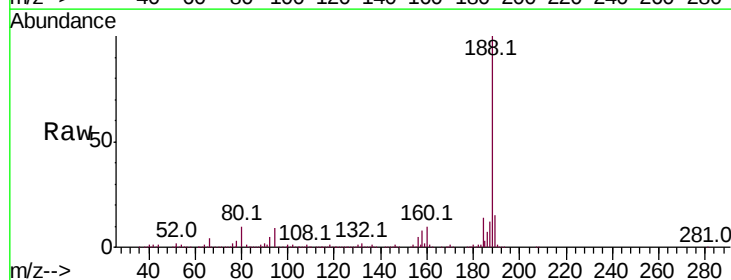
Tgt Ion: 188 Resp: 1268859

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.4
80	10.2	7.7	11.5

188 100

94 9.2 7.0 10.4

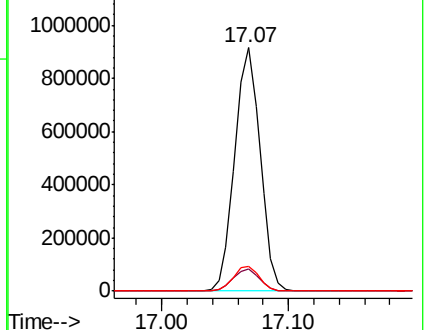
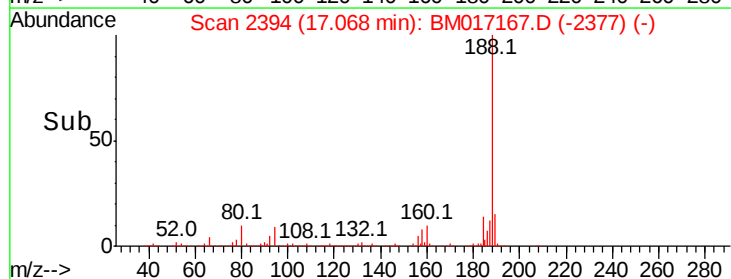
80 10.2 7.7 11.5

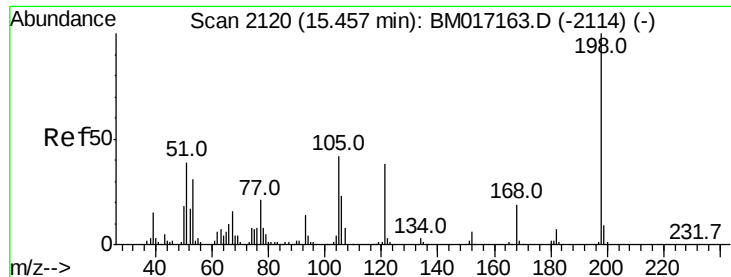


Abundance Ion 188.00 (187.70 to 188.70): BM017167.D (-2387) (-)

Ion 94.00 (93.70 to 94.70): BM017167.D (-2387) (-)

Ion 80.00 (79.70 to 80.70): BM017167.D (-2387) (-)

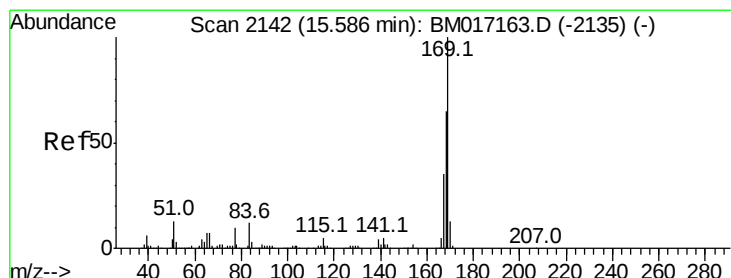
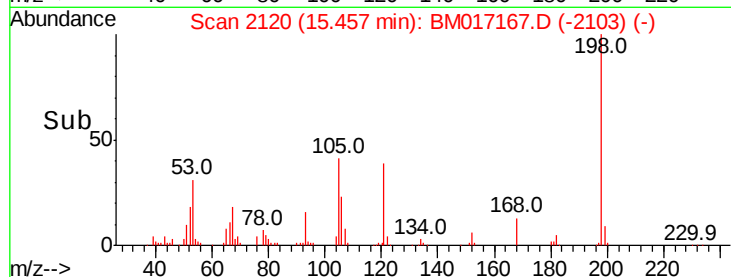
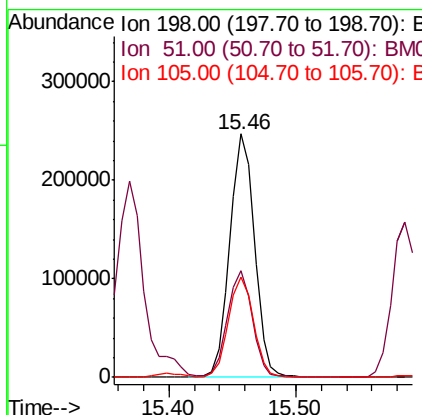
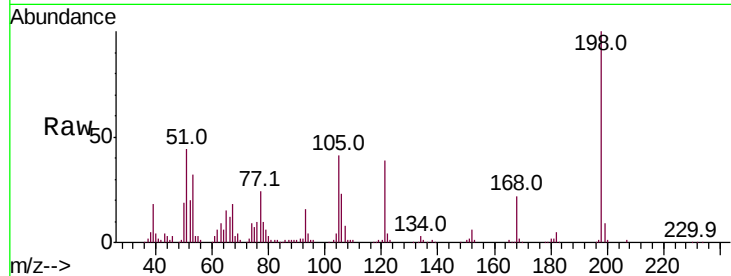




#65
4,6-Dinitro-2-methylphenol
Concen: 41.954 ng
RT: 15.46 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

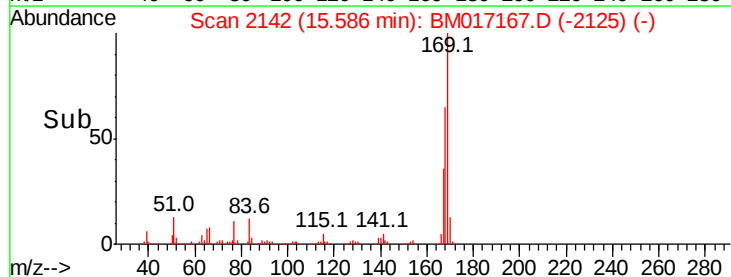
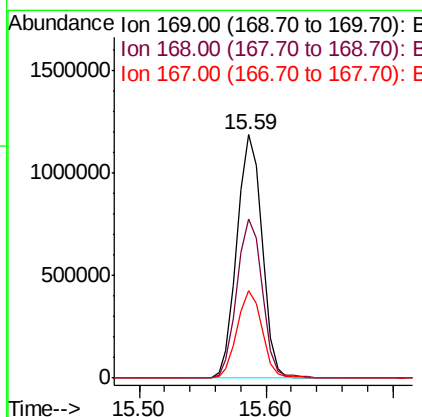
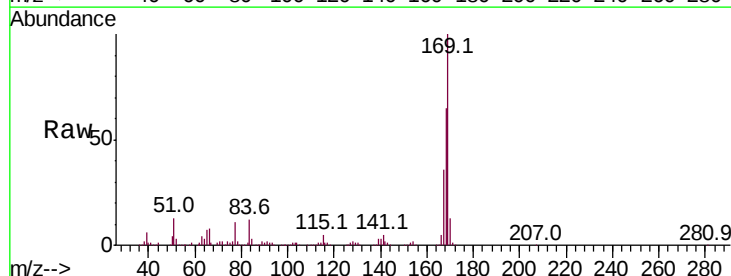
Instrument :
BNA_M
ClientSampleId :

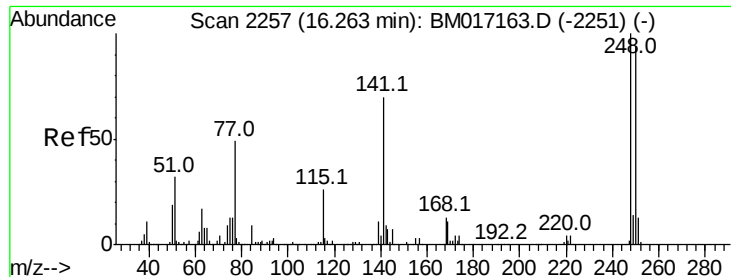
Tot Ion	Ratio	Lower	Upper
198	100		
51	43.9	20.3	60.3
105	41.0	21.9	61.9



#66
n-Nitrosodiphenylamine
Concen: 42.101 ng
RT: 15.59 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.5	52.2	78.4
167	36.2	28.4	42.6

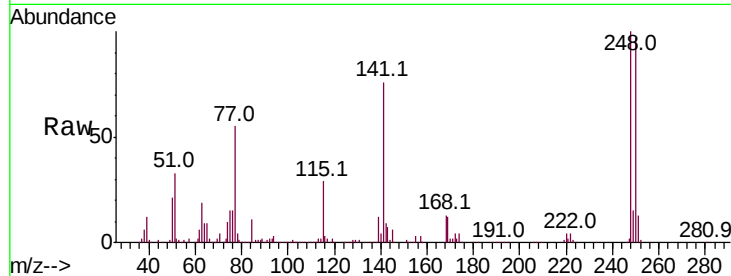




#67
4-Bromophenyl-phenylether
Concen: 42.960 ng
RT: 16.26 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	75.1	112.7
141	76.1	55.6	83.4

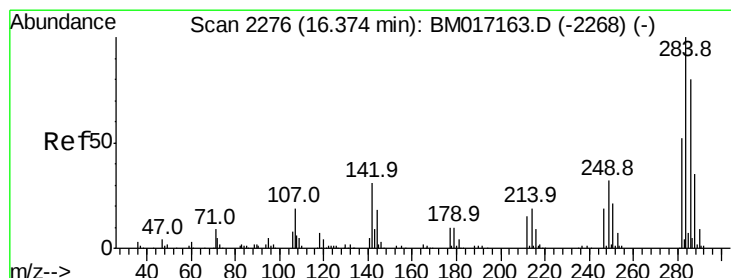
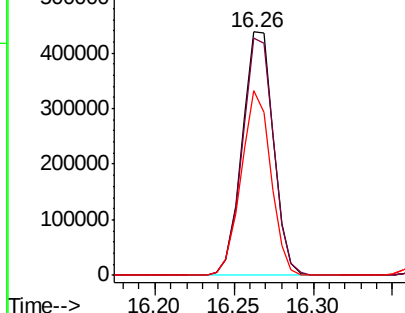
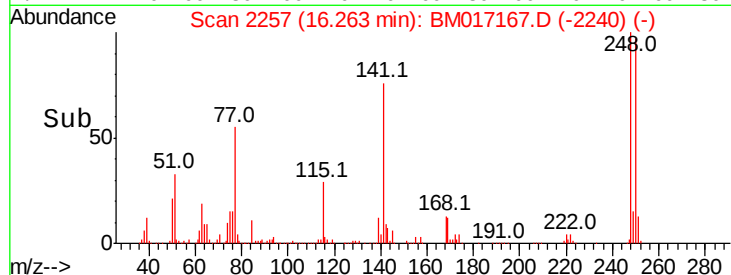


Abundance

Ion 248.00 (247.70 to 248.70): E

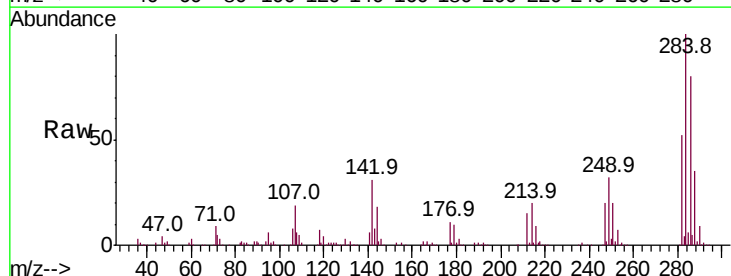
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.564 ng
RT: 16.37 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	25.0	37.6
249	31.6	25.5	38.3

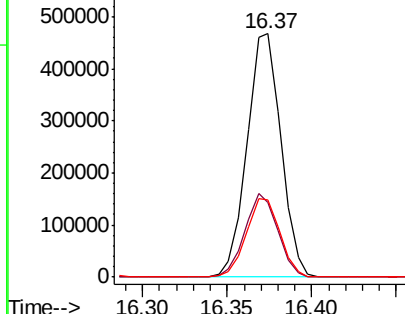
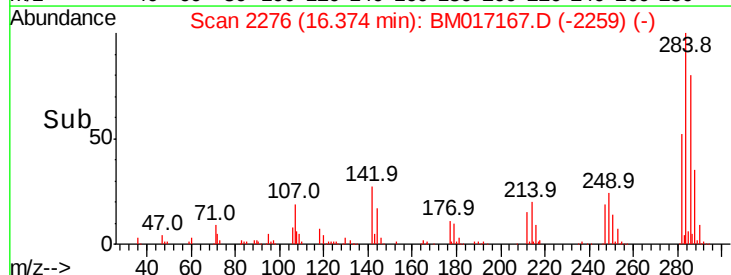


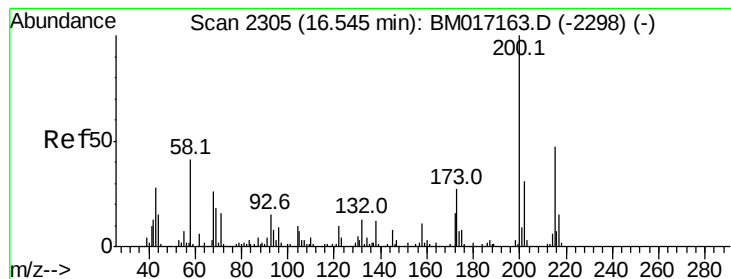
Abundance

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

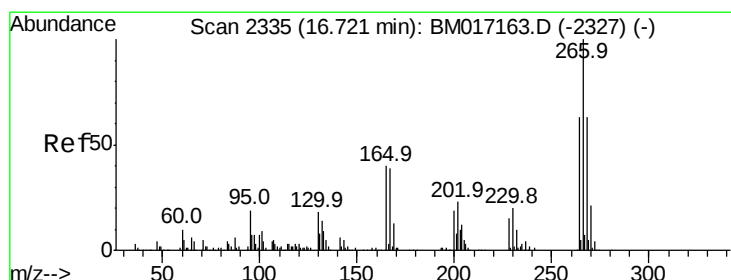
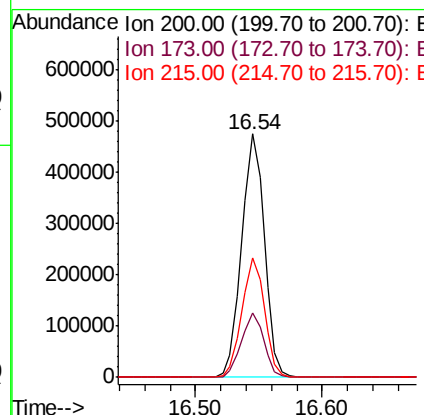
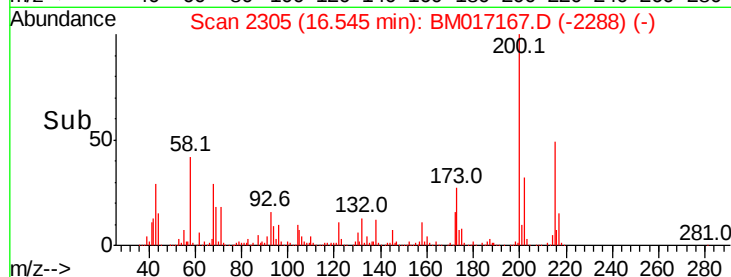
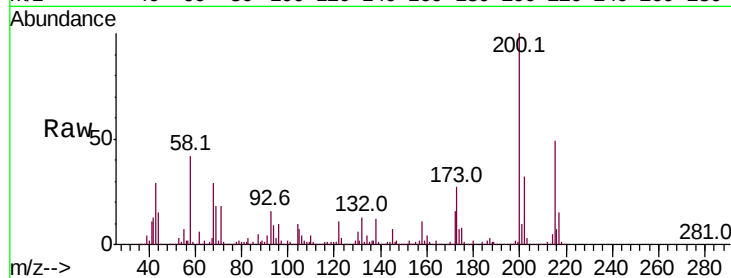




#69
 Atrazine
 Concen: 42.851 ng
 RT: 16.54 min Scan# 2305
 Delta R.T. 0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

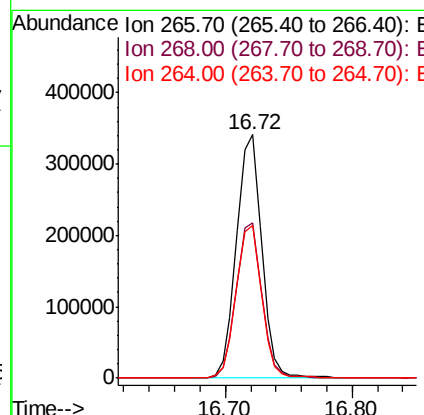
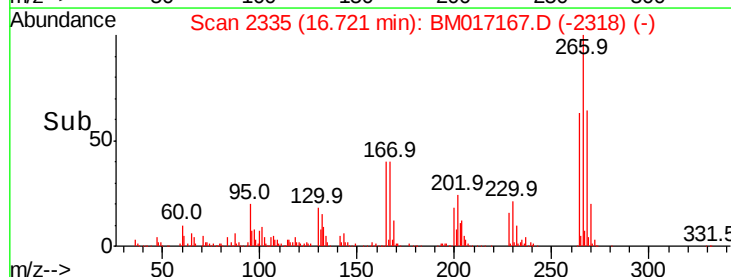
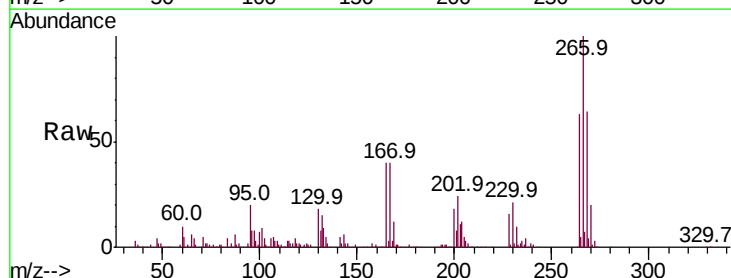
Instrument :
 BNA_M
 ClientSampleId :

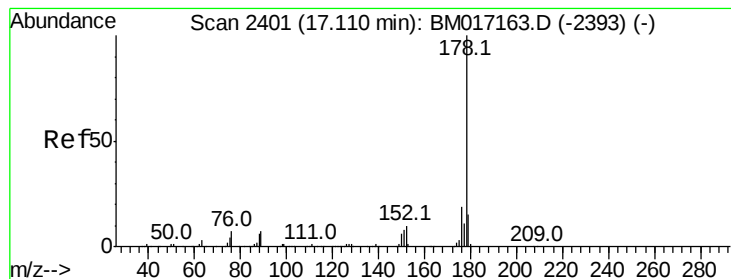
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.0	47.0
215	49.3	27.3	67.3



#70
 Pentachlorophenol
 Concen: 42.533 ng
 RT: 16.72 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.7	76.1
264	62.8	50.4	75.6





#71

Phenanthrene

Concen: 40.439 ng

RT: 17.11 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampled :

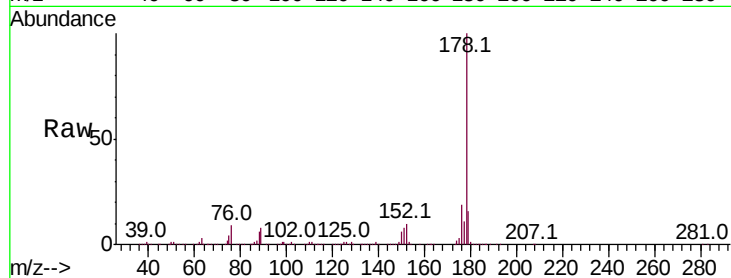
Tot Ion:178 Resp: 2768443

Ion Ratio Lower Upper

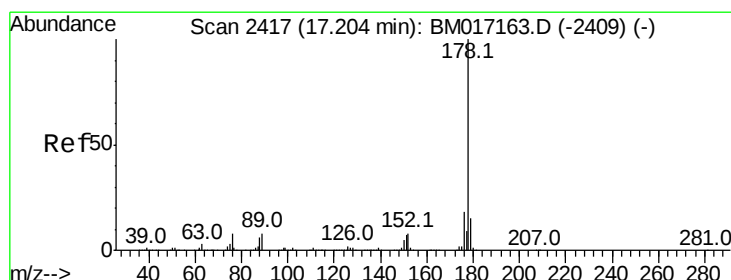
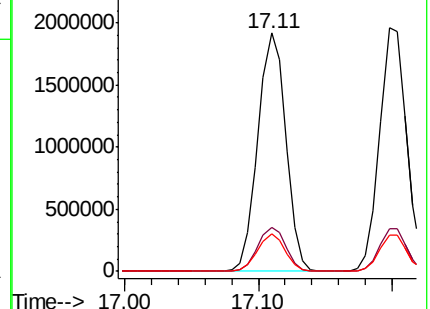
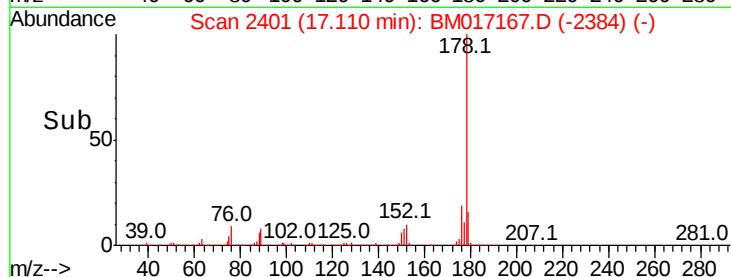
178 100

176 18.7 15.0 22.6

179 15.6 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.119 ng

RT: 17.20 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

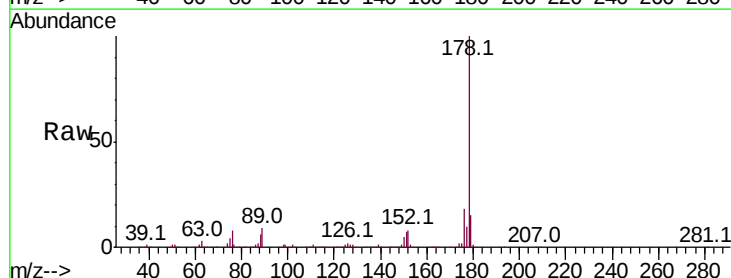
Tgt Ion:178 Resp: 2739783

Ion Ratio Lower Upper

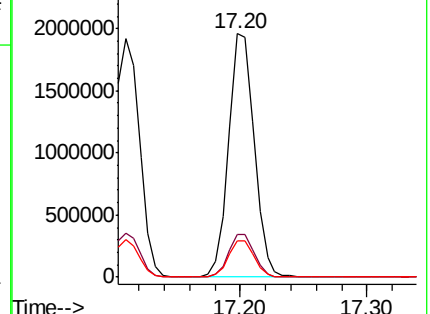
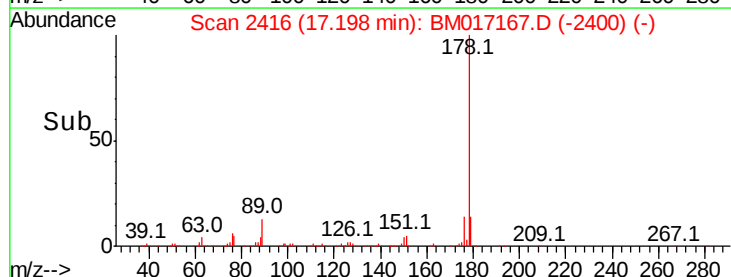
178 100

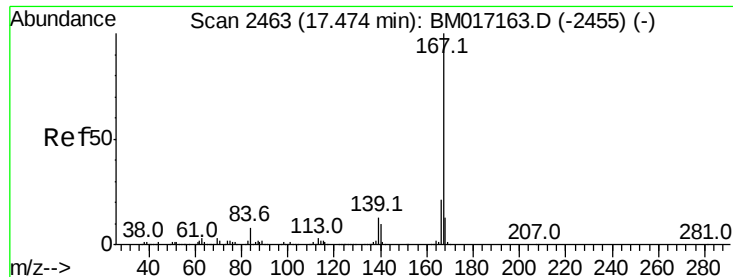
176 17.8 14.5 21.7

179 15.1 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.327 ng

RT: 17.47 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

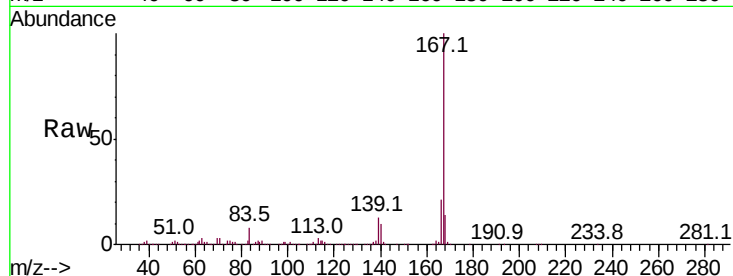
Tot Ion:167 Resp: 2812536

Ion Ratio Lower Upper

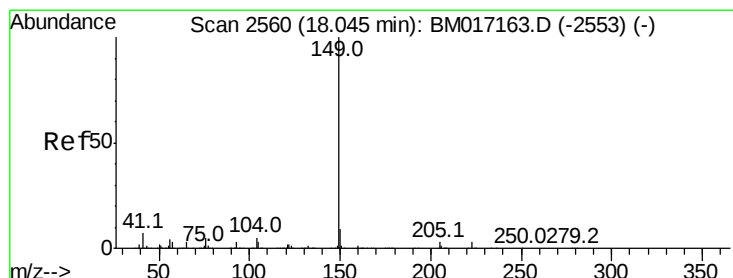
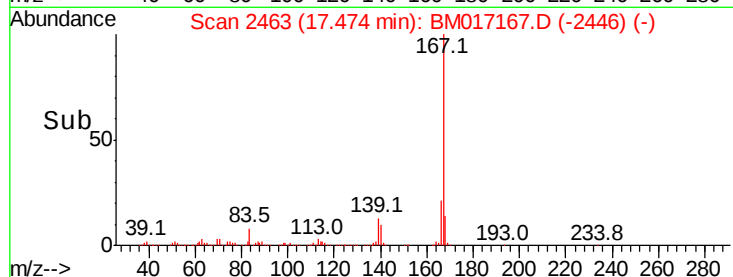
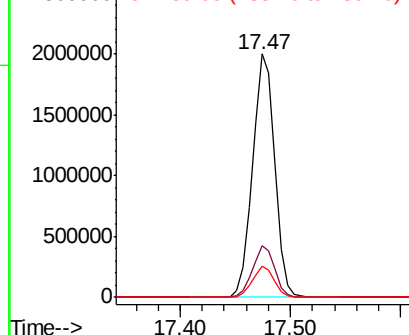
167 100

166 21.0 17.1 25.7

139 12.6 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.235 ng

RT: 18.04 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

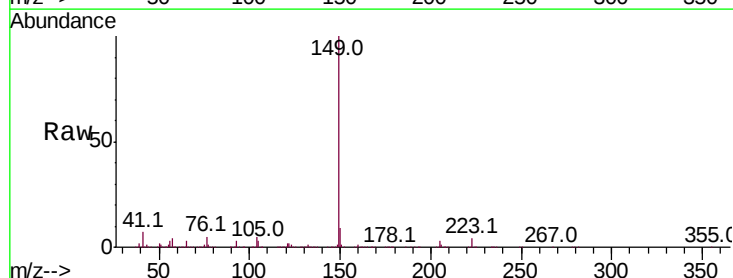
Tgt Ion:149 Resp: 3030006

Ion Ratio Lower Upper

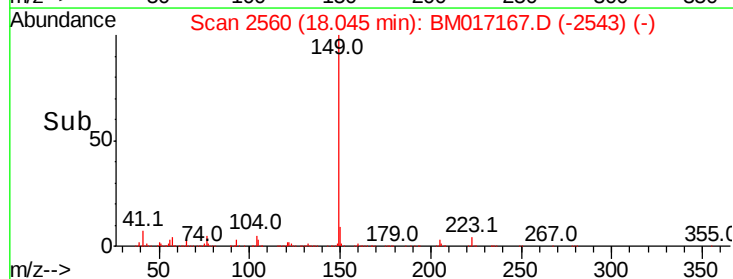
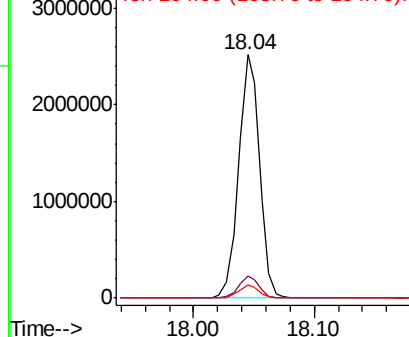
149 100

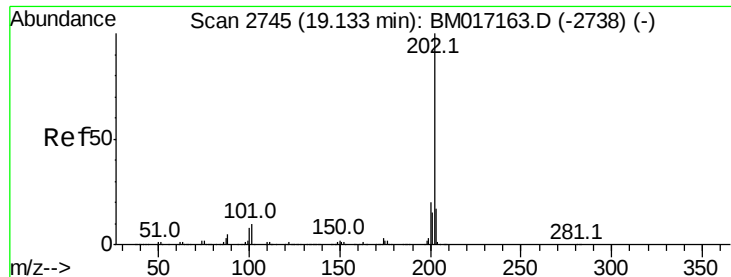
150 9.2 7.4 11.0

104 5.2 4.3 6.5



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





#75

Fluoranthene

Concen: 42.575 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

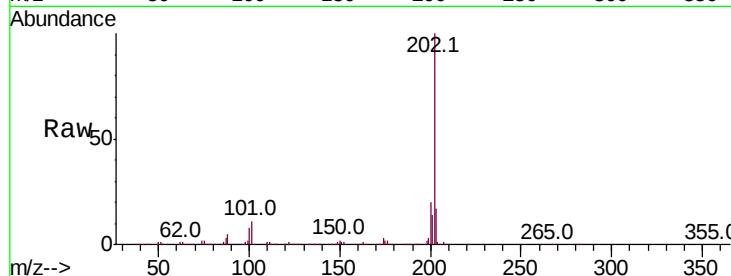
Tot Ion:202 Resp: 3279711

Ion Ratio Lower Upper

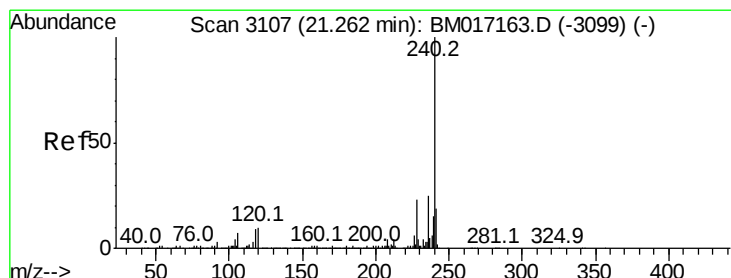
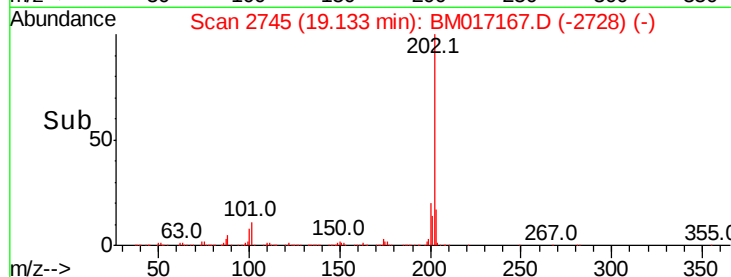
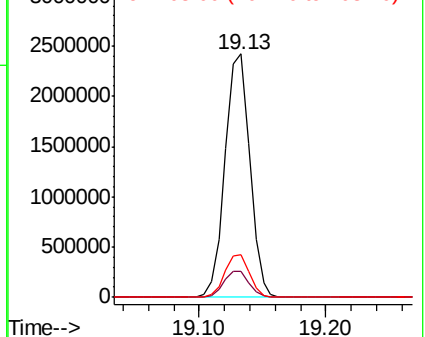
202 100

101 10.6 0.0 30.0

203 17.4 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: BM017167.D

Acq: 17 Oct 2018 14:25

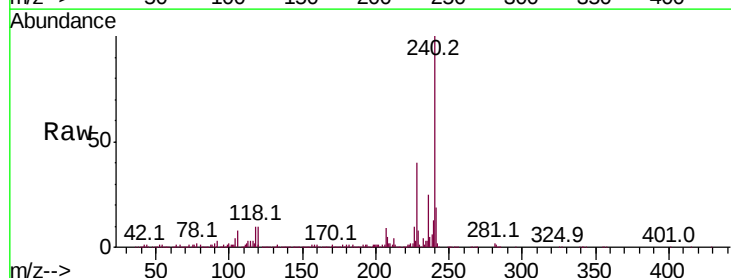
Tgt Ion:240 Resp: 1485624

Ion Ratio Lower Upper

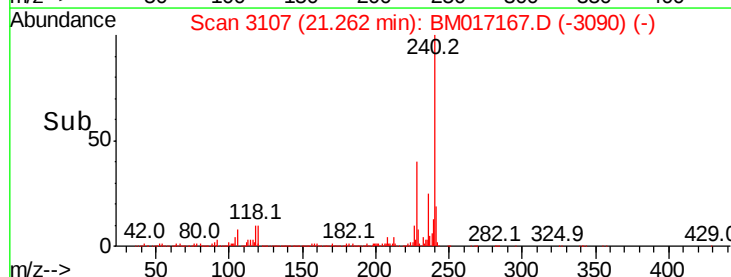
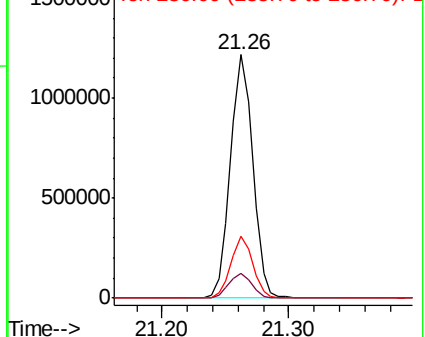
240 100

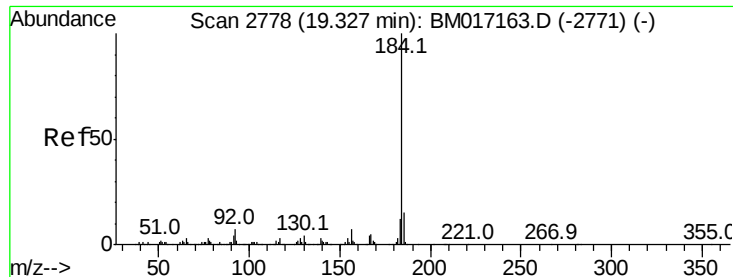
120 10.4 8.1 12.1

236 25.2 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: 47.766 ng

RT: 19.33 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

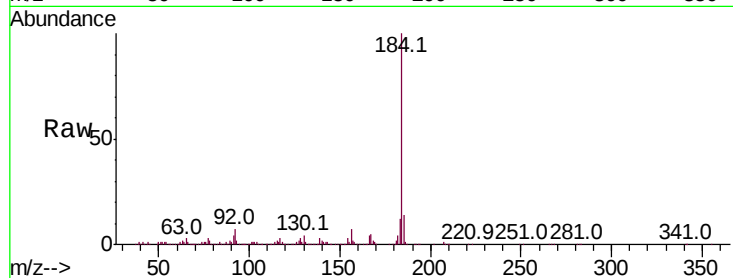
Tot Ion:184 Resp: 1799339

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.8	17.8
183	11.7	9.7	14.5

184 100

185 13.7 11.8 17.8

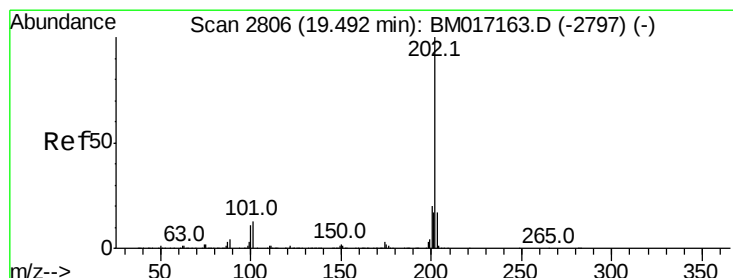
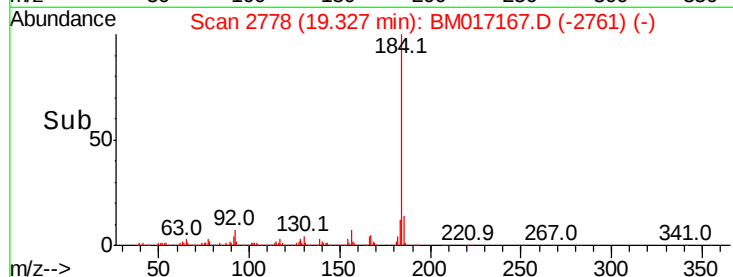
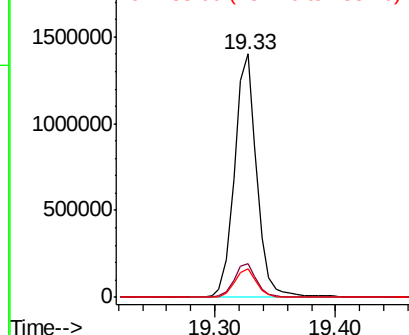
183 11.7 9.7 14.5



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: 41.625 ng

RT: 19.49 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

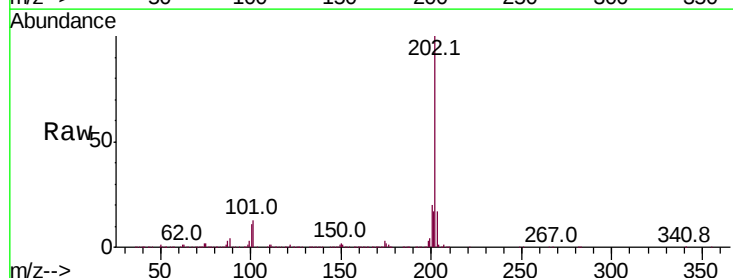
Tgt Ion:202 Resp: 3456255

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.4	13.9	20.9

202 100

200 20.5 16.3 24.5

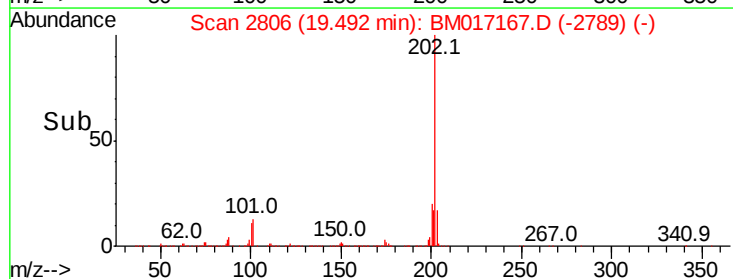
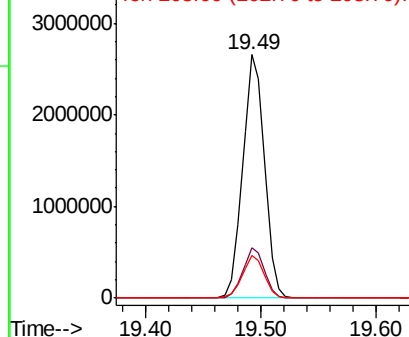
203 17.4 13.9 20.9

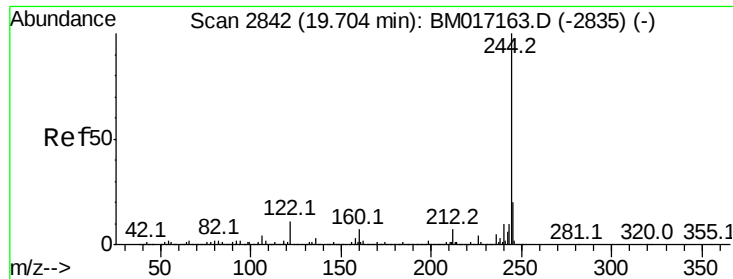


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

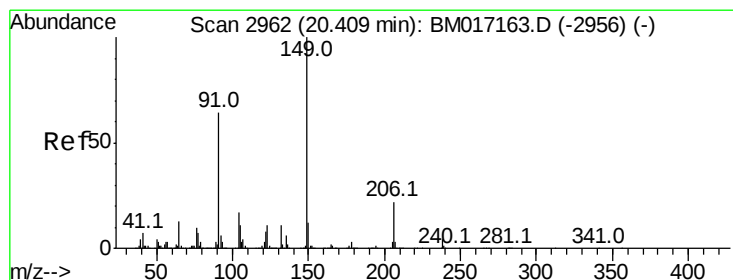
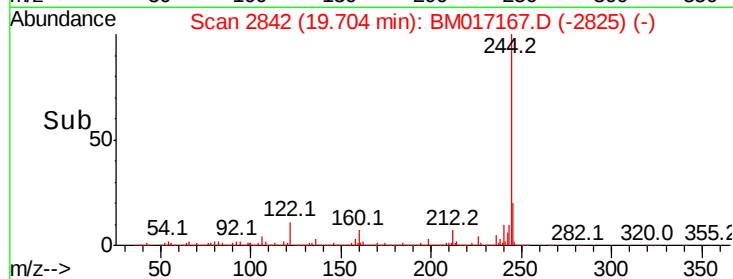
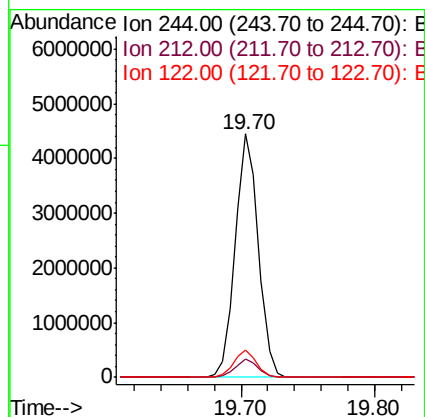
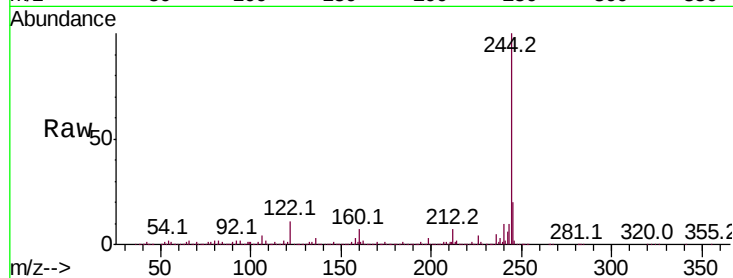




#79
 Terphenyl-d14
 Concen: 81.573 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

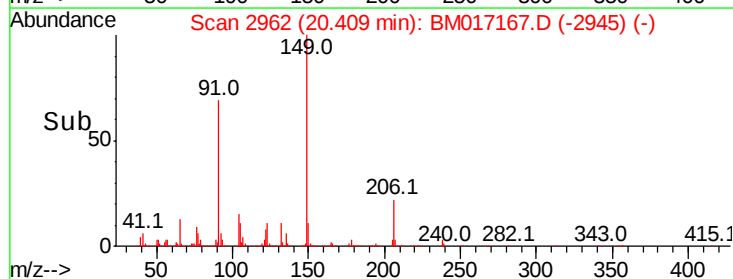
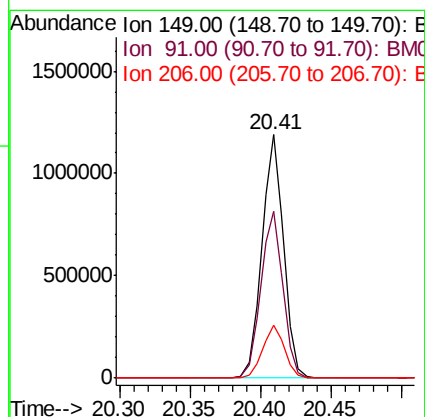
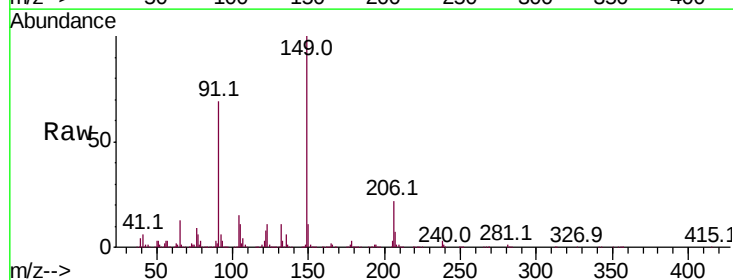
Instrument :
 BNA_M
 ClientSampleId :

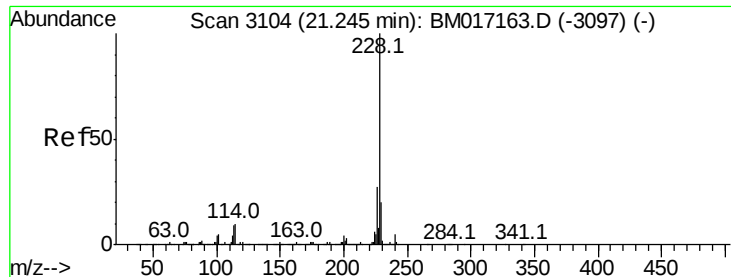
Tot Ion:244 Resp: 5376504
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 11.1 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 41.757 ng
 RT: 20.41 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: BM017167.D
 Acq: 17 Oct 2018 14:25

Tgt Ion:149 Resp: 1284681
 Ion Ratio Lower Upper
 149 100
 91 68.6 51.3 76.9
 206 21.9 18.0 27.0





#81

Benzo(a)anthracene

Concen: 40.752 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

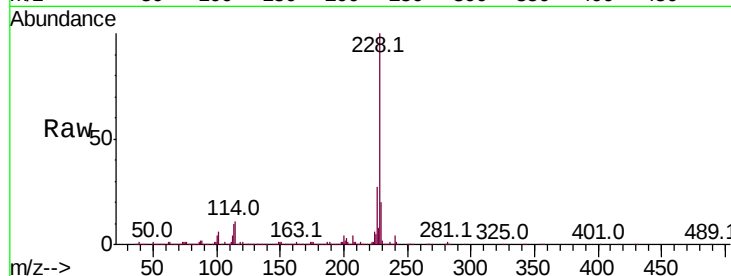
Tot Ion:228 Resp: 3406960

Ion Ratio Lower Upper

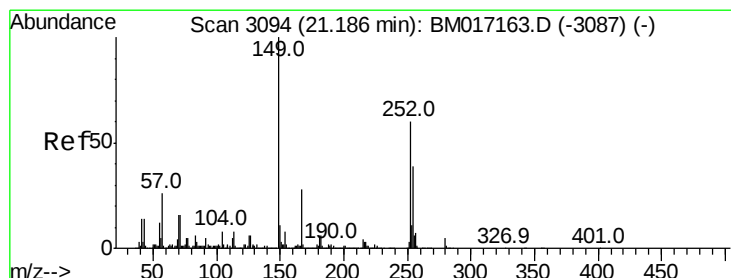
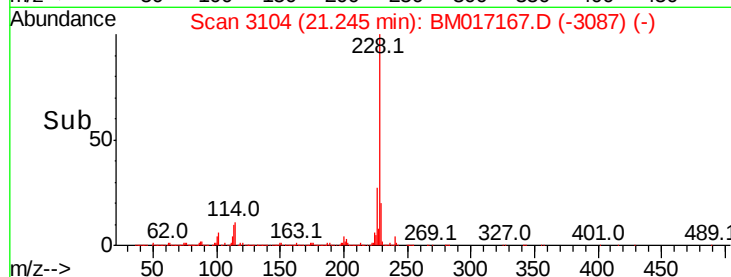
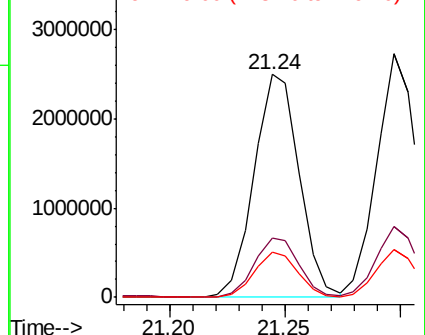
228 100

226 26.5 21.4 32.0

229 20.1 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: 42.598 ng

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

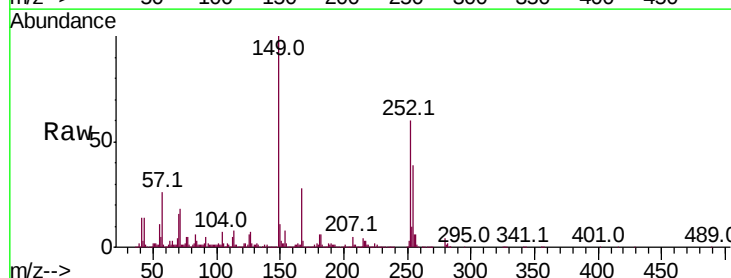
Tgt Ion:252 Resp: 1327314

Ion Ratio Lower Upper

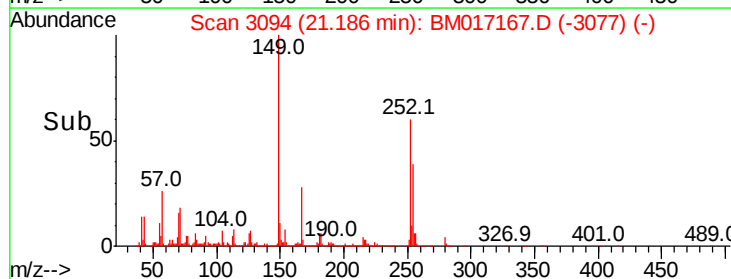
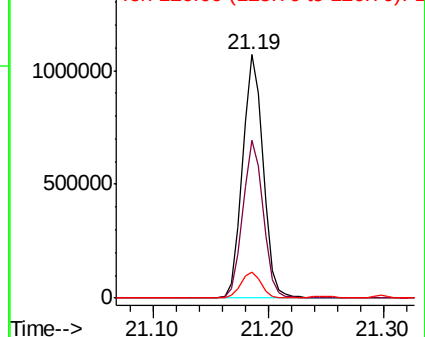
252 100

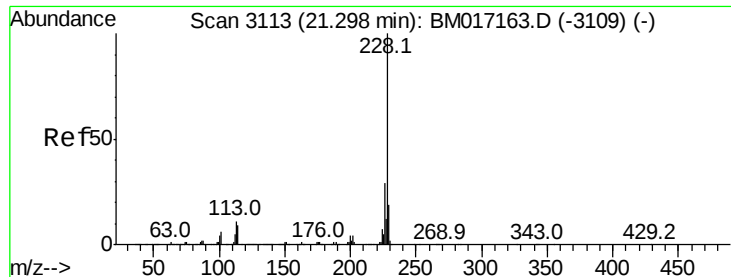
254 64.9 52.1 78.1

126 10.8 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: 40.003 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

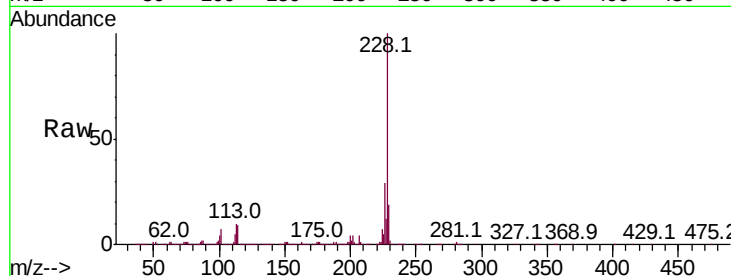
Tot Ion:228 Resp: 3310192

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.3	34.9
229	19.4	15.6	23.4

228 100

226 29.3 23.3 34.9

229 19.4 15.6 23.4

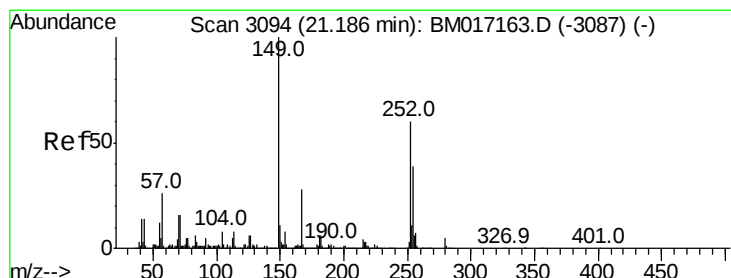
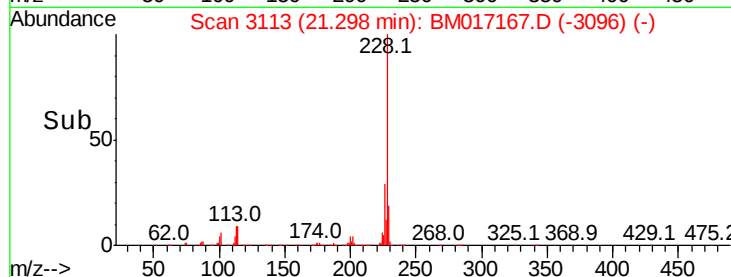
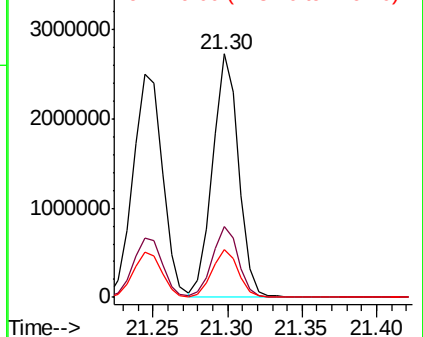


Abundance

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: 41.717 ng

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

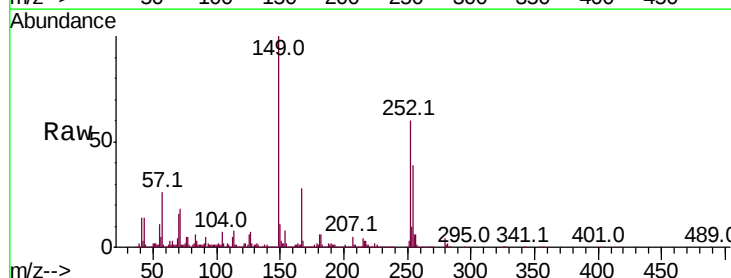
Tgt Ion:149 Resp: 1978951

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.2	33.4
279	4.3	3.6	5.4

149 100

167 27.5 22.2 33.4

279 4.3 3.6 5.4

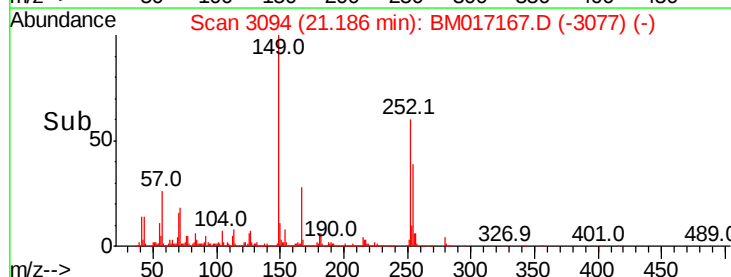
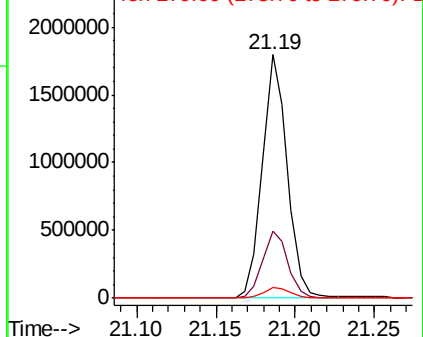


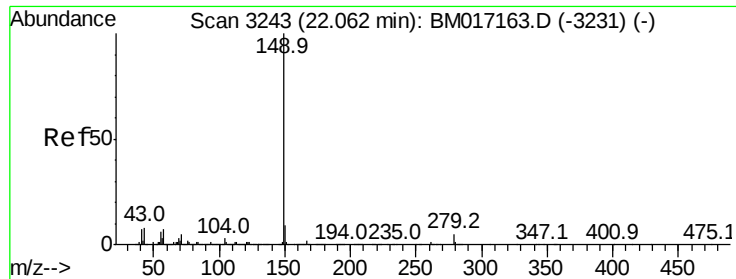
Abundance

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: 41.018 ng

RT: 22.06 min Scan# 3243

Delta R.T. 0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampleId :

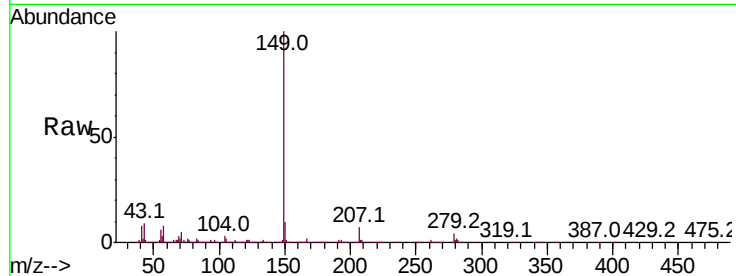
Tot Ion:149 Resp: 3284242

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

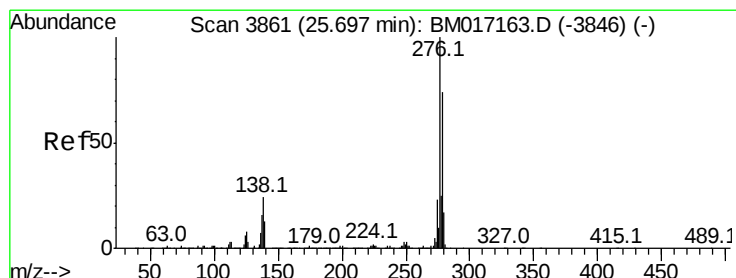
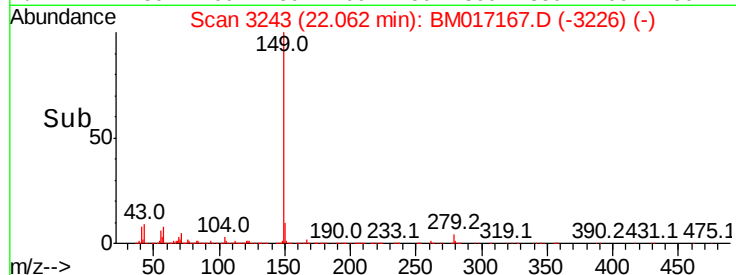
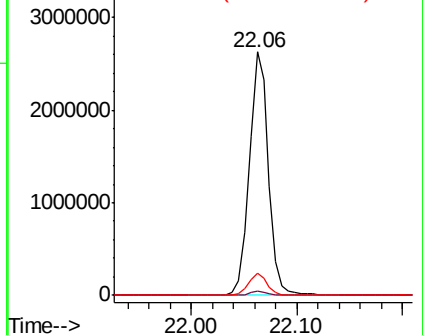
43 8.9 7.2 10.8



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: 40.496 ng

RT: 25.70 min Scan# 3862

Delta R.T. 0.01 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

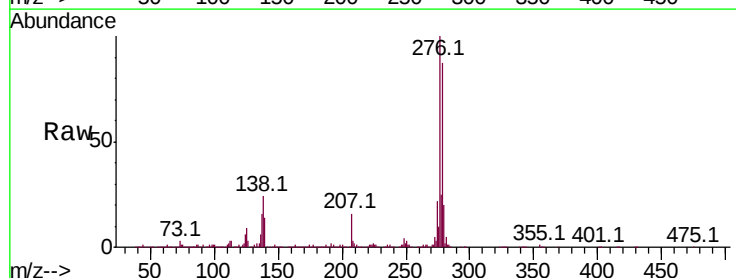
Tgt Ion:276 Resp: 3748062

Ion Ratio Lower Upper

276 100

138 23.7 19.5 29.3

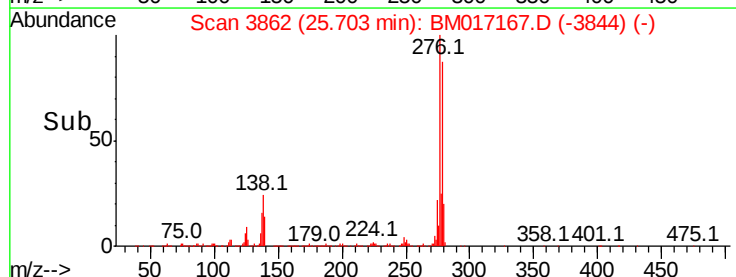
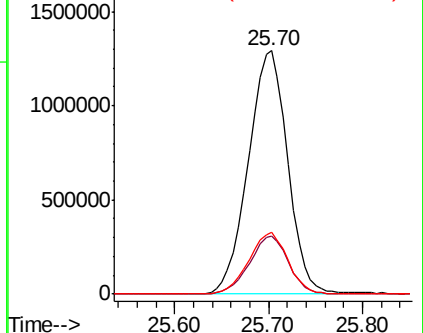
277 25.2 20.1 30.1

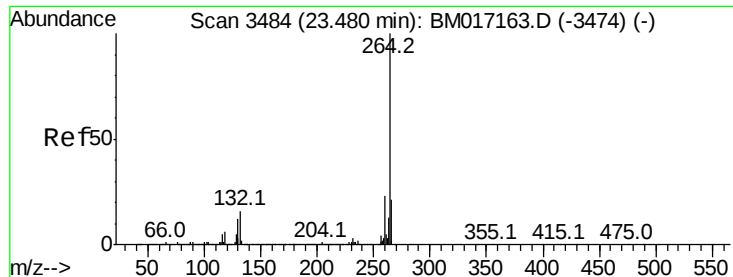


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.48 min Scan# 3484

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Instrument :

BNA_M

ClientSampled :

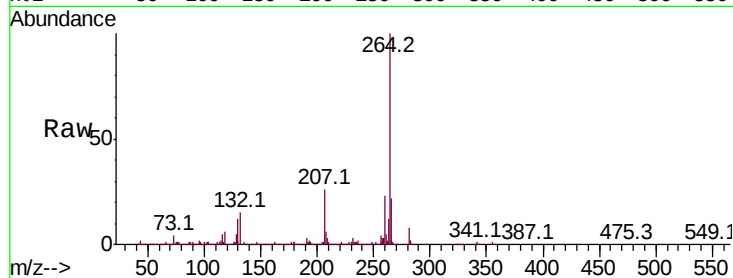
Tot Ion:264 Resp: 1513938

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

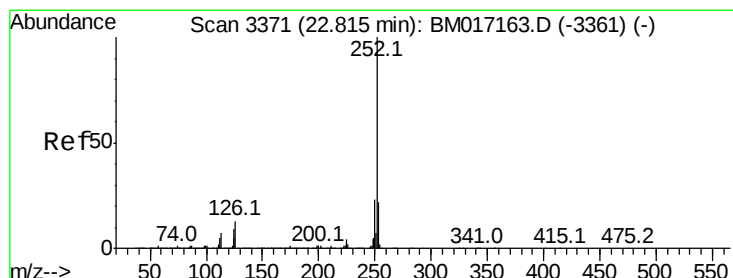
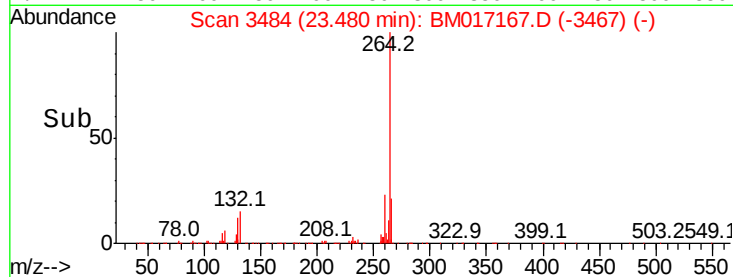
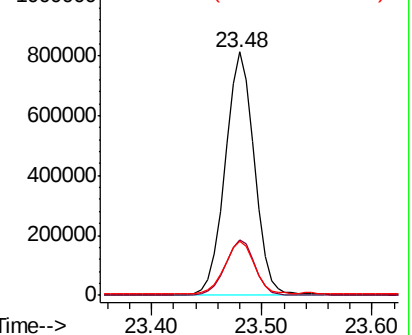
265 22.1 17.8 26.8



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: 40.687 ng

RT: 22.82 min Scan# 3371

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

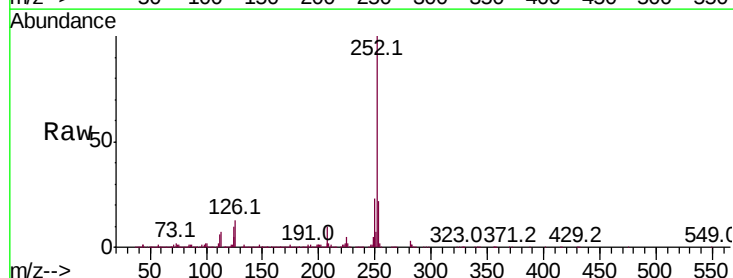
Tgt Ion:252 Resp: 3367750

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

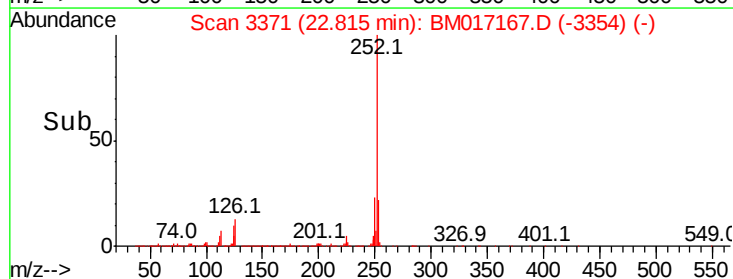
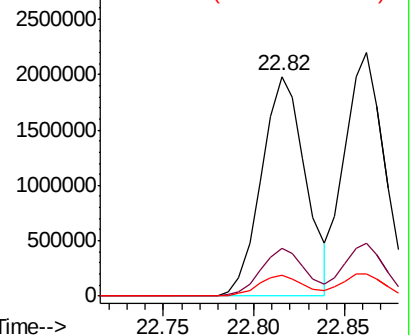
125 9.7 7.5 11.3

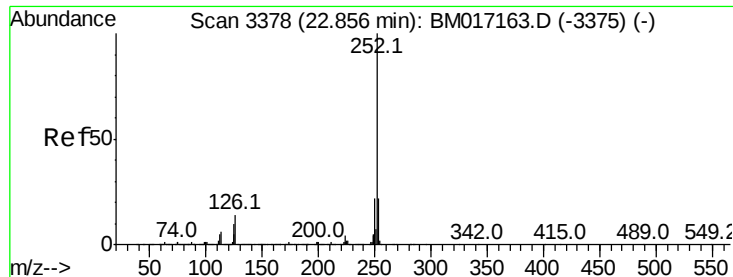


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

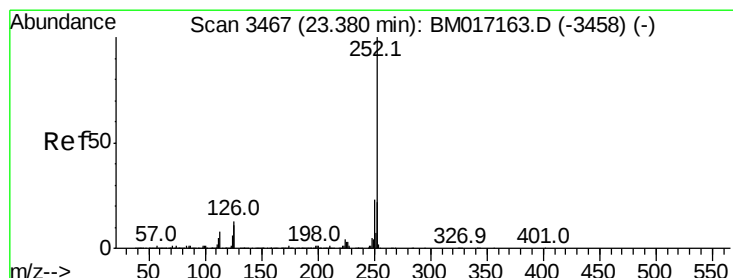
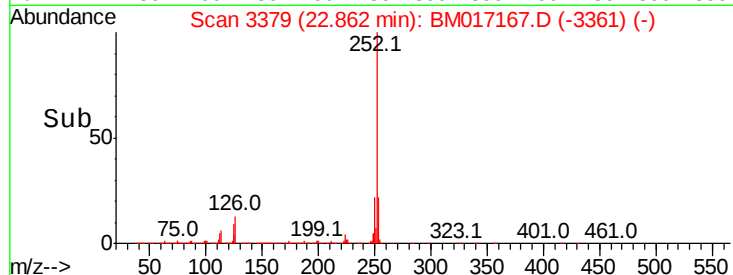
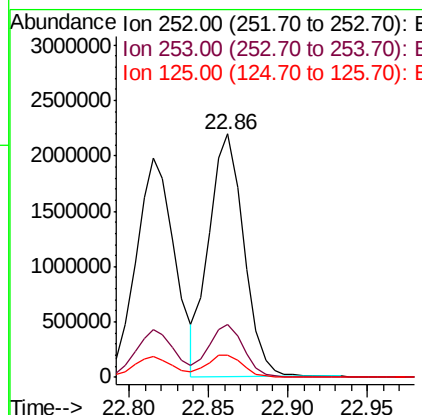
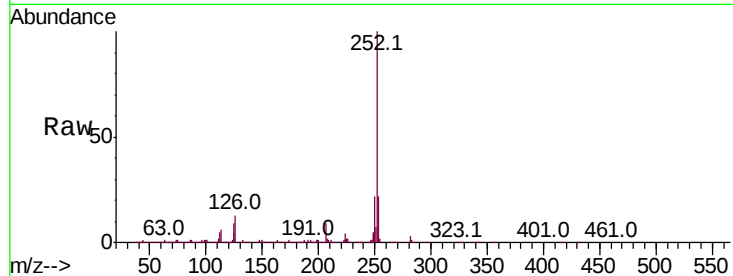




#89
Benzo(k)fluoranthene
Concen: 40.544 ng
RT: 22.86 min Scan# 3379
Delta R.T. 0.01 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

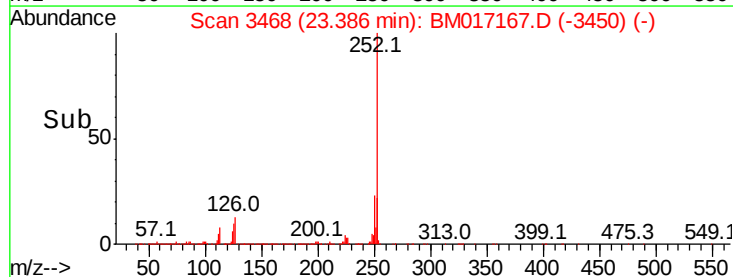
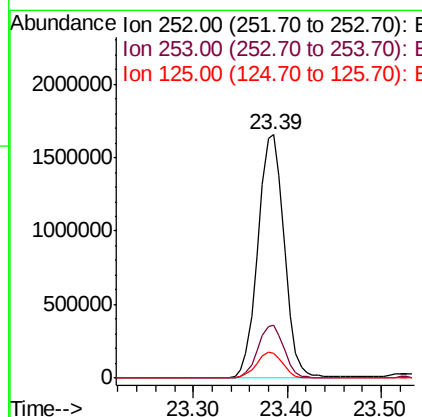
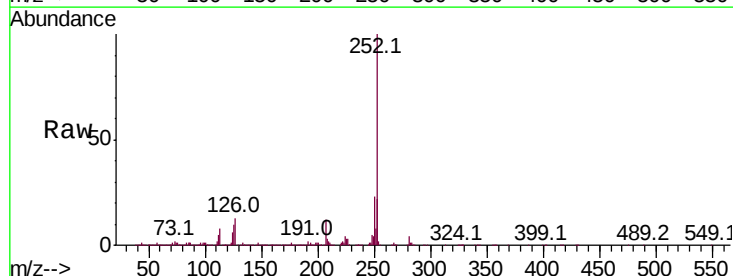
Instrument :
BNA_M
ClientSampleId :

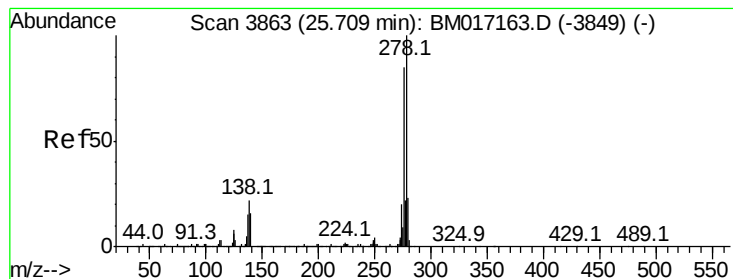
Tot Ion:252 Resp: 3367420
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.3 8.2 12.2



#90
Benzo(a)pyrene
Concen: 40.844 ng
RT: 23.39 min Scan# 3468
Delta R.T. 0.01 min
Lab File: BM017167.D
Acq: 17 Oct 2018 14:25

Tgt Ion:252 Resp: 3209905
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.0 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 40.623 ng

RT: 25.71 min Scan# 3863

Delta R.T. -0.00 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

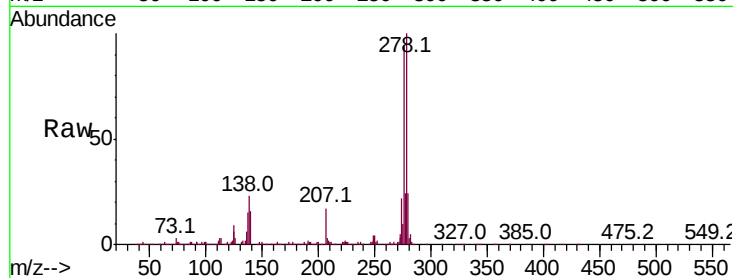
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 3170096

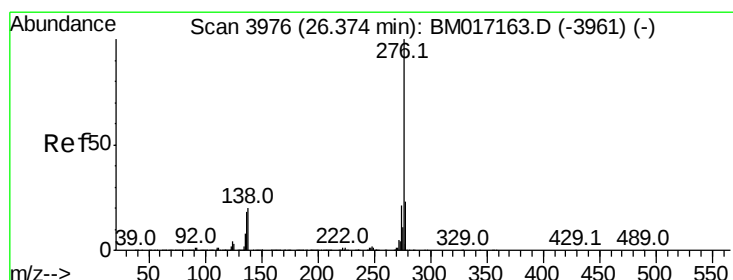
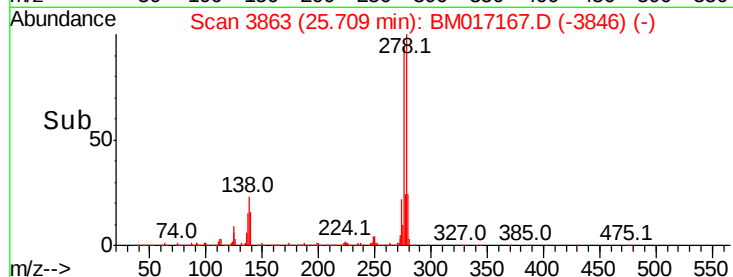
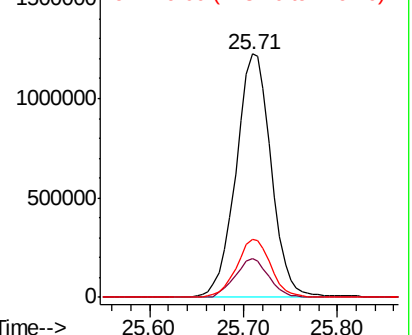
Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	23.7	18.7	28.1



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: 40.219 ng

RT: 26.38 min Scan# 3977

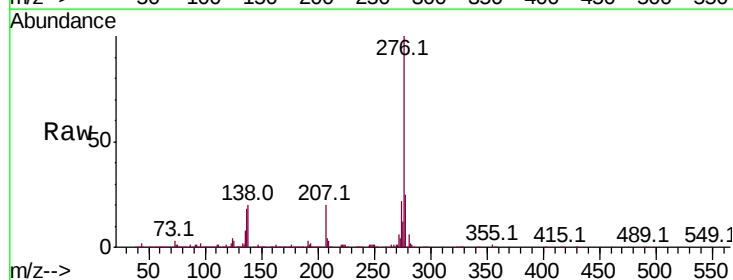
Delta R.T. 0.01 min

Lab File: BM017167.D

Acq: 17 Oct 2018 14:25

Tgt Ion:276 Resp: 3110713

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	20.2	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

