

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112018\
 Data File : BM017700.D
 Acq On : 20 Nov 2018 10:26
 Operator : MJ/SJ
 Sample : J6002-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2E77

Quant Time: Nov 20 11:20:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 20 01:04:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	188458	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	855685	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	544218	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1274669	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1445996	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	1440797	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	27516	6.68	ng/uL	0.00
5) Phenol-d5	6.78	99	629263	36.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	381158	36.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	506748	37.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	527958	37.54	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	254422	38.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	294251	39.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	548167	38.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	296186	24.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	1812102	38.37	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	2148123	37.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	332608	38.74	ng/ul	0.00
57) Fluorene-d10	15.25	176	1537885	37.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	366075	40.17	ng/ul	0.00
70) Anthracene-d10	17.10	188	2448251	38.58	ng/ul	0.00
78) Pyrene-d10	19.40	212	2792843	39.92	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	3101965	39.70	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.81	94	325320	18.936	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.04	93	744351	56.711	ng/ul 97
11) 2-Methylphenol	8.05	108	754384	57.552	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.41	70	696146	60.890	ng/ul 99
16) 4-Methylphenol	8.37	108	830569	58.637	ng/ul 90
17) Hexachloroethane	8.66	117	210540	38.593	ng/ul 94
21) Isophorone	9.32	82	1195166	38.945	ng/ul 99
24) 2,4-Dimethylphenol	9.56	107	737995	45.077	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.80	93	886391	47.200	ng/ul 100
27) 2,4-Dichlorophenol	10.02	162	217891	16.096	ng/ul 97
28) Naphthalene	10.42	128	1037899	23.280	ng/ul 98
31) Hexachlorobutadiene	10.69	225	533618	59.356	ng/ul 96
32) Caprolactam	11.32	113	180944	40.403	ng/ul 93
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	679536	37.421	ng/ul 98
37) Hexachlorocyclopentadiene	12.39	237	396934	33.896	ng/ul 98
39) 2,4,5-Trichlorophenol	12.74	196	496413	39.330	ng/ul 99
41) 2-Chloronaphthalene	13.11	162	653986	18.662	ng/ul 99
44) Dimethylphthalate	13.71	163	897506	19.618	ng/ul 99
47) Acenaphthylene	13.96	152	1236645	23.170	ng/ul 100
48) 3-Nitroaniline	14.17	138	377663	44.038	ng/ul 98
49) Acenaphthene	14.31	153	1261227	32.789	ng/ul 99
50) 2,4-Dinitrophenol	14.38	184	306495	50.287	ng/ul 100
53) Dibenzofuran	14.65	168	1037311	19.057	ng/ul 99

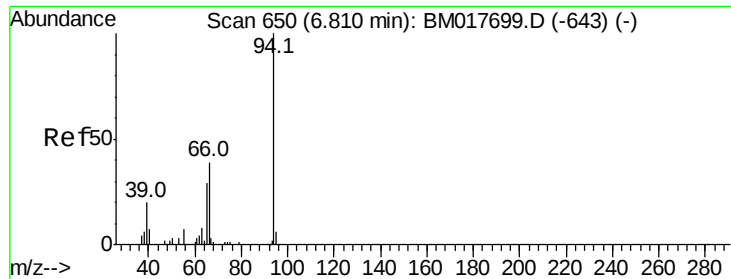
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	15.30	166	354705	7.814	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.30	204	709167	30.416	ng/ul	99
60) 4-Nitroaniline	15.35	138	613597	64.360	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.40	198	685728	73.020	ng/ul#	91
68) Pentachlorophenol	16.65	266	874125	86.784	ng/ul	98
71) Anthracene	17.13	178	2396812	32.152	ng/ul	100
74) Carbazole	17.41	167	2529411	38.507	ng/ul	99
76) Fluoranthene	19.07	202	1642642	19.159	ng/ul	99
80) Butylbenzylphthalate	20.34	149	892827	23.787	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	1274969	22.939	ng/ul	100
84) Chrysene	21.24	228	2767432	32.993	ng/ul	100
88) Benzo(k)fluoranthene	22.78	252	3453849	39.681	ng/ul	99
90) Benzo(a)pyrene	23.30	252	3305450	38.920	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.56	276	1354991	15.057	ng/ul#	93

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



#6

Phenol

Concen: 18.936 ng/ul

RT: 6.81 min Scan# 650

Delta R.T. 0.00 min

Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

Instrument :

BNA_M

ClientSampleId :

X2E77

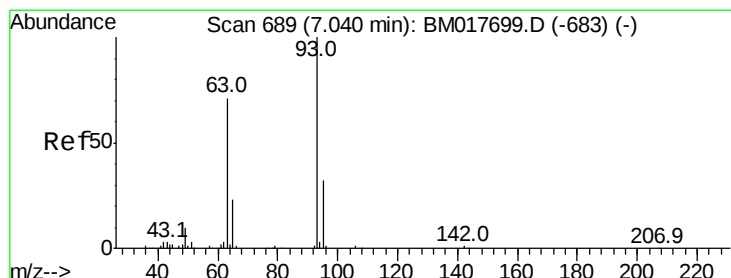
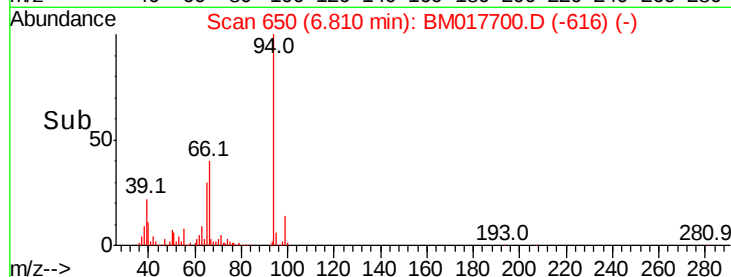
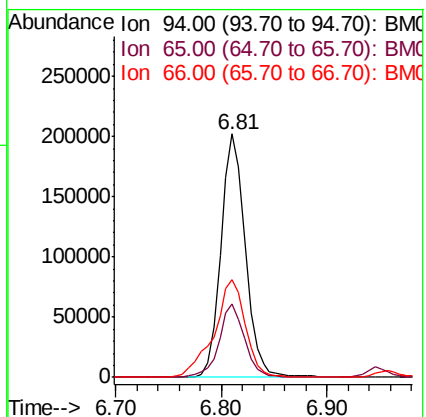
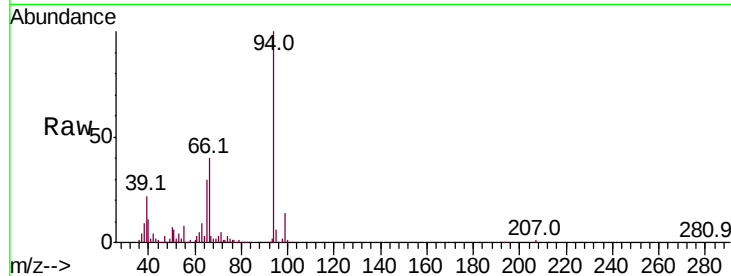
Tot Ion: 94 Resp: 325320

Ion Ratio Lower Upper

94 100

65 30.2 24.7 37.1

66 40.0 34.6 51.8



#8

Bis(2-Chloroethyl)ether

Concen: 56.711 ng/ul

RT: 7.04 min Scan# 689

Delta R.T. 0.00 min

Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

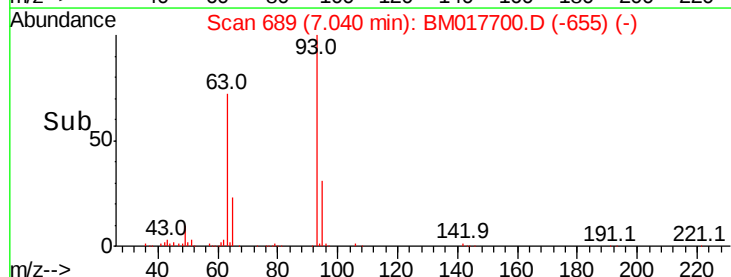
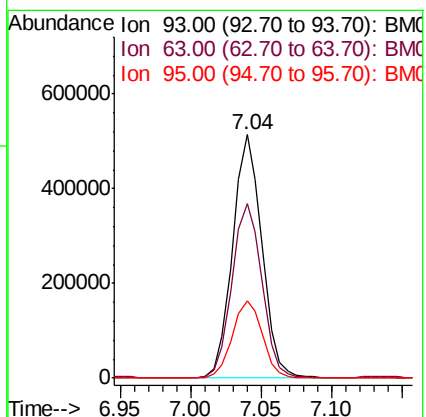
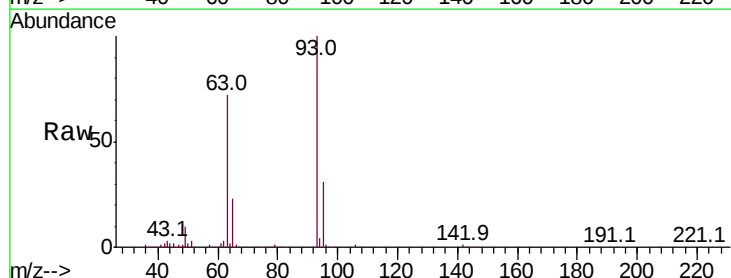
Tgt Ion: 93 Resp: 744351

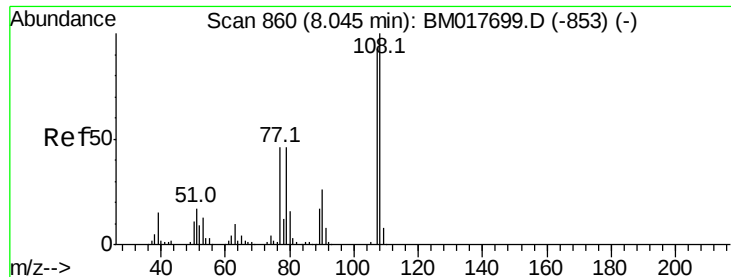
Ion Ratio Lower Upper

93 100

63 71.7 60.6 90.8

95 31.5 25.4 38.2

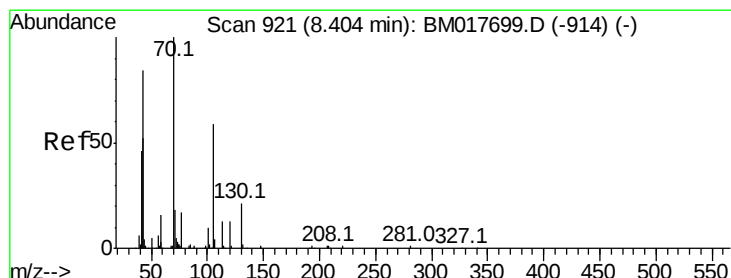
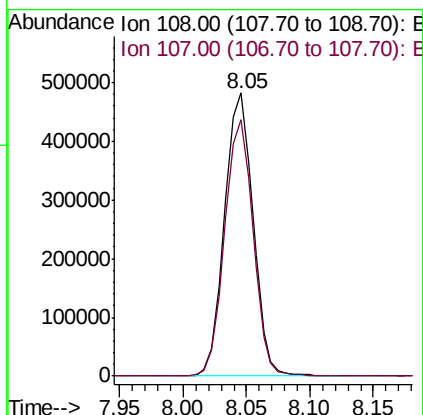
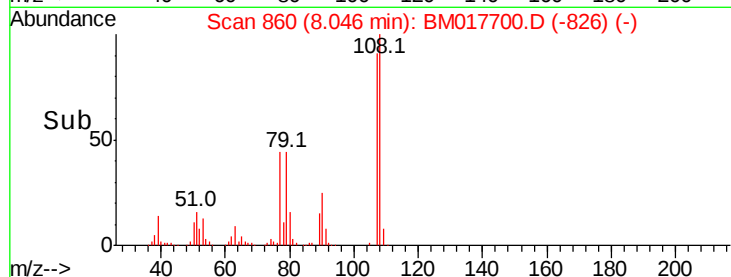
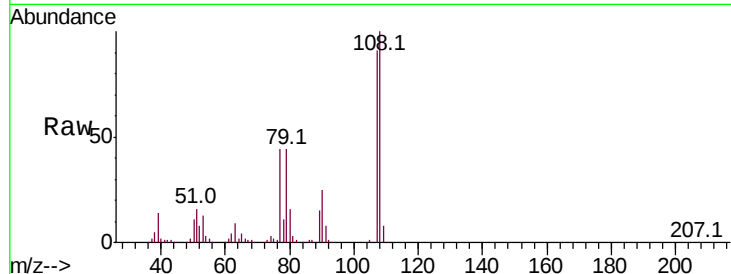




#11
2-Methylphenol
Concen: 57.552 ng/ul
RT: 8.05 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM017700.D
Acq: 20 Nov 2018 10:26

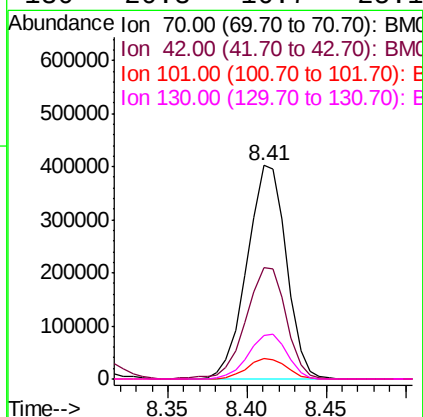
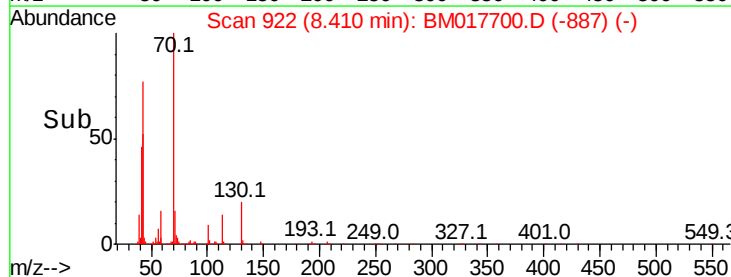
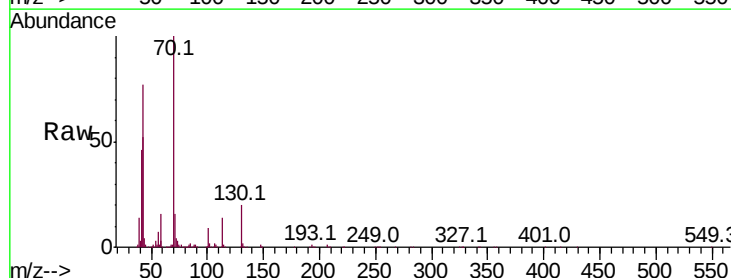
Instrument :
BNA_M
ClientSampleId :
X2E77

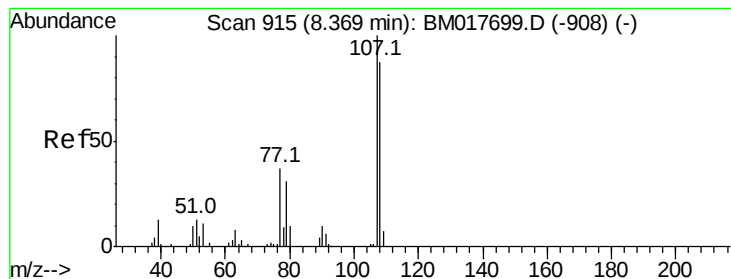
Tot Ion:108 Resp: 754384
Ion Ratio Lower Upper
108 100
107 90.6 70.8 106.2



#15
N-Nitroso-di-n-propylamine
Concen: 60.890 ng/ul
RT: 8.41 min Scan# 922
Delta R.T. 0.01 min
Lab File: BM017700.D
Acq: 20 Nov 2018 10:26

Tgt Ion: 70 Resp: 696146
Ion Ratio Lower Upper
70 100
42 52.3 42.7 64.1
101 9.3 7.6 11.4
130 20.3 16.7 25.1





#16

4-Methylphenol

Concen: 58.637 ng/ul

RT: 8.37 min Scan# 915

Delta R.T. 0.00 min

Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

Instrument :

BNA_M

ClientSampleId :

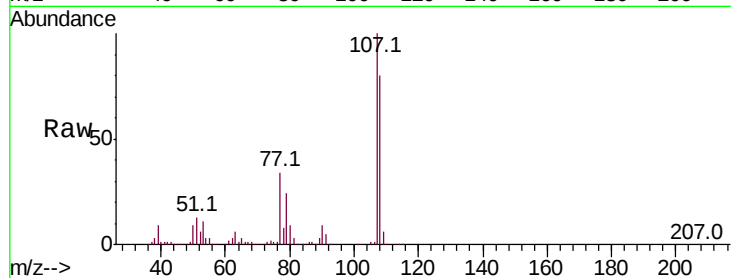
X2E77

Tot Ion:108 Resp: 830569

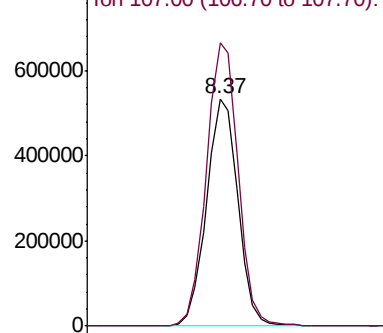
Ion Ratio Lower Upper

108 100

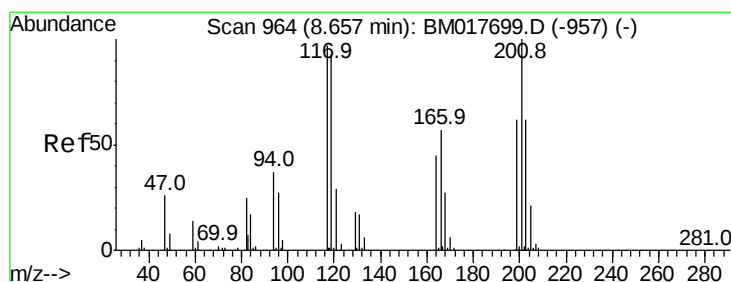
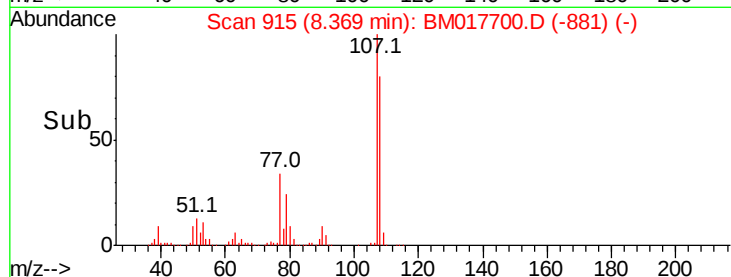
107 124.6 91.3 136.9



Abundance Ion 108.00 (107.70 to 108.70): E



Time-->



#17

Hexachloroethane

Concen: 38.593 ng/ul

RT: 8.66 min Scan# 964

Delta R.T. 0.00 min

Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

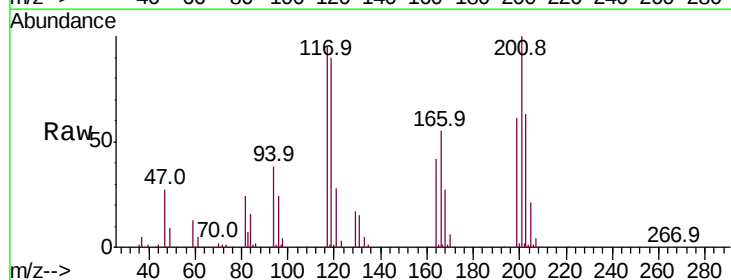
Tgt Ion:117 Resp: 210540

Ion Ratio Lower Upper

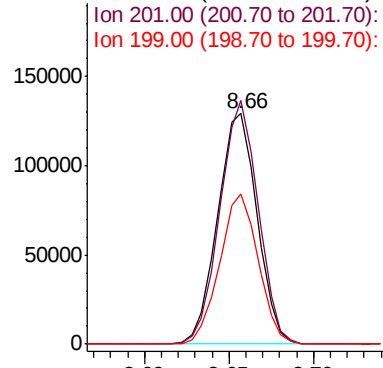
117 100

201 105.6 78.2 117.2

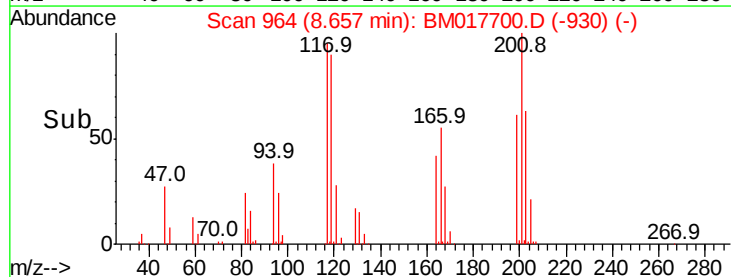
199 64.9 49.5 74.3

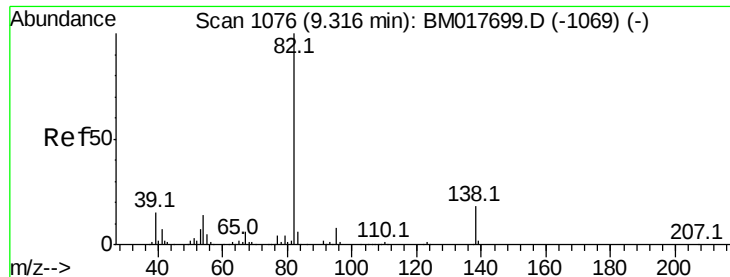


Abundance Ion 117.00 (116.70 to 117.70): E



Time-->





#21

Isophorone

Concen: 38.945 ng/ul

RT: 9.32 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

Instrument :

BNA_M

ClientSampleId :

X2E77

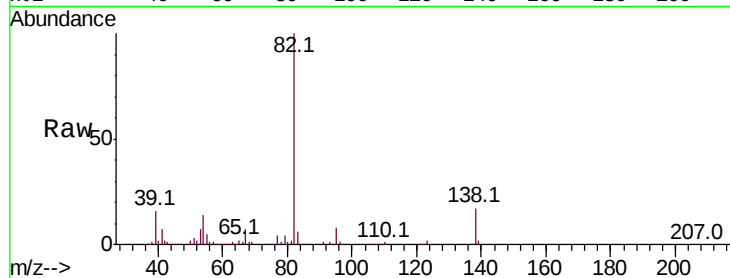
Tot Ion: 82 Resp: 1195166

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

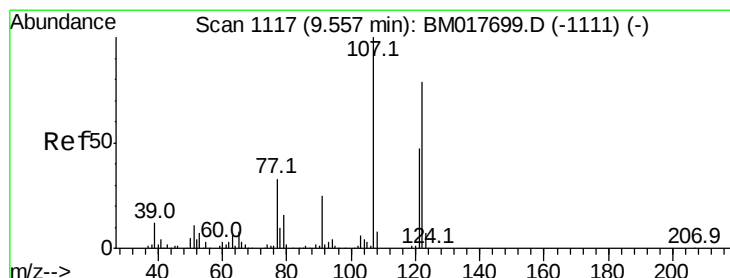
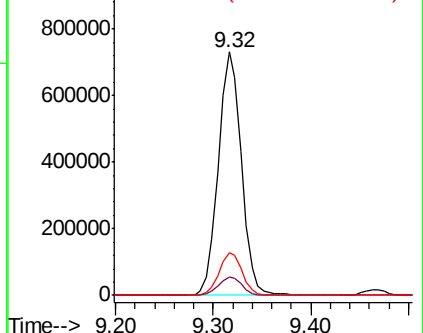
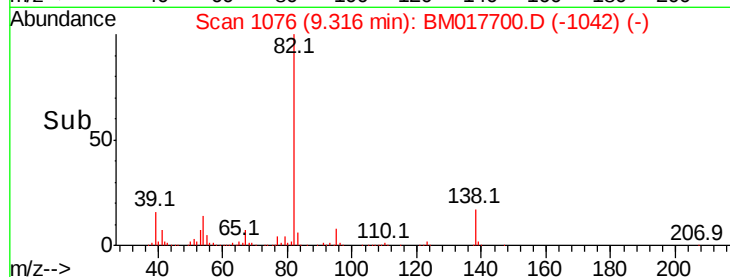
138 17.3 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BM017700.D (-1042) (-)

Ion 95.00 (94.70 to 95.70): BM017700.D (-1042) (-)

Ion 138.00 (137.70 to 138.70): BM017700.D (-1042) (-)



#24

2,4-Dimethylphenol

Concen: 45.077 ng/ul

RT: 9.56 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

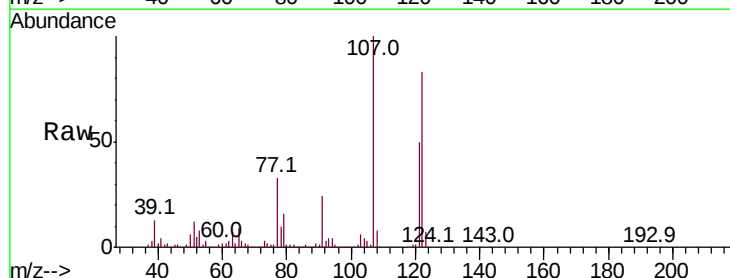
Tgt Ion: 107 Resp: 737995

Ion Ratio Lower Upper

107 100

121 49.9 39.6 59.4

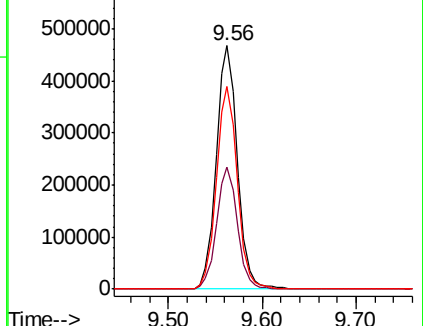
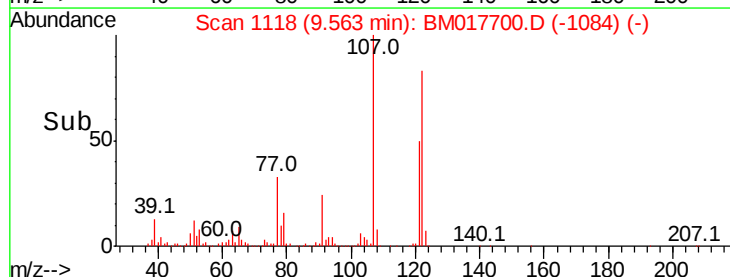
122 83.2 68.1 102.1

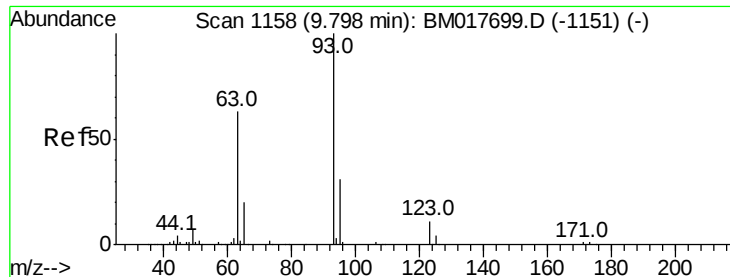


Abundance Ion 107.00 (106.70 to 107.70): BM017700.D (-1084) (-)

Ion 121.00 (120.70 to 121.70): BM017700.D (-1084) (-)

Ion 122.00 (121.70 to 122.70): BM017700.D (-1084) (-)

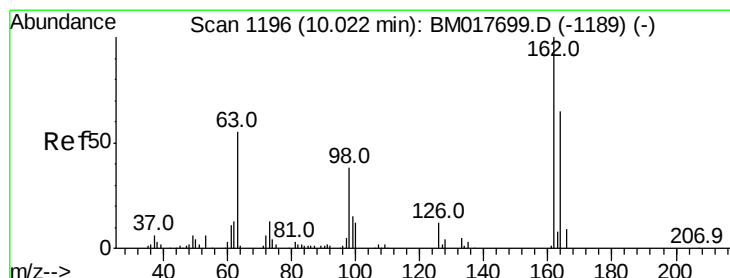
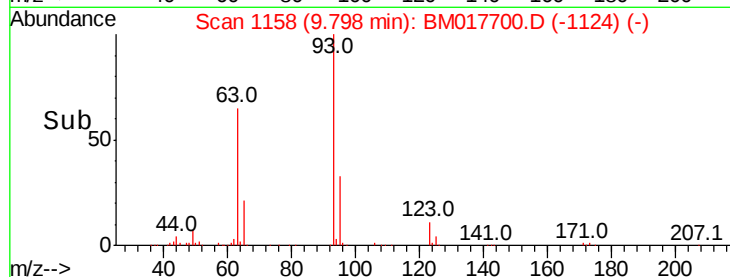
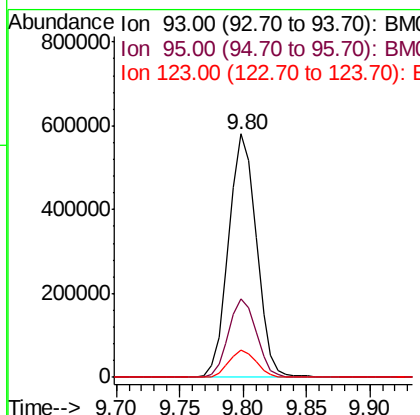
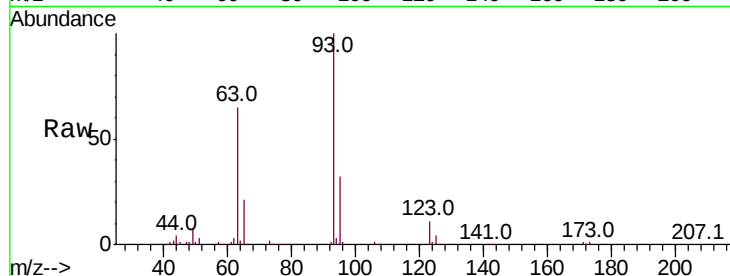




#25
 Bis(2-Chloroethoxy)methane
 Concen: 47.200 ng/ul
 RT: 9.80 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BM017700.D
 Acq: 20 Nov 2018 10:26

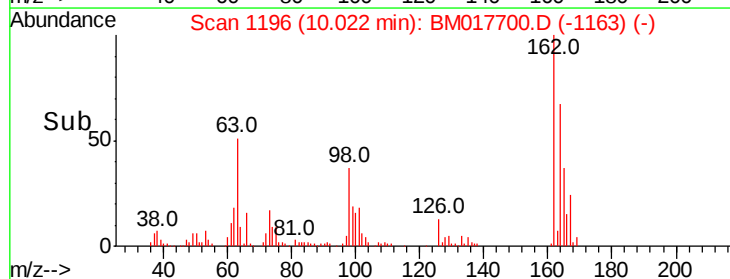
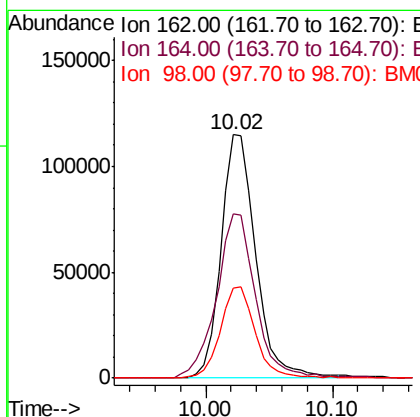
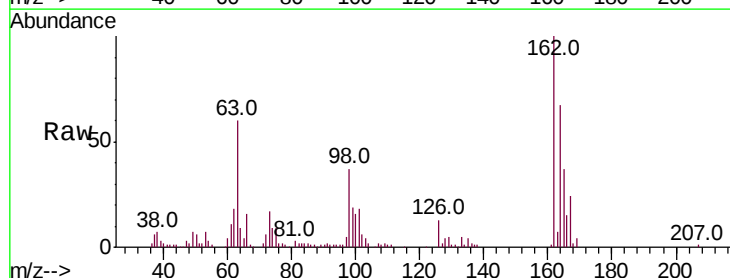
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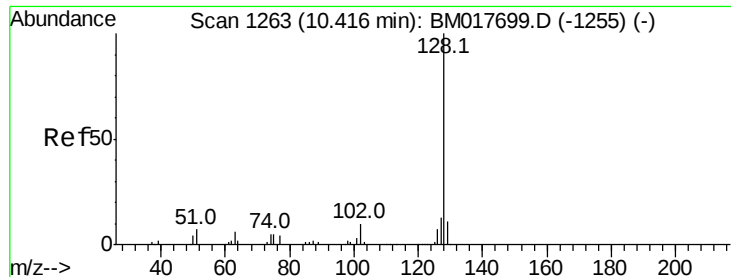
Tot Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	11.1	9.0	13.4



#27
 2,4-Dichlorophenol
 Concen: 16.096 ng/ul
 RT: 10.02 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BM017700.D
 Acq: 20 Nov 2018 10:26

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.4	51.8	77.8
98	37.2	29.0	43.6

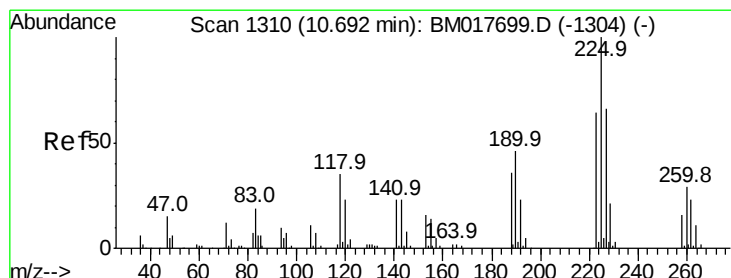
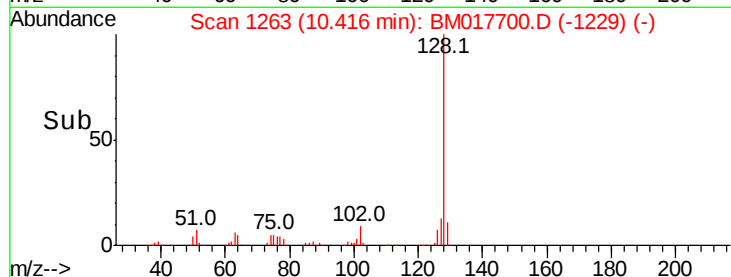
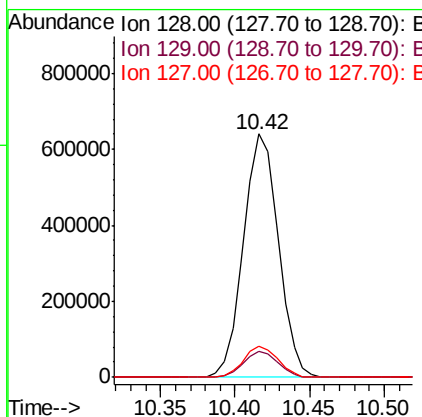
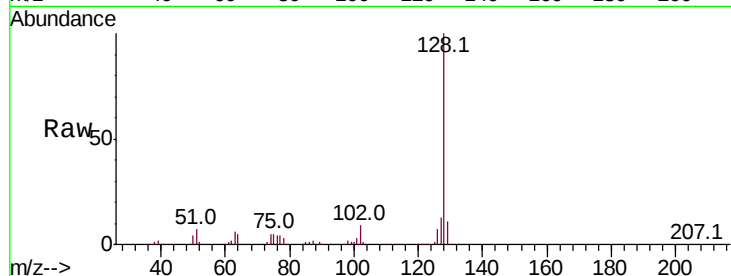




#28
Naphthalene
Concen: 23.280 ng/ul
RT: 10.42 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BM017700.D
Acq: 20 Nov 2018 10:26

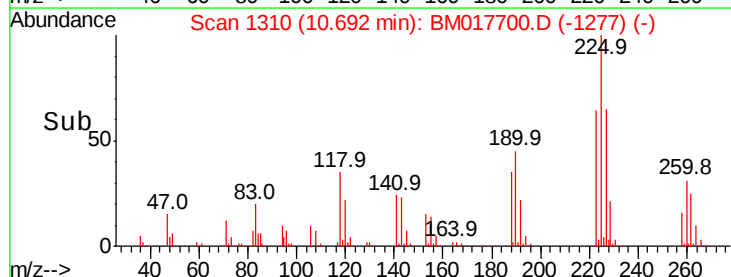
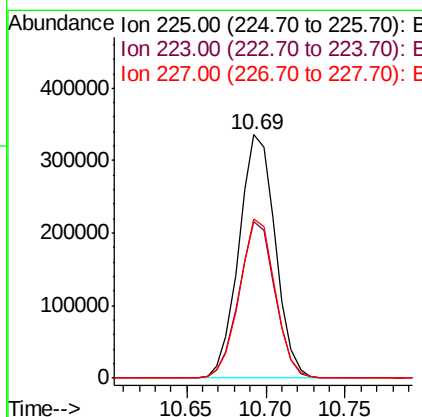
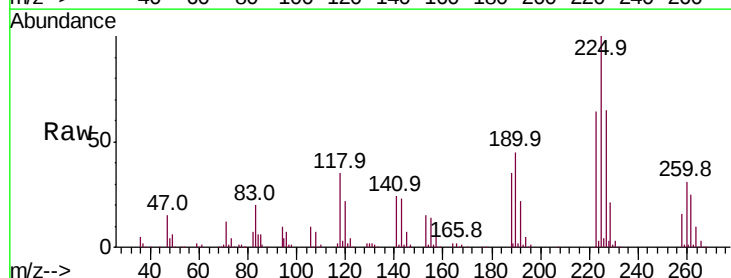
Instrument :
BNA_M
ClientSampleId :
X2E77

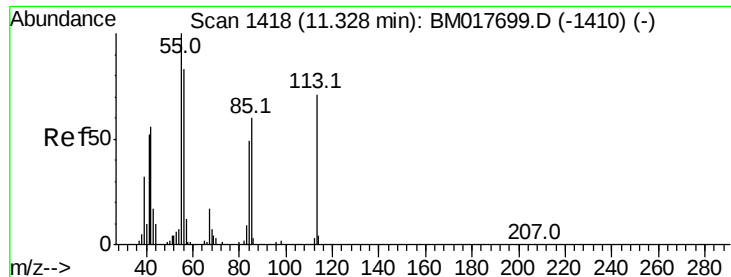
Tot Ion:128 Resp: 1037899
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.6 10.8 16.2



#31
Hexachlorobutadiene
Concen: 59.356 ng/ul
RT: 10.69 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BM017700.D
Acq: 20 Nov 2018 10:26

Tgt Ion:225 Resp: 533618
Ion Ratio Lower Upper
225 100
223 64.3 48.8 73.2
227 65.1 50.3 75.5





#32

Caprolactam

Concen: 40.403 ng/ul

RT: 11.32 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

Instrument :

BNA_M

ClientSampled :

X2E77

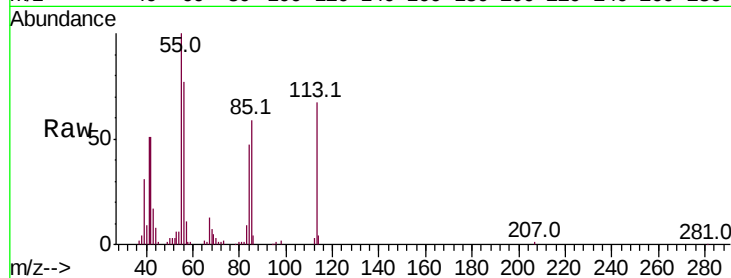
Tot Ion:113 Resp: 180944

Ion Ratio Lower Upper

113 100

55 148.9 110.6 166.0

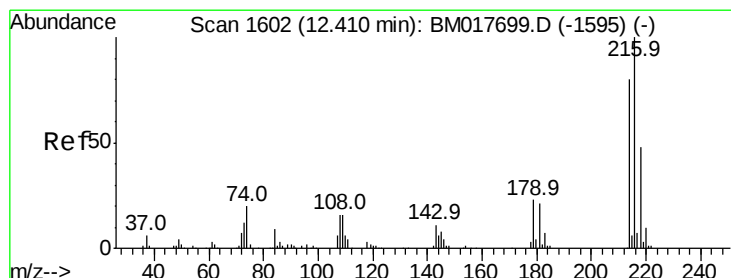
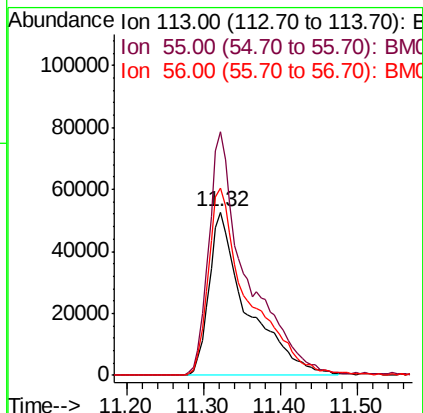
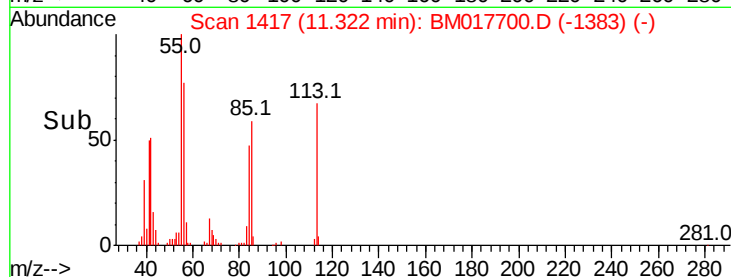
56 114.9 88.2 132.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

1,2,4,5-Tetrachlorobenzene

Concen: 37.421 ng/ul

RT: 12.42 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

Tgt Ion:216 Resp: 679536

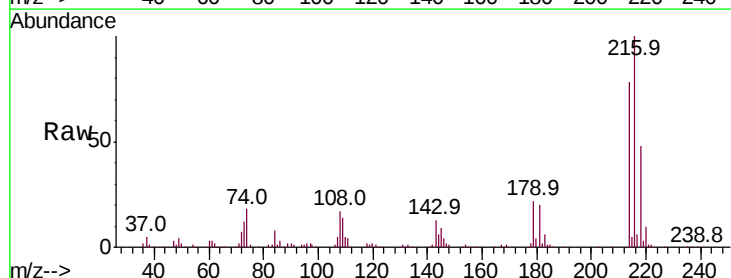
Ion Ratio Lower Upper

216 100

214 78.5 61.3 91.9

179 21.6 17.0 25.4

108 17.0 12.8 19.2

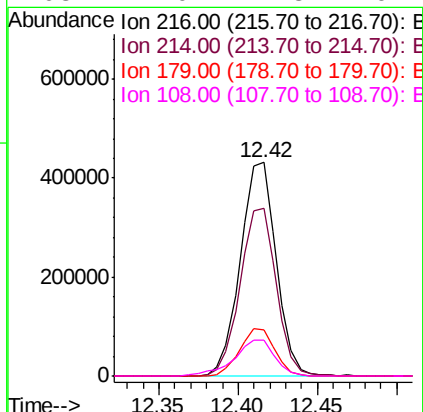
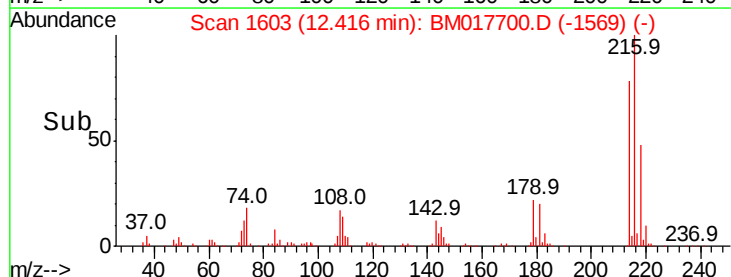


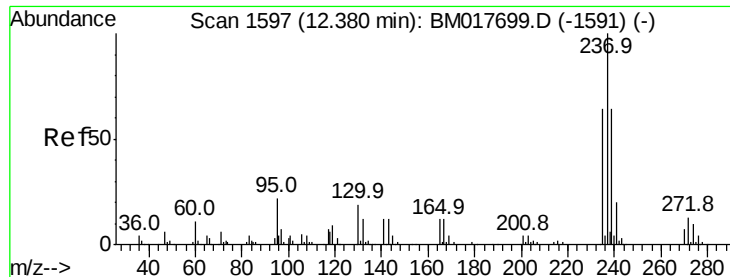
Abundance Ion 216.00 (215.70 to 216.70): E

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

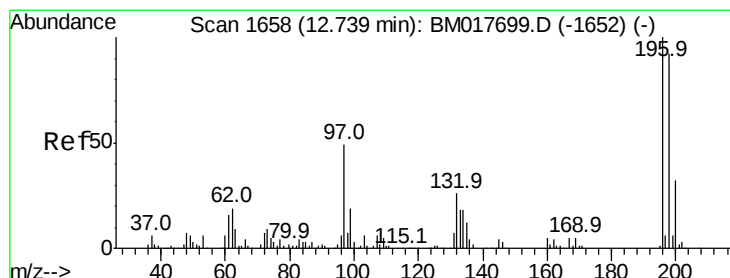
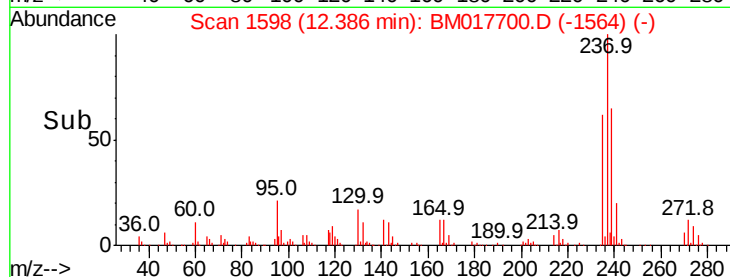
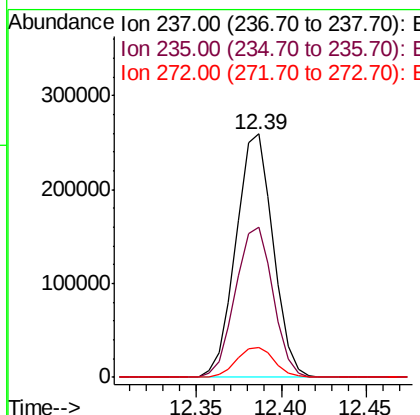
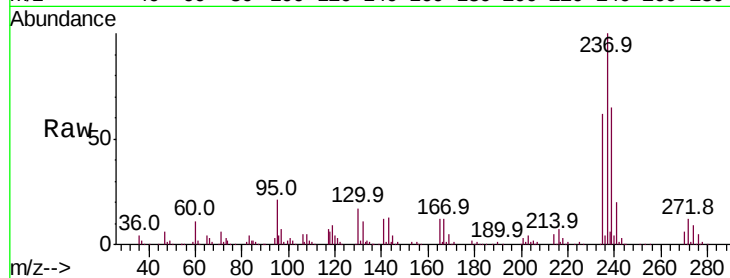




#37
Hexachlorocyclopentadiene
Concen: 33.896 ng/ul
RT: 12.39 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BM017700.D
Acq: 20 Nov 2018 10:26

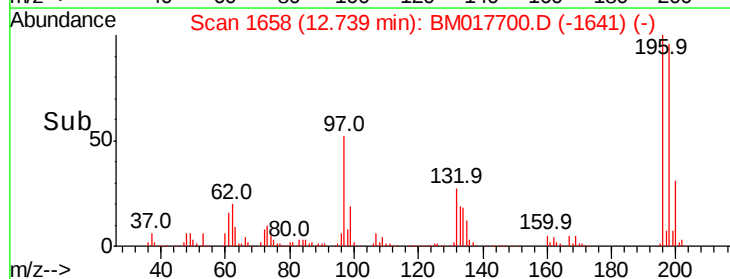
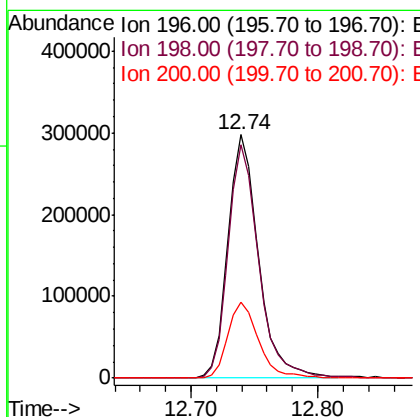
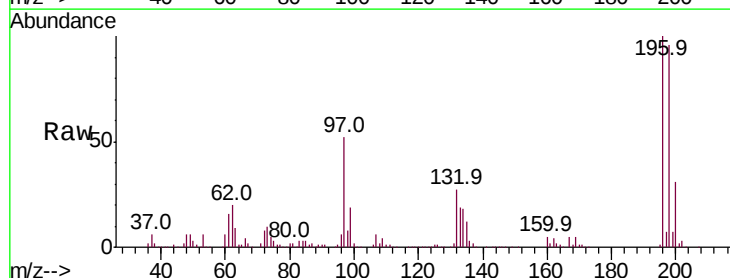
Instrument :
BNA_M
ClientSampleId :
X2E77

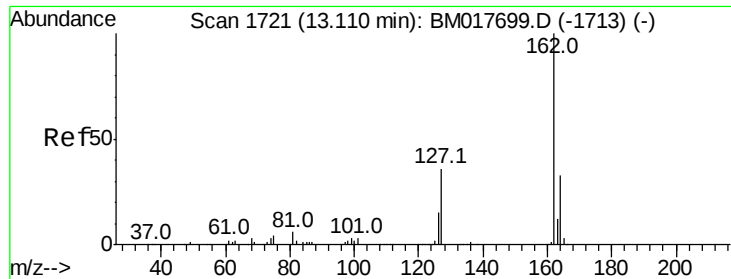
Tot Ion	Ratio	Lower	Upper
237	100		
235	61.9	48.6	73.0
272	13.0	9.4	14.0



#39
2,4,5-Trichlorophenol
Concen: 39.330 ng/ul
RT: 12.74 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BM017700.D
Acq: 20 Nov 2018 10:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	77.2	115.8
200	30.9	25.8	38.8

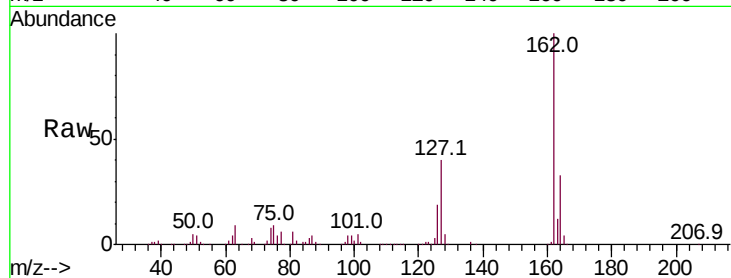




#41
 2-Chloronaphthalene
 Concen: 18.662 ng/ul
 RT: 13.11 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BM017700.D
 Acq: 20 Nov 2018 10:26

Instrument :
 BNA_M
 ClientSampleId :
 X2E77

Tot Ion	Ratio	Lower	Upper
162	100		
164	33.3	26.1	39.1
127	40.5	31.8	47.8

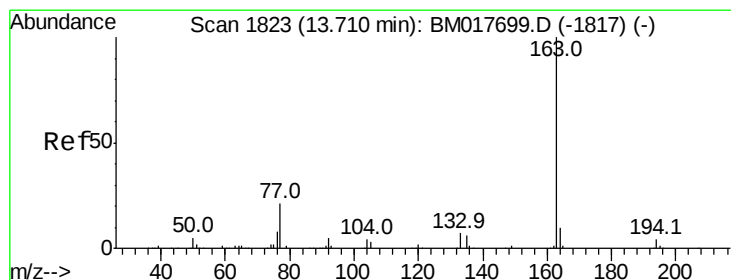
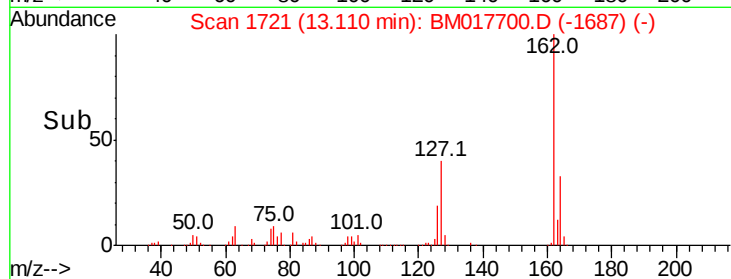
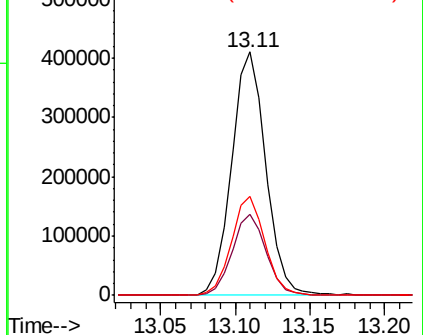


Abundance

Ion 162.00 (161.70 to 162.70): E

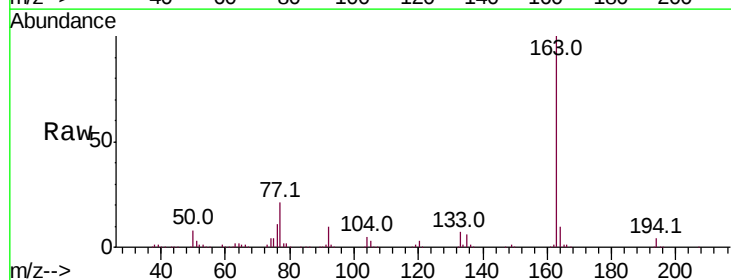
Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#44
 Dimethylphthalate
 Concen: 19.618 ng/ul
 RT: 13.71 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BM017700.D
 Acq: 20 Nov 2018 10:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.7	8.1	12.1

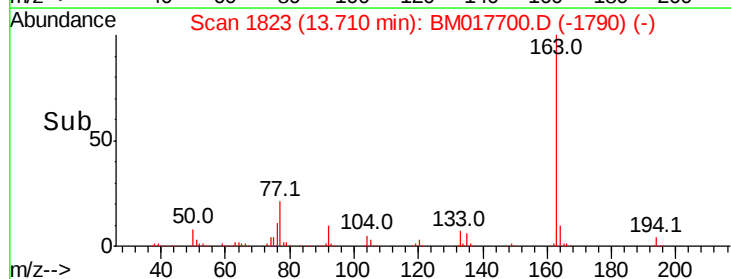
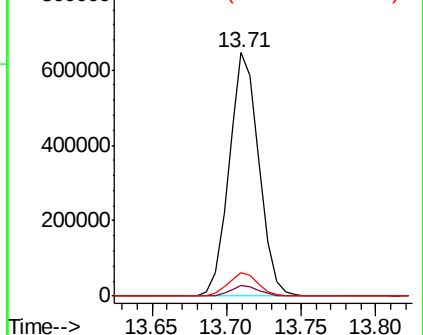


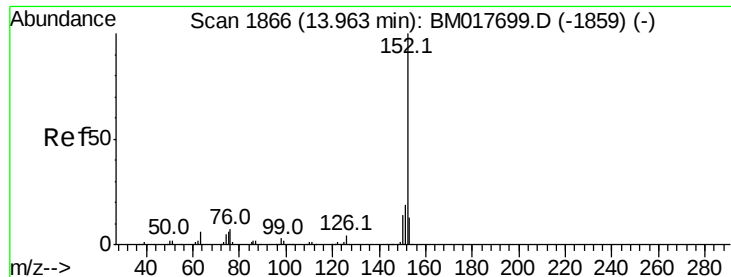
Abundance

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





#47

Acenaphthylene

Concen: 23.170 ng/ul

RT: 13.96 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

Instrument :

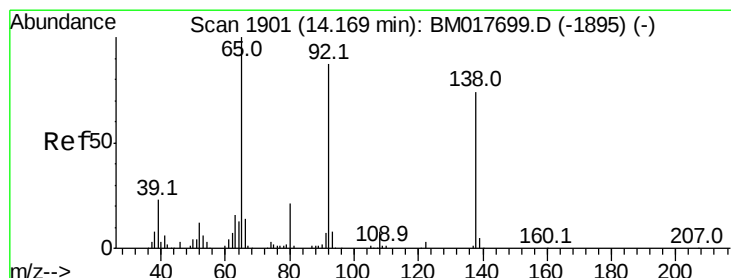
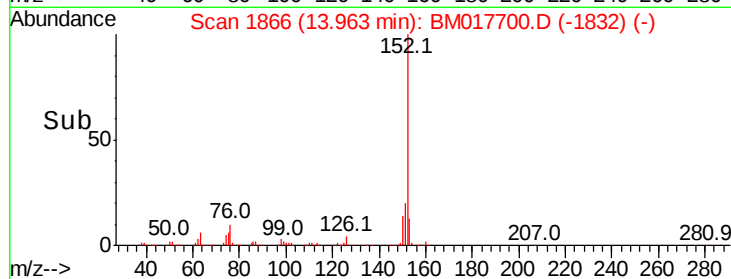
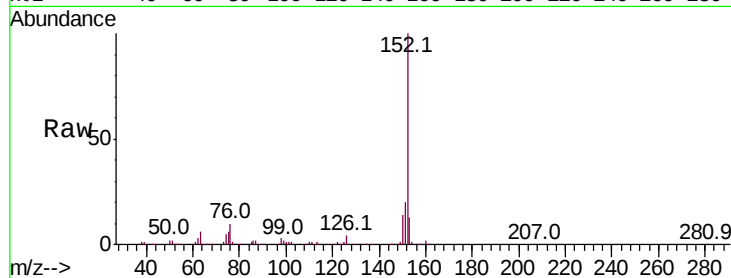
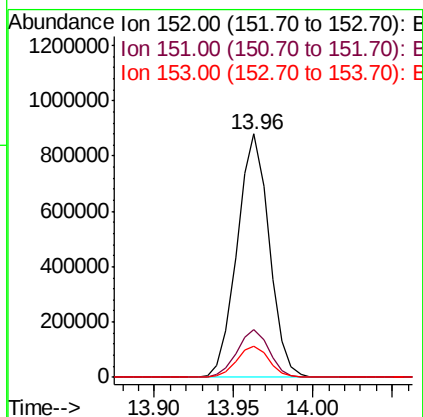
BNA_M

ClientSampleId :

X2E77

Tot Ion:152 Resp: 1236645

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.0	10.4	15.6



#48

3-Nitroaniline

Concen: 44.038 ng/ul

RT: 14.17 min Scan# 1901

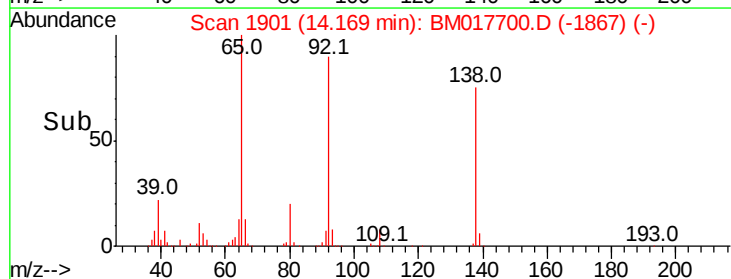
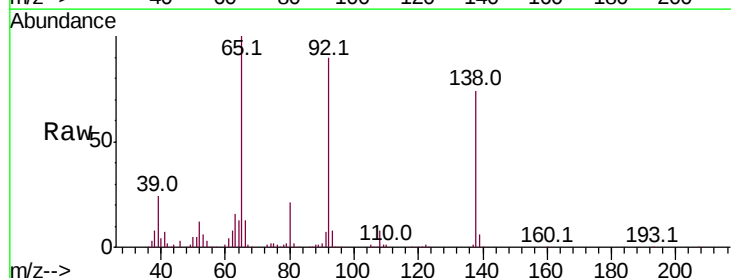
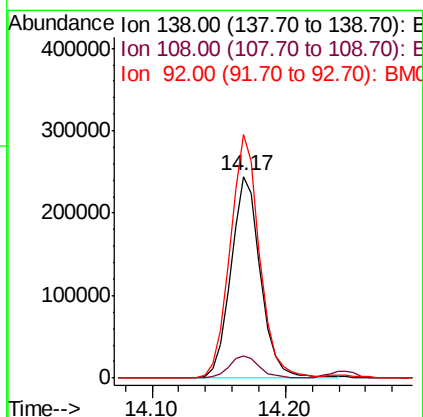
Delta R.T. 0.00 min

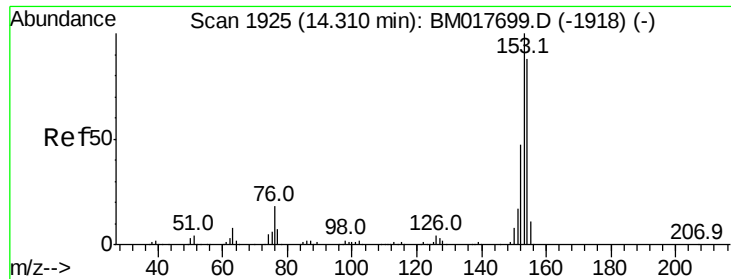
Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

Tgt Ion:138 Resp: 377663

Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.0	13.4
92	120.5	98.8	148.2





#49

Acenaphthene

Concen: 32.789 ng/ul

RT: 14.31 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

Instrument :

BNA_M

ClientSampleId :

X2E77

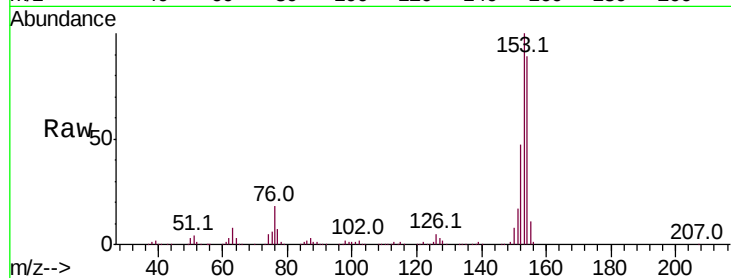
Tot Ion:153 Resp: 1261227

Ion Ratio Lower Upper

153 100

152 46.8 37.0 55.6

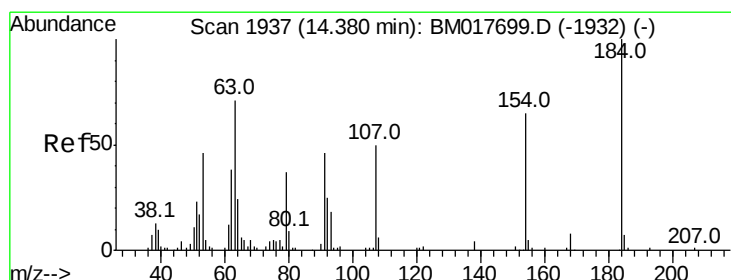
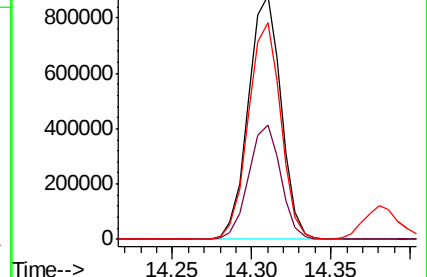
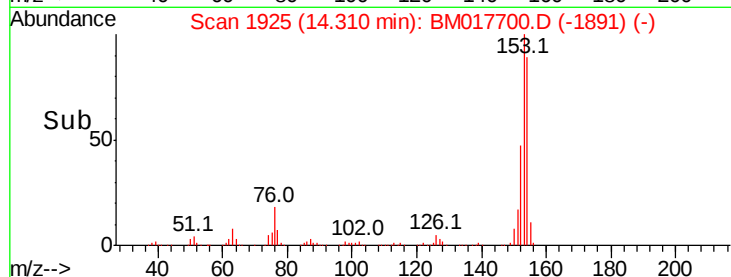
154 88.9 70.6 106.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 50.287 ng/ul

RT: 14.38 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

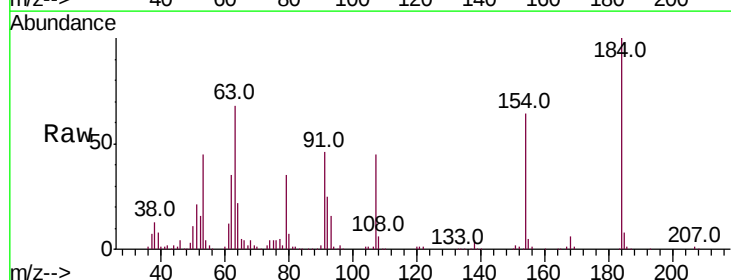
Tgt Ion:184 Resp: 306495

Ion Ratio Lower Upper

184 100

63 68.3 54.4 81.6

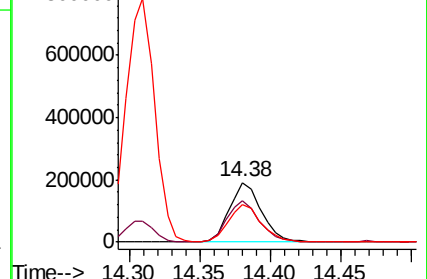
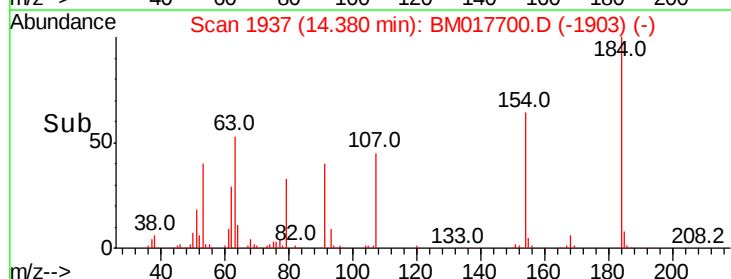
154 63.7 51.1 76.7

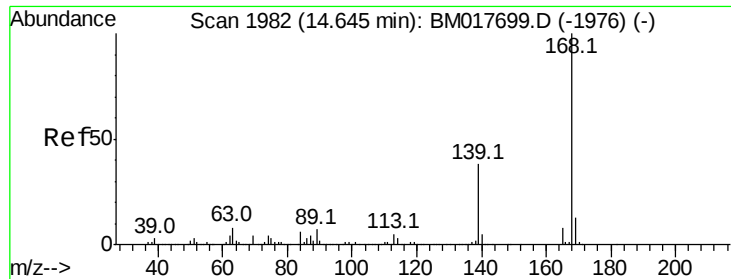


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 19.057 ng/ul

RT: 14.65 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

Instrument :

BNA_M

ClientSampleId :

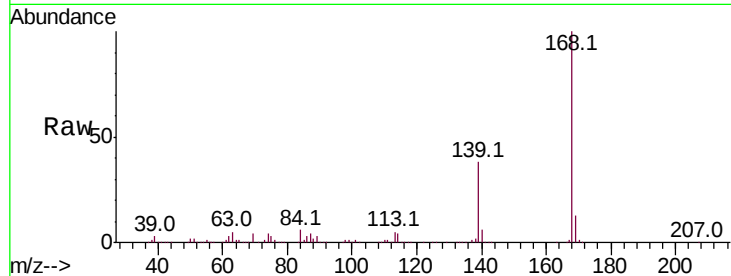
X2E77

Tot Ion:168 Resp: 1037311

Ion Ratio Lower Upper

168 100

139 38.0 30.6 46.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

800000

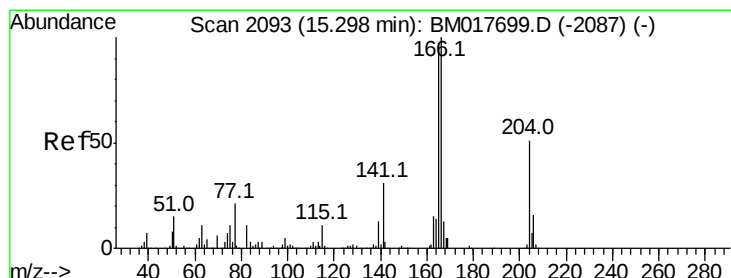
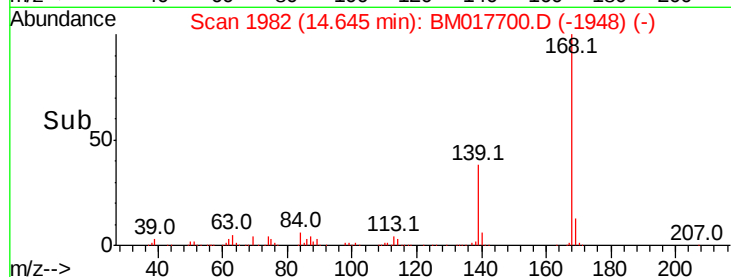
600000

400000

200000

0

Time--> 14.60 14.65 14.70



#58

Fluorene

Concen: 7.814 ng/ul

RT: 15.30 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

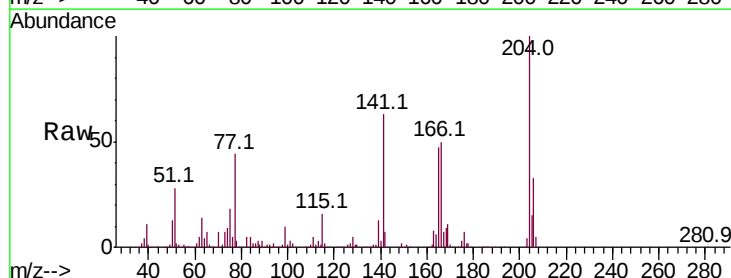
Tgt Ion:166 Resp: 354705

Ion Ratio Lower Upper

166 100

165 94.9 78.0 117.0

167 13.8 10.8 16.2



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

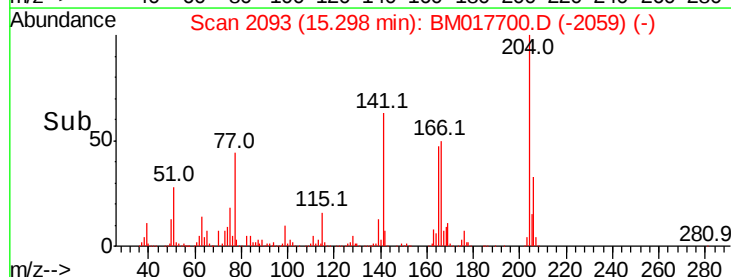
300000

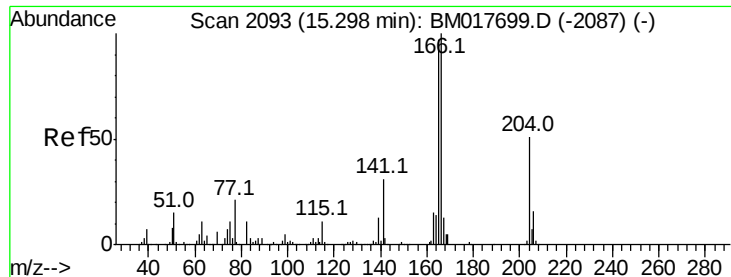
200000

100000

0

Time--> 15.25 15.30 15.35





#59

4-Chlorophenyl-phenylether

Concen: 30.416 ng/ul

RT: 15.30 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

Instrument :

BNA_M

ClientSampleId :

X2E77

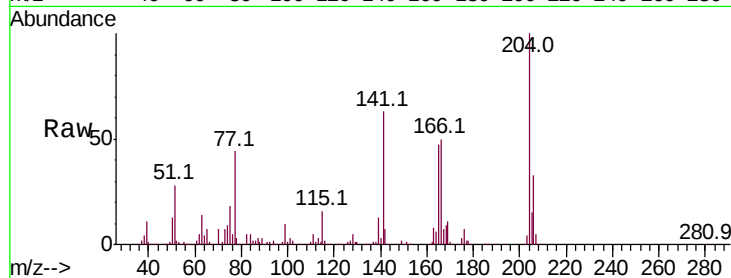
Tot Ion:204 Resp: 709167

Ion Ratio Lower Upper

204 100

206 33.0 25.6 38.4

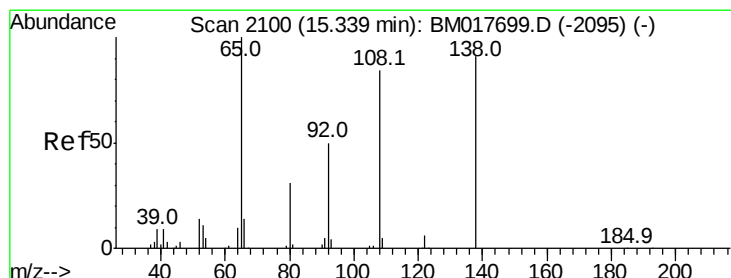
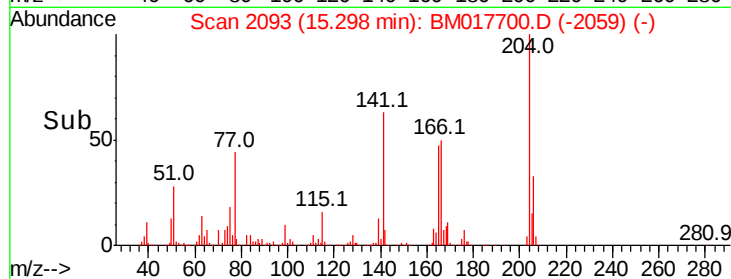
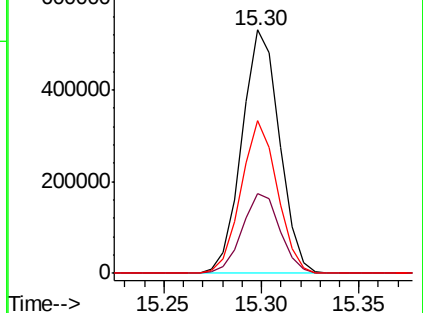
141 62.6 49.8 74.6



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



#60

4-Nitroaniline

Concen: 64.360 ng/ul

RT: 15.35 min Scan# 2101

Delta R.T. 0.01 min

Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

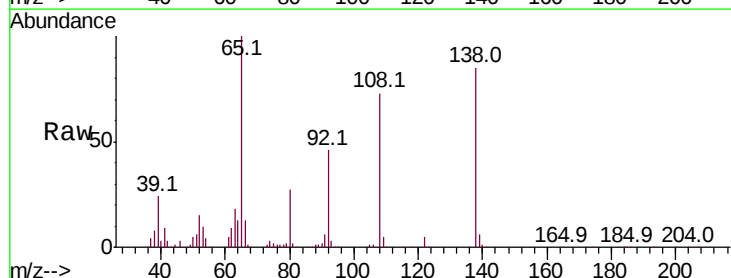
Tgt Ion:138 Resp: 613597

Ion Ratio Lower Upper

138 100

92 54.2 42.8 64.2

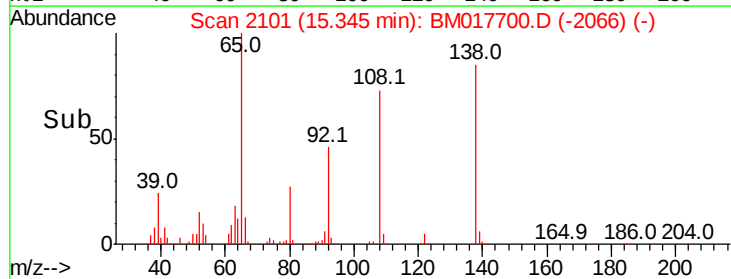
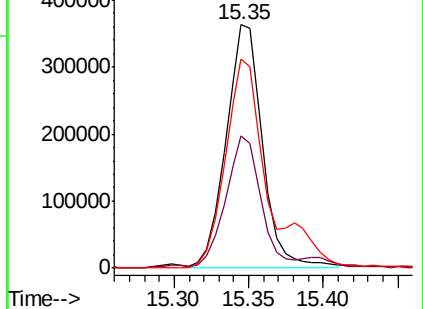
108 86.0 70.2 105.4

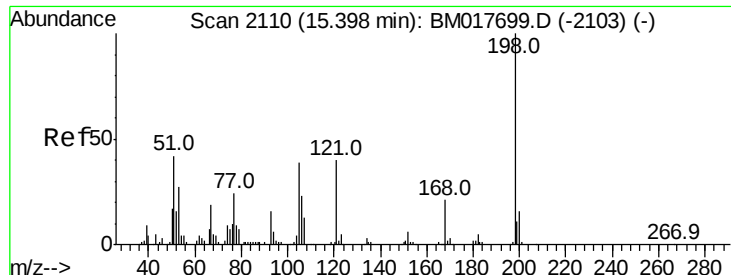


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E

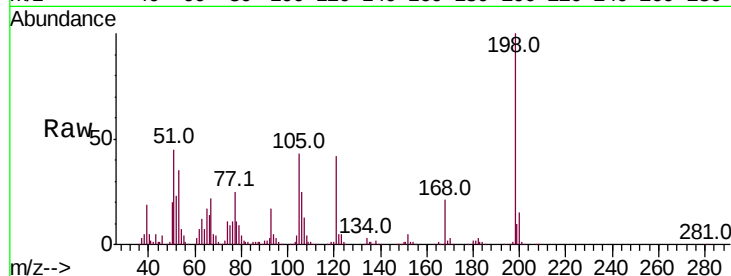




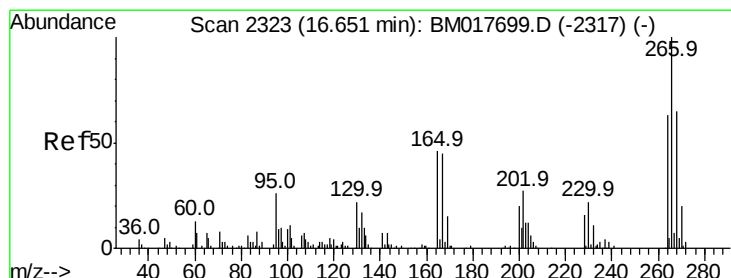
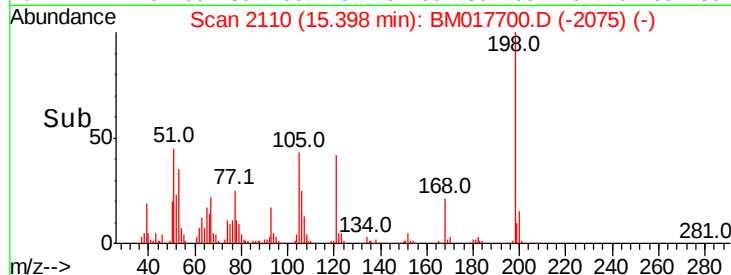
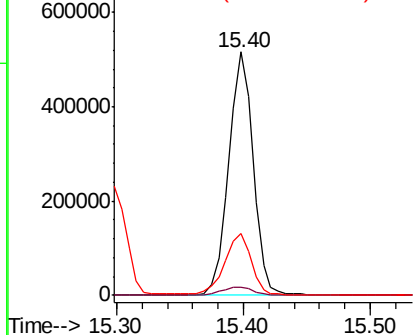
#63
4,6-Dinitro-2-methylphenol
Concen: 73.020 ng/ul
RT: 15.40 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BM017700.D
Acq: 20 Nov 2018 10:26

Instrument :
BNA_M
ClientSampleId :
X2E77

Tot Ion:198 Resp: 685728
Ion Ratio Lower Upper
198 100
182 3.4 3.5 5.3#
77 25.3 24.6 36.8

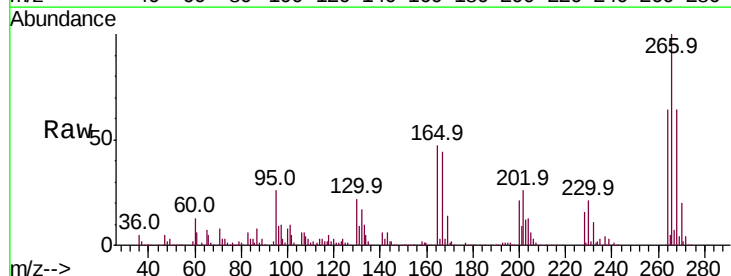


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BM

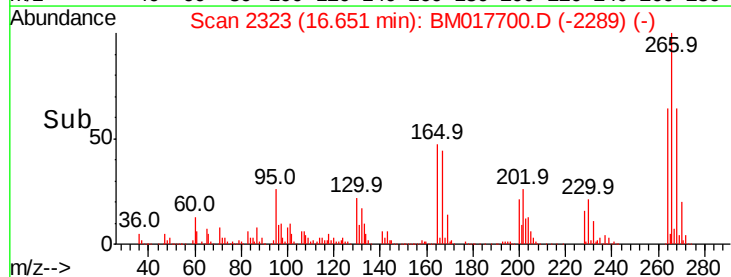
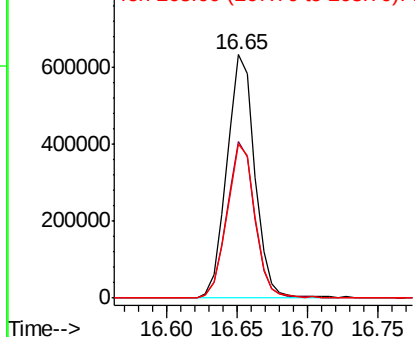


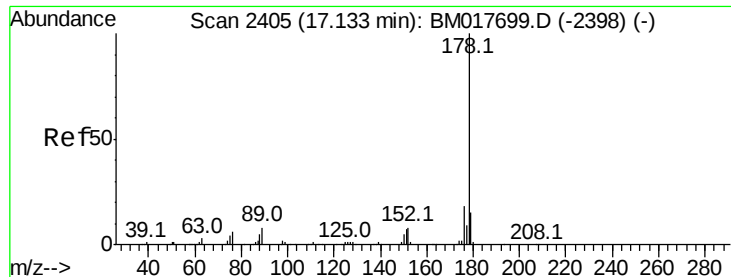
#68
Pentachlorophenol
Concen: 86.784 ng/ul
RT: 16.65 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BM017700.D
Acq: 20 Nov 2018 10:26

Tgt Ion:266 Resp: 874125
Ion Ratio Lower Upper
266 100
264 64.4 50.2 75.2
268 63.5 49.8 74.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



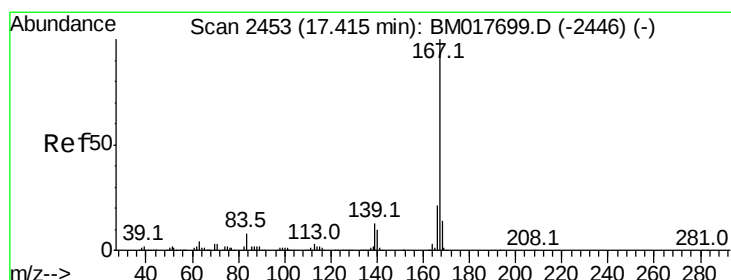
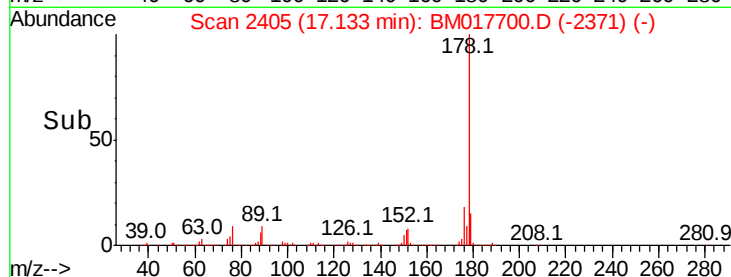
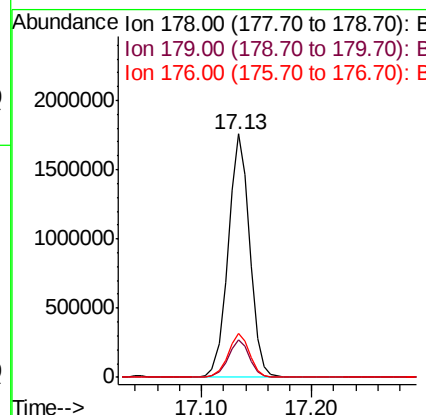
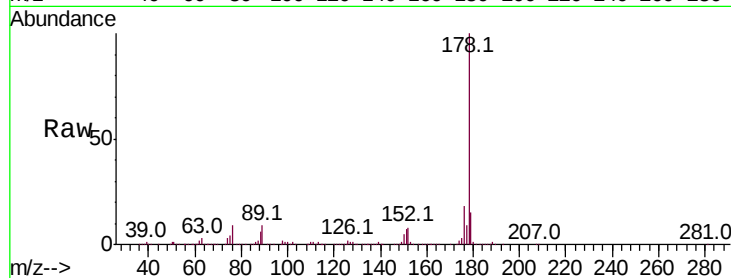


#71
 Anthracene
 Concen: 32.152 ng/ul
 RT: 17.13 min Scan# 2405
 Delta R.T. 0.00 min
 Lab File: BM017700.D
 Acq: 20 Nov 2018 10:26

Instrument :
 BNA_M
 ClientSampleId :
 X2E77

Tot Ion:178 Resp: 2396812

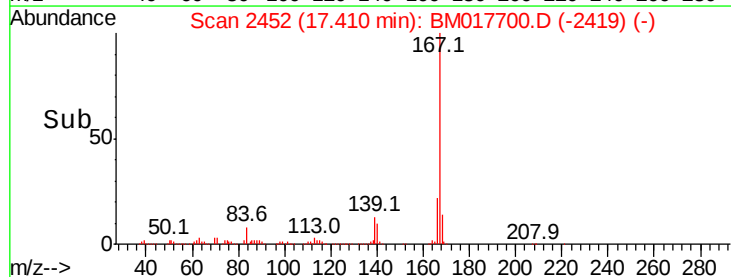
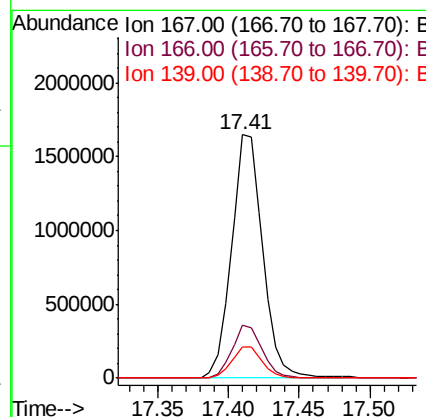
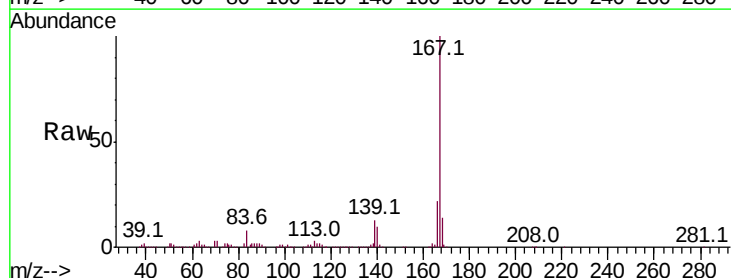
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.2	14.8	22.2

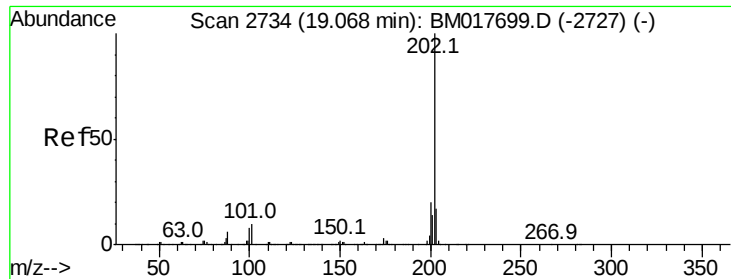


#74
 Carbazole
 Concen: 38.507 ng/ul
 RT: 17.41 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BM017700.D
 Acq: 20 Nov 2018 10:26

Tgt Ion:167 Resp: 2529411

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.4
139	12.8	10.5	15.7



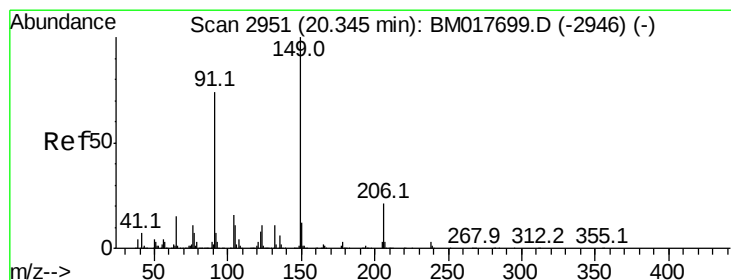
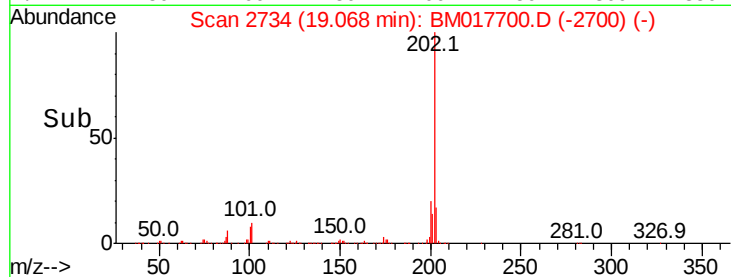
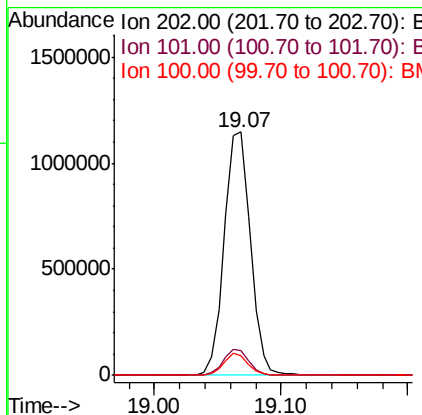
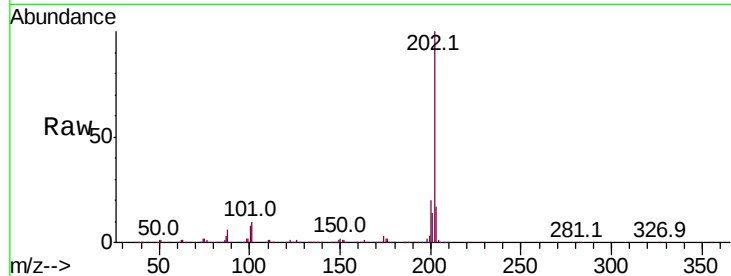


#76
 Fluoranthene
 Concen: 19.159 ng/ul
 RT: 19.07 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: BM017700.D
 Acq: 20 Nov 2018 10:26

Instrument :
 BNA_M
 ClientSampleId :
 X2E77

Tot Ion:202 Resp: 1642642

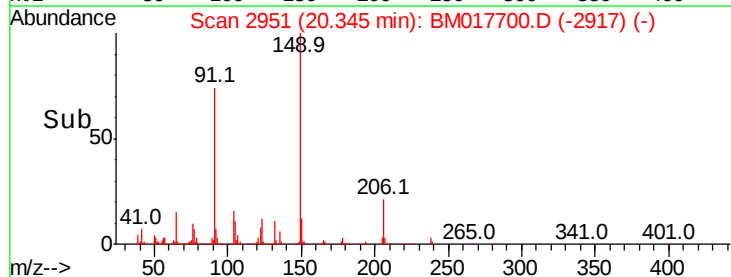
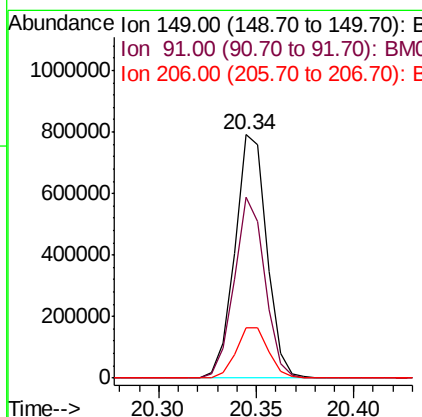
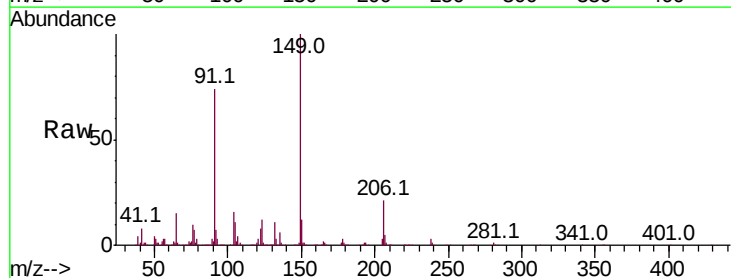
Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.4	12.6
100	7.9	6.6	9.8

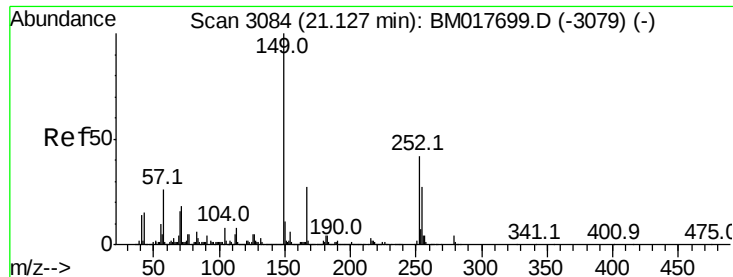


#80
 Butylbenzylphthalate
 Concen: 23.787 ng/ul
 RT: 20.34 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: BM017700.D
 Acq: 20 Nov 2018 10:26

Tgt Ion:149 Resp: 892827

Ion	Ratio	Lower	Upper
149	100		
91	74.1	58.0	87.0
206	20.7	16.6	24.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 22.939 ng/ul

RT: 21.13 min Scan# 3084

Delta R.T. 0.00 min

Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

Instrument :

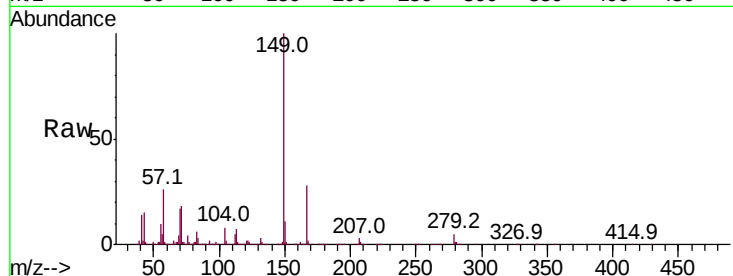
BNA_M

ClientSampleId :

X2E77

Tot Ion:149 Resp: 1274969

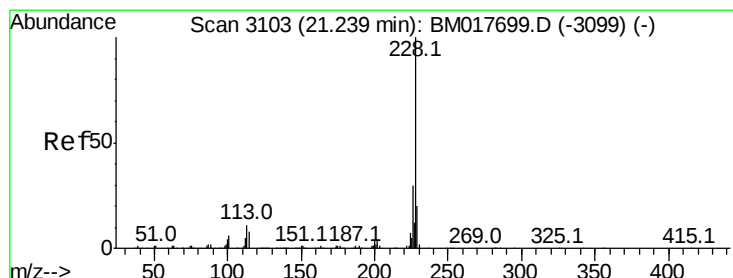
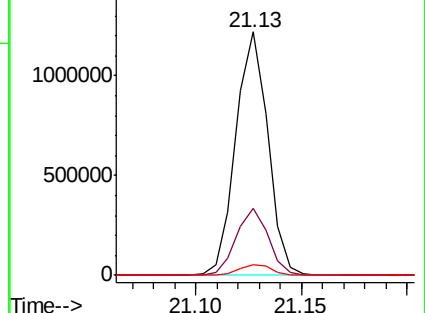
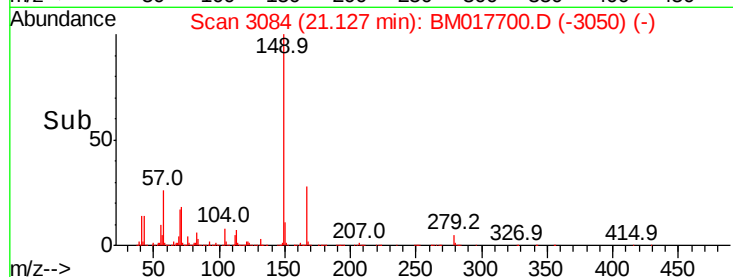
Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.9	32.9
279	4.5	3.6	5.4



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



#84

Chrysene

Concen: 32.993 ng/ul

RT: 21.24 min Scan# 3103

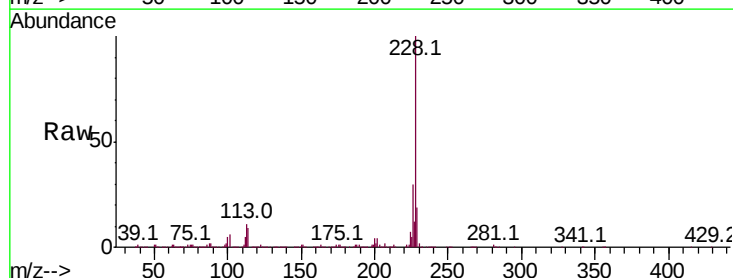
Delta R.T. 0.00 min

Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

Tgt Ion:228 Resp: 2767432

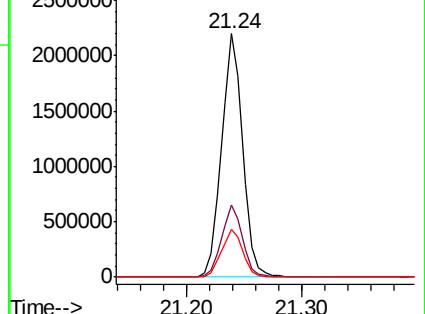
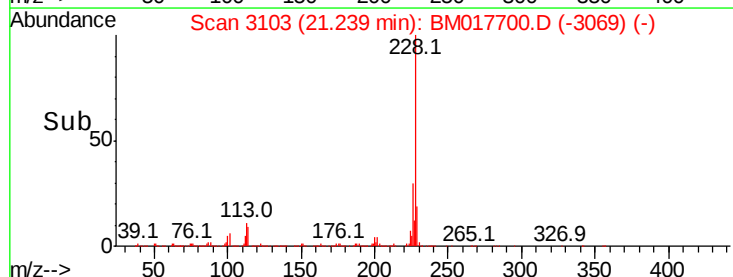
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	19.5	15.8	23.8

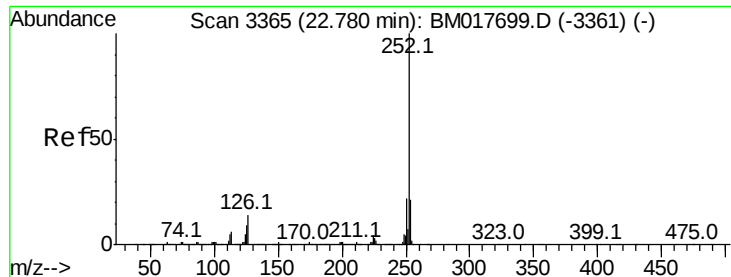


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(k)fluoranthene

Concen: 39.681 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. 0.00 min

Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

Instrument :

BNA_M

ClientSampled :

X2E77

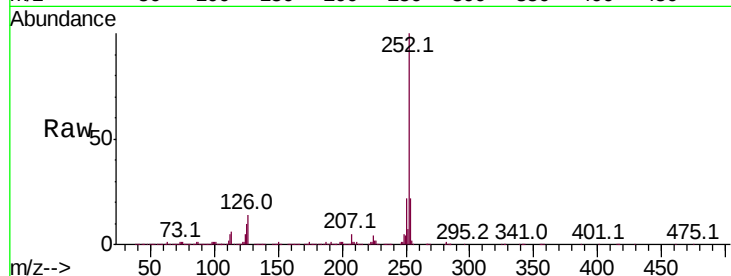
Tot Ion:252 Resp: 3453849

Ion Ratio Lower Upper

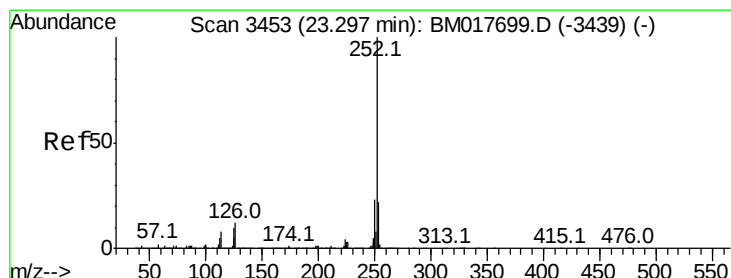
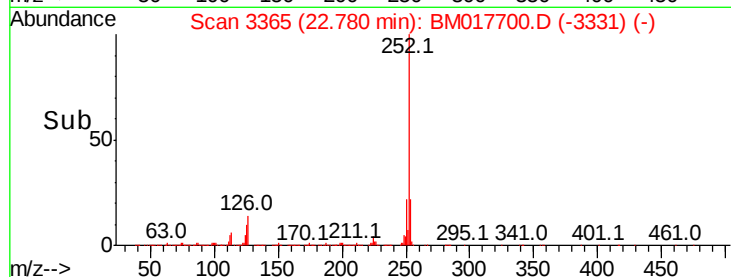
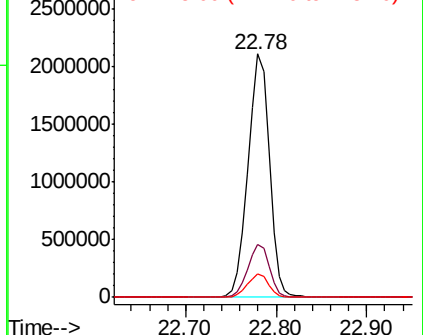
252 100

253 21.9 17.4 26.0

125 9.7 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.920 ng/ul

RT: 23.30 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

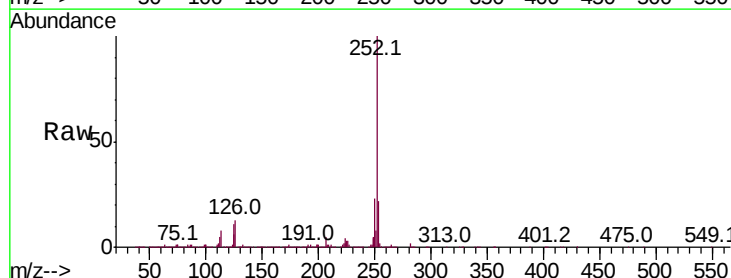
Tgt Ion:252 Resp: 3305450

Ion Ratio Lower Upper

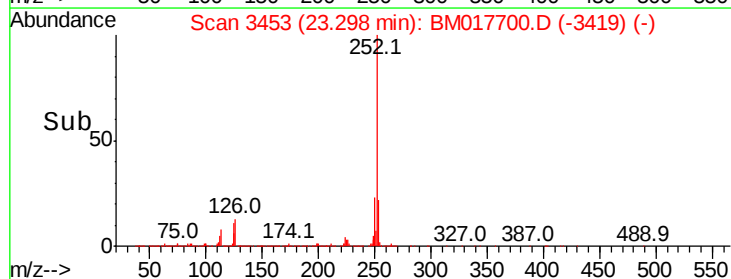
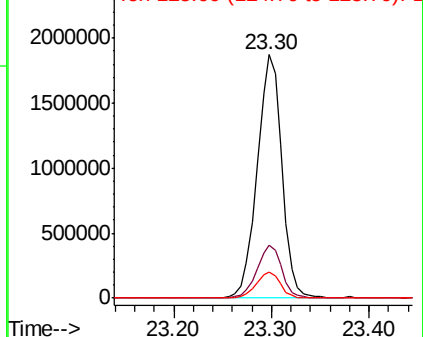
252 100

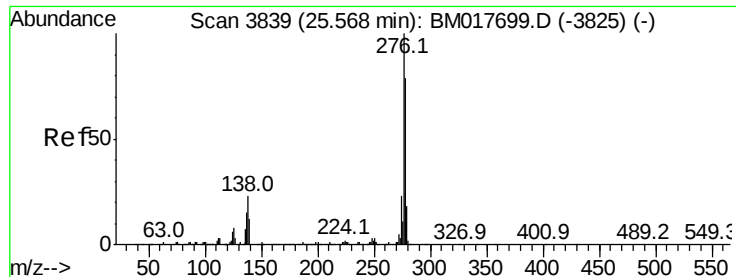
253 21.9 17.4 26.0

125 10.8 7.9 11.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 15.057 ng/ul

RT: 25.56 min Scan# 3838

Delta R.T. -0.01 min

Lab File: BM017700.D

Acq: 20 Nov 2018 10:26

Instrument :

BNA_M

ClientSampleId :

X2E77

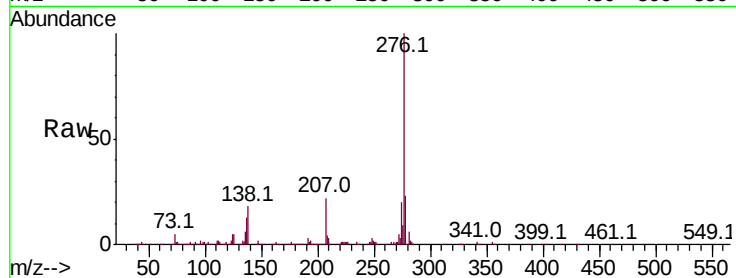
Tot Ion:276 Resp: 1354991

Ion Ratio Lower Upper

276 100

138 18.0 18.2 27.2#

277 23.3 20.2 30.4



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

