

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112018\
 Data File : BM017703.D
 Acq On : 20 Nov 2018 14:11
 Operator : MJ/SJ
 Sample : J6001-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A40T1

Quant Time: Nov 20 15:45:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 20 11:10:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	190985	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	880893	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	534658	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1241132	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1416628	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	1333048	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	28797	6.90	ng/uL	0.00
5) Phenol-d5	6.78	99	674693	38.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	411410	39.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	545828	39.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	562810	39.49	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	272271	40.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	312563	40.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	577289	39.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	270818	21.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	1905049	41.06	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	2291735	40.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	349155	41.40	ng/ul	0.00
57) Fluorene-d10	15.24	176	1607249	40.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	317388	35.77	ng/ul	0.00
70) Anthracene-d10	17.10	188	2552085	41.30	ng/ul	0.00
78) Pyrene-d10	19.40	212	2865237	41.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	3069011	42.45	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.76	77	25497	7.839	ng/ul 97
10) 2-Chlorophenol	7.17	128	544080	39.901	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	901614	57.452	ng/ul 97
14) Acetophenone	8.42	105	851547	38.333	ng/ul 98
17) Hexachloroethane	8.66	117	106334	19.234	ng/ul 93
20) Nitrobenzene	8.79	77	983066	57.886	ng/ul 96
23) 2-Nitrophenol	9.50	139	406870	50.429	ng/ul 96
27) 2,4-Dichlorophenol	10.02	162	336313	24.134	ng/ul 97
28) Naphthalene	10.42	128	721037	15.710	ng/ul 99
33) 4-Chloro-3-methylphenol	11.67	107	786500	49.695	ng/ul 99
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	353914	19.838	ng/ul 99
38) 2,4,6-Trichlorophenol	12.66	196	377232	32.536	ng/ul 98
40) 1,1'-Biphenyl	13.07	154	1789094	40.650	ng/ul 100
42) 2-Nitroaniline	13.33	65	596057	59.453	ng/ul 99
45) 2,6-Dinitrotoluene	13.83	165	393035	44.503	ng/ul 99
47) Acenaphthylene	13.96	152	2920656	55.701	ng/ul 99
49) Acenaphthene	14.31	153	164211	4.345	ng/ul 98
52) 4-Nitrophenol	14.49	109	445138	64.165	ng/ul 96
53) Dibenzofuran	14.65	168	1081930	20.232	ng/ul 97
54) 2,4-Dinitrotoluene	14.63	165	698602	52.244	ng/ul 95
56) Diethylphthalate	15.09	149	2287870	49.414	ng/ul 98
58) Fluorene	15.30	166	370089	8.299	ng/ul 98
64) N-Nitrosodiphenylamine	15.52	169	1992178	52.135	ng/ul 97

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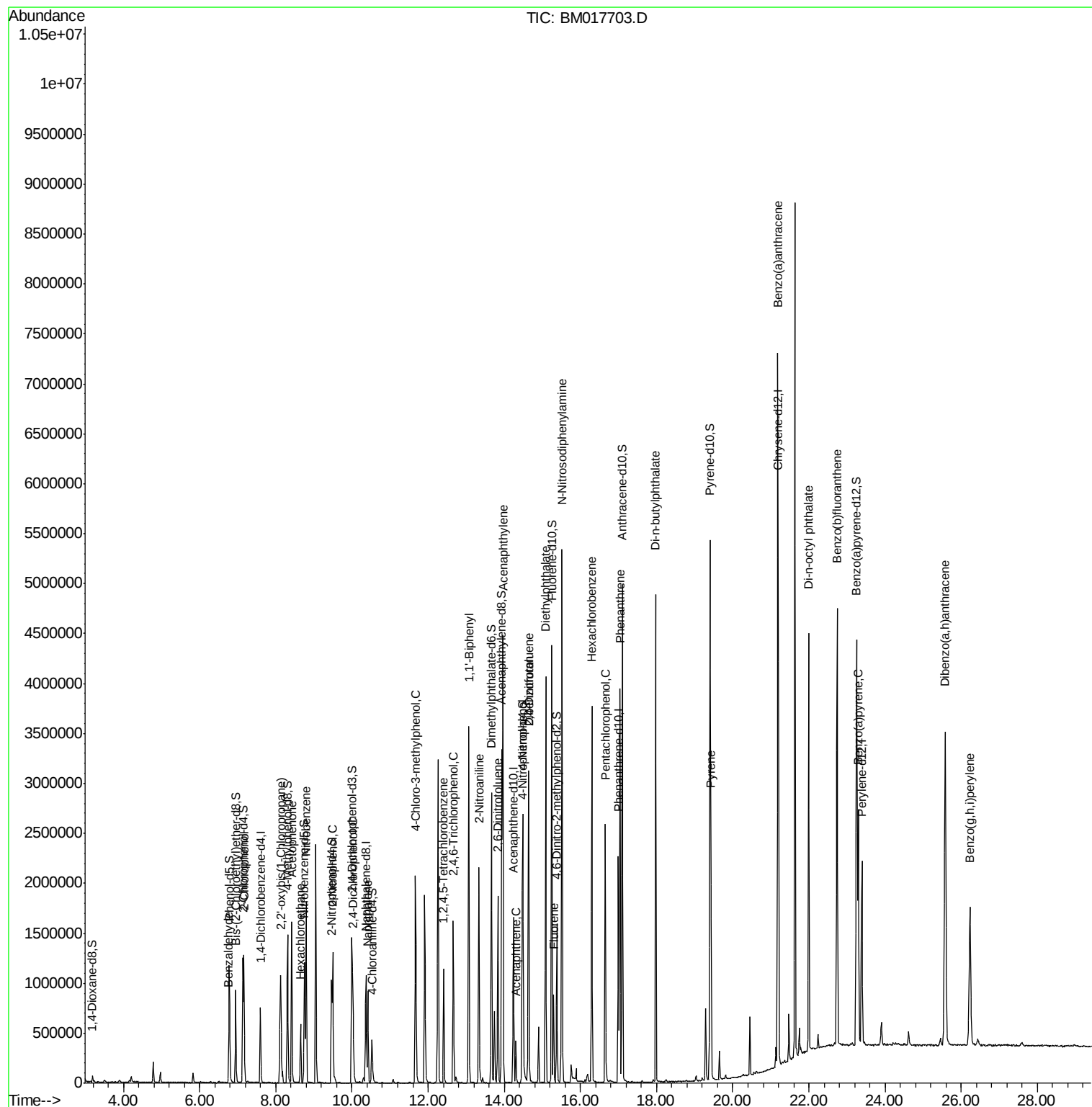
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) Hexachlorobenzene	16.30	284	655980	41.612	ng/ul	98
68) Pentachlorophenol	16.65	266	437650	44.624	ng/ul	98
69) Phenanthrene	17.04	178	2347134	33.070	ng/ul	98
75) Di-n-butylphthalate	17.98	149	3398920	42.051	ng/ul	99
79) Pyrene	19.43	202	1454086	16.909	ng/ul	99
82) Benzo(a)anthracene	21.19	228	3586645	40.819	ng/ul	100
86) Di-n-octyl phthalate	22.00	149	2687714	28.786	ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	2794471	33.725	ng/ul	99
90) Benzo(a)pyrene	23.30	252	1589578	20.229	ng/ul	99
92) Dibenzo(a,h)anthracene	25.58	278	3305712	47.025	ng/ul	99
93) Benzo(a,h,i)perylene	26.23	276	1635201	24.300	ng/ul	100

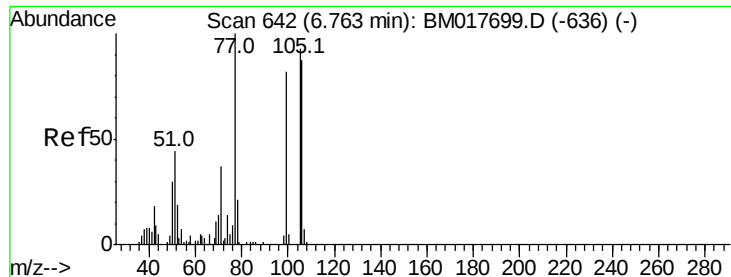
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 7.839 ng/ul

RT: 6.76 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM017703.D

Acq: 20 Nov 2018 14:11

Instrument :

BNA_M

ClientSampleId :

A40T1

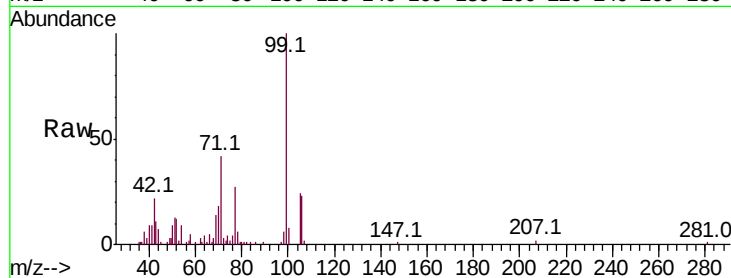
Tot Ion: 77 Resp: 25497

Ion Ratio Lower Upper

77 100

105 87.4 74.4 111.6

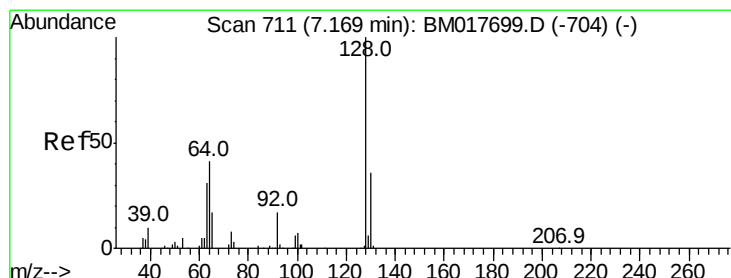
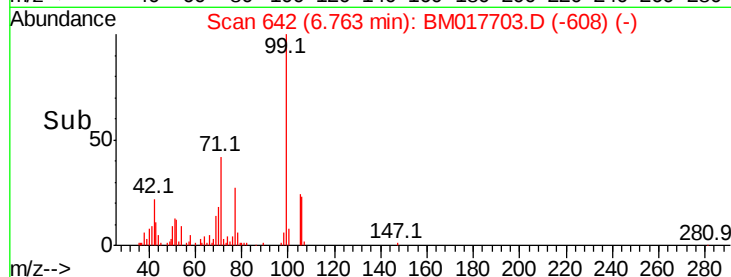
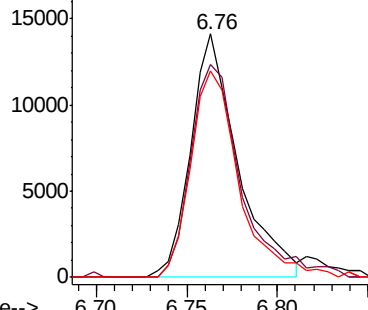
106 85.1 67.4 101.2



Abundance Ion 77.00 (76.70 to 77.70): BM017703.D (-608) (-)

Ion 105.00 (104.70 to 105.70): BM017703.D (-608) (-)

Ion 106.00 (105.70 to 106.70): BM017703.D (-608) (-)



#10

2-Chlorophenol

Concen: 39.901 ng/ul

RT: 7.17 min Scan# 711

Delta R.T. 0.00 min

Lab File: BM017703.D

Acq: 20 Nov 2018 14:11

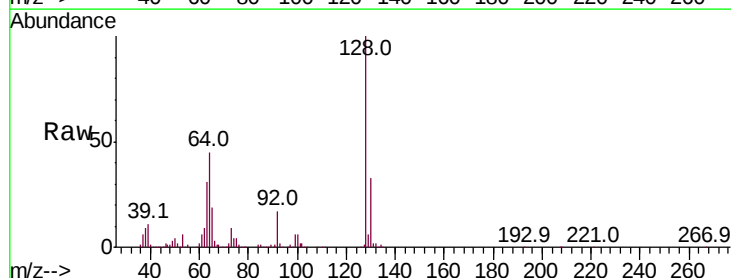
Tgt Ion: 128 Resp: 544080

Ion Ratio Lower Upper

128 100

64 44.9 36.8 55.2

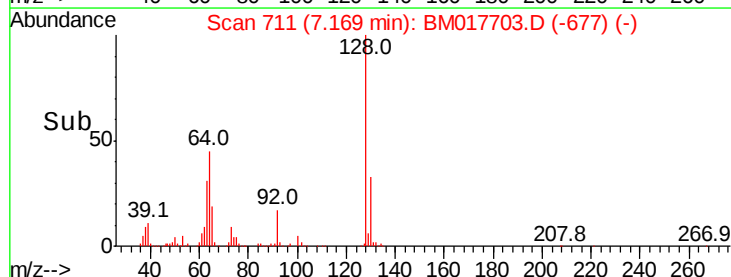
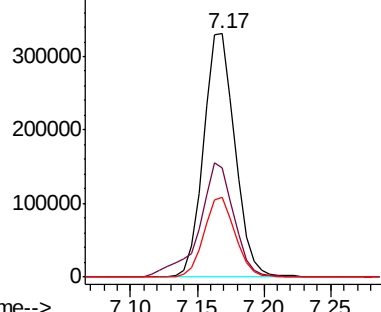
130 32.5 25.0 37.4

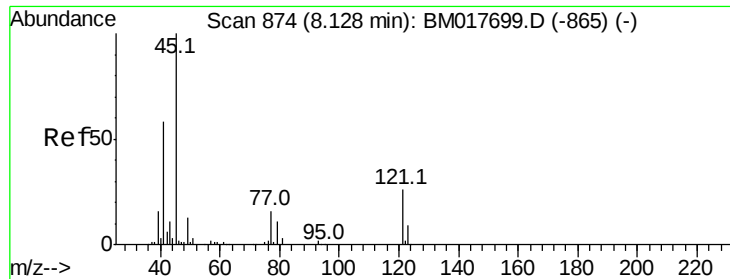


Abundance Ion 128.00 (127.70 to 128.70): BM017703.D (-677) (-)

Ion 64.00 (63.70 to 64.70): BM017703.D (-677) (-)

Ion 130.00 (129.70 to 130.70): BM017703.D (-677) (-)

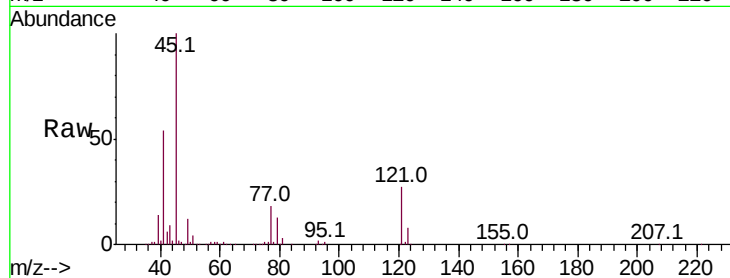




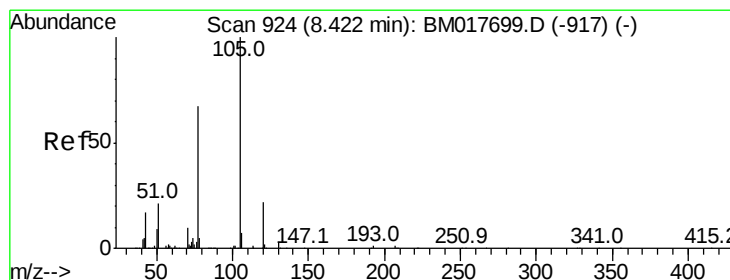
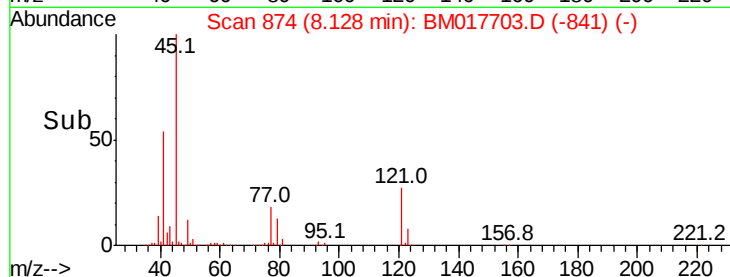
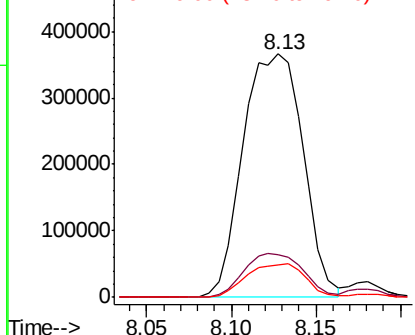
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 57.452 ng/ul
RT: 8.13 min Scan# 874
Delta R.T. -0.01 min
Lab File: BM017703.D
Acq: 20 Nov 2018 14:11

Instrument :
BNA_M
ClientSampleId :
A40T1

Tot Ion: 45 Resp: 901614
Ion Ratio Lower Upper
45 100
77 17.6 15.3 22.9
79 13.2 11.4 17.0

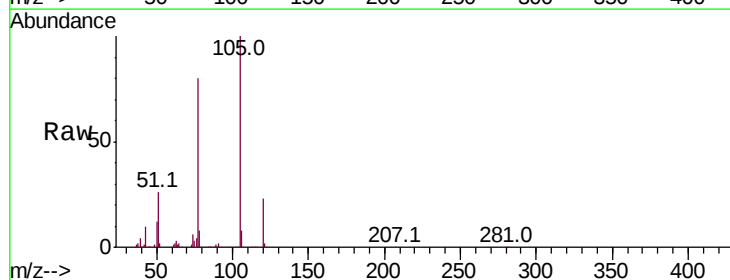


Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

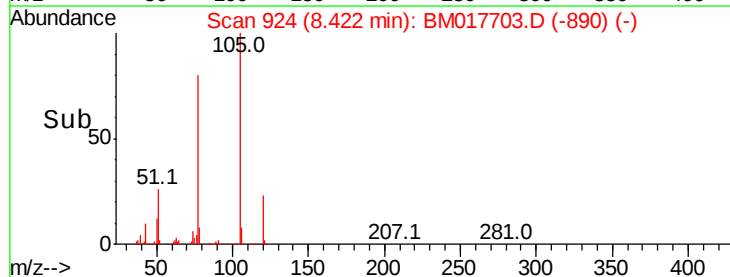
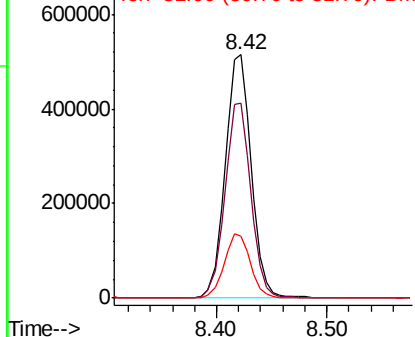


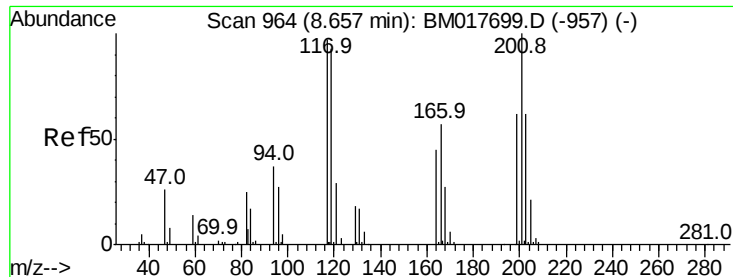
#14
Acetophenone
Concen: 38.333 ng/ul
RT: 8.42 min Scan# 924
Delta R.T. 0.00 min
Lab File: BM017703.D
Acq: 20 Nov 2018 14:11

Tgt Ion: 105 Resp: 851547
Ion Ratio Lower Upper
105 100
77 80.1 63.0 94.6
51 25.6 21.3 31.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 51.00 (50.70 to 51.70): BM0





#17

Hexachloroethane

Concen: 19.234 ng/ul

RT: 8.66 min Scan# 964

Delta R.T. 0.00 min

Lab File: BM017703.D

Acq: 20 Nov 2018 14:11

Instrument :

BNA_M

ClientSampleId :

A40T1

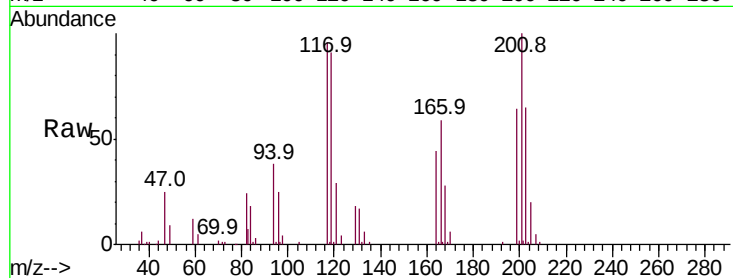
Tot Ion:117 Resp: 106334

Ion Ratio Lower Upper

117 100

201 106.0 78.2 117.2

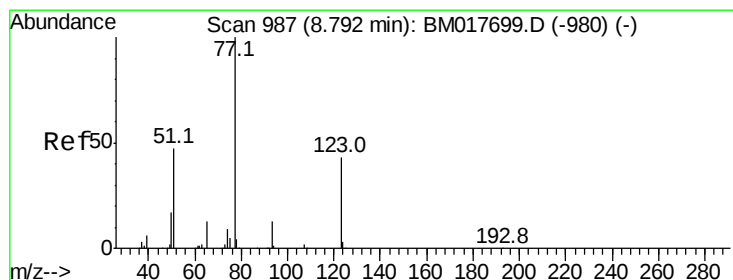
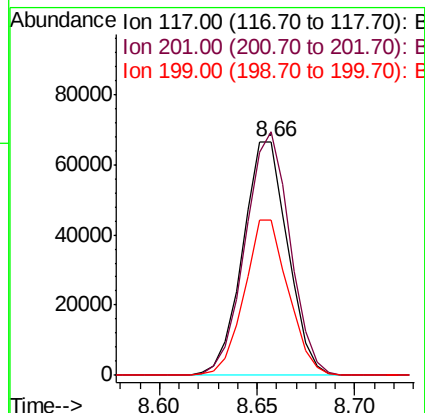
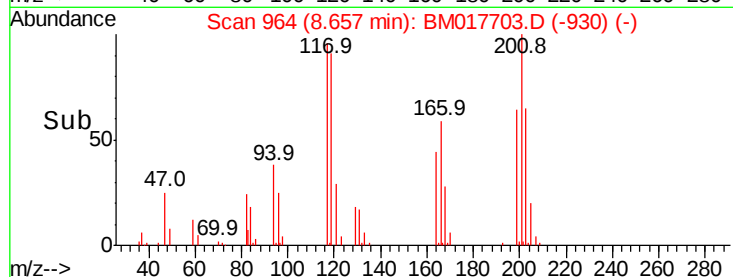
199 66.6 49.5 74.3



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 57.886 ng/ul

RT: 8.79 min Scan# 987

Delta R.T. 0.00 min

Lab File: BM017703.D

Acq: 20 Nov 2018 14:11

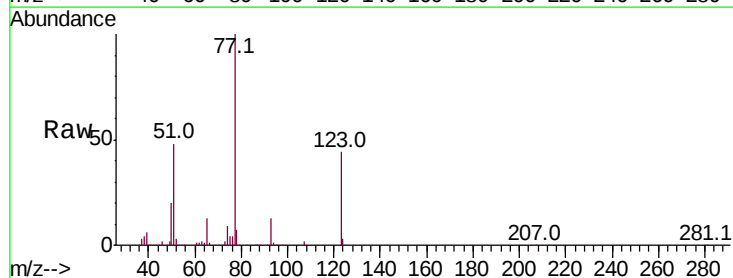
Tgt Ion: 77 Resp: 983066

Ion Ratio Lower Upper

77 100

123 44.3 33.1 49.7

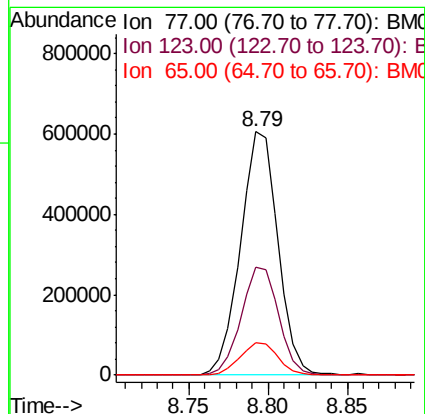
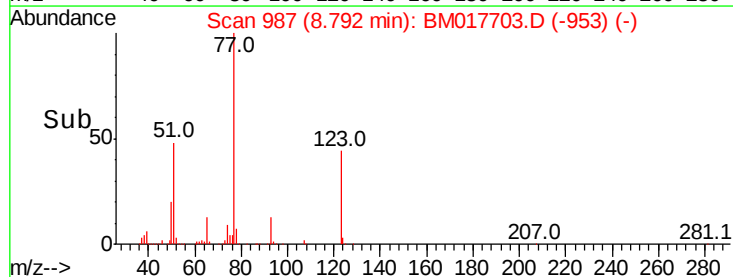
65 13.4 11.0 16.6

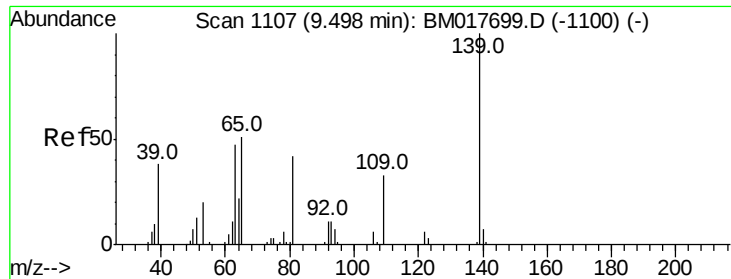


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0

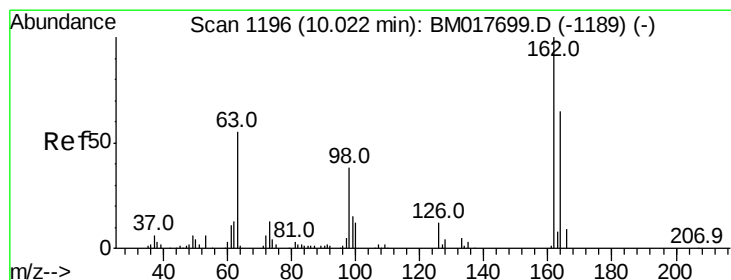
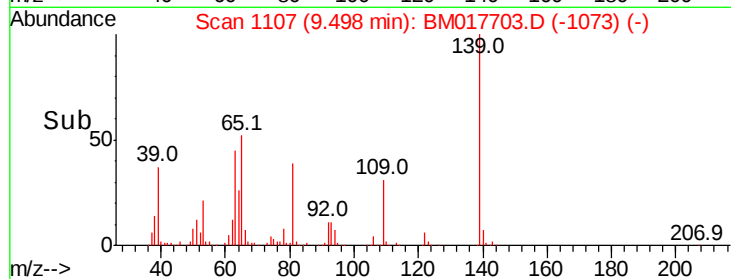
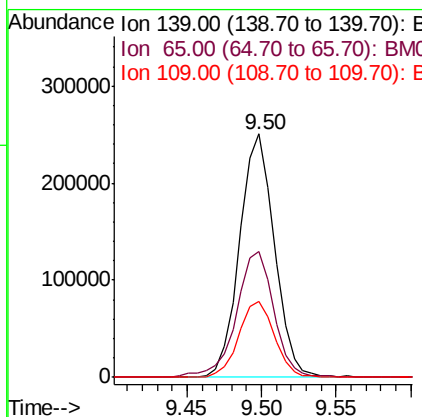
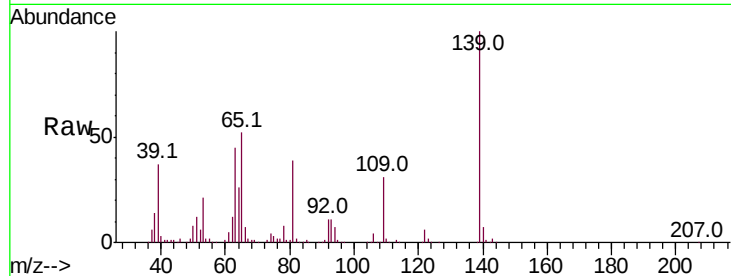




#23
2-Nitrophenol
Concen: 50.429 ng/ul
RT: 9.50 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BM017703.D
Acq: 20 Nov 2018 14:11

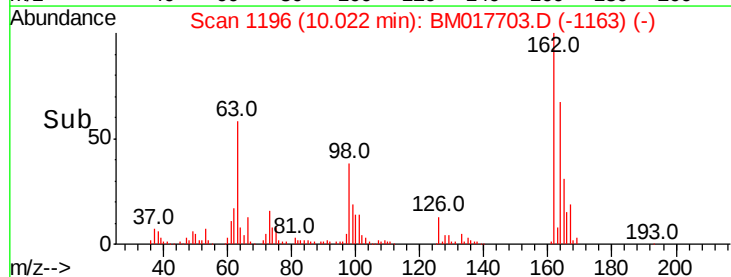
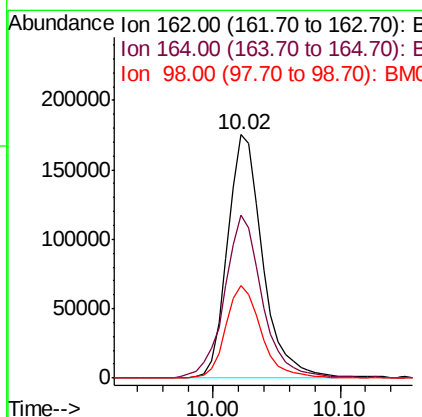
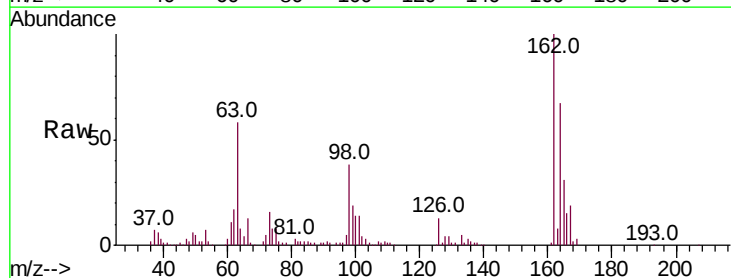
Instrument :
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A40T1

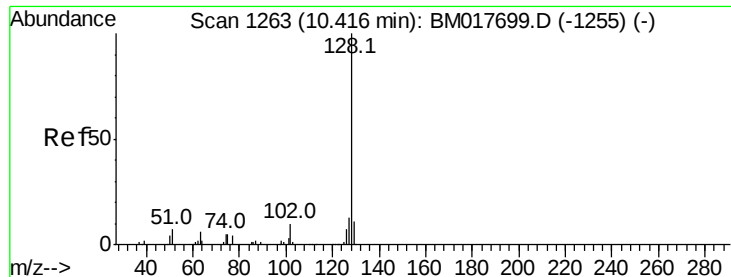
Tot Ion	Ratio	Lower	Upper
139	100		
65	51.5	44.2	66.4
109	31.1	26.4	39.6



#27
2,4-Dichlorophenol
Concen: 24.134 ng/ul
RT: 10.02 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BM017703.D
Acq: 20 Nov 2018 14:11

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.7	51.8	77.8
98	38.2	29.0	43.6





#28

Naphthalene

Concen: 15.710 ng/ul

RT: 10.42 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BM017703.D

Acq: 20 Nov 2018 14:11

Instrument :

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ClientSampleId :

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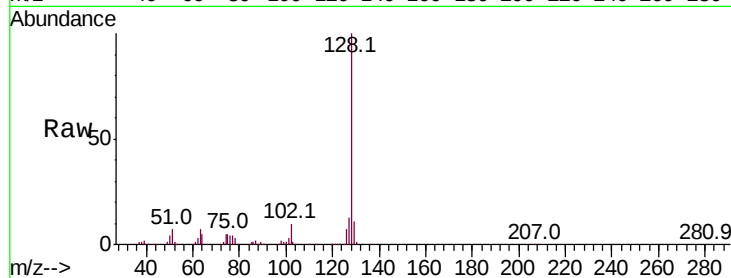
Tot Ion:128 Resp: 721037

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

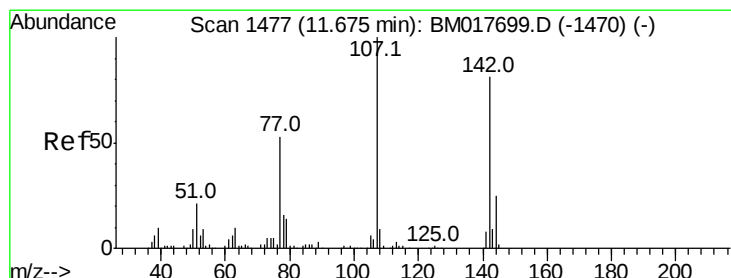
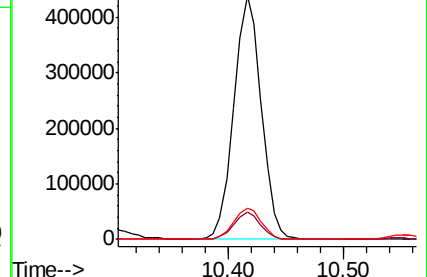
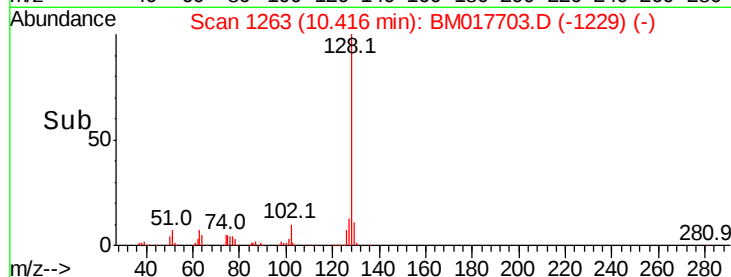
127 12.9 10.8 16.2



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



#33

4-Chloro-3-methylphenol

Concen: 49.695 ng/ul

RT: 11.67 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BM017703.D

Acq: 20 Nov 2018 14:11

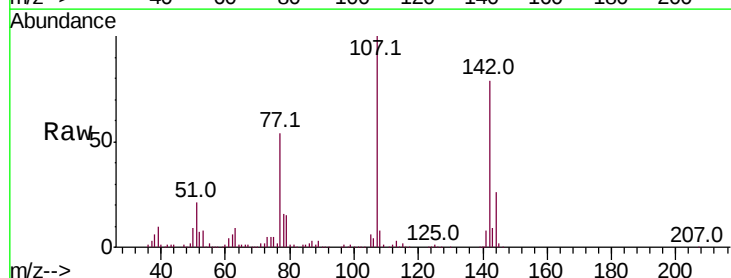
Tgt Ion:107 Resp: 786500

Ion Ratio Lower Upper

107 100

144 25.8 21.1 31.7

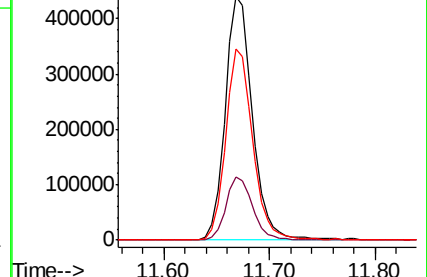
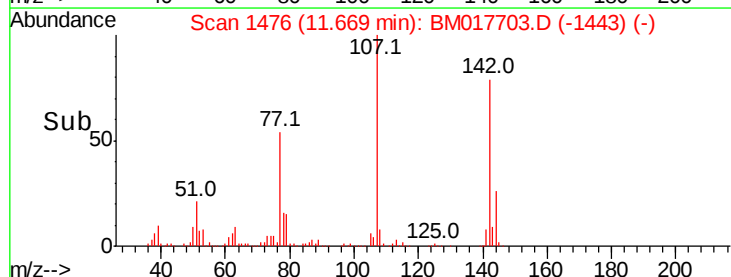
142 78.5 63.0 94.6

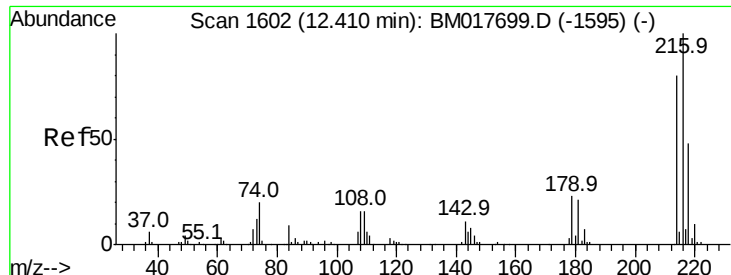


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

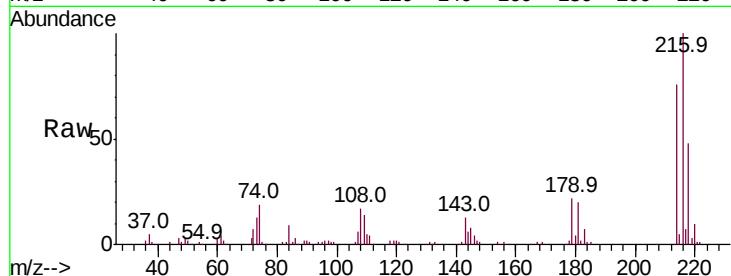




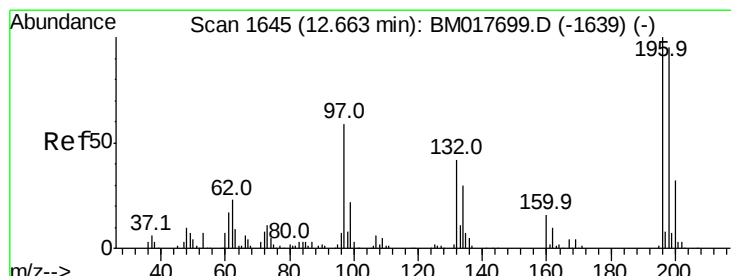
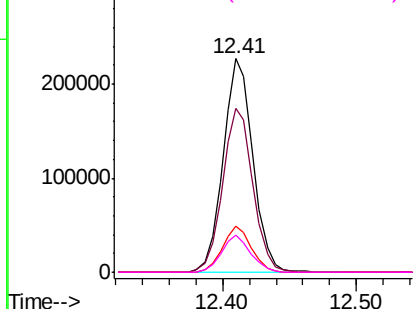
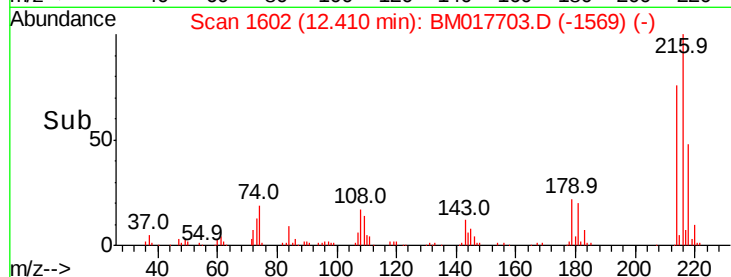
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.838 ng/ul
 RT: 12.41 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BM017703.D
 Acq: 20 Nov 2018 14:11

Instrument :
 BNA_M
 ClientSampleId :
 A40T1

Tot Ion:	216	Resp:	353914
Ion	Ratio	Lower	Upper
216	100		
214	76.5	61.3	91.9
179	21.7	17.0	25.4
108	17.3	12.8	19.2

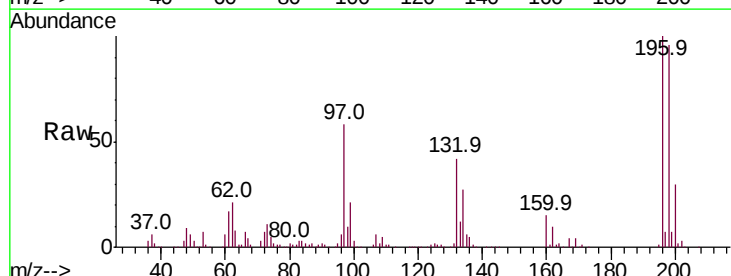


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

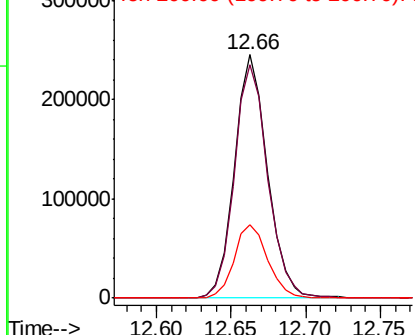
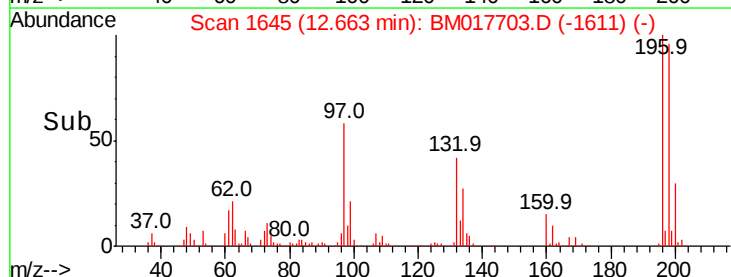


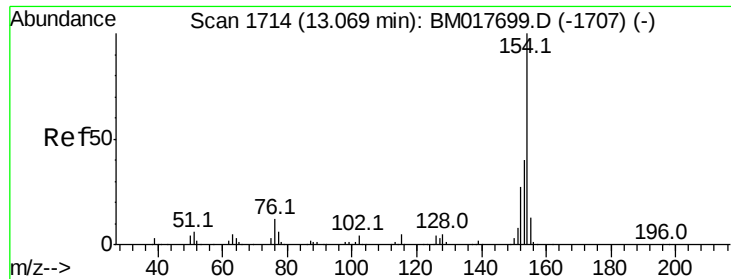
#38
 2,4,6-Trichlorophenol
 Concen: 32.536 ng/ul
 RT: 12.66 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BM017703.D
 Acq: 20 Nov 2018 14:11

Tgt Ion:	196	Resp:	377232
Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.9	112.3
200	30.2	25.4	38.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

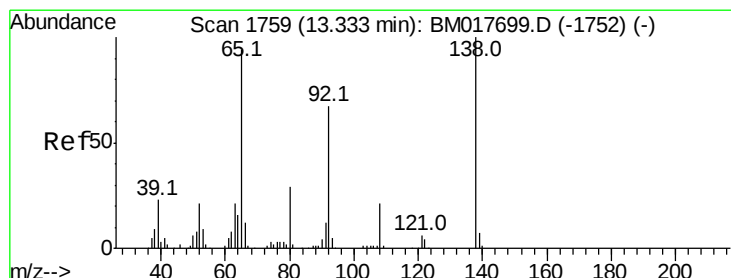
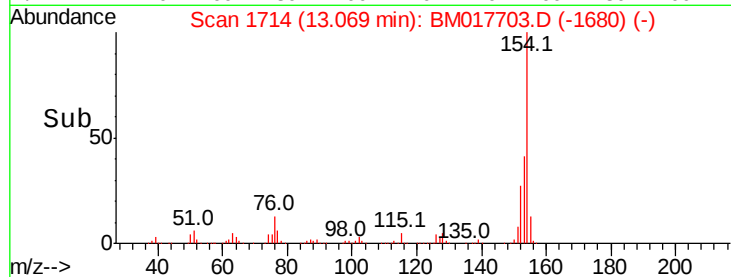
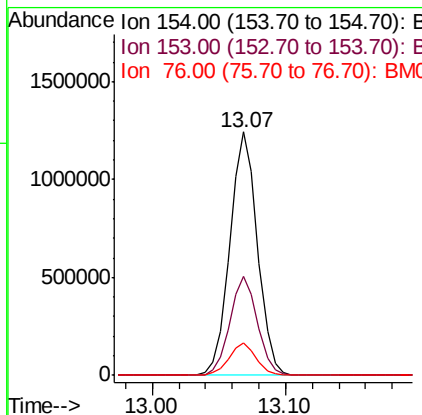
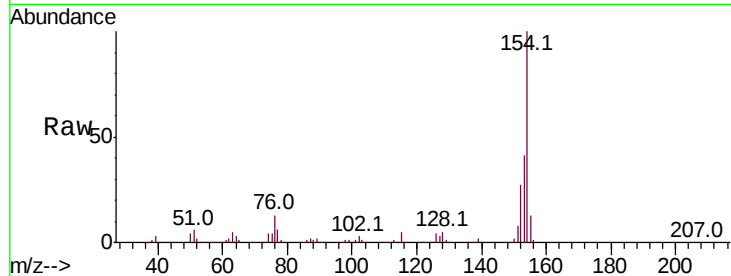




#40
 1,1'-Biphenyl
 Concen: 40.650 ng/ul
 RT: 13.07 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BM017703.D
 Acq: 20 Nov 2018 14:11

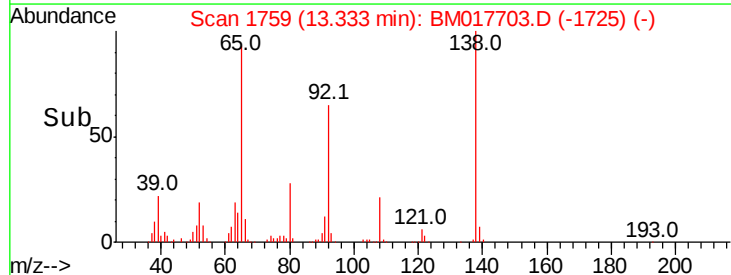
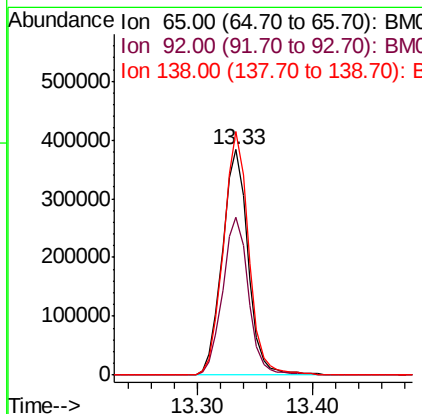
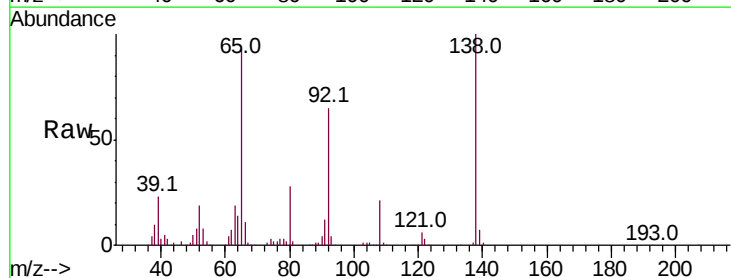
Instrument :
 BNA_M
 ClientSampleId :
 A40T1

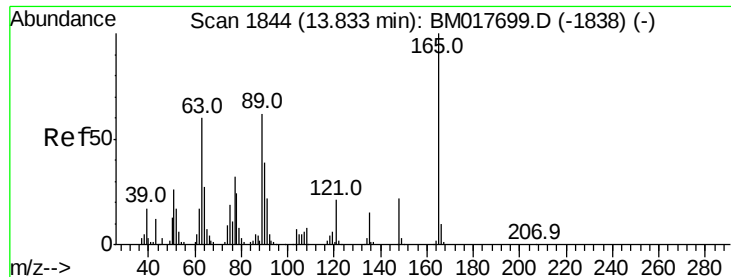
Tot Ion:154 Resp: 1789094
 Ion Ratio Lower Upper
 154 100
 153 40.8 32.5 48.7
 76 13.2 10.6 15.8



#42
 2-Nitroaniline
 Concen: 59.453 ng/ul
 RT: 13.33 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BM017703.D
 Acq: 20 Nov 2018 14:11

Tgt Ion: 65 Resp: 596057
 Ion Ratio Lower Upper
 65 100
 92 70.3 56.3 84.5
 138 108.0 85.4 128.0

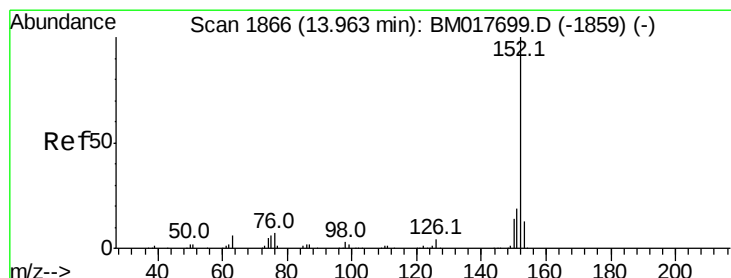
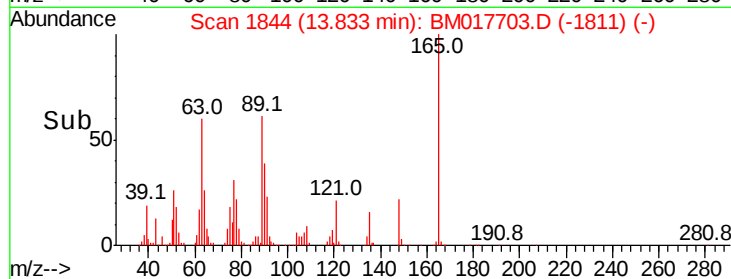
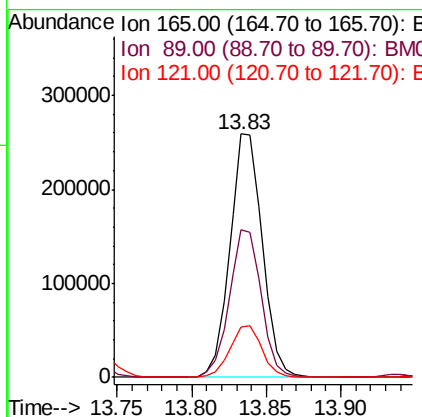
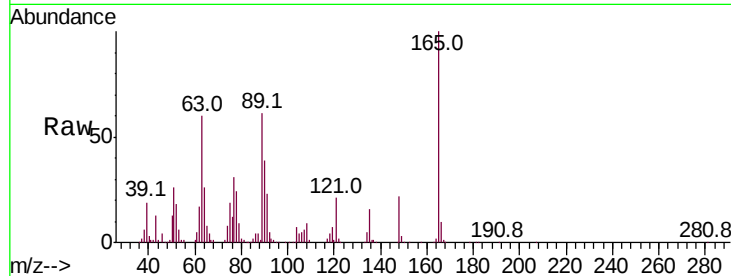




#45
2,6-Dinitrotoluene
Concen: 44.503 ng/ul
RT: 13.83 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BM017703.D
Acq: 20 Nov 2018 14:11

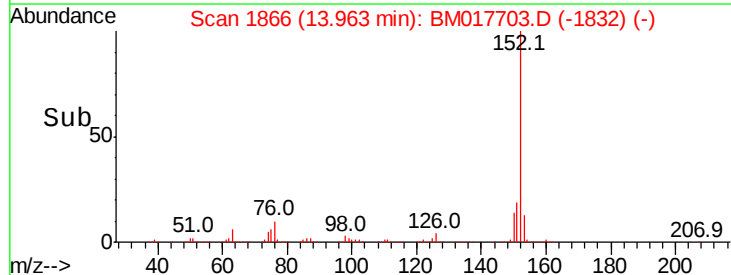
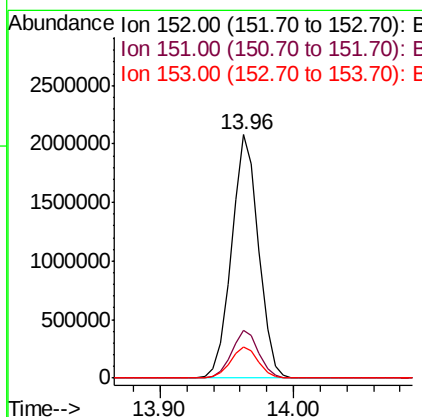
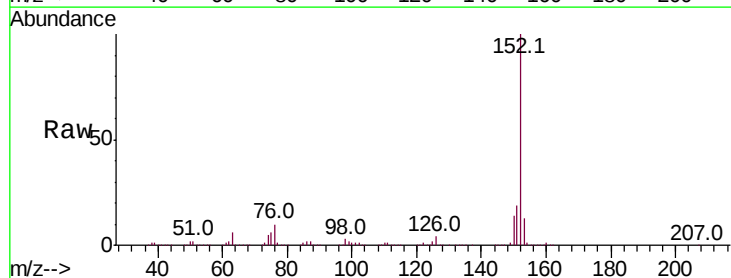
Instrument :
BNA_M
ClientSampleId :
A40T1

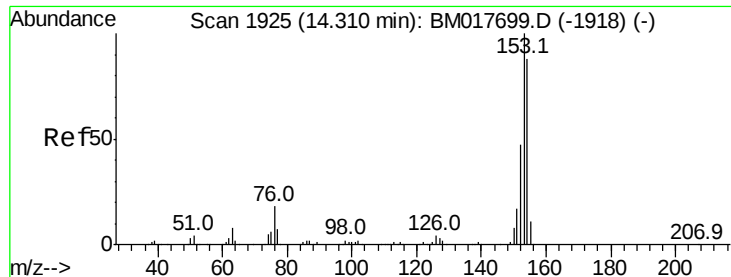
Tot Ion	Ratio	Lower	Upper
165	100		
89	60.6	48.0	72.0
121	20.9	17.0	25.6



#47
Acenaphthylene
Concen: 55.701 ng/ul
RT: 13.96 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BM017703.D
Acq: 20 Nov 2018 14:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.0	24.0
153	12.9	10.4	15.6





#49

Acenaphthene

Concen: 4.345 ng/ul

RT: 14.31 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM017703.D

Acq: 20 Nov 2018 14:11

Instrument :

BNA_M

ClientSampleId :

A40T1

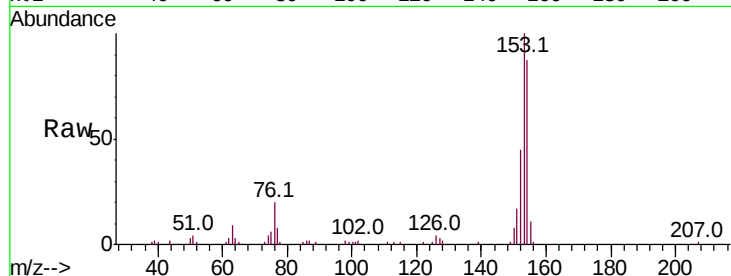
Tot Ion:153 Resp: 164211

Ion Ratio Lower Upper

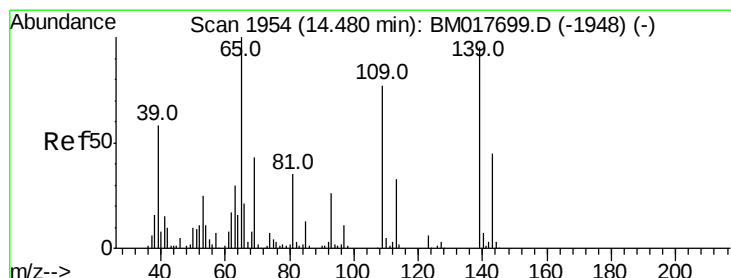
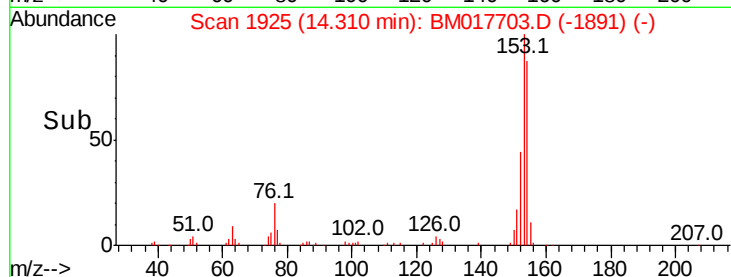
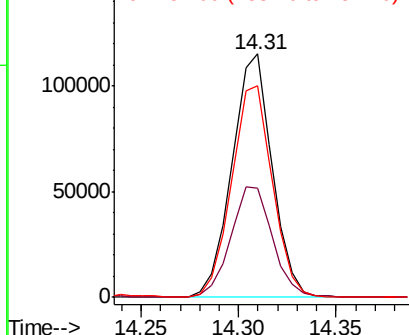
153 100

152 44.8 37.0 55.6

154 87.1 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



#52

4-Nitrophenol

Concen: 64.165 ng/ul

RT: 14.49 min Scan# 1956

Delta R.T. 0.01 min

Lab File: BM017703.D

Acq: 20 Nov 2018 14:11

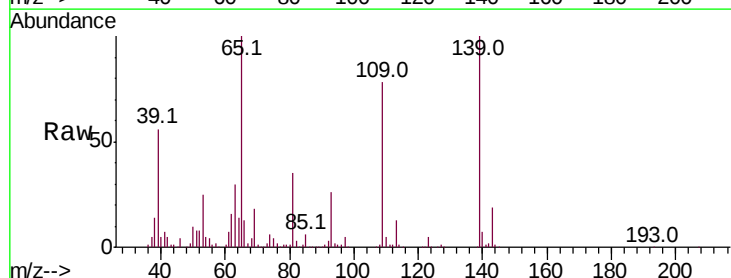
Tgt Ion:109 Resp: 445138

Ion Ratio Lower Upper

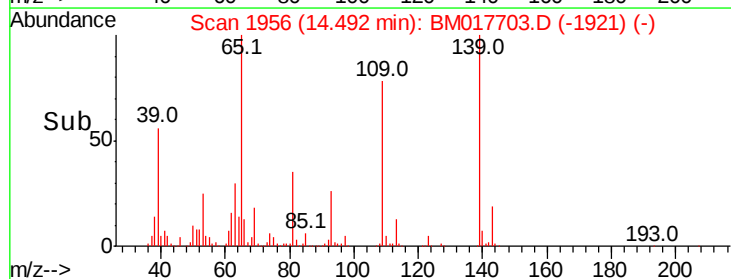
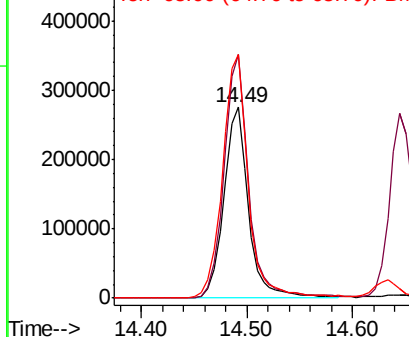
109 100

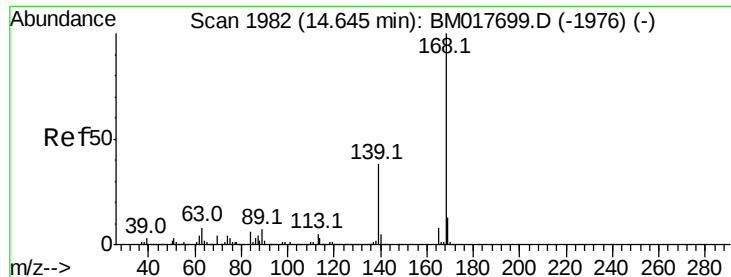
139 127.5 97.4 146.0

65 127.5 104.5 156.7



Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM





#53

Dibenzenofuran

Concen: 20.232 ng/ul

RT: 14.65 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BM017703.D

Acq: 20 Nov 2018 14:11

Instrument :

BNA_M

ClientSampleId :

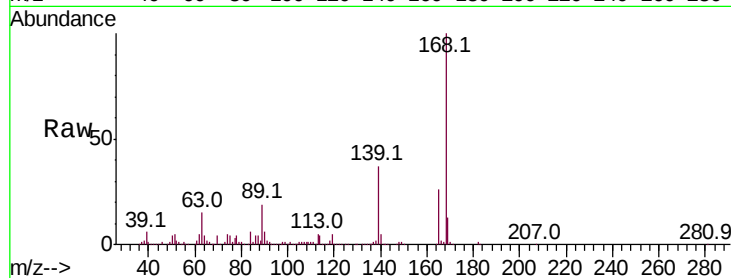
A40T1

Tot Ion:168 Resp: 1081930

Ion Ratio Lower Upper

168 100

139 36.7 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

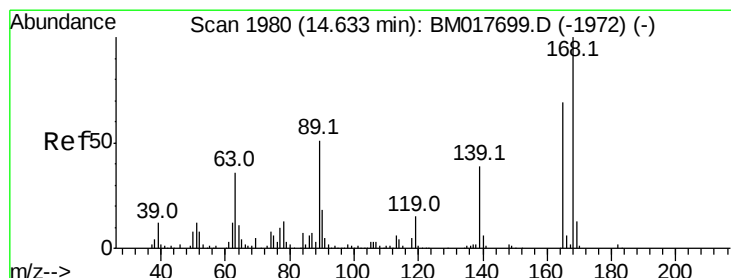
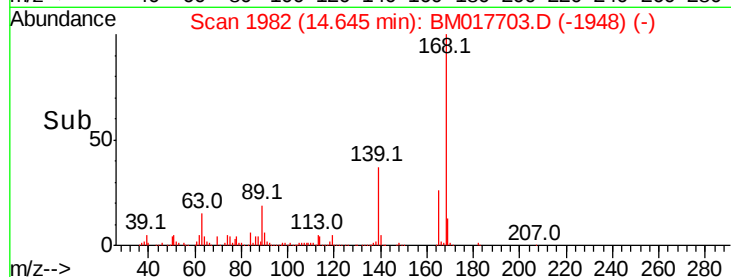
400000

200000

0

14.60 14.65 14.70

Time-->



#54

2,4-Dinitrotoluene

Concen: 52.244 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BM017703.D

Acq: 20 Nov 2018 14:11

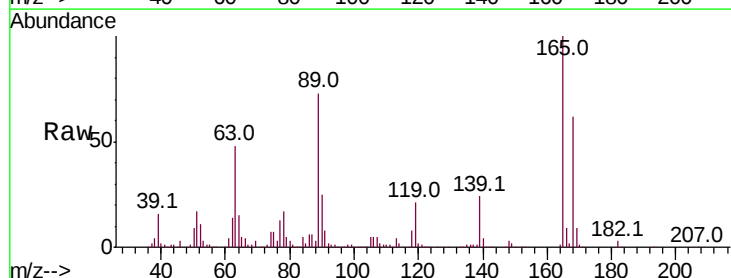
Tgt Ion:165 Resp: 698602

Ion Ratio Lower Upper

165 100

63 48.5 41.8 62.8

182 3.0 2.2 3.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

600000

500000

400000

300000

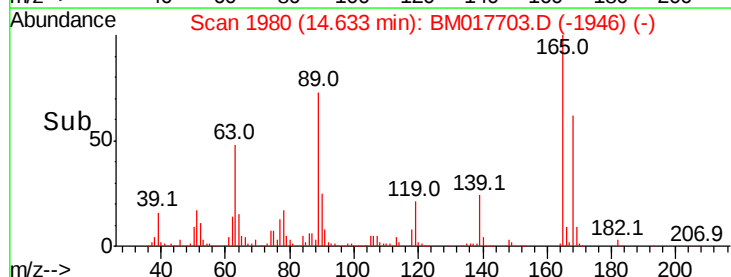
200000

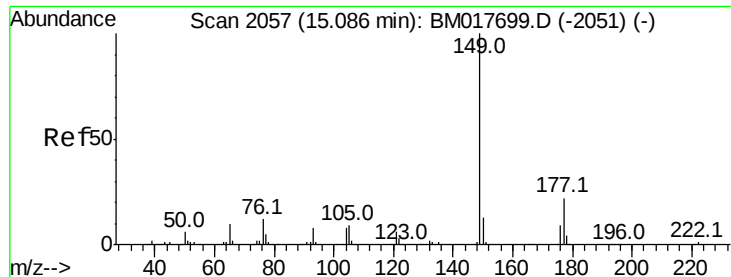
100000

0

14.55 14.60 14.65 14.70

Time-->

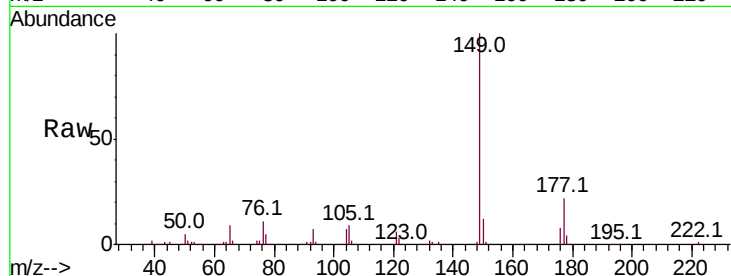




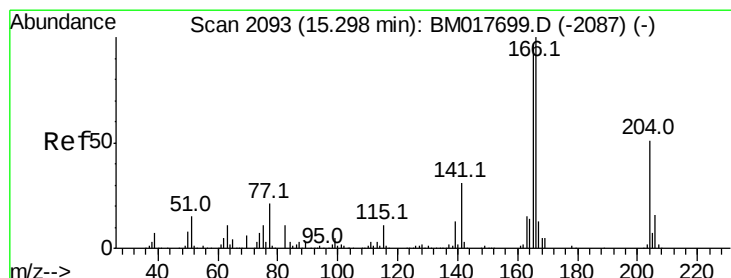
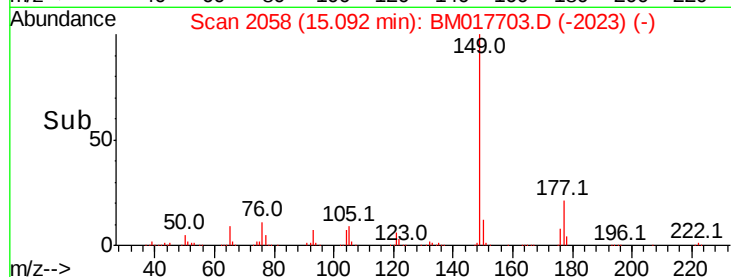
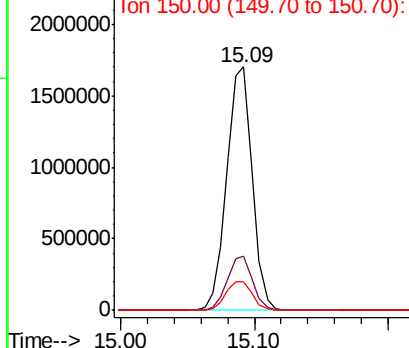
#56
Diethylphthalate
Concen: 49.414 ng/ul
RT: 15.09 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BM017703.D
Acq: 20 Nov 2018 14:11

Instrument :
BNA_M
ClientSampled :
A40T1

Tot Ion:149 Resp: 2287870
Ion Ratio Lower Upper
149 100
177 22.2 17.0 25.6
150 11.8 10.0 15.0

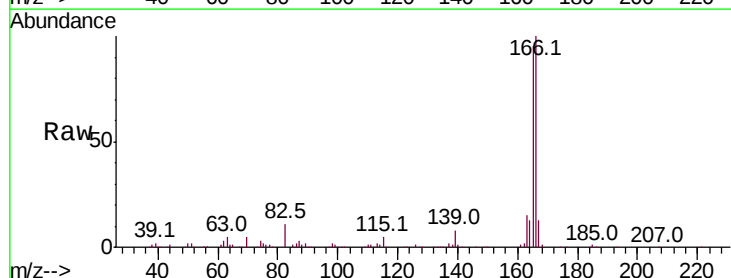


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

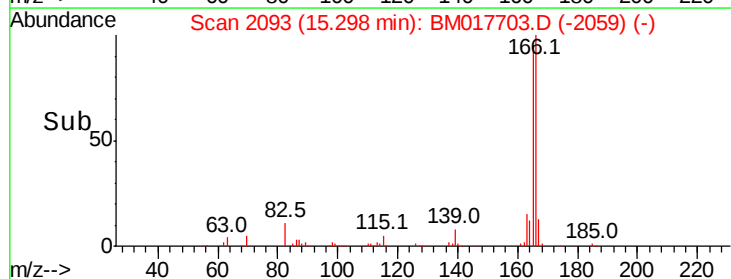
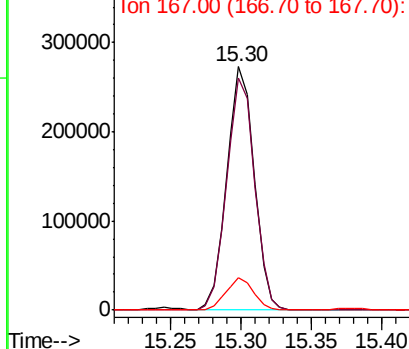


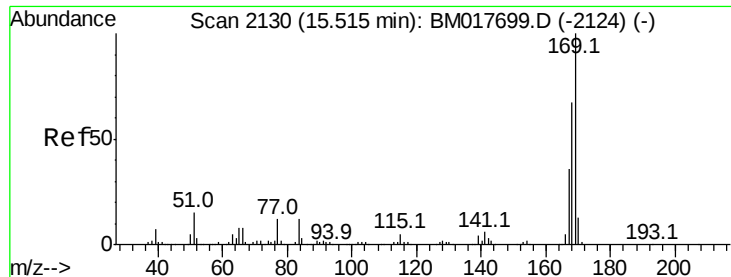
#58
Fluorene
Concen: 8.299 ng/ul
RT: 15.30 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BM017703.D
Acq: 20 Nov 2018 14:11

Tgt Ion:166 Resp: 370089
Ion Ratio Lower Upper
166 100
165 95.4 78.0 117.0
167 13.2 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





#64

N-Nitrosodiphenylamine

Concen: 52.135 ng/ul

RT: 15.52 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BM017703.D

Acq: 20 Nov 2018 14:11

Instrument :

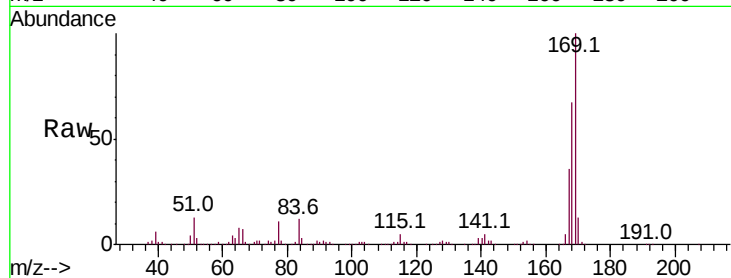
BNA_M

ClientSampleId :

A40T1

Tot Ion:169 Resp: 1992178

Ion	Ratio	Lower	Upper
169	100		
168	66.7	51.1	76.7
167	36.0	27.8	41.8

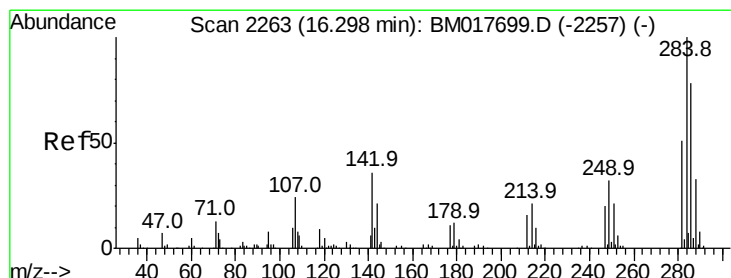
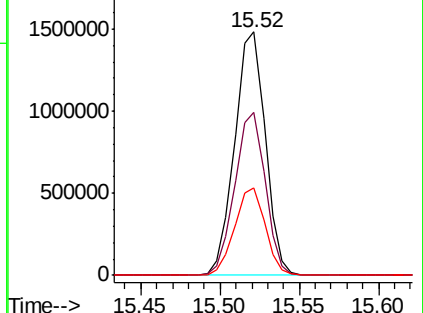
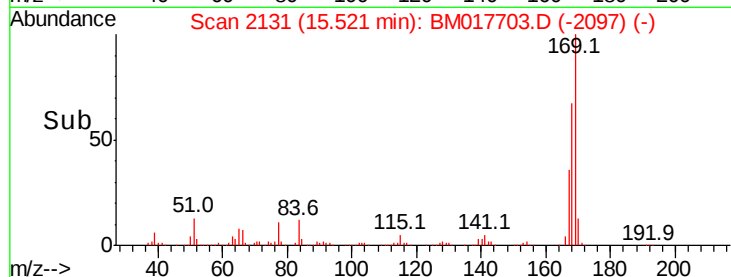


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

Hexachlorobenzene

Concen: 41.612 ng/ul

RT: 16.30 min Scan# 2264

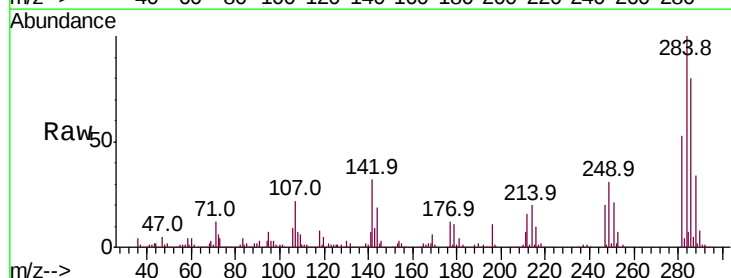
Delta R.T. 0.00 min

Lab File: BM017703.D

Acq: 20 Nov 2018 14:11

Tgt Ion:284 Resp: 655980

Ion	Ratio	Lower	Upper
284	100		
142	32.1	26.2	39.4
249	31.1	24.0	36.0

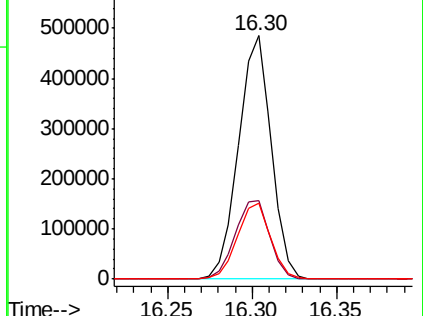
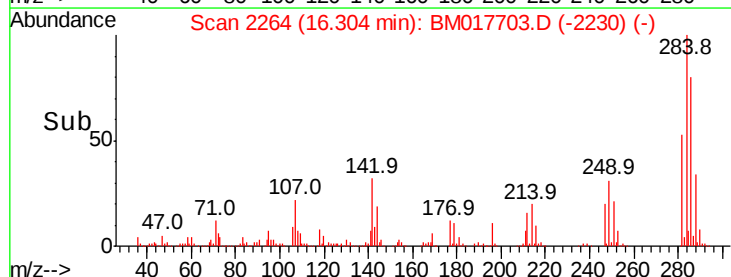


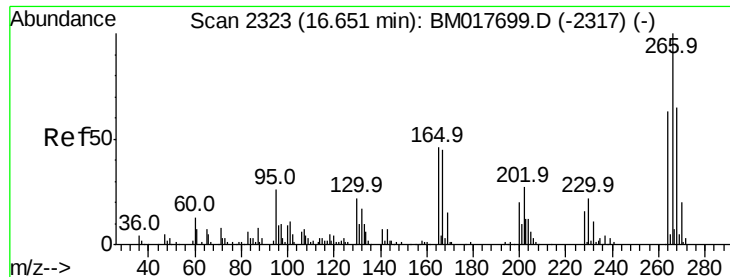
Abundance

Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

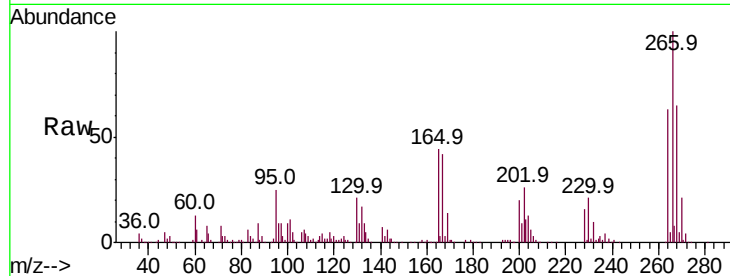




#68
 Pentachlorophenol
 Concen: 44.624 ng/ul
 RT: 16.65 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BM017703.D
 Acq: 20 Nov 2018 14:11

Instrument :
 BNA_M
 ClientSampleId :
 A40T1

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.2	75.2
268	65.0	49.8	74.8

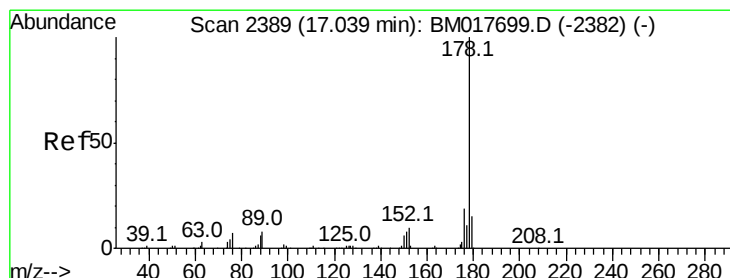
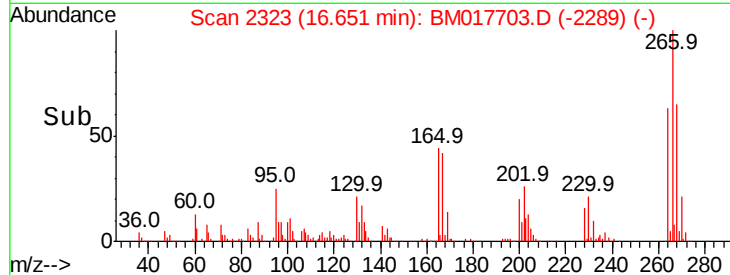
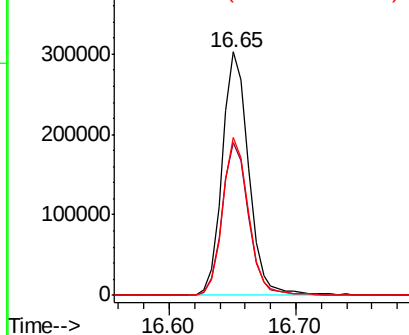


Abundance

Ion 265.70 (265.40 to 266.40): E

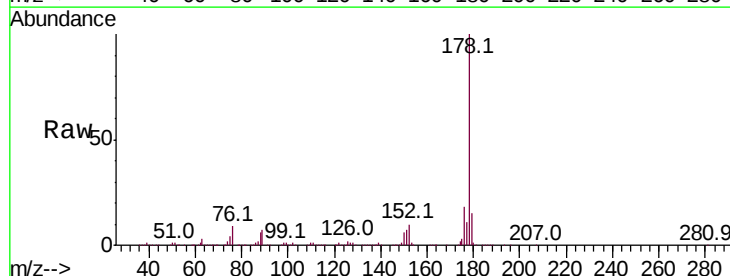
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69
 Phenanthrene
 Concen: 33.070 ng/ul
 RT: 17.04 min Scan# 2390
 Delta R.T. 0.01 min
 Lab File: BM017703.D
 Acq: 20 Nov 2018 14:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	18.1	15.0	22.6

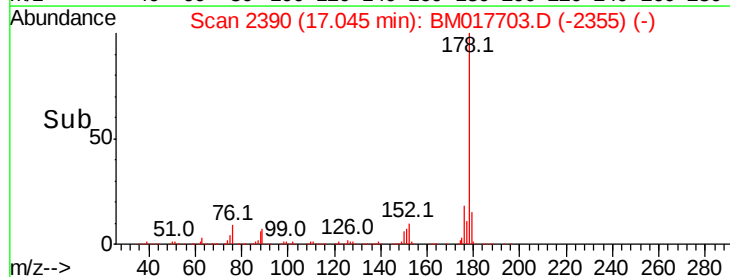
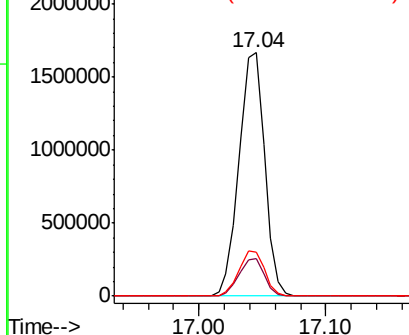


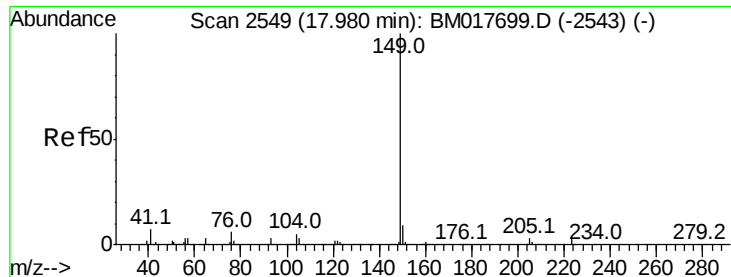
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Di-n-butylphthalate

Concen: 42.051 ng/ul

RT: 17.98 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BM017703.D

Acq: 20 Nov 2018 14:11

Instrument :

BNA_M

ClientSampleId :

A40T1

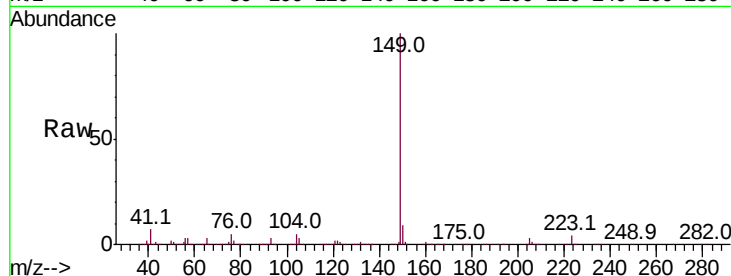
Tot Ion:149 Resp: 3398920

Ion Ratio Lower Upper

149 100

150 9.0 7.0 10.6

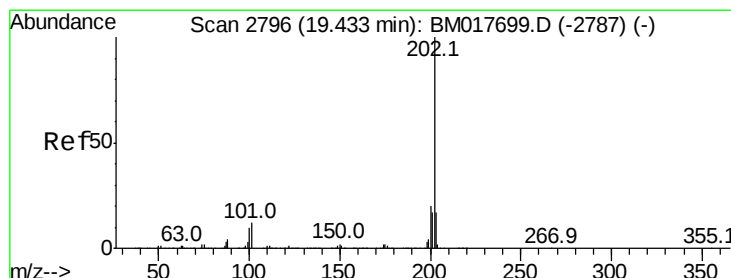
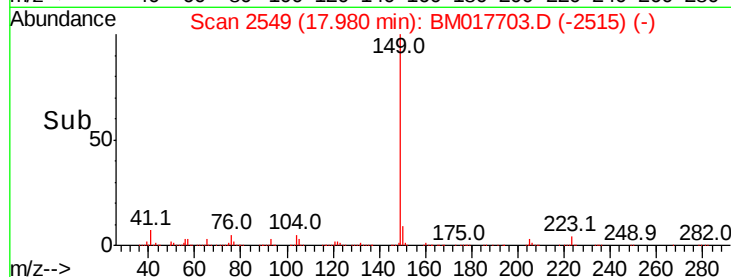
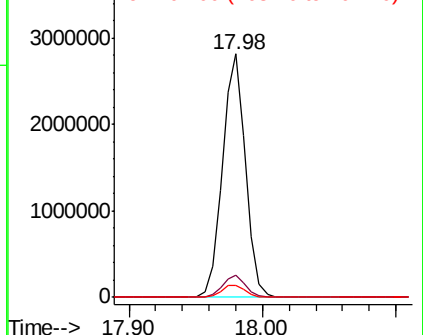
104 5.0 4.2 6.4



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



#79

Pyrene

Concen: 16.909 ng/ul

RT: 19.43 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BM017703.D

Acq: 20 Nov 2018 14:11

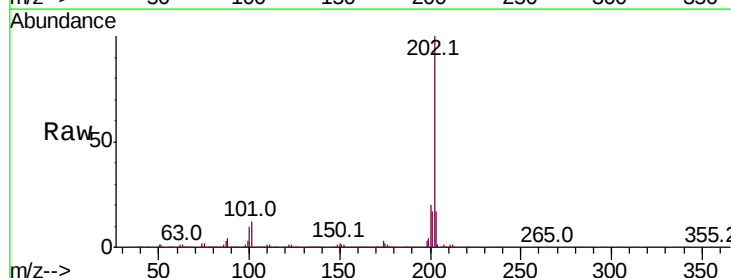
Tgt Ion:202 Resp: 1454086

Ion Ratio Lower Upper

202 100

101 12.5 9.6 14.4

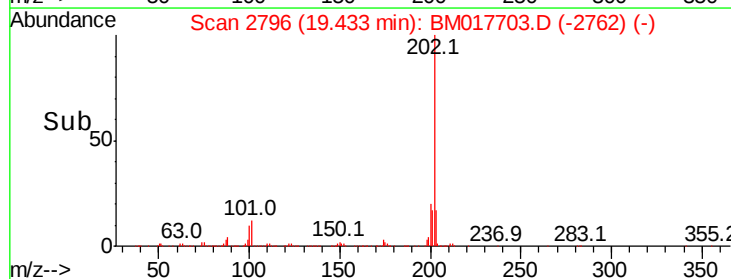
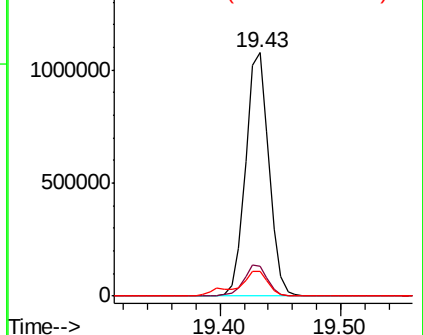
100 10.4 7.9 11.9

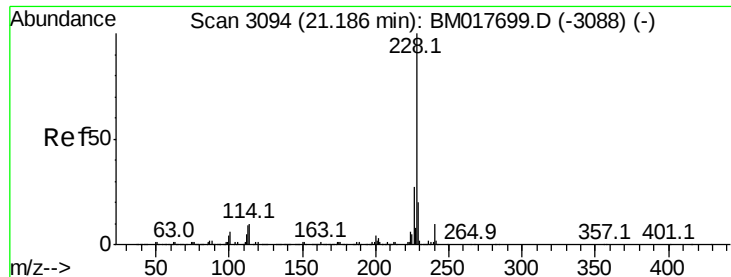


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#82

Benzo(a)anthracene

Concen: 40.819 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM017703.D

Acq: 20 Nov 2018 14:11

Instrument :

BNA_M

ClientSampleId :

A40T1

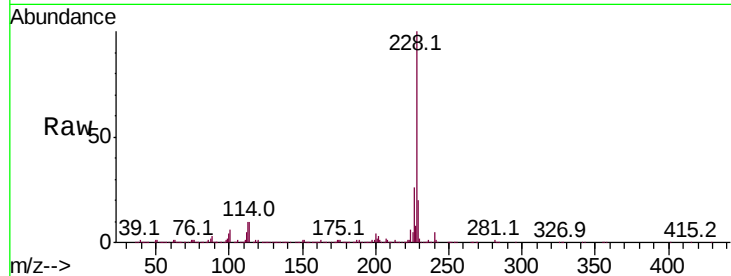
Tot Ion:228 Resp: 3586645

Ion Ratio Lower Upper

228 100

229 19.9 16.0 24.0

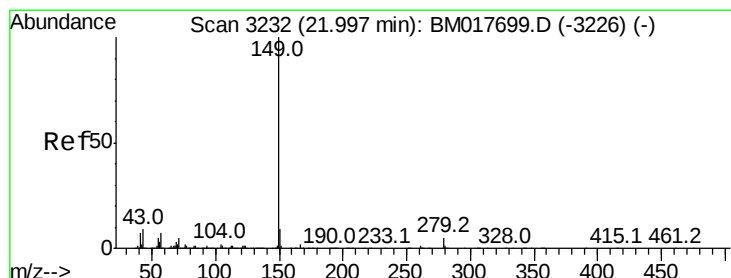
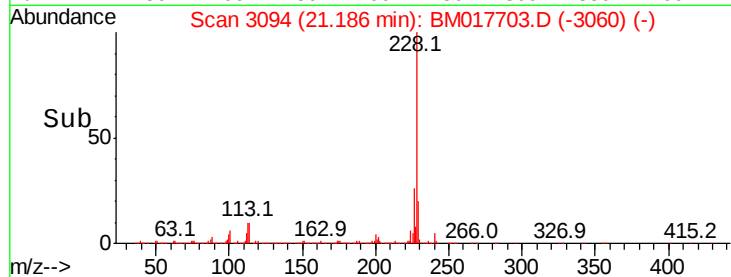
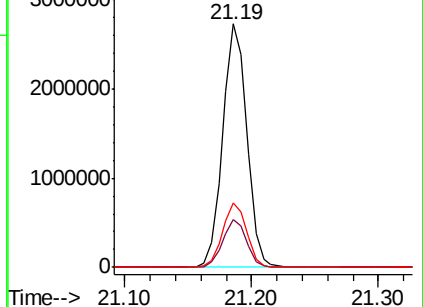
226 26.4 21.0 31.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#86

Di-n-octyl phthalate

Concen: 28.786 ng/ul

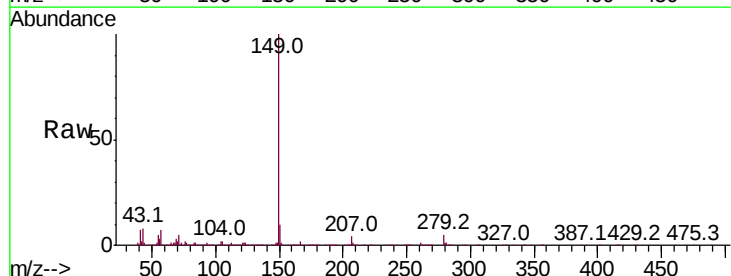
RT: 22.00 min Scan# 3232

Delta R.T. 0.00 min

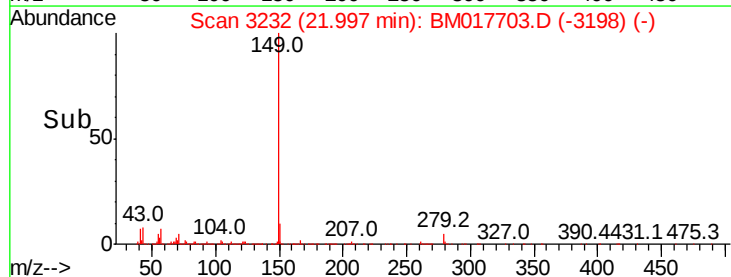
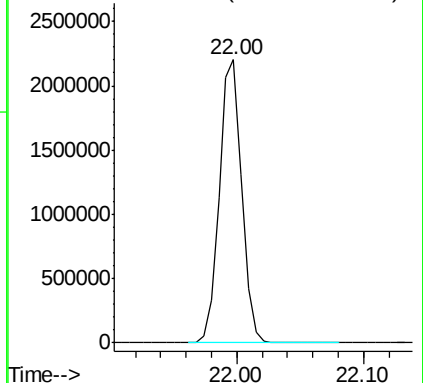
Lab File: BM017703.D

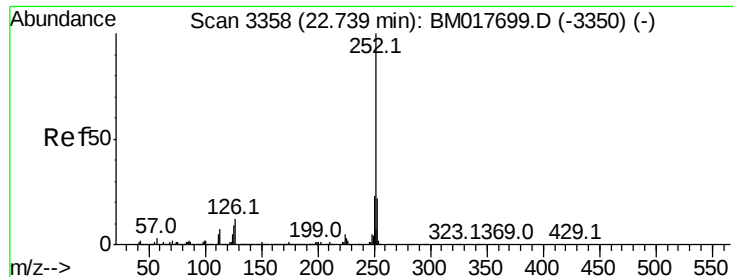
Acq: 20 Nov 2018 14:11

Tgt Ion:149 Resp: 2687714



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 33.725 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BM017703.D

Acq: 20 Nov 2018 14:11

Instrument :

BNA_M

ClientSampleId :

A40T1

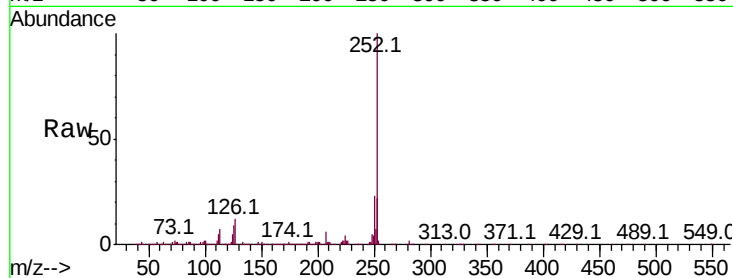
Tot Ion:252 Resp: 2794471

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

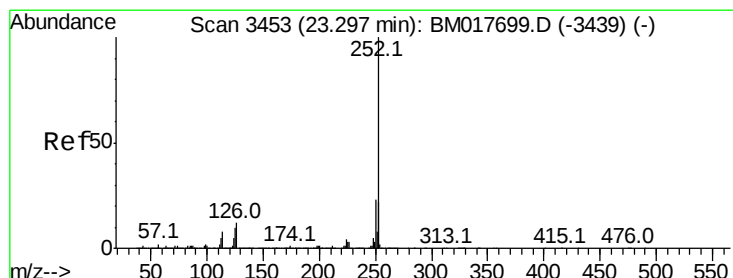
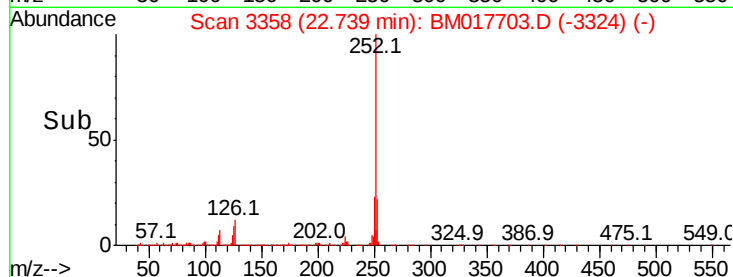
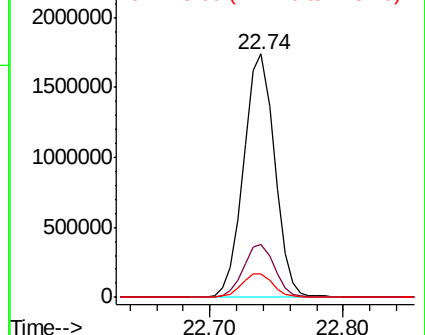
125 9.5 7.3 10.9



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



#90

Benzo(a)pyrene

Concen: 20.229 ng/ul

RT: 23.30 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BM017703.D

Acq: 20 Nov 2018 14:11

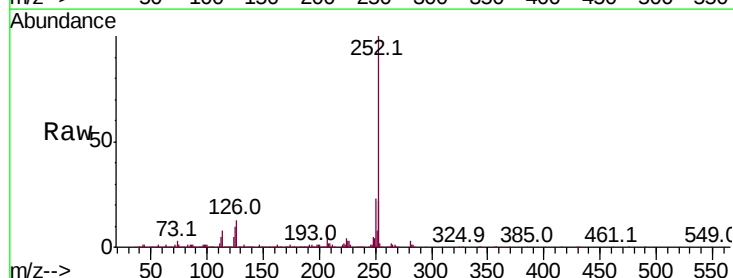
Tgt Ion:252 Resp: 1589578

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

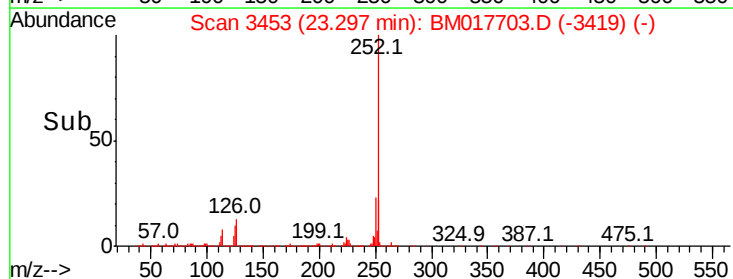
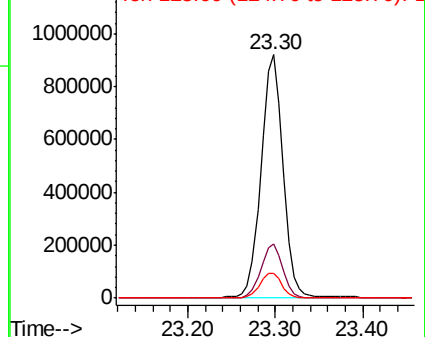
125 10.2 7.9 11.9

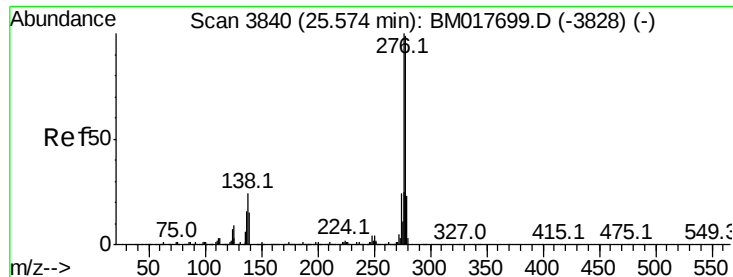


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Dibenzo(a,h)anthracene

Concen: 47.025 ng/ul

RT: 25.58 min Scan# 3841

Delta R.T. 0.00 min

Lab File: BM017703.D

Acq: 20 Nov 2018 14:11

Instrument :

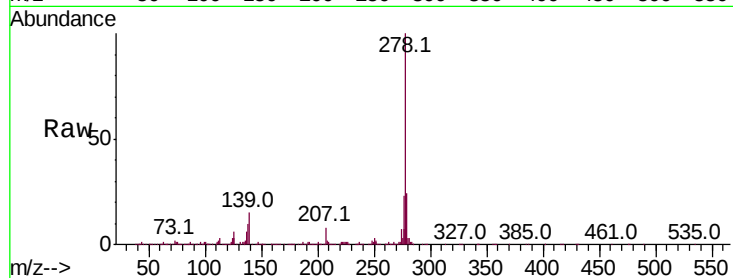
BNA_M

ClientSampleId :

A40T1

Tot Ion:278 Resp: 3305712

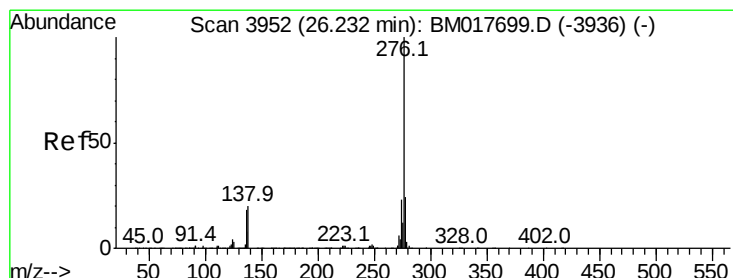
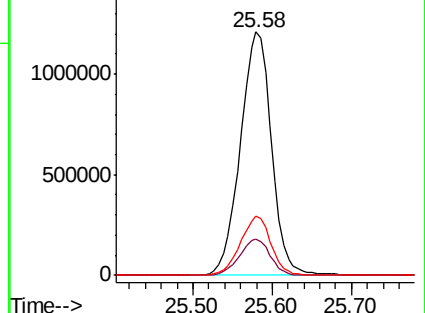
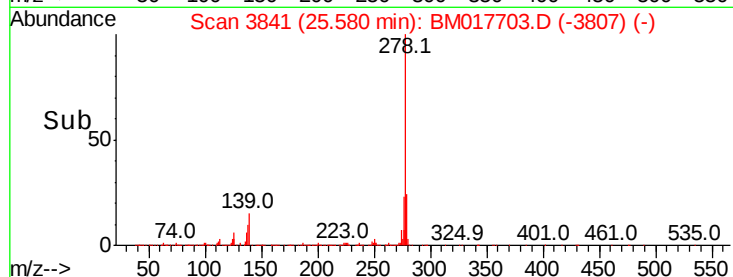
Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.5	17.3
279	24.2	18.9	28.3



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



#93

Benzo(g,h,i)perylene

Concen: 24.300 ng/ul

RT: 26.23 min Scan# 3951

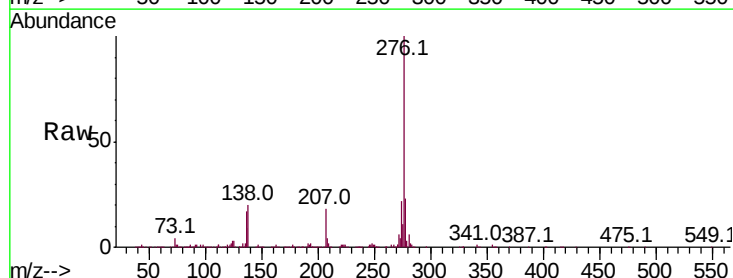
Delta R.T. 0.00 min

Lab File: BM017703.D

Acq: 20 Nov 2018 14:11

Tgt Ion:276 Resp: 1635201

Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.8	23.6
277	23.4	18.6	27.8



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

