

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062320\
 Data File : BG045837.D
 Acq On : 23 Jun 2020 12:55
 Operator : CG/JU
 Sample : L3033-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW010-200615

Quant Time: Jun 23 13:37:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

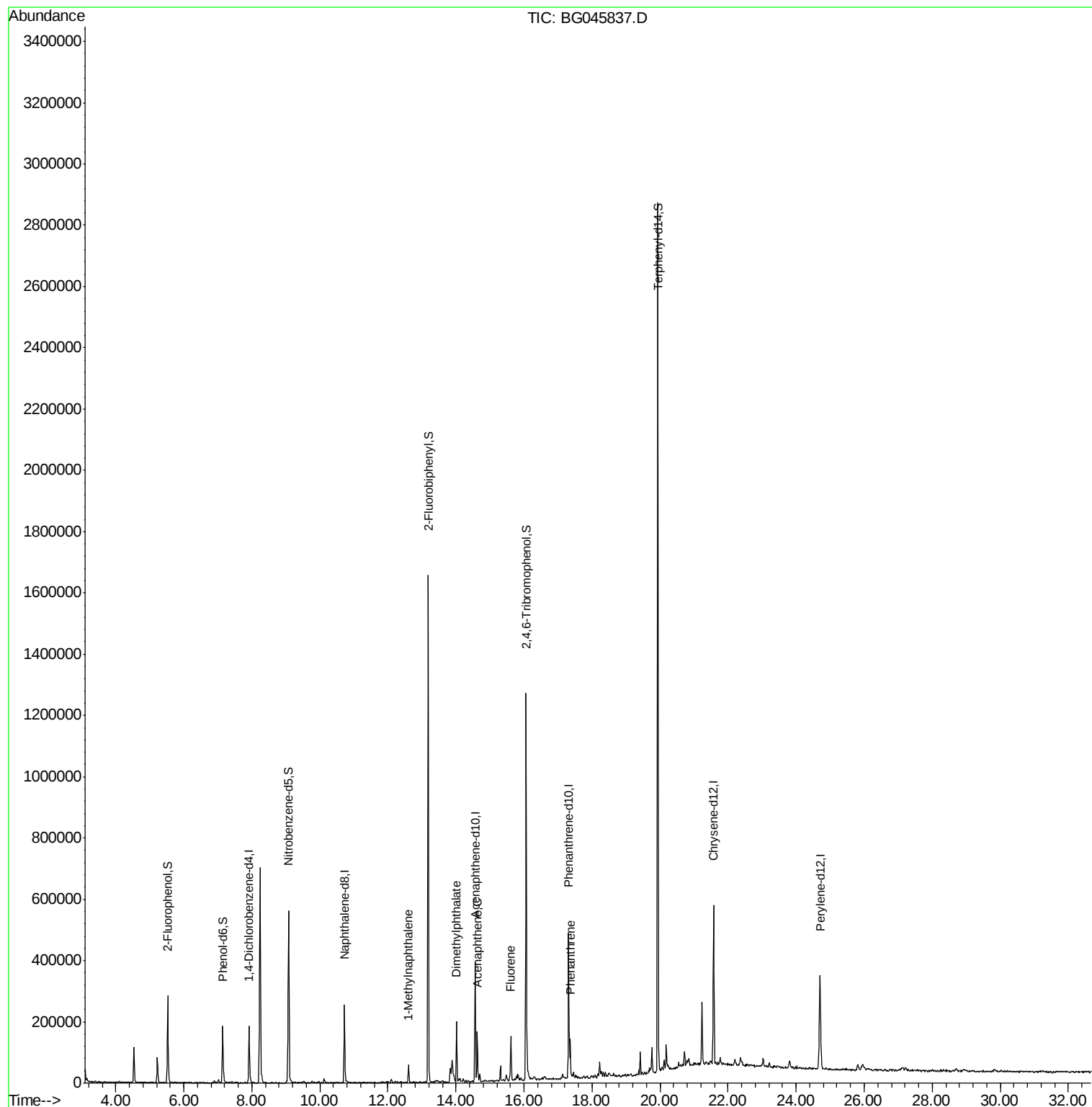
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	53997	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	213757	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	144402	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	318759	20.00	ng	0.00
76) Chrysene-d12	21.57	240	316676	20.00	ng	0.00
86) Perylene-d12	24.70	264	343752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	145245	45.44	ng	-0.01
7) Phenol-d6	7.14	99	129330	26.60	ng	-0.02
23) Nitrobenzene-d5	9.08	82	387813	82.88	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	269266	123.51	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	875860	89.14	ng	0.00
79) Terphenyl-d14	19.93	244	1385140	88.64	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	12.60	142	28974	3.518	ng	Qvalue # 98
50) Dimethylphthalate	14.02	163	126895	11.217	ng	98
52) Acenaphthene	14.63	154	62099	7.659	ng	96
58) Fluorene	15.62	166	61999	5.661	ng	93
71) Phenanthrene	17.36	178	80455	4.894	ng	94

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

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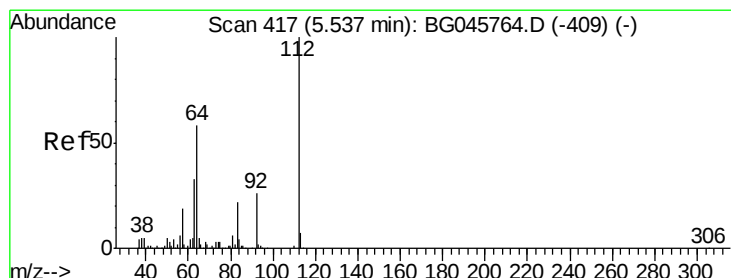
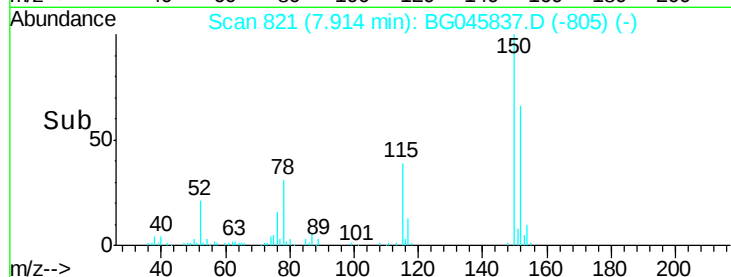
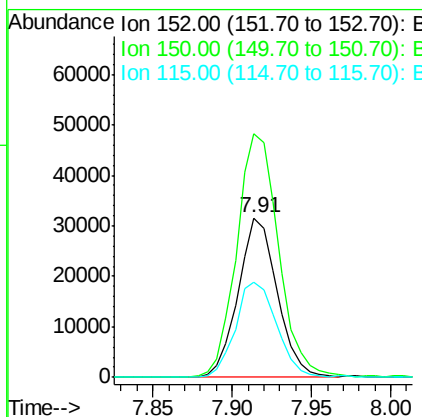
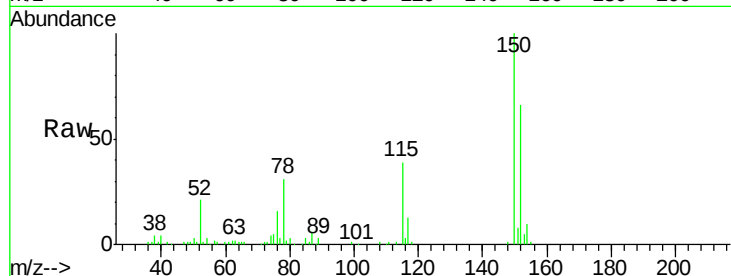


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG045837.D
Acq: 23 Jun 2020 12:55

Instrument :
BNA_G
ClientSampleId :
SS043MW010-200615

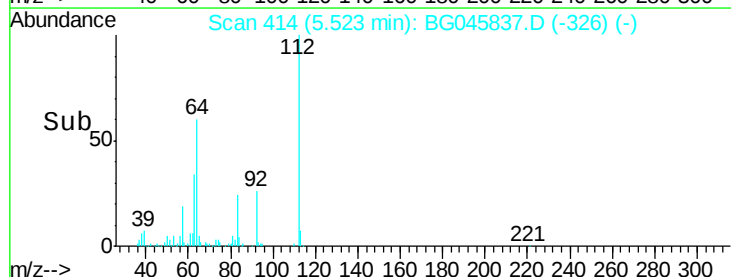
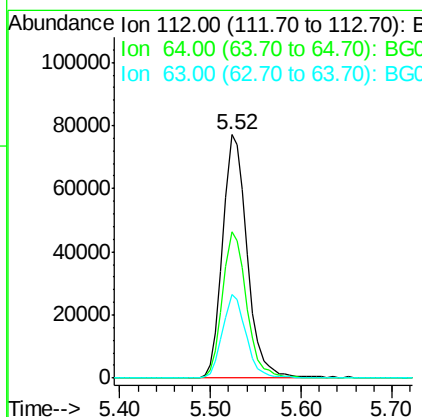
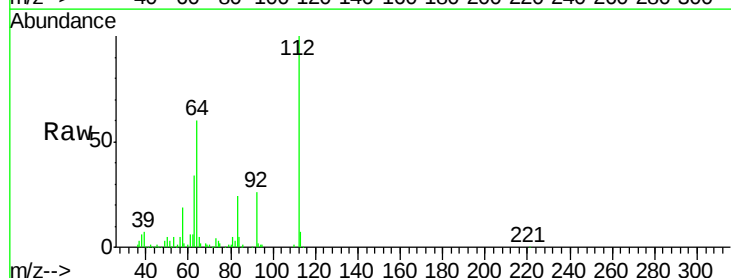
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	113.1	169.7
115	59.5	43.8	65.6

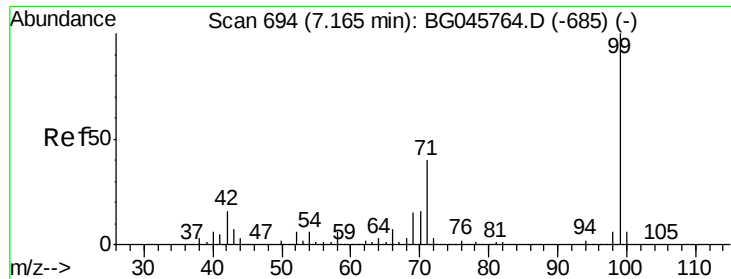


#5

2-Fluorophenol
Concen: 45.438 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.01 min
Lab File: BG045837.D
Acq: 23 Jun 2020 12:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	46.6	69.8
63	34.1	26.3	39.5





#7

Phenol-d6

Concen: 26.599 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.02 min

Lab File: BG045837.D

Acq: 23 Jun 2020 12:55

Instrument :

BNA_G

ClientSampleId :

SS043MW010-200615

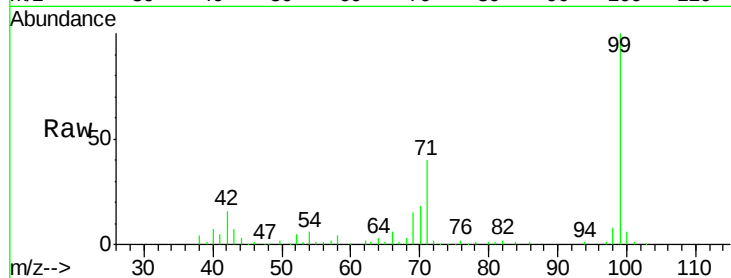
Tot Ion: 99 Resp: 129330

Ion Ratio Lower Upper

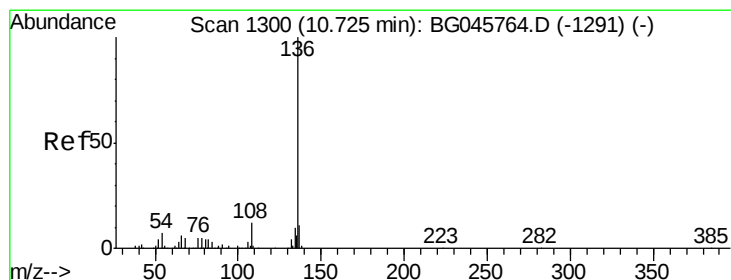
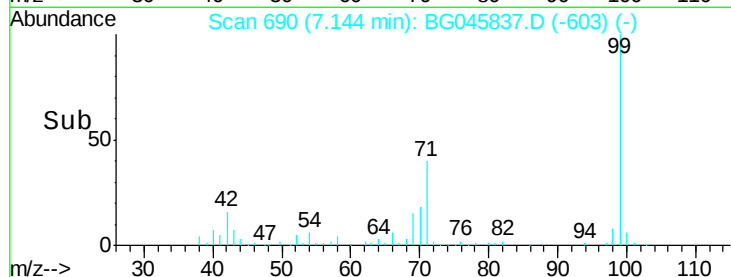
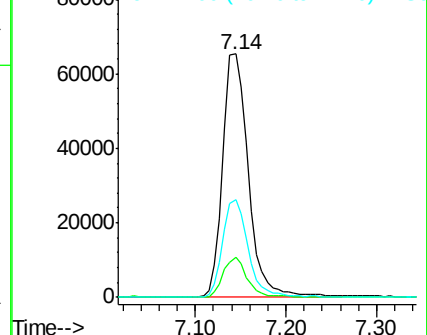
99 100

42 16.3 12.4 18.6

71 40.2 32.1 48.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG045837.D

Acq: 23 Jun 2020 12:55

Tgt Ion: 136 Resp: 213757

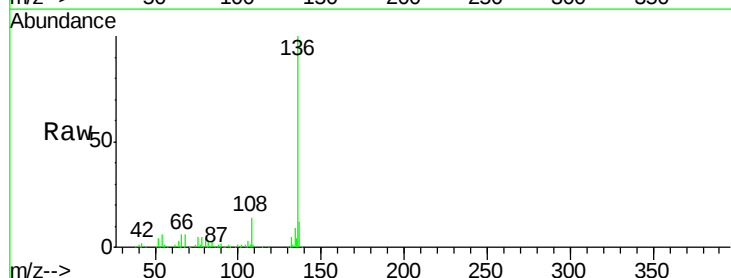
Ion Ratio Lower Upper

136 100

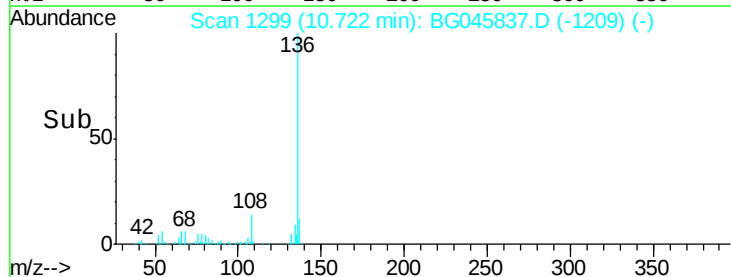
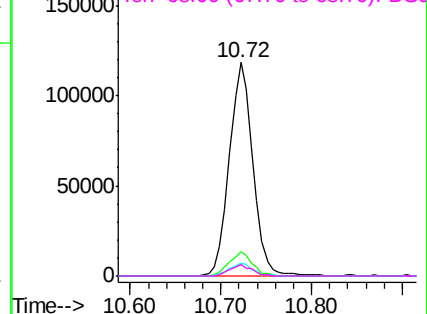
137 11.7 8.7 13.1

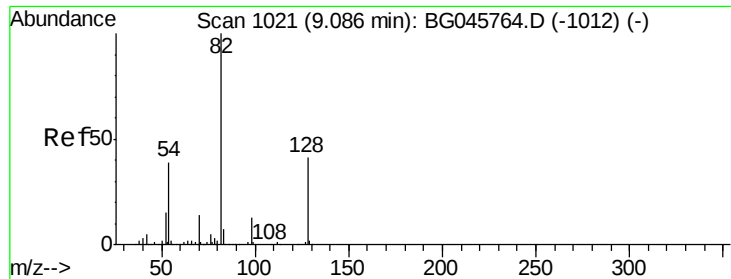
54 6.2 5.8 8.6

68 5.6 4.0 6.0



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

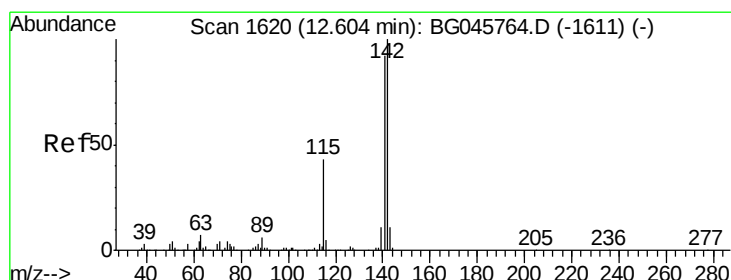
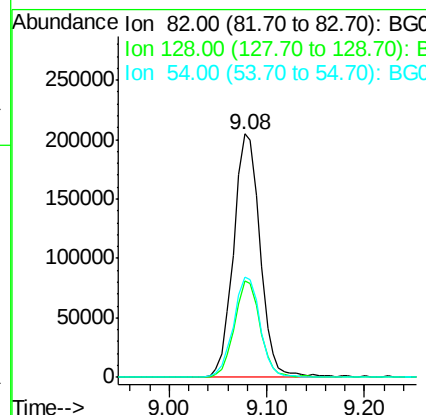
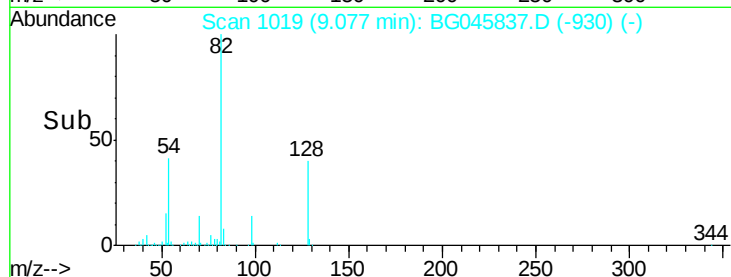
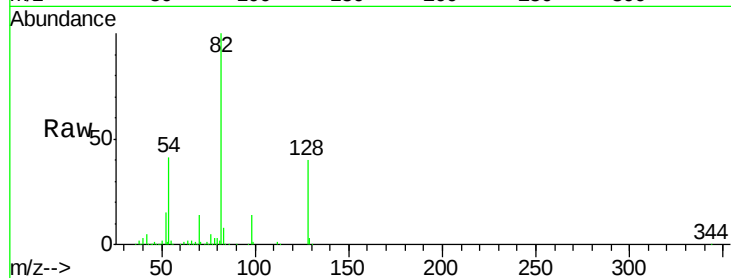




#23
Nitrobenzene-d5
Concen: 82.882 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG045837.D
Acq: 23 Jun 2020 12:55

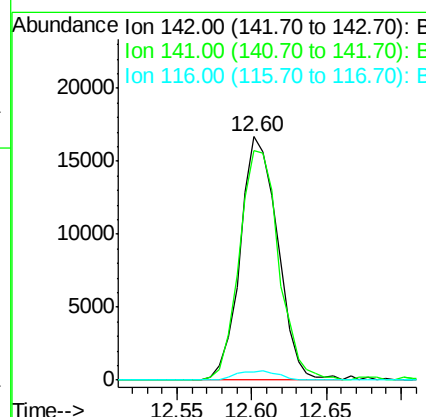
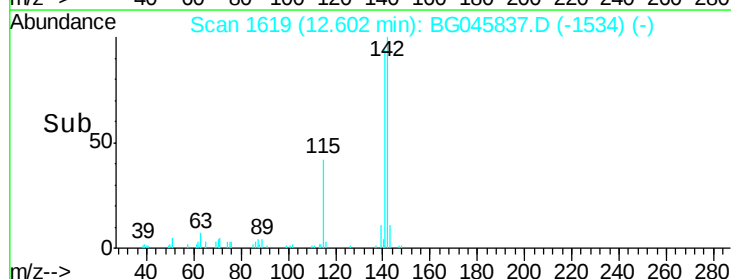
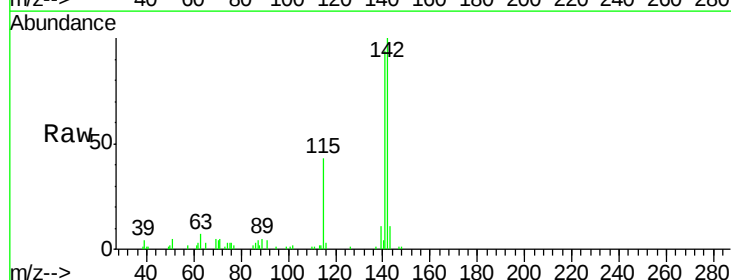
Instrument :
BNA_G
ClientSampleId :
SS043MW010-200615

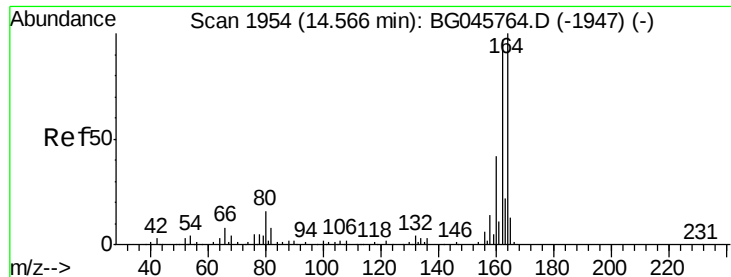
Tot Ion	82	Resp	387813
Ion Ratio	Lower	Upper	
82	100		
128	39.7	32.5	48.7
54	41.2	31.2	46.8



#38
1-Methylnaphthalene
Concen: 3.518 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BG045837.D
Acq: 23 Jun 2020 12:55

Tgt Ion	142	Resp	28974
Ion Ratio	Lower	Upper	
142	100		
141	94.5	73.8	110.8
116	3.1	3.8	5.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG045837.D

Acq: 23 Jun 2020 12:55

Instrument :

BNA_G

ClientSampleId :

SS043MW010-200615

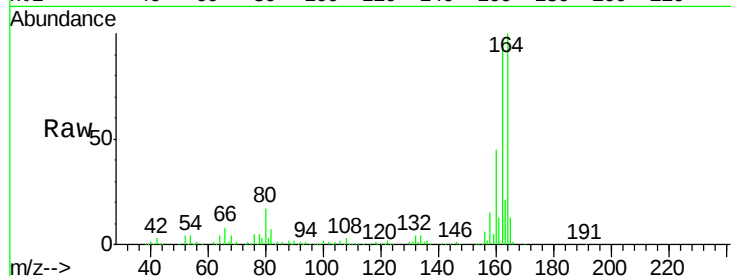
Tot Ion:164 Resp: 144402

Ion Ratio Lower Upper

164 100

162 96.8 77.4 116.0

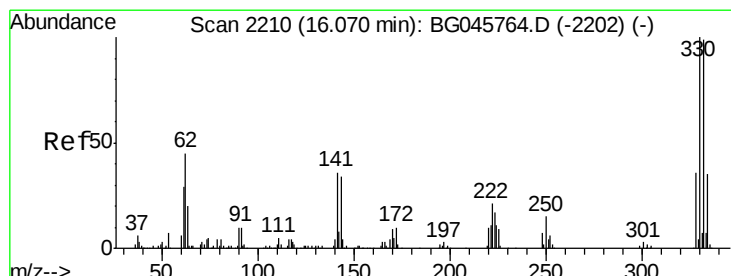
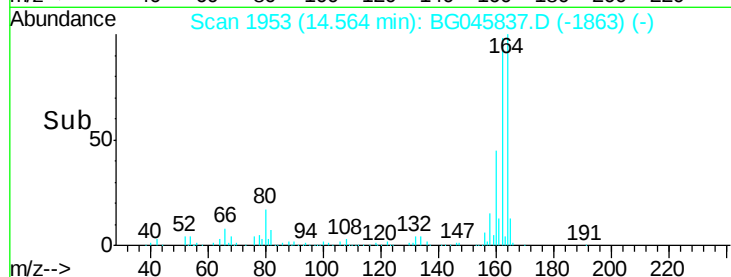
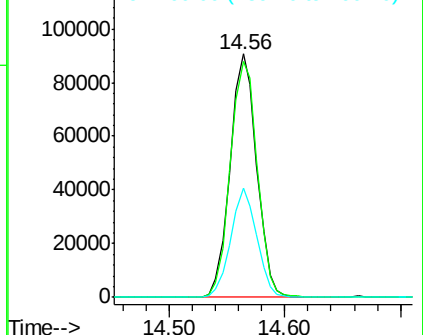
160 44.7 33.3 49.9



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



#42

2,4,6-Tribromophenol

Concen: 123.511 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG045837.D

Acq: 23 Jun 2020 12:55

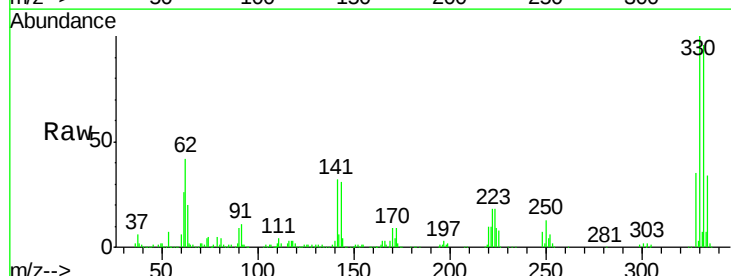
Tgt Ion:330 Resp: 269266

Ion Ratio Lower Upper

330 100

332 97.9 78.6 117.8

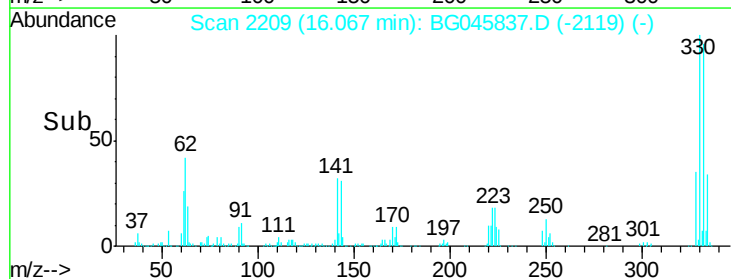
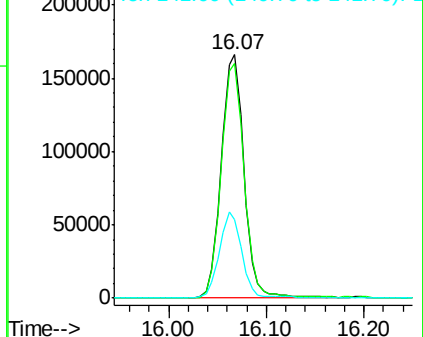
141 34.9 28.2 42.4

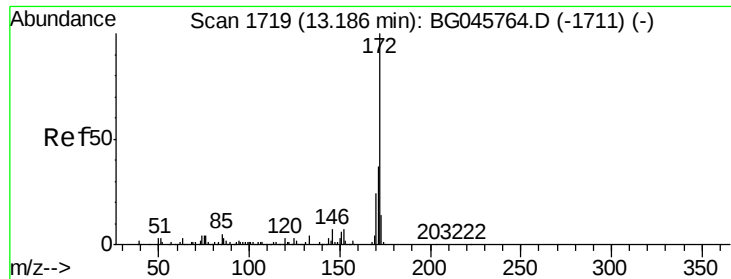


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

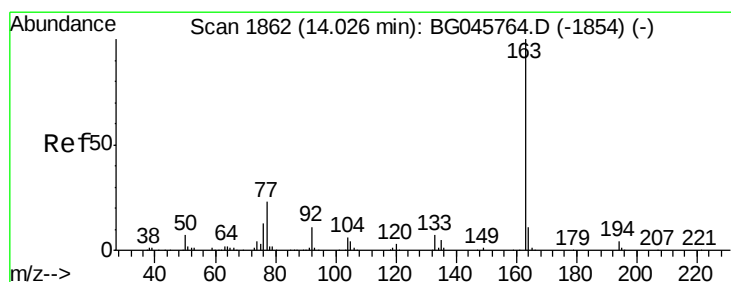
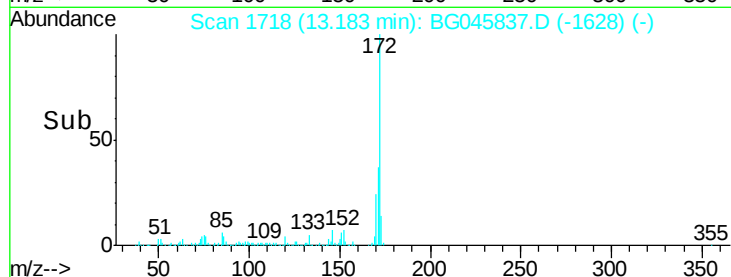
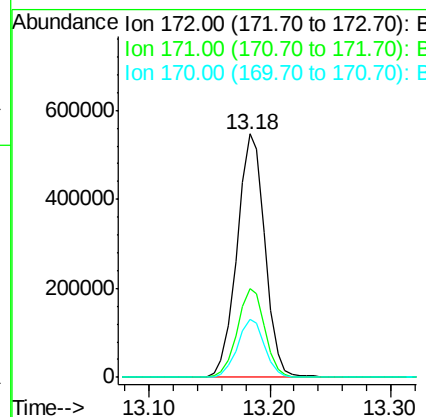
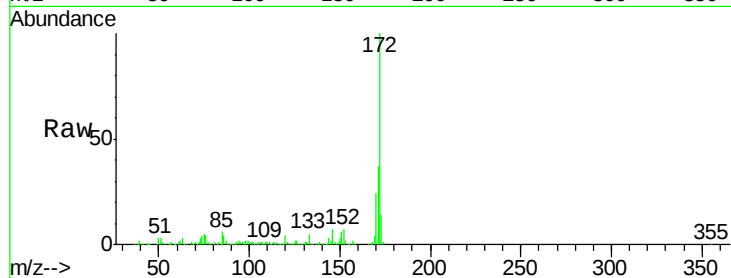




#45
2-Fluorobiphenyl
Concen: 89.135 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG045837.D
Acq: 23 Jun 2020 12:55

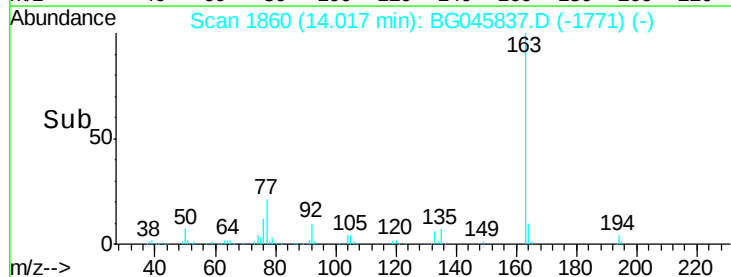
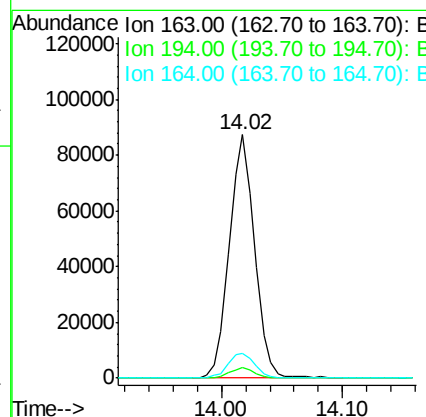
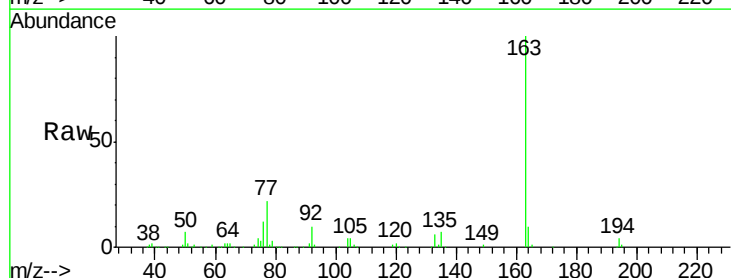
Instrument :
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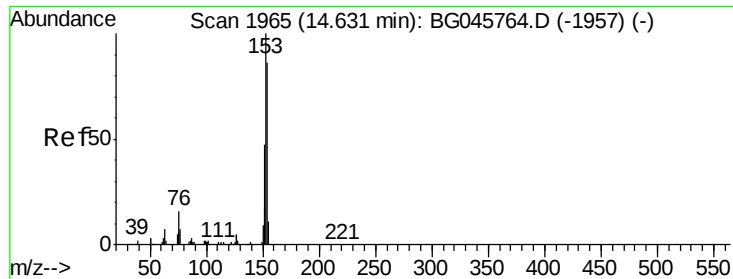
Tot Ion:172 Resp: 875860
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 24.1 19.3 28.9



#50
Dimethylphthalate
Concen: 11.217 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BG045837.D
Acq: 23 Jun 2020 12:55

Tgt Ion:163 Resp: 126895
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.3 8.9 13.3





#52

Acenaphthene

Concen: 7.659 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG045837.D

Acq: 23 Jun 2020 12:55

Instrument :

BNA_G

ClientSampleId :

SS043MW010-200615

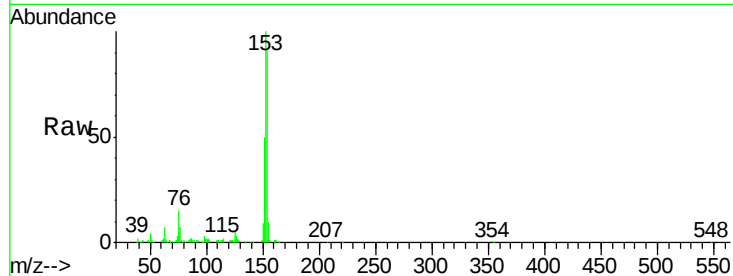
Tot Ion:154 Resp: 62099

Ion Ratio Lower Upper

154 100

153 110.3 93.0 139.4

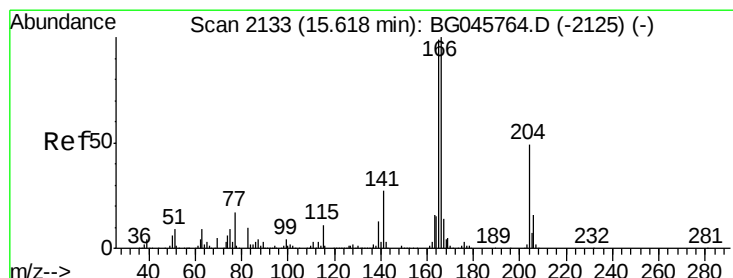
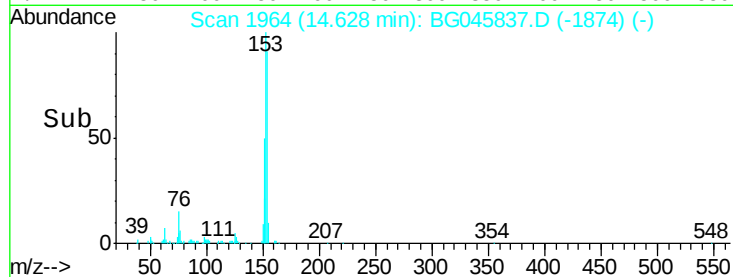
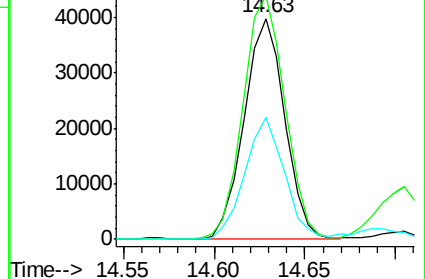
152 55.4 43.7 65.5



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



#58

Fluorene

Concen: 5.661 ng

RT: 15.62 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BG045837.D

Acq: 23 Jun 2020 12:55

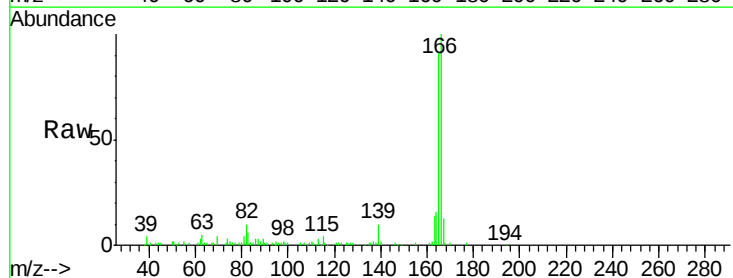
Tgt Ion:166 Resp: 61999

Ion Ratio Lower Upper

166 100

165 91.2 79.1 118.7

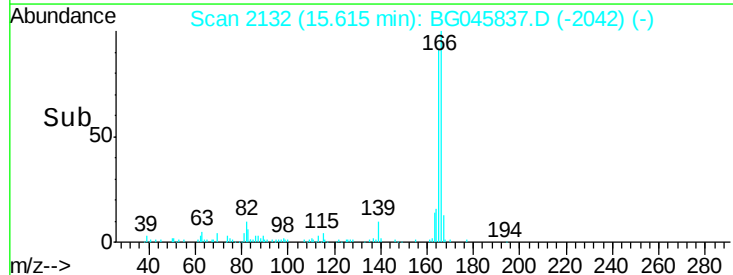
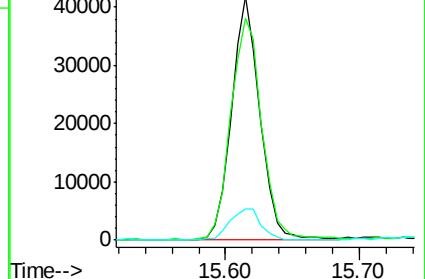
167 13.0 11.5 17.3

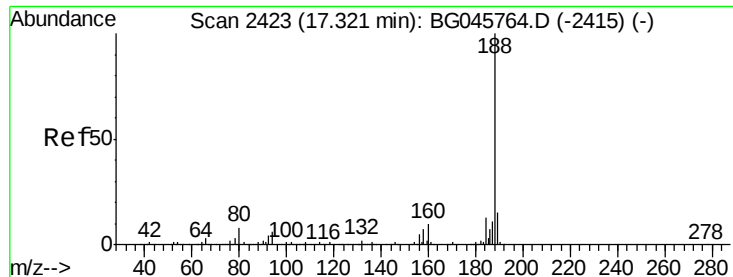


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

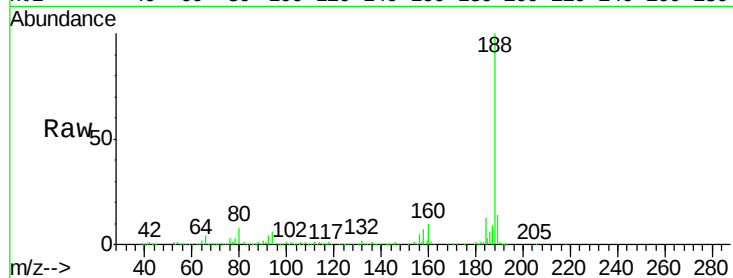




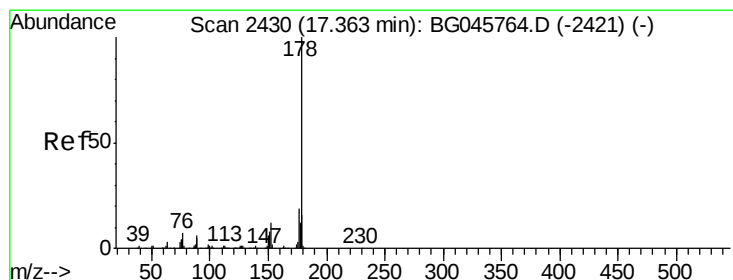
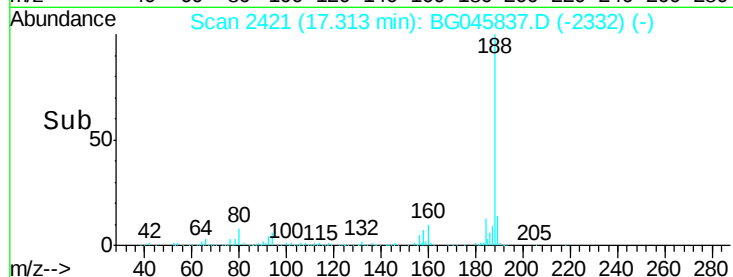
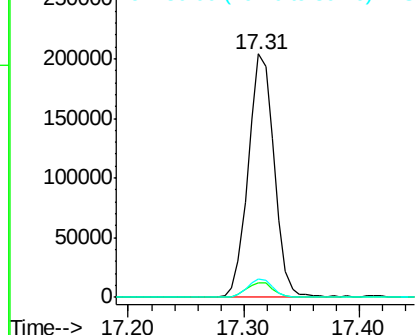
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BG045837.D
Acq: 23 Jun 2020 12:55

Instrument :
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SS043MW010-200615

Tot Ion:188 Resp: 318759
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 7.7 6.2 9.4

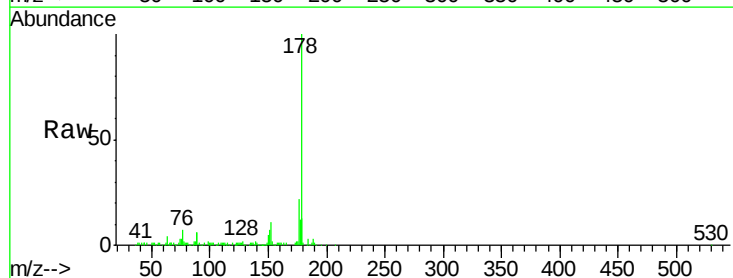


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

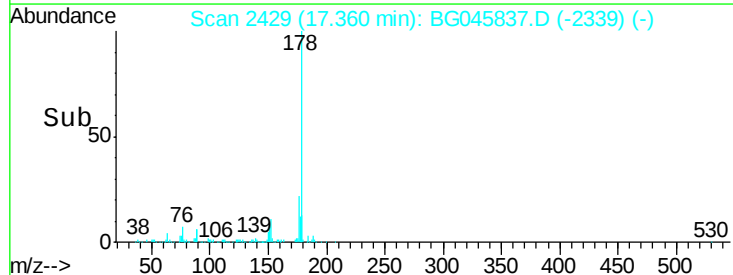
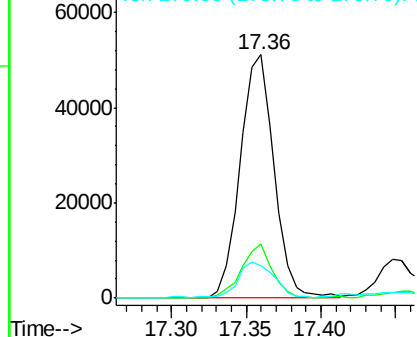


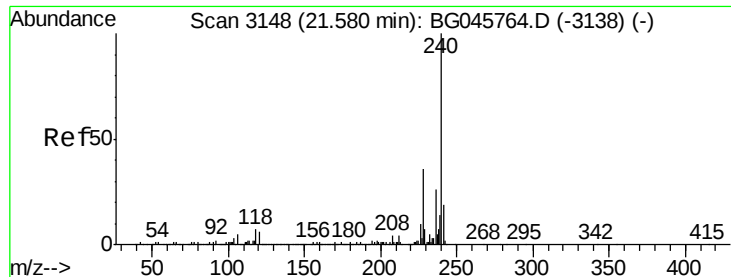
#71
Phenanthrene
Concen: 4.894 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG045837.D
Acq: 23 Jun 2020 12:55

Tgt Ion:178 Resp: 80455
Ion Ratio Lower Upper
178 100
176 22.0 15.5 23.3
179 13.5 13.2 19.8



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG045837.D

Acq: 23 Jun 2020 12:55

Instrument :

BNA_G

ClientSampleId :

SS043MW010-200615

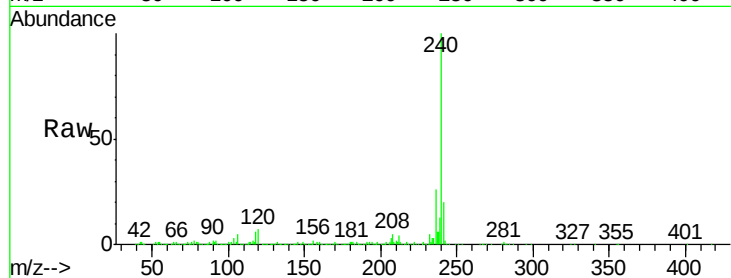
Tot Ion:240 Resp: 316676

Ion Ratio Lower Upper

240 100

120 6.8 5.0 7.4

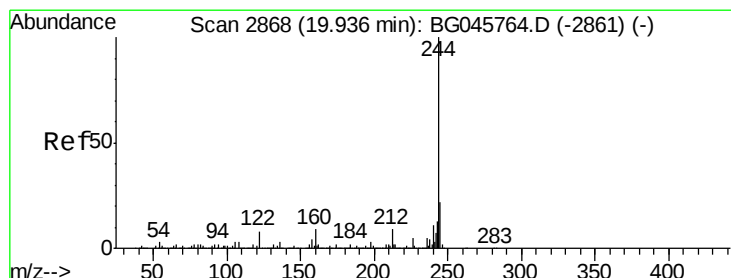
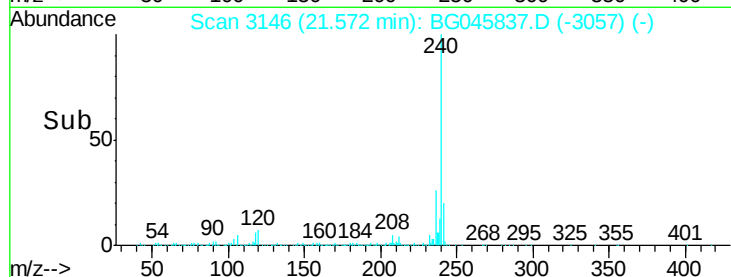
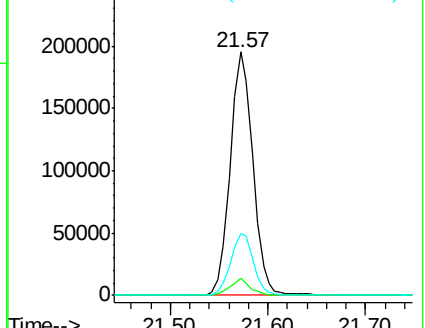
236 25.5 20.6 30.8



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



#79

Terphenyl-d14

Concen: 88.643 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045837.D

Acq: 23 Jun 2020 12:55

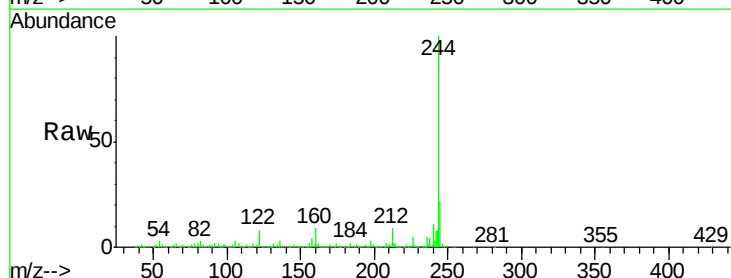
Tgt Ion:244 Resp: 1385140

Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

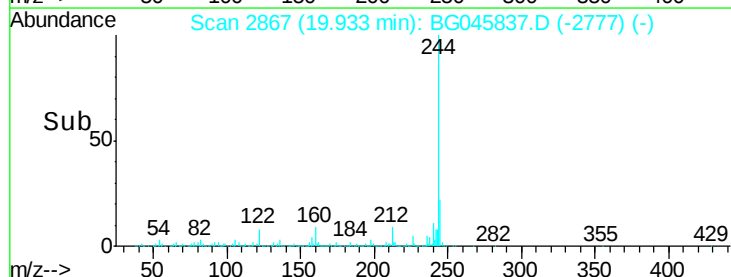
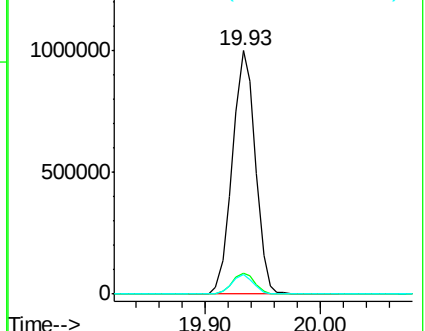
122 8.1 6.4 9.6

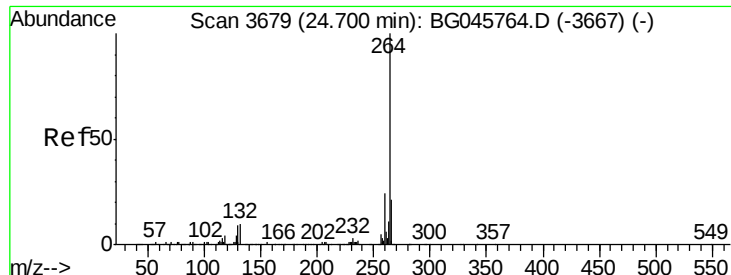


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG045837.D
Acq: 23 Jun 2020 12:55

Instrument :
BNA_G
ClientSampleId :
SS043MW010-200615

Tot Ion:	264	Resp:	343752
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	20.3	17.4	26.0

