

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043577.D
 Acq On : 8 Nov 2019 19:58
 Operator : JU
 Sample : K5742-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-18-(12-14)

Quant Time: Nov 11 06:15:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

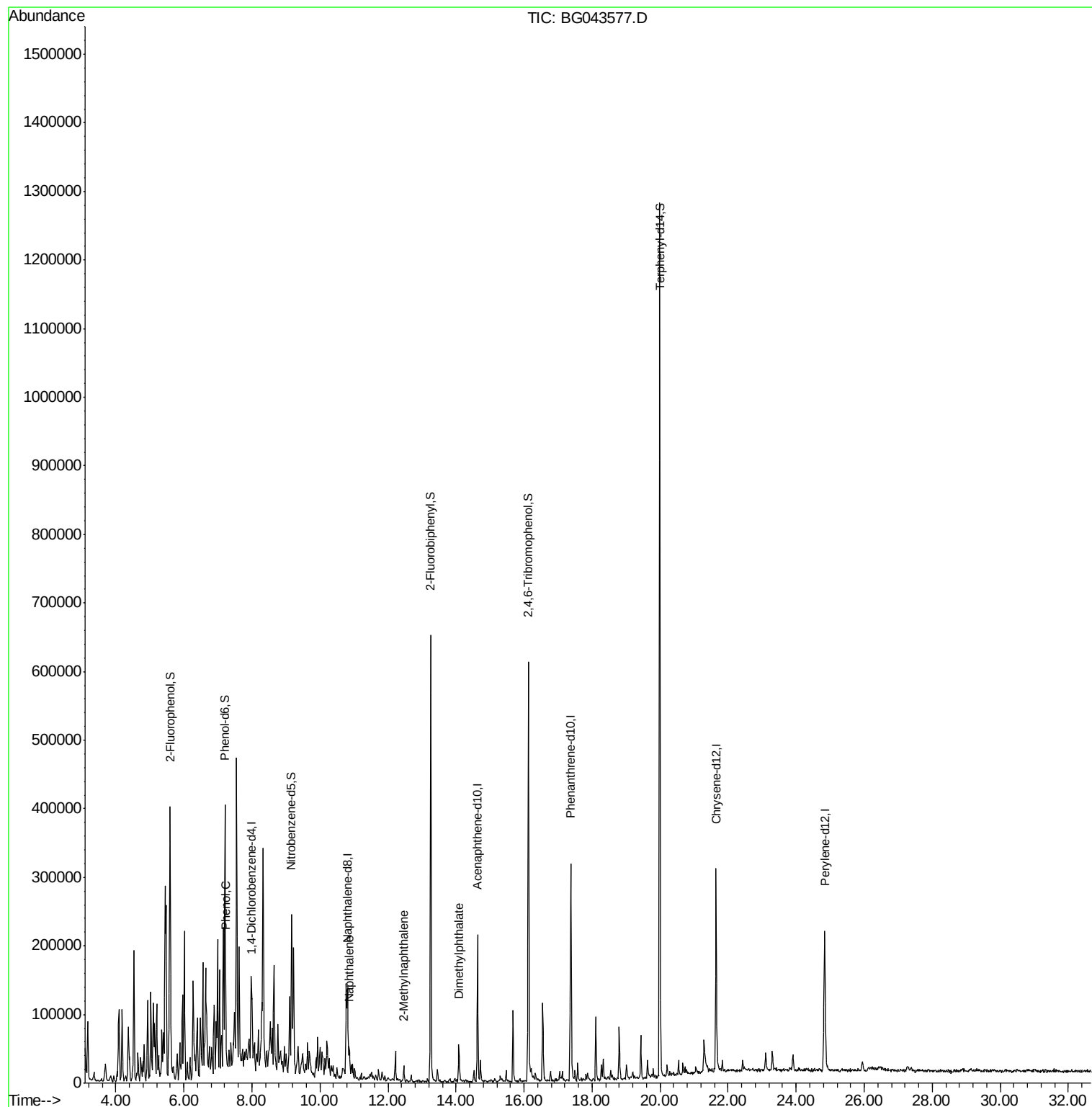
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29878	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	113094	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	84927	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	199540	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	199397	20.00	ng	-0.01
87) Perylene-d12	24.84	264	228727	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	167868	102.96	ng	0.01
7) Phenol-d6	7.20	99	238678	101.74	ng	0.00
23) Nitrobenzene-d5	9.17	82	143653	65.49	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	153847	95.19	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	369472	60.11	ng	-0.01
79) Terphenyl-d14	19.99	244	703738	66.21	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	9572	4.465	ng	74
31) Naphthalene	10.86	128	21111	3.677	ng	# 93
37) 2-Methylnaphthalene	12.47	142	13886	3.153	ng	# 89
50) Dimethylphthalate	14.08	163	42632	6.481	ng	# 94

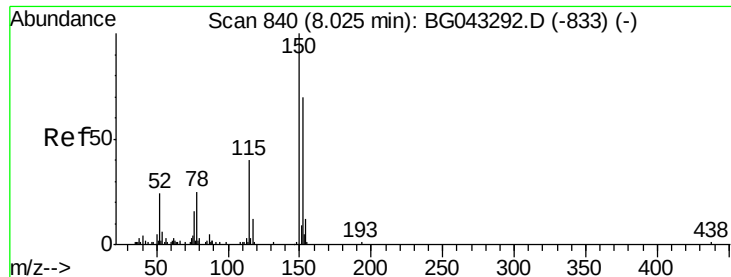
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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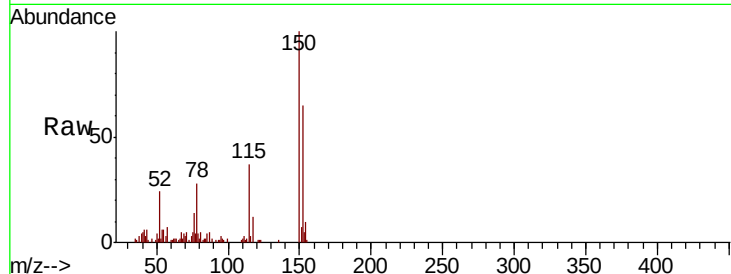


#1

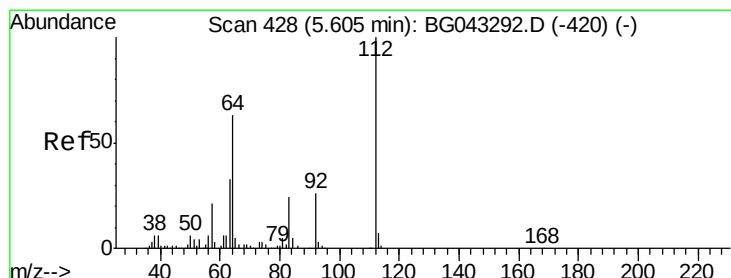
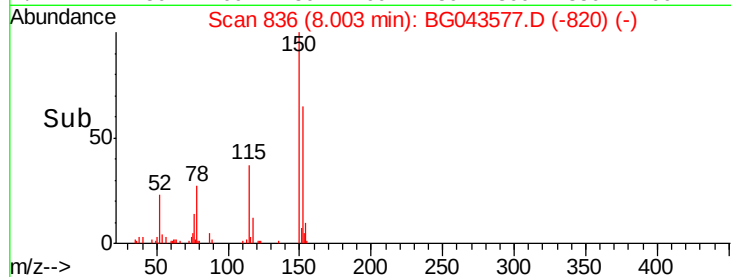
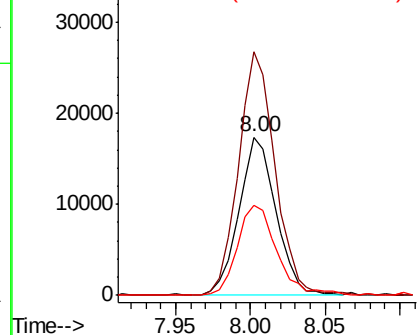
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043577.D
Acq: 8 Nov 2019 19:58

Instrument :
BNA_G
ClientSampleId :
SB-18-(12-14)

Tot Ion:152 Resp: 29878
Ion Ratio Lower Upper
152 100
150 154.2 129.4 194.0
115 57.4 48.8 73.2



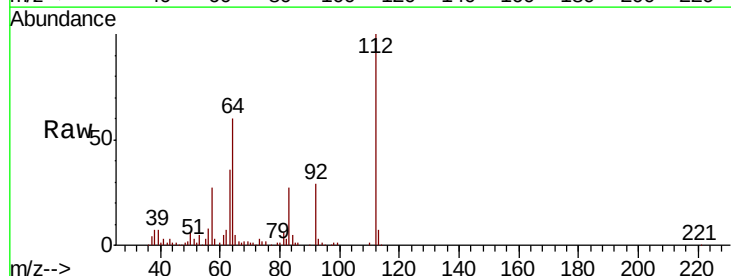
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



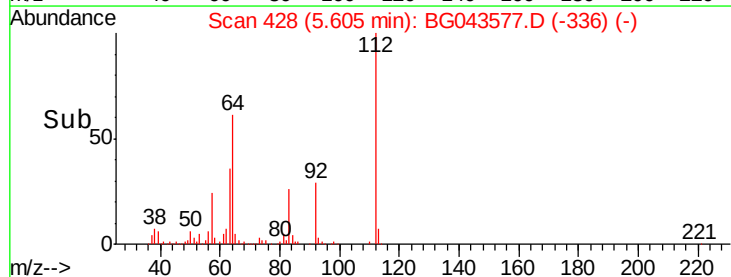
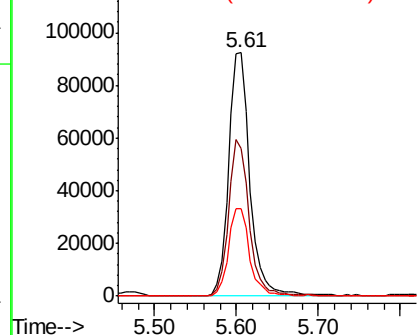
#5

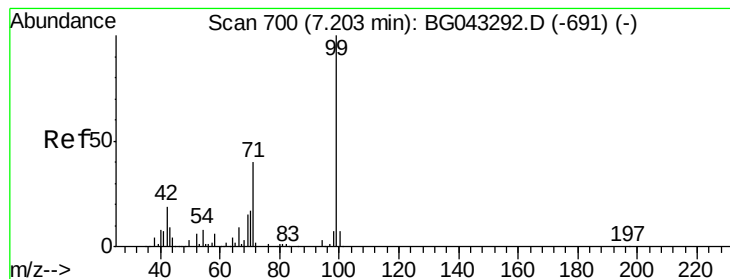
2-Fluorophenol
Concen: 102.955 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043577.D
Acq: 8 Nov 2019 19:58

Tgt Ion:112 Resp: 167868
Ion Ratio Lower Upper
112 100
64 60.5 50.0 75.0
63 35.9 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 101.743 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043577.D

Acq: 8 Nov 2019 19:58

Instrument :

BNA_G

ClientSampleId :

SB-18-(12-14)

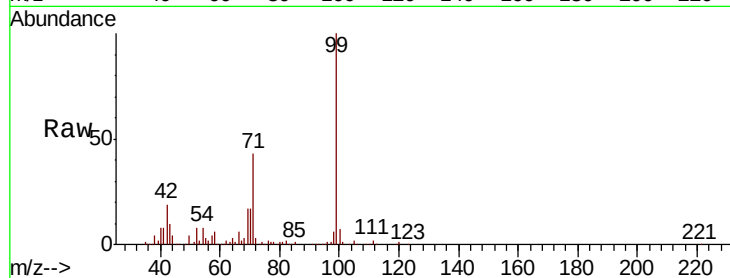
Tot Ion: 99 Resp: 238678

Ion Ratio Lower Upper

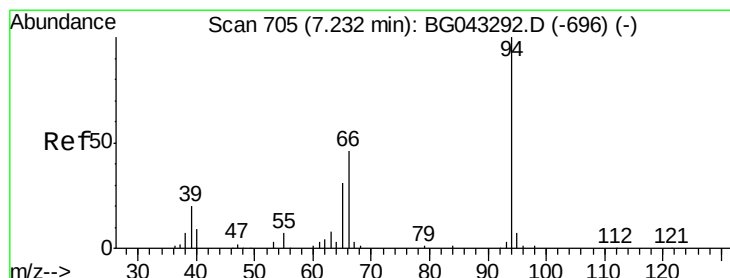
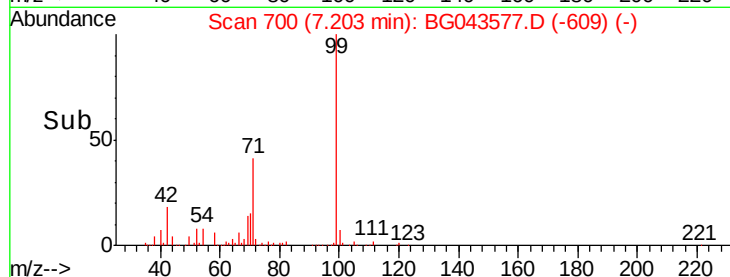
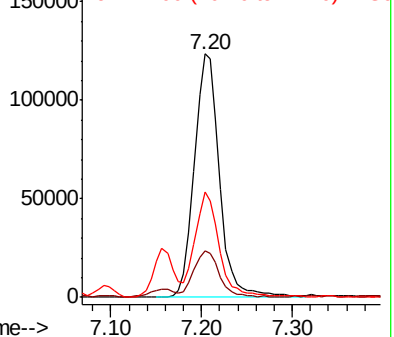
99 100

42 19.2 14.6 21.8

71 43.5 32.5 48.7



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



#10

Phenol

Concen: 4.465 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043577.D

Acq: 8 Nov 2019 19:58

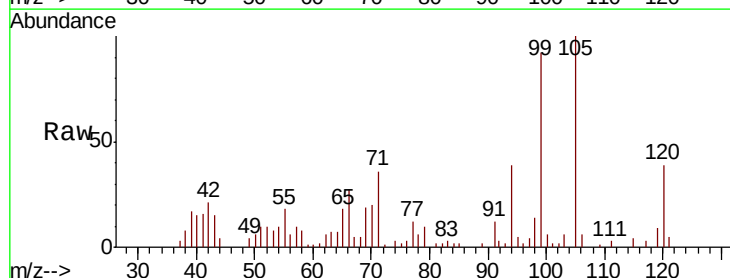
Tgt Ion: 94 Resp: 9572

Ion Ratio Lower Upper

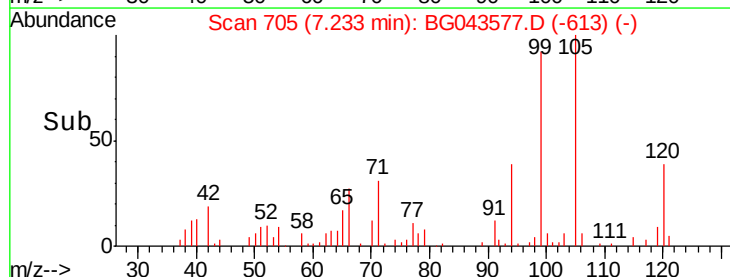
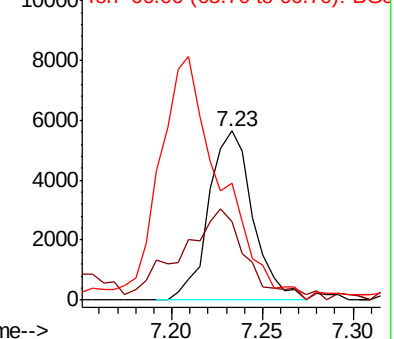
94 100

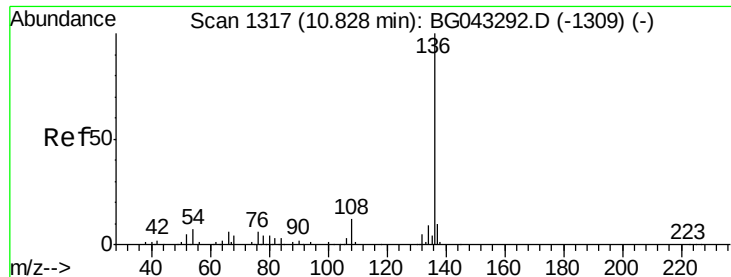
65 46.7 12.6 52.6

66 69.0 30.7 70.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

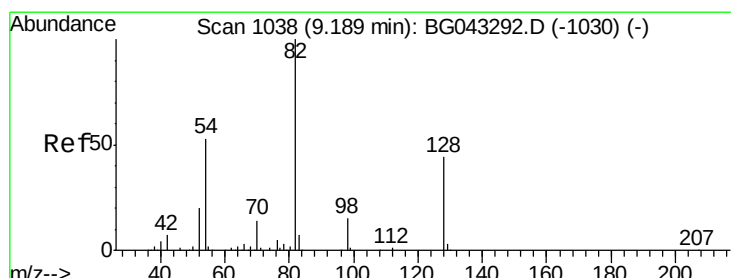
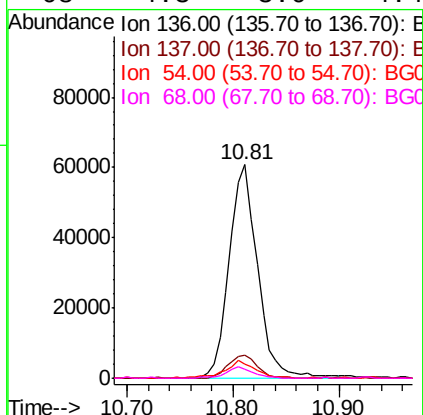
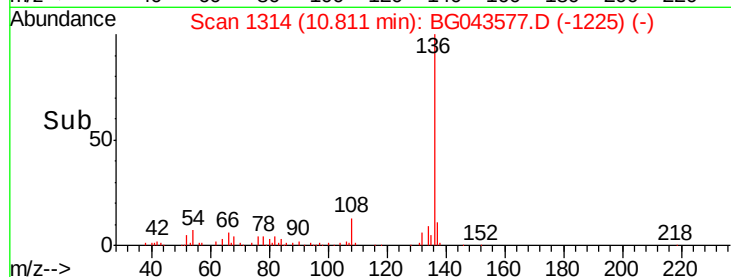
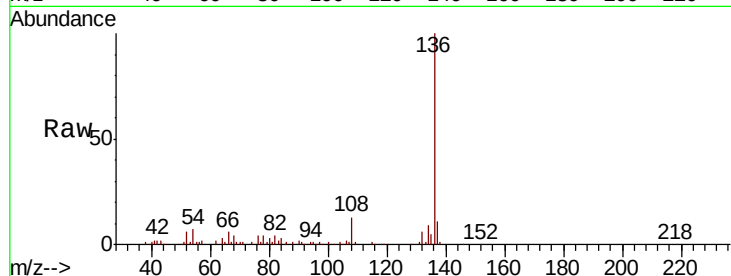




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG043577.D
Acq: 8 Nov 2019 19:58

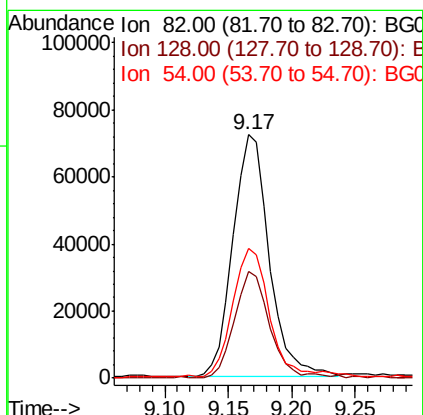
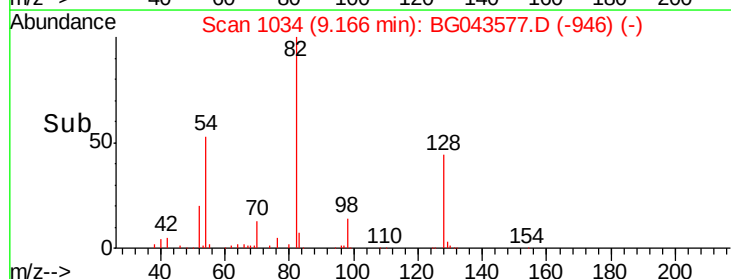
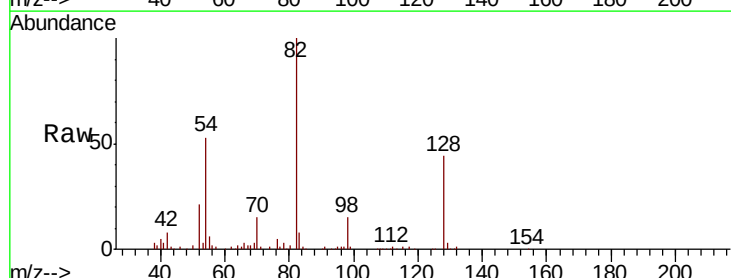
Instrument :
BNA_G
ClientSampleId :
SB-18-(12-14)

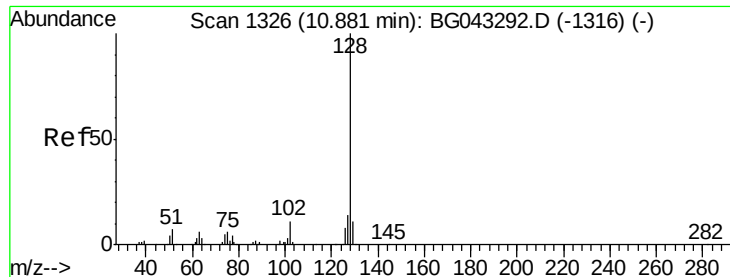
Tot Ion:136	Resp:	113094
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.7 13.1
54	6.8	5.4 8.2
68	4.3	3.0 4.4



#23
Nitrobenzene-d5
Concen: 65.485 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043577.D
Acq: 8 Nov 2019 19:58

Tgt Ion: 82	Resp:	143653
Ion	Ratio	Lower Upper
82	100	
128	43.7	35.0 52.6
54	53.0	40.2 60.2

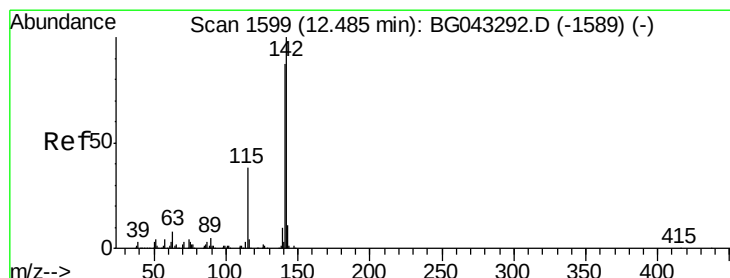
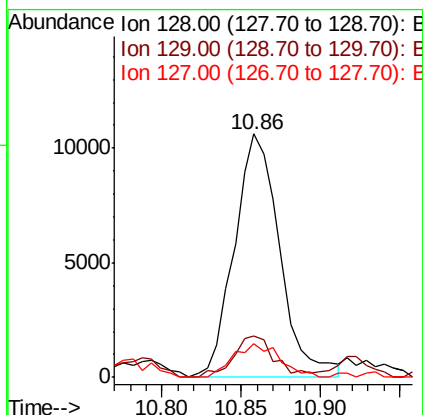
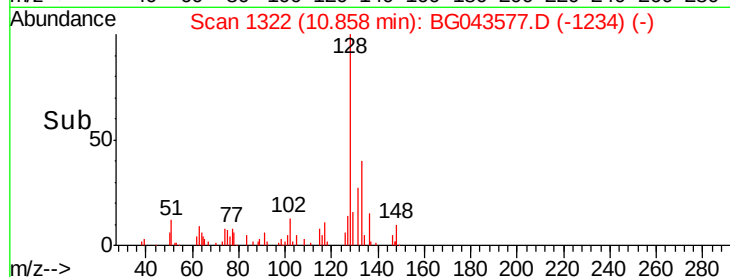
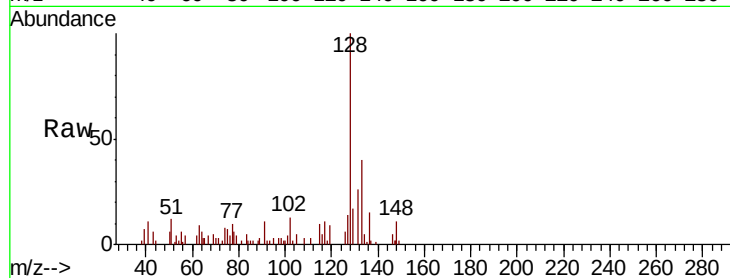




#31
Naphthalene
Concen: 3.677 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043577.D
Acq: 8 Nov 2019 19:58

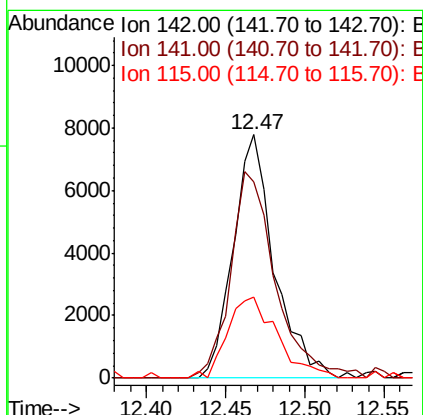
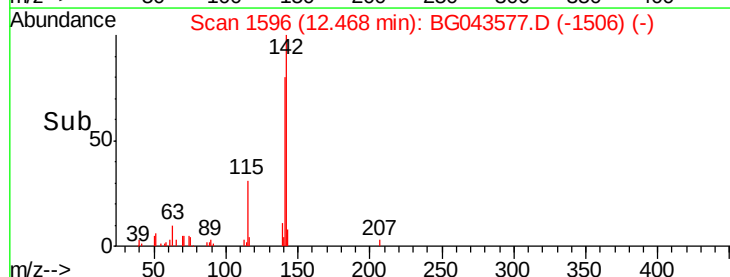
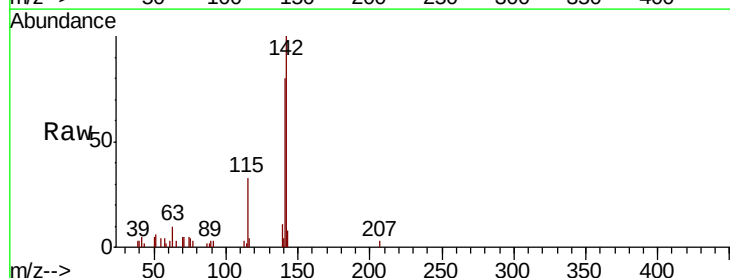
Instrument :
BNA_G
ClientSampleId :
SB-18-(12-14)

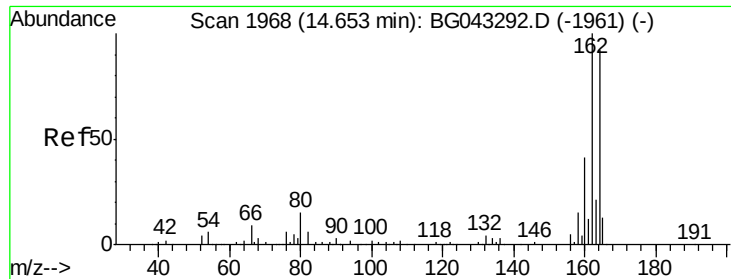
Tot Ion:128 Resp: 21111
Ion Ratio Lower Upper
128 100
129 17.0 9.4 14.0#
127 14.1 11.1 16.7



#37
2-Methylnaphthalene
Concen: 3.153 ng
RT: 12.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BG043577.D
Acq: 8 Nov 2019 19:58

Tgt Ion:142 Resp: 13886
Ion Ratio Lower Upper
142 100
141 80.4 72.2 108.2
115 33.1 33.2 49.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043577.D

Acq: 8 Nov 2019 19:58

Instrument :

BNA_G

ClientSampleId :

SB-18-(12-14)

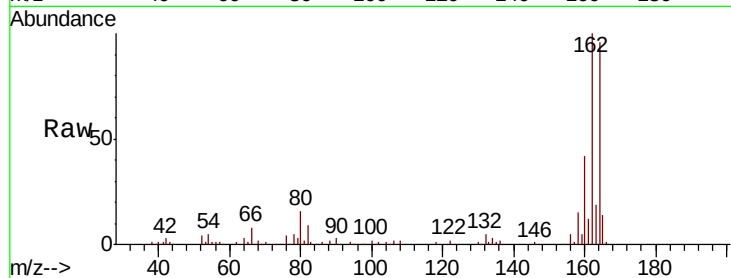
Tot Ion:164 Resp: 84927

Ion Ratio Lower Upper

164 100

162 104.1 83.5 125.3

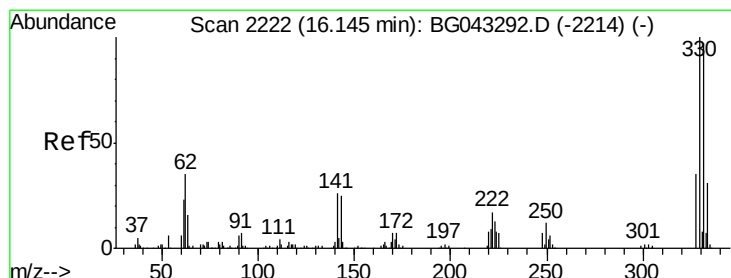
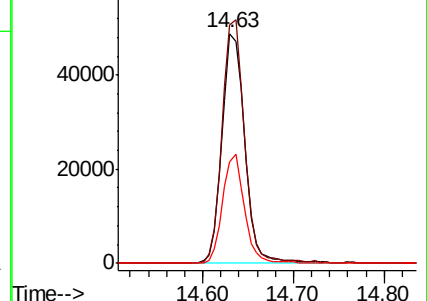
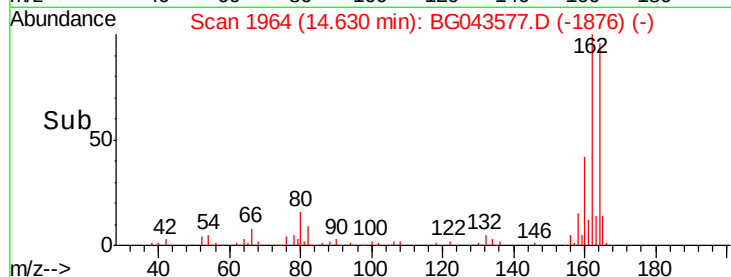
160 44.1 36.5 54.7



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: 95.193 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BG043577.D

Acq: 8 Nov 2019 19:58

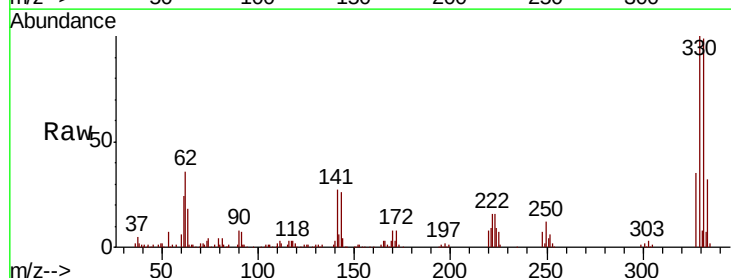
Tgt Ion:330 Resp: 153847

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

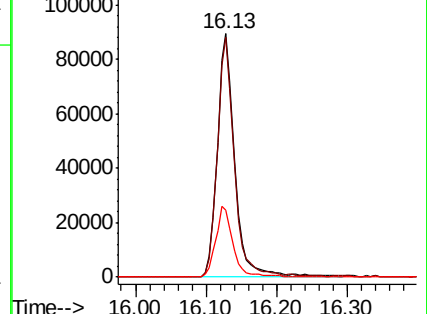
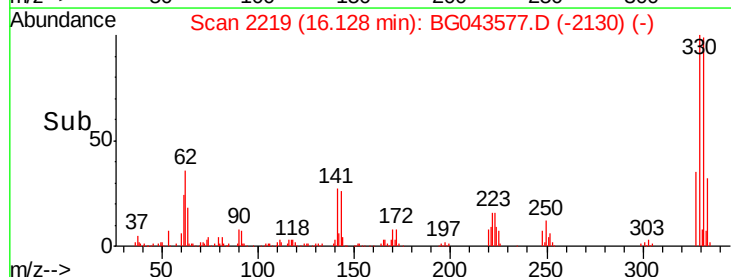
141 29.0 22.8 34.2

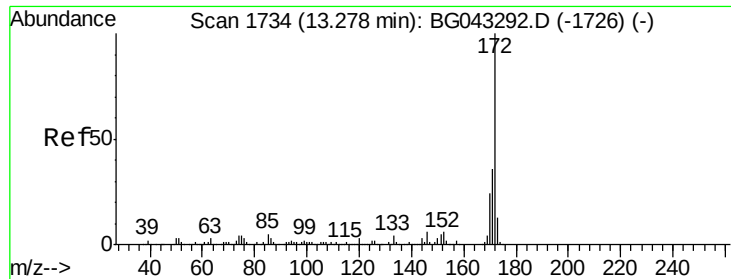


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

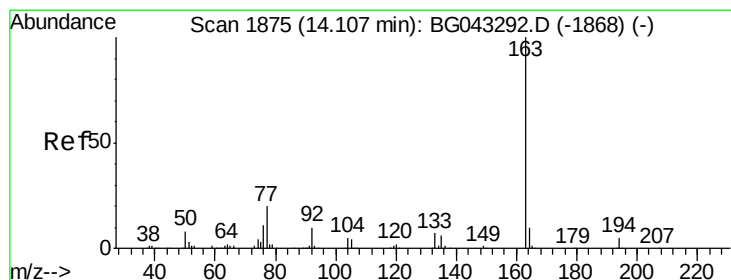
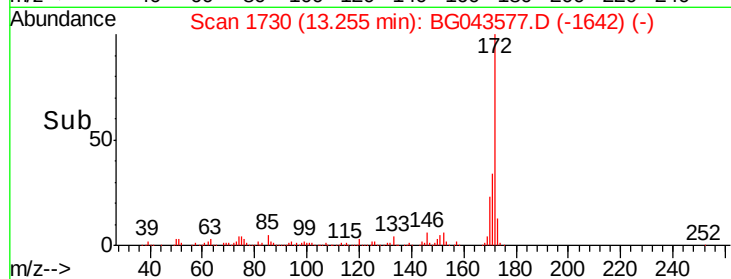
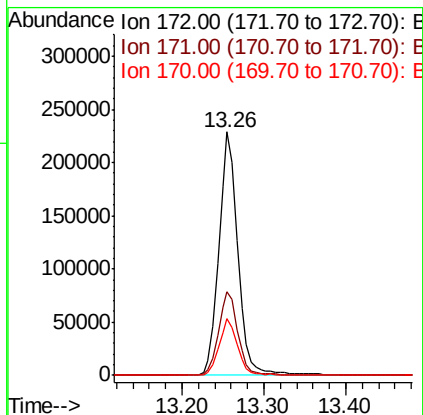
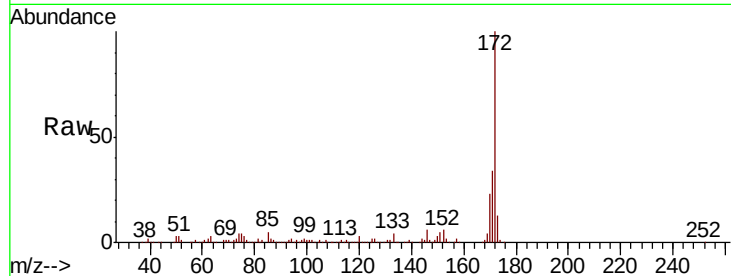




#45
2-Fluorobiphenyl
Concen: 60.115 ng
RT: 13.26 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043577.D
Acq: 8 Nov 2019 19:58

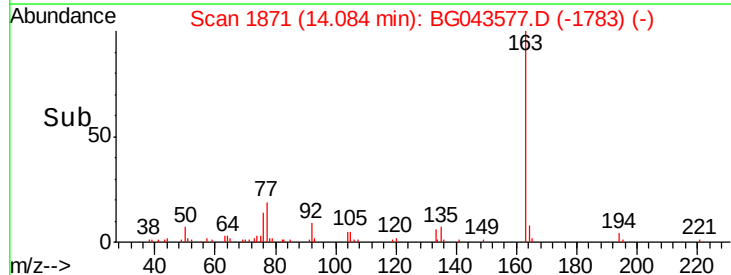
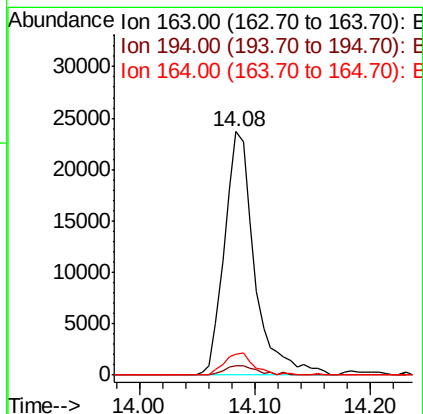
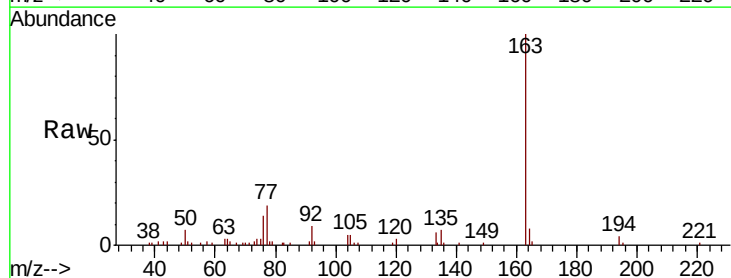
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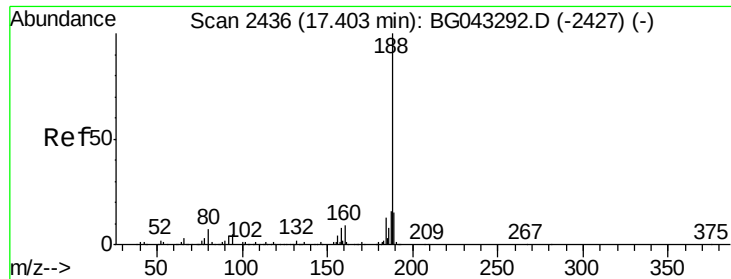
Tot Ion:172 Resp: 369472
Ion Ratio Lower Upper
172 100
171 34.4 28.9 43.3
170 23.4 18.5 27.7



#50
Dimethylphthalate
Concen: 6.481 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG043577.D
Acq: 8 Nov 2019 19:58

Tgt Ion:163 Resp: 42632
Ion Ratio Lower Upper
163 100
194 3.7 3.8 5.6#
164 8.3 8.9 13.3#

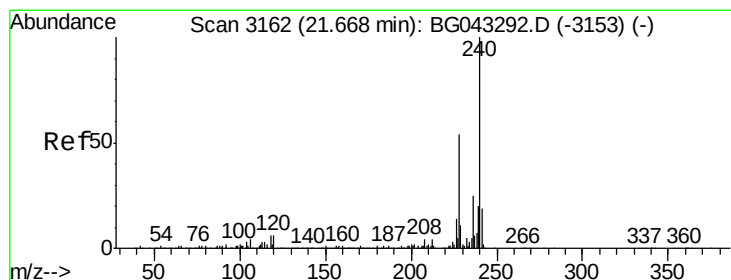
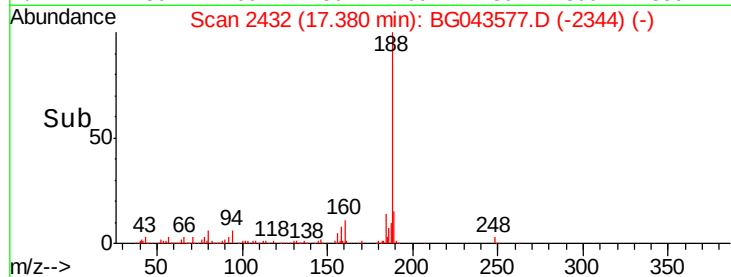
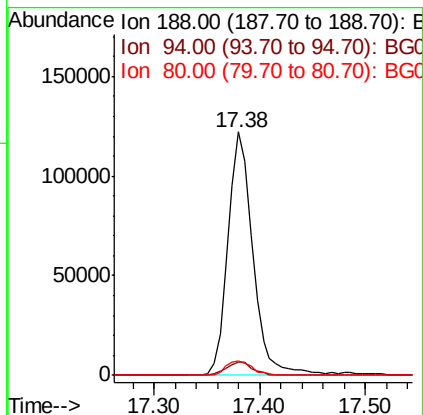
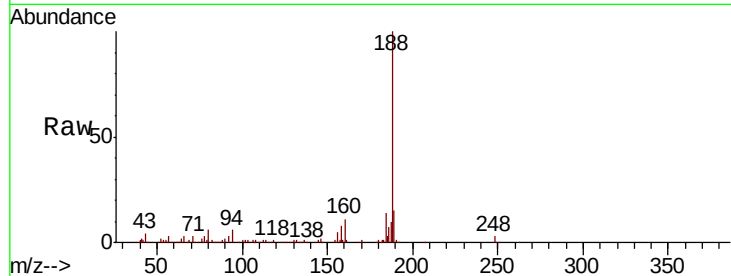




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043577.D
Acq: 8 Nov 2019 19:58

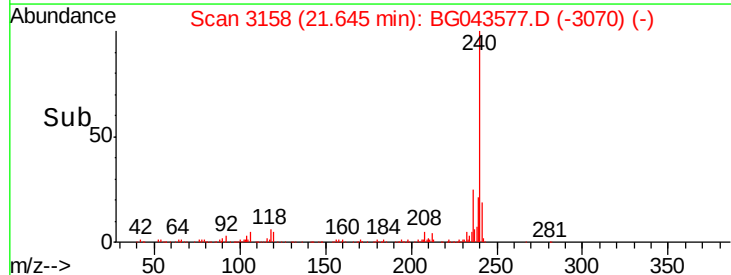
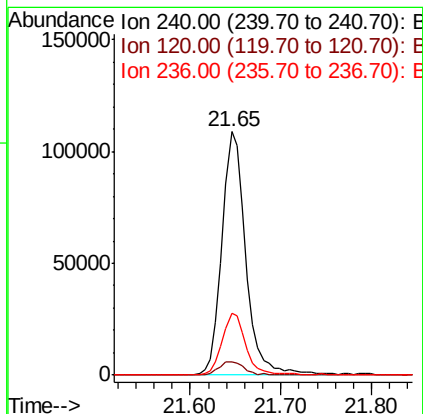
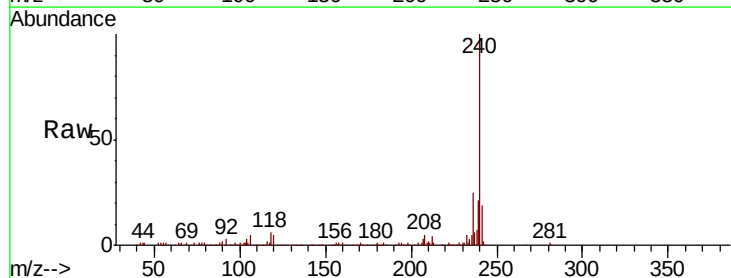
Instrument :
BNA_G
ClientSampleId :
SB-18-(12-14)

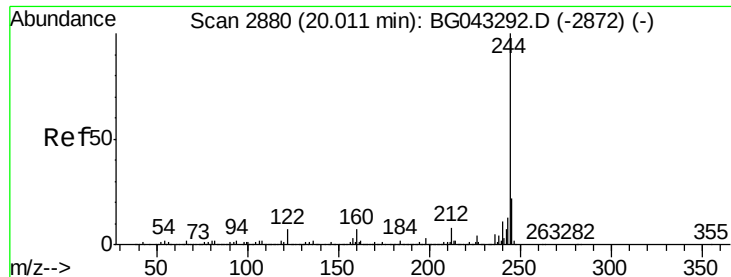
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.4
80	6.1	4.5	6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043577.D
Acq: 8 Nov 2019 19:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.6	6.8
236	25.2	19.8	29.8





#79

Terphenyl-d14

Concen: 66.212 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043577.D

Acq: 8 Nov 2019 19:58

Instrument :

BNA_G

ClientSampleId :

SB-18-(12-14)

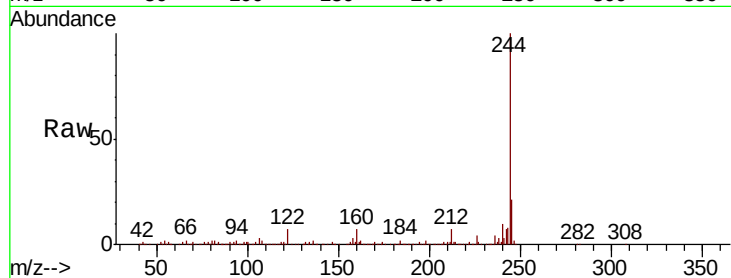
Tot Ion:244 Resp: 703738

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

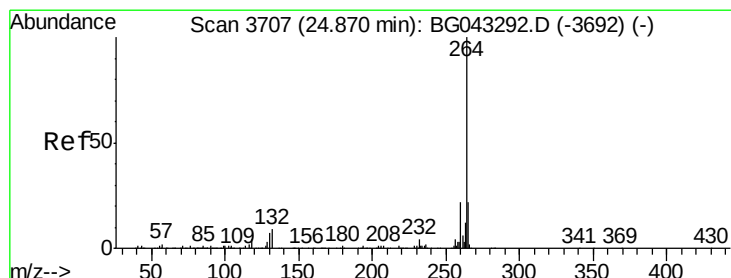
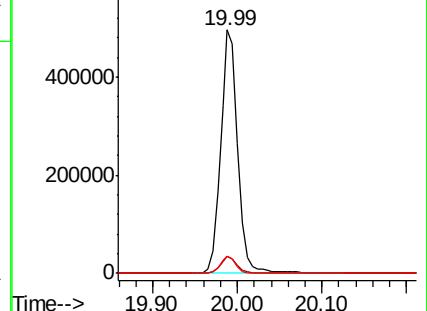
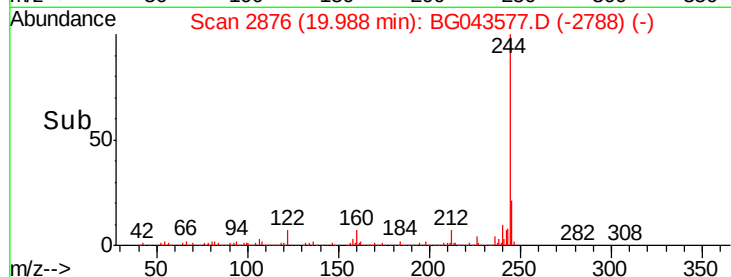
122 6.8 5.4 8.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG043577.D

Acq: 8 Nov 2019 19:58

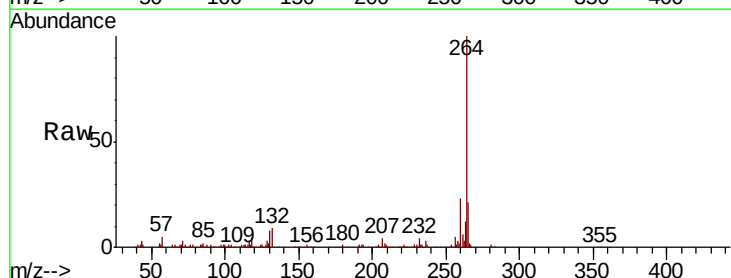
Tgt Ion:264 Resp: 228727

Ion Ratio Lower Upper

264 100

260 23.0 17.5 26.3

265 21.2 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

