

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
 Data File : BG040357.D
 Acq On : 4 Apr 2019 12:35
 Operator : JU/SJ
 Sample : K2210-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WE-5

Quant Time: Apr 04 13:44:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 13:35:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	60161	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	237995	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	142968	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	353040	20.00	ng	0.00
76) Chrysene-d12	21.69	240	410637	20.00	ng	0.00
87) Perylene-d12	24.97	264	426317	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	271618	75.06	ng	0.00
7) Phenol-d6	7.20	99	280196	56.02	ng	0.00
23) Nitrobenzene-d5	9.22	82	400515	89.45	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	229054	148.24	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	896213	92.89	ng	0.00
79) Terphenyl-d14	20.02	244	1423047	77.96	ng	0.00

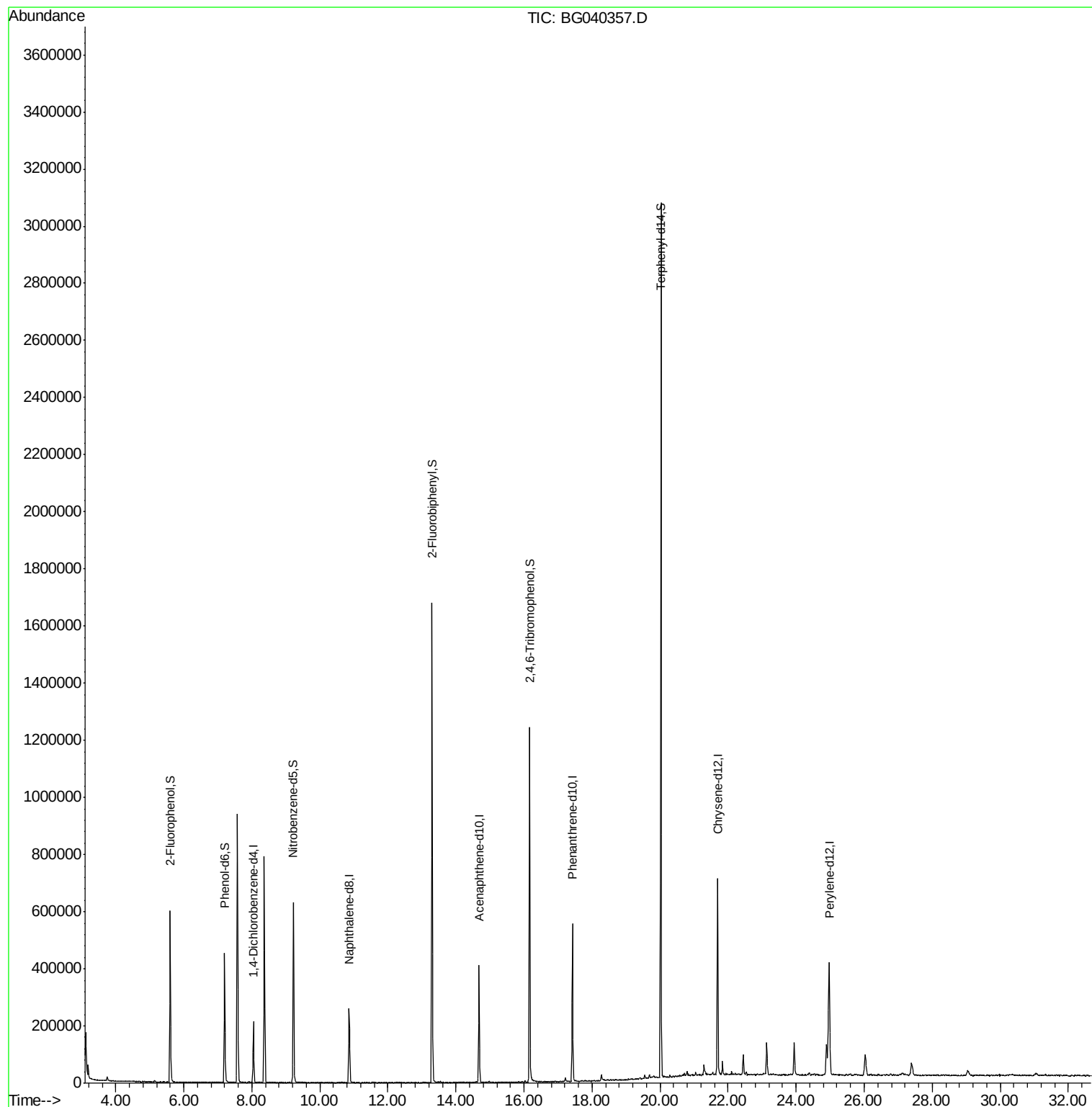
Target Compounds	Qvalue
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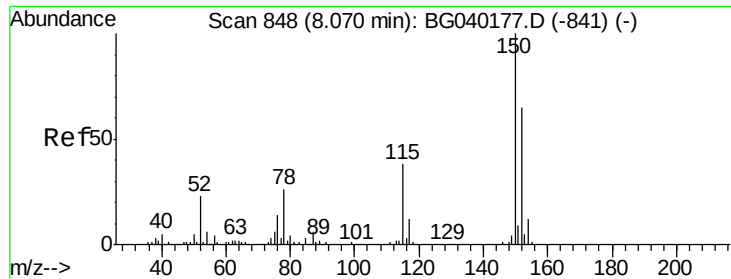
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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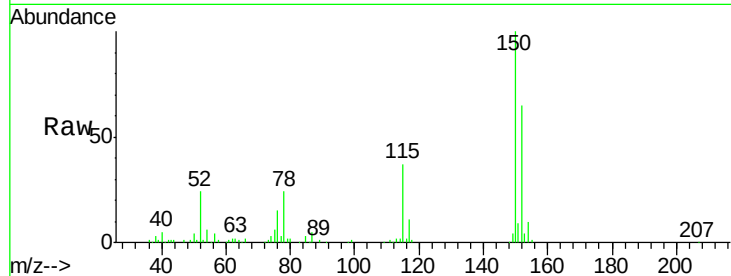


#1

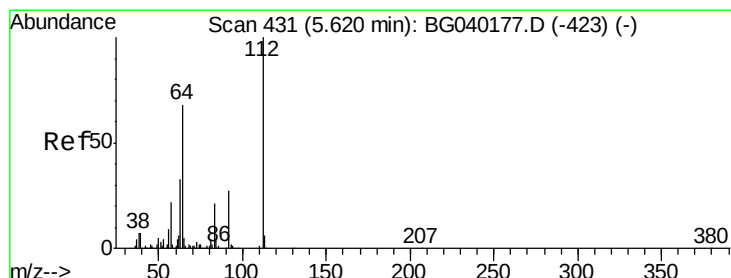
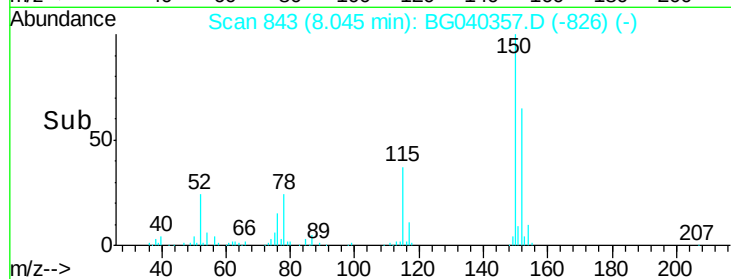
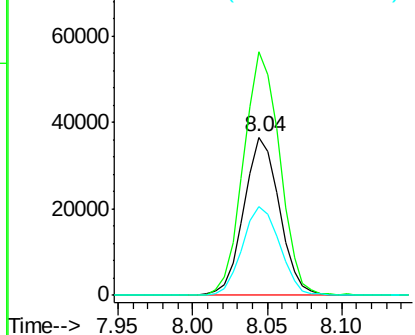
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. 0.00 min
Lab File: BG040357.D
Acq: 4 Apr 2019 12:35

Instrument :
BNA_G
ClientSampleId :
WE-5

Tgt Ion:152 Resp: 60161
Ion Ratio Lower Upper
152 100
150 154.3 128.2 192.2
115 56.4 47.0 70.4



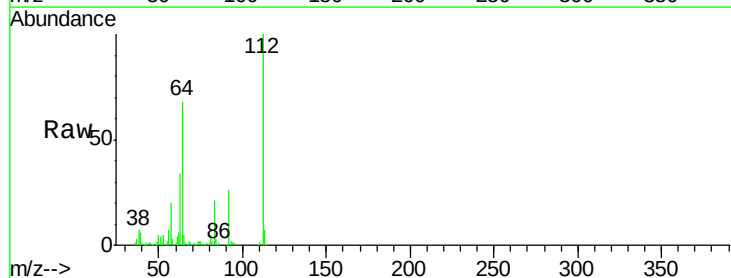
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



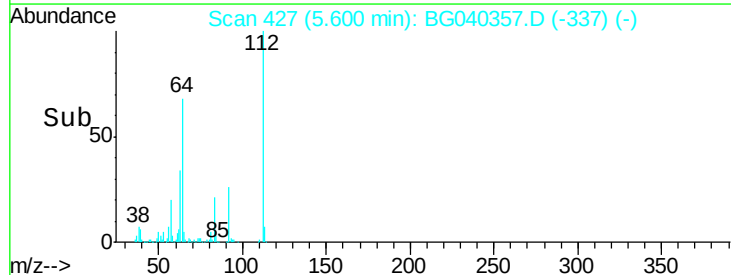
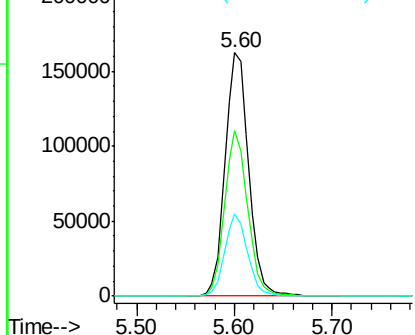
#5

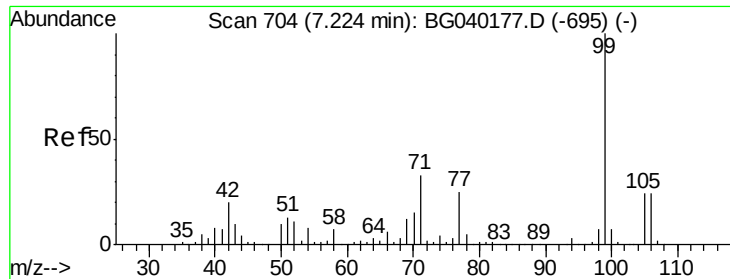
2-Fluorophenol
Concen: 75.055 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG040357.D
Acq: 4 Apr 2019 12:35

Tgt Ion:112 Resp: 271618
Ion Ratio Lower Upper
112 100
64 68.0 53.4 80.0
63 34.1 26.8 40.2



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





#7

Phenol-d6

Concen: 56.024 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG040357.D

Acq: 4 Apr 2019 12:35

Instrument :

BNA_G

ClientSampleId :

WE-5

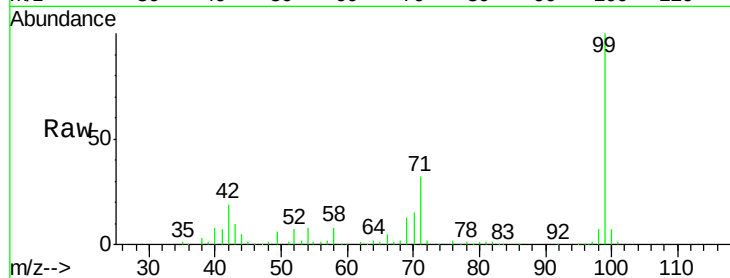
Tgt Ion: 99 Resp: 280196

Ion Ratio Lower Upper

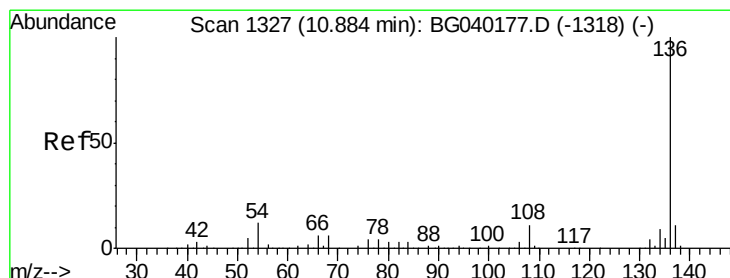
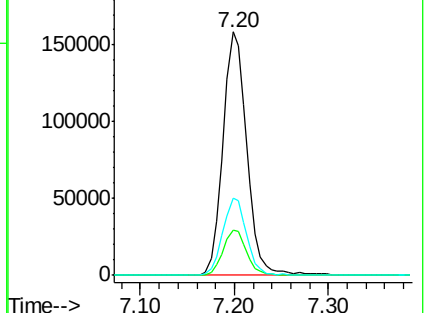
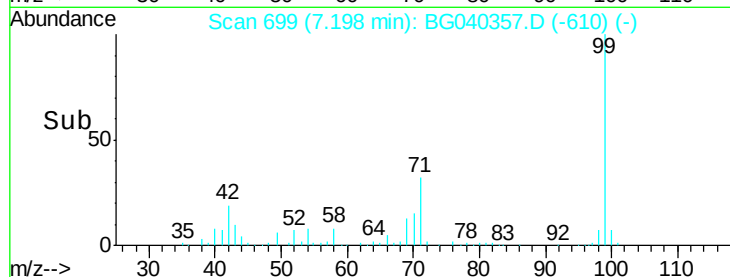
99 100

42 18.8 15.3 22.9

71 31.8 26.5 39.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BG040357.D

Acq: 4 Apr 2019 12:35

Tgt Ion: 136 Resp: 237995

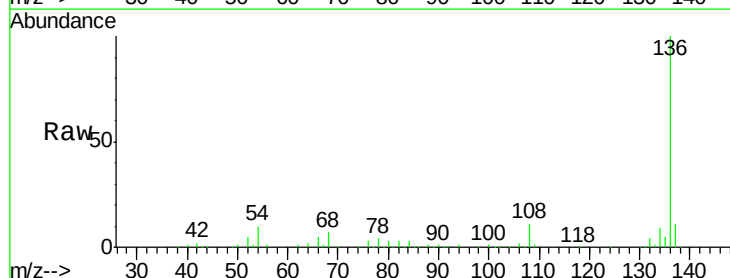
Ion Ratio Lower Upper

136 100

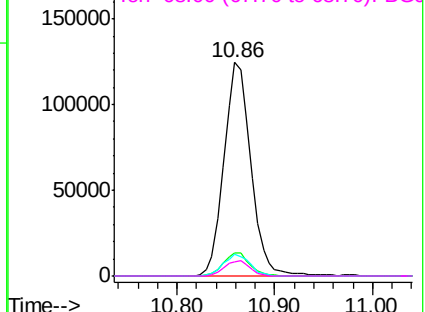
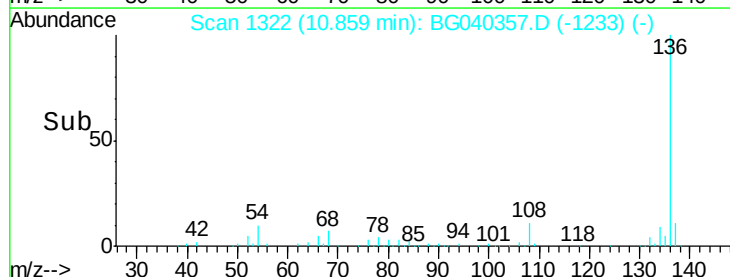
137 10.7 8.6 12.8

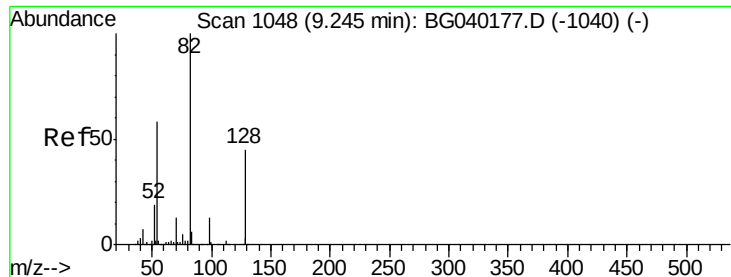
54 10.2 9.1 13.7

68 6.7 5.2 7.8



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

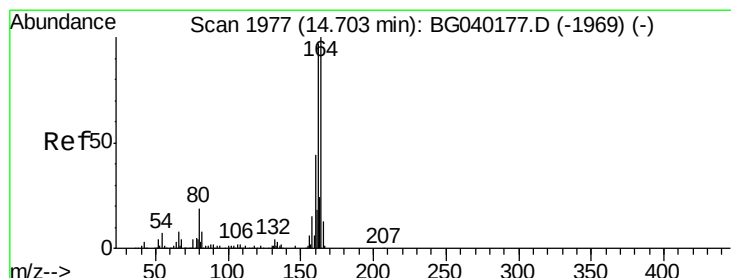
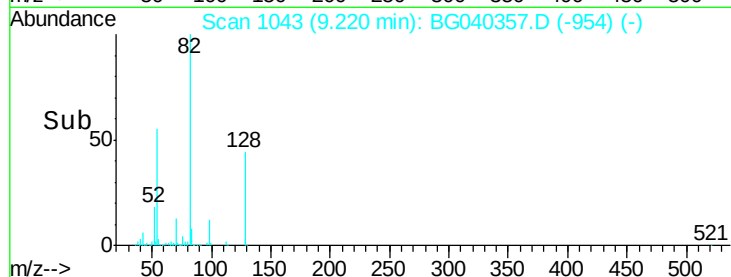
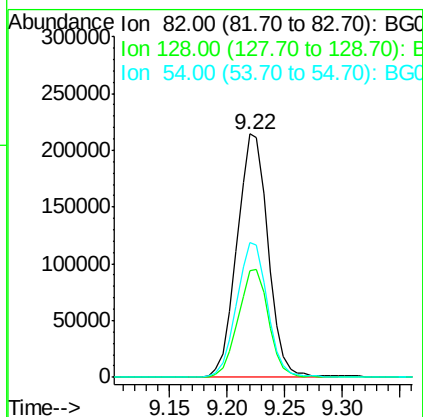
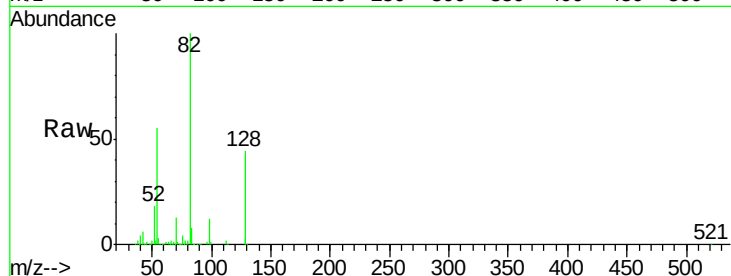




#23
 Nitrobenzene-d5
 Concen: 89.450 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BG040357.D
 Acq: 4 Apr 2019 12:35

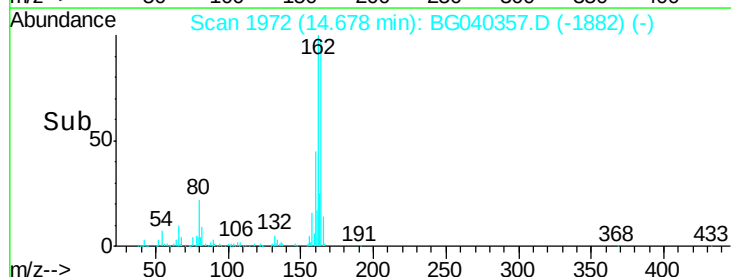
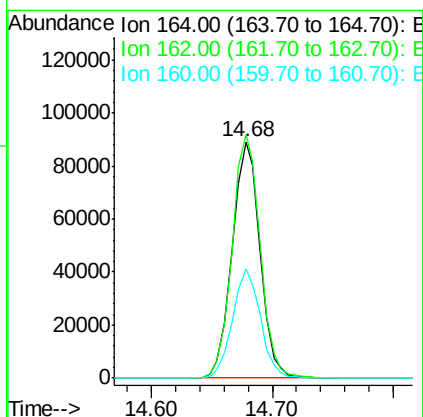
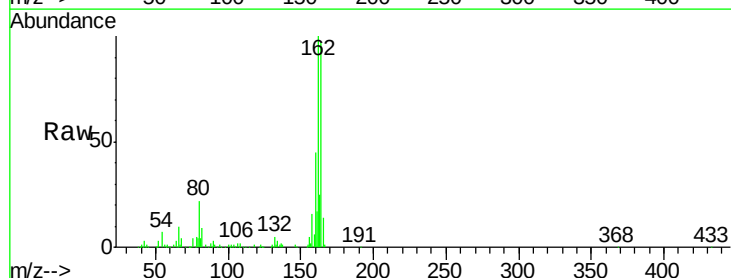
Instrument :
 BNA_G
 ClientSampleId :
 WE-5

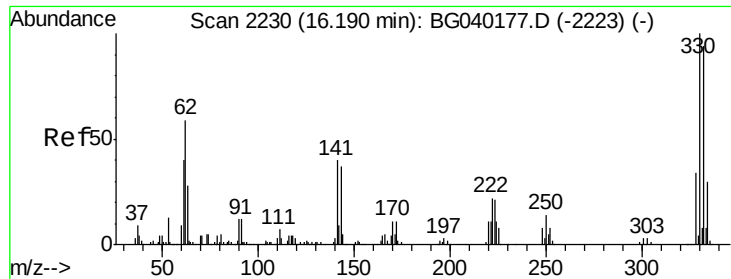
Tgt Ion: 82 Resp: 400515
 Ion Ratio Lower Upper
 82 100
 128 43.8 35.1 52.7
 54 55.4 43.2 64.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BG040357.D
 Acq: 4 Apr 2019 12:35

Tgt Ion: 164 Resp: 142968
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.1 123.1
 160 46.4 36.2 54.2

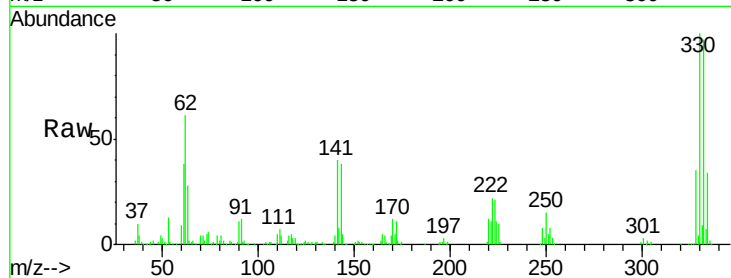




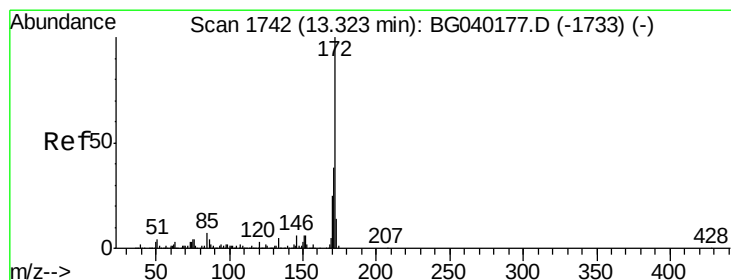
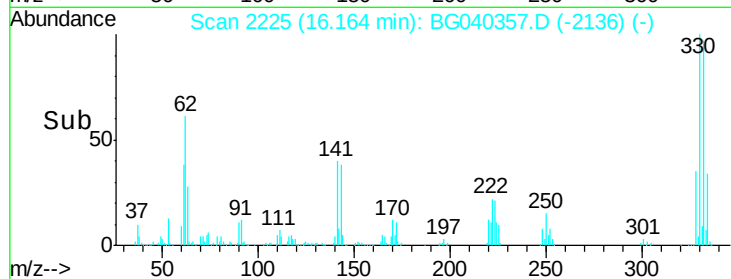
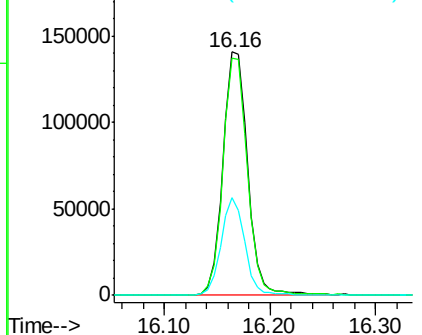
#42
 2,4,6-Tribromophenol
 Concen: 148.244 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG040357.D
 Acq: 4 Apr 2019 12:35

Instrument :
 BNA_G
 ClientSampleId :
 WE-5

Tgt Ion:330 Resp: 229054
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.7 116.5
 141 38.6 31.0 46.6

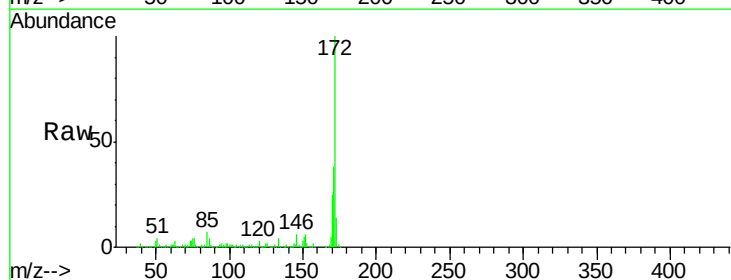


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

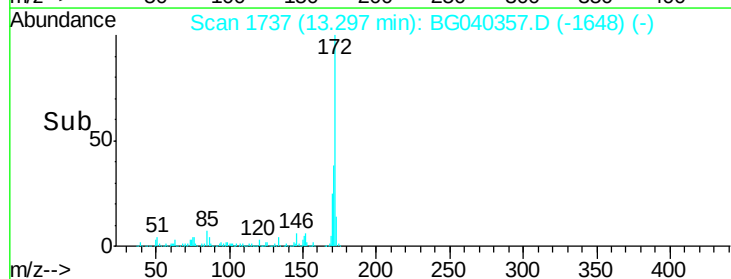
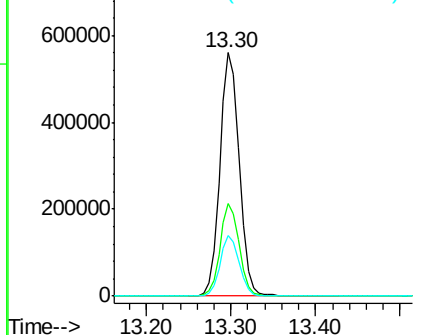


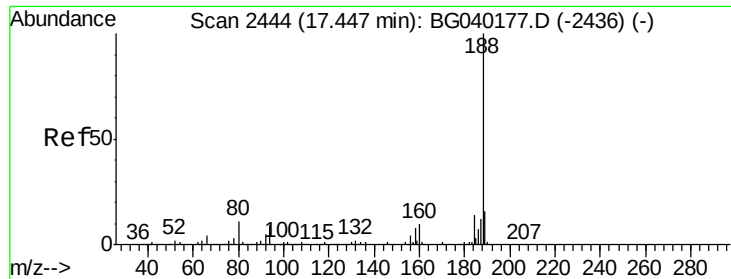
#45
 2-Fluorobiphenyl
 Concen: 92.886 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG040357.D
 Acq: 4 Apr 2019 12:35

Tgt Ion:172 Resp: 896213
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.2 45.4
 170 24.7 20.4 30.6



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

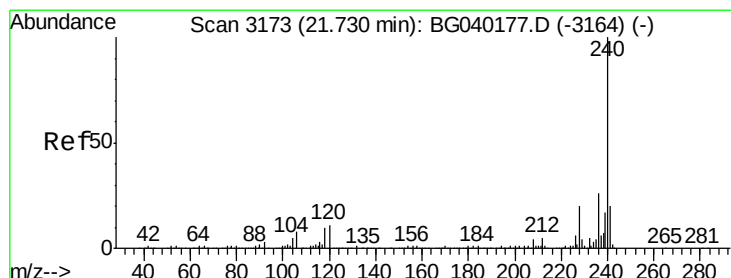
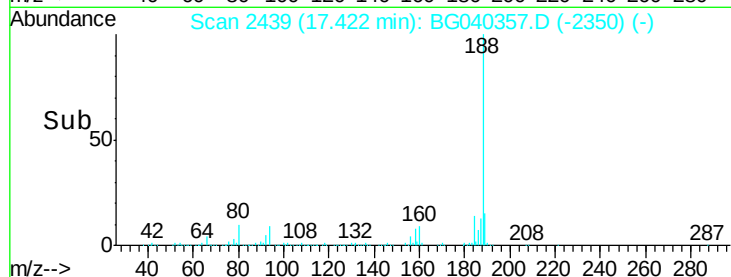
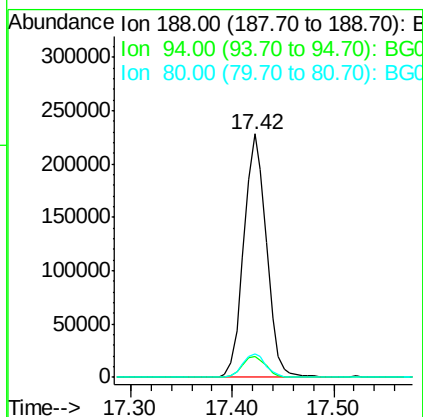
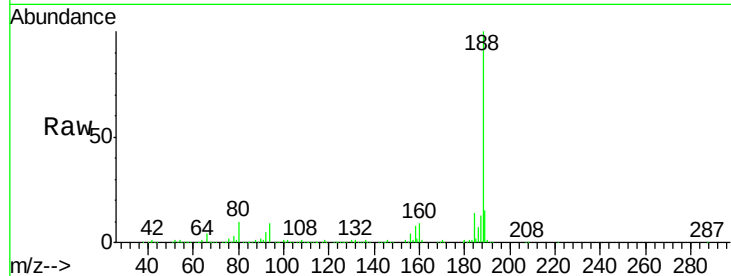




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG040357.D
Acq: 4 Apr 2019 12:35

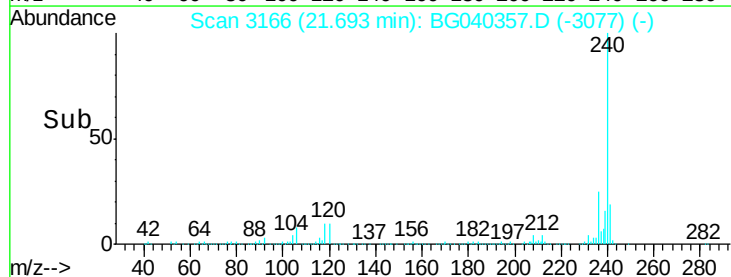
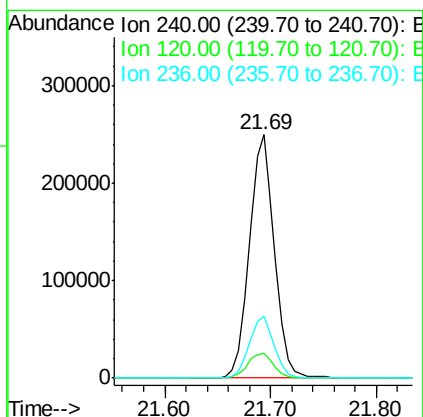
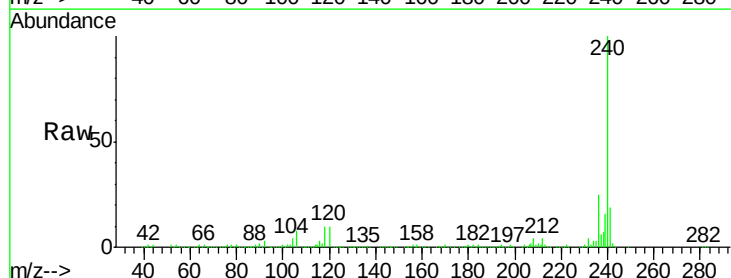
Instrument :
BNA_G
ClientSampleId :
WE-5

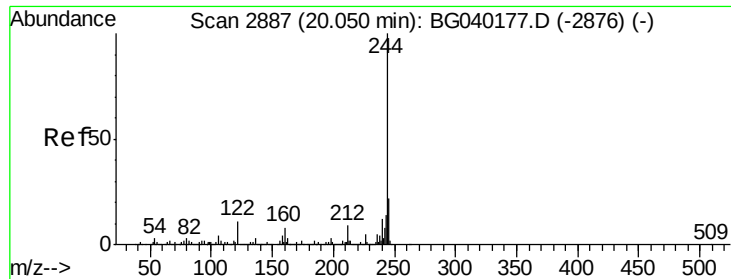
Tgt Ion:188 Resp: 353040
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG040357.D
Acq: 4 Apr 2019 12:35

Tgt Ion:240 Resp: 410637
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.2
236 25.2 21.7 32.5





#79

Terphenyl-d14

Concen: 77.961 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG040357.D

Acq: 4 Apr 2019 12:35

Instrument :

BNA_G

ClientSampled :

WE-5

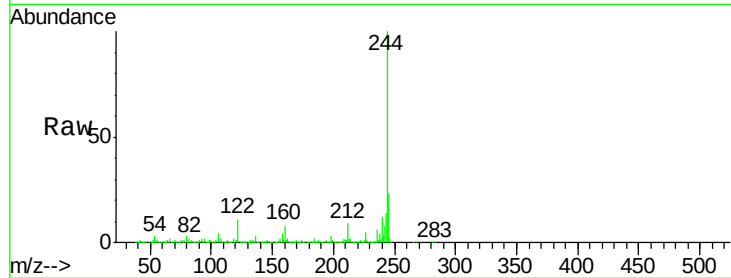
Tgt Ion:244 Resp: 1423047

Ion Ratio Lower Upper

244 100

212 8.9 7.5 11.3

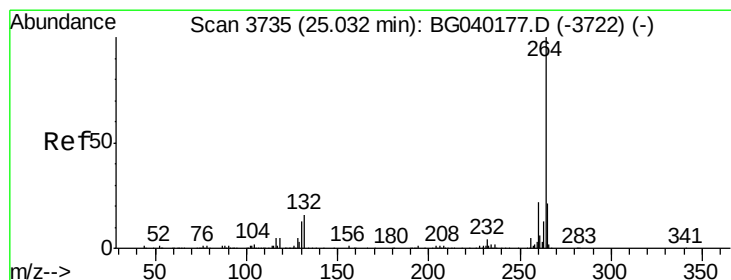
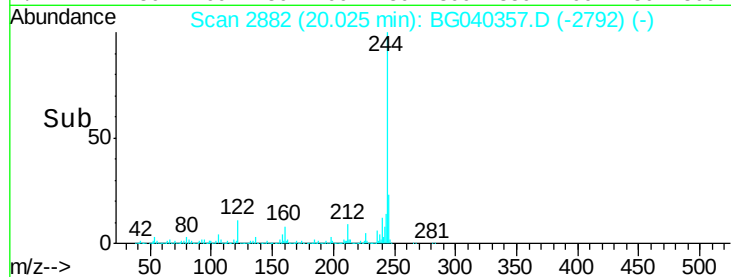
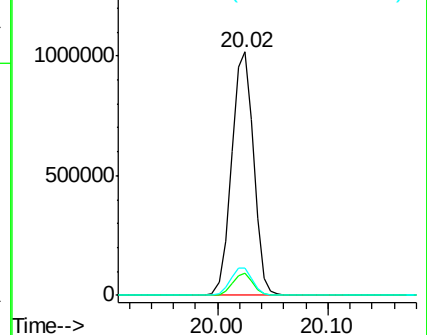
122 11.4 9.5 14.3



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: 24.97 min Scan# 3723

Delta R.T. -0.01 min

Lab File: BG040357.D

Acq: 4 Apr 2019 12:35

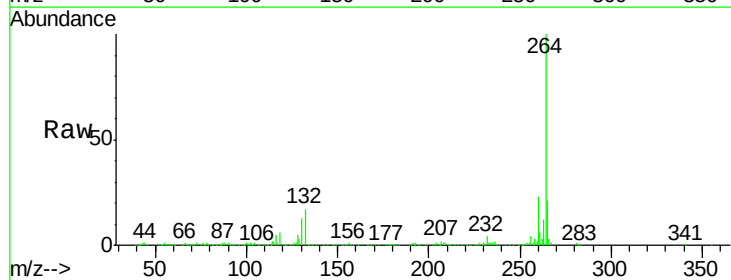
Tgt Ion:264 Resp: 426317

Ion Ratio Lower Upper

264 100

260 22.8 19.4 29.2

265 21.5 16.6 25.0



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

