

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
 Data File : BG040618.D
 Acq On : 25 Apr 2019 19:54
 Operator : JU/SJ
 Sample : K2566-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0012

Quant Time: Apr 26 03:45:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	49179	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	209301	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	154773	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	423655	20.00	ng	0.00
76) Chrysene-d12	21.82	240	464721	20.00	ng	0.00
87) Perylene-d12	25.19	264	479695	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	127884	45.84	ng	0.00
7) Phenol-d6	7.29	99	118580	27.60	ng	0.00
23) Nitrobenzene-d5	9.33	82	353215	77.98	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	253290	119.06	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	773385	72.17	ng	0.00
79) Terphenyl-d14	20.12	244	1606489	76.58	ng	0.00

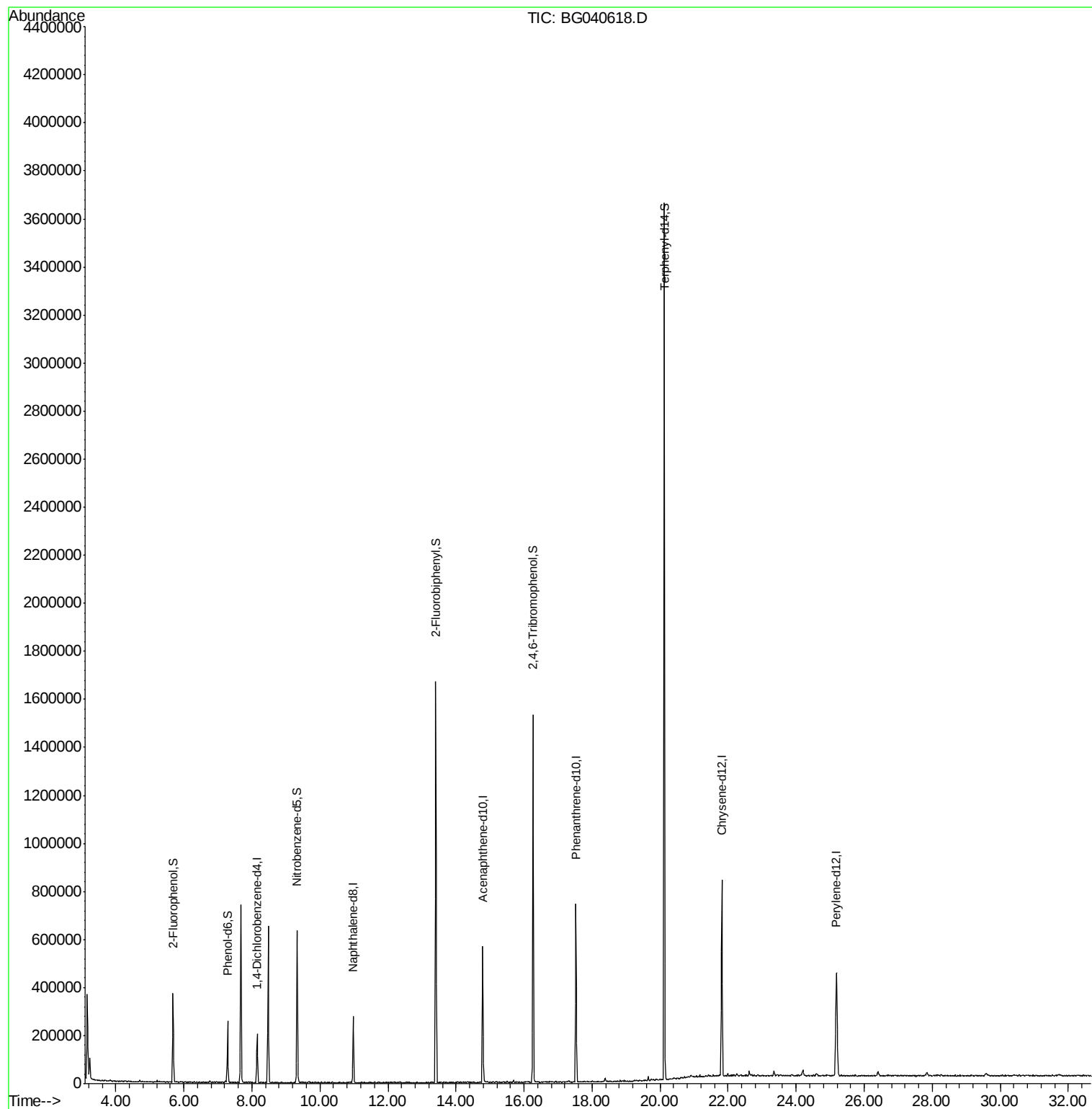
Target Compounds Qvalue

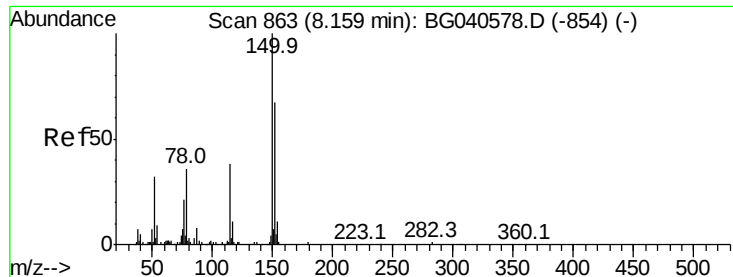
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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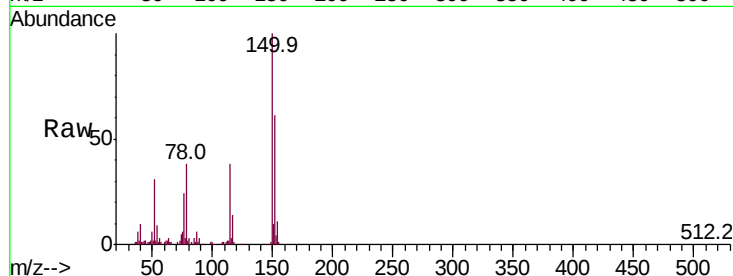


#1

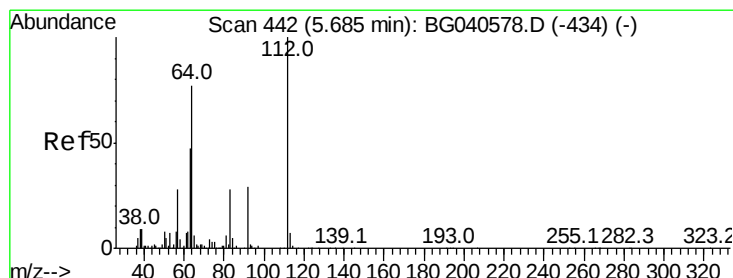
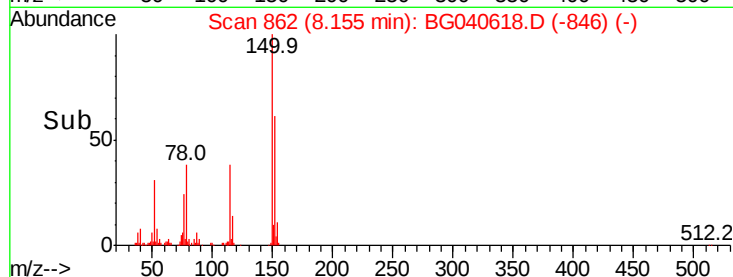
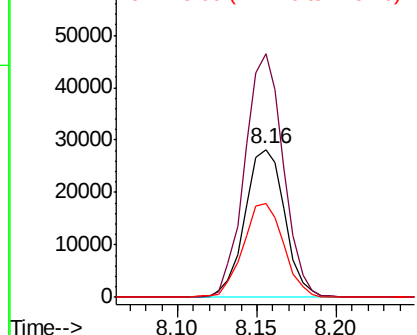
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG040618.D
Acq: 25 Apr 2019 19:54

Instrument :
BNA_G
ClientSampleId :
S37-0012

Tot Ion:152 Resp: 49179
Ion Ratio Lower Upper
152 100
150 164.3 120.2 180.2
115 63.0 46.2 69.2



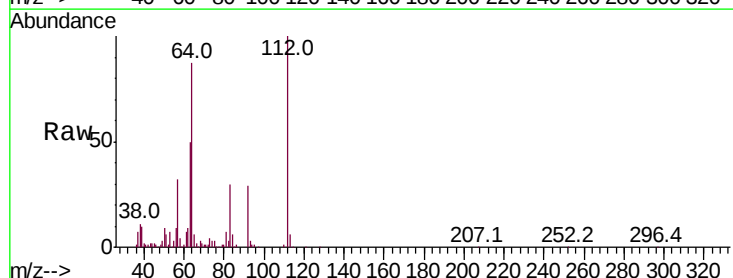
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



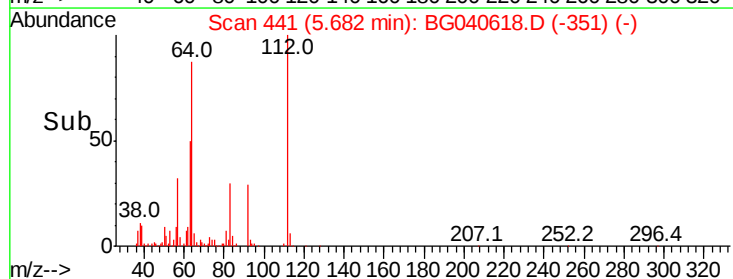
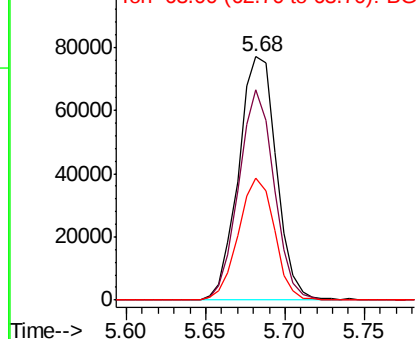
#5

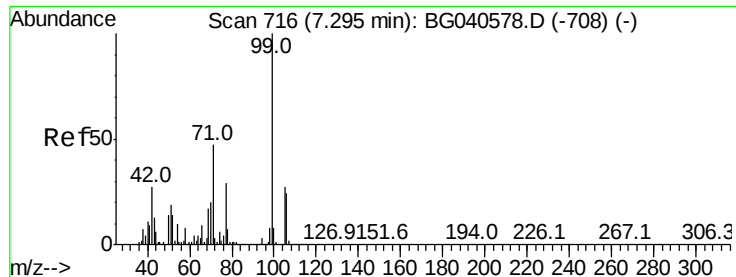
2-Fluorophenol
Concen: 45.839 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.00 min
Lab File: BG040618.D
Acq: 25 Apr 2019 19:54

Tgt Ion:112 Resp: 127884
Ion Ratio Lower Upper
112 100
64 86.5 61.4 92.0
63 49.9 37.8 56.6



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: 27.605 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040618.D

Acq: 25 Apr 2019 19:54

Instrument :

BNA_G

ClientSampleId :

S37-0012

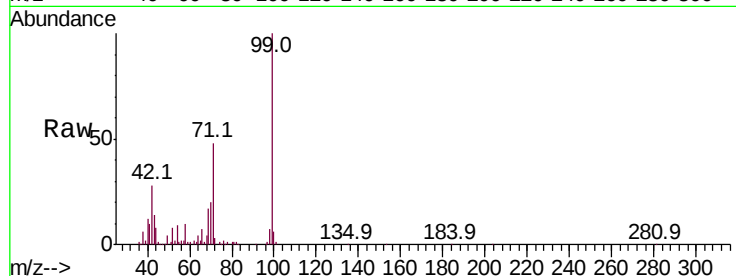
Tot Ion: 99 Resp: 118580

Ion Ratio Lower Upper

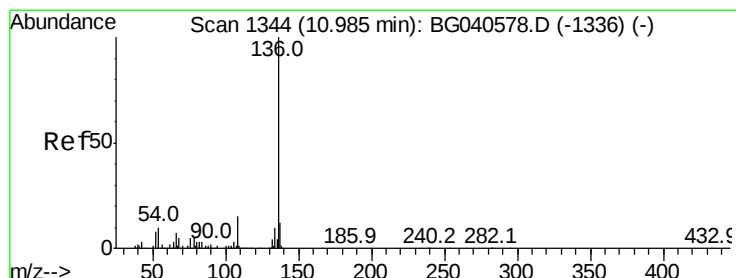
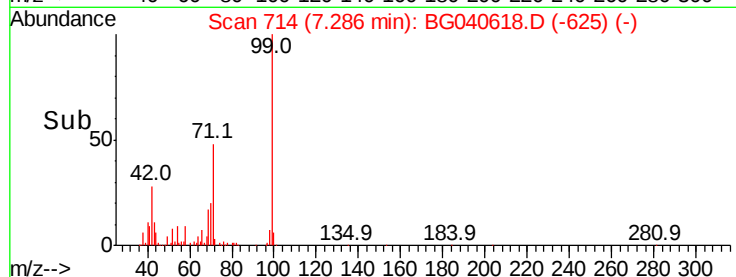
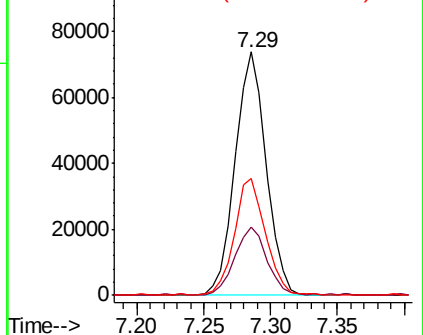
99 100

42 28.0 21.8 32.8

71 47.8 38.6 57.8



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: 10.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BG040618.D

Acq: 25 Apr 2019 19:54

Tgt Ion: 136 Resp: 209301

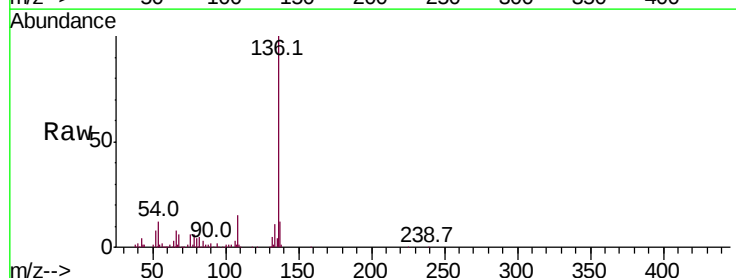
Ion Ratio Lower Upper

136 100

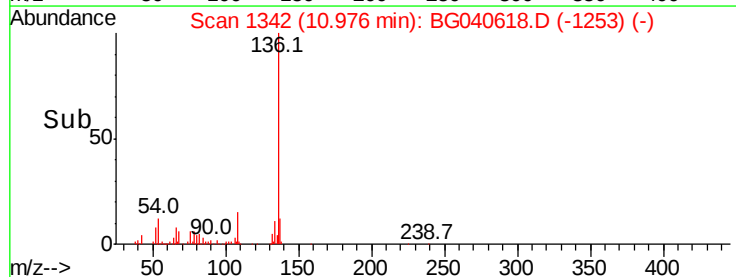
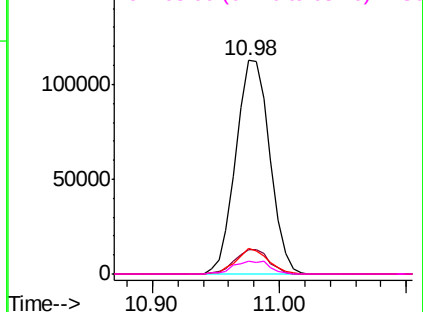
137 11.6 9.7 14.5

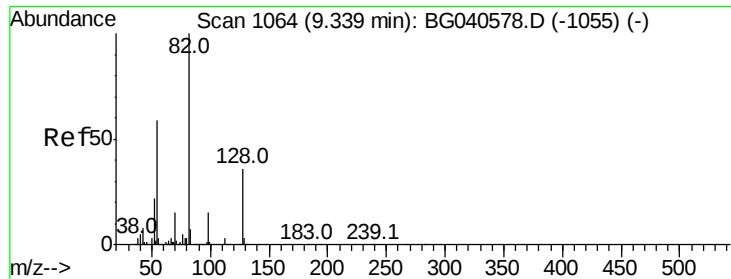
54 12.2 8.6 12.8

68 6.1 4.8 7.2



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: 77.977 ng

RT: 9.33 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BG040618.D

Acq: 25 Apr 2019 19:54

Instrument :

BNA_G

ClientSampled :

S37-0012

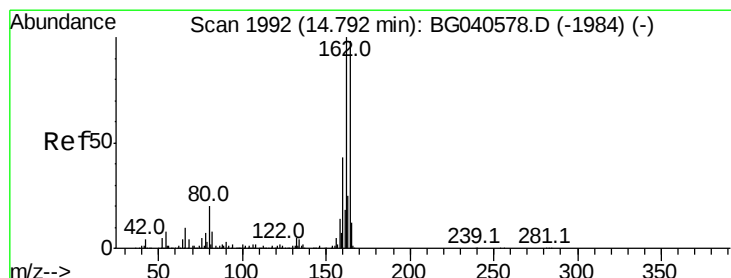
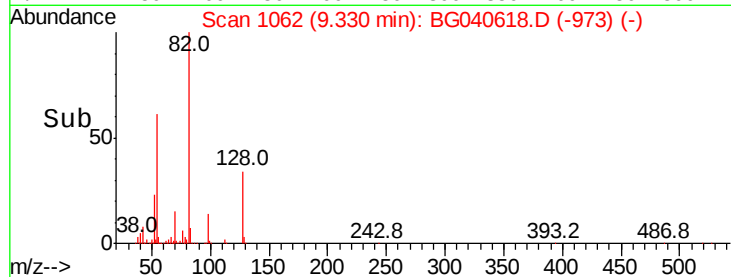
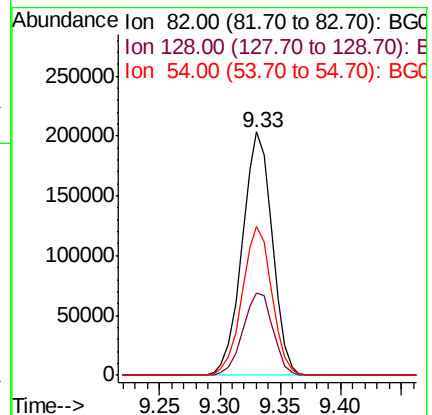
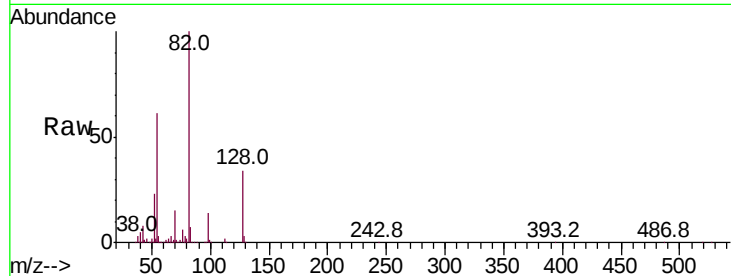
Tot Ion: 82 Resp: 353215

Ion Ratio Lower Upper

82 100

128 33.8 28.9 43.3

54 60.9 47.2 70.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG040618.D

Acq: 25 Apr 2019 19:54

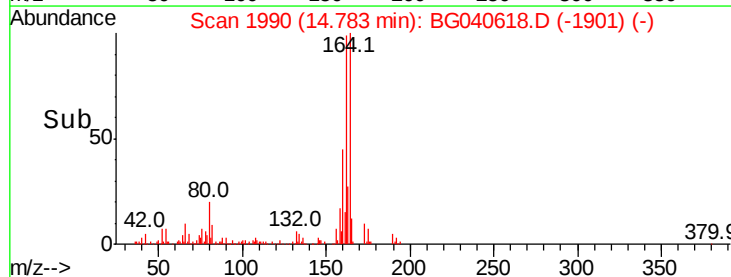
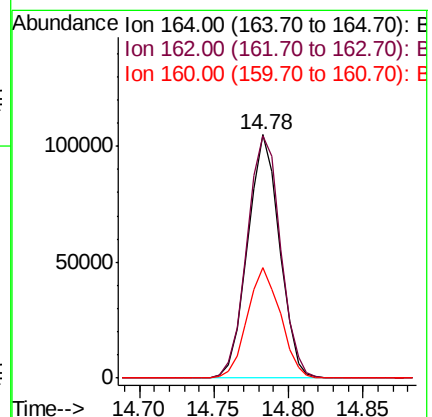
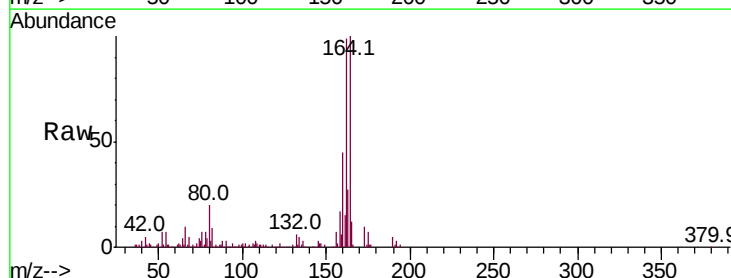
Tgt Ion: 164 Resp: 154773

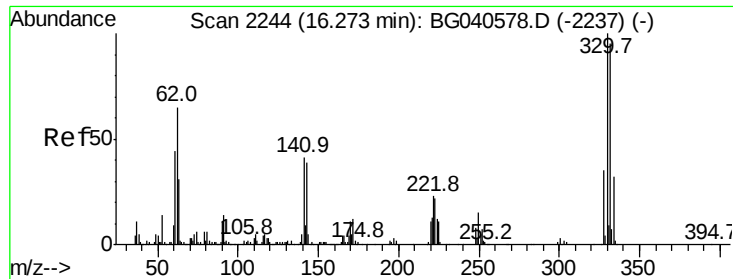
Ion Ratio Lower Upper

164 100

162 99.3 81.9 122.9

160 45.2 35.4 53.2

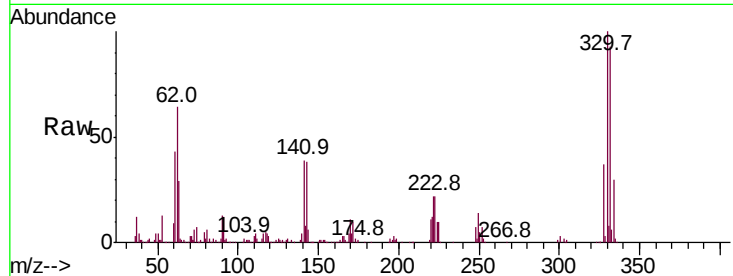




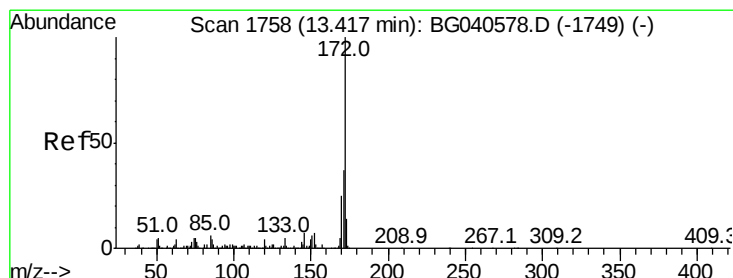
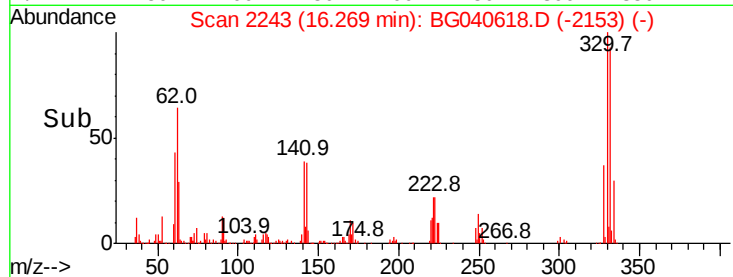
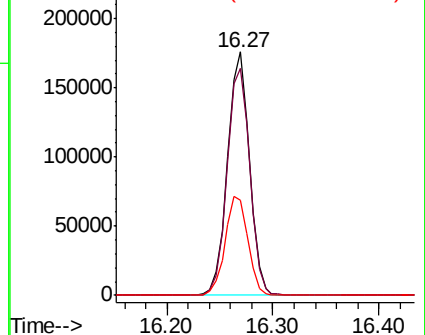
#42
2,4,6-Tribromophenol
Concen: 119.061 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BG040618.D
Acq: 25 Apr 2019 19:54

Instrument :
BNA_G
ClientSampleId :
S37-0012

Tot Ion:330 Resp: 253290
Ion Ratio Lower Upper
330 100
332 95.8 75.9 113.9
141 42.5 32.4 48.6

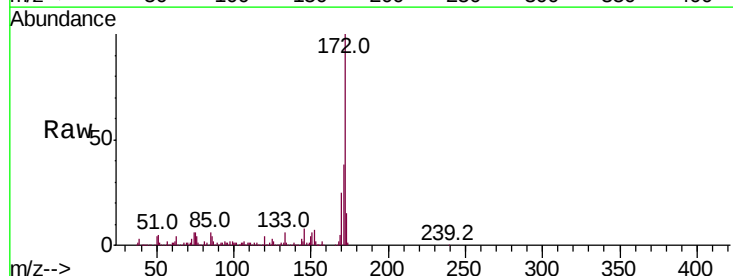


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

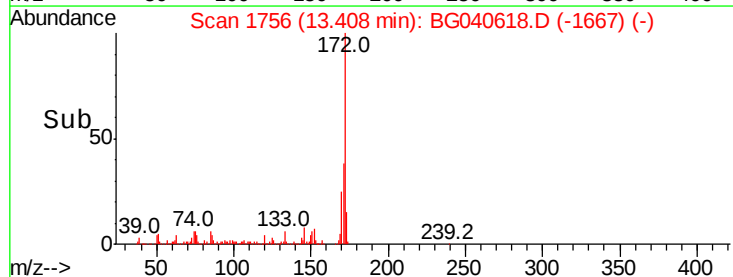
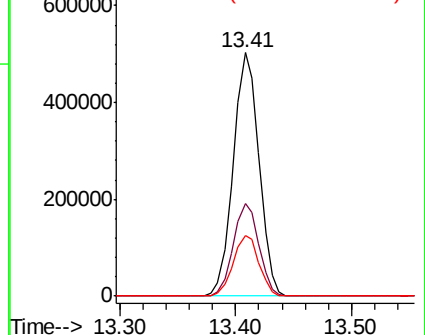


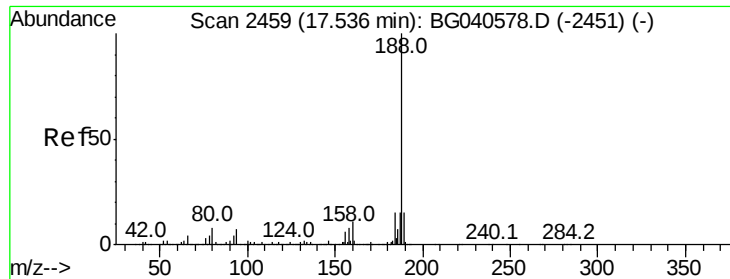
#45
2-Fluorobiphenyl
Concen: 72.165 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG040618.D
Acq: 25 Apr 2019 19:54

Tgt Ion:172 Resp: 773385
Ion Ratio Lower Upper
172 100
171 38.3 29.4 44.2
170 24.9 19.9 29.9



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: 17.53 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG040618.D

Acq: 25 Apr 2019 19:54

Instrument :

BNA_G

ClientSampleId :

S37-0012

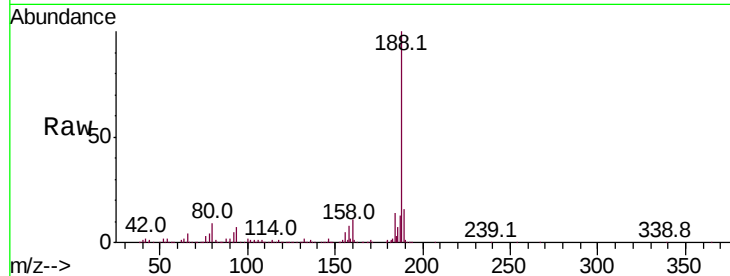
Tot Ion:188 Resp: 423655

Ion Ratio Lower Upper

188 100

94 7.3 5.6 8.4

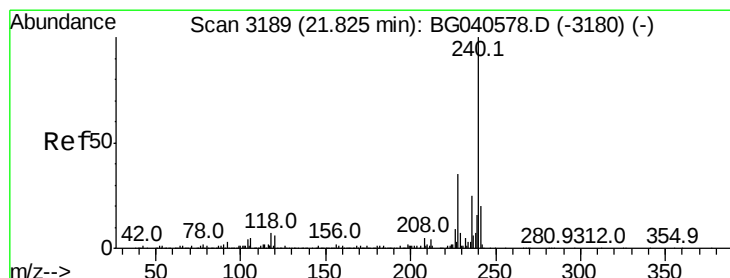
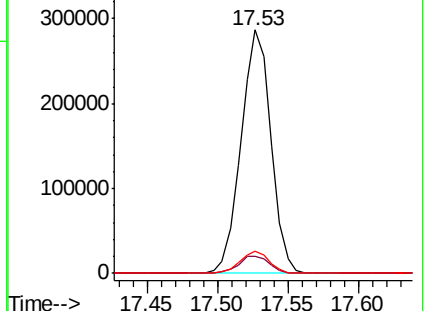
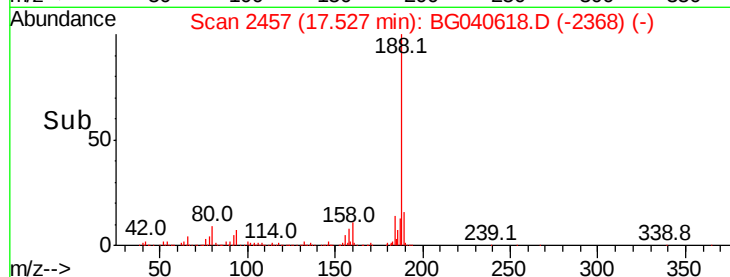
80 9.1 6.4 9.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3187

Delta R.T. -0.01 min

Lab File: BG040618.D

Acq: 25 Apr 2019 19:54

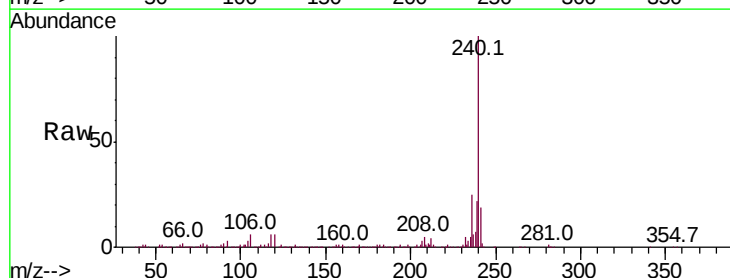
Tgt Ion:240 Resp: 464721

Ion Ratio Lower Upper

240 100

120 6.0 5.0 7.6

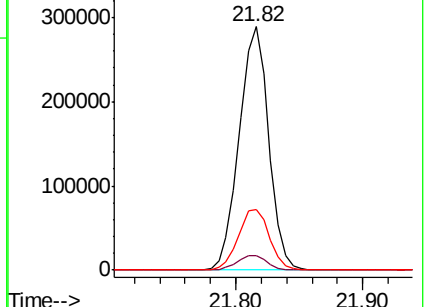
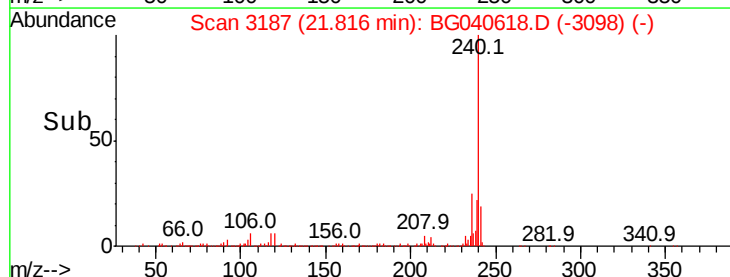
236 25.1 20.3 30.5

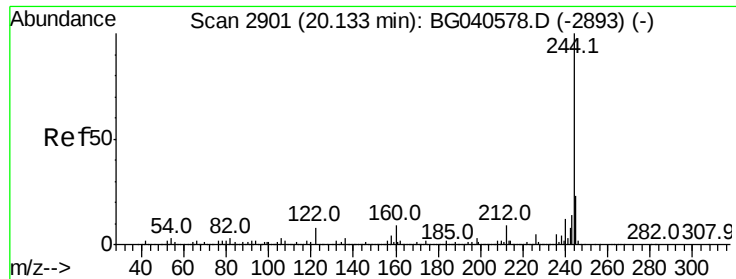


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.585 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG040618.D

Acq: 25 Apr 2019 19:54

Instrument :

BNA_G

ClientSampled :

S37-0012

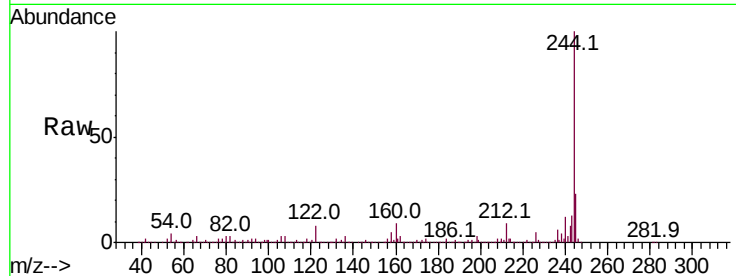
Tot Ion:244 Resp: 1606489

Ion Ratio Lower Upper

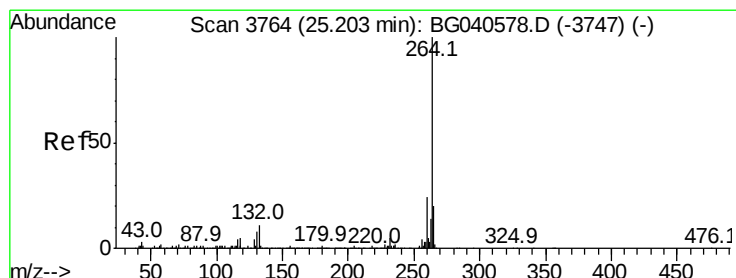
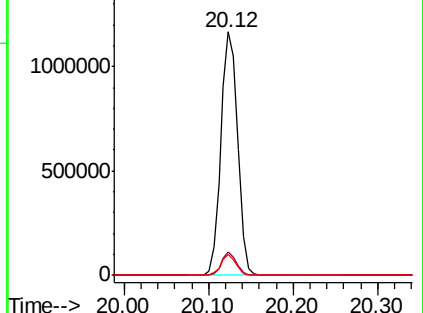
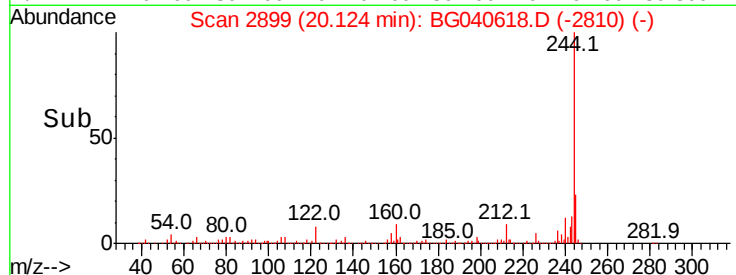
244 100

212 9.4 7.2 10.8

122 8.5 6.6 10.0



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: 25.19 min Scan# 3761

Delta R.T. -0.01 min

Lab File: BG040618.D

Acq: 25 Apr 2019 19:54

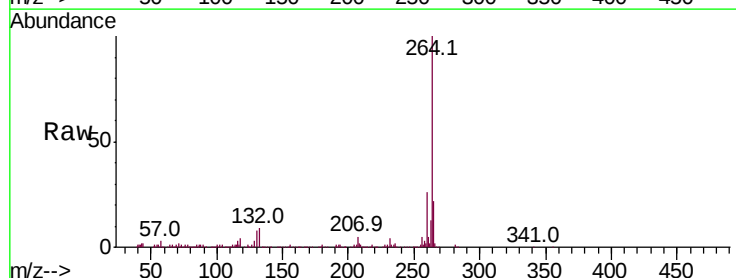
Tgt Ion:264 Resp: 479695

Ion Ratio Lower Upper

264 100

260 25.6 19.2 28.8

265 22.1 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

