

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
 Data File : BG040608.D
 Acq On : 25 Apr 2019 13:36
 Operator : JU/SJ
 Sample : K2535-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016

Quant Time: Apr 26 00:04:14 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	45281	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	188828	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	142764	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	386496	20.00	ng	0.00
76) Chrysene-d12	21.82	240	398973	20.00	ng	0.00
87) Perylene-d12	25.19	264	417901	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	144025	56.07	ng	0.00
7) Phenol-d6	7.29	99	135450	34.25	ng	0.00
23) Nitrobenzene-d5	9.33	82	366268	89.63	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	272119	138.67	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	782807	79.19	ng	0.00
79) Terphenyl-d14	20.13	244	1662083	92.29	ng	0.00

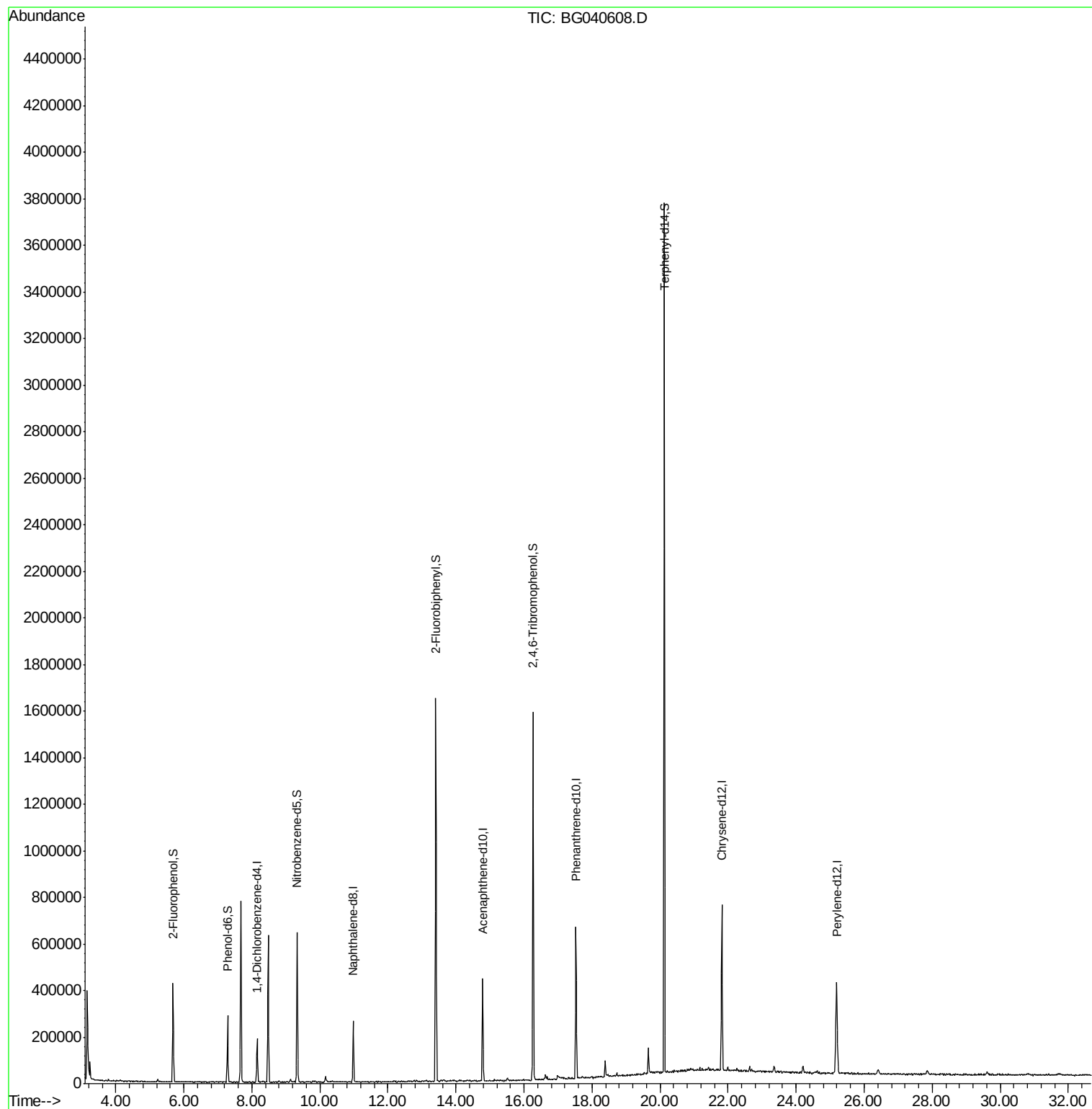
Target Compounds Qvalue

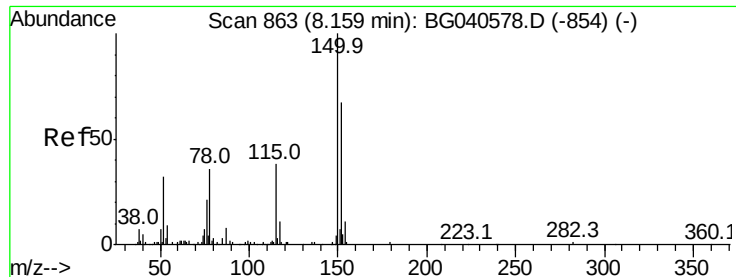
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
Data File : BG040608.D
Acq On : 25 Apr 2019 13:36
Operator : JU/SJ
Sample : K2535-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S37-0016

Quant Time: Apr 26 00:04:14 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



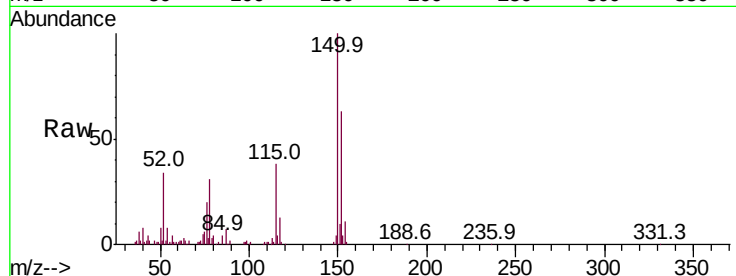


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.16 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: BG040608.D
 Acq: 25 Apr 2019 13:36

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	120.2	180.2
115	60.0	46.2	69.2

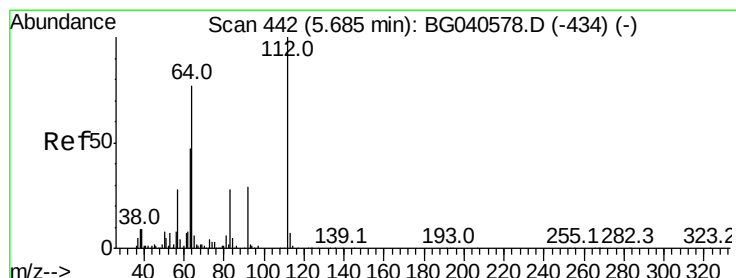
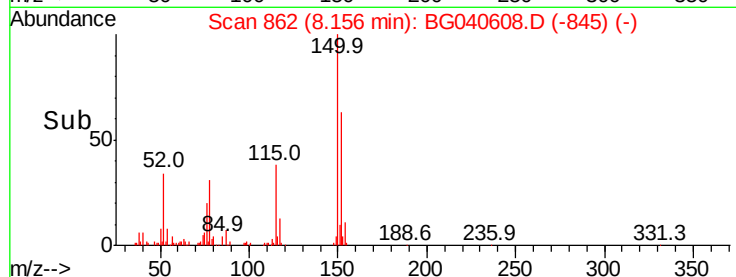
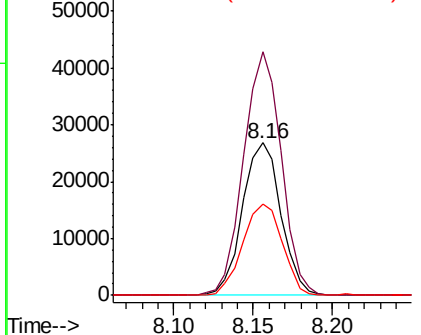


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

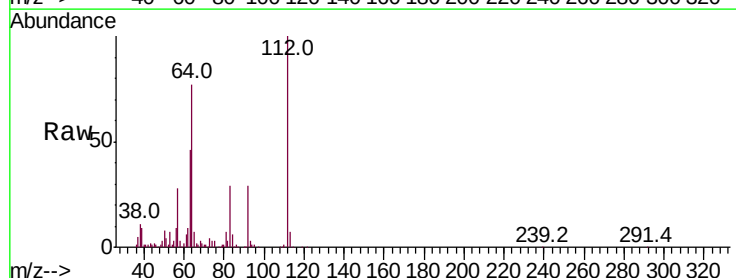
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 56.068 ng
 RT: 5.68 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: BG040608.D
 Acq: 25 Apr 2019 13:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.3	61.4	92.0
63	46.0	37.8	56.6

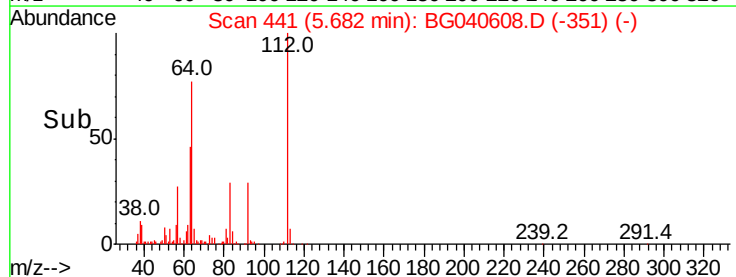
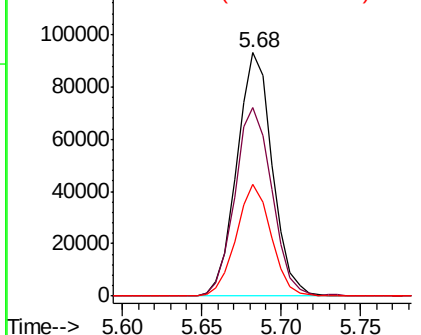


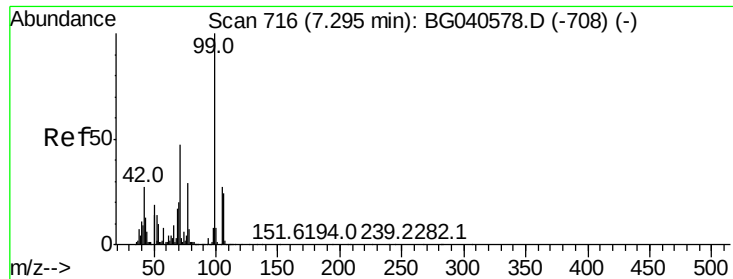
Abundance

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: 34.247 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040608.D

Acq: 25 Apr 2019 13:36

Instrument :

BNA_G

ClientSampleId :

S37-0016

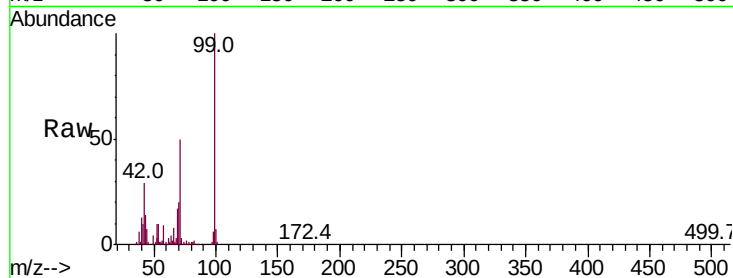
Tot Ion: 99 Resp: 135450

Ion Ratio Lower Upper

99 100

42 28.7 21.8 32.8

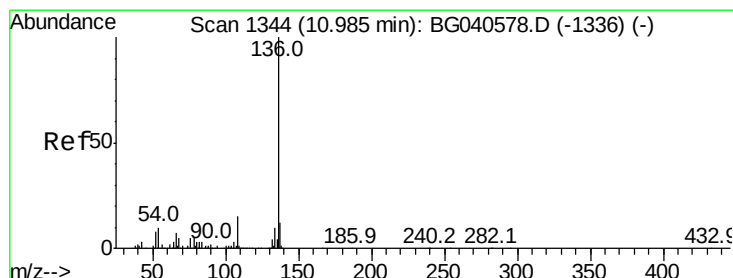
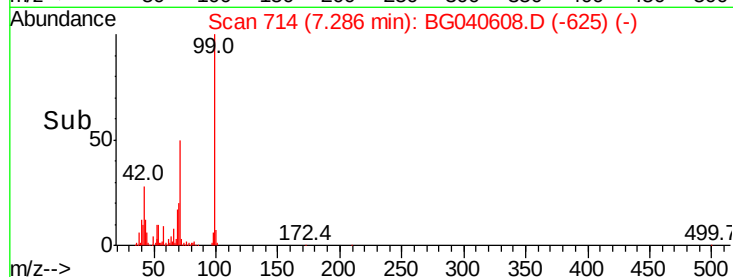
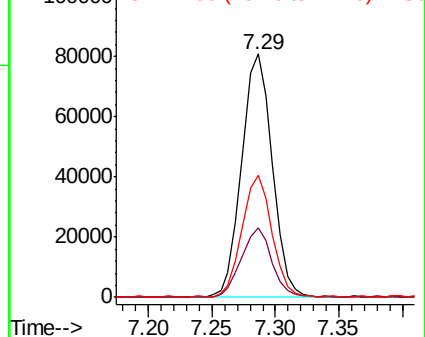
71 49.9 38.6 57.8



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# 1343

Delta R.T. -0.00 min

Lab File: BG040608.D

Acq: 25 Apr 2019 13:36

Tgt Ion: 136 Resp: 188828

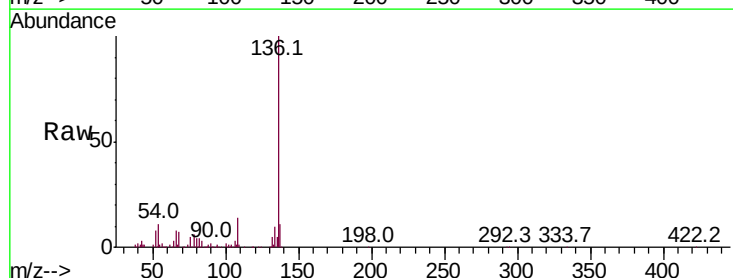
Ion Ratio Lower Upper

136 100

137 11.3 9.7 14.5

54 10.9 8.6 12.8

68 6.5 4.8 7.2

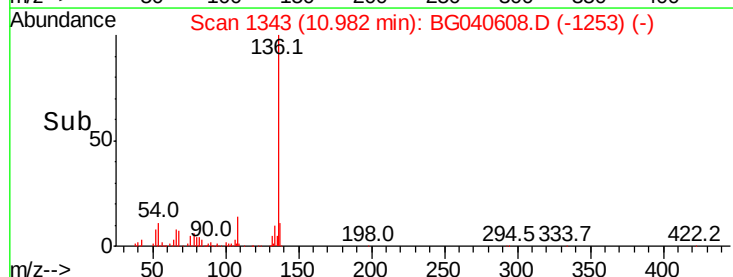
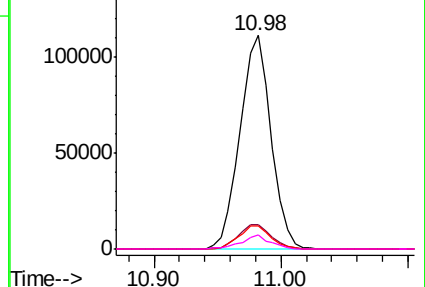


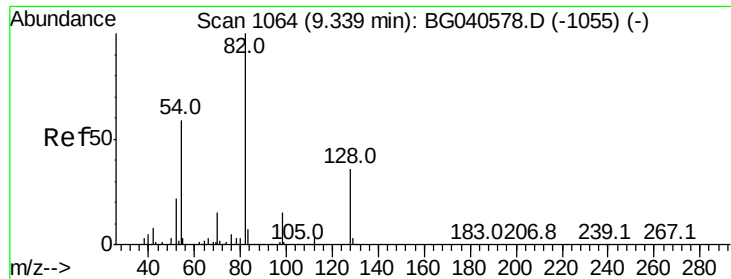
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

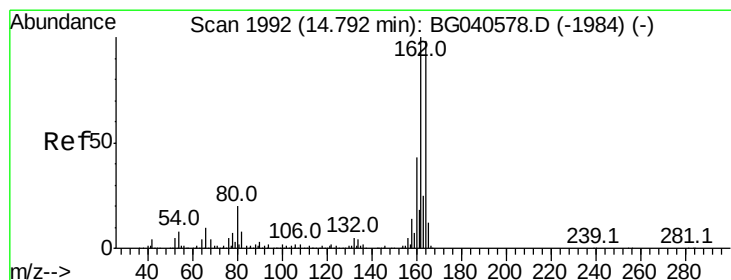
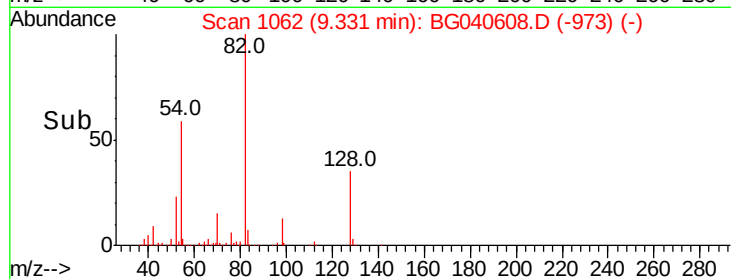
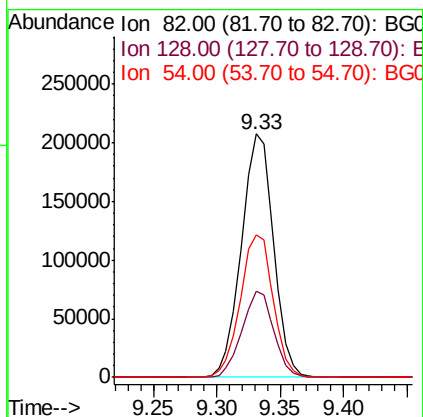
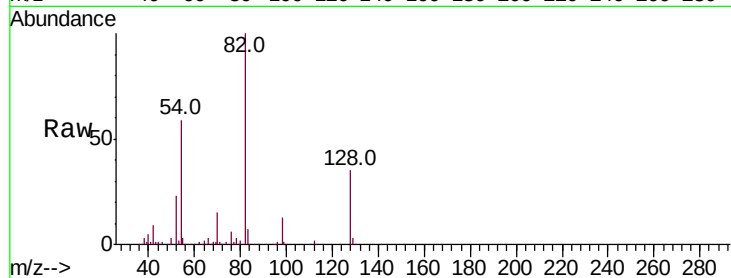




#23
Nitrobenzene-d5
Concen: 89.626 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BG040608.D
Acq: 25 Apr 2019 13:36

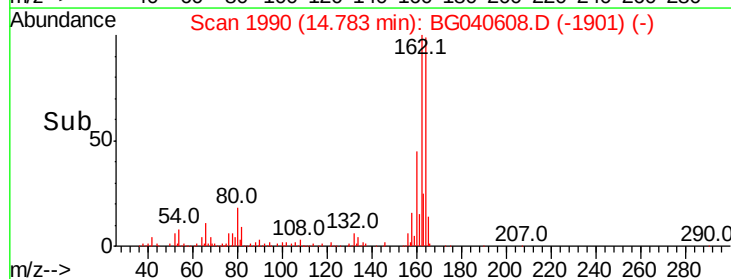
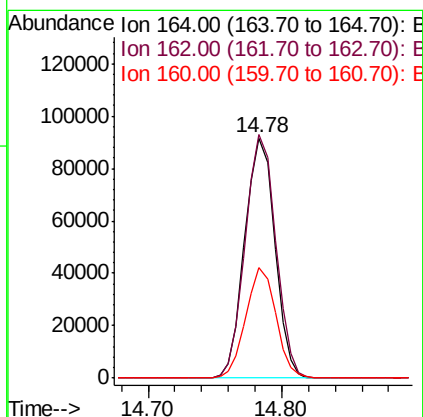
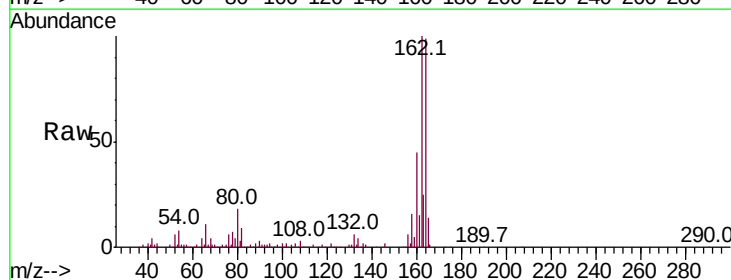
Instrument :
BNA_G
ClientSampleId :
S37-0016

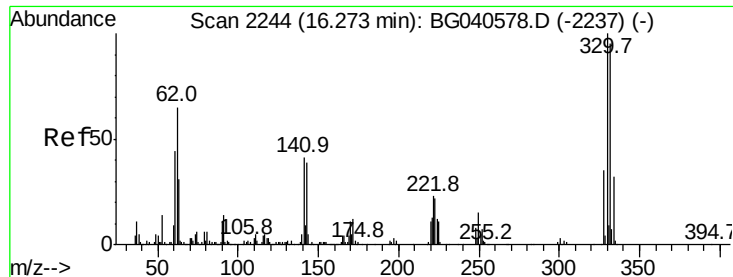
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.9	43.3
54	58.8	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG040608.D
Acq: 25 Apr 2019 13:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.9	122.9
160	46.0	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 138.672 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BG040608.D

Acq: 25 Apr 2019 13:36

Instrument :

BNA_G

ClientSampleId :

S37-0016

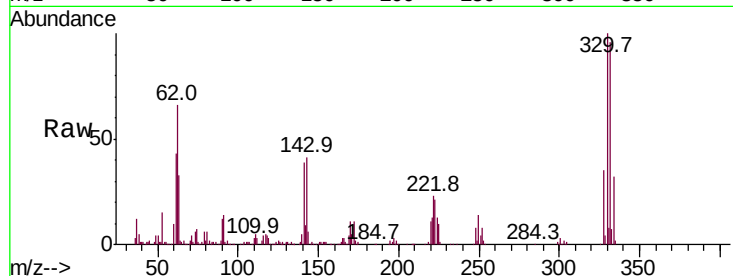
Tot Ion:330 Resp: 272119

Ion Ratio Lower Upper

330 100

332 95.3 75.9 113.9

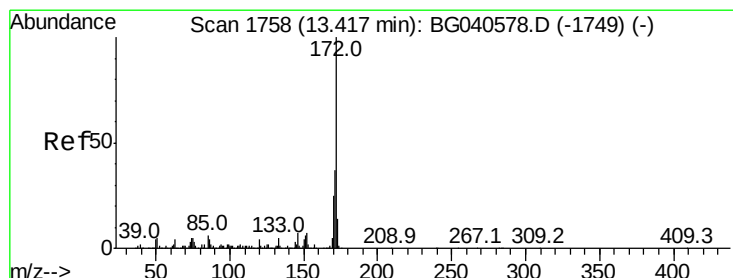
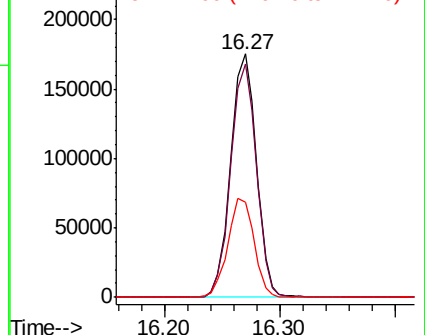
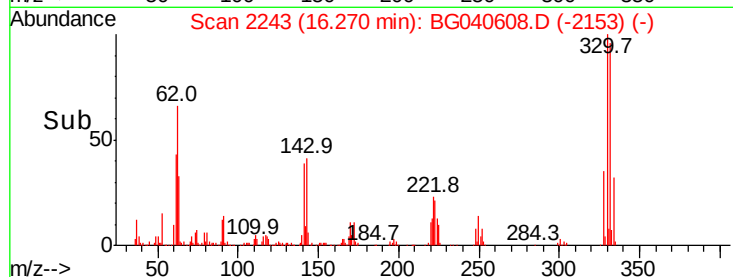
141 41.3 32.4 48.6



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: 79.189 ng

RT: 13.41 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG040608.D

Acq: 25 Apr 2019 13:36

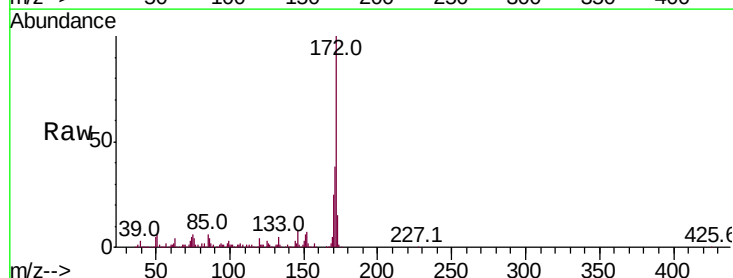
Tgt Ion:172 Resp: 782807

Ion Ratio Lower Upper

172 100

171 37.7 29.4 44.2

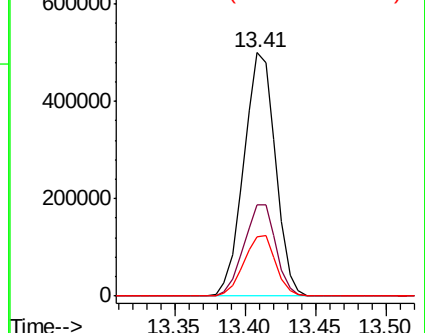
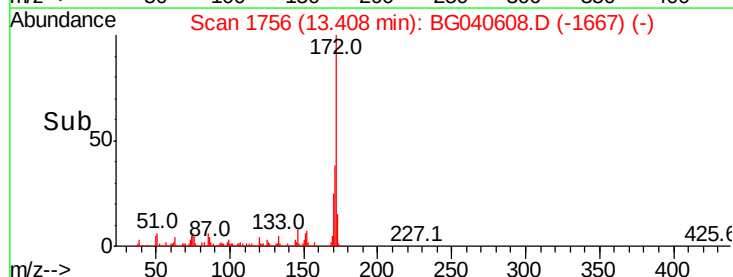
170 24.5 19.9 29.9

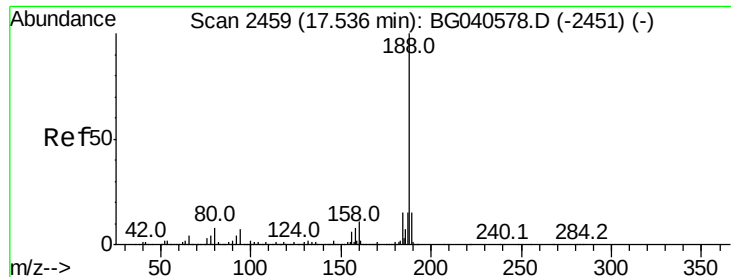


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG040608.D

Acq: 25 Apr 2019 13:36

Instrument :

BNA_G

ClientSampleId :

S37-0016

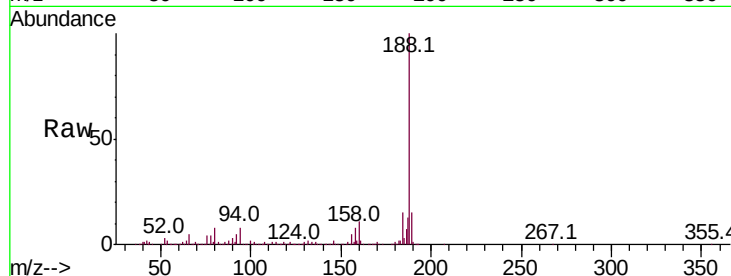
Tot Ion:188 Resp: 386496

Ion Ratio Lower Upper

188 100

94 7.7 5.6 8.4

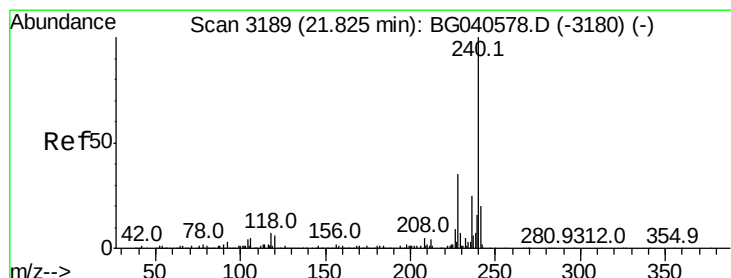
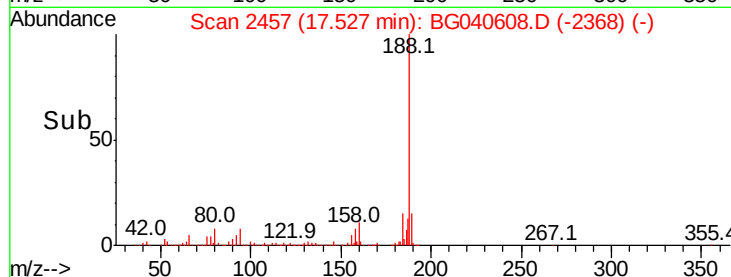
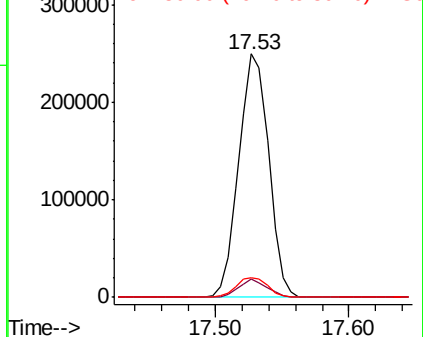
80 8.2 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3187

Delta R.T. -0.01 min

Lab File: BG040608.D

Acq: 25 Apr 2019 13:36

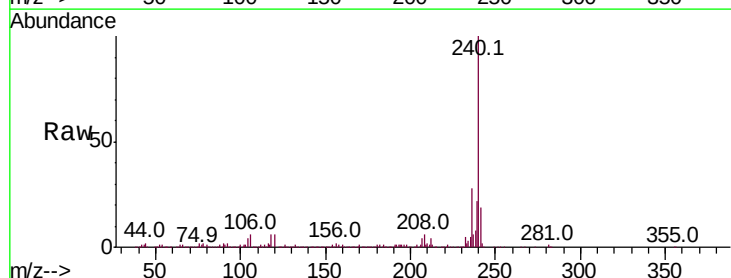
Tgt Ion:240 Resp: 398973

Ion Ratio Lower Upper

240 100

120 6.0 5.0 7.6

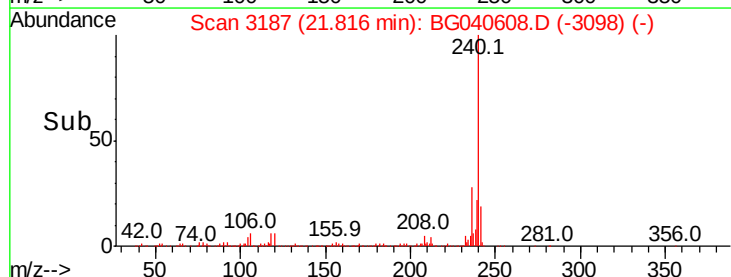
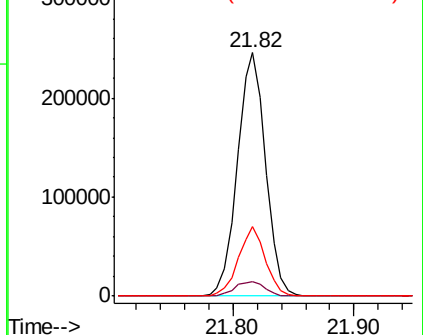
236 28.4 20.3 30.5

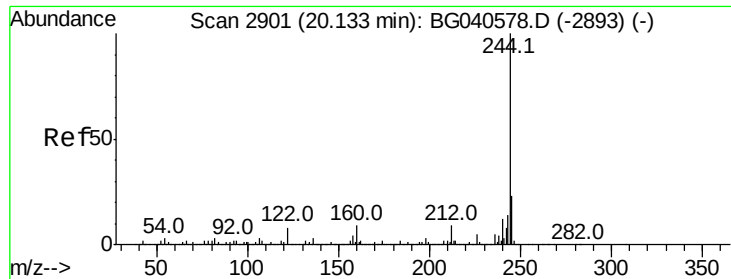


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.292 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG040608.D

Acq: 25 Apr 2019 13:36

Instrument :

BNA_G

ClientSampleId :

S37-0016

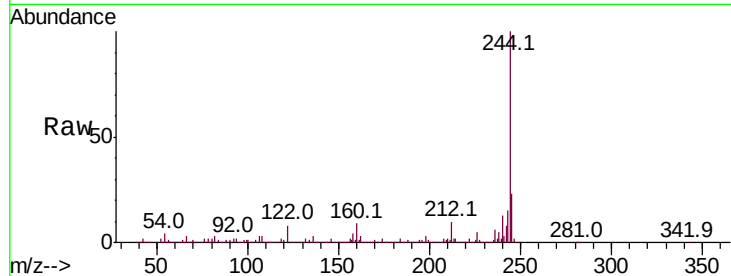
Tot Ion:244 Resp: 1662083

Ion Ratio Lower Upper

244 100

212 9.9 7.2 10.8

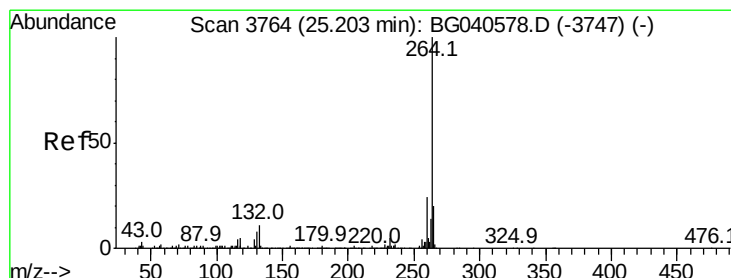
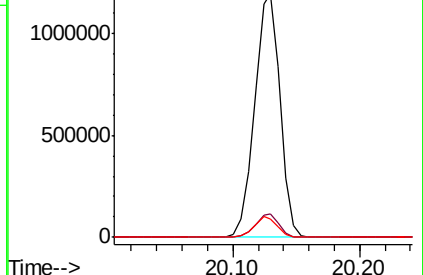
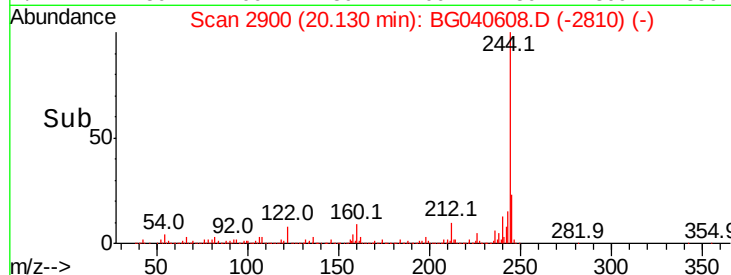
122 7.8 6.6 10.0



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: BG040608.D

Acq: 25 Apr 2019 13:36

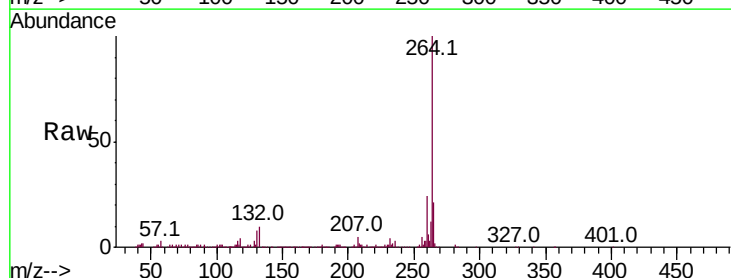
Tgt Ion:264 Resp: 417901

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.2 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

