

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
 Data File : BG039652.D
 Acq On : 28 Feb 2019 3:13
 Operator : JU/SJ
 Sample : K1350-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-022619-C

Quant Time: Feb 28 07:26:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	53153	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	229592	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	158201	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	370657	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	366434	20.00	ng	-0.03
87) Perylene-d12	25.20	264	351888	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	448991	144.57	ng	0.00
7) Phenol-d6	7.32	99	602401	131.78	ng	0.00
23) Nitrobenzene-d5	9.34	82	425042	115.65	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	233557	137.10	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	1070061	97.03	ng	-0.02
79) Terphenyl-d14	20.13	244	1513551	87.43	ng	-0.02

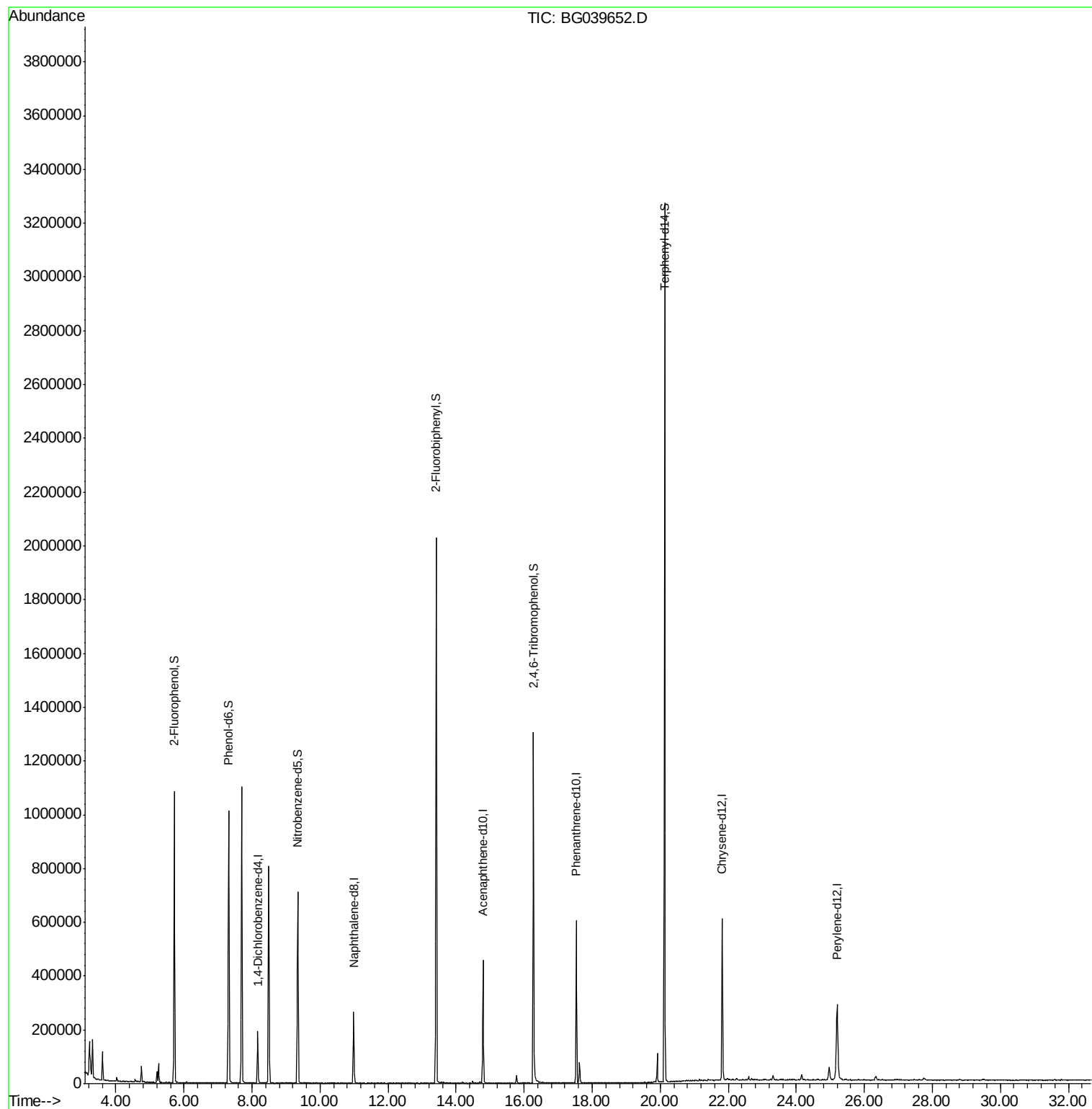
Target Compounds Qvalue

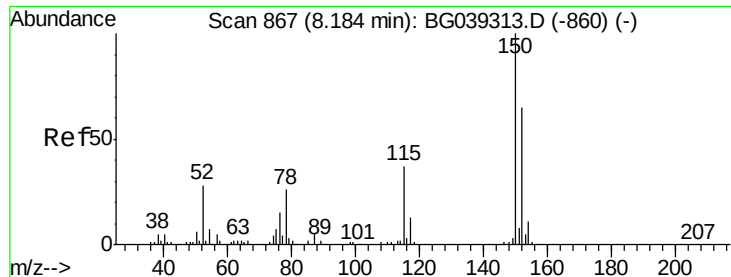
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039652.D
Acq On : 28 Feb 2019 3:13
Operator : JU/SJ
Sample : K1350-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-01-022619-C

Quant Time: Feb 28 07:26:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



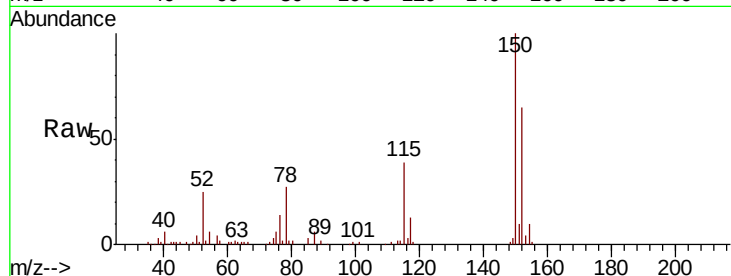


#1

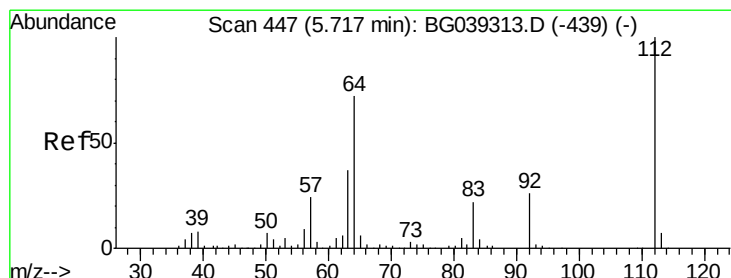
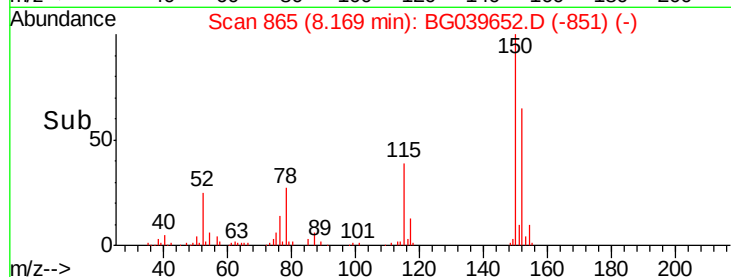
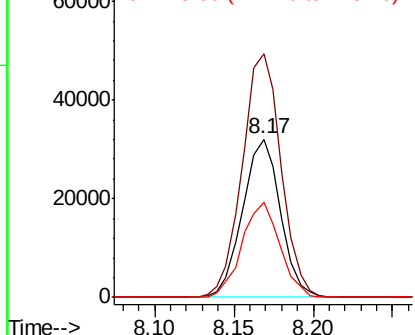
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039652.D
Acq: 28 Feb 2019 3:13

Instrument :
BNA_G
ClientSampleId :
EO-01-022619-C

Tot Ion:152 Resp: 53153
Ion Ratio Lower Upper
152 100
150 154.0 123.7 185.5
115 60.0 45.9 68.9



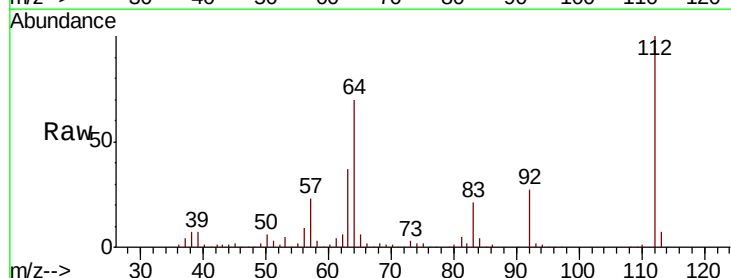
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



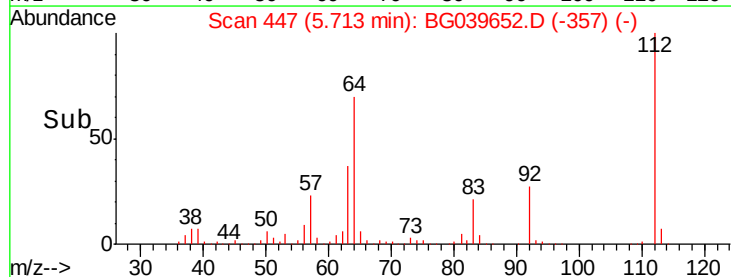
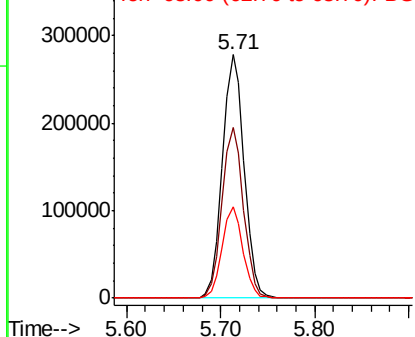
#5

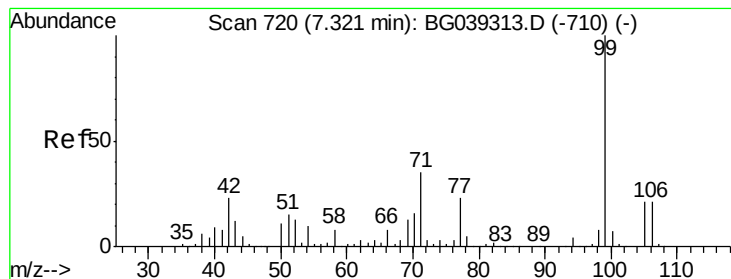
2-Fluorophenol
Concen: 144.574 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039652.D
Acq: 28 Feb 2019 3:13

Tgt Ion:112 Resp: 448991
Ion Ratio Lower Upper
112 100
64 70.3 57.8 86.8
63 37.2 29.8 44.6



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: 131.776 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039652.D

Acq: 28 Feb 2019 3:13

Instrument :

BNA_G

ClientSampleId :

EO-01-022619-C

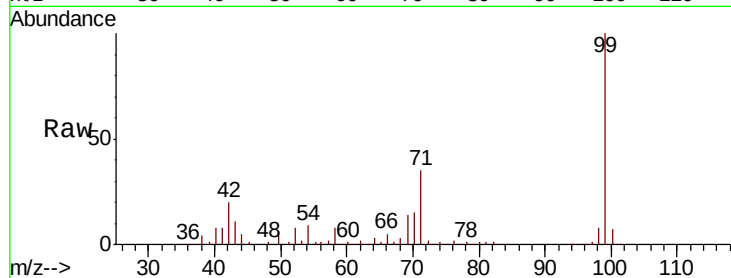
Tot Ion: 99 Resp: 602401

Ion Ratio Lower Upper

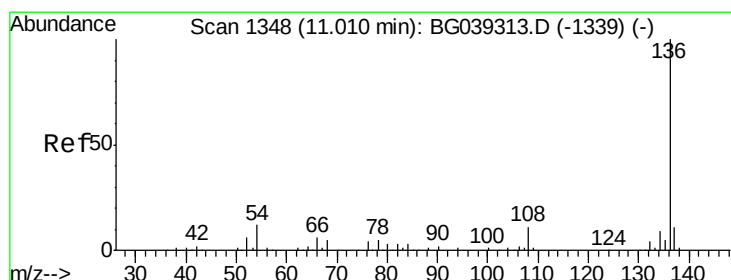
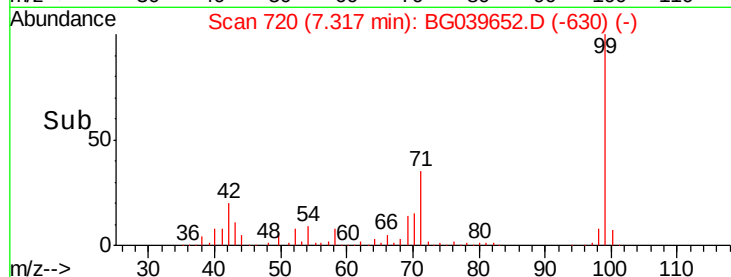
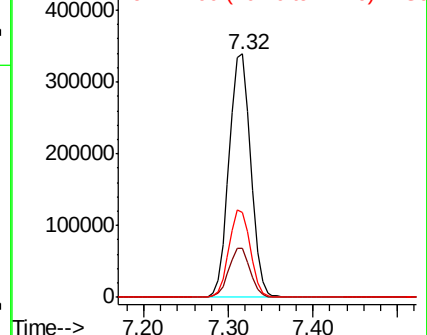
99 100

42 20.0 18.2 27.2

71 34.9 28.0 42.0



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: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039652.D

Acq: 28 Feb 2019 3:13

Tgt Ion: 136 Resp: 229592

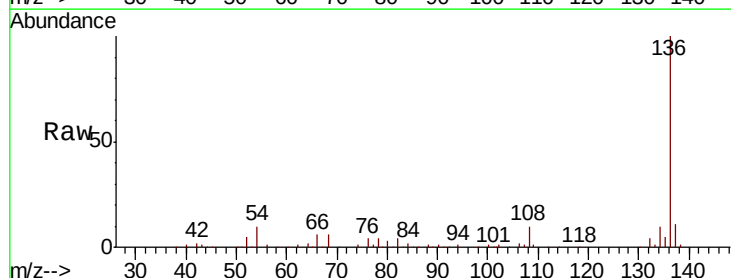
Ion Ratio Lower Upper

136 100

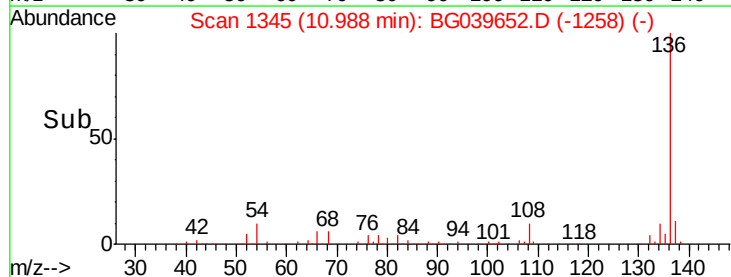
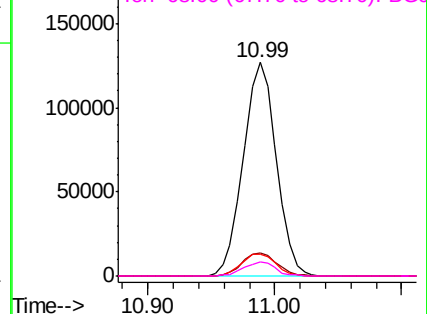
137 10.7 9.1 13.7

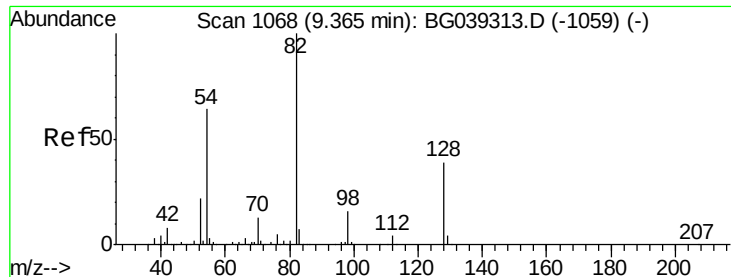
54 10.2 9.4 14.2

68 6.4 4.2 6.4#



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

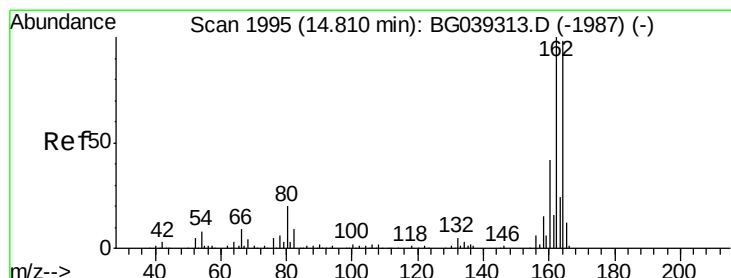
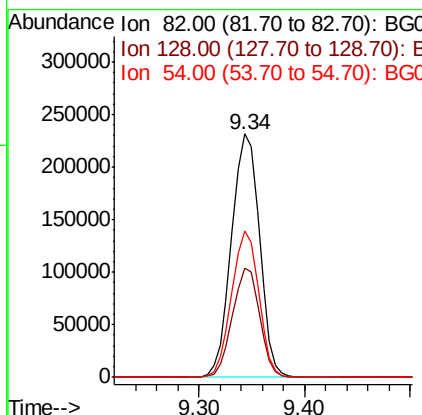
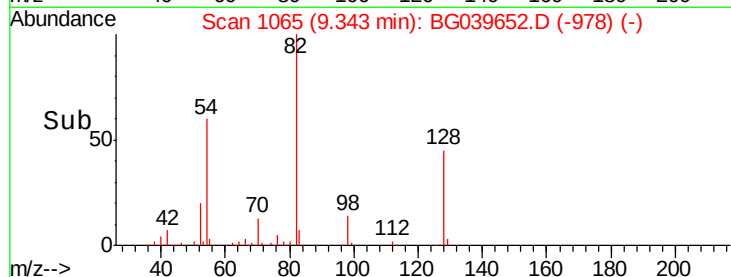
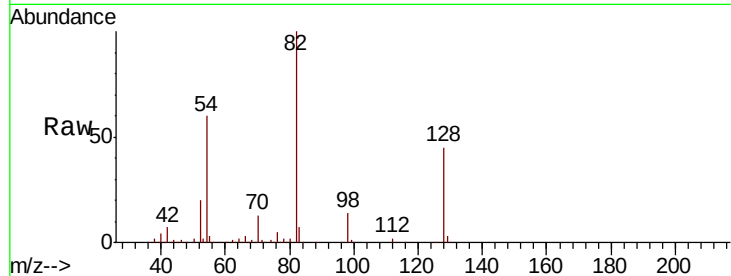




#23
Nitrobenzene-d5
Concen: 115.653 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039652.D
Acq: 28 Feb 2019 3:13

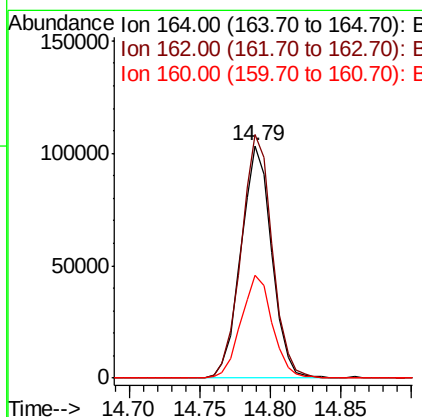
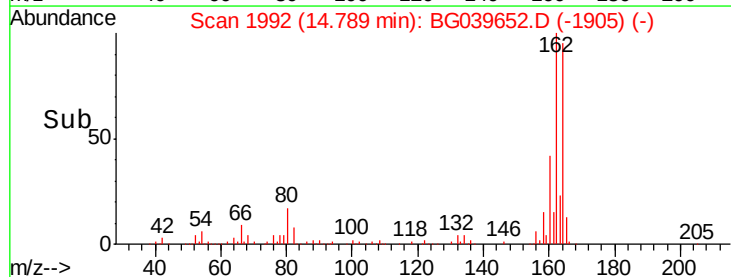
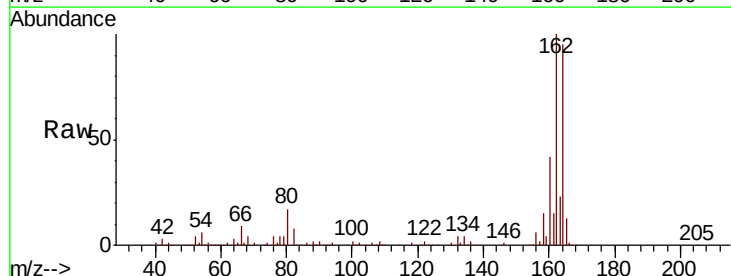
Instrument :
BNA_G
ClientSampleId :
EO-01-022619-C

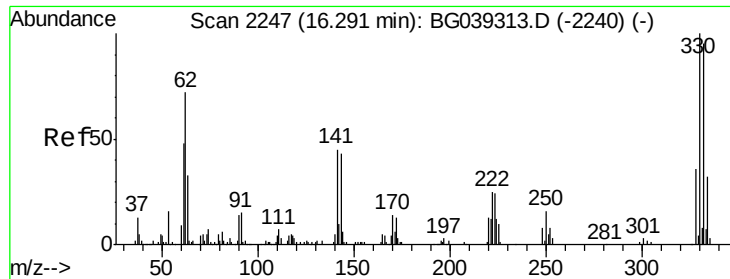
Tot Ion	82	Resp	425042
Ion Ratio	100	Lower	Upper
128	45.0	31.3	46.9
54	60.1	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039652.D
Acq: 28 Feb 2019 3:13

Tgt Ion	164	Resp	158201
Ion Ratio	100	Lower	Upper
162	104.8	81.6	122.4
160	44.3	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 137.100 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.02 min

Lab File: BG039652.D

Acq: 28 Feb 2019 3:13

Instrument :

BNA_G

ClientSampleId :

EO-01-022619-C

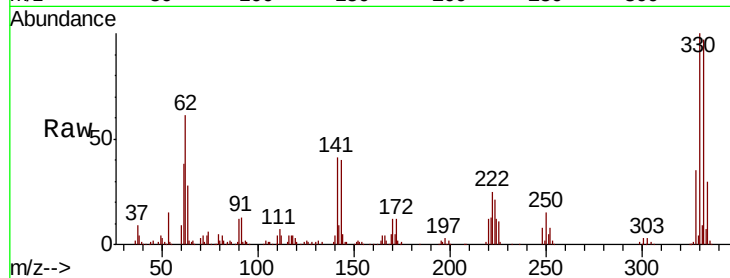
Tot Ion:330 Resp: 233557

Ion Ratio Lower Upper

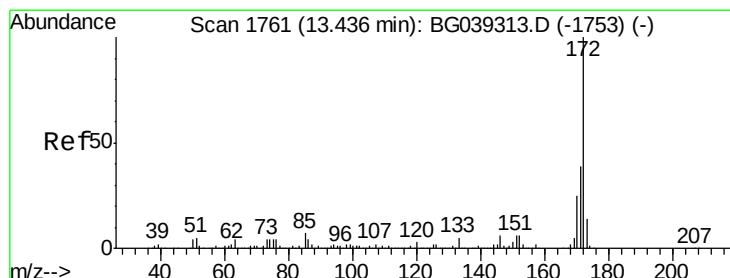
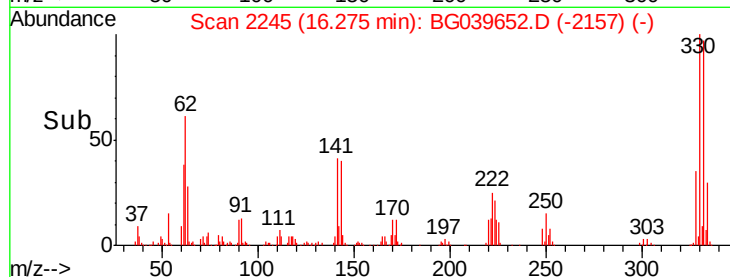
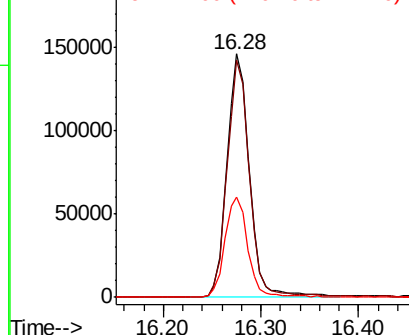
330 100

332 97.1 75.7 113.5

141 42.1 35.6 53.4



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: 97.032 ng

RT: 13.41 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039652.D

Acq: 28 Feb 2019 3:13

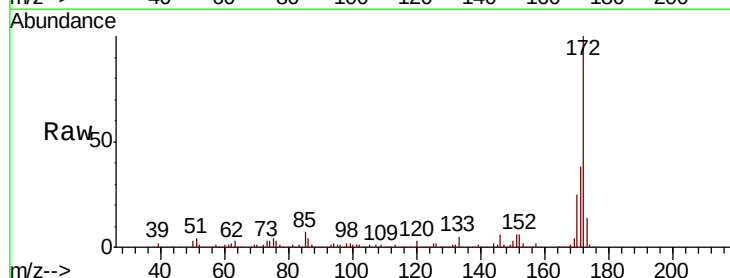
Tgt Ion:172 Resp: 1070061

Ion Ratio Lower Upper

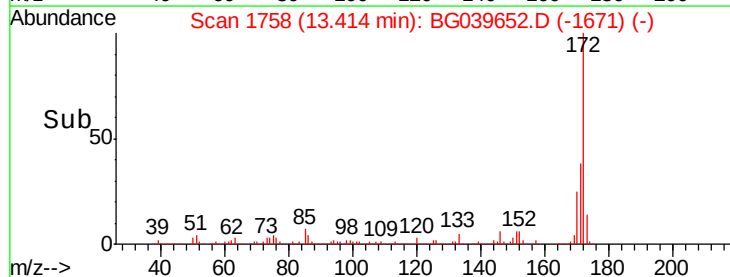
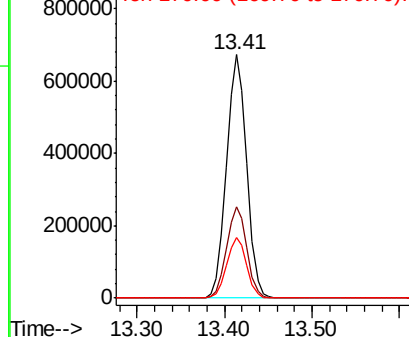
172 100

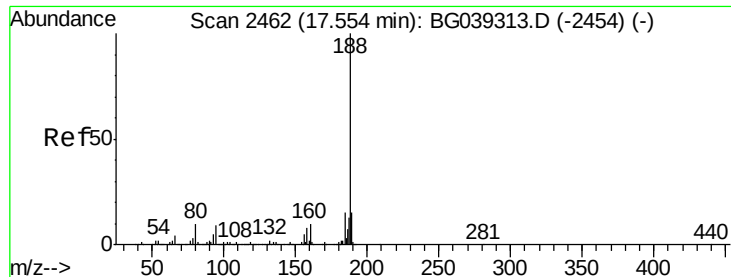
171 37.7 30.8 46.2

170 24.9 20.2 30.4



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# 2459

Delta R.T. -0.02 min

Lab File: BG039652.D

Acq: 28 Feb 2019 3:13

Instrument :

BNA_G

ClientSampleId :

EO-01-022619-C

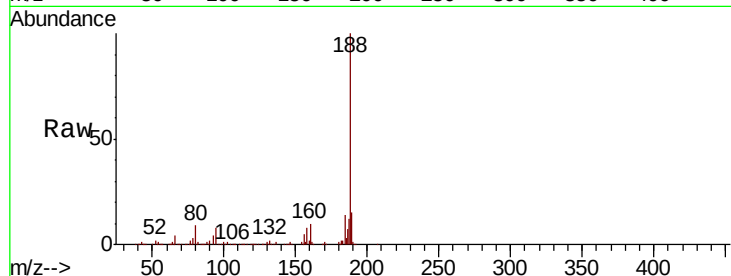
Tot Ion:188 Resp: 370657

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

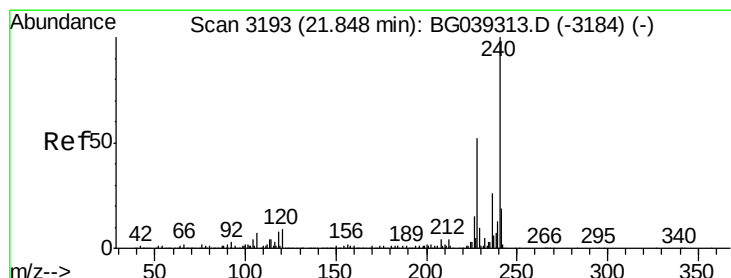
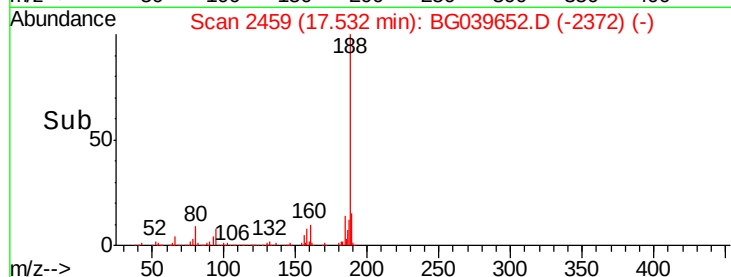
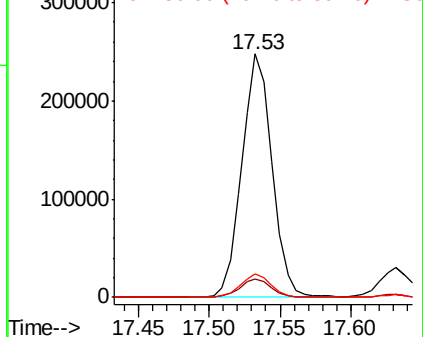
80 9.5 8.1 12.1



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# 3189

Delta R.T. -0.03 min

Lab File: BG039652.D

Acq: 28 Feb 2019 3:13

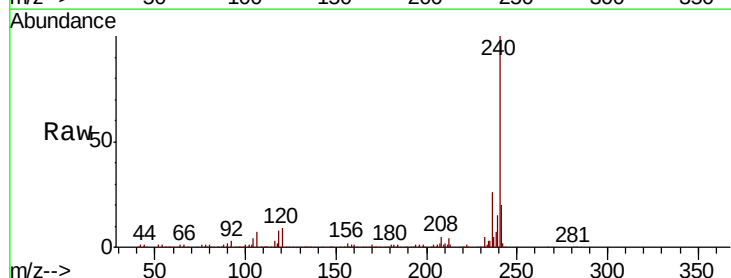
Tgt Ion:240 Resp: 366434

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

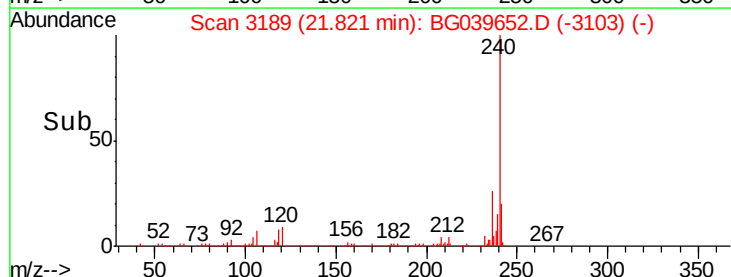
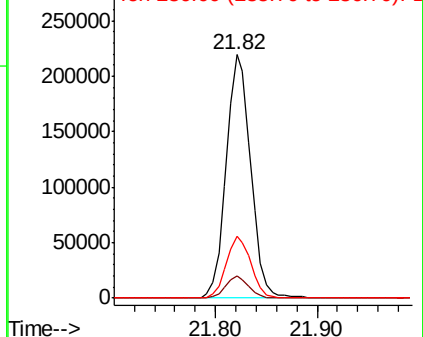
236 25.7 21.0 31.4

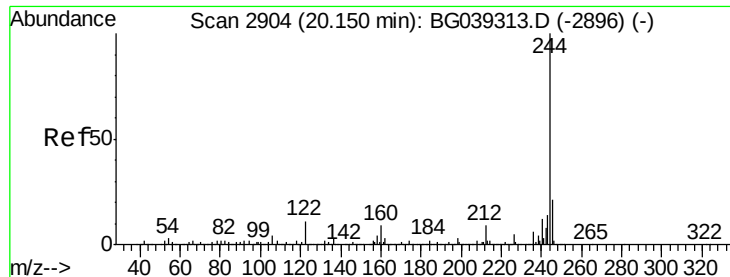


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

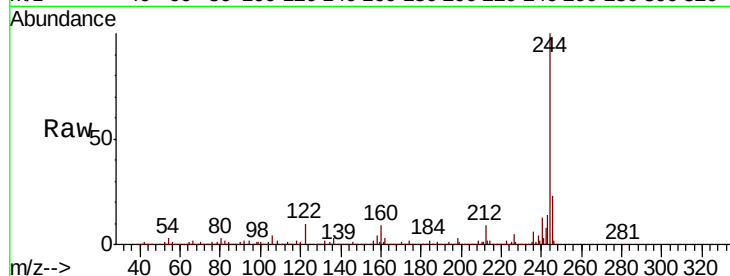




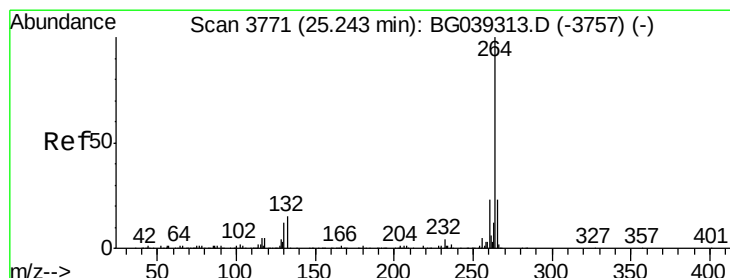
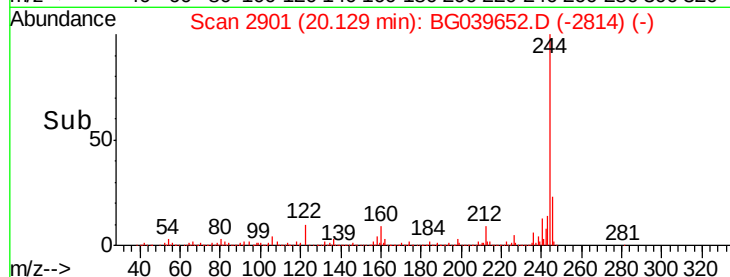
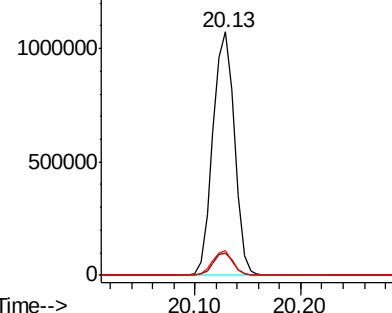
#79
 Terphenyl-d14
 Concen: 87.430 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039652.D
 Acq: 28 Feb 2019 3:13

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-022619-C

Tot Ion:244 Resp: 1513551
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.3 10.9
 122 10.1 8.4 12.6

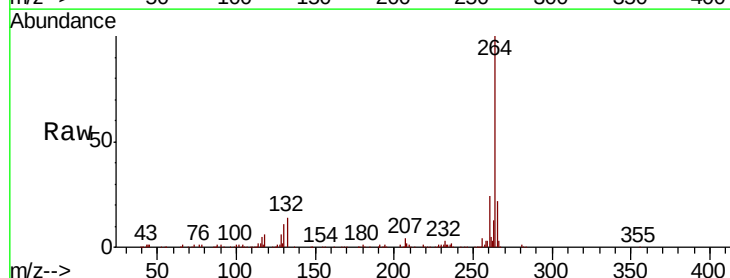


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.20 min Scan# 3764
 Delta R.T. -0.04 min
 Lab File: BG039652.D
 Acq: 28 Feb 2019 3:13

Tgt Ion:264 Resp: 351888
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.2 27.4
 265 22.1 18.5 27.7



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

