

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
 Data File : BG039651.D
 Acq On : 28 Feb 2019 2:33
 Operator : JU/SJ
 Sample : K1350-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Feb 28 07:23:07 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	55316	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	223453	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	140976	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	356694	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	391794	20.00	ng	-0.02
87) Perylene-d12	25.20	264	381008	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	434751	134.51	ng	0.00
7) Phenol-d6	7.31	99	553296	116.30	ng	0.00
23) Nitrobenzene-d5	9.35	82	404761	113.16	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	220161	145.03	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	942178	95.87	ng	-0.02
79) Terphenyl-d14	20.13	244	1551592	83.83	ng	-0.02

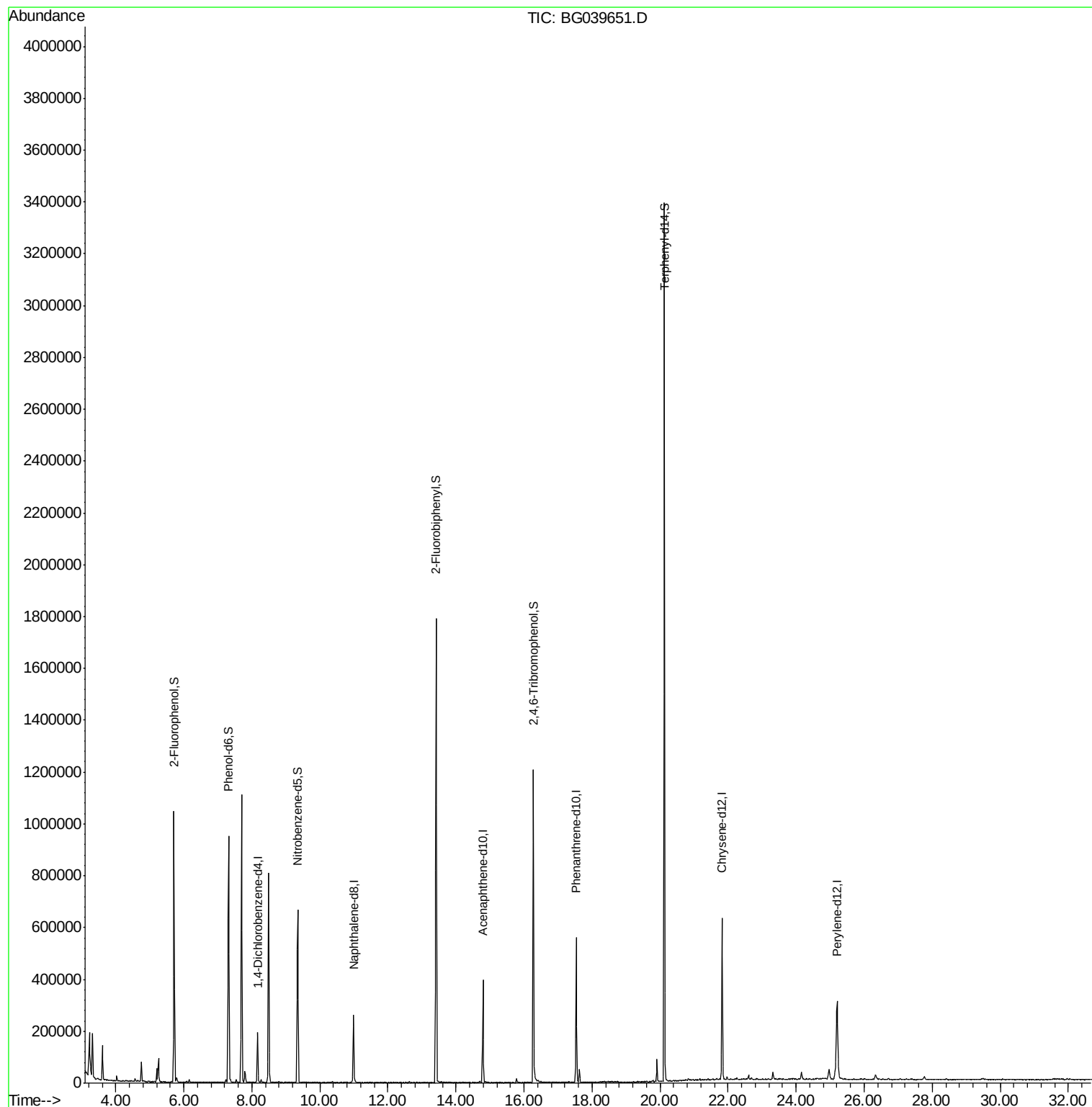
Target Compounds Qvalue

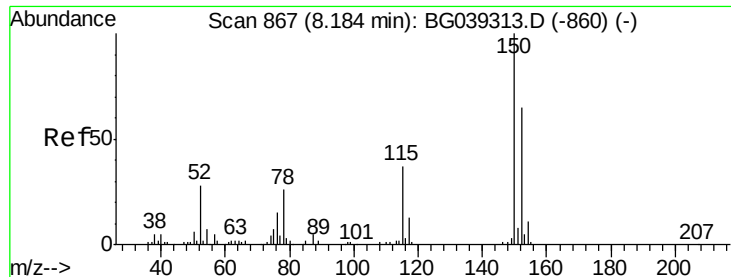
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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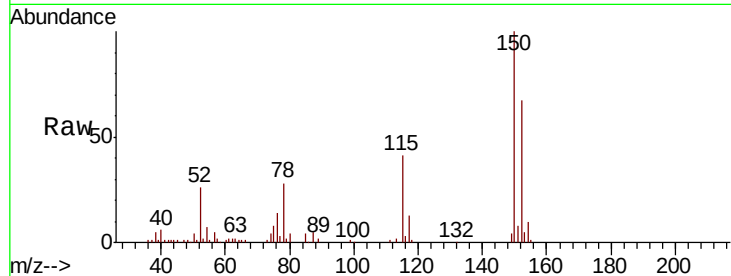


#1

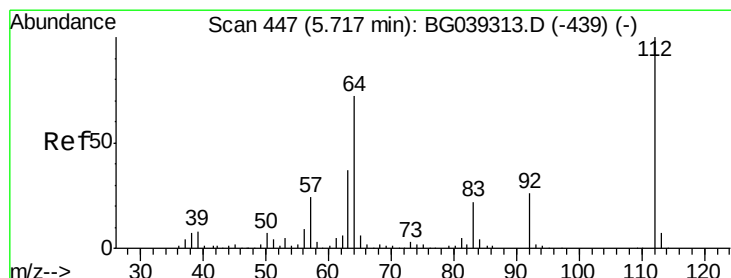
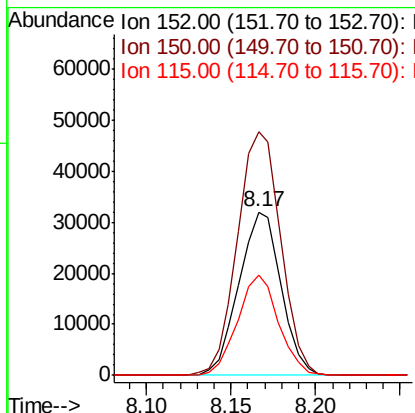
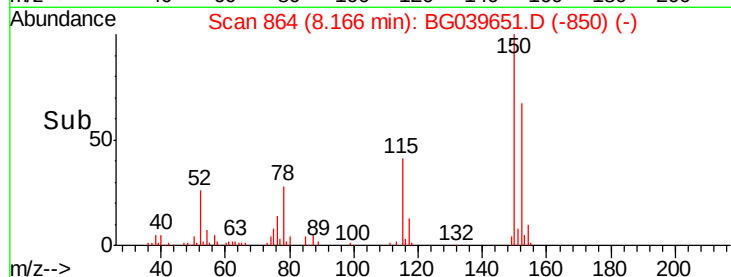
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039651.D
Acq: 28 Feb 2019 2:33

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

Tot Ion:152 Resp: 55316
Ion Ratio Lower Upper
152 100
150 149.2 123.7 185.5
115 61.2 45.9 68.9



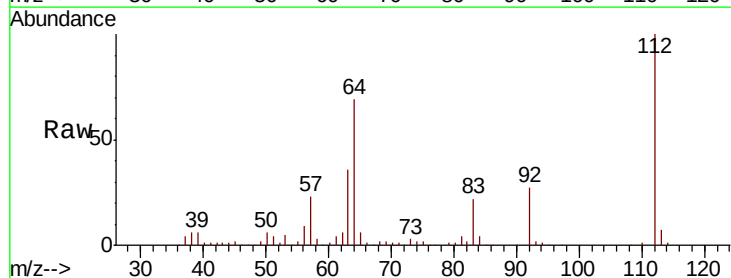
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



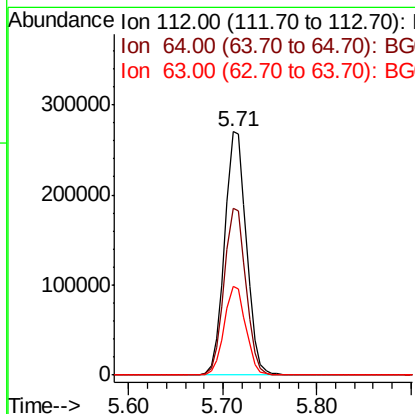
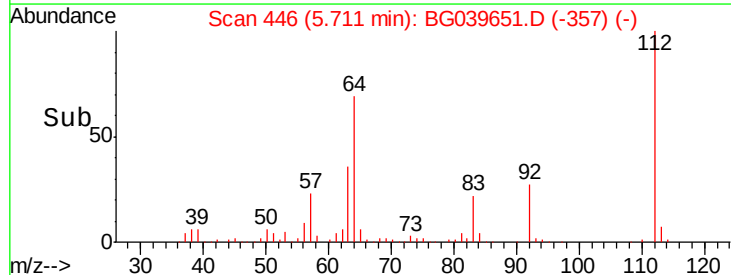
#5

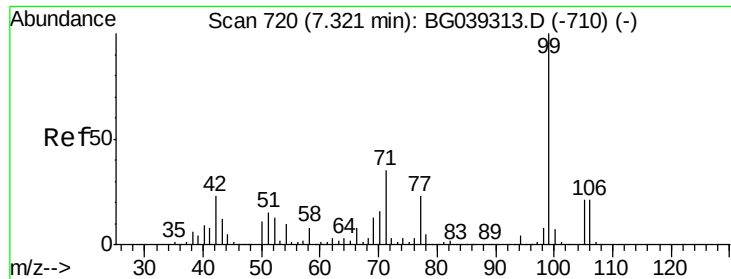
2-Fluorophenol
Concen: 134.514 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039651.D
Acq: 28 Feb 2019 2:33

Tgt Ion:112 Resp: 434751
Ion Ratio Lower Upper
112 100
64 68.7 57.8 86.8
63 36.3 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: 116.302 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039651.D

Acq: 28 Feb 2019 2:33

Instrument :

BNA_G

ClientSampleId :

EO-01-022619-B

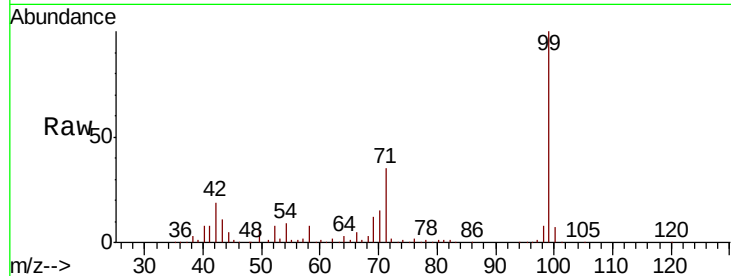
Tot Ion: 99 Resp: 553296

Ion Ratio Lower Upper

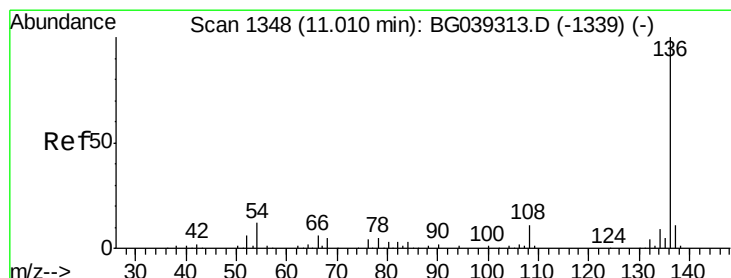
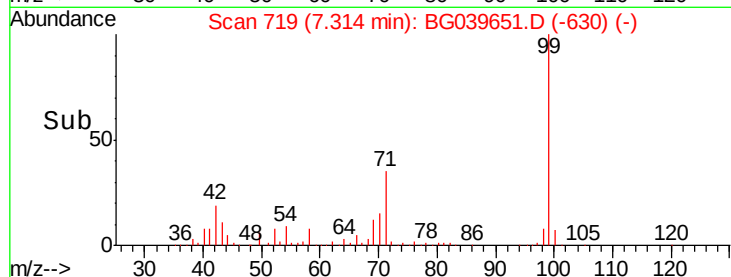
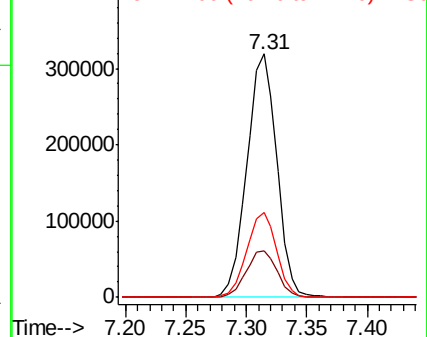
99 100

42 19.3 18.2 27.2

71 35.1 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# 1344

Delta R.T. -0.02 min

Lab File: BG039651.D

Acq: 28 Feb 2019 2:33

Tgt Ion: 136 Resp: 223453

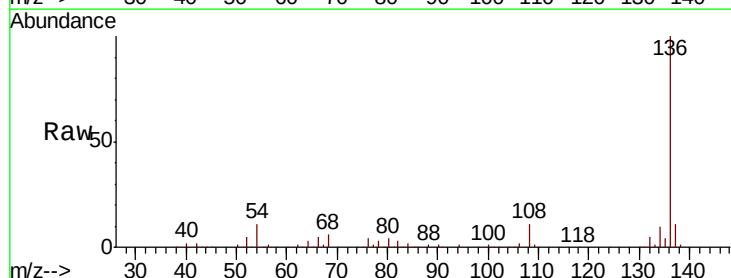
Ion Ratio Lower Upper

136 100

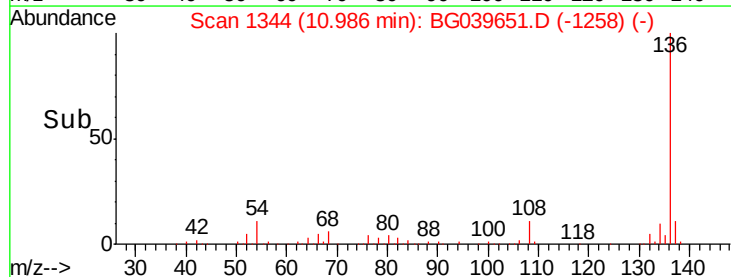
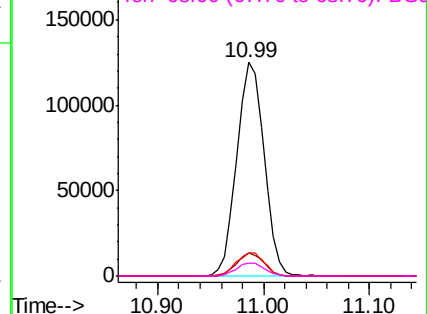
137 10.6 9.1 13.7

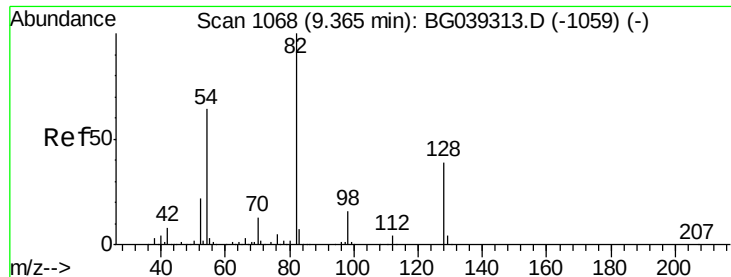
54 11.0 9.4 14.2

68 6.2 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: 113.161 ng

RT: 9.35 min Scan# 1065

Delta R.T. -0.02 min

Lab File: BG039651.D

Acq: 28 Feb 2019 2:33

Instrument :

BNA_G

ClientSampleId :

EO-01-022619-B

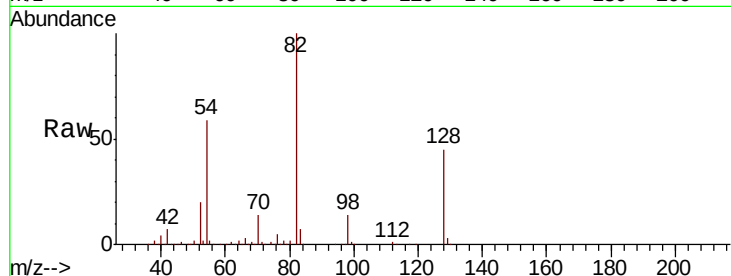
Tot Ion: 82 Resp: 404761

Ion Ratio Lower Upper

82 100

128 45.0 31.3 46.9

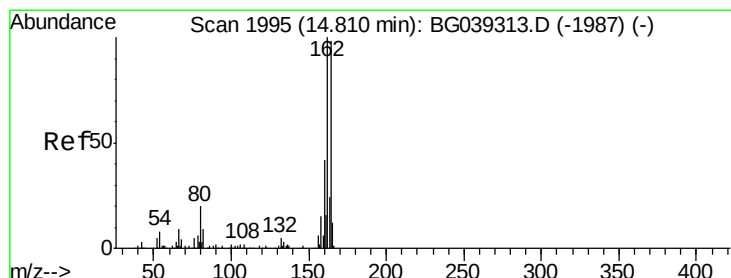
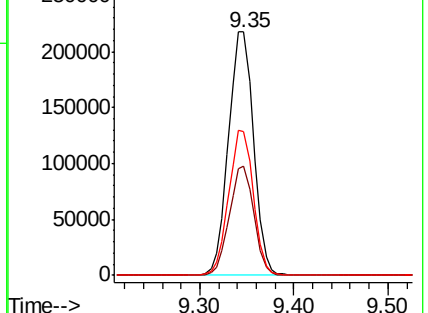
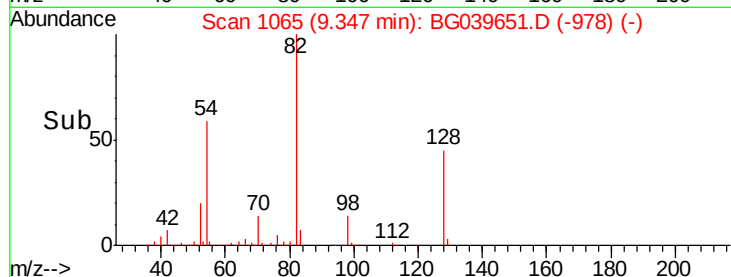
54 58.8 50.9 76.3



Abundance Ion 82.00 (81.70 to 82.70): BG039313.D (-1059) (-)

Ion 128.00 (127.70 to 128.70): BG039313.D (-1059) (-)

Ion 54.00 (53.70 to 54.70): BG039313.D (-1059) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BG039651.D

Acq: 28 Feb 2019 2:33

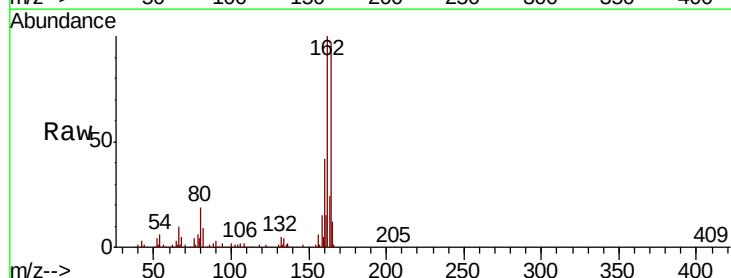
Tgt Ion:164 Resp: 140976

Ion Ratio Lower Upper

164 100

162 102.8 81.6 122.4

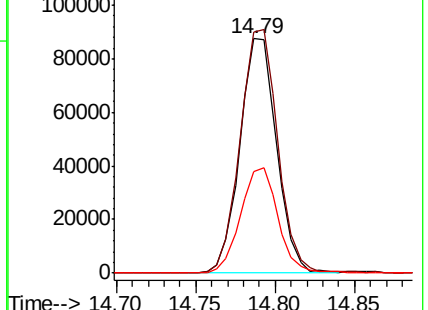
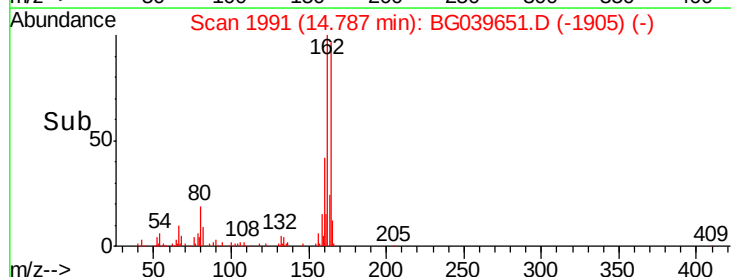
160 43.2 34.2 51.2

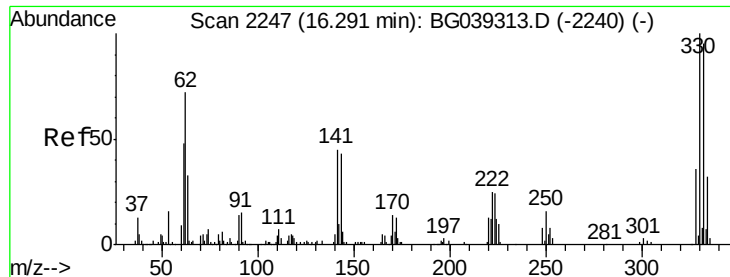


Abundance Ion 164.00 (163.70 to 164.70): BG039313.D (-1987) (-)

Ion 162.00 (161.70 to 162.70): BG039313.D (-1987) (-)

Ion 160.00 (159.70 to 160.70): BG039313.D (-1987) (-)





#42

2,4,6-Tribromophenol

Concen: 145.027 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039651.D

Acq: 28 Feb 2019 2:33

Instrument :

BNA_G

ClientSampleId :

EO-01-022619-B

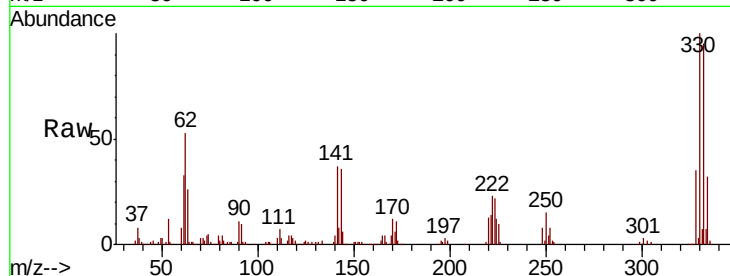
Tot Ion:330 Resp: 220161

Ion Ratio Lower Upper

330 100

332 96.5 75.7 113.5

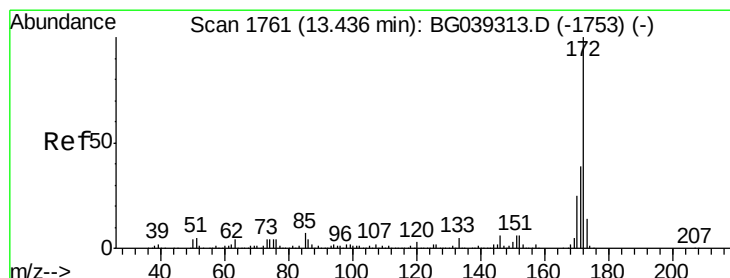
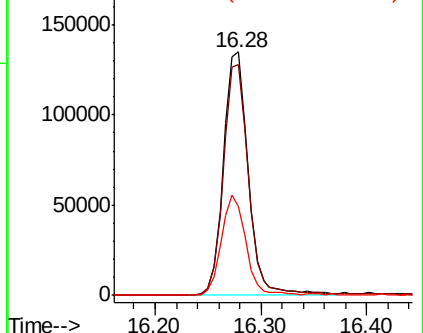
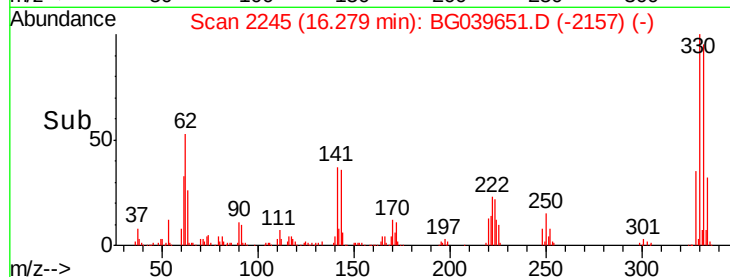
141 40.8 35.6 53.4



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: 95.875 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.02 min

Lab File: BG039651.D

Acq: 28 Feb 2019 2:33

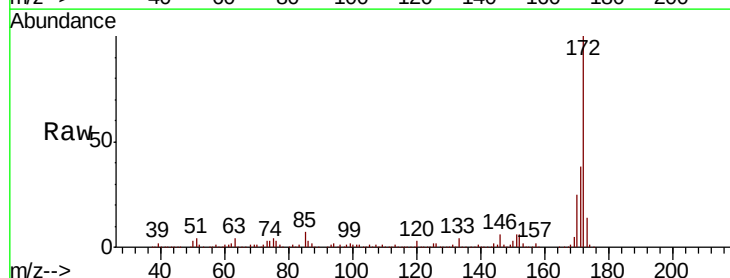
Tgt Ion:172 Resp: 942178

Ion Ratio Lower Upper

172 100

171 37.6 30.8 46.2

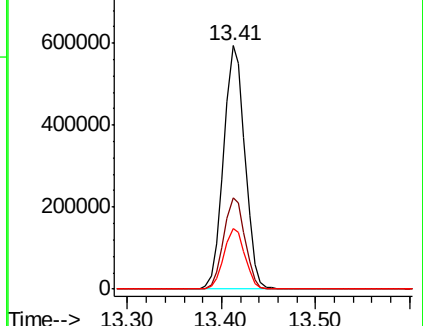
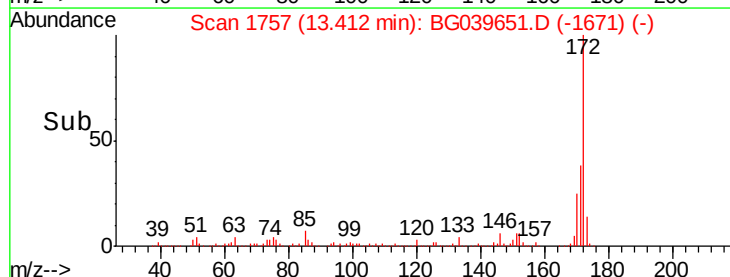
170 25.1 20.2 30.4

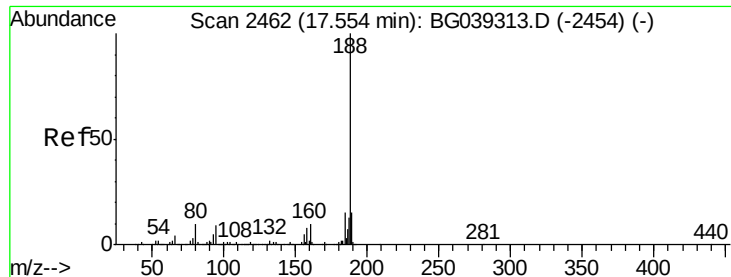


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.54 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039651.D

Acq: 28 Feb 2019 2:33

Instrument :

BNA_G

ClientSampleId :

EO-01-022619-B

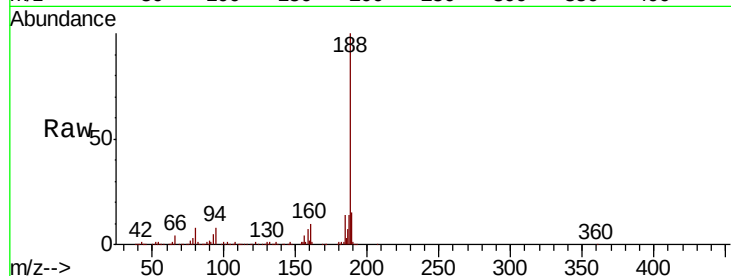
Tot Ion:188 Resp: 356694

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

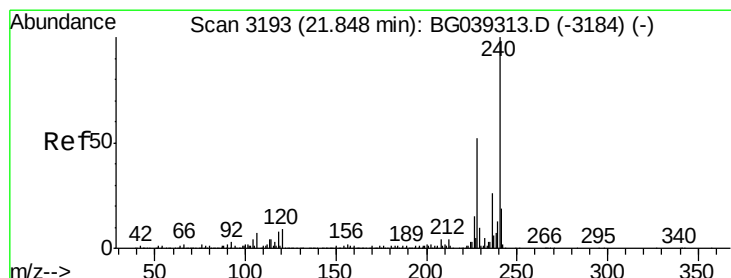
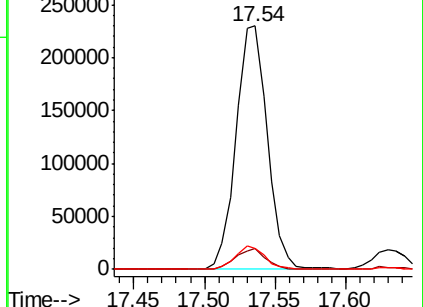
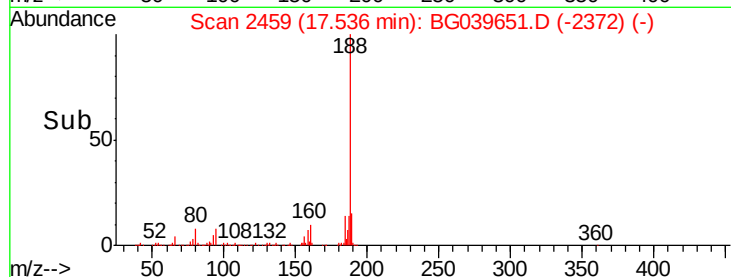
80 8.4 8.1 12.1



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. -0.02 min

Lab File: BG039651.D

Acq: 28 Feb 2019 2:33

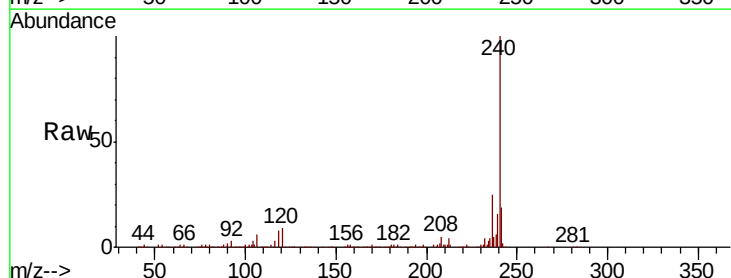
Tgt Ion:240 Resp: 391794

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

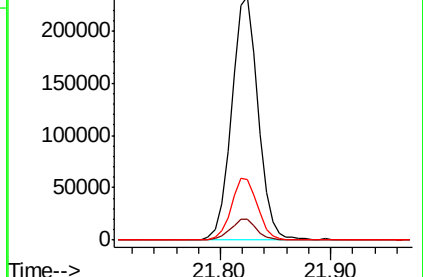
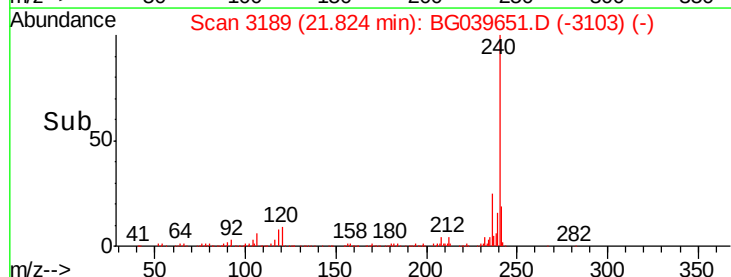
236 25.1 21.0 31.4

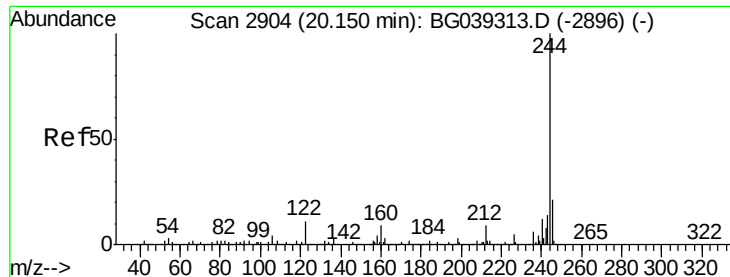


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.826 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.02 min

Lab File: BG039651.D

Acq: 28 Feb 2019 2:33

Instrument :

BNA_G

ClientSampleId :

EO-01-022619-B

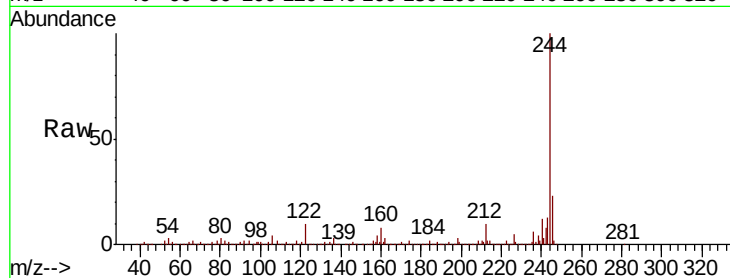
Tot Ion:244 Resp: 1551592

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

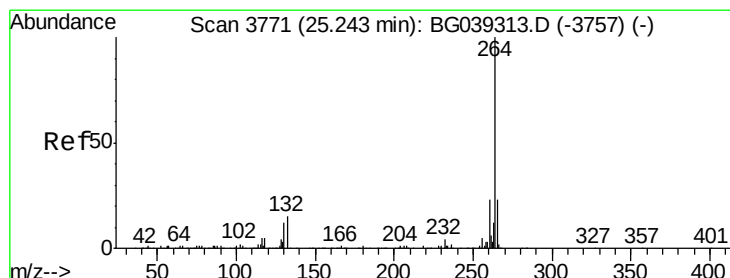
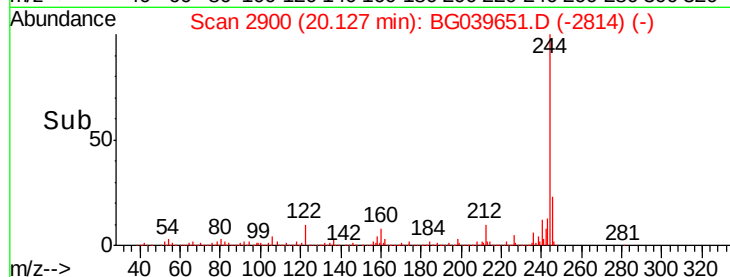
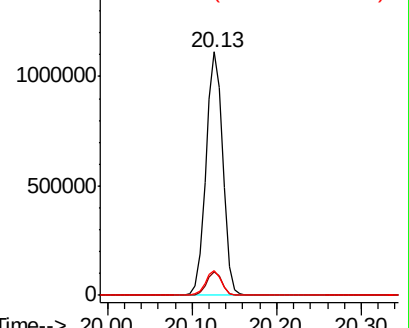
122 10.3 8.4 12.6



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: BG039651.D

Acq: 28 Feb 2019 2:33

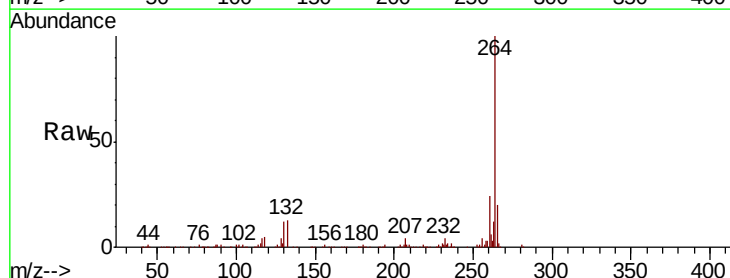
Tgt Ion:264 Resp: 381008

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 19.7 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

