

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020519\
 Data File : BG039360.D
 Acq On : 5 Feb 2019 18:47
 Operator : JU/SJ
 Sample : K1350-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-020419-A

Quant Time: Feb 05 23:09:28 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	8.18	152	50722	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	214021	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	136609	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	332743	20.00	ng	0.00
76) Chrysene-d12	21.83	240	367778	20.00	ng	-0.02
87) Perylene-d12	25.22	264	367024	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	388870	131.22	ng	0.00
7) Phenol-d6	7.32	99	494996	113.47	ng	0.00
23) Nitrobenzene-d5	9.36	82	348736	101.79	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	192496	130.86	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	864851	90.82	ng	0.00
79) Terphenyl-d14	20.14	244	1401554	80.66	ng	0.00

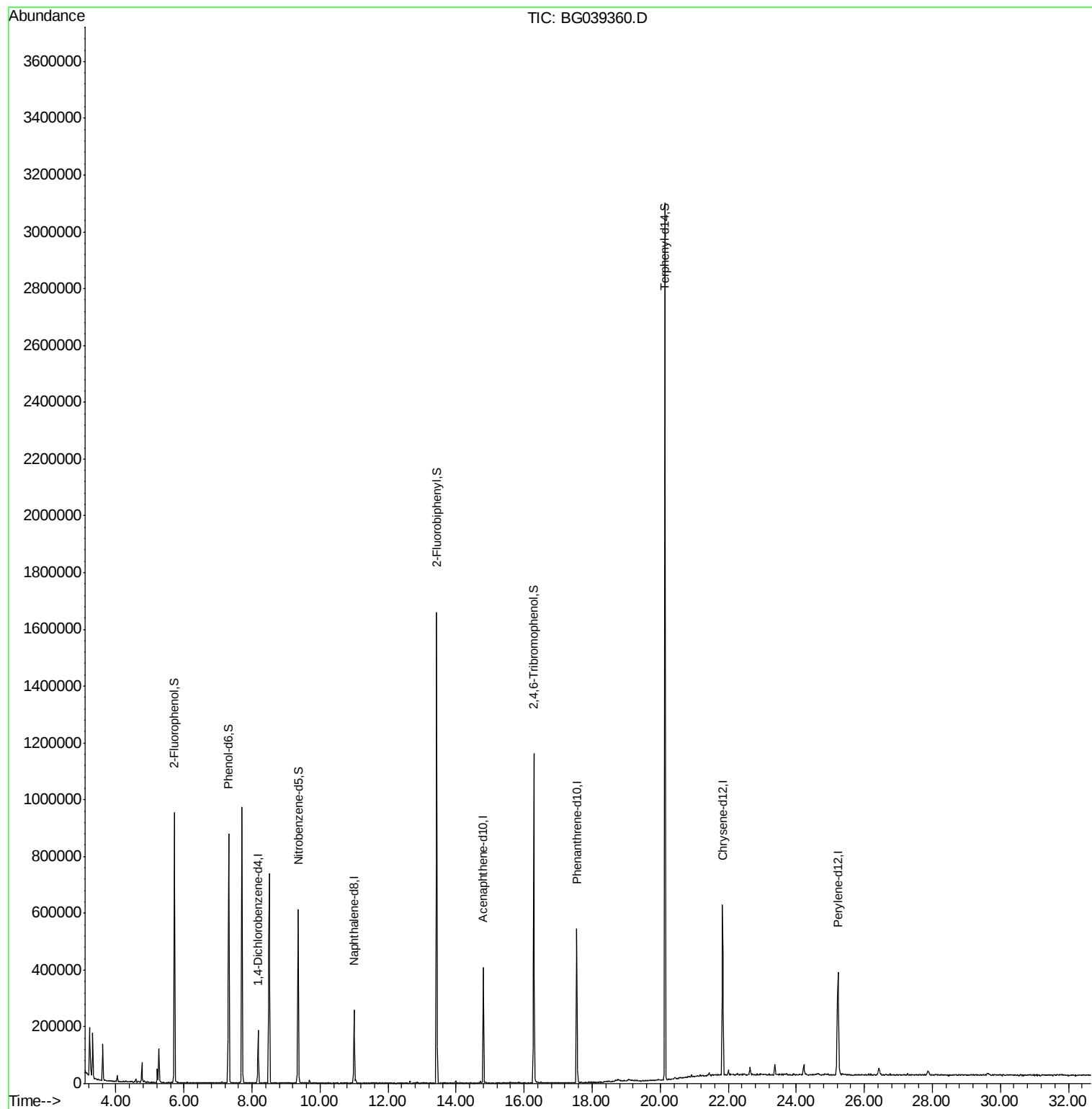
Target Compounds Qvalue

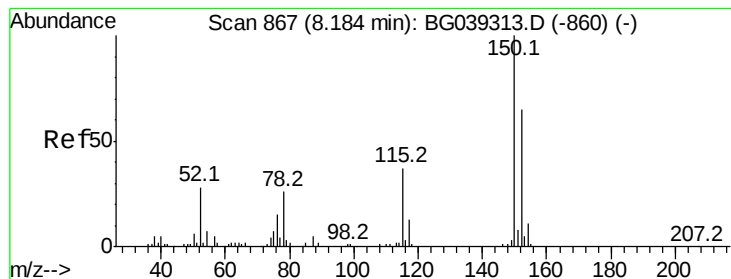
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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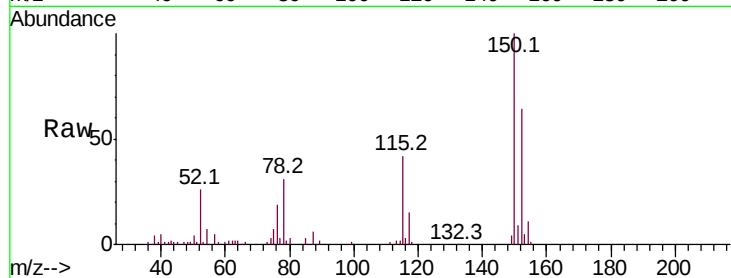


#1

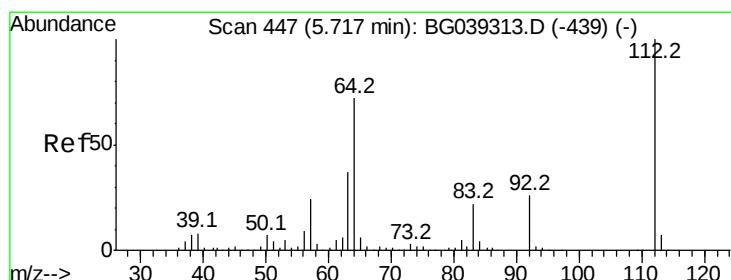
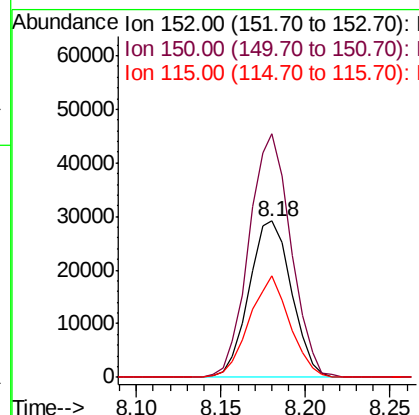
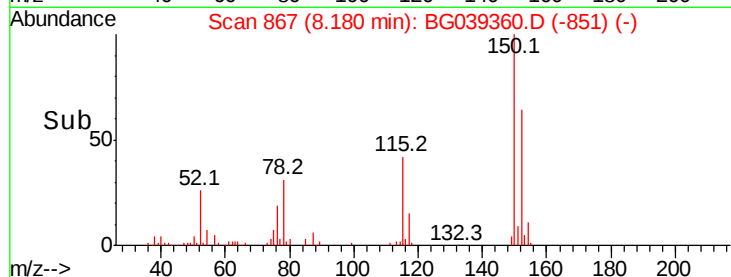
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039360.D
Acq: 5 Feb 2019 18:47

Instrument :
BNA_G
ClientSampleId :
EO-03-020419-A

Tot Ion:152 Resp: 50722
Ion Ratio Lower Upper
152 100
150 155.9 123.7 185.5
115 65.3 45.9 68.9



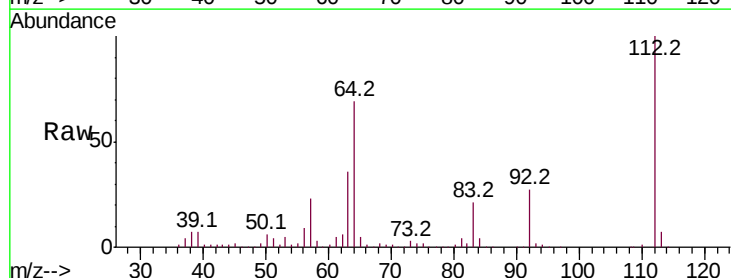
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



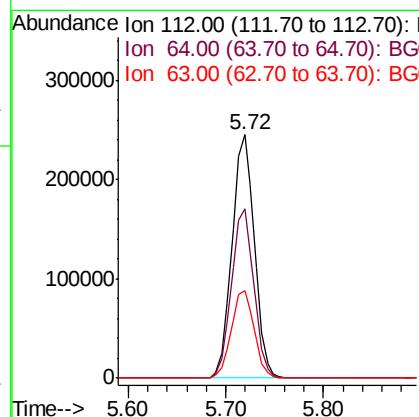
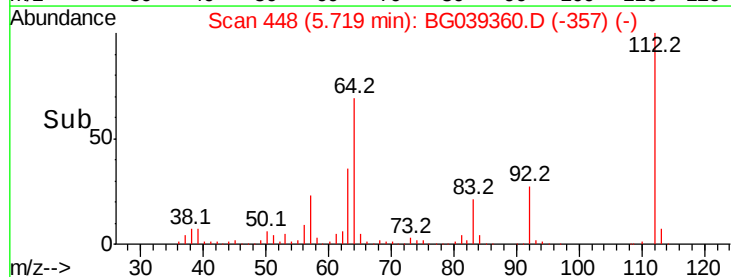
#5

2-Fluorophenol
Concen: 131.216 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039360.D
Acq: 5 Feb 2019 18:47

Tgt Ion:112 Resp: 388870
Ion Ratio Lower Upper
112 100
64 69.4 57.8 86.8
63 35.8 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: 113.471 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039360.D

Acq: 5 Feb 2019 18:47

Instrument :

BNA_G

ClientSampleId :

EO-03-020419-A

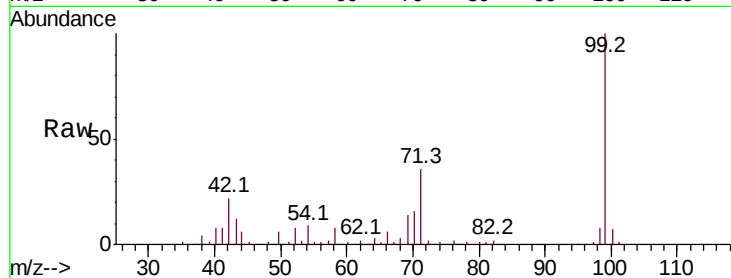
Tot Ion: 99 Resp: 494996

Ion Ratio Lower Upper

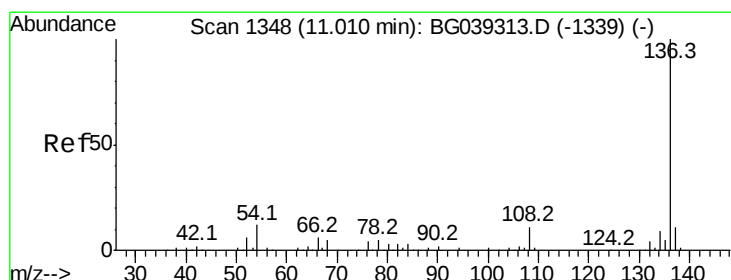
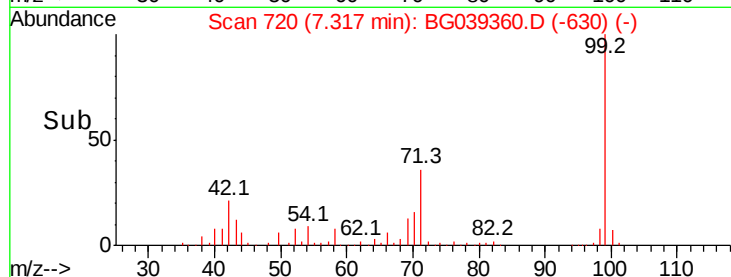
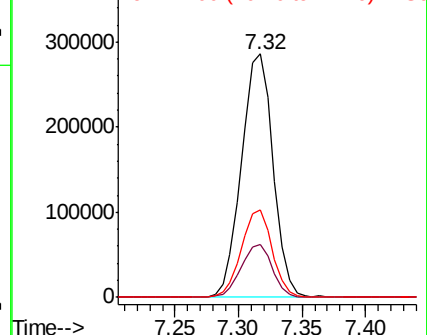
99 100

42 21.6 18.2 27.2

71 36.0 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: 11.00 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BG039360.D

Acq: 5 Feb 2019 18:47

Tgt Ion: 136 Resp: 214021

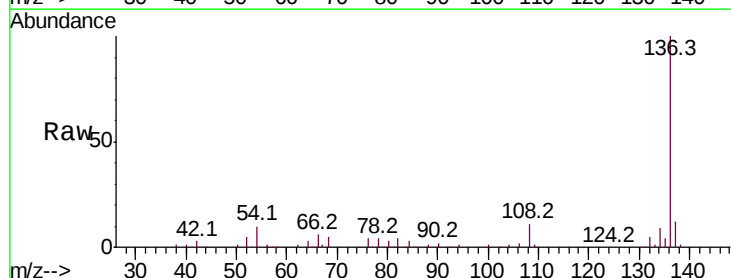
Ion Ratio Lower Upper

136 100

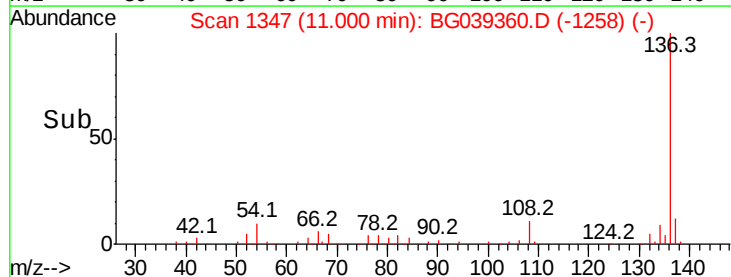
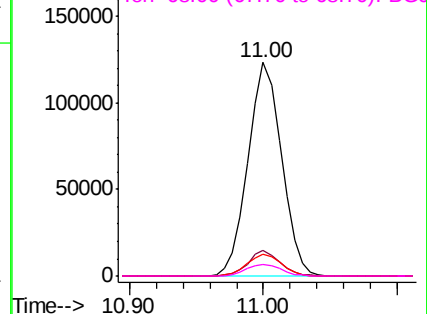
137 11.8 9.1 13.7

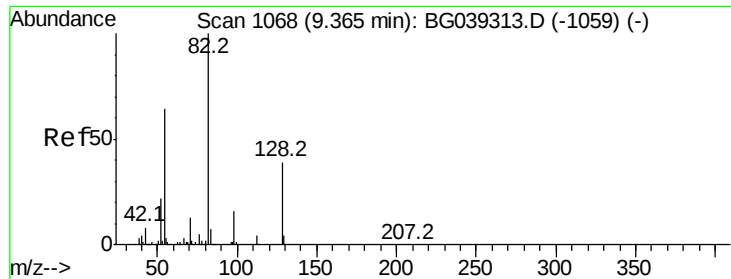
54 10.2 9.4 14.2

68 5.4 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

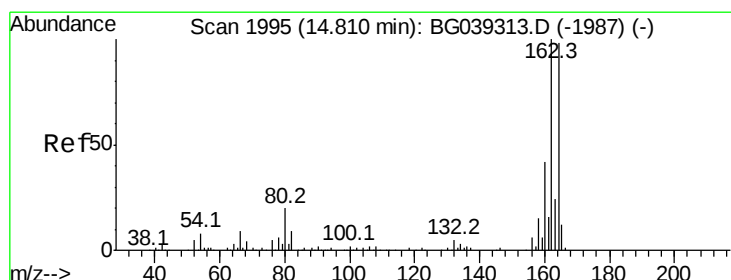
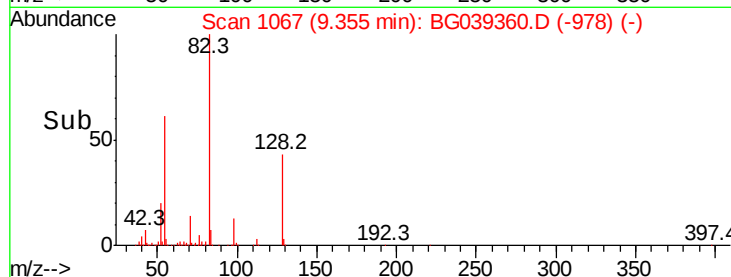
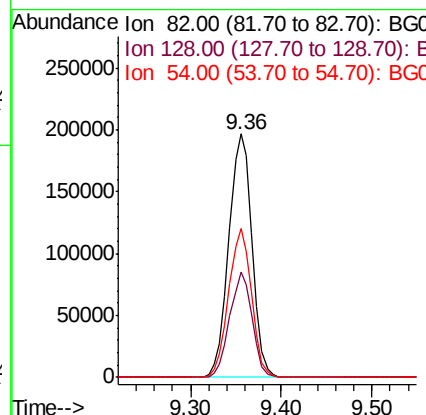
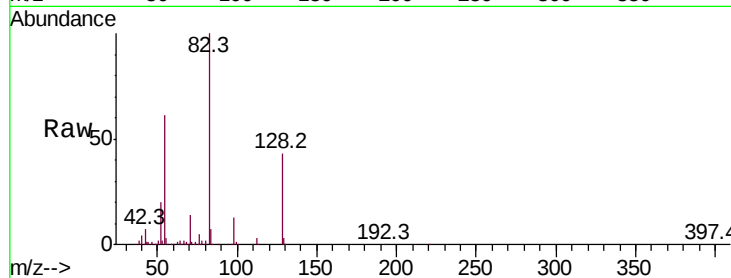




#23
Nitrobenzene-d5
Concen: 101.794 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039360.D
Acq: 5 Feb 2019 18:47

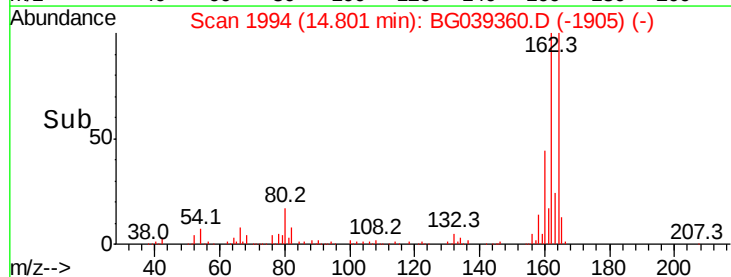
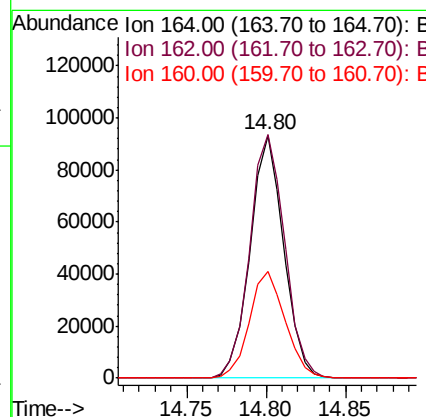
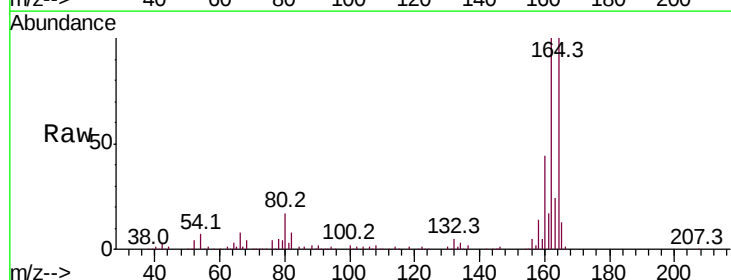
Instrument :
BNA_G
ClientSampleId :
EO-03-020419-A

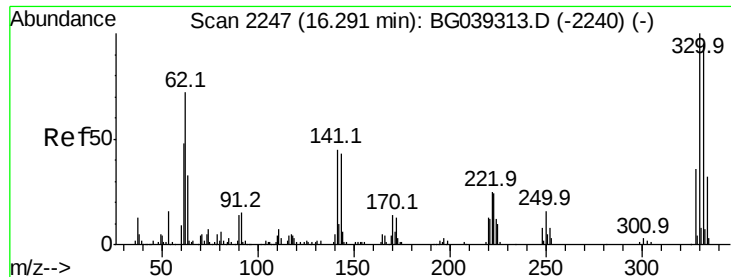
Tot Ion	82	Resp	348736
Ion	Ratio	Lower	Upper
82	100		
128	43.5	31.3	46.9
54	61.2	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039360.D
Acq: 5 Feb 2019 18:47

Tgt Ion	164	Resp	136609
Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.6	122.4
160	43.8	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 130.857 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039360.D

Acq: 5 Feb 2019 18:47

Instrument :

BNA_G

ClientSampleId :

EO-03-020419-A

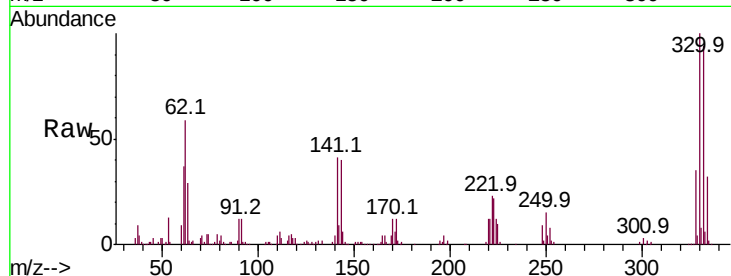
Tot Ion:330 Resp: 192496

Ion Ratio Lower Upper

330 100

332 95.5 75.7 113.5

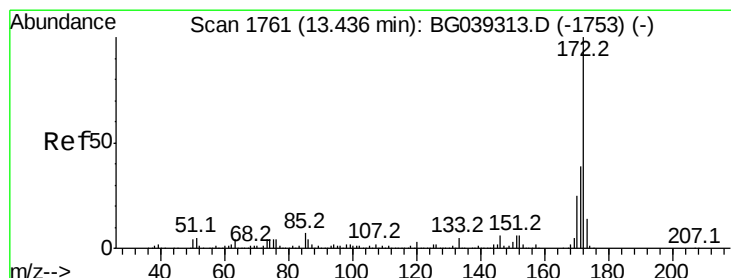
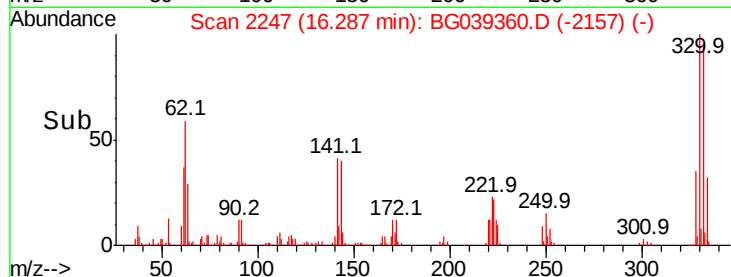
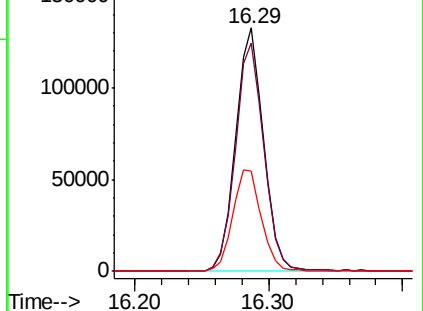
141 43.2 35.6 53.4



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: 90.819 ng

RT: 13.43 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG039360.D

Acq: 5 Feb 2019 18:47

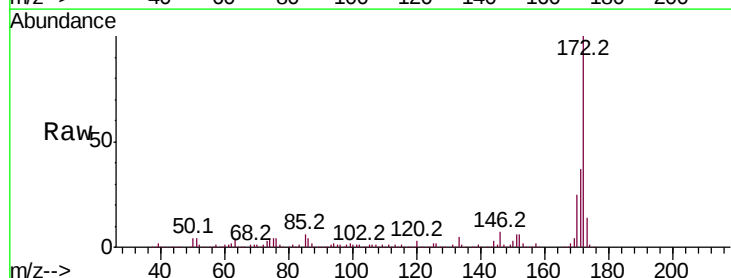
Tgt Ion:172 Resp: 864851

Ion Ratio Lower Upper

172 100

171 36.9 30.8 46.2

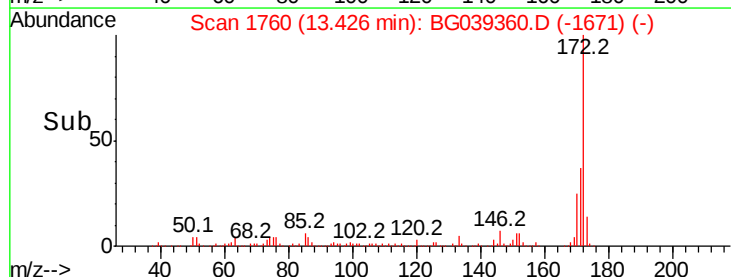
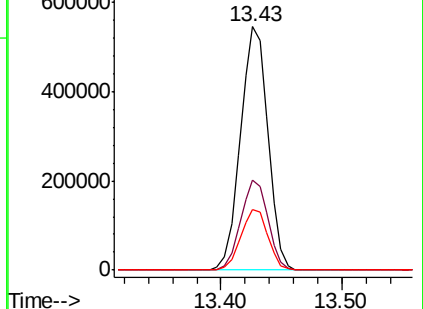
170 25.0 20.2 30.4

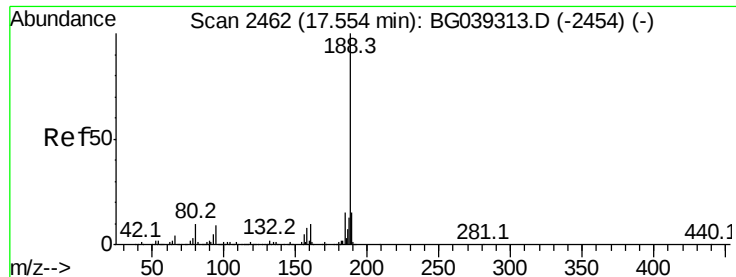


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2461

Delta R.T. -0.01 min

Lab File: BG039360.D

Acq: 5 Feb 2019 18:47

Instrument :

BNA_G

ClientSampleId :

EO-03-020419-A

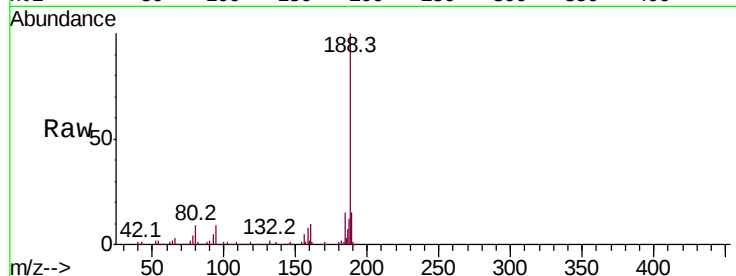
Tot Ion:188 Resp: 332743

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

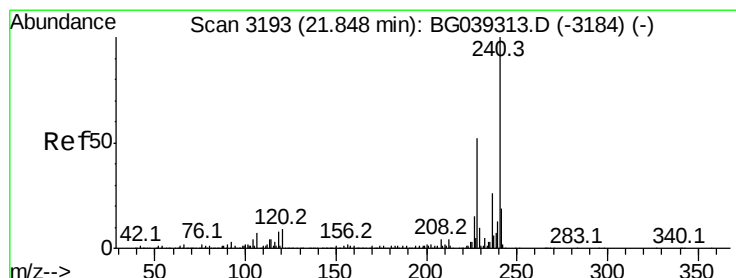
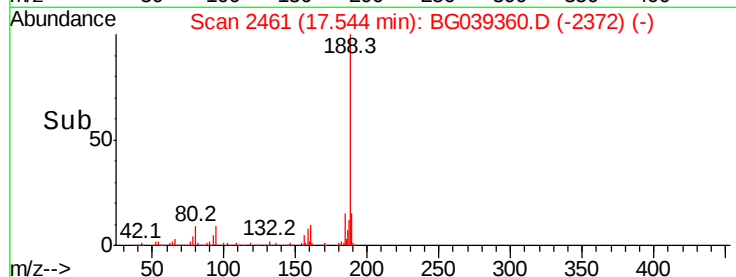
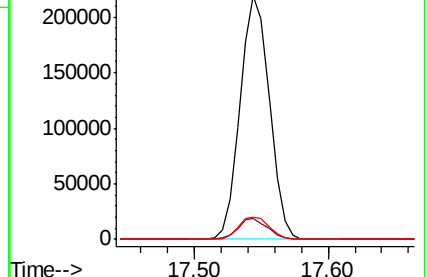
80 9.2 8.1 12.1



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: 21.83 min Scan# 3191

Delta R.T. -0.02 min

Lab File: BG039360.D

Acq: 5 Feb 2019 18:47

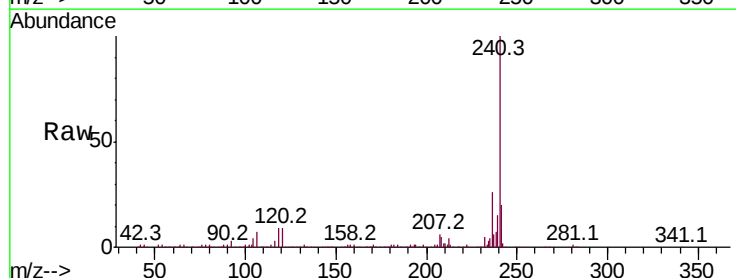
Tgt Ion:240 Resp: 367778

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

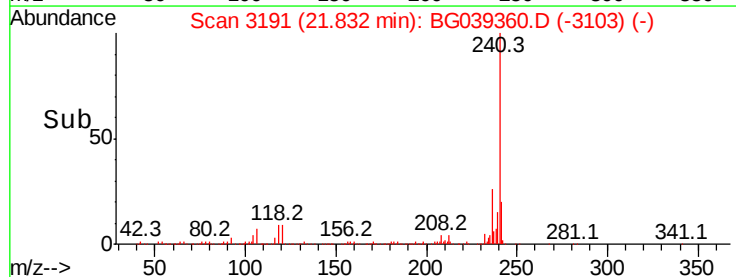
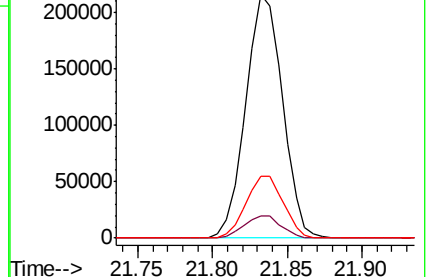
236 25.6 21.0 31.4

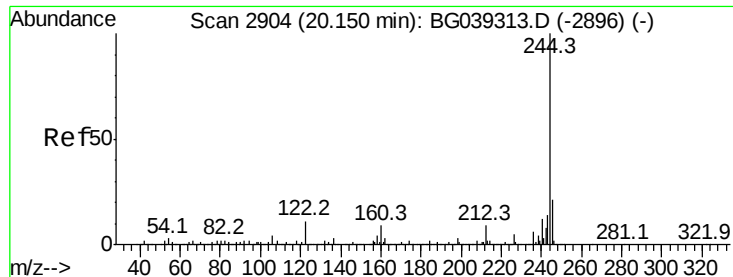


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.664 ng

RT: 20.14 min Scan# 2903

Delta R.T. -0.01 min

Lab File: BG039360.D

Acq: 5 Feb 2019 18:47

Instrument :

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ClientSampleId :

EO-03-020419-A

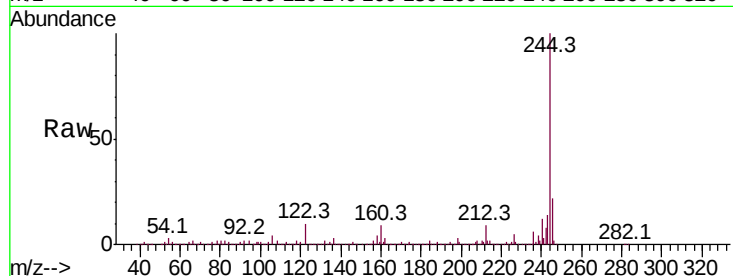
Tot Ion:244 Resp: 1401554

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

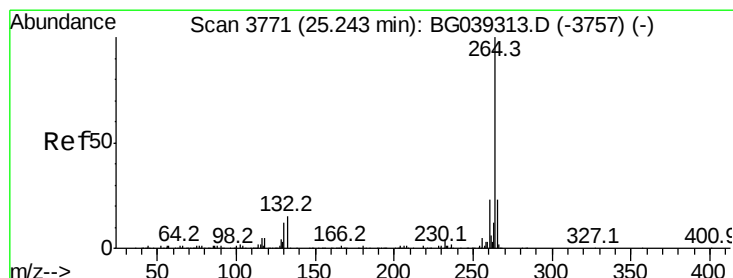
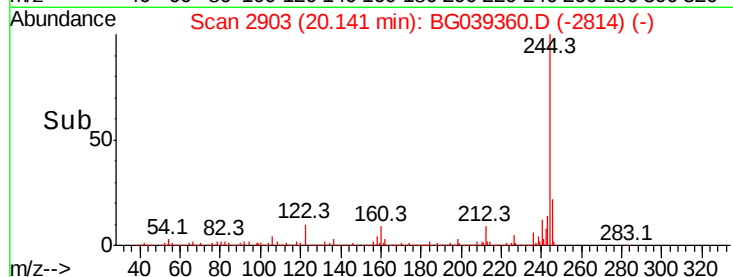
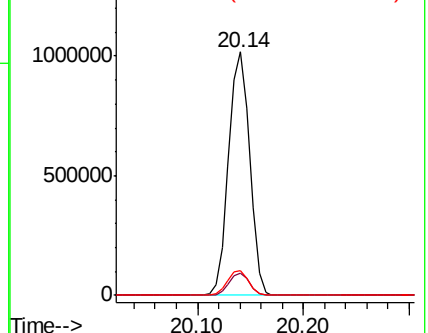
122 10.2 8.4 12.6



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: 25.22 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BG039360.D

Acq: 5 Feb 2019 18:47

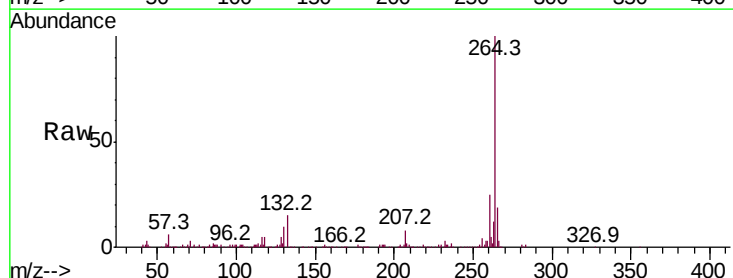
Tgt Ion:264 Resp: 367024

Ion Ratio Lower Upper

264 100

260 25.3 18.2 27.4

265 19.3 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

