

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021419\
 Data File : BG039517.D
 Acq On : 14 Feb 2019 21:56
 Operator : JU/SJ
 Sample : K1350-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-021319-C

Quant Time: Feb 15 04:52:59 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	46446	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	209351	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	150364	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	373704	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	396859	20.00	ng	-0.02
87) Perylene-d12	25.21	264	390647	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	409023	150.72	ng	0.00
7) Phenol-d6	7.32	99	568171	142.24	ng	0.00
23) Nitrobenzene-d5	9.35	82	394705	117.78	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	244614	151.07	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	979011	93.40	ng	-0.02
79) Terphenyl-d14	20.13	244	1630397	86.96	ng	-0.02

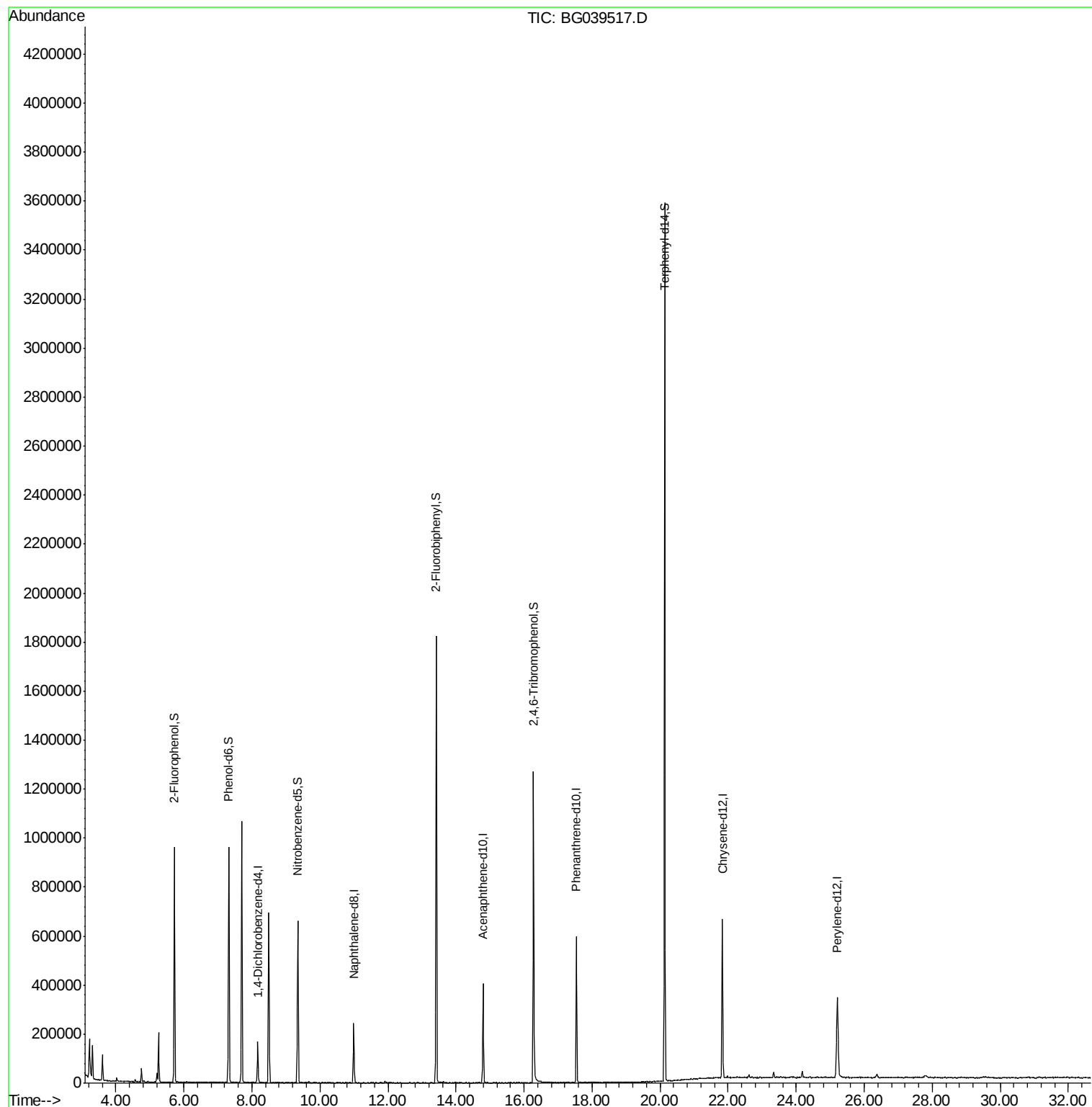
Target Compounds Qvalue

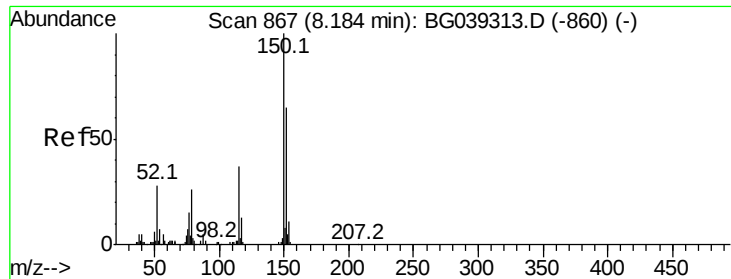
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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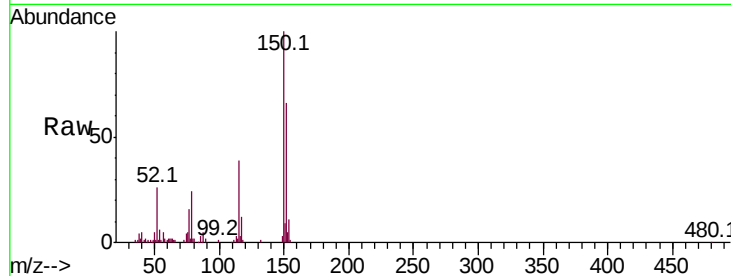


#1

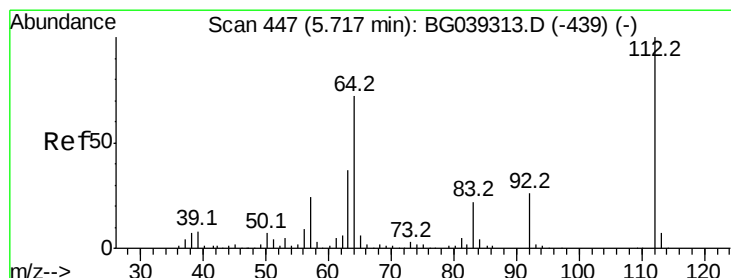
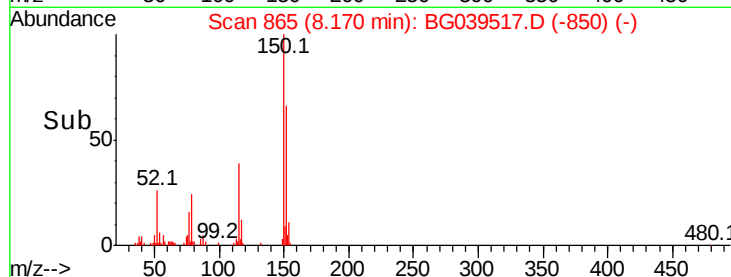
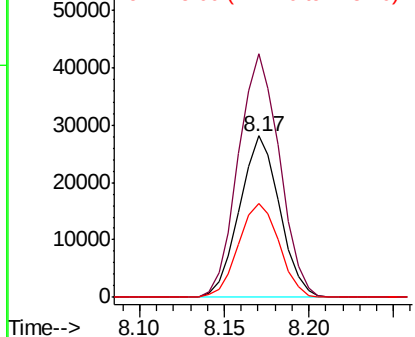
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039517.D
Acq: 14 Feb 2019 21:56

Instrument :
BNA_G
ClientSampleId :
EO-02-021319-C

Tot Ion:152 Resp: 46446
Ion Ratio Lower Upper
152 100
150 151.0 123.7 185.5
115 58.2 45.9 68.9



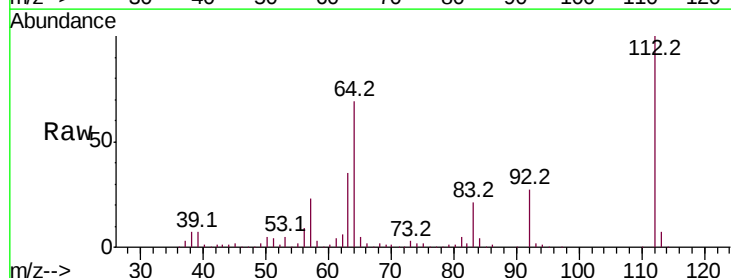
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



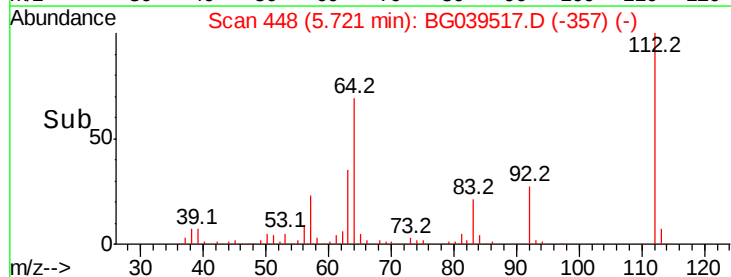
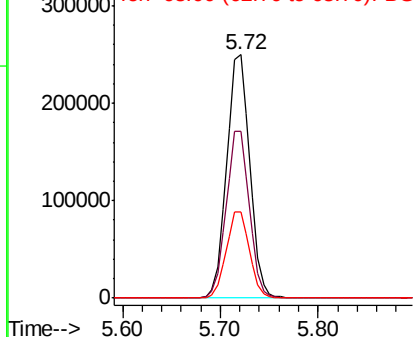
#5

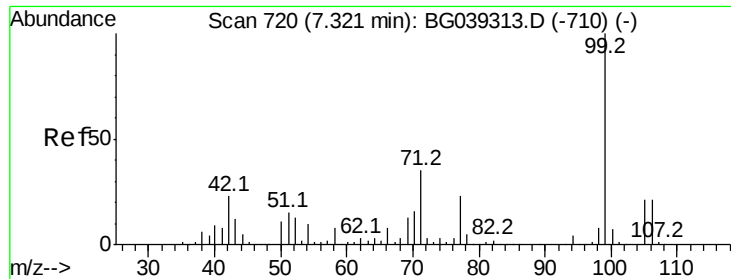
2-Fluorophenol
Concen: 150.723 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039517.D
Acq: 14 Feb 2019 21:56

Tgt Ion:112 Resp: 409023
Ion Ratio Lower Upper
112 100
64 68.5 57.8 86.8
63 35.1 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: 142.236 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039517.D

Acq: 14 Feb 2019 21:56

Instrument :

BNA_G

ClientSampleId :

EO-02-021319-C

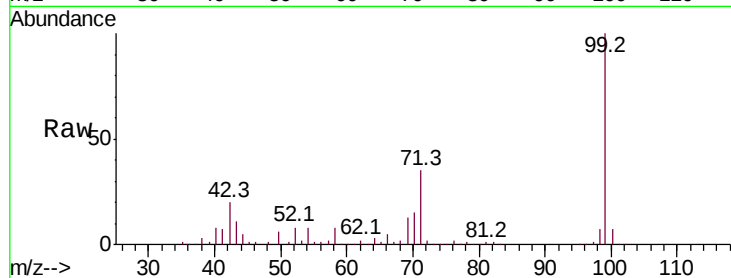
Tot Ion: 99 Resp: 568171

Ion Ratio Lower Upper

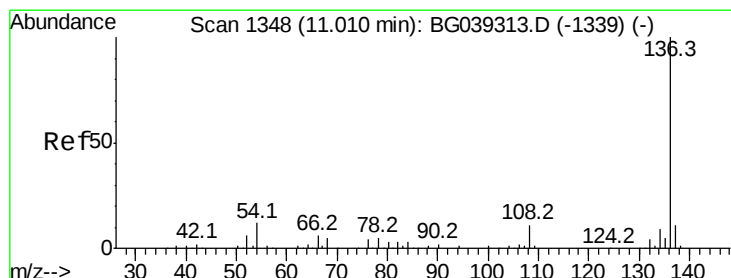
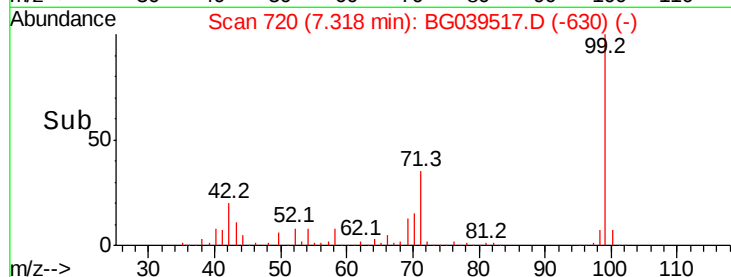
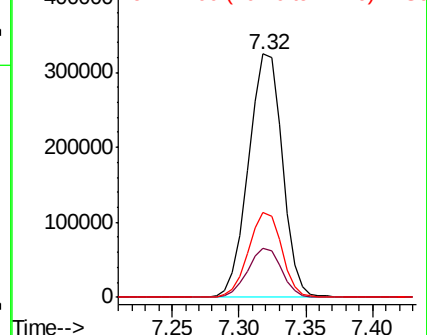
99 100

42 20.2 18.2 27.2

71 34.8 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: BG039517.D

Acq: 14 Feb 2019 21:56

Tgt Ion: 136 Resp: 209351

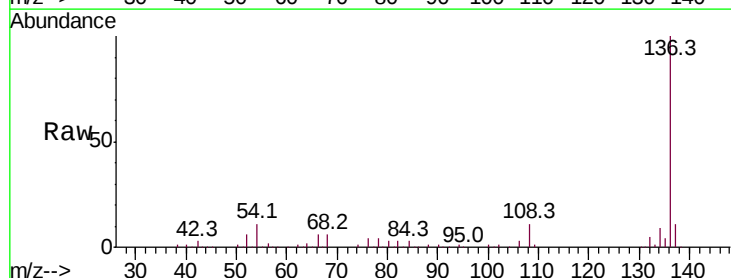
Ion Ratio Lower Upper

136 100

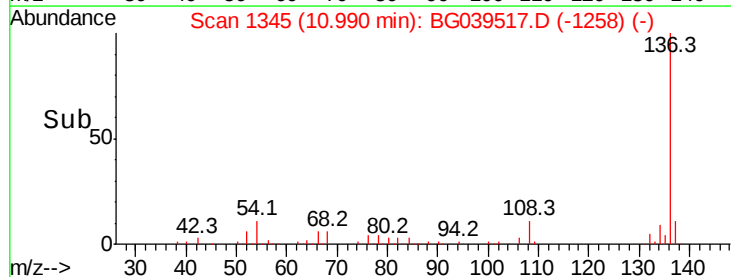
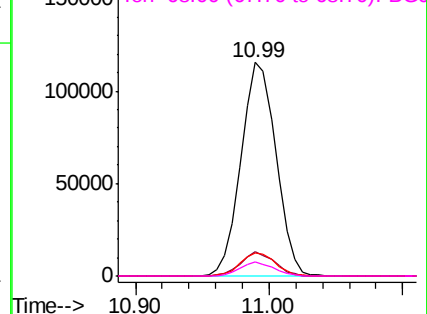
137 11.4 9.1 13.7

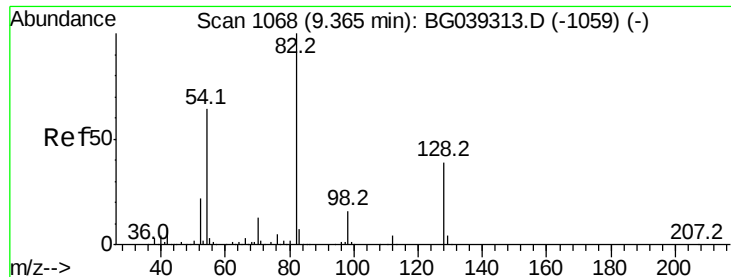
54 10.6 9.4 14.2

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: 117.782 ng

RT: 9.35 min Scan# 1065

Delta R.T. -0.02 min

Lab File: BG039517.D

Acq: 14 Feb 2019 21:56

Instrument :

BNA_G

ClientSampleId :

EO-02-021319-C

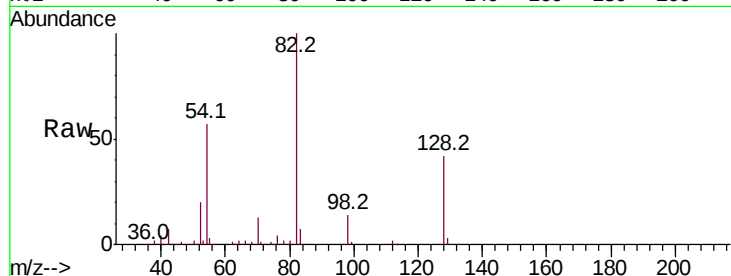
Tot Ion: 82 Resp: 394705

Ion Ratio Lower Upper

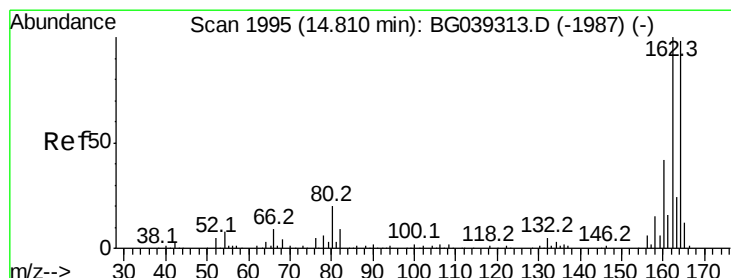
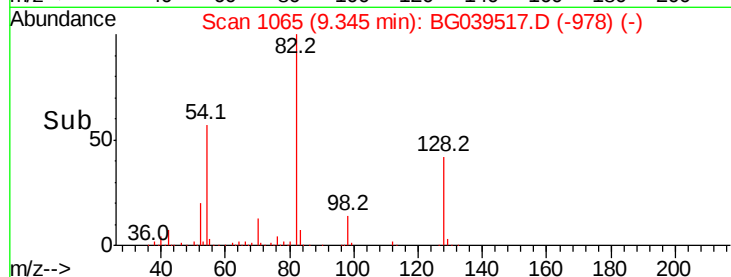
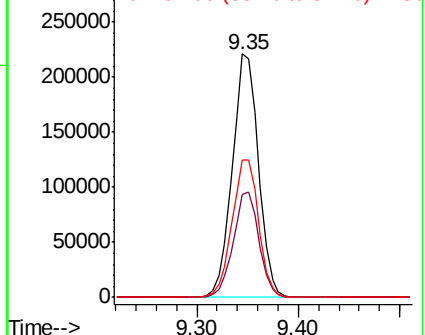
82 100

128 42.0 31.3 46.9

54 56.7 50.9 76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039517.D

Acq: 14 Feb 2019 21:56

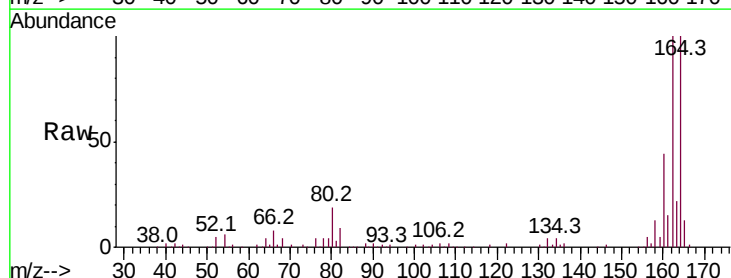
Tgt Ion: 164 Resp: 150364

Ion Ratio Lower Upper

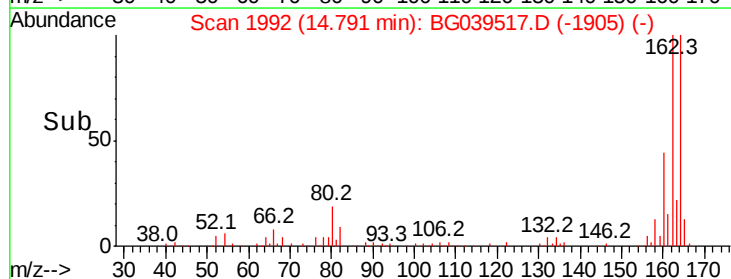
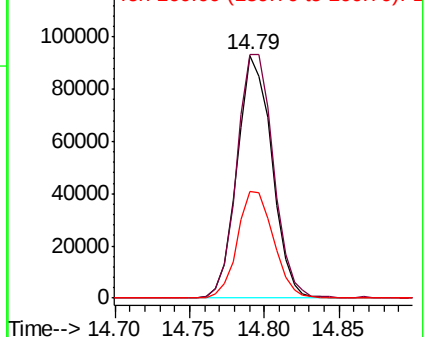
164 100

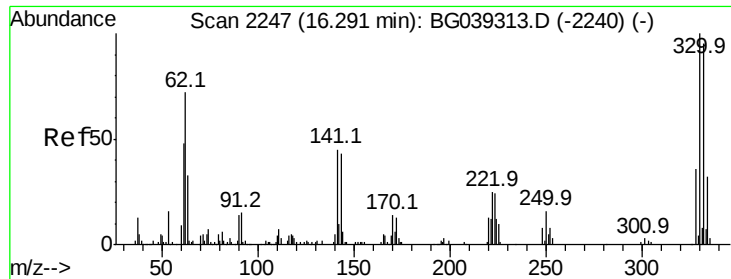
162 100.1 81.6 122.4

160 43.7 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

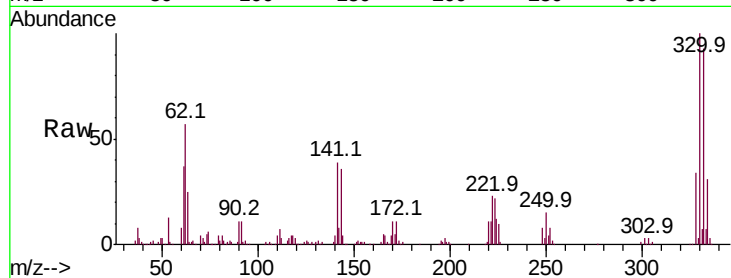




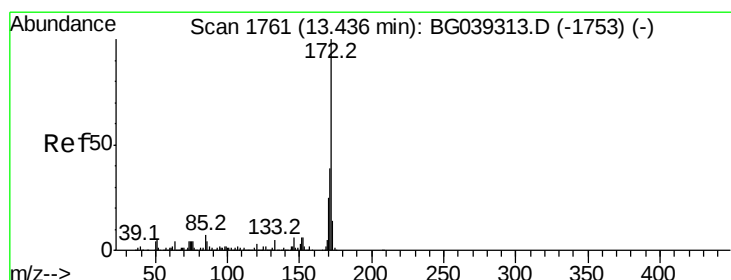
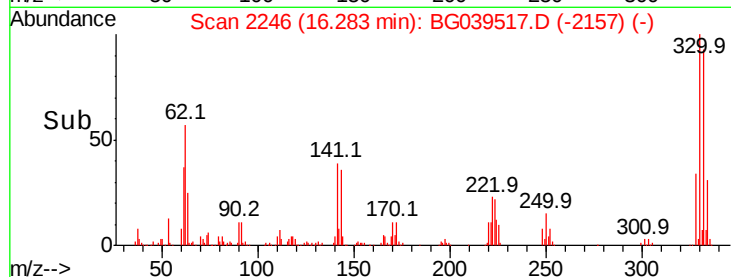
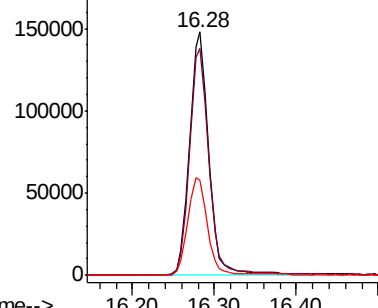
#42
 2,4,6-Tribromophenol
 Concen: 151.074 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039517.D
 Acq: 14 Feb 2019 21:56

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-021319-C

Tot Ion:330 Resp: 244614
 Ion Ratio Lower Upper
 330 100
 332 94.6 75.7 113.5
 141 41.1 35.6 53.4

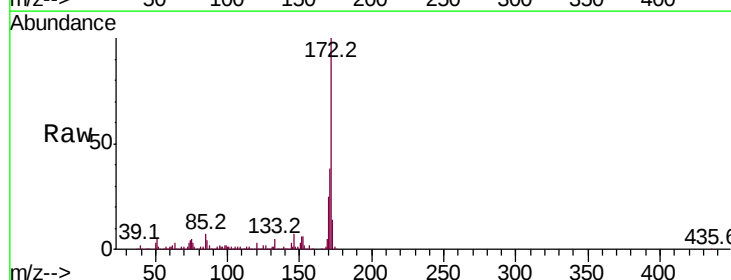


Abundance Ion 329.80 (329.50 to 330.50): E
 200000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

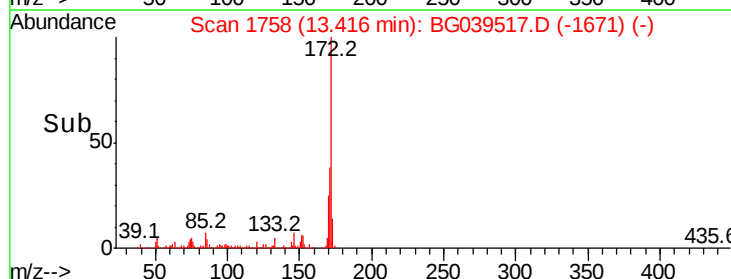
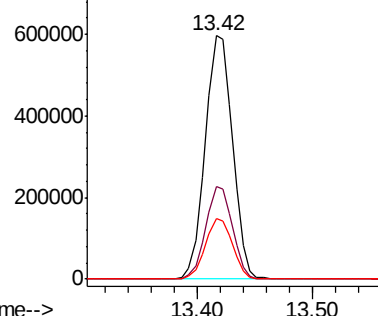


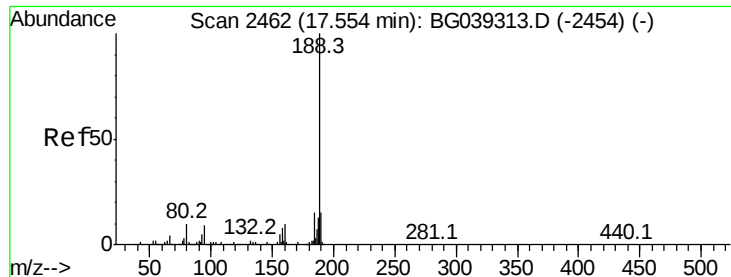
#45
 2-Fluorobiphenyl
 Concen: 93.403 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039517.D
 Acq: 14 Feb 2019 21:56

Tgt Ion:172 Resp: 979011
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.8 46.2
 170 24.7 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 800000 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# 2460

Delta R.T. -0.01 min

Lab File: BG039517.D

Acq: 14 Feb 2019 21:56

Instrument :

BNA_G

ClientSampleId :

EO-02-021319-C

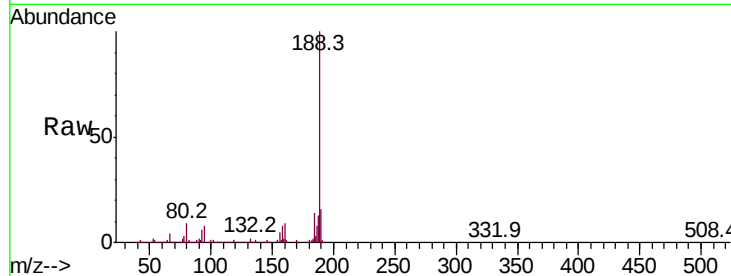
Tot Ion:188 Resp: 373704

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

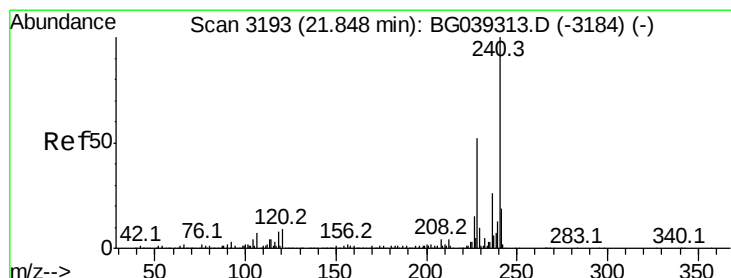
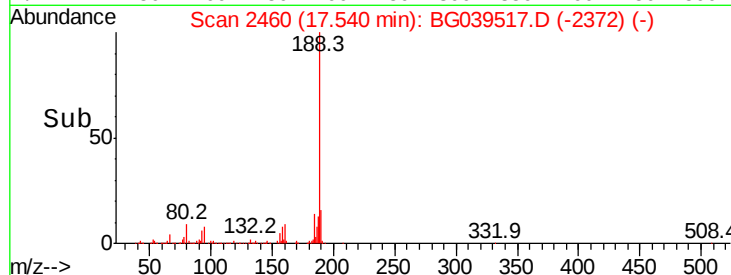
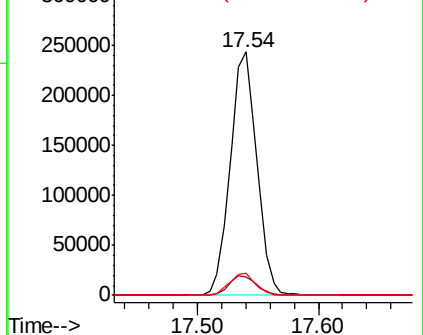
80 9.0 8.1 12.1



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# 3190

Delta R.T. -0.02 min

Lab File: BG039517.D

Acq: 14 Feb 2019 21:56

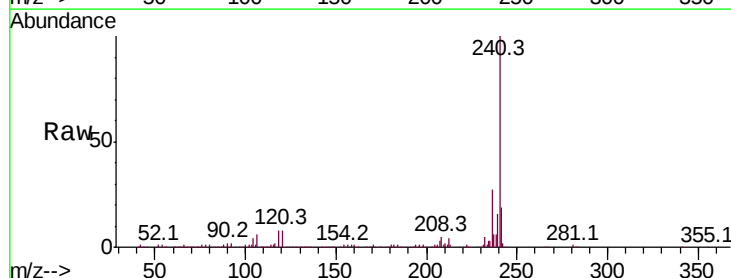
Tgt Ion:240 Resp: 396859

Ion Ratio Lower Upper

240 100

120 7.7 7.0 10.6

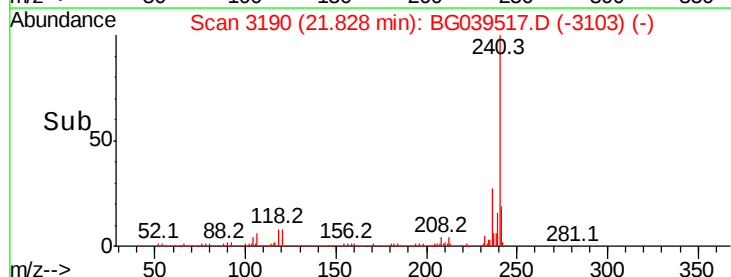
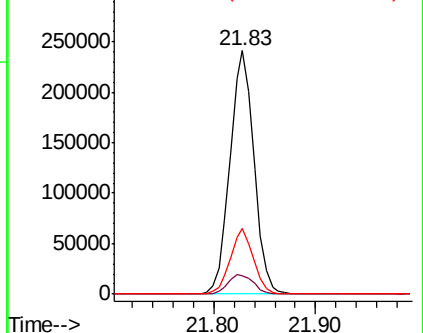
236 26.9 21.0 31.4

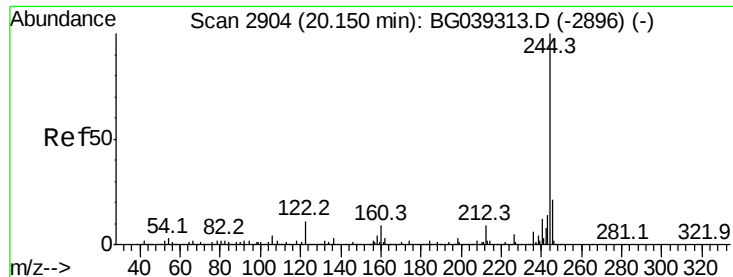


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

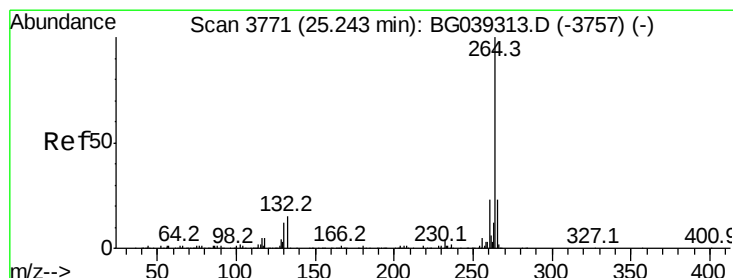
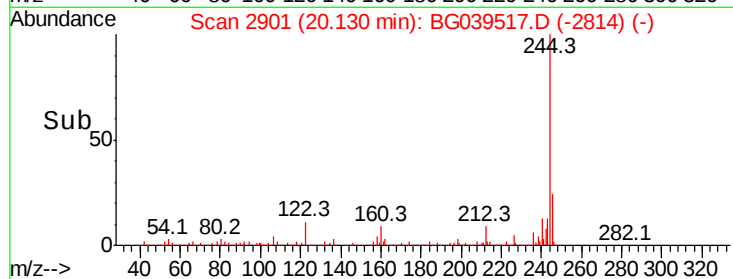
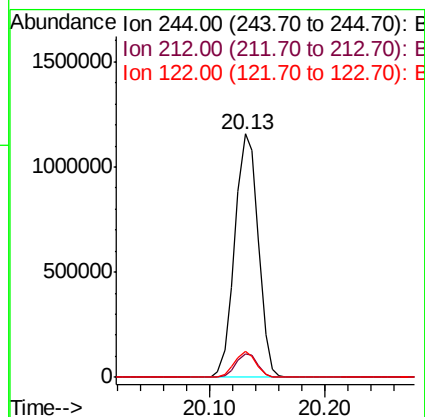
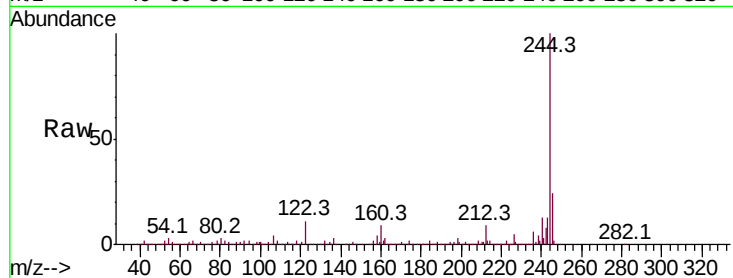




#79
 Terphenyl-d14
 Concen: 86.959 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039517.D
 Acq: 14 Feb 2019 21:56

Instrument :
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 EO-02-021319-C

Tot Ion:244 Resp: 1630397
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.3 10.9
 122 10.6 8.4 12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3766
 Delta R.T. -0.03 min
 Lab File: BG039517.D
 Acq: 14 Feb 2019 21:56

Tgt Ion:264 Resp: 390647
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.2 27.4
 265 20.7 18.5 27.7

