

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021419\
 Data File : BG039515.D
 Acq On : 14 Feb 2019 20:38
 Operator : JU/SJ
 Sample : K1350-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 15 04:51:01 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	44955	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	201147	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	148158	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	365843	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	377413	20.00	ng	-0.02
87) Perylene-d12	25.21	264	374760	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	377061	143.55	ng	0.00
7) Phenol-d6	7.32	99	510226	131.97	ng	0.00
23) Nitrobenzene-d5	9.35	82	365583	113.54	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	233308	146.24	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	925247	89.59	ng	-0.01
79) Terphenyl-d14	20.13	244	1561031	87.55	ng	-0.02

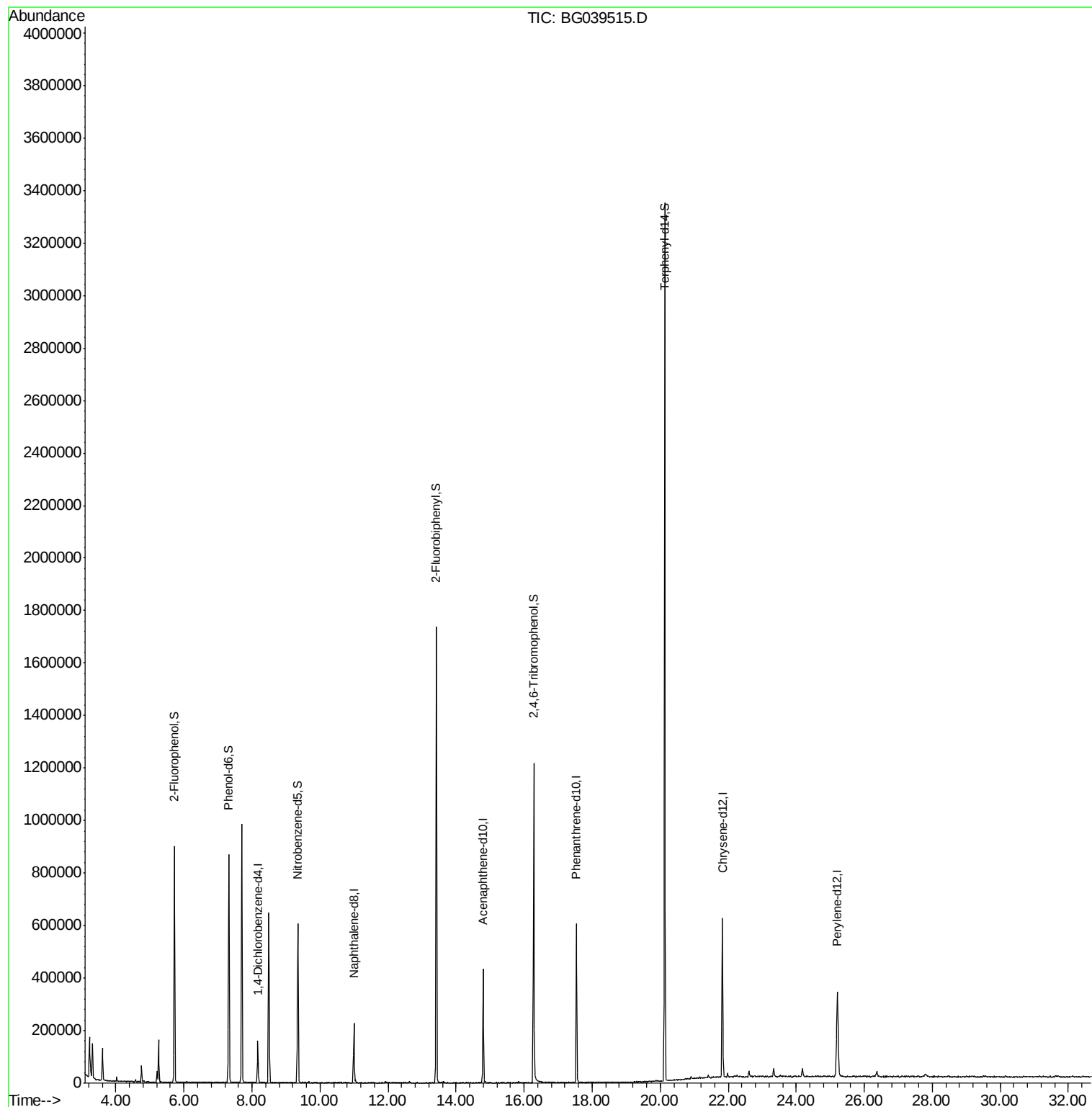
Target Compounds Qvalue

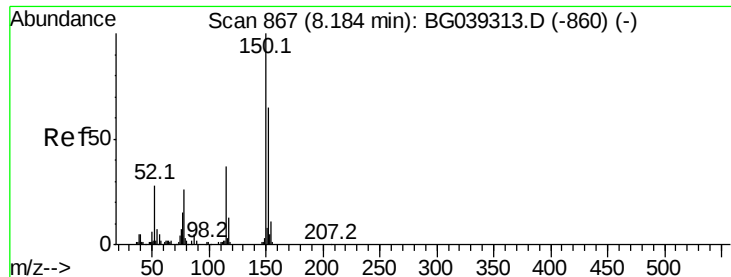
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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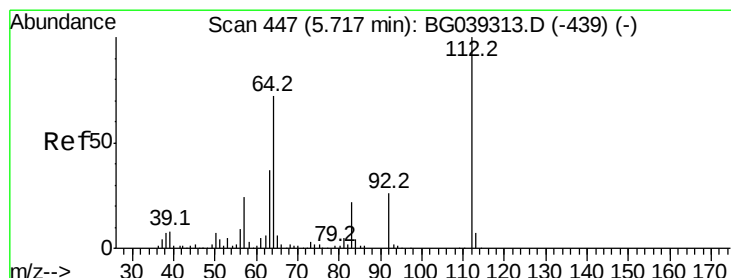
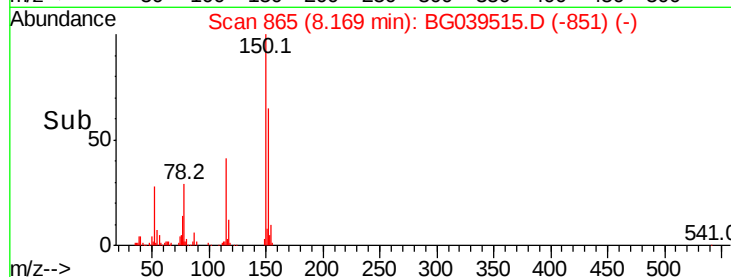
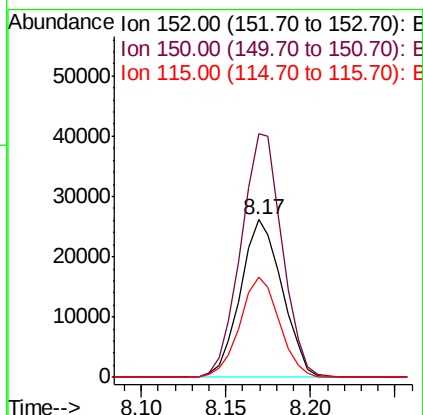
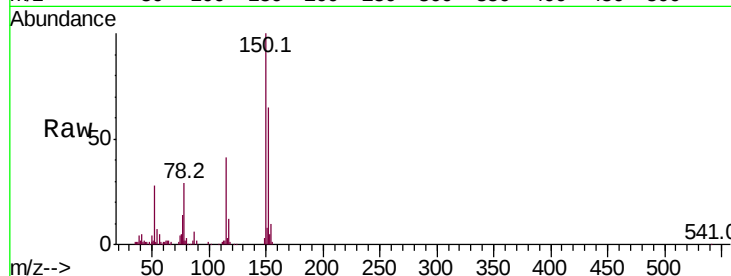


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039515.D
Acq: 14 Feb 2019 20:38

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

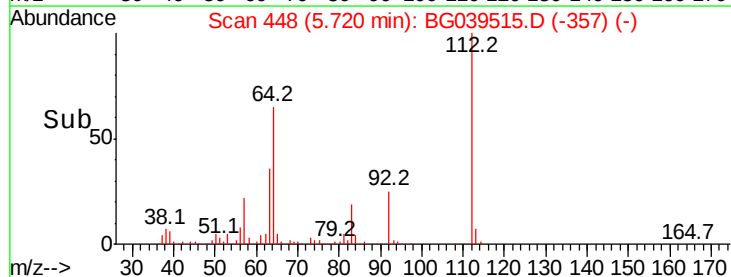
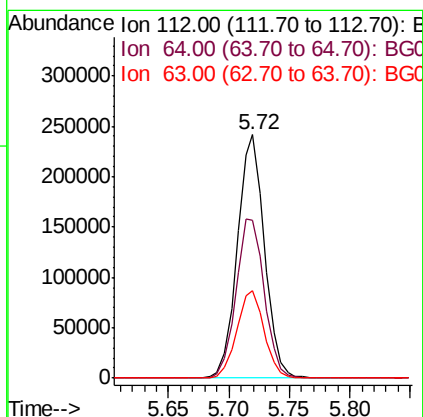
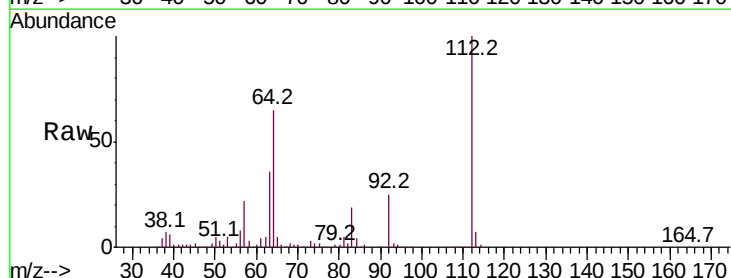
Tot Ion:152 Resp: 44955
Ion Ratio Lower Upper
152 100
150 154.3 123.7 185.5
115 63.7 45.9 68.9

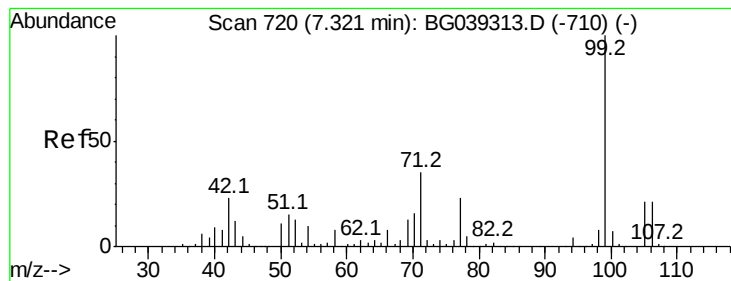


#5

2-Fluorophenol
Concen: 143.553 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039515.D
Acq: 14 Feb 2019 20:38

Tgt Ion:112 Resp: 377061
Ion Ratio Lower Upper
112 100
64 64.9 57.8 86.8
63 35.9 29.8 44.6





#7

Phenol-d6

Concen: 131.967 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039515.D

Acq: 14 Feb 2019 20:38

Instrument :

BNA_G

ClientSampleId :

EO-02-021319-A

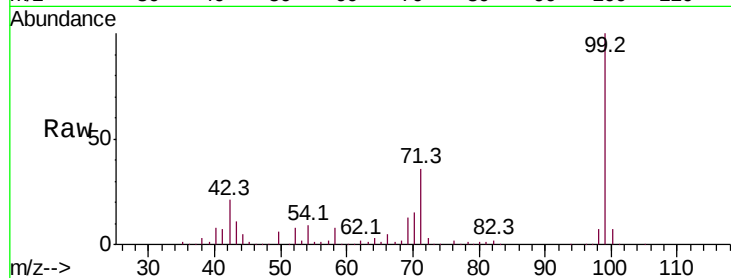
Tot Ion: 99 Resp: 510226

Ion Ratio Lower Upper

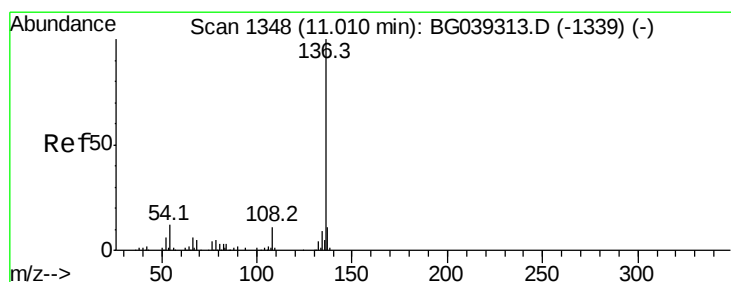
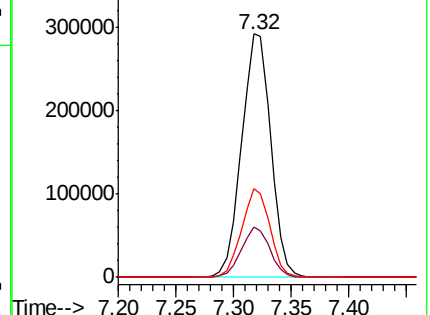
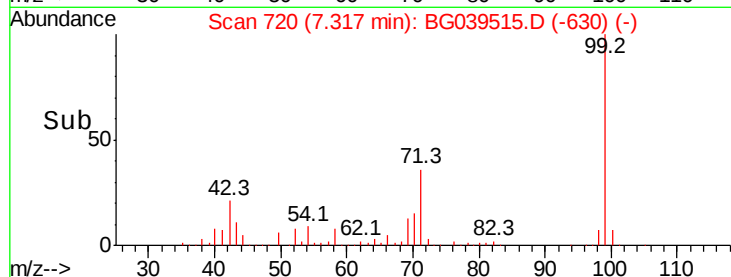
99 100

42 20.5 18.2 27.2

71 36.3 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# 1346

Delta R.T. -0.01 min

Lab File: BG039515.D

Acq: 14 Feb 2019 20:38

Tgt Ion: 136 Resp: 201147

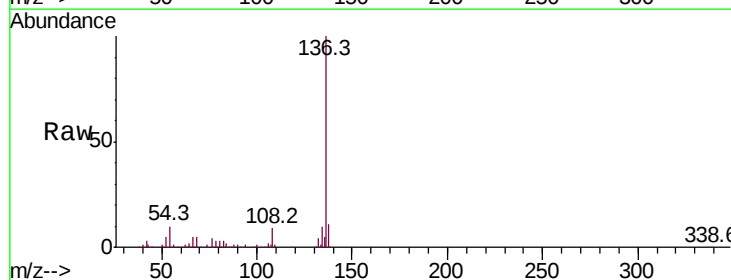
Ion Ratio Lower Upper

136 100

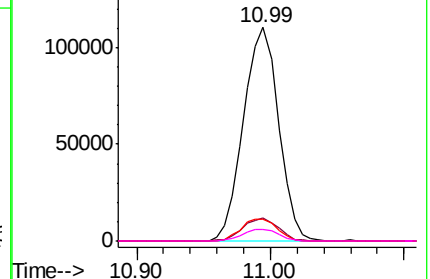
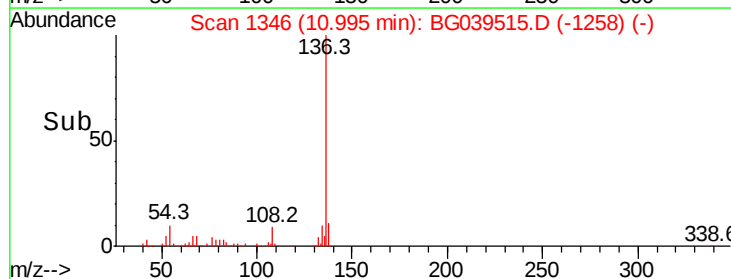
137 10.7 9.1 13.7

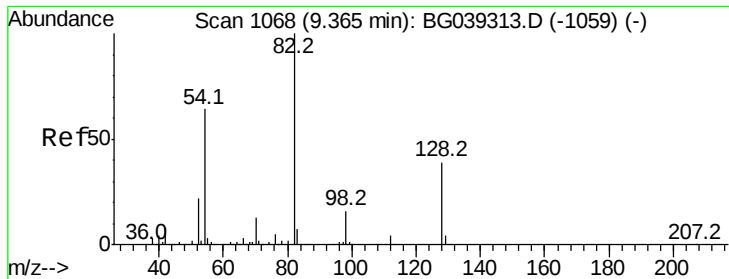
54 10.2 9.4 14.2

68 5.3 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

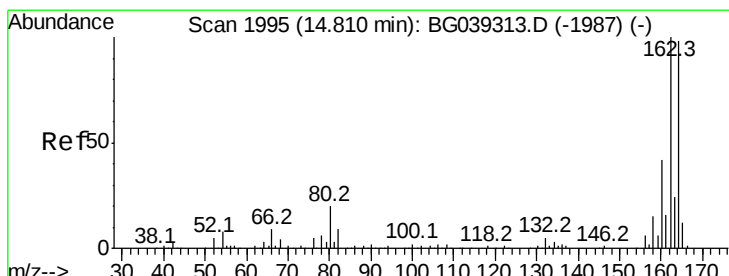
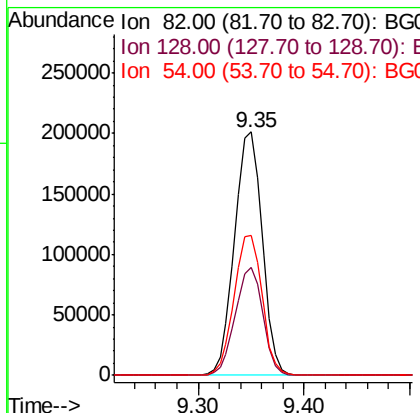
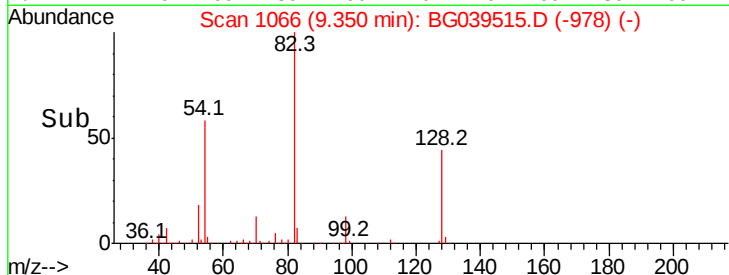
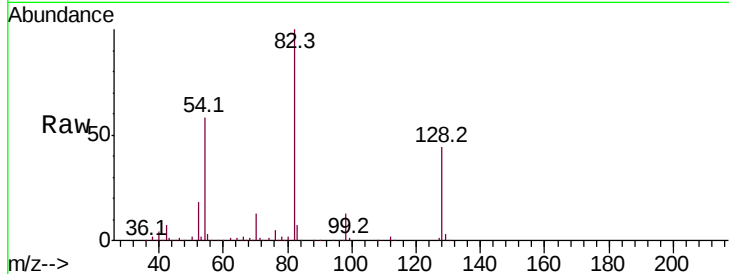




#23
 Nitrobenzene-d5
 Concen: 113.542 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039515.D
 Acq: 14 Feb 2019 20:38

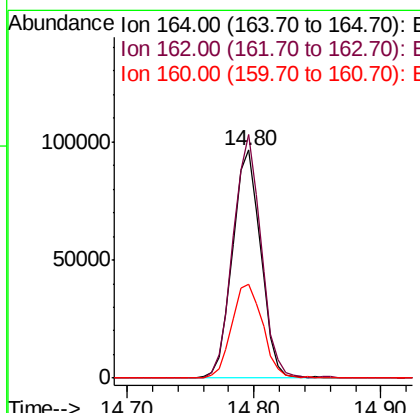
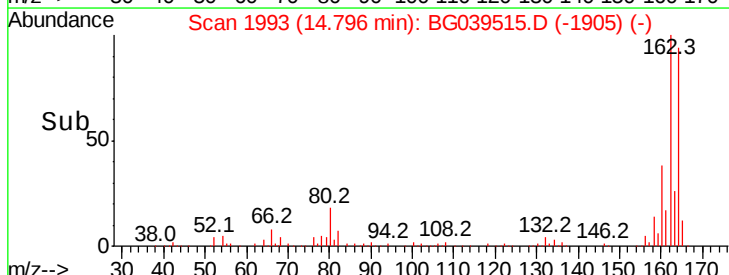
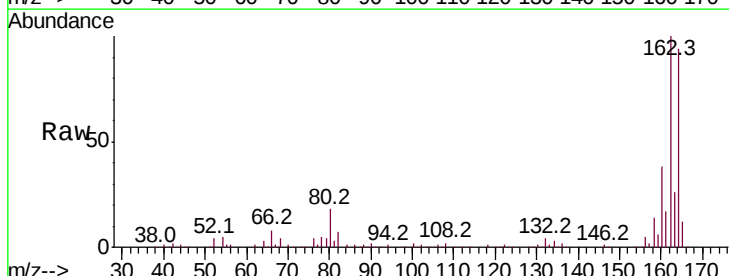
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-021319-A

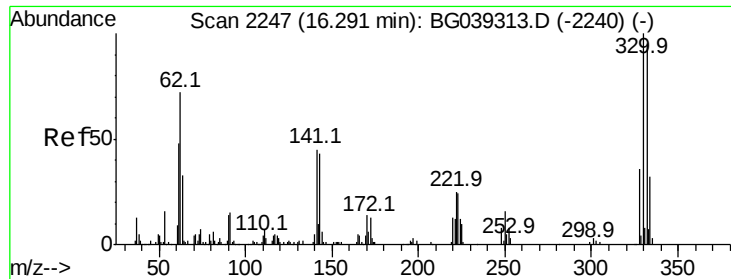
Tot Ion: 82 Resp: 365583
 Ion Ratio Lower Upper
 82 100
 128 44.2 31.3 46.9
 54 57.6 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BG039515.D
 Acq: 14 Feb 2019 20:38

Tgt Ion: 164 Resp: 148158
 Ion Ratio Lower Upper
 164 100
 162 106.9 81.6 122.4
 160 41.1 34.2 51.2

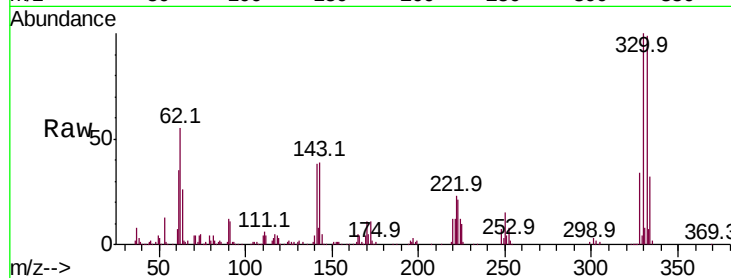




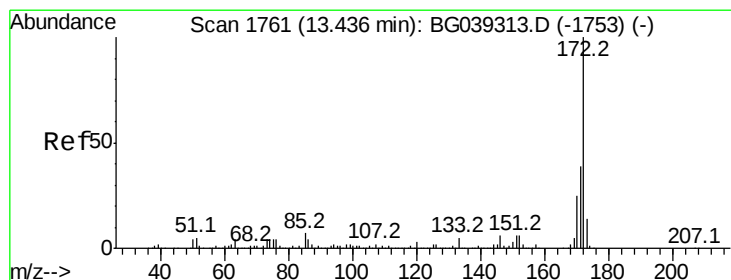
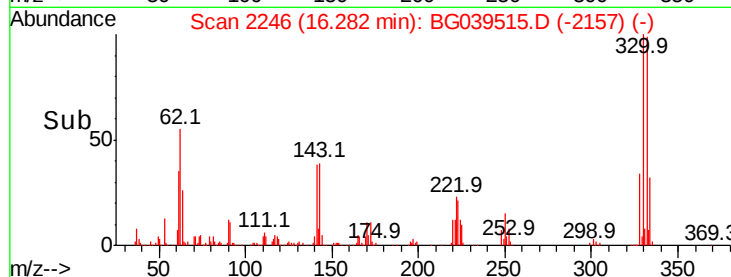
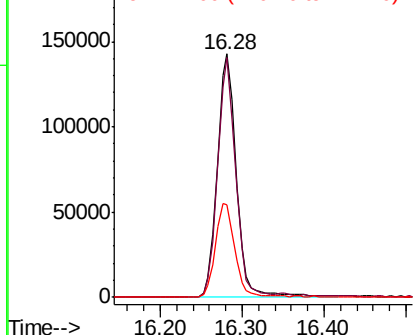
#42
2,4,6-Tribromophenol
Concen: 146.237 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039515.D
Acq: 14 Feb 2019 20:38

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

Tot Ion:330 Resp: 233308
Ion Ratio Lower Upper
330 100
332 92.9 75.7 113.5
141 38.9 35.6 53.4

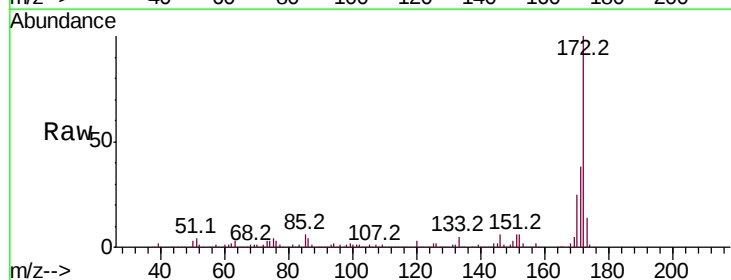


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

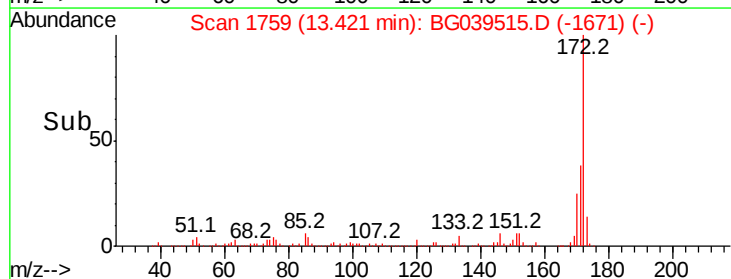
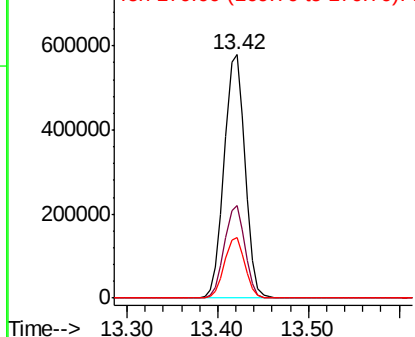


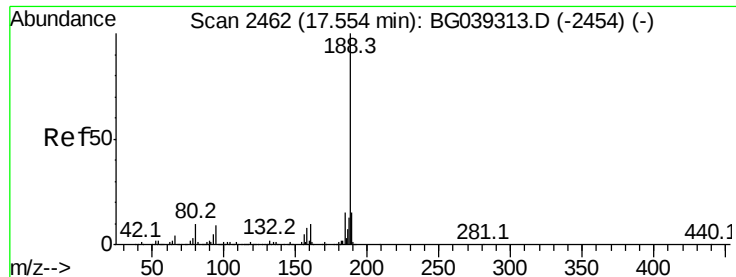
#45
2-Fluorobiphenyl
Concen: 89.588 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039515.D
Acq: 14 Feb 2019 20:38

Tgt Ion:172 Resp: 925247
Ion Ratio Lower Upper
172 100
171 38.3 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# 2460

Delta R.T. -0.01 min

Lab File: BG039515.D

Acq: 14 Feb 2019 20:38

Instrument :

BNA_G

ClientSampleId :

EO-02-021319-A

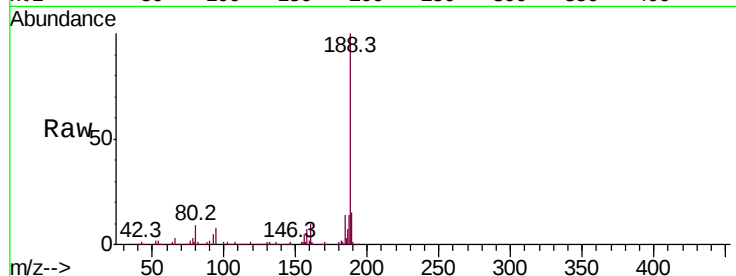
Tot Ion:188 Resp: 365843

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

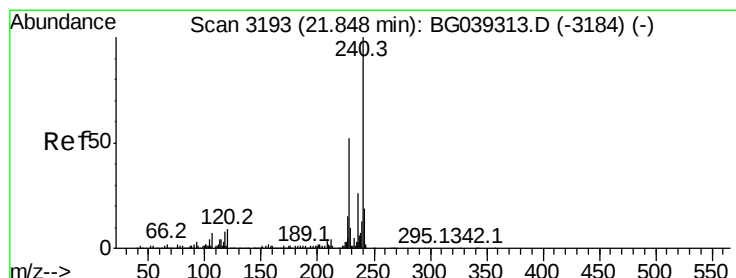
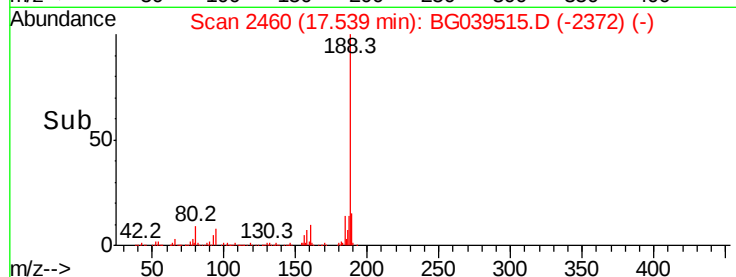
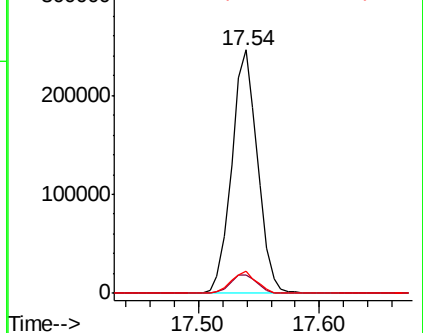
80 9.0 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039515.D

Acq: 14 Feb 2019 20:38

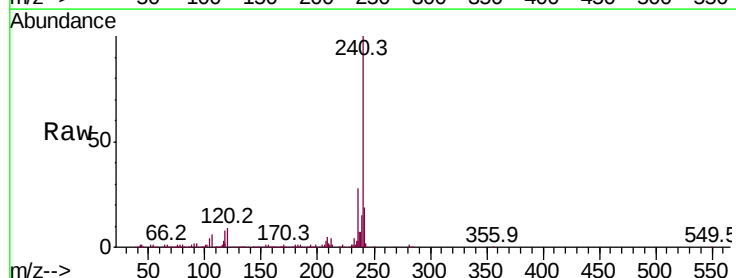
Tgt Ion:240 Resp: 377413

Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.6

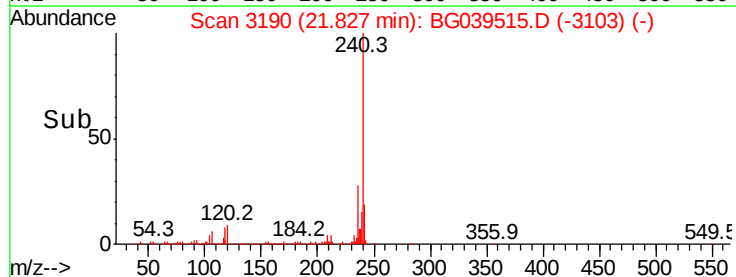
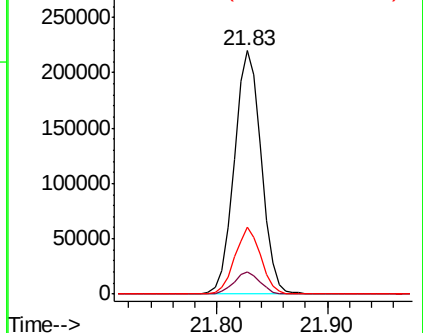
236 27.5 21.0 31.4

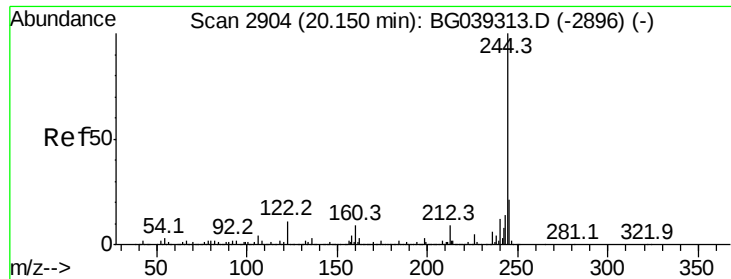


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

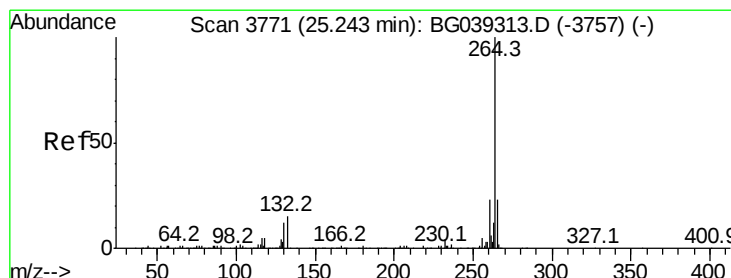
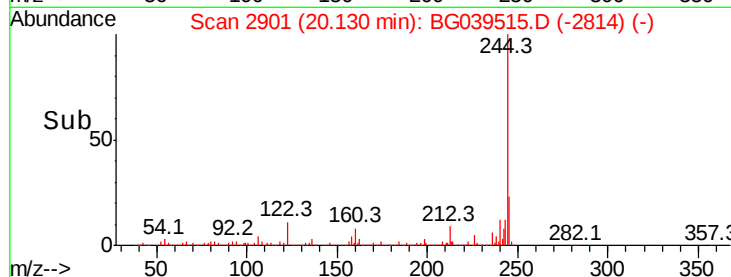
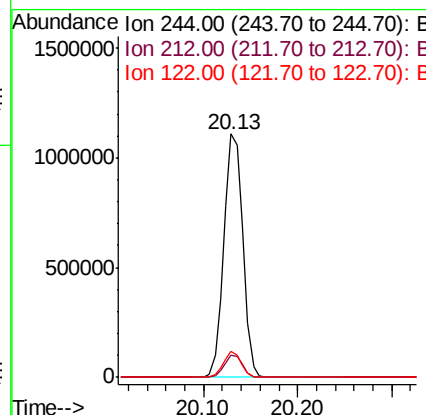
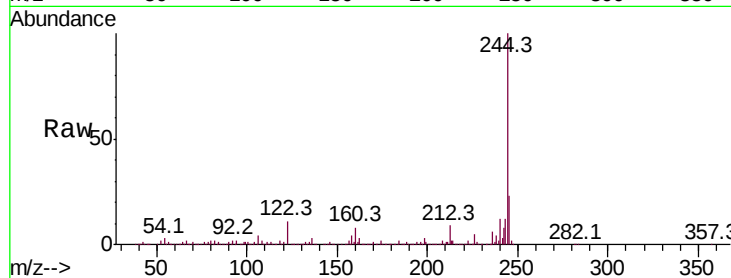




#79
 Terphenyl-d14
 Concen: 87.549 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039515.D
 Acq: 14 Feb 2019 20:38

Instrument :
 BNA_G
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 EO-02-021319-A

Tot Ion:244 Resp: 1561031
 Ion Ratio Lower Upper
 244 100
 212 9.2 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: BG039515.D
 Acq: 14 Feb 2019 20:38

Tgt Ion:264 Resp: 374760
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.4
 265 20.0 18.5 27.7

