

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021419\
 Data File : BG039514.D
 Acq On : 14 Feb 2019 19:58
 Operator : JU/SJ
 Sample : K1349-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-021319-B

Quant Time: Feb 15 04:48:45 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	47059	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	216470	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	159205	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	386579	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	407170	20.00	ng	-0.02
87) Perylene-d12	25.21	264	401998	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	432239	157.20	ng	0.00
7) Phenol-d6	7.32	99	610782	150.91	ng	0.00
23) Nitrobenzene-d5	9.35	82	415143	119.81	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	268926	156.87	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1046271	94.28	ng	-0.02
79) Terphenyl-d14	20.13	244	1708957	88.84	ng	-0.02

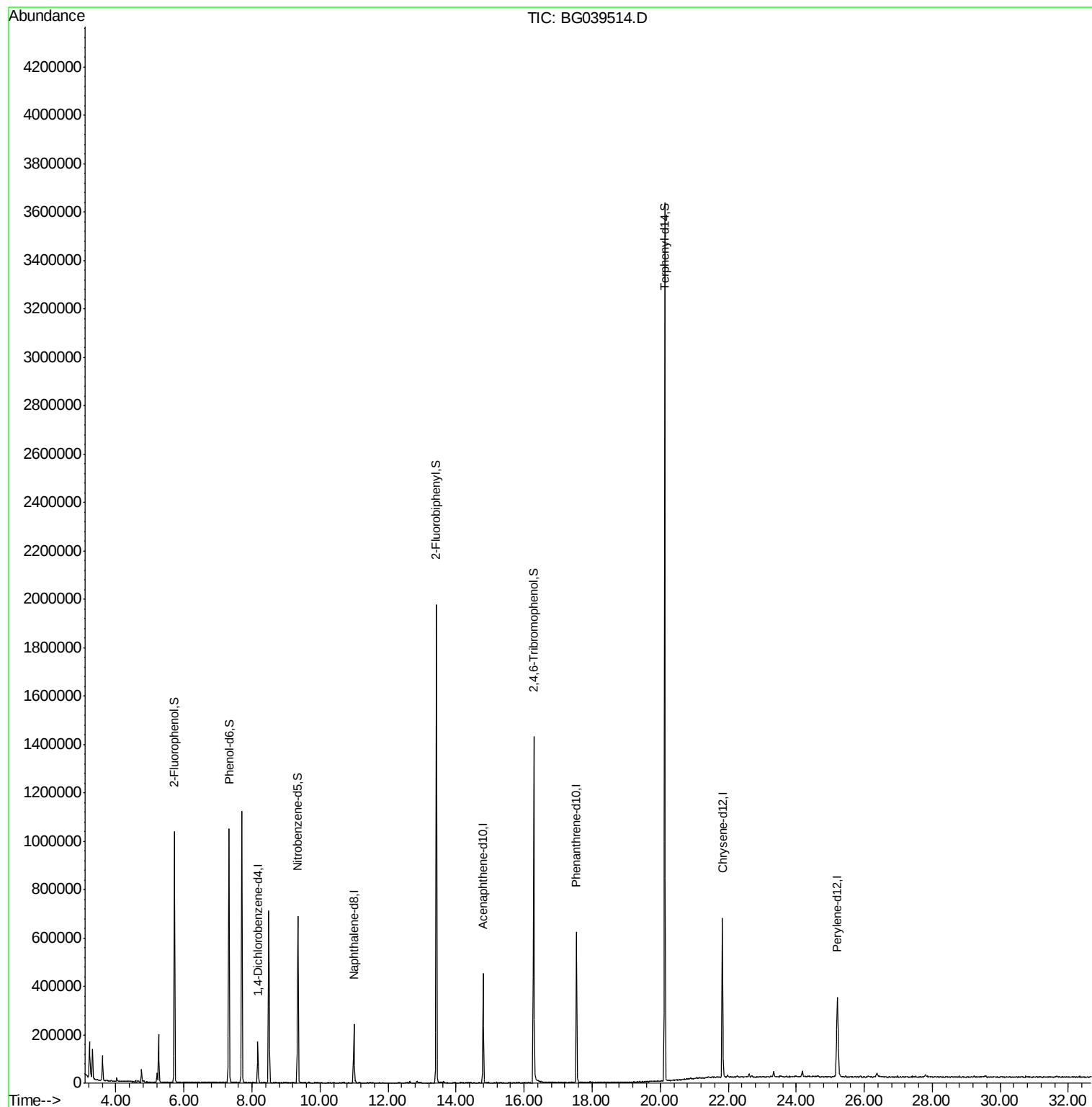
Target Compounds Qvalue

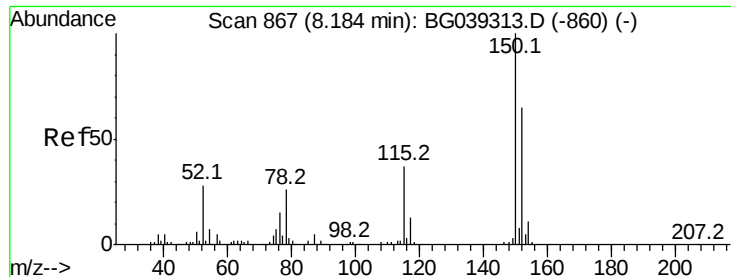
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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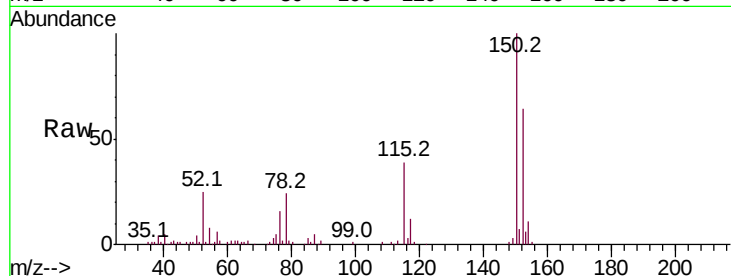


#1

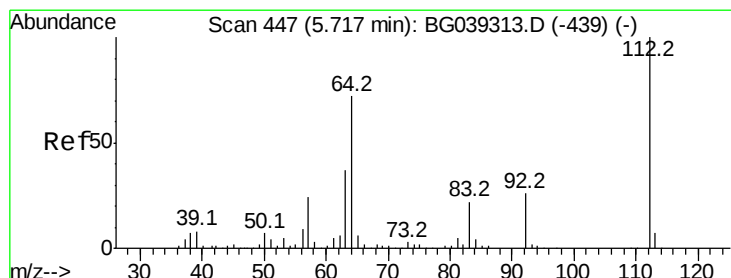
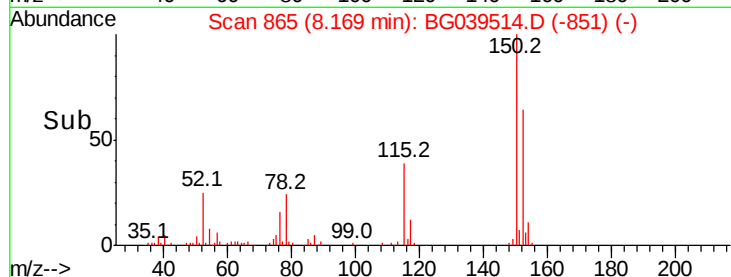
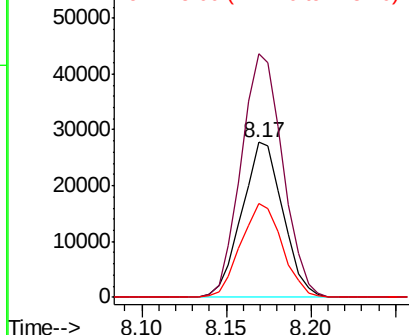
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Instrument :
BNA_G
ClientSampleId :
OR-01-021319-B

Tot Ion:152 Resp: 47059
Ion Ratio Lower Upper
152 100
150 156.9 123.7 185.5
115 60.8 45.9 68.9



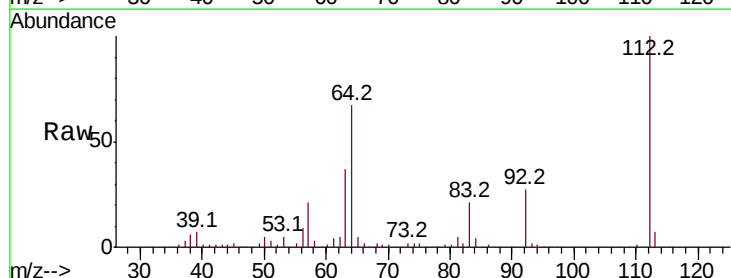
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



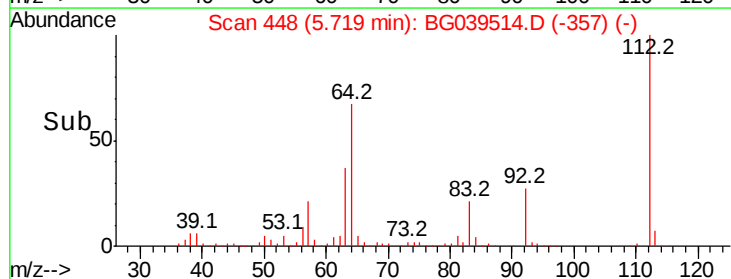
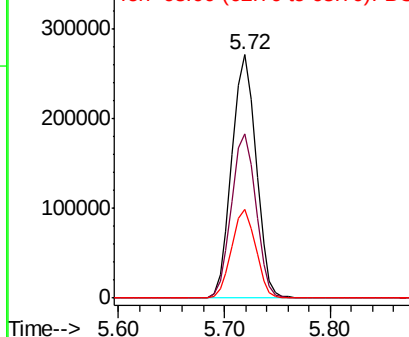
#5

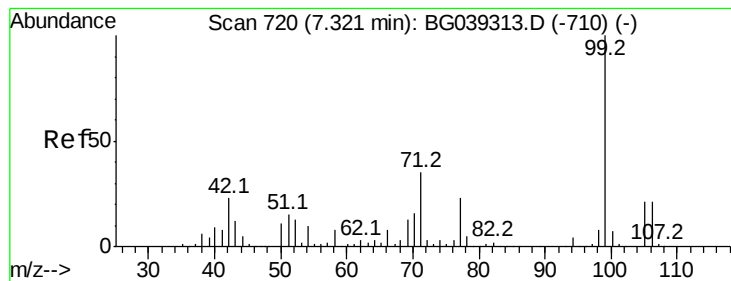
2-Fluorophenol
Concen: 157.203 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.00 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Tgt Ion:112 Resp: 432239
Ion Ratio Lower Upper
112 100
64 67.3 57.8 86.8
63 36.6 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: 150.912 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG039514.D

Acq: 14 Feb 2019 19:58

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-B

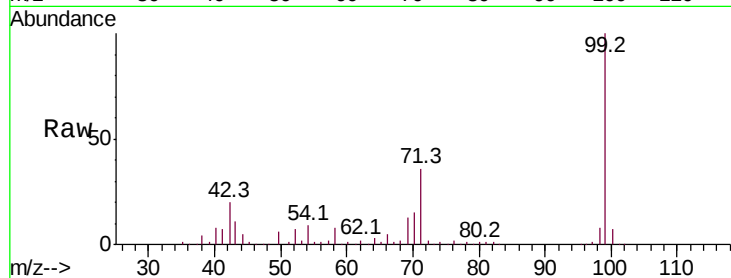
Tot Ion: 99 Resp: 610782

Ion Ratio Lower Upper

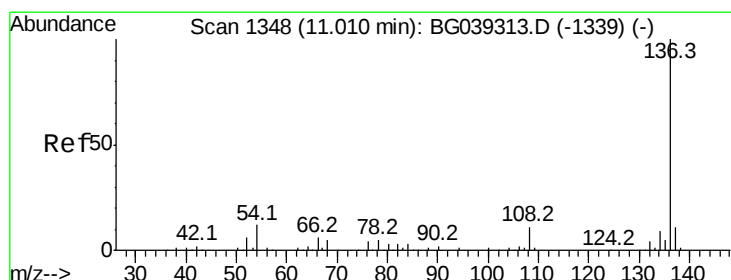
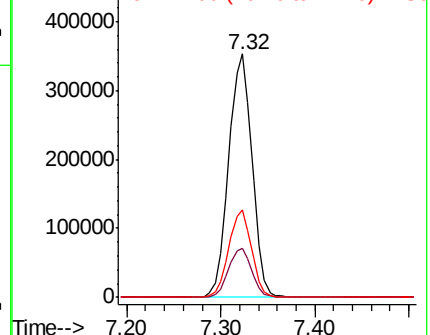
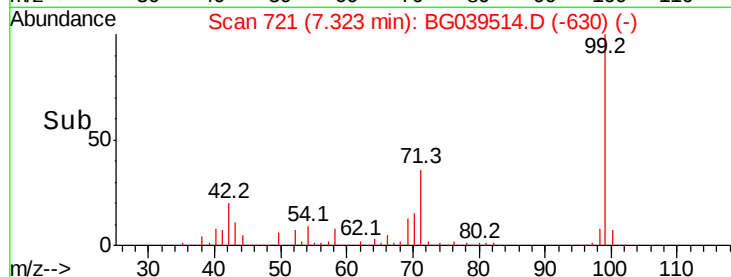
99 100

42 20.2 18.2 27.2

71 35.7 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. -0.02 min

Lab File: BG039514.D

Acq: 14 Feb 2019 19:58

Tgt Ion: 136 Resp: 216470

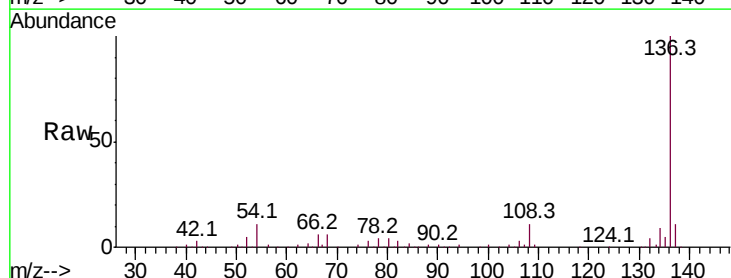
Ion Ratio Lower Upper

136 100

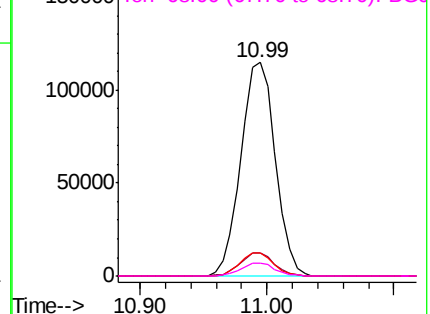
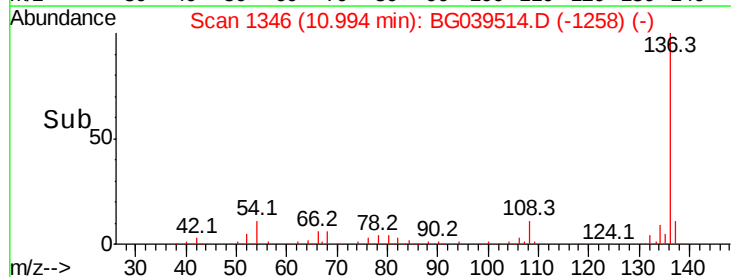
137 10.5 9.1 13.7

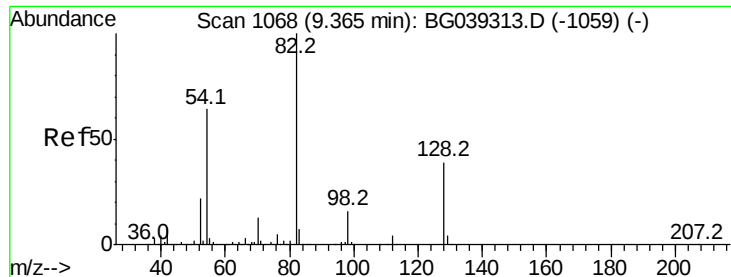
54 10.6 9.4 14.2

68 6.0 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

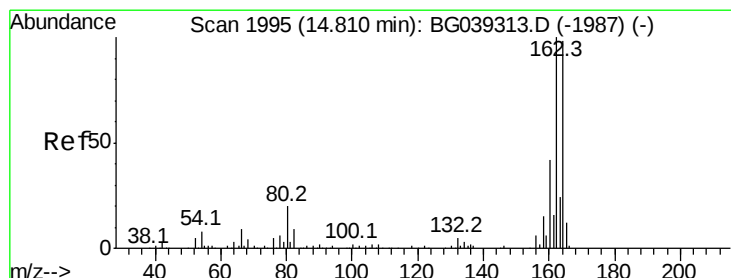
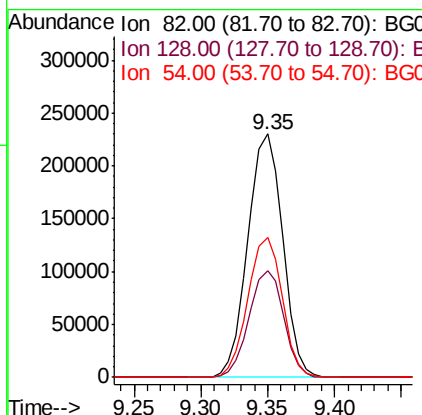
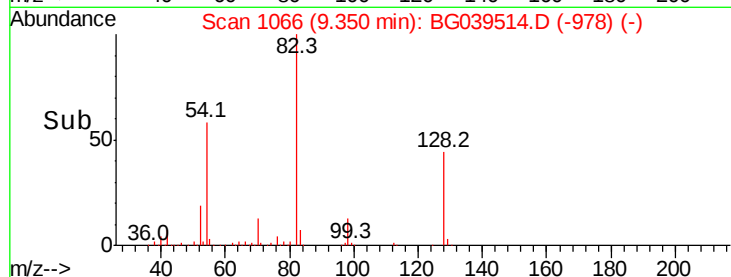
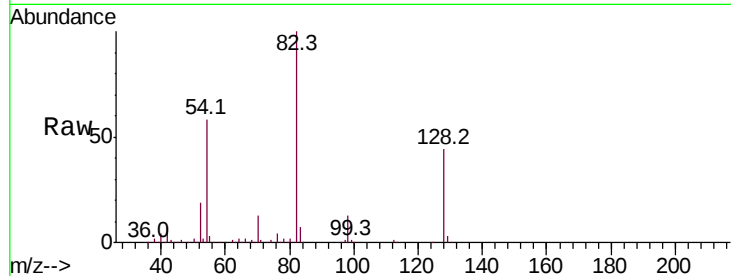




#23
Nitrobenzene-d5
Concen: 119.807 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

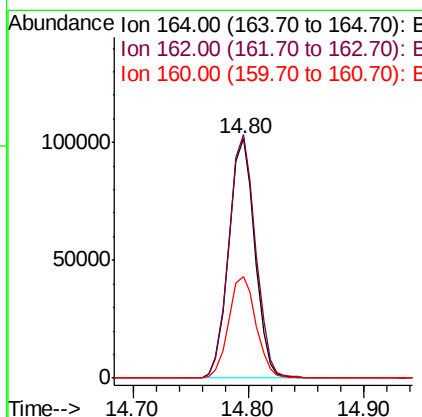
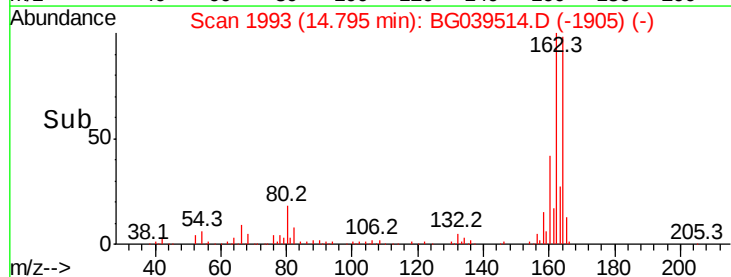
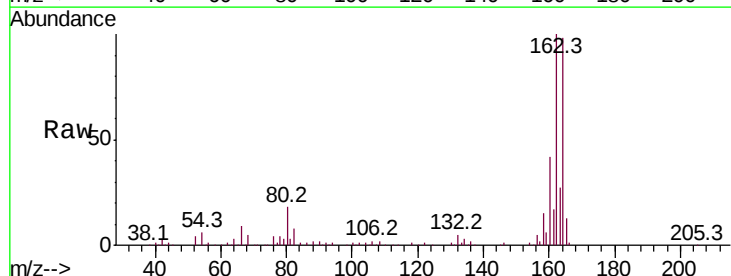
Instrument :
BNA_G
ClientSampleId :
OR-01-021319-B

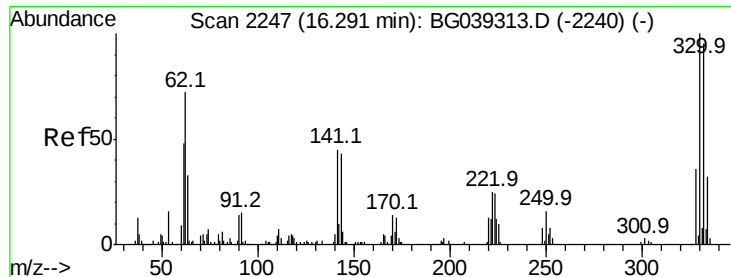
Tot Ion: 82 Resp: 415143
Ion Ratio Lower Upper
82 100
128 43.9 31.3 46.9
54 57.7 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG039514.D
Acq: 14 Feb 2019 19:58

Tgt Ion:164 Resp: 159205
Ion Ratio Lower Upper
164 100
162 101.8 81.6 122.4
160 42.3 34.2 51.2

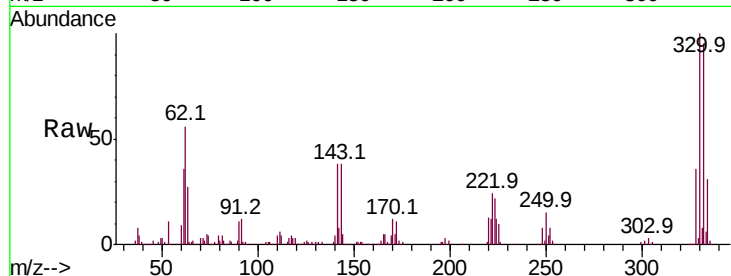




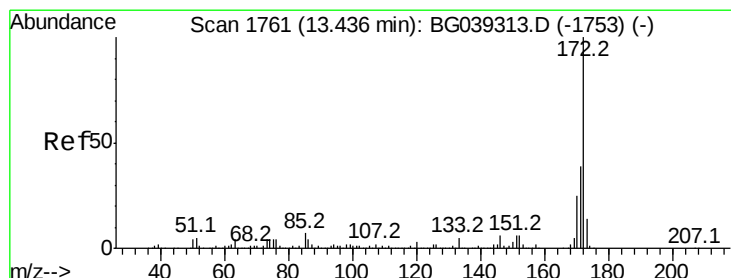
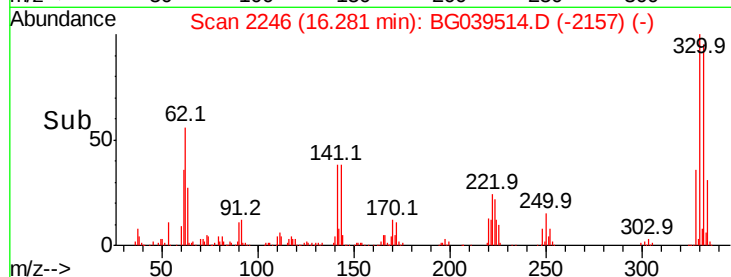
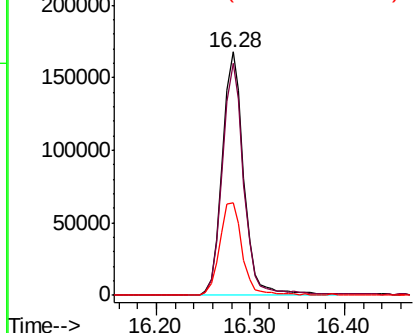
#42
 2,4,6-Tribromophenol
 Concen: 156.866 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039514.D
 Acq: 14 Feb 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-021319-B

Tot Ion:330 Resp: 268926
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.7 113.5
 141 40.1 35.6 53.4

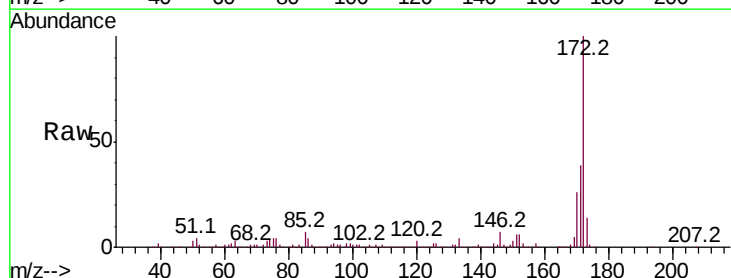


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

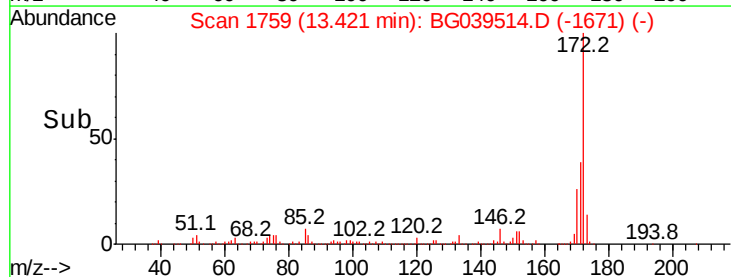
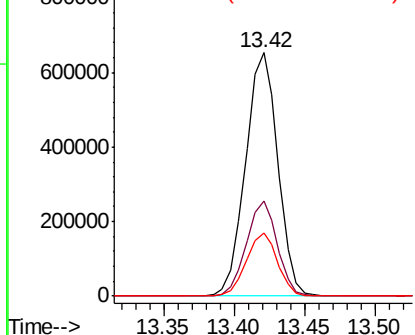


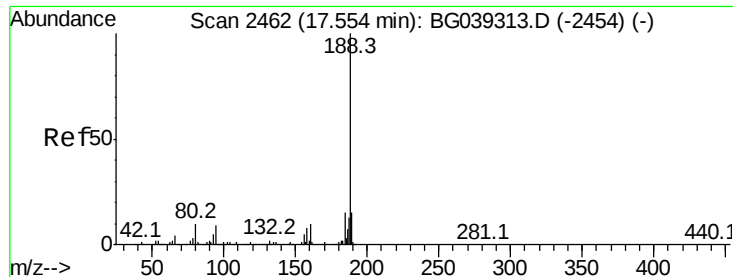
#45
 2-Fluorobiphenyl
 Concen: 94.276 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG039514.D
 Acq: 14 Feb 2019 19:58

Tgt Ion:172 Resp: 1046271
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.8 46.2
 170 25.7 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. -0.02 min

Lab File: BG039514.D

Acq: 14 Feb 2019 19:58

Instrument :

BNA_G

ClientSampleId :

OR-01-021319-B

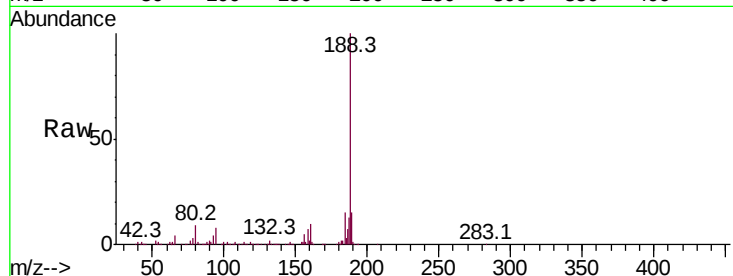
Tot Ion:188 Resp: 386579

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

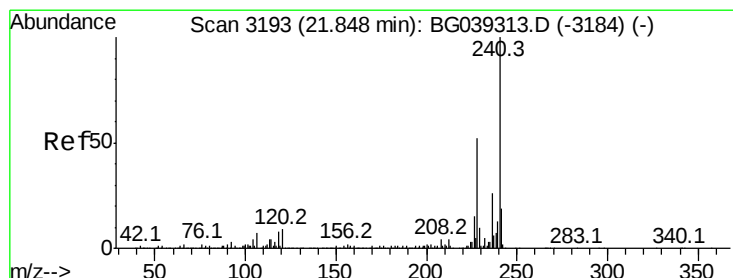
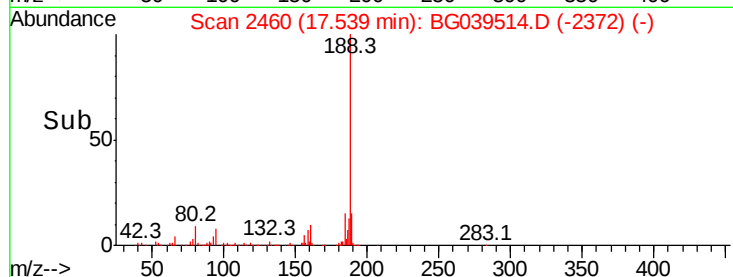
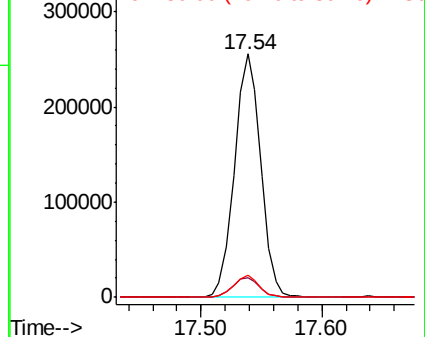
80 8.9 8.1 12.1



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: BG039514.D

Acq: 14 Feb 2019 19:58

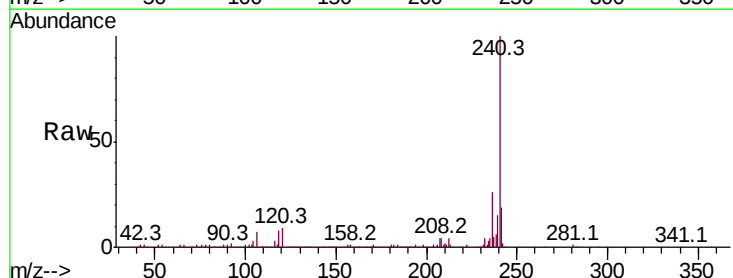
Tgt Ion:240 Resp: 407170

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

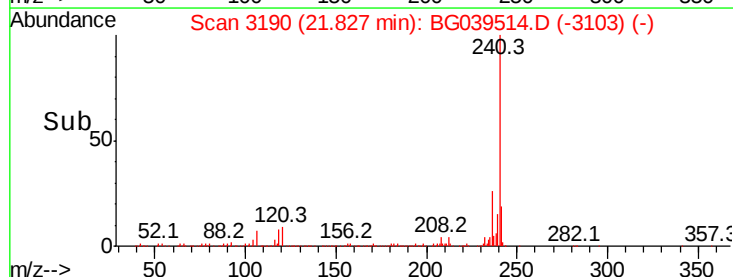
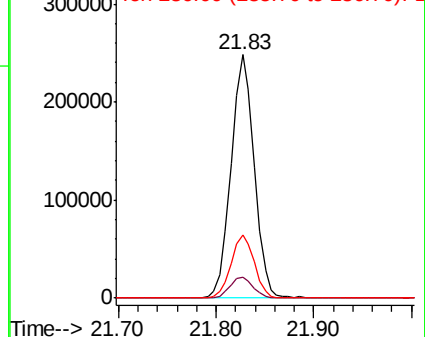
236 25.9 21.0 31.4

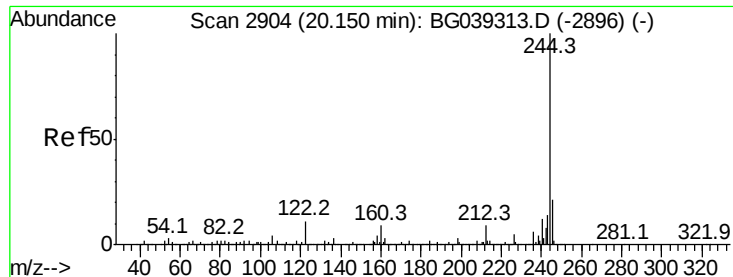


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.841 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039514.D

Acq: 14 Feb 2019 19:58

Instrument :

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ClientSampleId :

OR-01-021319-B

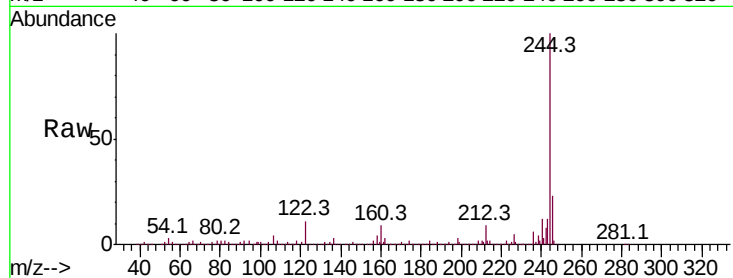
Tot Ion:244 Resp: 1708957

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

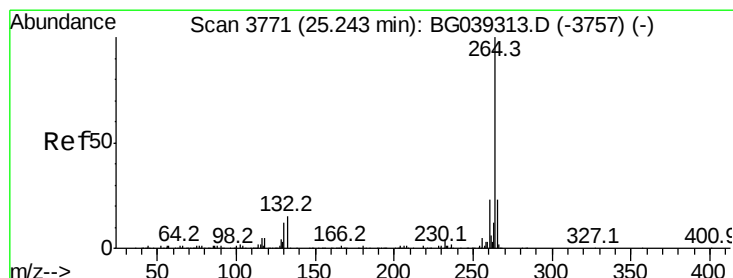
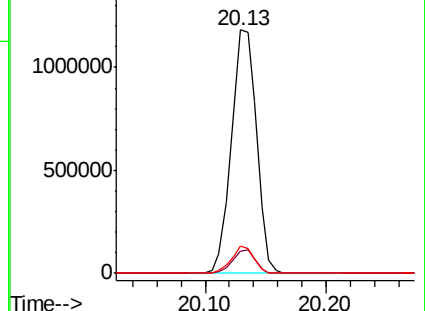
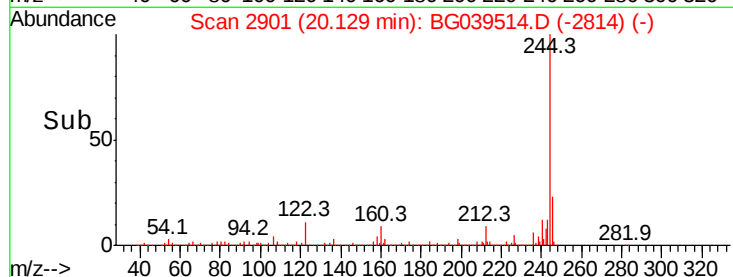
122 11.0 8.4 12.6



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: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039514.D

Acq: 14 Feb 2019 19:58

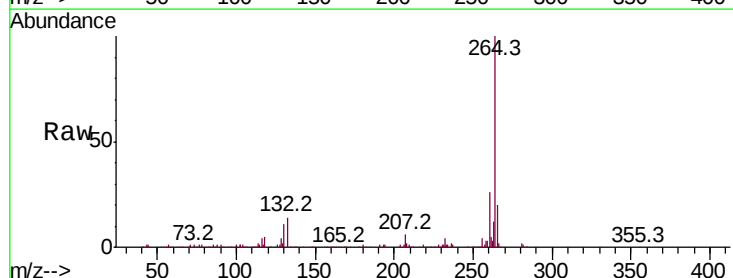
Tgt Ion:264 Resp: 401998

Ion Ratio Lower Upper

264 100

260 25.7 18.2 27.4

265 20.1 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

