

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
 Data File : BG039546.D
 Acq On : 18 Feb 2019 19:24
 Operator : JU/SJ
 Sample : K1508-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-12-S

Quant Time: Feb 19 01:01:23 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	52713	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	235568	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	161937	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	397194	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	413654	20.00	ng	-0.02
87) Perylene-d12	25.20	264	371079	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	374533	121.61	ng	0.00
7) Phenol-d6	7.32	99	500300	110.36	ng	0.00
23) Nitrobenzene-d5	9.34	82	363080	96.29	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	213986	122.71	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	907975	80.43	ng	-0.02
79) Terphenyl-d14	20.13	244	1495950	76.55	ng	-0.02

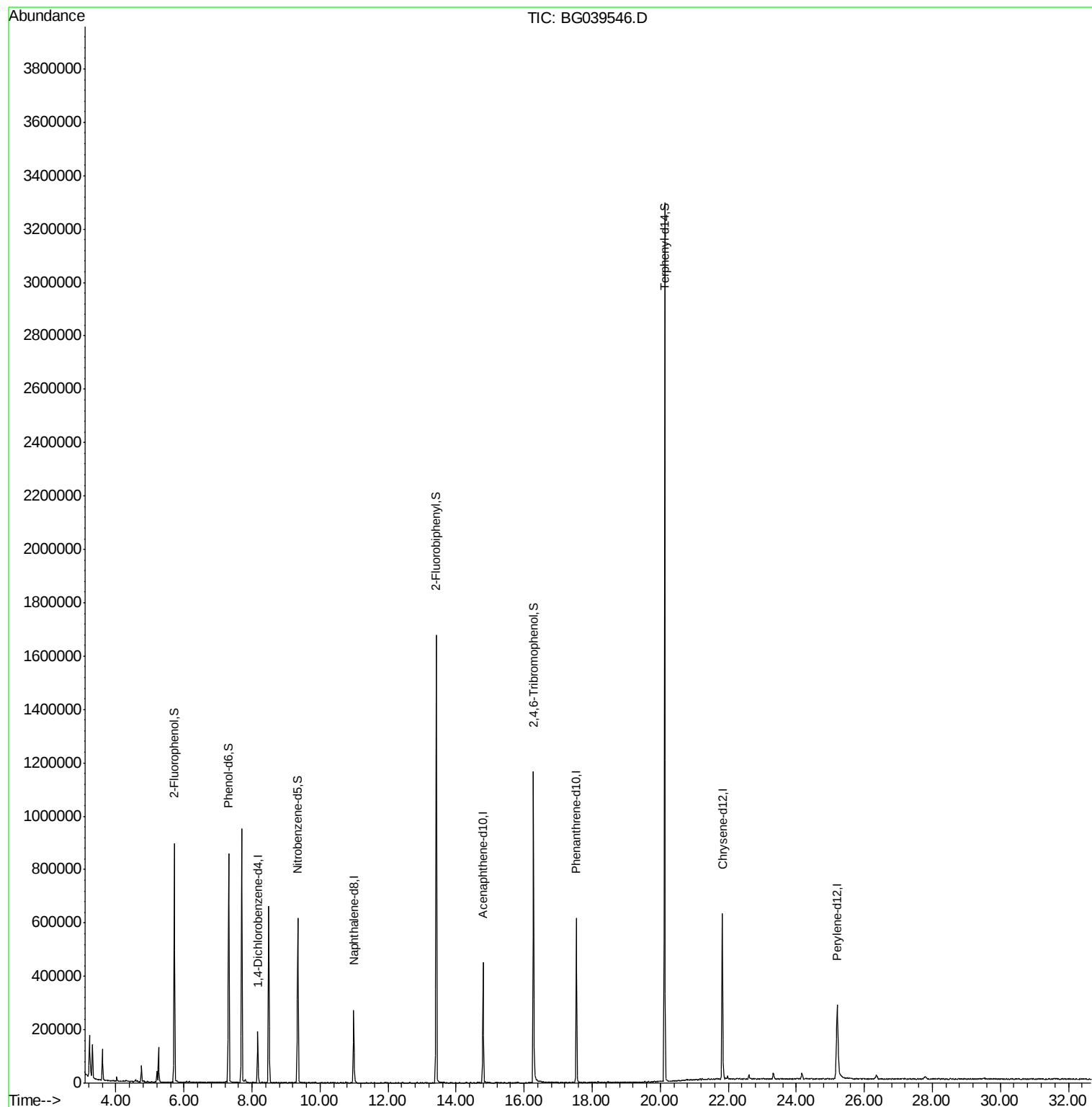
Target Compounds Qvalue

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

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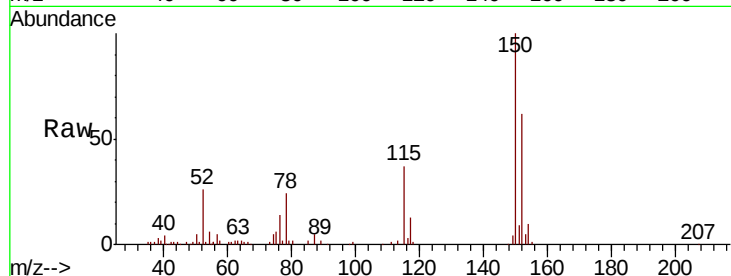


#1

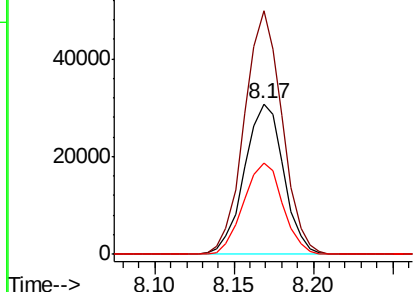
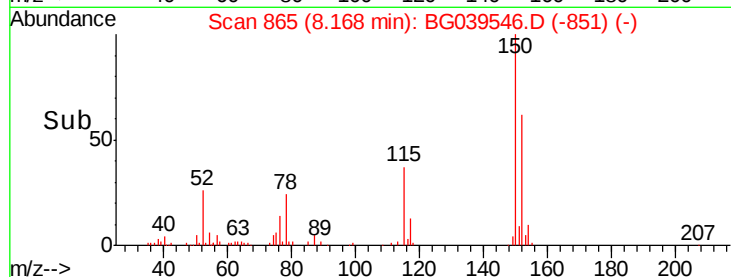
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039546.D
Acq: 18 Feb 2019 19:24

Instrument :
BNA_G
ClientSampleId :
M-12-S

Tot Ion:152 Resp: 52713
Ion Ratio Lower Upper
152 100
150 161.6 123.7 185.5
115 60.6 45.9 68.9



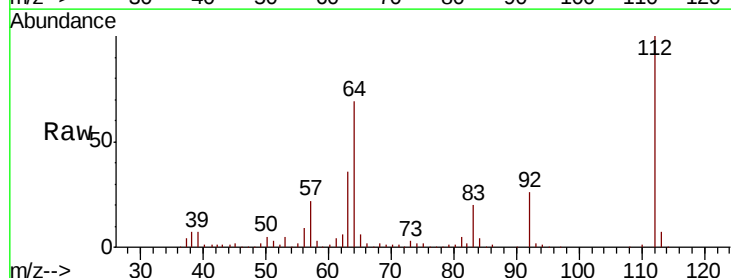
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



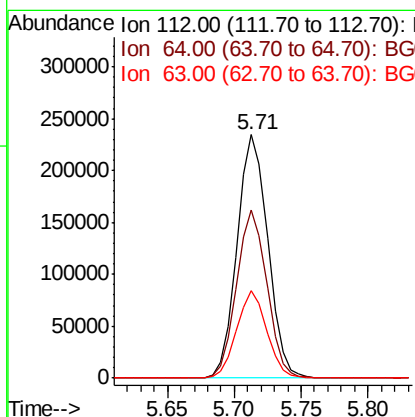
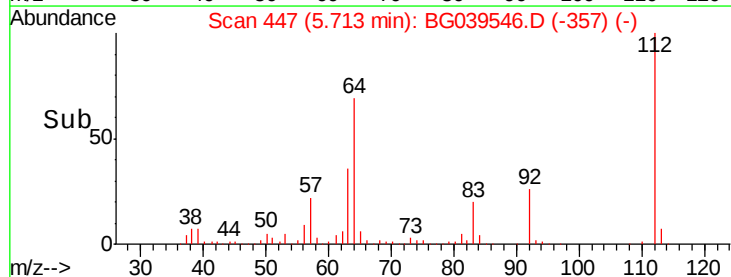
#5

2-Fluorophenol
Concen: 121.605 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039546.D
Acq: 18 Feb 2019 19:24

Tgt Ion:112 Resp: 374533
Ion Ratio Lower Upper
112 100
64 68.9 57.8 86.8
63 35.9 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: 110.355 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039546.D

Acq: 18 Feb 2019 19:24

Instrument :

BNA_G

ClientSampleId :

M-12-S

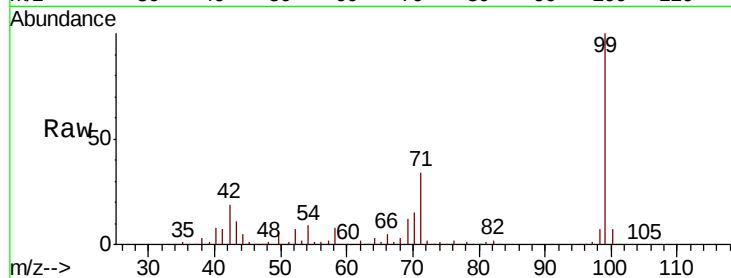
Tot Ion: 99 Resp: 500300

Ion Ratio Lower Upper

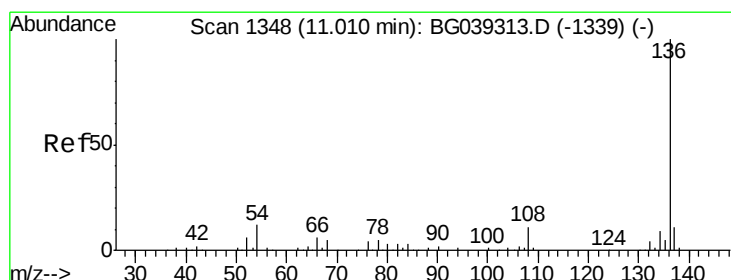
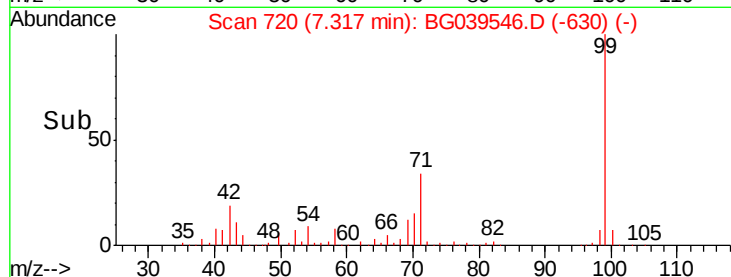
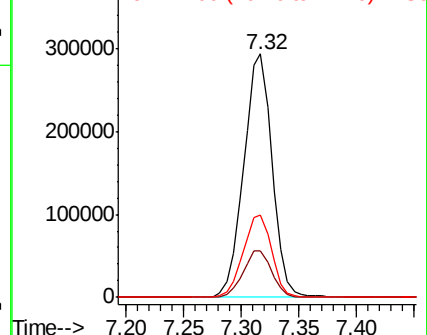
99 100

42 19.1 18.2 27.2

71 33.7 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# 1345

Delta R.T. -0.02 min

Lab File: BG039546.D

Acq: 18 Feb 2019 19:24

Tgt Ion: 136 Resp: 235568

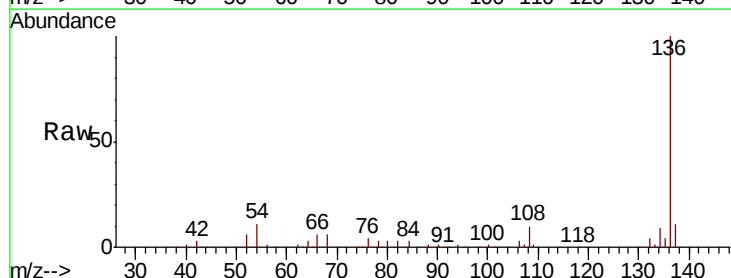
Ion Ratio Lower Upper

136 100

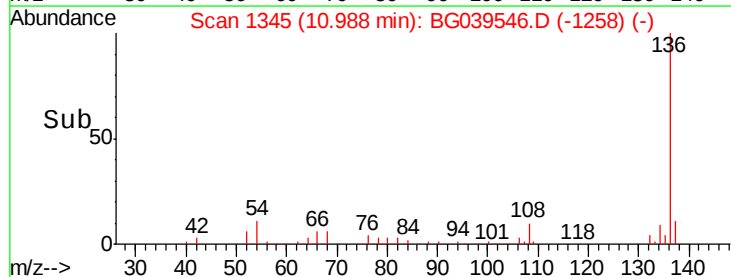
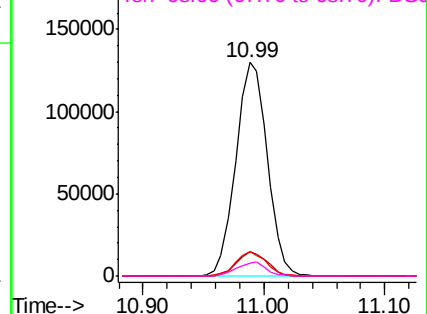
137 11.4 9.1 13.7

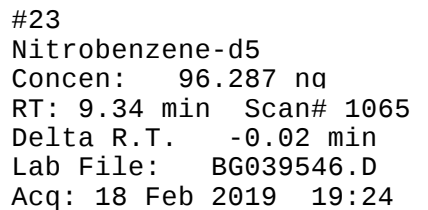
54 11.4 9.4 14.2

68 6.1 4.2 6.4



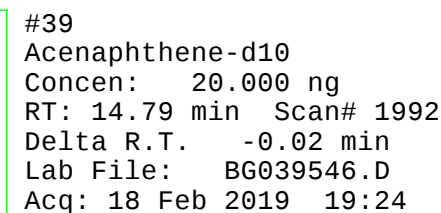
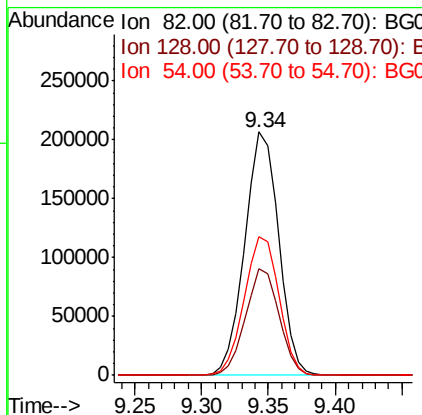
Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



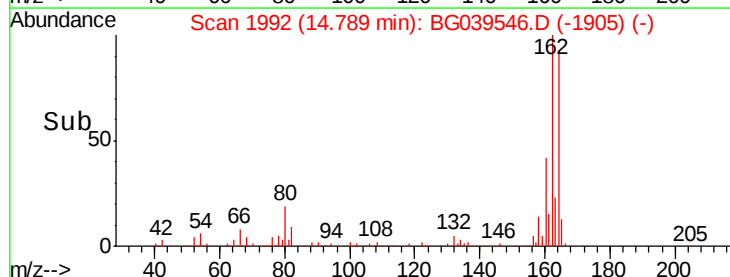
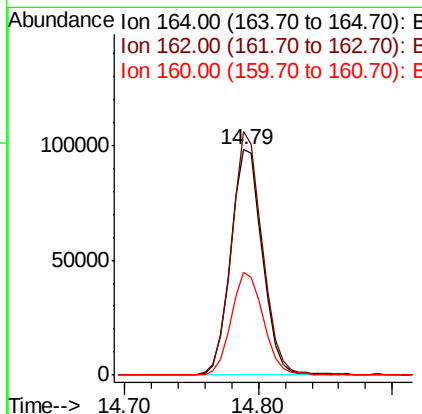


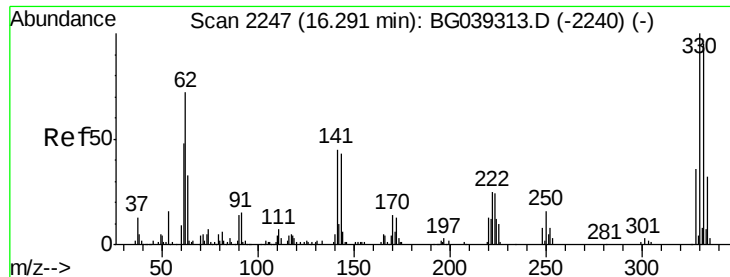
Instrument :
BNA_G
ClientSampleId :
M-12-S

Tot	Ion: 82	Resp:	363080
Ion	Ratio	Lower	Upper
82	100		
128	43.6	31.3	46.9
54	57.0	50.9	76.3



Tgt	Ion:164	Resp:	161937
Ion	Ratio	Lower	Upper
164	100		
162	107.9	81.6	122.4
160	45.3	34.2	51.2

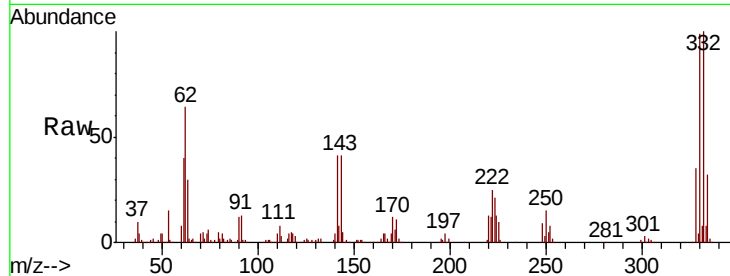




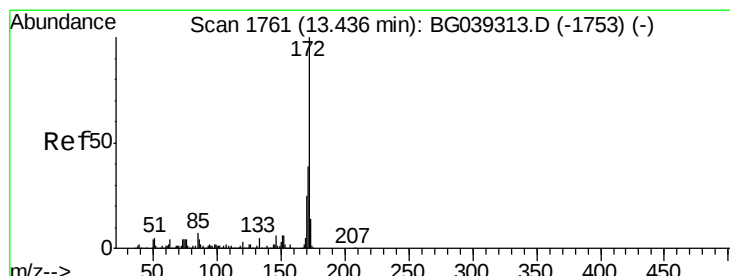
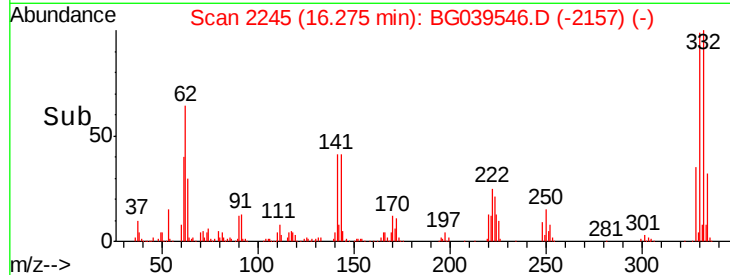
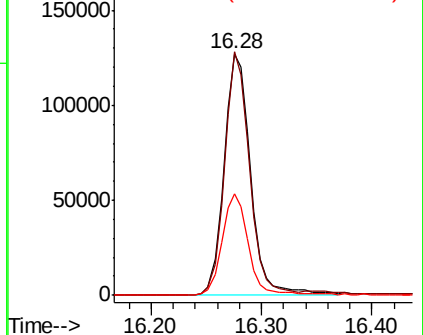
#42
 2,4,6-Tribromophenol
 Concen: 122.714 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.02 min
 Lab File: BG039546.D
 Acq: 18 Feb 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :
 M-12-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.7	113.5
141	41.6	35.6	53.4

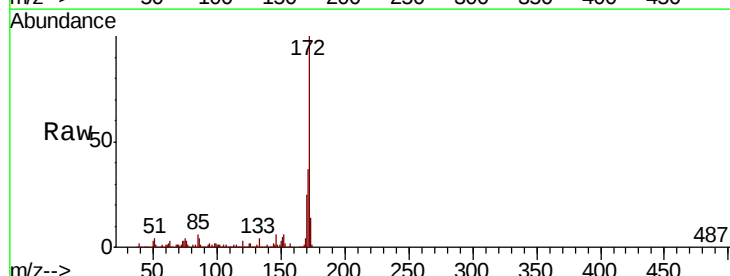


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

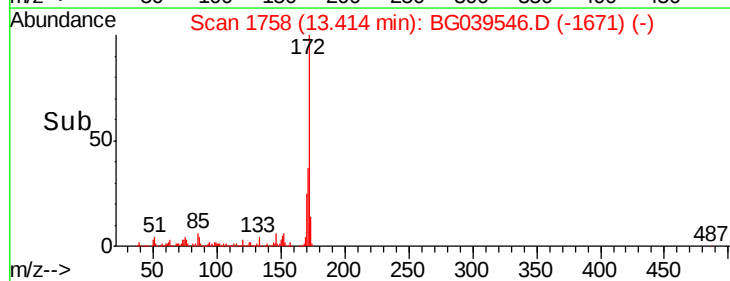
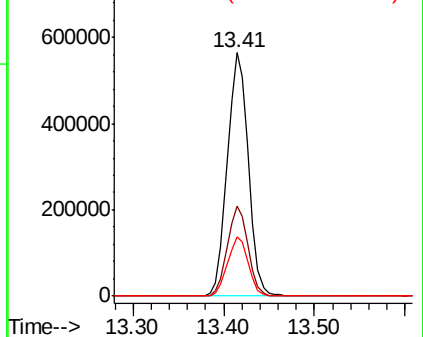


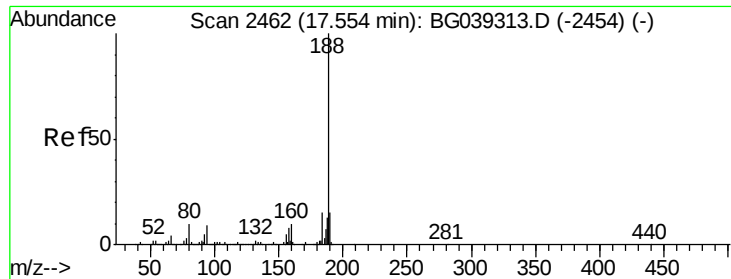
#45
 2-Fluorobiphenyl
 Concen: 80.435 ng
 RT: 13.41 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039546.D
 Acq: 18 Feb 2019 19:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.8	46.2
170	24.5	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: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039546.D

Acq: 18 Feb 2019 19:24

Instrument :

BNA_G

ClientSampleId :

M-12-S

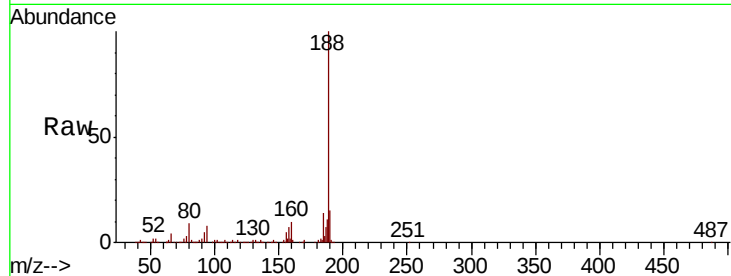
Tot Ion:188 Resp: 397194

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

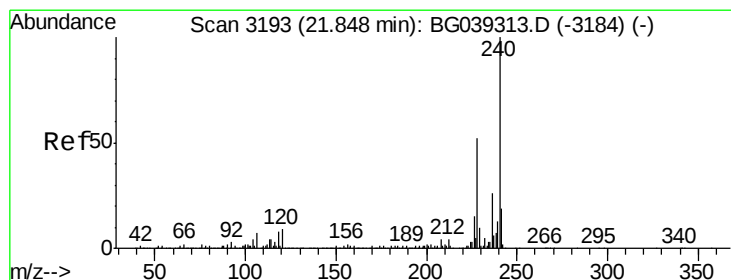
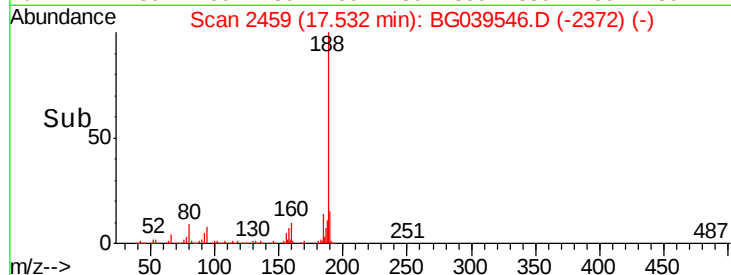
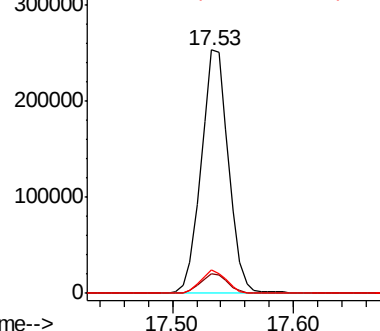
80 9.5 8.1 12.1



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: BG039546.D

Acq: 18 Feb 2019 19:24

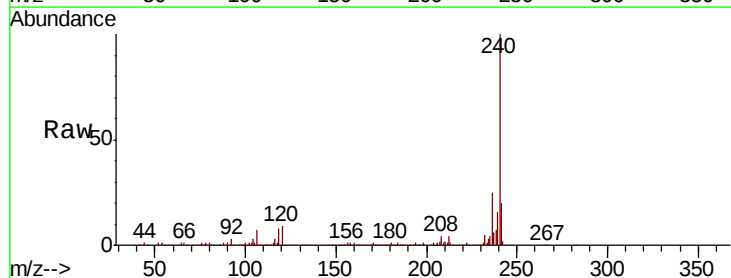
Tgt Ion:240 Resp: 413654

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

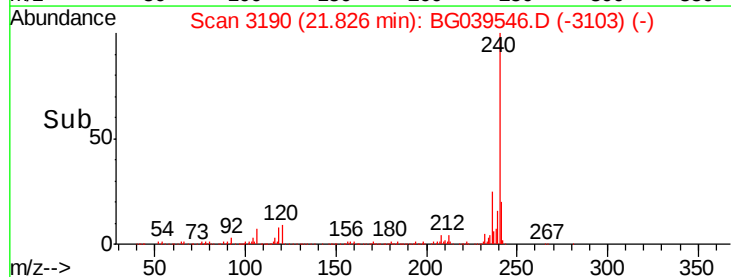
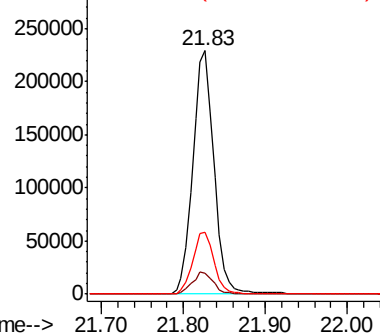
236 25.3 21.0 31.4



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: 76.549 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039546.D

Acq: 18 Feb 2019 19:24

Instrument :

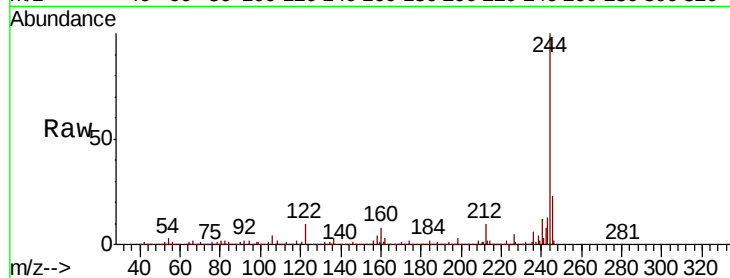
BNA_G

ClientSampled :

M-12-S

Tot Ion:244 Resp: 1495950

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	10.2	8.4	12.6

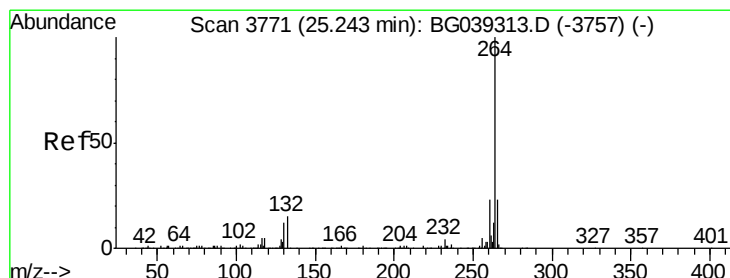
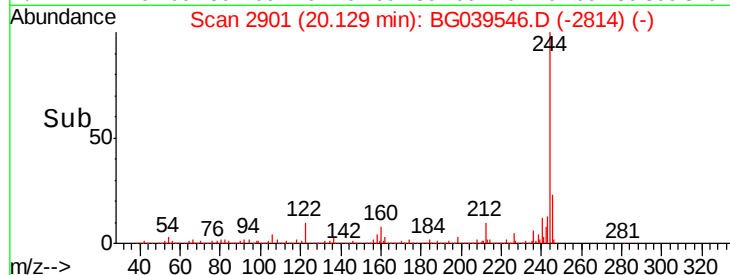
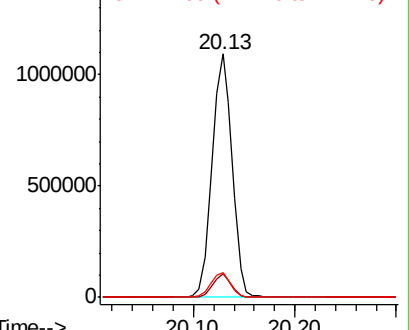


Abundance

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: 25.20 min Scan# 3765

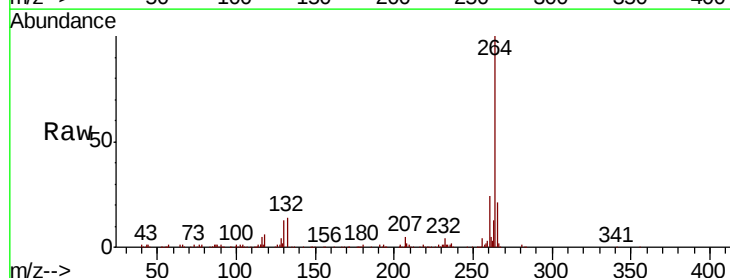
Delta R.T. -0.04 min

Lab File: BG039546.D

Acq: 18 Feb 2019 19:24

Tgt Ion:264 Resp: 371079

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	20.8	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

