

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039621.D
 Acq On : 27 Feb 2019 5:18
 Operator : JU/SJ
 Sample : K1595-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-CBF-B11

Quant Time: Feb 27 06:52:10 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	55184	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	223802	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	141001	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	339764	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	377579	20.00	ng	-0.03
87) Perylene-d12	25.19	264	373024	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	441593	136.96	ng	0.00
7) Phenol-d6	7.31	99	565409	119.13	ng	0.00
23) Nitrobenzene-d5	9.34	82	410096	114.47	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	233190	153.58	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	951872	96.84	ng	-0.02
79) Terphenyl-d14	20.12	244	1537182	86.17	ng	-0.03

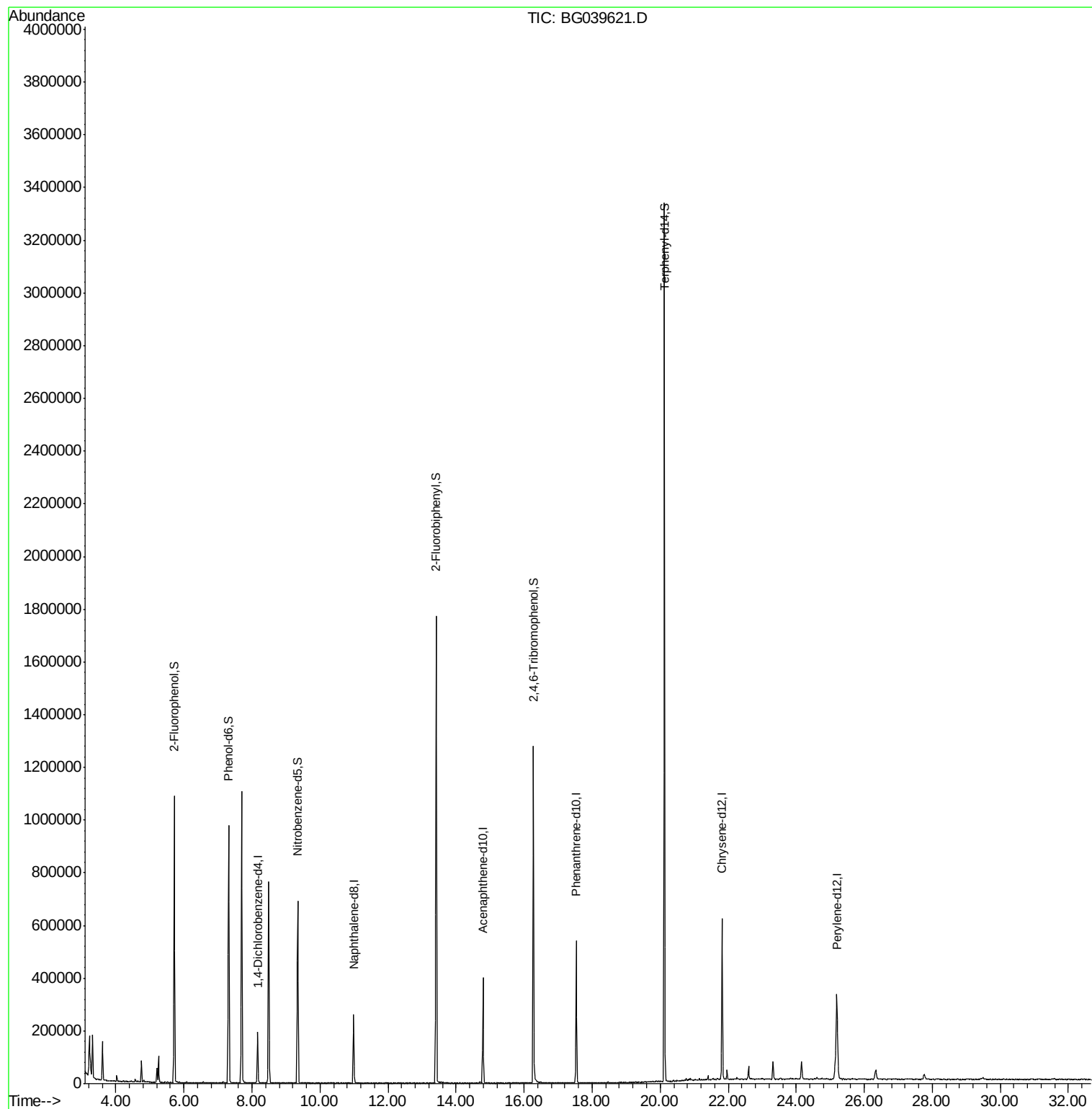
Target Compounds Qvalue

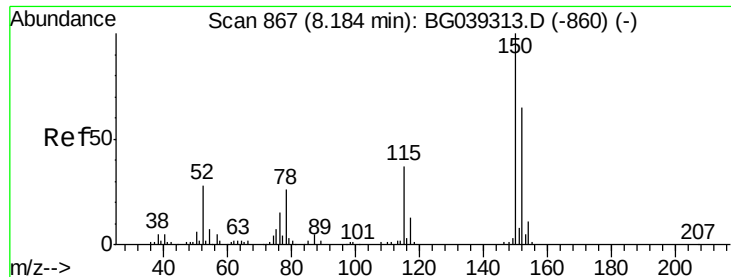
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039621.D
Acq On : 27 Feb 2019 5:18
Operator : JU/SJ
Sample : K1595-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-CBF-B11

Quant Time: Feb 27 06:52:10 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



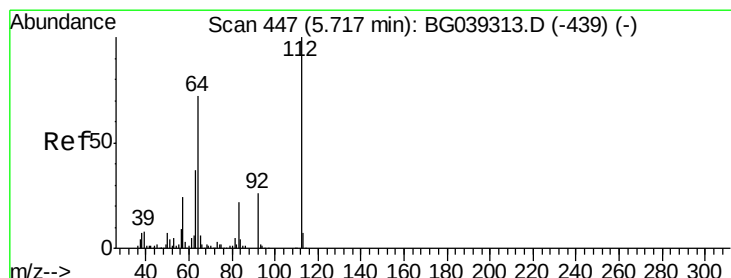
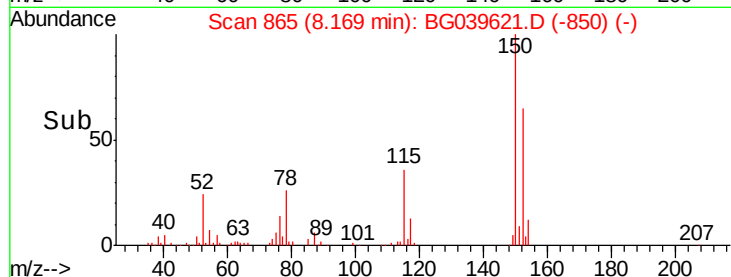
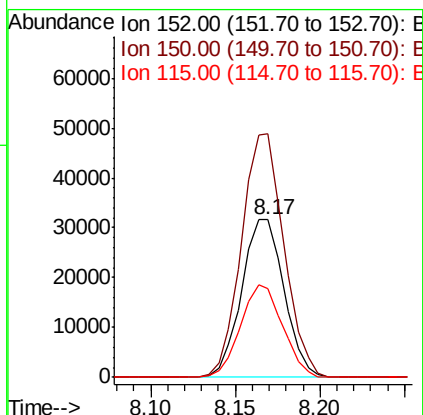
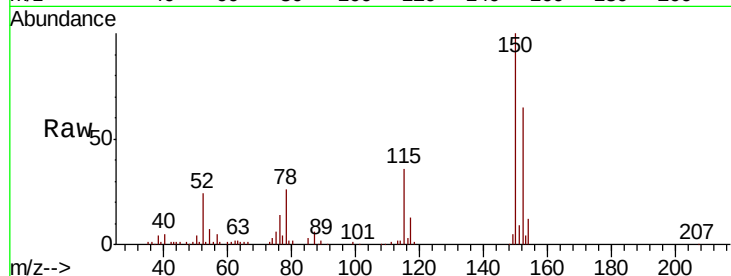


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039621.D
Acq: 27 Feb 2019 5:18

Instrument :
BNA_G
ClientSampleId :
TP-CBF-B11

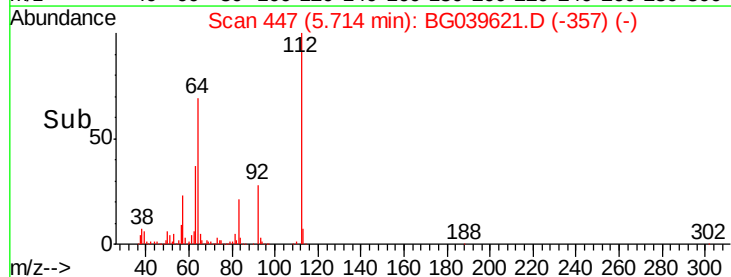
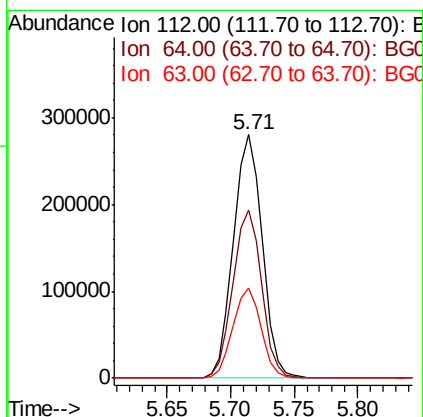
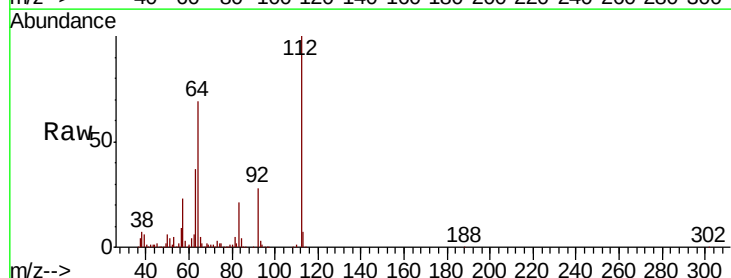
Tot Ion:152 Resp: 55184
Ion Ratio Lower Upper
152 100
150 154.5 123.7 185.5
115 56.4 45.9 68.9

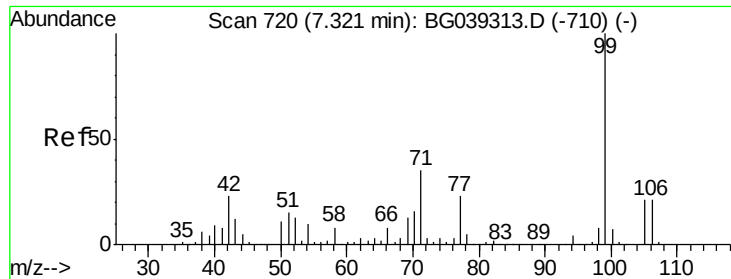


#5

2-Fluorophenol
Concen: 136.958 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039621.D
Acq: 27 Feb 2019 5:18

Tgt Ion:112 Resp: 441593
Ion Ratio Lower Upper
112 100
64 69.0 57.8 86.8
63 36.8 29.8 44.6





#7

Phenol-d6

Concen: 119.132 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039621.D

Acq: 27 Feb 2019 5:18

Instrument :

BNA_G

ClientSampleId :

TP-CBF-B11

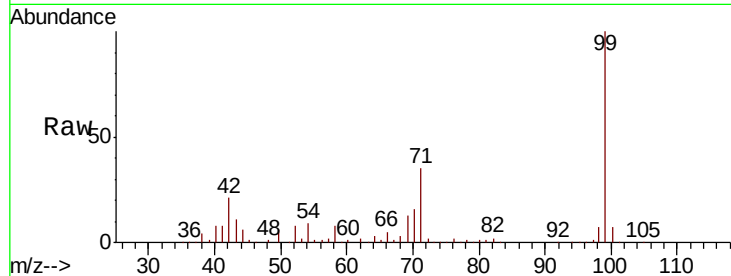
Tot Ion: 99 Resp: 565409

Ion Ratio Lower Upper

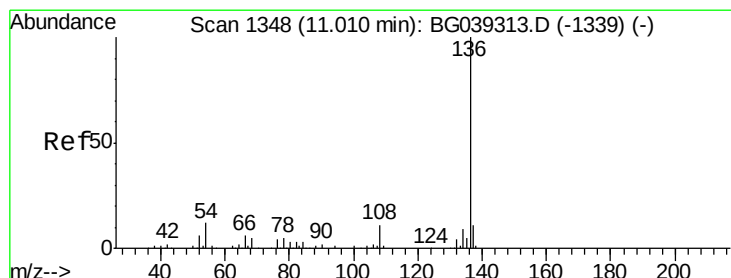
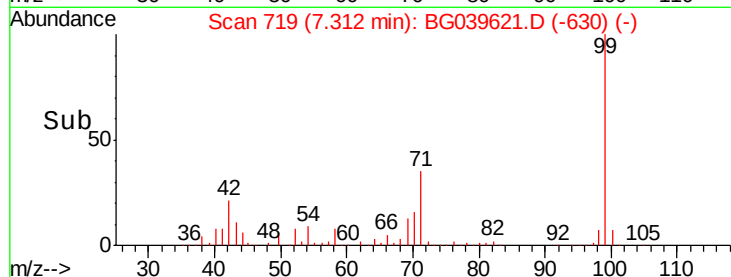
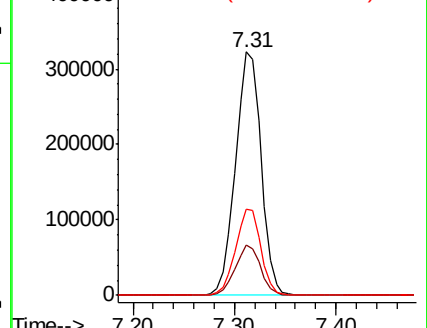
99 100

42 20.6 18.2 27.2

71 35.2 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: BG039621.D

Acq: 27 Feb 2019 5:18

Tgt Ion: 136 Resp: 223802

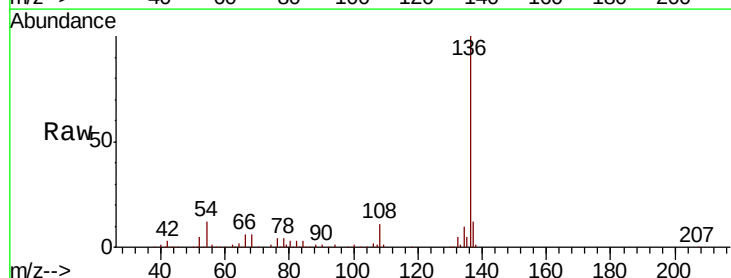
Ion Ratio Lower Upper

136 100

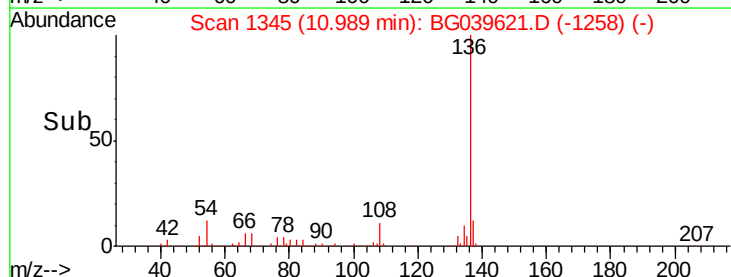
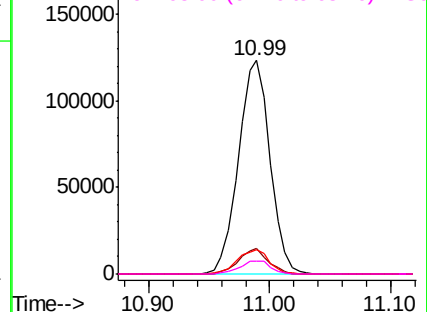
137 12.2 9.1 13.7

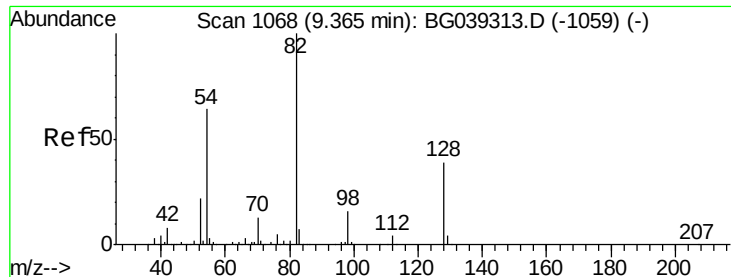
54 11.7 9.4 14.2

68 6.2 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

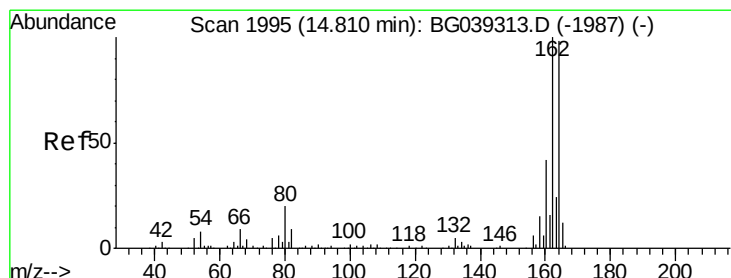
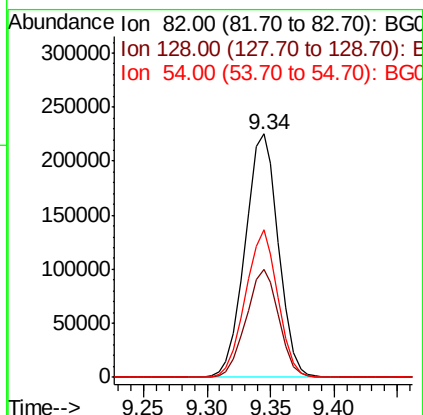
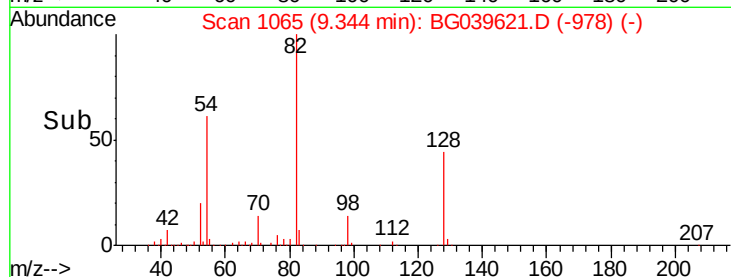
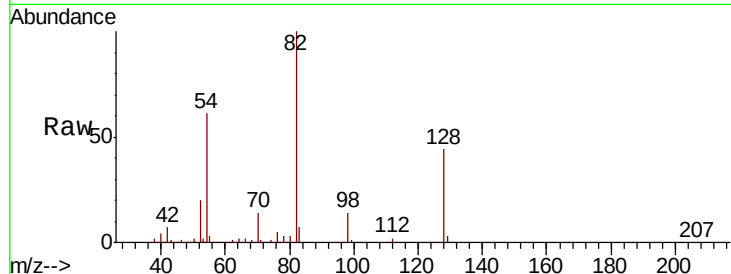




#23
 Nitrobenzene-d5
 Concen: 114.473 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039621.D
 Acq: 27 Feb 2019 5:18

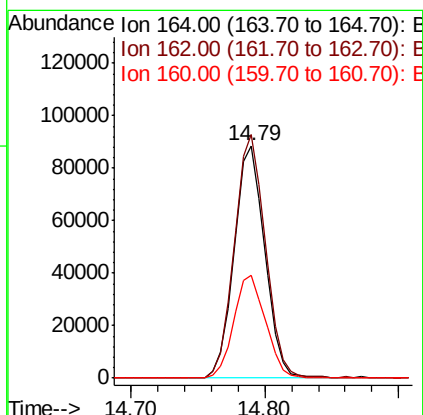
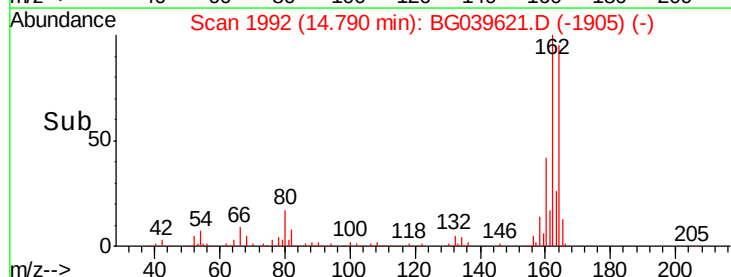
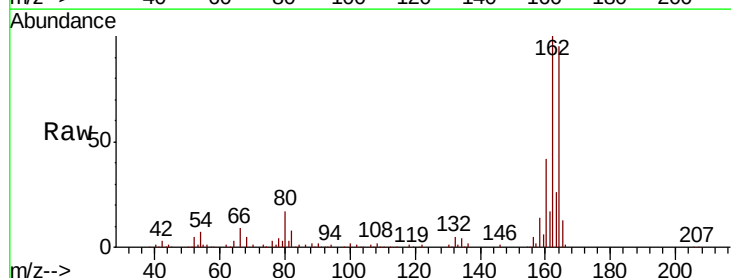
Instrument :
 BNA_G
 ClientSampleId :
 TP-CBF-B11

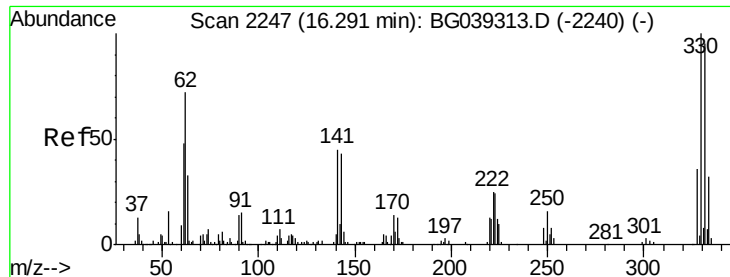
Tot Ion	82	Resp	410096
Ion Ratio	100	Lower	Upper
128	44.1	31.3	46.9
54	60.7	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BG039621.D
 Acq: 27 Feb 2019 5:18

Tgt Ion	164	Resp	141001
Ion Ratio	100	Lower	Upper
162	104.8	81.6	122.4
160	44.0	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 153.582 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039621.D

Acq: 27 Feb 2019 5:18

Instrument :

BNA_G

ClientSampleId :

TP-CBF-B11

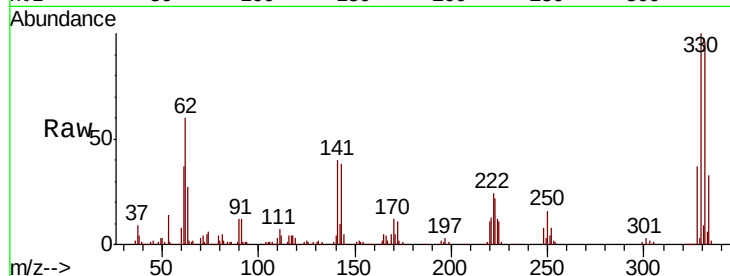
Tot Ion:330 Resp: 233190

Ion Ratio Lower Upper

330 100

332 96.4 75.7 113.5

141 41.9 35.6 53.4

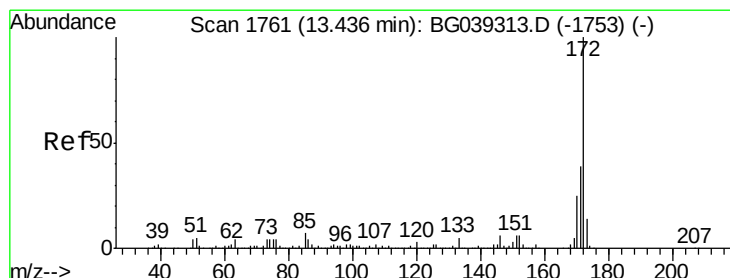
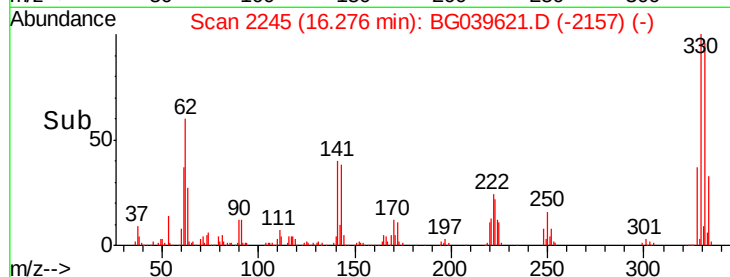
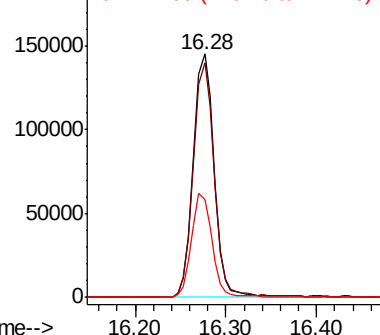


Abundance

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: 96.844 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039621.D

Acq: 27 Feb 2019 5:18

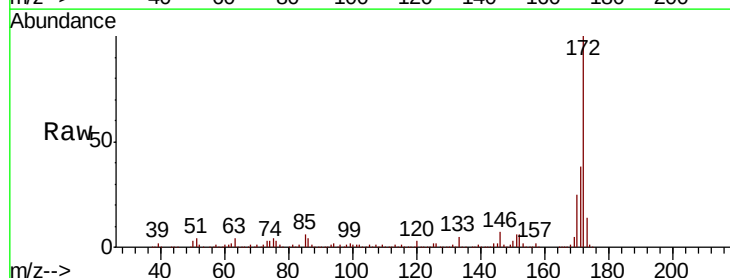
Tgt Ion:172 Resp: 951872

Ion Ratio Lower Upper

172 100

171 38.0 30.8 46.2

170 24.7 20.2 30.4

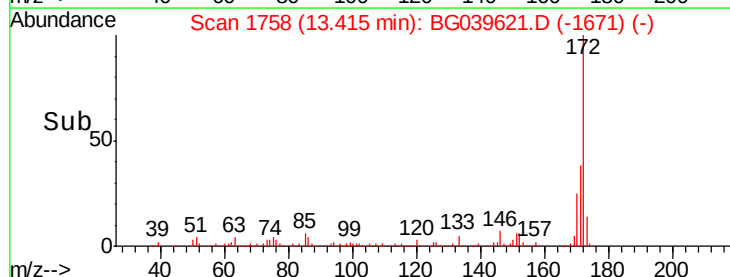
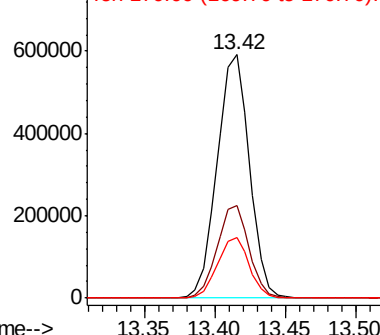


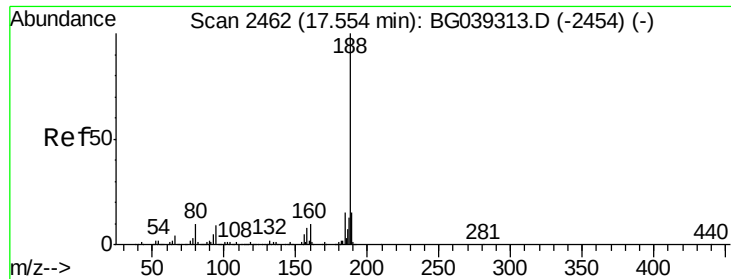
Abundance

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: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039621.D

Acq: 27 Feb 2019 5:18

Instrument :

BNA_G

ClientSampleId :

TP-CBF-B11

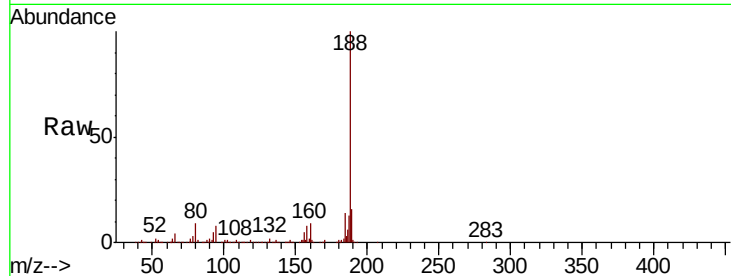
Tot Ion:188 Resp: 339764

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

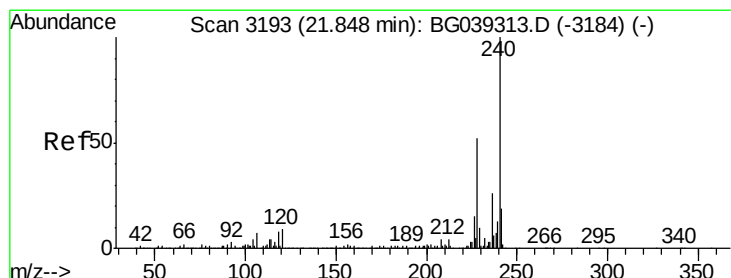
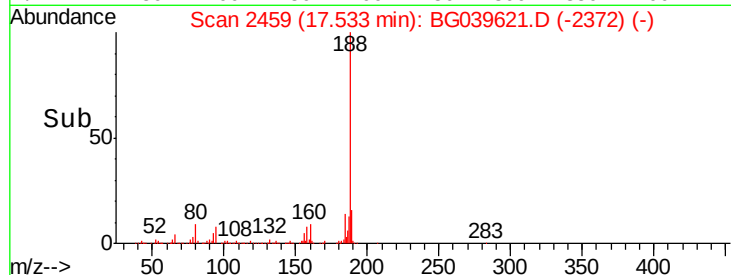
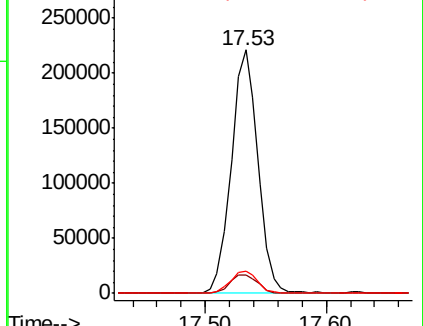
80 9.1 8.1 12.1



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: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039621.D

Acq: 27 Feb 2019 5:18

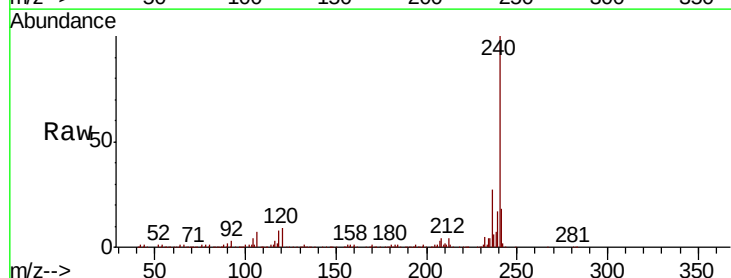
Tgt Ion:240 Resp: 377579

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

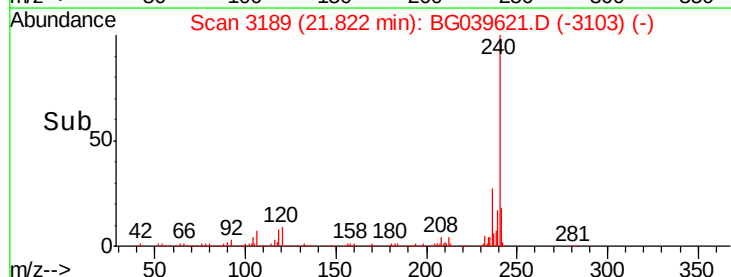
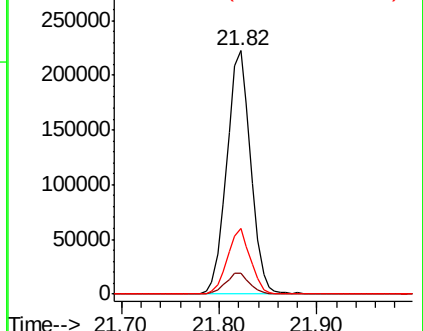
236 27.0 21.0 31.4

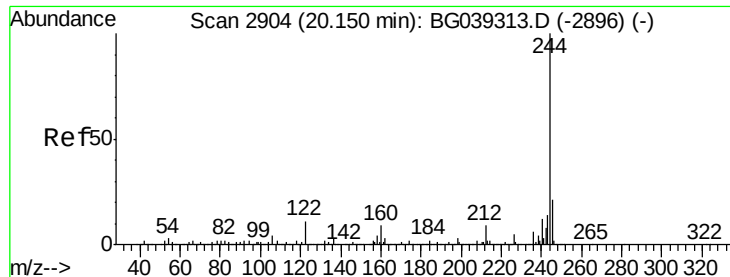


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.174 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039621.D

Acq: 27 Feb 2019 5:18

Instrument :

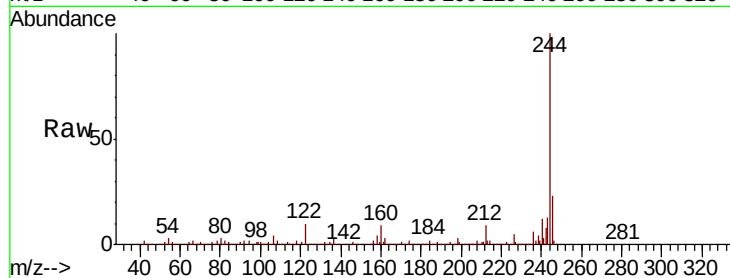
BNA_G

ClientSampled :

TP-CBF-B11

Tot Ion:244 Resp: 1537182

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	10.4	8.4	12.6

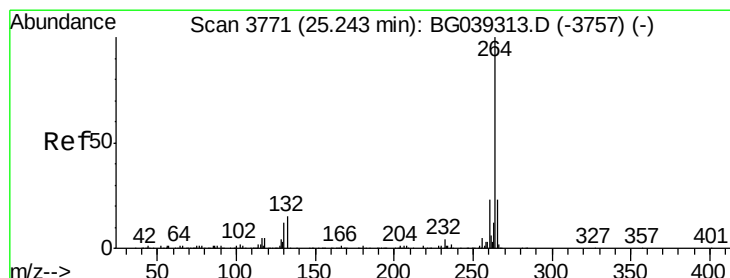
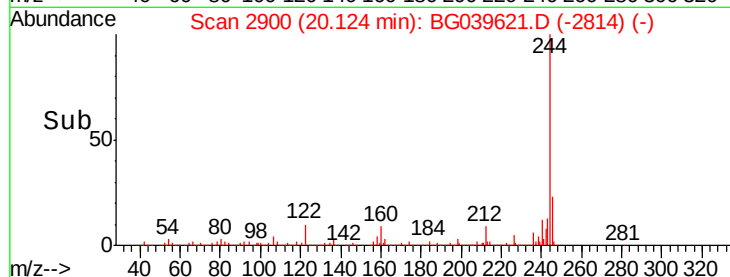
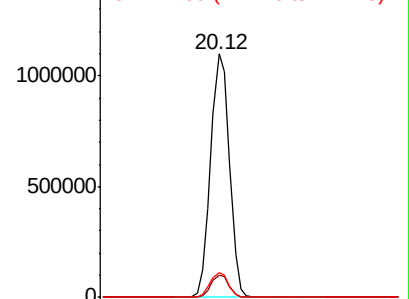


Abundance

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: 25.19 min Scan# 3763

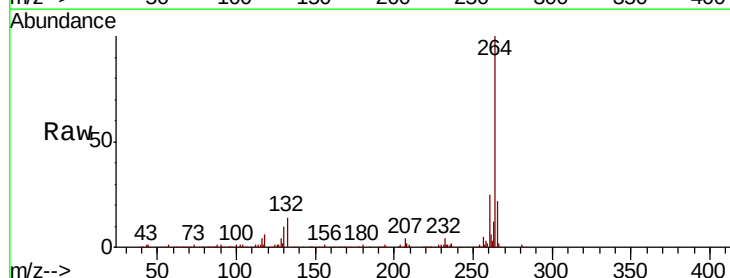
Delta R.T. -0.05 min

Lab File: BG039621.D

Acq: 27 Feb 2019 5:18

Tgt Ion:264 Resp: 373024

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	21.5	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

