

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039710.D
 Acq On : 2 Mar 2019 6:09
 Operator : JU/SJ
 Sample : K1675-26
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z-3-12-A

Quant Time: Mar 03 23:54:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	58012	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	250661	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	155334	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	363468	20.00	ng	0.00
76) Chrysene-d12	21.82	240	392203	20.00	ng	0.00
87) Perylene-d12	25.20	264	372570	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	447965	132.16	ng	0.00
7) Phenol-d6	7.31	99	564423	113.13	ng	0.00
23) Nitrobenzene-d5	9.34	82	431297	107.49	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	222771	133.18	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	946812	87.44	ng	0.00
79) Terphenyl-d14	20.12	244	1489169	80.37	ng	0.00

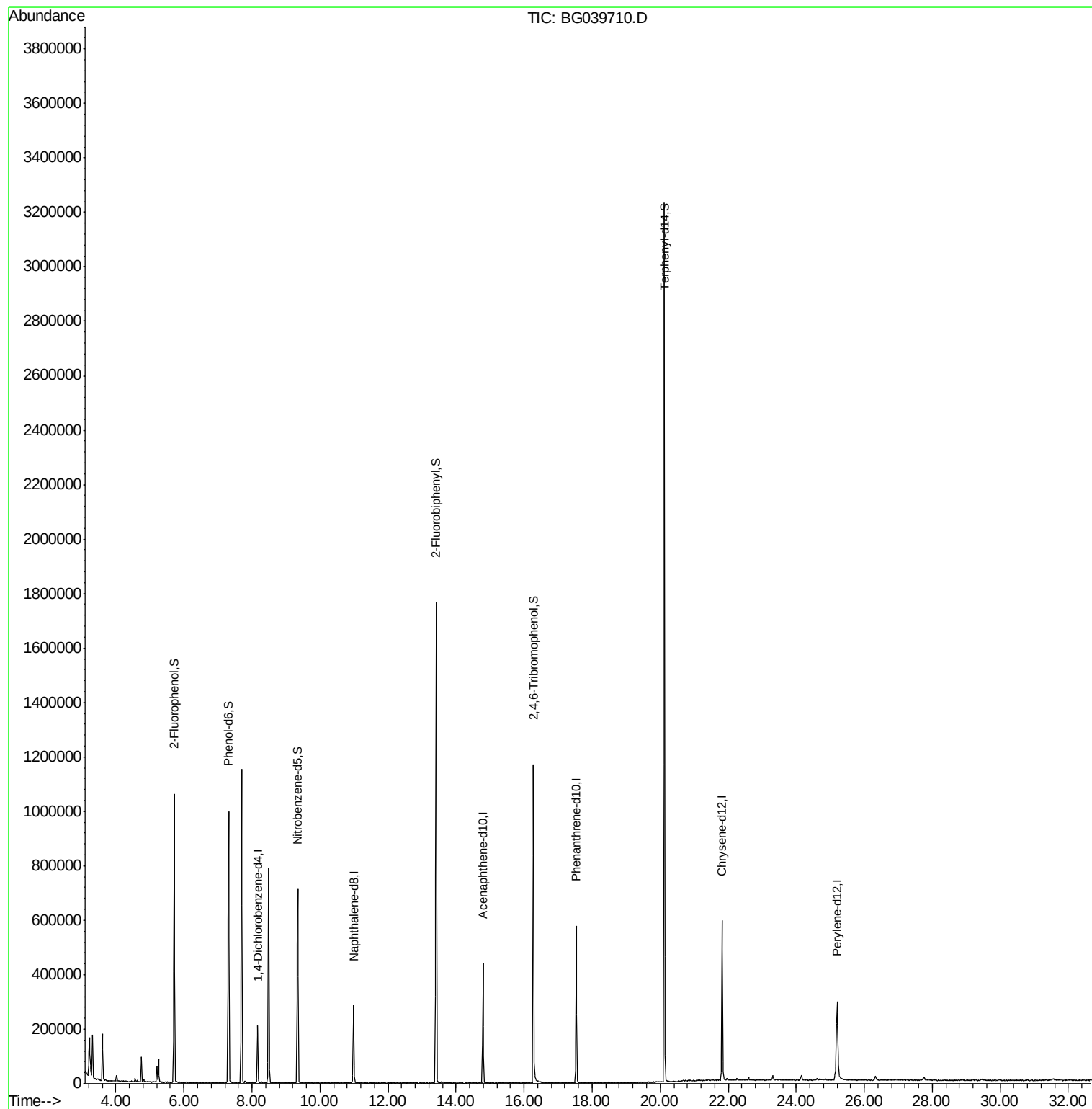
Target Compounds Qvalue

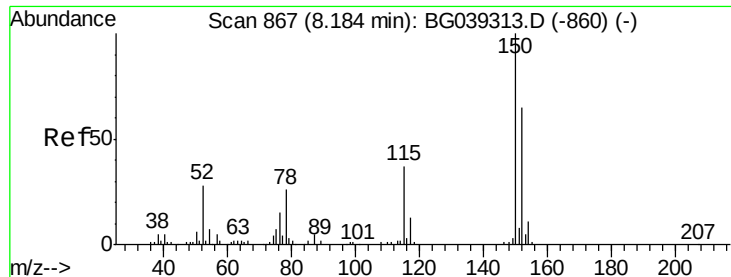
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039710.D
Acq On : 2 Mar 2019 6:09
Operator : JU/SJ
Sample : K1675-26
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
Z-3-12-A

Quant Time: Mar 03 23:54:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.01 min

Lab File: BG039710.D

Acq: 2 Mar 2019 6:09

Instrument :

BNA_G

ClientSampleId :

Z-3-12-A

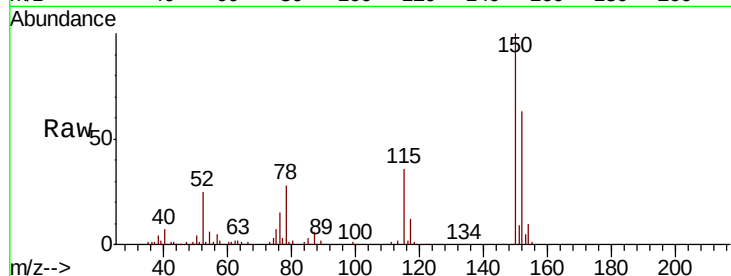
Tot Ion:152 Resp: 58012

Ion Ratio Lower Upper

152 100

150 158.9 123.7 185.5

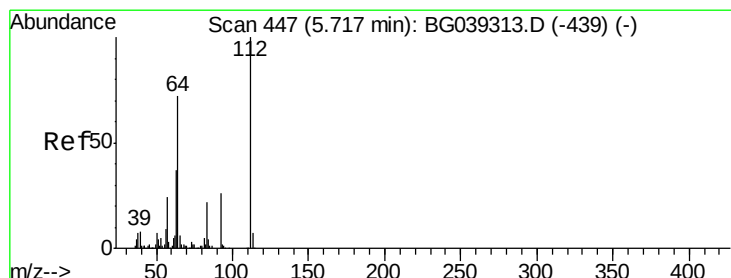
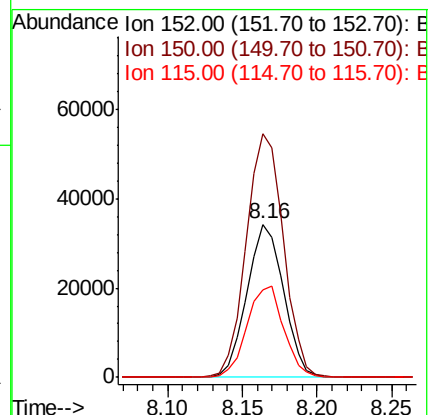
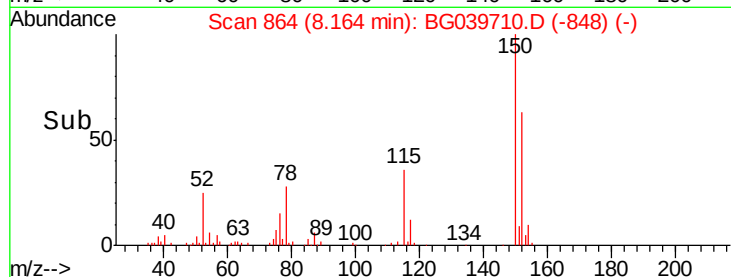
115 57.2 45.9 68.9



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: 132.162 ng

RT: 5.71 min Scan# 447

Delta R.T. 0.01 min

Lab File: BG039710.D

Acq: 2 Mar 2019 6:09

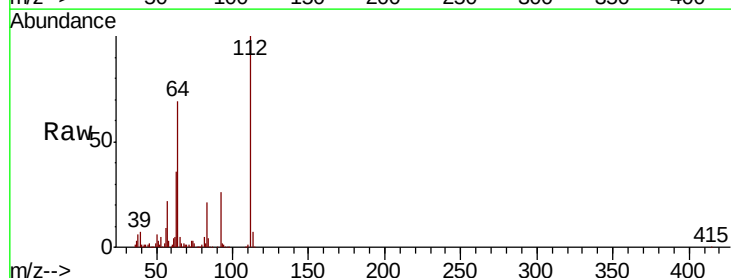
Tgt Ion:112 Resp: 447965

Ion Ratio Lower Upper

112 100

64 68.6 57.8 86.8

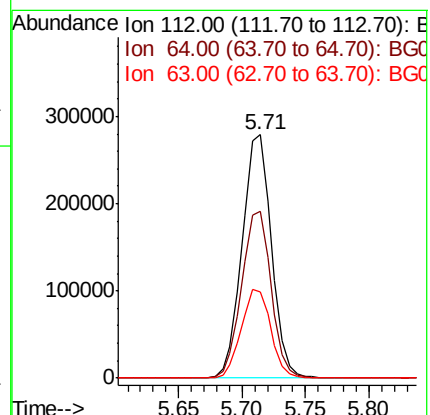
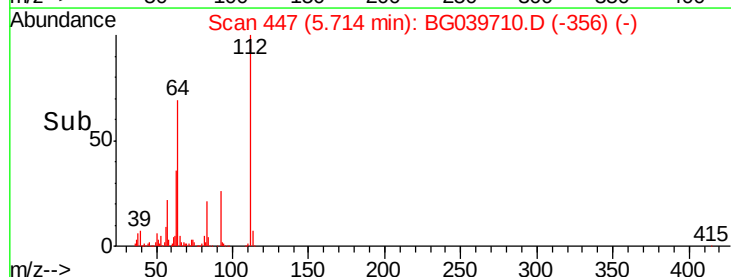
63 35.6 29.8 44.6

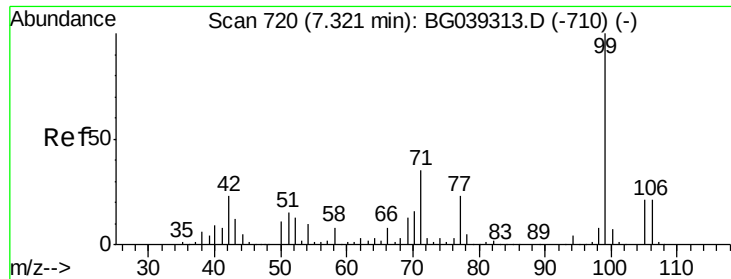


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 113.127 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG039710.D

Acq: 2 Mar 2019 6:09

Instrument :

BNA_G

ClientSampleId :

Z-3-12-A

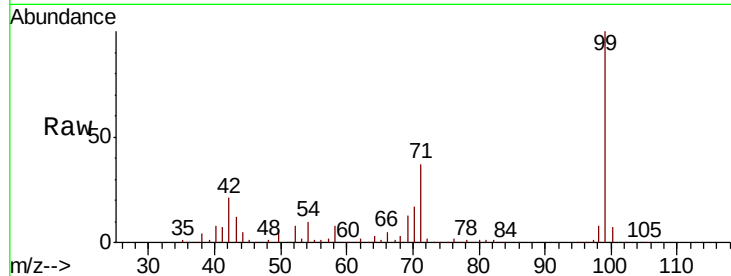
Tot Ion: 99 Resp: 564423

Ion Ratio Lower Upper

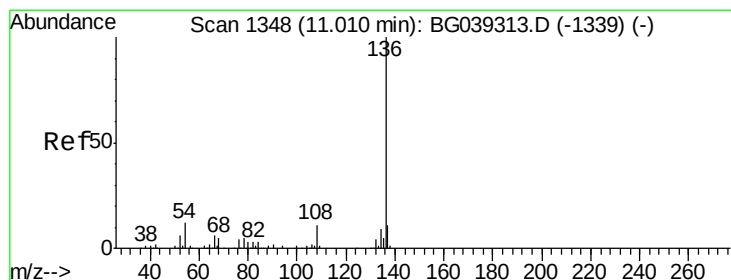
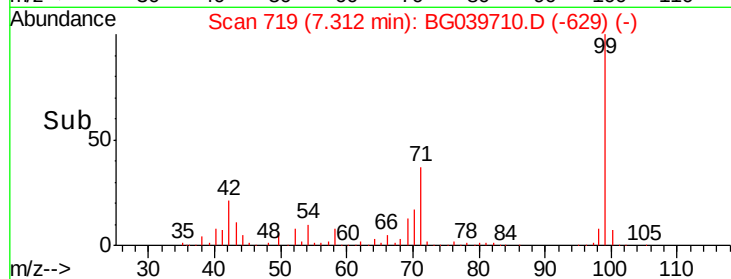
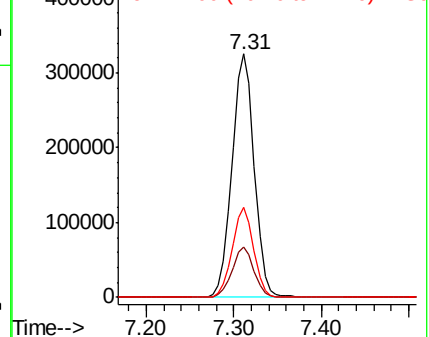
99 100

42 20.7 18.2 27.2

71 36.7 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. -0.00 min

Lab File: BG039710.D

Acq: 2 Mar 2019 6:09

Tgt Ion: 136 Resp: 250661

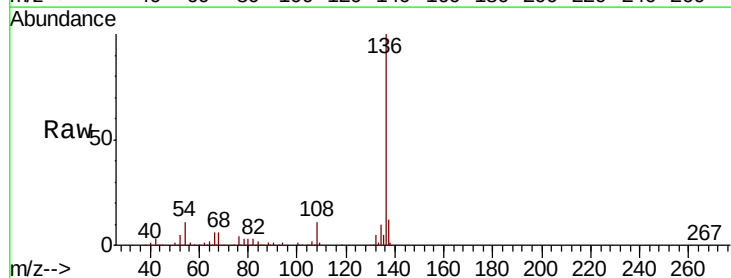
Ion Ratio Lower Upper

136 100

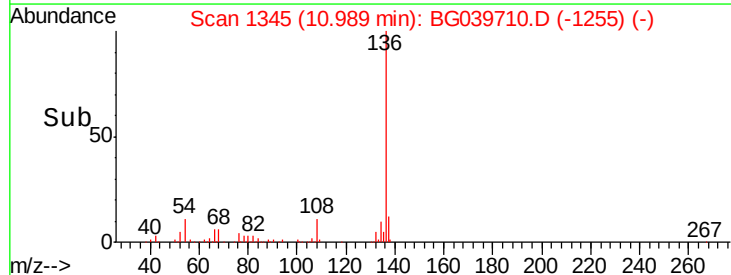
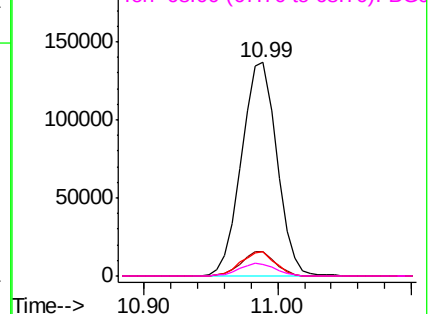
137 11.6 9.1 13.7

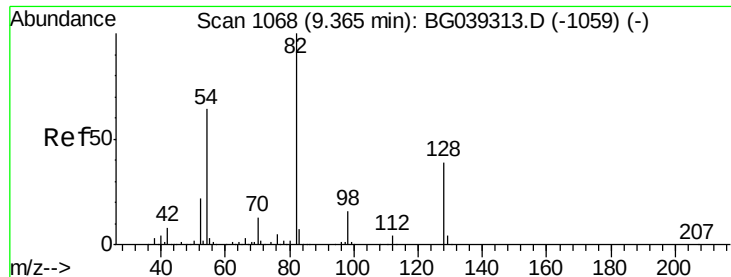
54 11.1 9.4 14.2

68 5.7 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

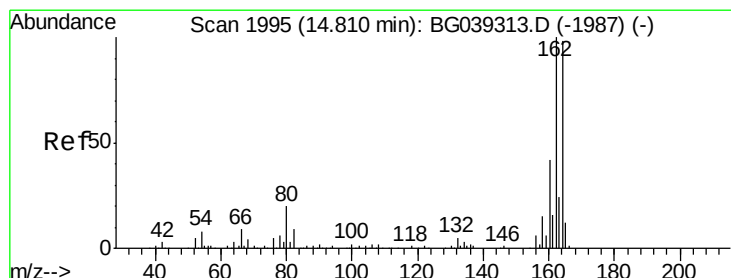
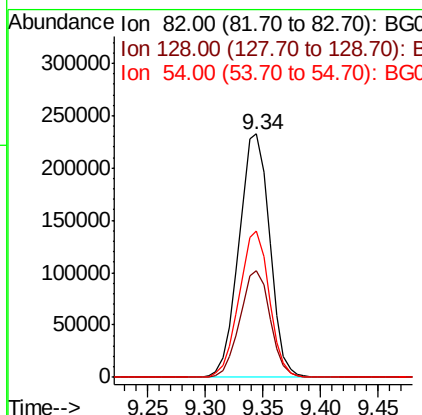
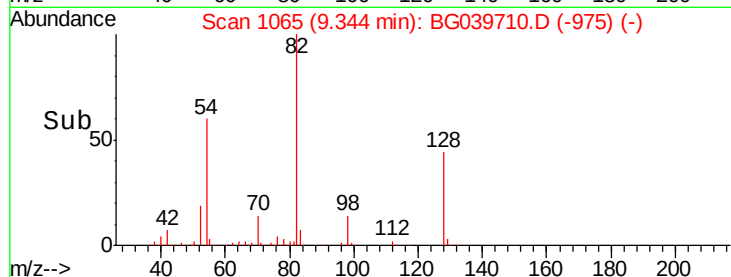
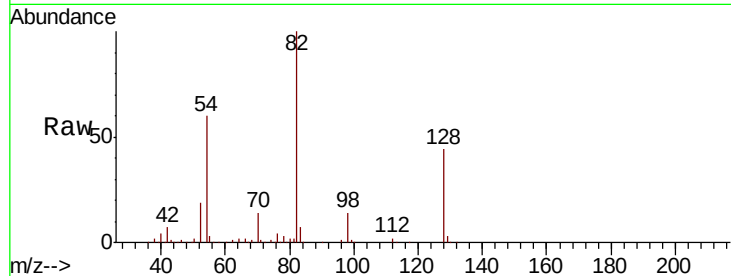




#23
Nitrobenzene-d5
Concen: 107.491 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG039710.D
Acq: 2 Mar 2019 6:09

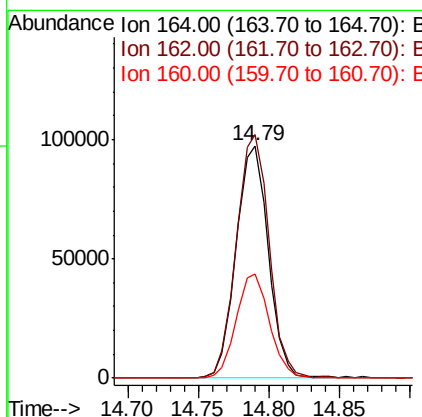
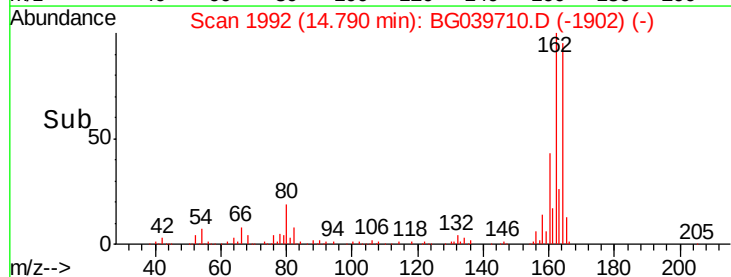
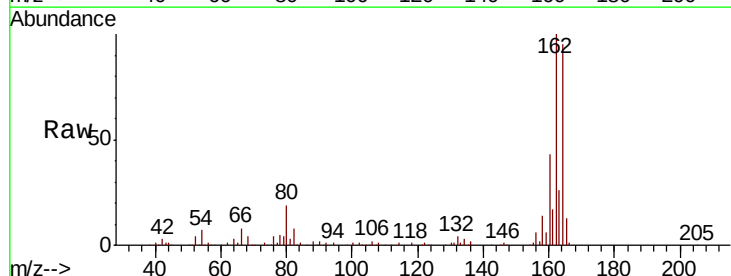
Instrument :
BNA_G
ClientSampleId :
Z-3-12-A

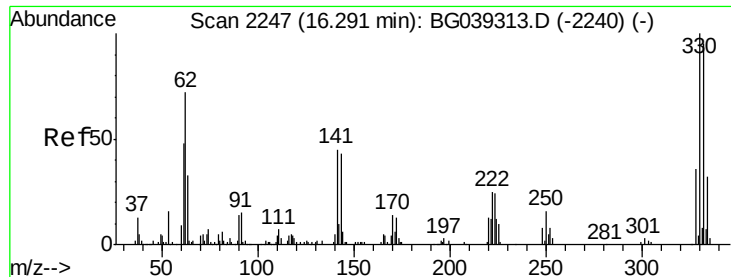
Tot Ion	82	Resp	431297
Ion Ratio	100	Lower	Upper
128	43.8	31.3	46.9
54	60.2	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG039710.D
Acq: 2 Mar 2019 6:09

Tgt Ion	164	Resp	155334
Ion Ratio	100	Lower	Upper
162	104.7	81.6	122.4
160	44.8	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 133.182 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.00 min

Lab File: BG039710.D

Acq: 2 Mar 2019 6:09

Instrument :

BNA_G

ClientSampleId :

Z-3-12-A

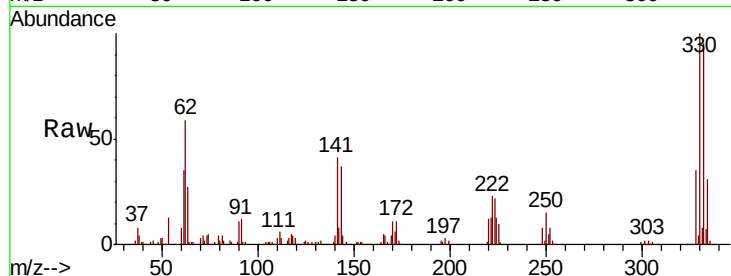
Tot Ion:330 Resp: 222771

Ion Ratio Lower Upper

330 100

332 96.0 75.7 113.5

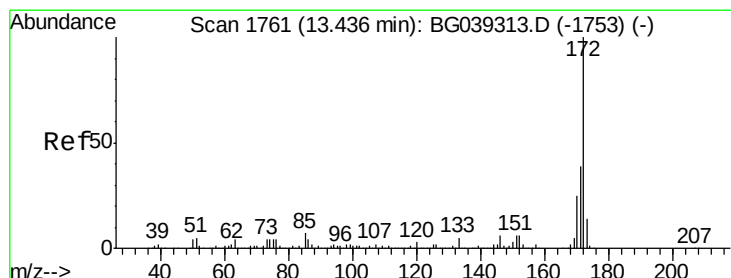
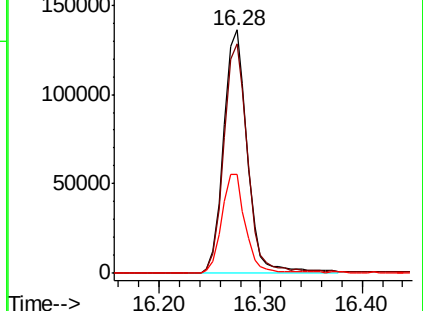
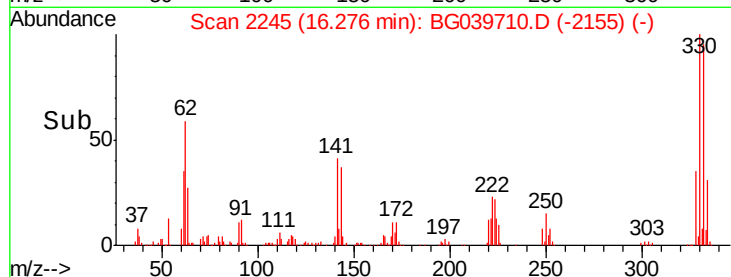
141 40.9 35.6 53.4



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: 87.441 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG039710.D

Acq: 2 Mar 2019 6:09

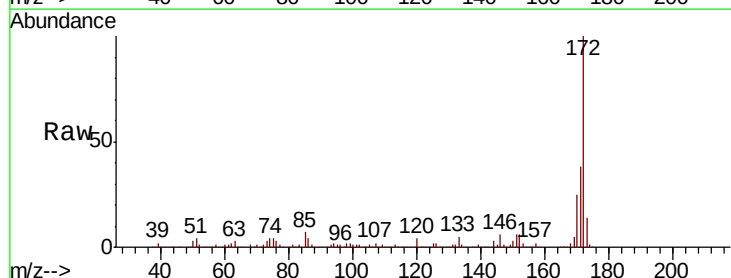
Tgt Ion:172 Resp: 946812

Ion Ratio Lower Upper

172 100

171 37.9 30.8 46.2

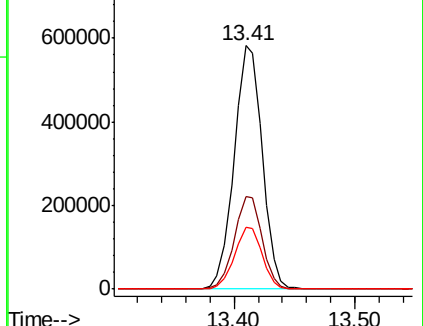
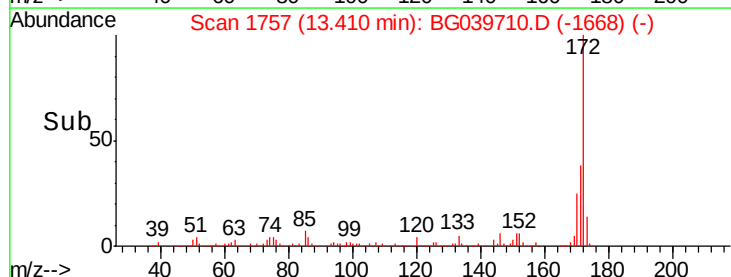
170 25.2 20.2 30.4

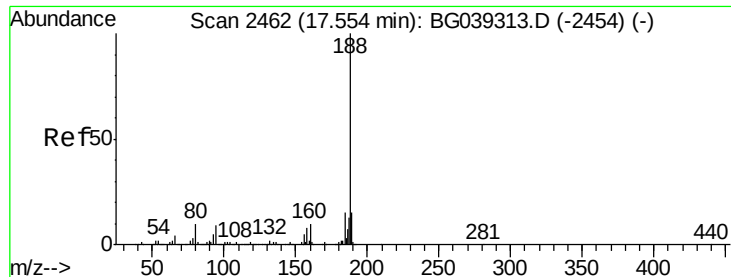


Abundance Ion 172.00 (171.70 to 172.70): E

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. -0.00 min

Lab File: BG039710.D

Acq: 2 Mar 2019 6:09

Instrument :

BNA_G

ClientSampleId :

Z-3-12-A

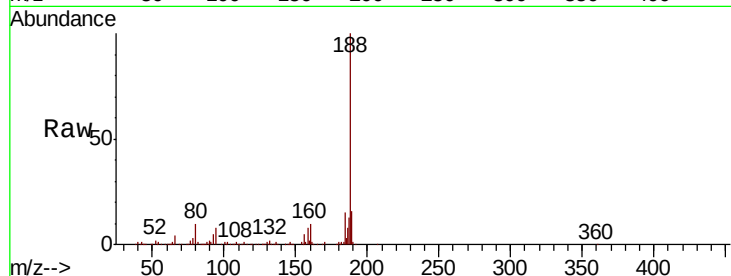
Tot Ion:188 Resp: 363468

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

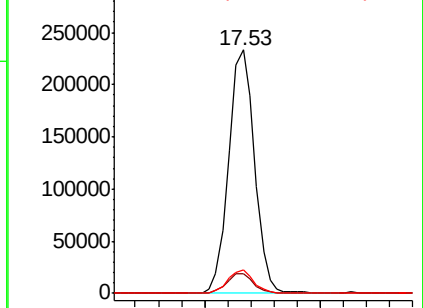
80 9.5 8.1 12.1



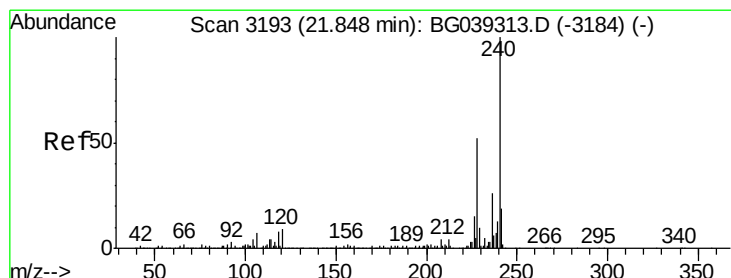
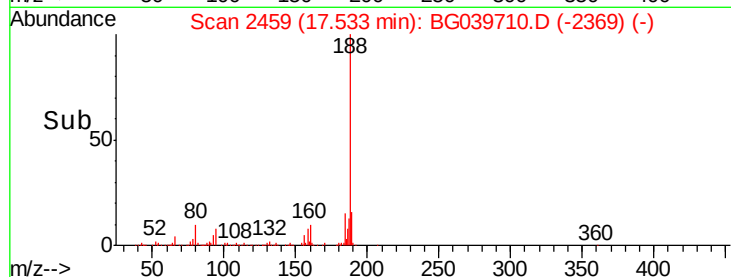
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG039710.D

Acq: 2 Mar 2019 6:09

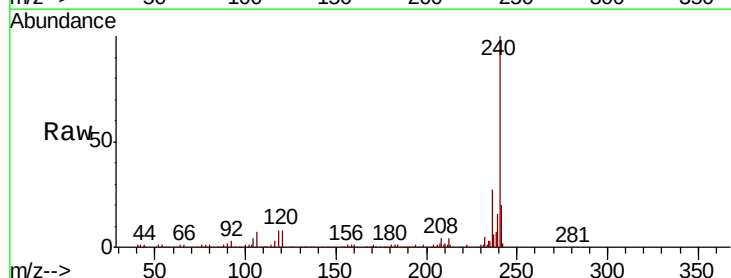
Tgt Ion:240 Resp: 392203

Ion Ratio Lower Upper

240 100

120 7.7 7.0 10.6

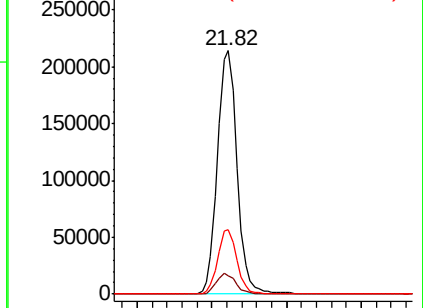
236 26.6 21.0 31.4



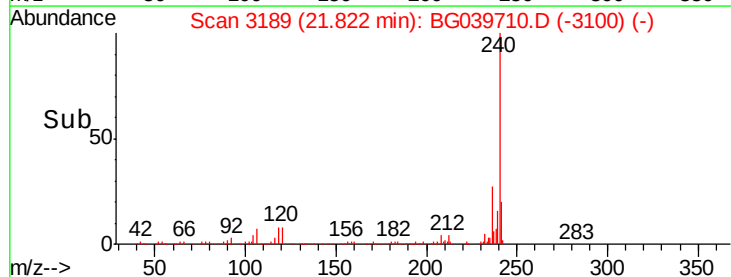
Abundance Ion 240.00 (239.70 to 240.70): E

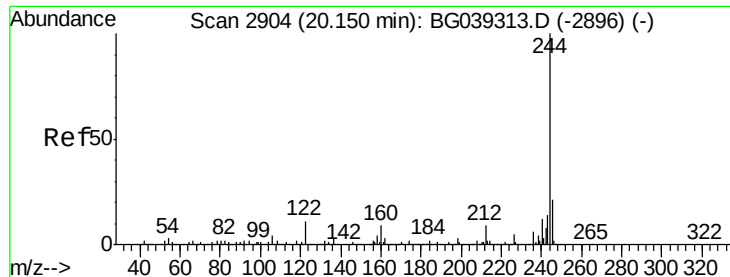
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 80.369 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039710.D

Acq: 2 Mar 2019 6:09

Instrument :

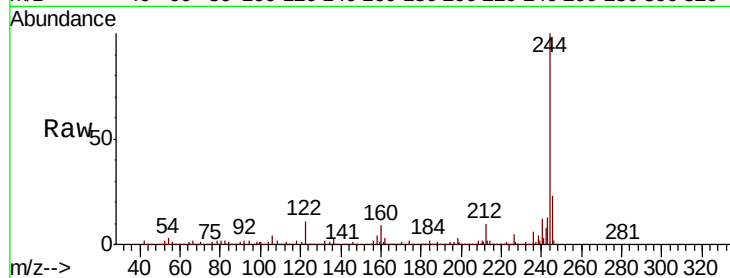
BNA_G

ClientSampled :

Z-3-12-A

Tot Ion:244 Resp: 1489169

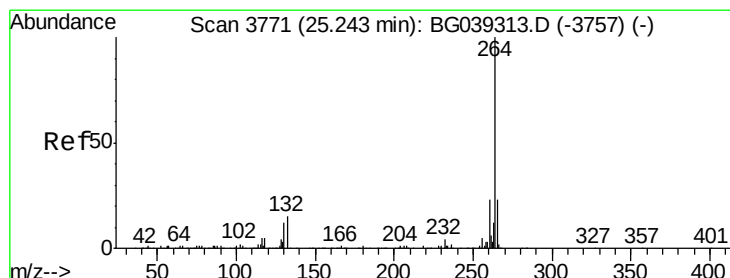
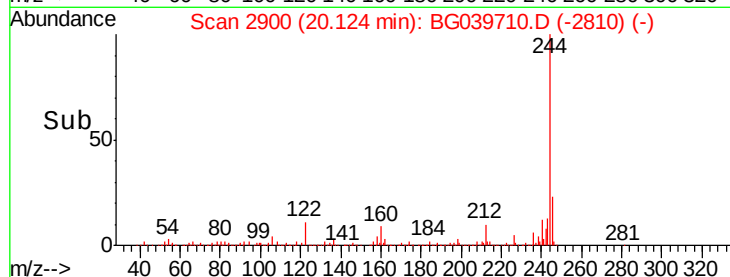
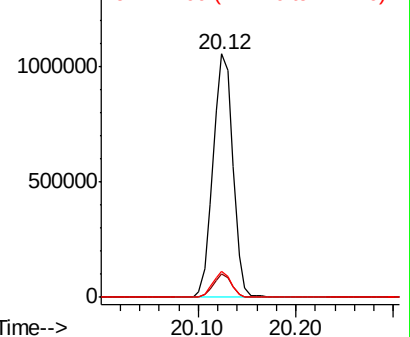
Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.3	10.9
122	10.6	8.4	12.6



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# 3764

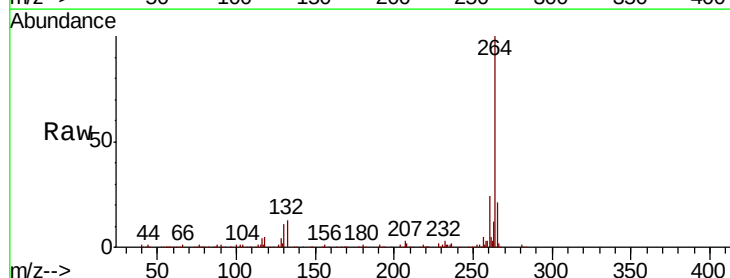
Delta R.T. -0.00 min

Lab File: BG039710.D

Acq: 2 Mar 2019 6:09

Tgt Ion:264 Resp: 372570

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	21.0	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

