

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039716.D
 Acq On : 2 Mar 2019 10:04
 Operator : JU/SJ
 Sample : K1675-28
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Mar 04 00:03:39 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	51932	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	221565	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	139744	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	333790	20.00	ng	0.00
76) Chrysene-d12	21.82	240	353285	20.00	ng	0.00
87) Perylene-d12	25.20	264	339868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	391648	129.07	ng	0.00
7) Phenol-d6	7.31	99	495548	110.95	ng	0.00
23) Nitrobenzene-d5	9.34	82	382516	107.85	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	197561	131.29	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	872038	89.52	ng	0.00
79) Terphenyl-d14	20.12	244	1403017	84.06	ng	0.00

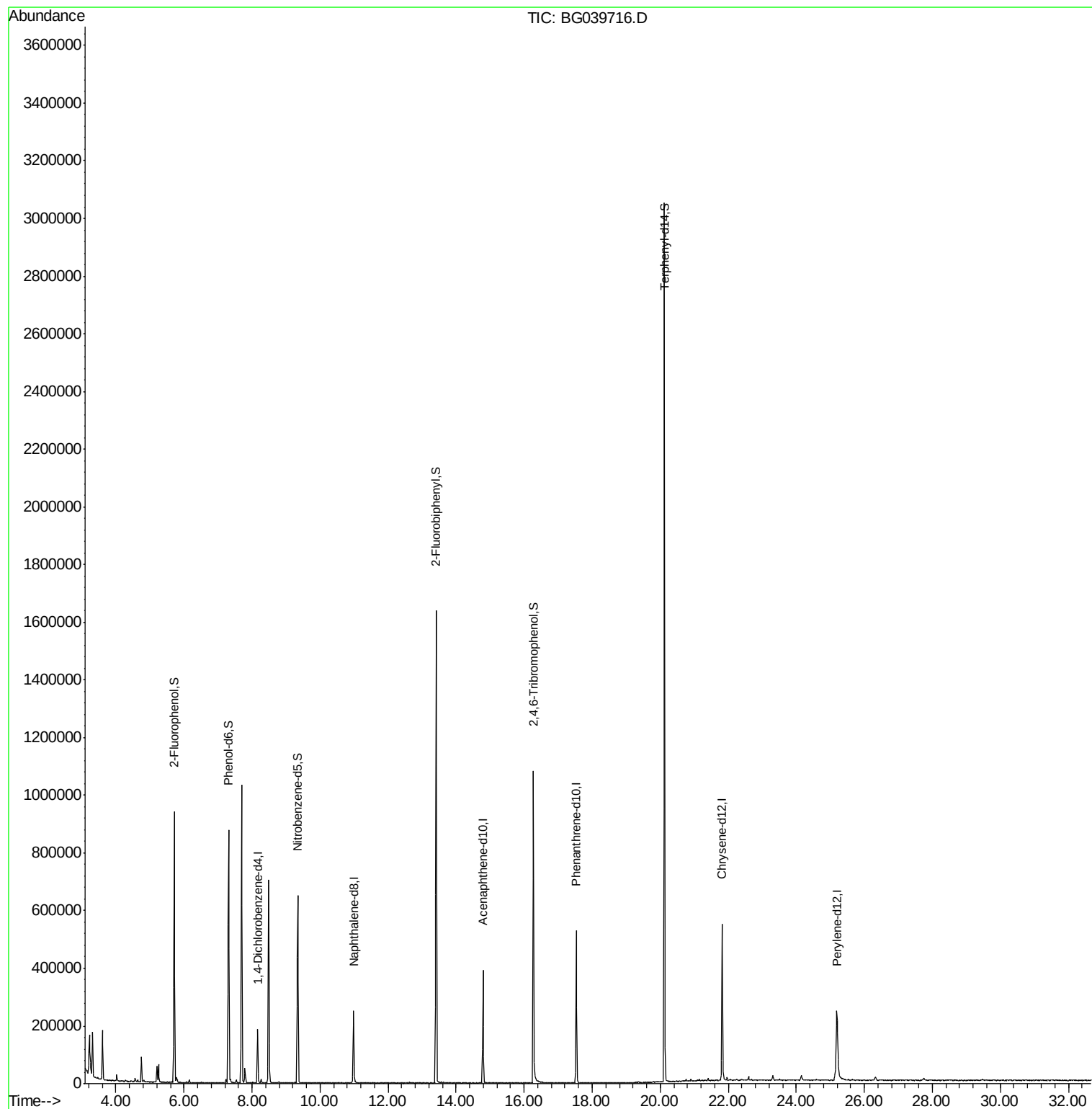
Target Compounds Qvalue

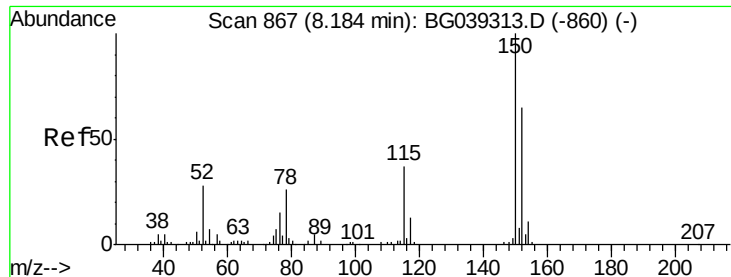
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039716.D
Acq On : 2 Mar 2019 10:04
Operator : JU/SJ
Sample : K1675-28
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Mar 04 00:03:39 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



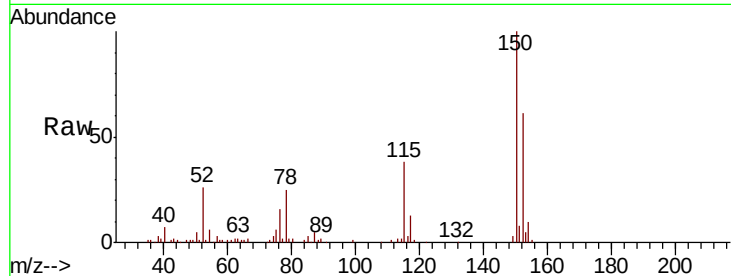


#1

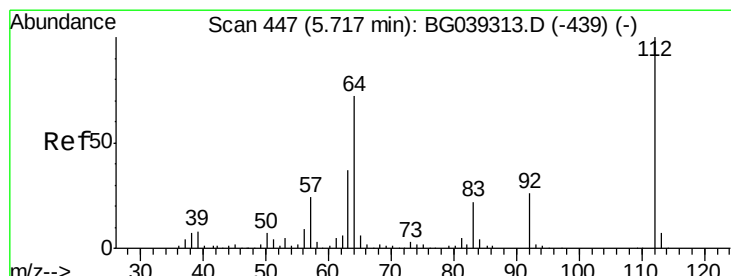
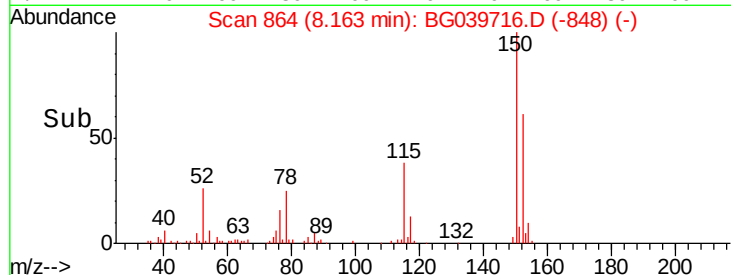
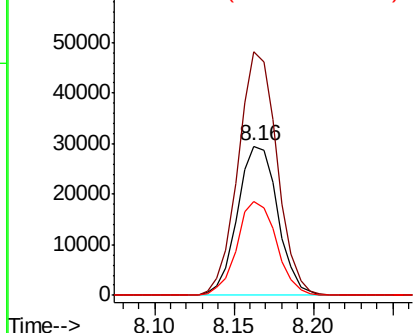
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039716.D
Acq: 2 Mar 2019 10:04

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

Tot Ion:152 Resp: 51932
Ion Ratio Lower Upper
152 100
150 163.4 123.7 185.5
115 62.6 45.9 68.9



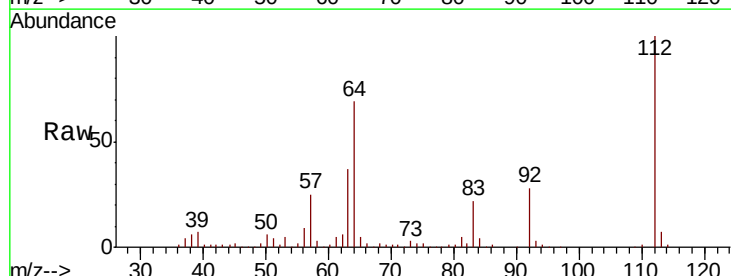
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



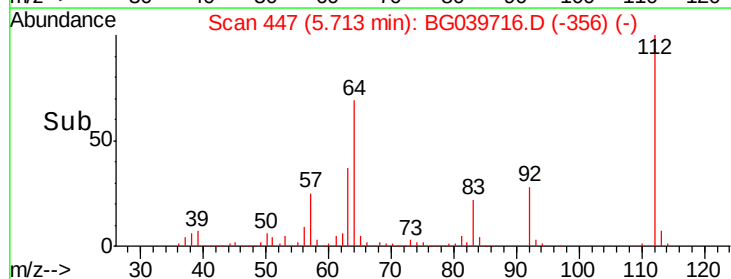
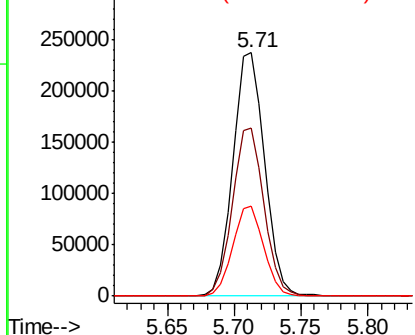
#5

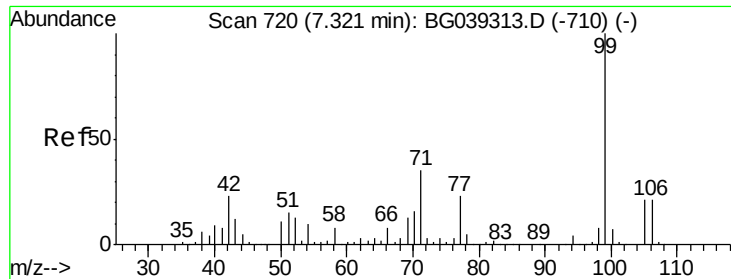
2-Fluorophenol
Concen: 129.074 ng
RT: 5.71 min Scan# 447
Delta R.T. 0.00 min
Lab File: BG039716.D
Acq: 2 Mar 2019 10:04

Tgt Ion:112 Resp: 391648
Ion Ratio Lower Upper
112 100
64 69.1 57.8 86.8
63 37.1 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: 110.951 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG039716.D

Acq: 2 Mar 2019 10:04

Instrument :

BNA_G

ClientSampleId :

Z-3-12-B

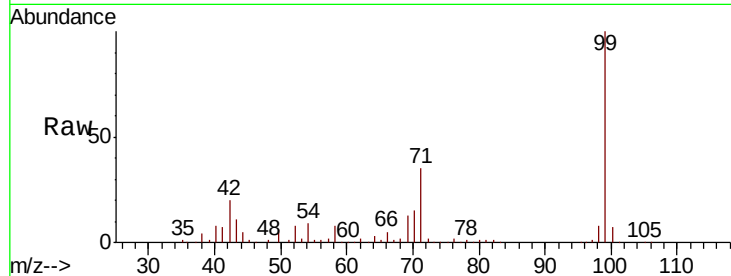
Tot Ion: 99 Resp: 495548

Ion Ratio Lower Upper

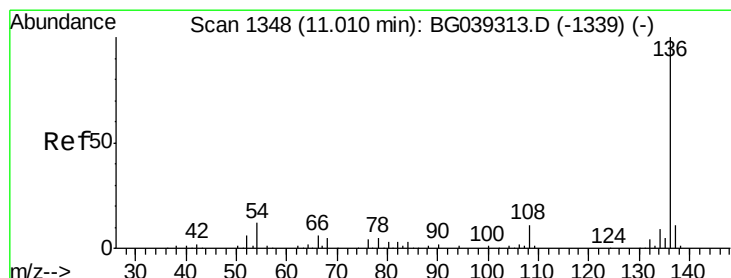
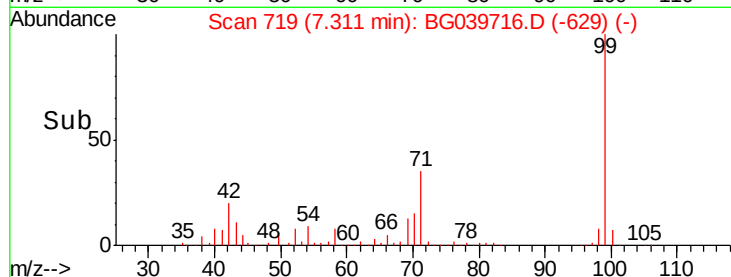
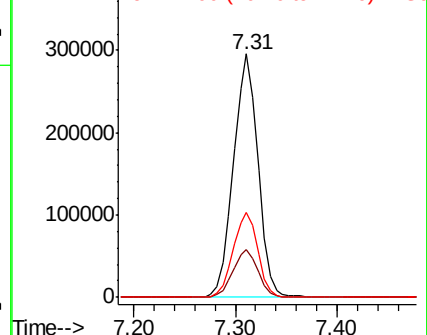
99 100

42 19.7 18.2 27.2

71 34.7 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: BG039716.D

Acq: 2 Mar 2019 10:04

Tgt Ion: 136 Resp: 221565

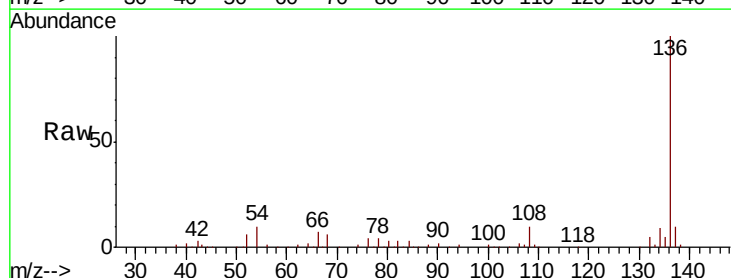
Ion Ratio Lower Upper

136 100

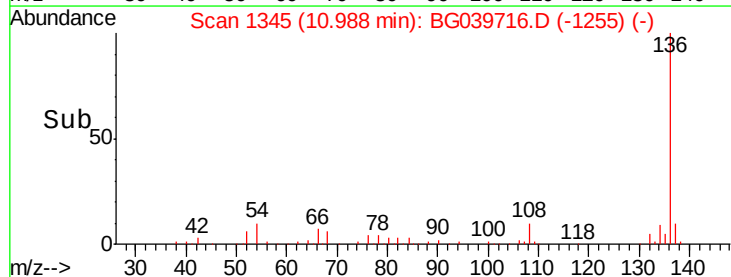
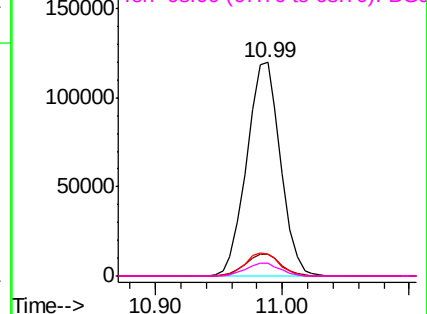
137 10.5 9.1 13.7

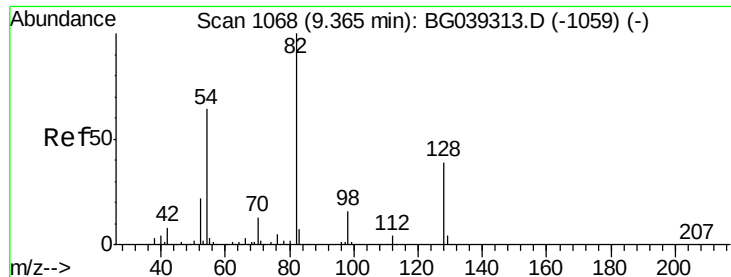
54 10.4 9.4 14.2

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

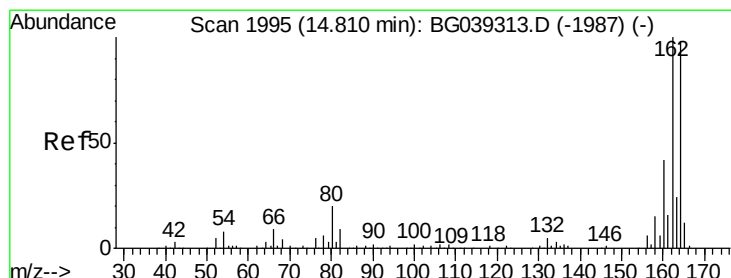
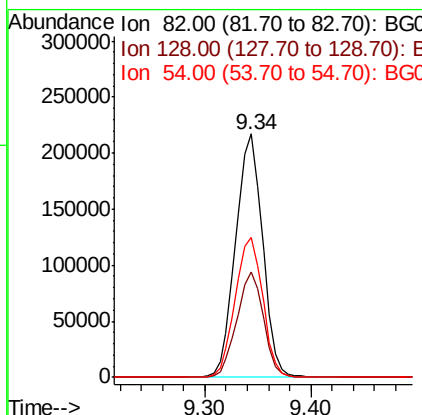
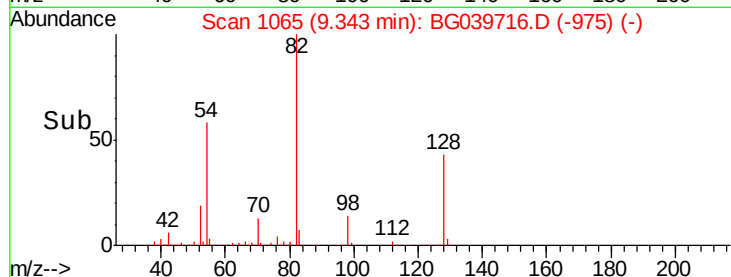
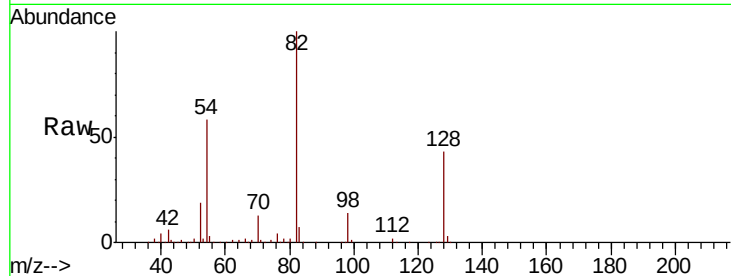




#23
Nitrobenzene-d5
Concen: 107.853 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG039716.D
Acq: 2 Mar 2019 10:04

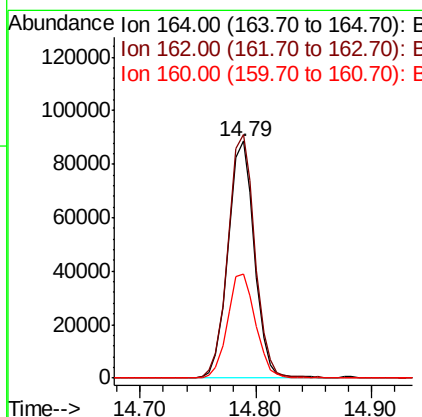
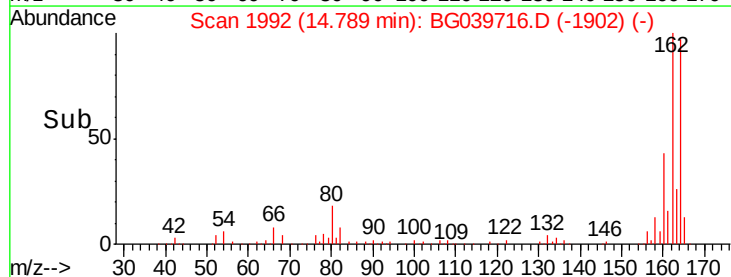
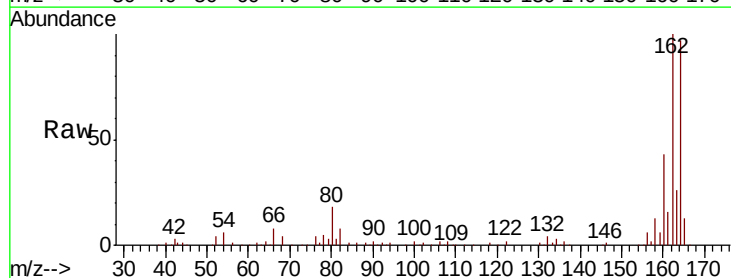
Instrument :
BNA_G
ClientSampleId :
Z-3-12-B

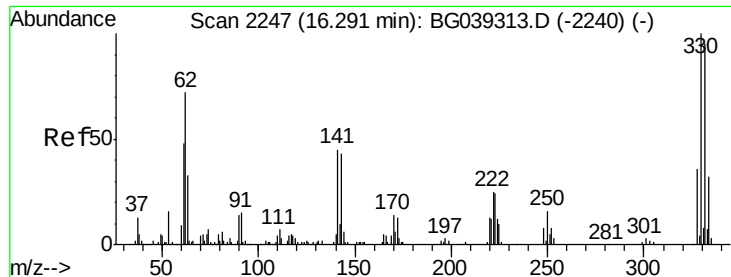
Tot Ion	82	Resp	382516
Ion Ratio	100	Lower	Upper
128	43.3	31.3	46.9
54	57.7	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG039716.D
Acq: 2 Mar 2019 10:04

Tgt Ion	164	Resp	139744
Ion Ratio	100	Lower	Upper
162	102.7	81.6	122.4
160	43.8	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 131.287 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.00 min

Lab File: BG039716.D

Acq: 2 Mar 2019 10:04

Instrument :

BNA_G

ClientSampled :

Z-3-12-B

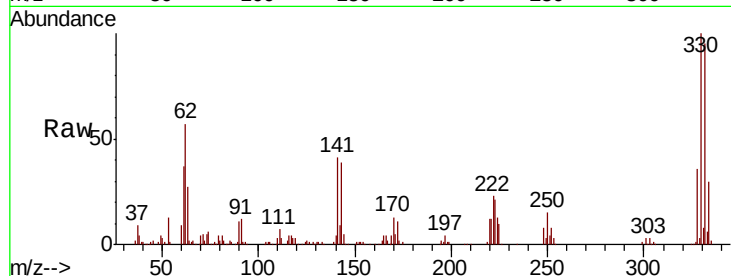
Tot Ion:330 Resp: 197561

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

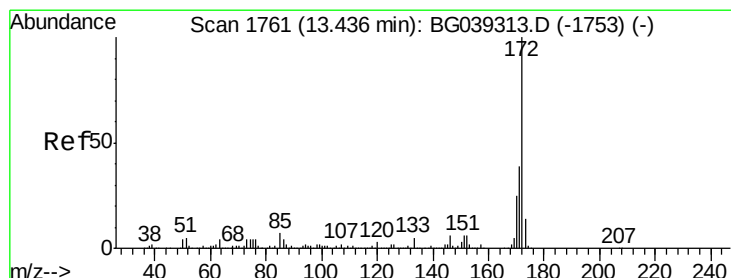
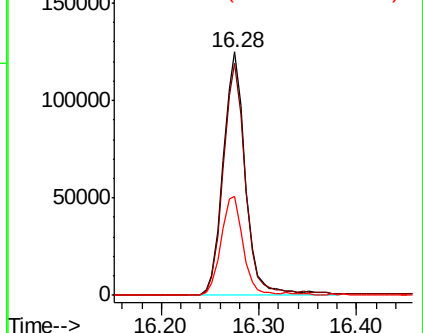
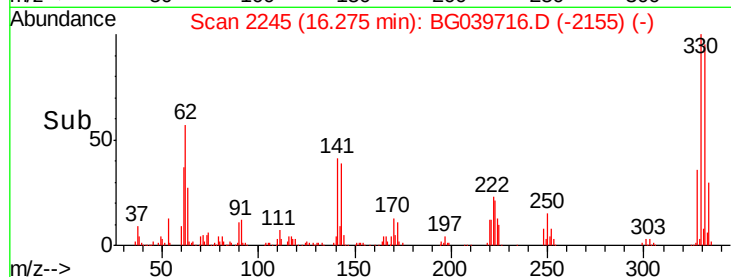
141 40.3 35.6 53.4



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: 89.520 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG039716.D

Acq: 2 Mar 2019 10:04

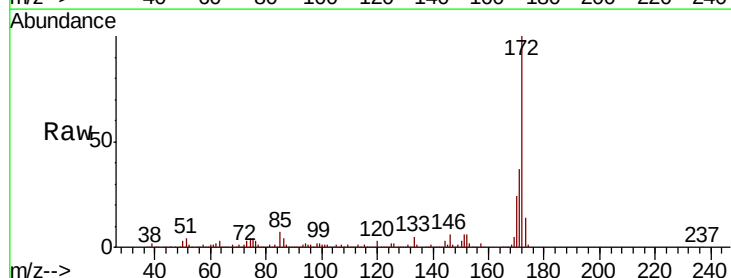
Tgt Ion:172 Resp: 872038

Ion Ratio Lower Upper

172 100

171 36.8 30.8 46.2

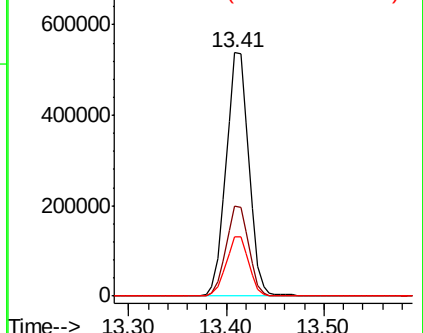
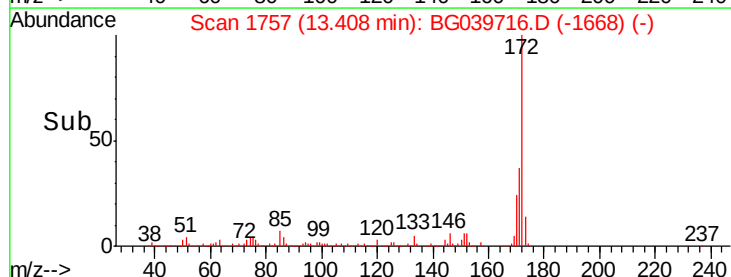
170 24.5 20.2 30.4

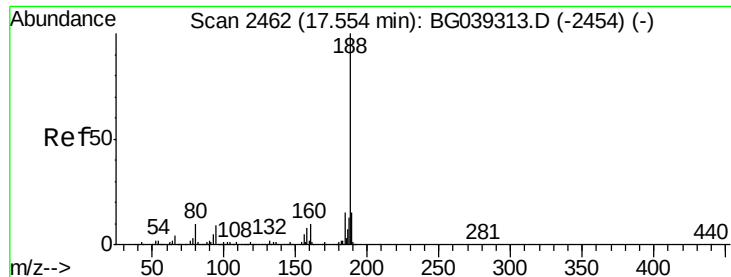


Abundance Ion 172.00 (171.70 to 172.70): E

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. -0.00 min

Lab File: BG039716.D

Acq: 2 Mar 2019 10:04

Instrument :

BNA_G

ClientSampleId :

Z-3-12-B

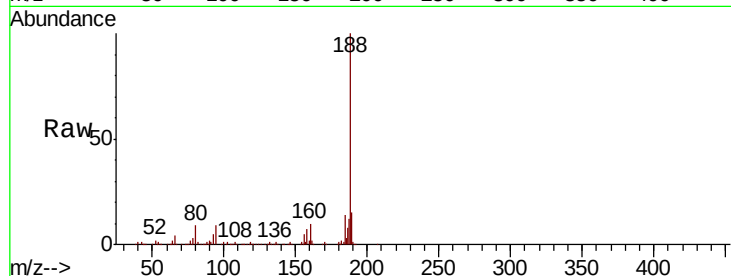
Tot Ion:188 Resp: 333790

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

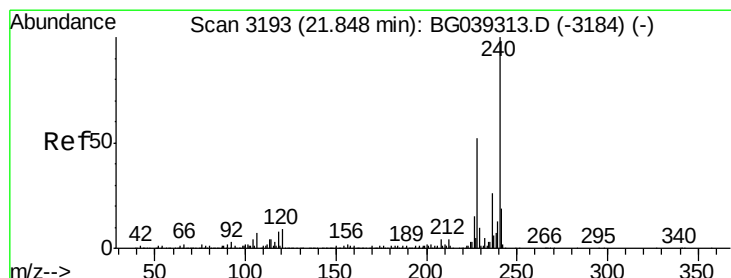
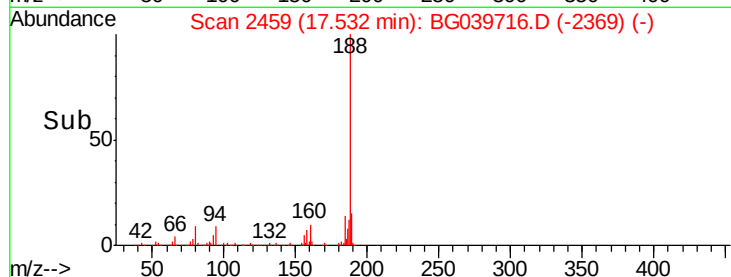
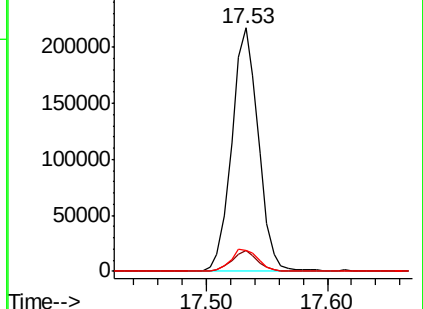
80 8.8 8.1 12.1



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: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG039716.D

Acq: 2 Mar 2019 10:04

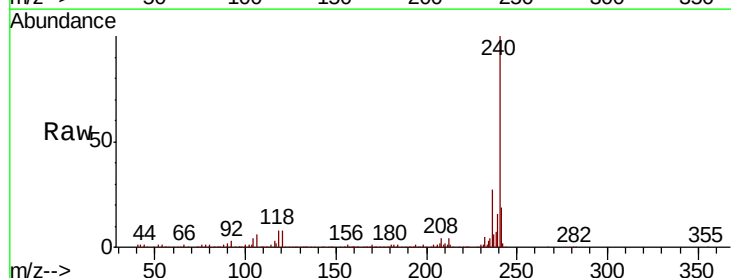
Tgt Ion:240 Resp: 353285

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

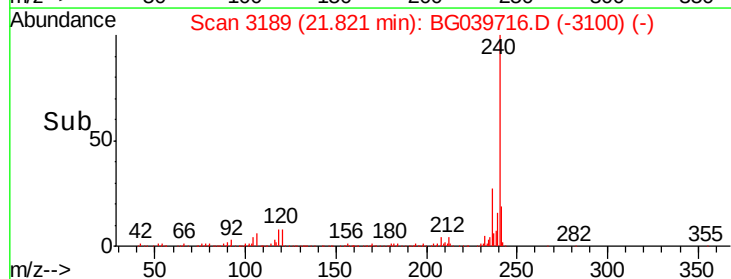
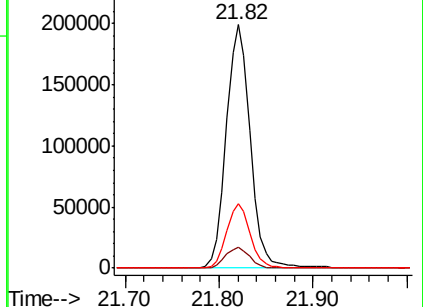
236 26.6 21.0 31.4

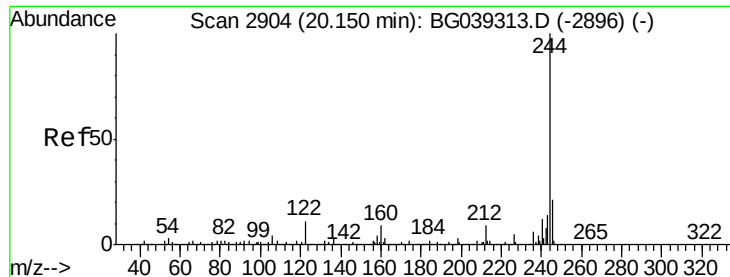


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.061 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039716.D

Acq: 2 Mar 2019 10:04

Instrument :

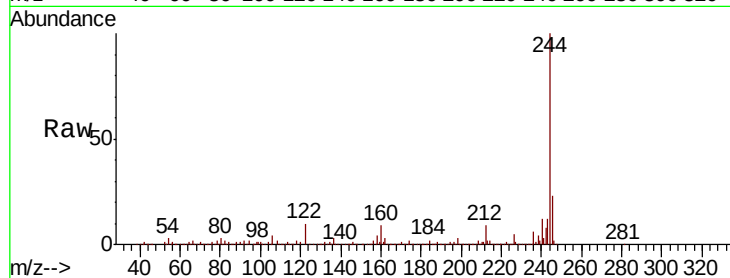
BNA_G

ClientSampled :

Z-3-12-B

Tot Ion:244 Resp: 1403017

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	10.2	8.4	12.6

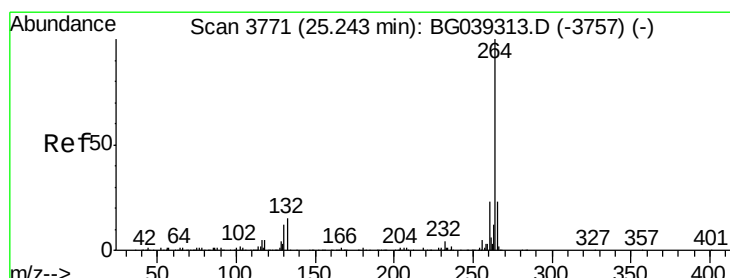
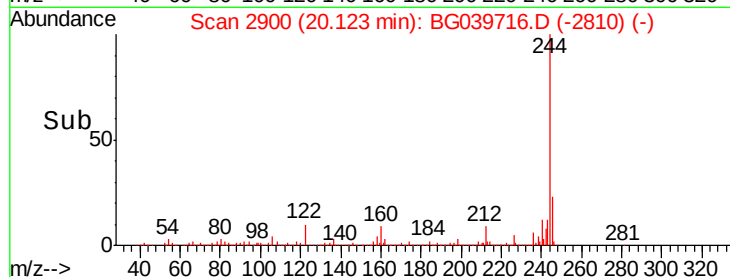


Abundance

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# 3764

Delta R.T. -0.00 min

Lab File: BG039716.D

Acq: 2 Mar 2019 10:04

Tgt Ion:264 Resp: 339868

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	19.0	18.5	27.7

