

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039721.D
 Acq On : 2 Mar 2019 13:20
 Operator : JU/SJ
 Sample : K1675-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z-3-1-A

Quant Time: Mar 04 00:09:57 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	8.17	152	50723	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	217603	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	137685	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	320791	20.00	ng	0.00
76) Chrysene-d12	21.82	240	339629	20.00	ng	0.00
87) Perylene-d12	25.20	264	314846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	419490	141.55	ng	0.00
7) Phenol-d6	7.31	99	540025	123.79	ng	0.00
23) Nitrobenzene-d5	9.34	82	390737	112.18	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	179026	120.75	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	901406	93.92	ng	0.00
79) Terphenyl-d14	20.13	244	1374116	85.64	ng	0.00

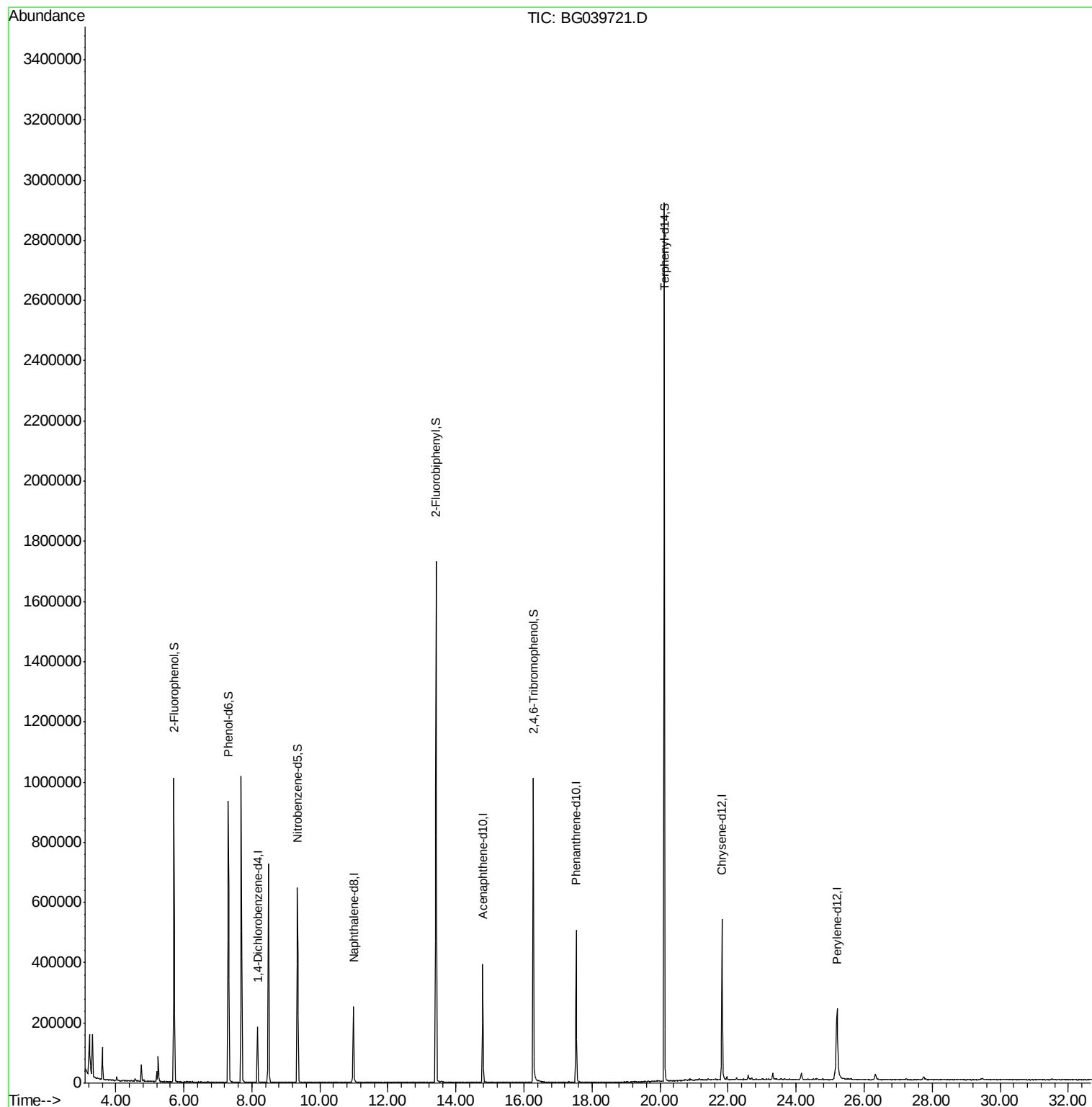
Target Compounds Qvalue

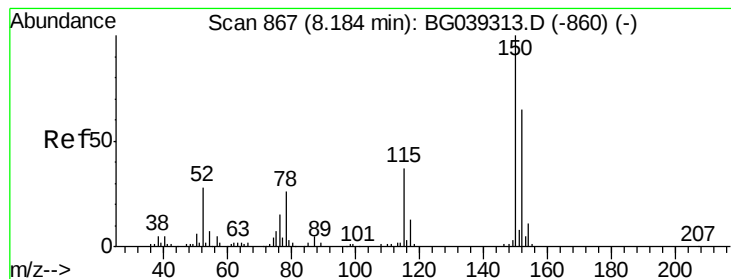
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039721.D
Acq On : 2 Mar 2019 13:20
Operator : JU/SJ
Sample : K1675-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
Z-3-1-A

Quant Time: Mar 04 00:09:57 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



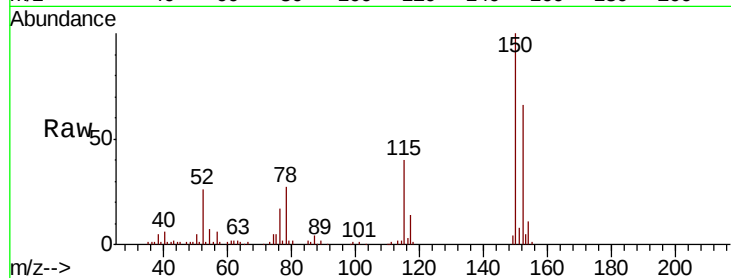


#1

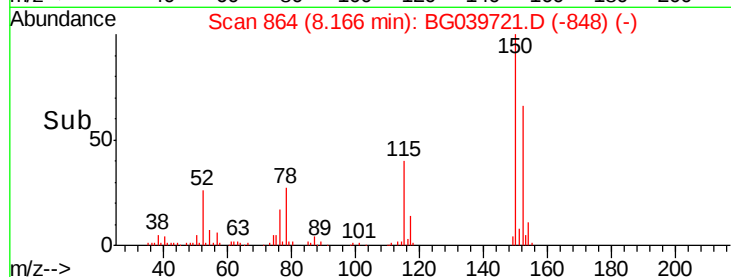
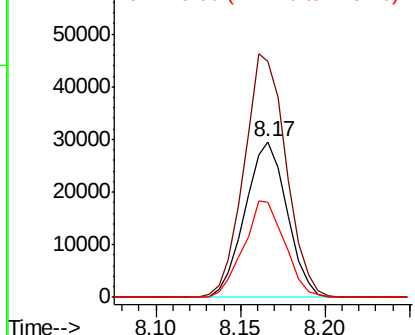
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG039721.D
Acq: 2 Mar 2019 13:20

Instrument :
BNA_G
ClientSampleId :
Z-3-1-A

Tot Ion:152 Resp: 50723
Ion Ratio Lower Upper
152 100
150 152.0 123.7 185.5
115 61.6 45.9 68.9



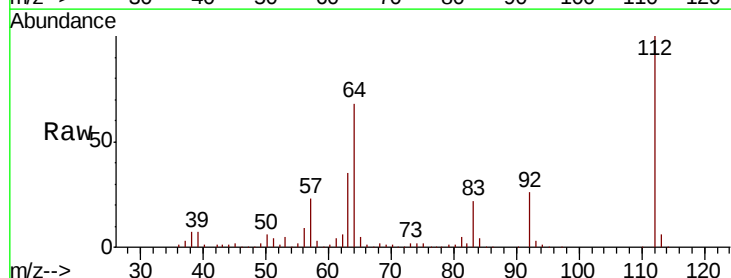
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



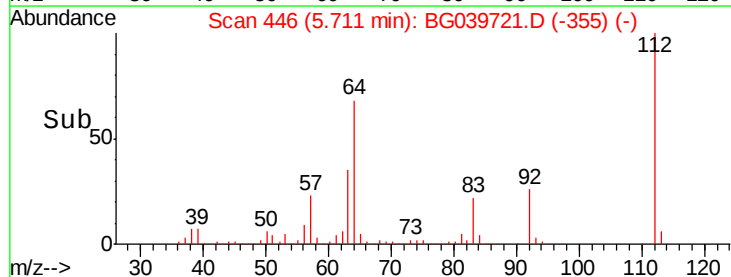
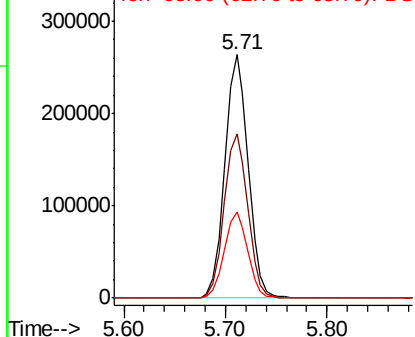
#5

2-Fluorophenol
Concen: 141.545 ng
RT: 5.71 min Scan# 446
Delta R.T. 0.00 min
Lab File: BG039721.D
Acq: 2 Mar 2019 13:20

Tgt Ion:112 Resp: 419490
Ion Ratio Lower Upper
112 100
64 67.6 57.8 86.8
63 35.4 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.791 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG039721.D

Acq: 2 Mar 2019 13:20

Instrument :

BNA_G

ClientSampleId :

Z-3-1-A

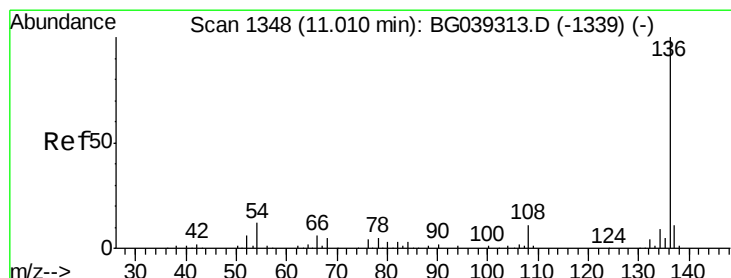
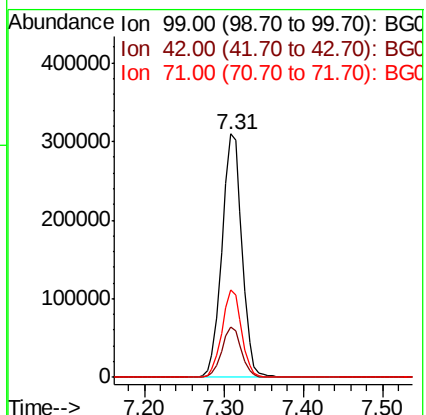
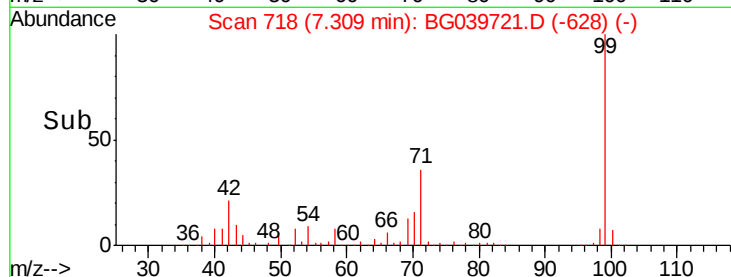
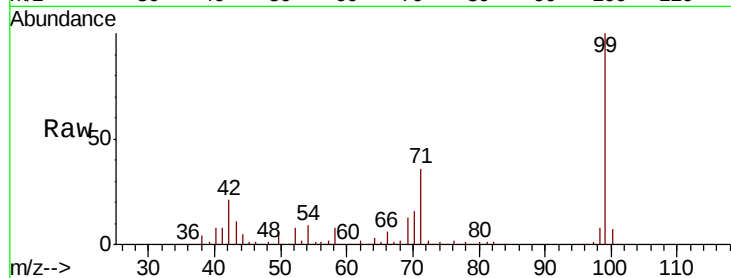
Tot Ion: 99 Resp: 540025

Ion Ratio Lower Upper

99 100

42 20.6 18.2 27.2

71 36.1 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BG039721.D

Acq: 2 Mar 2019 13:20

Tgt Ion: 136 Resp: 217603

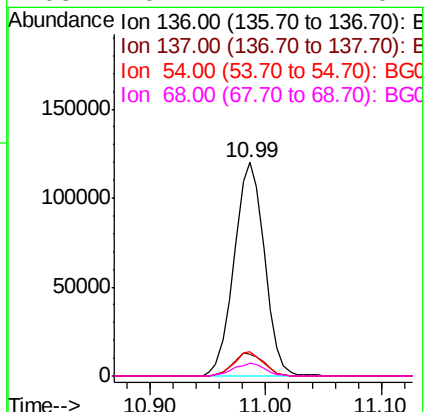
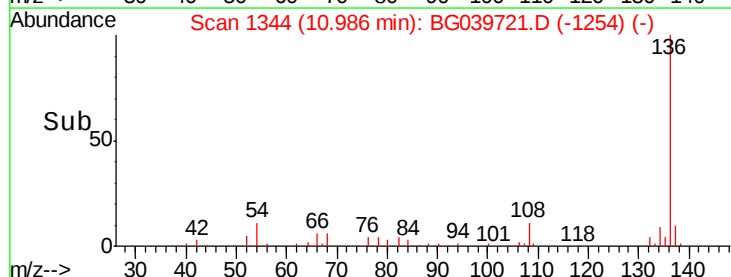
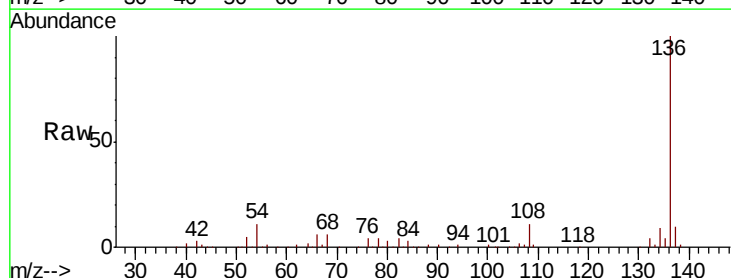
Ion Ratio Lower Upper

136 100

137 10.2 9.1 13.7

54 11.1 9.4 14.2

68 6.2 4.2 6.4

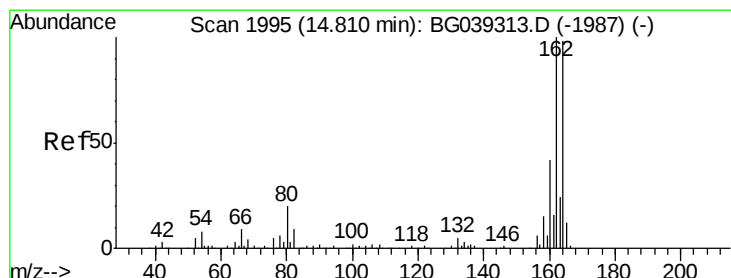
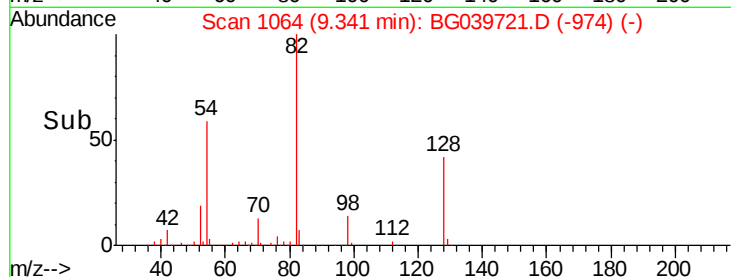
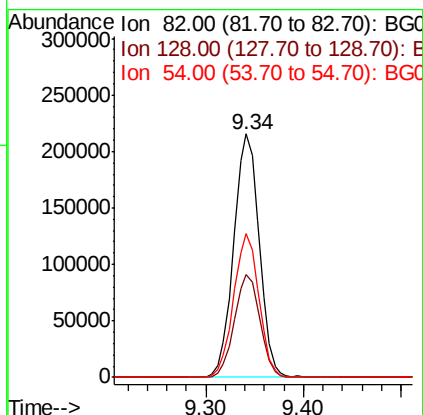
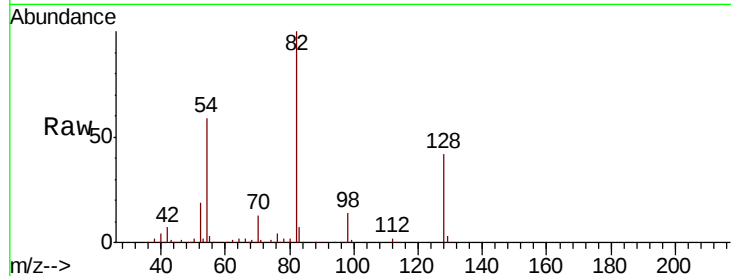




#23
Nitrobenzene-d5
Concen: 112.177 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BG039721.D
Acq: 2 Mar 2019 13:20

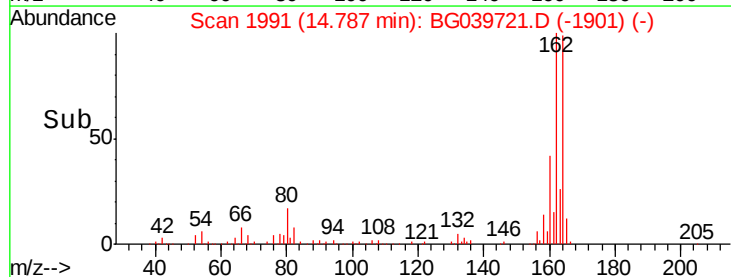
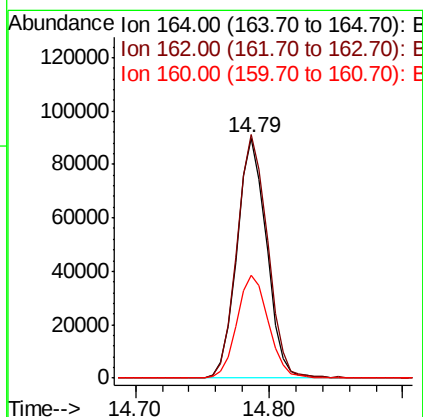
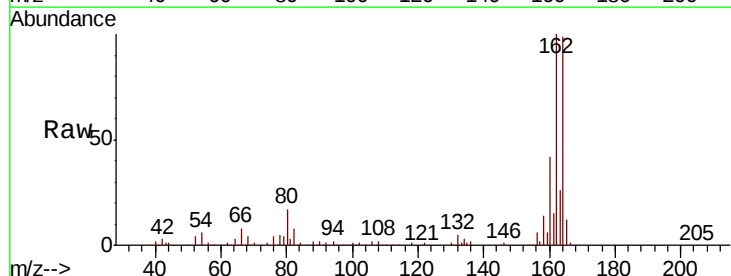
Instrument :
BNA_G
ClientSampleId :
Z-3-1-A

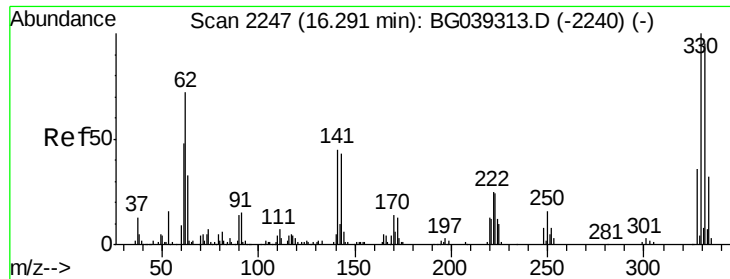
Tot Ion	82	Resp	390737
Ion Ratio	100	Lower	Upper
128	42.2	31.3	46.9
54	58.8	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG039721.D
Acq: 2 Mar 2019 13:20

Tgt Ion	164	Resp	137685
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.5	81.6	122.4
160	42.9	34.2	51.2

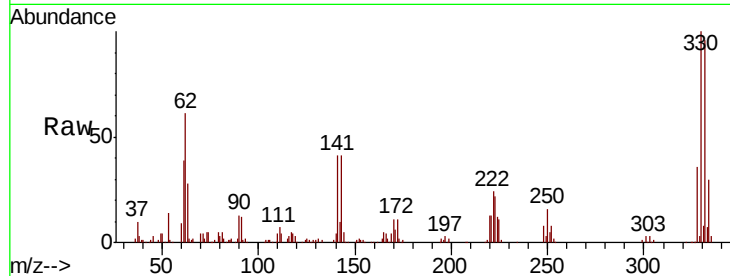




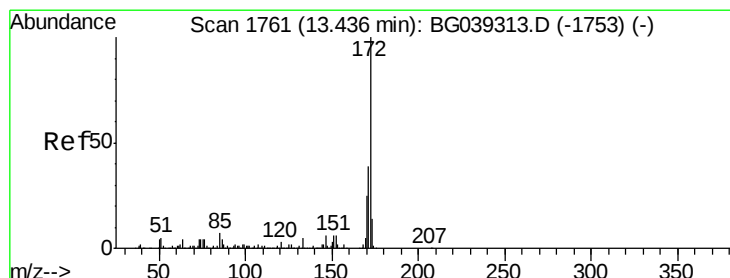
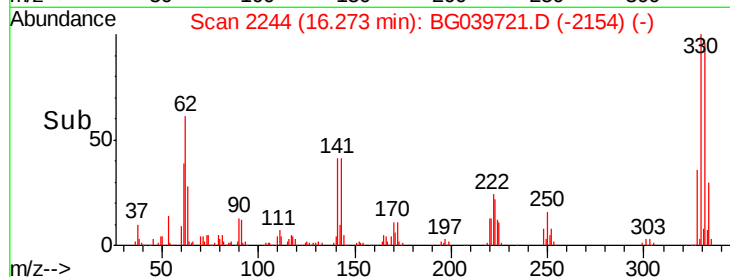
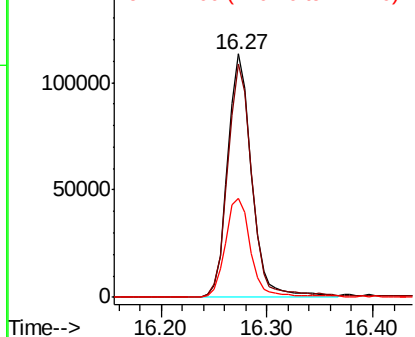
#42
 2,4,6-Tribromophenol
 Concen: 120.749 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

Instrument :
 BNA_G
 ClientSampleId :
 Z-3-1-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.7	113.5
141	42.6	35.6	53.4

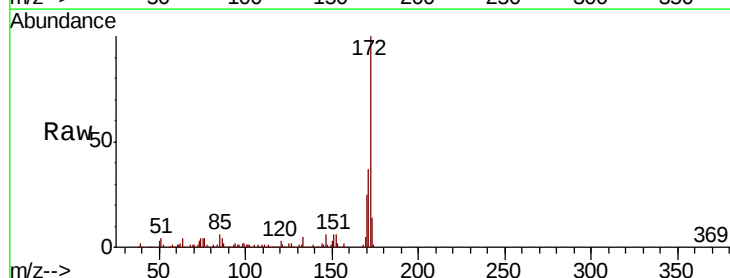


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

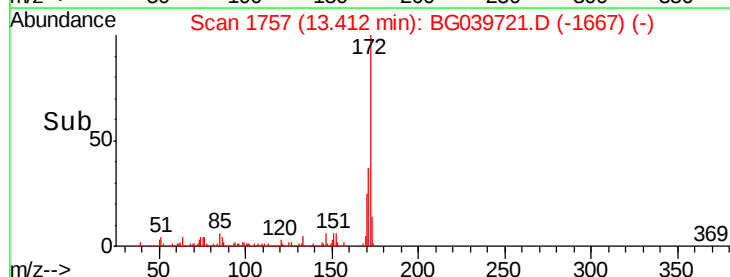
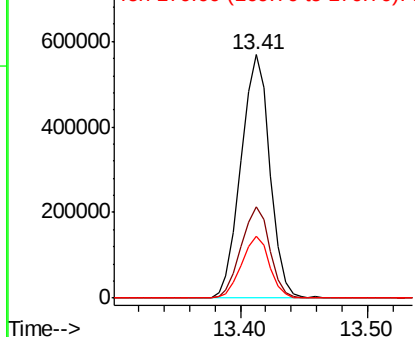


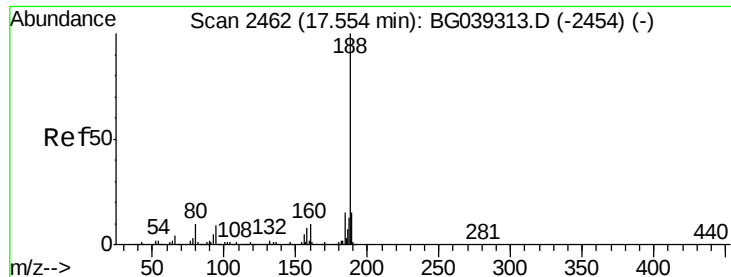
#45
 2-Fluorobiphenyl
 Concen: 93.918 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG039721.D
 Acq: 2 Mar 2019 13:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	25.3	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# 2458

Delta R.T. -0.00 min

Lab File: BG039721.D

Acq: 2 Mar 2019 13:20

Instrument :

BNA_G

ClientSampled :

Z-3-1-A

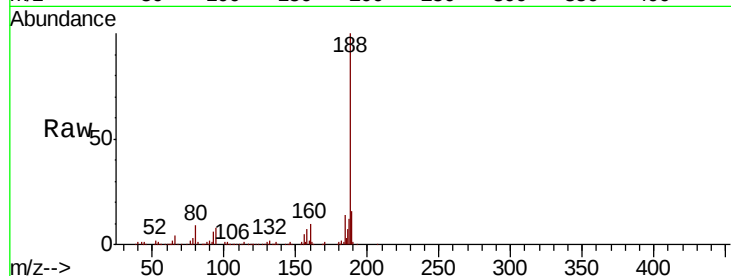
Tot Ion:188 Resp: 320791

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

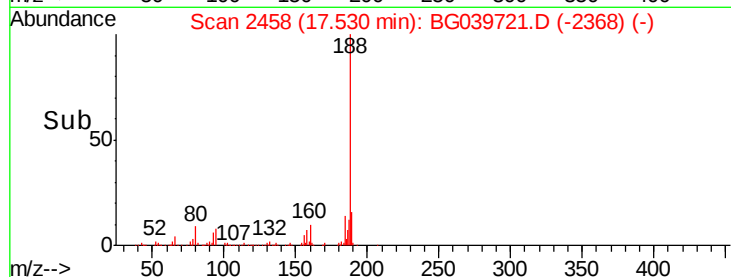
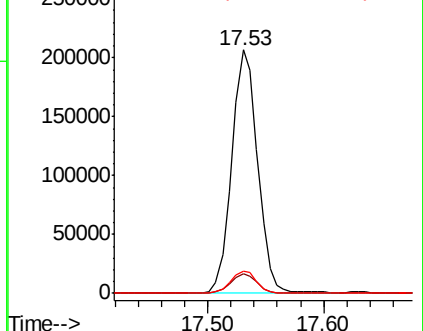
80 9.1 8.1 12.1



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# 3188

Delta R.T. -0.01 min

Lab File: BG039721.D

Acq: 2 Mar 2019 13:20

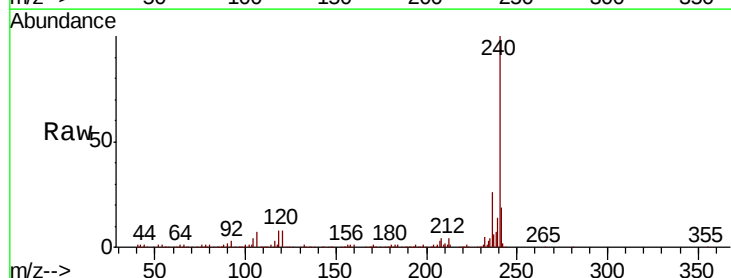
Tgt Ion:240 Resp: 339629

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

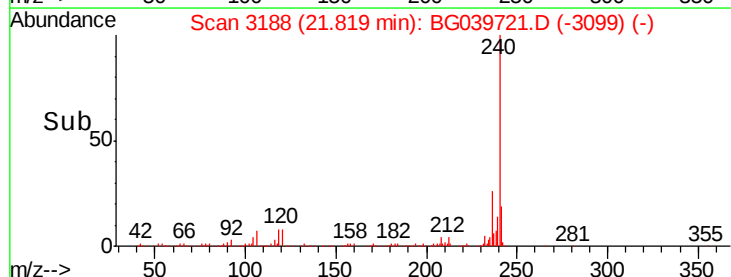
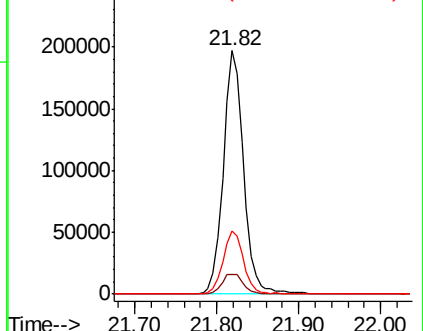
236 25.8 21.0 31.4

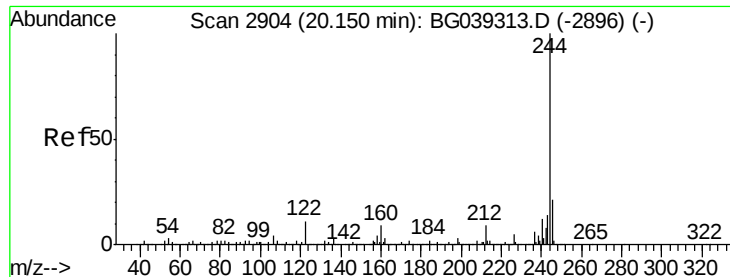


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.640 ng

RT: 20.13 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BG039721.D

Acq: 2 Mar 2019 13:20

Instrument :

BNA_G

ClientSampleId :

Z-3-1-A

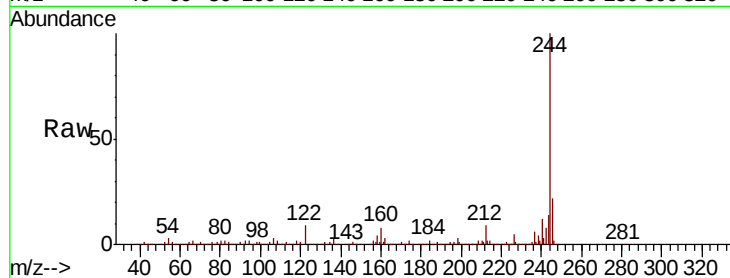
Tot Ion:244 Resp: 1374116

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

244 100

212 9.3 7.3 10.9

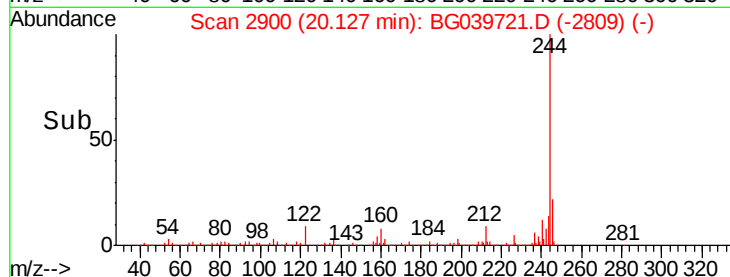
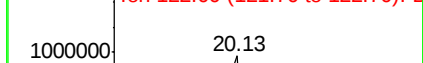
122 9.3 8.4 12.6



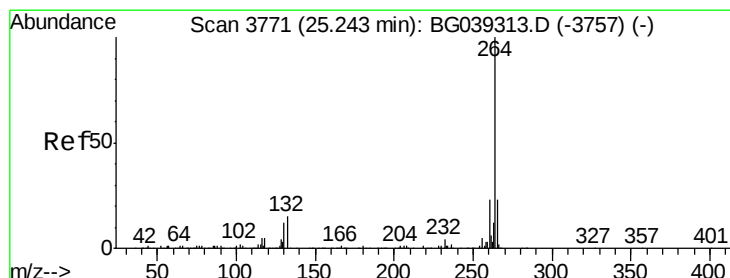
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.00 20.10 20.20



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3764

Delta R.T. 0.00 min

Lab File: BG039721.D

Acq: 2 Mar 2019 13:20

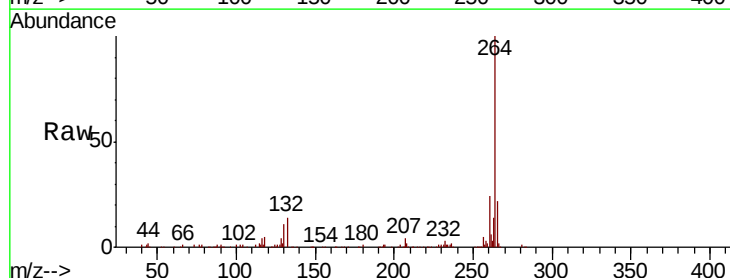
Tgt Ion:264 Resp: 314846

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.7	18.5	27.7

264 100

260 23.6 18.2 27.4

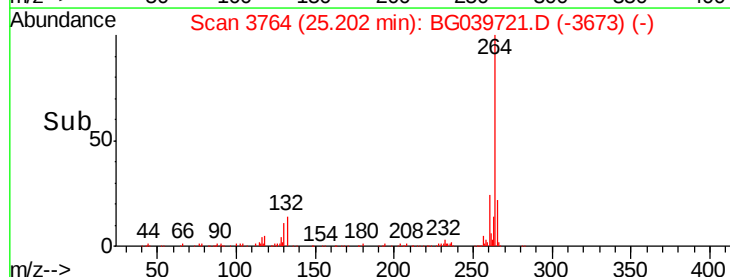
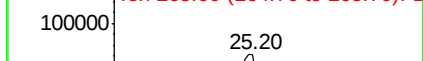
265 21.7 18.5 27.7



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



Time--> 25.10 25.20 25.30