

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039739.D
 Acq On : 4 Mar 2019 20:08
 Operator : JU/SJ
 Sample : K1714-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-B-14-18

Quant Time: Mar 05 06:46:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

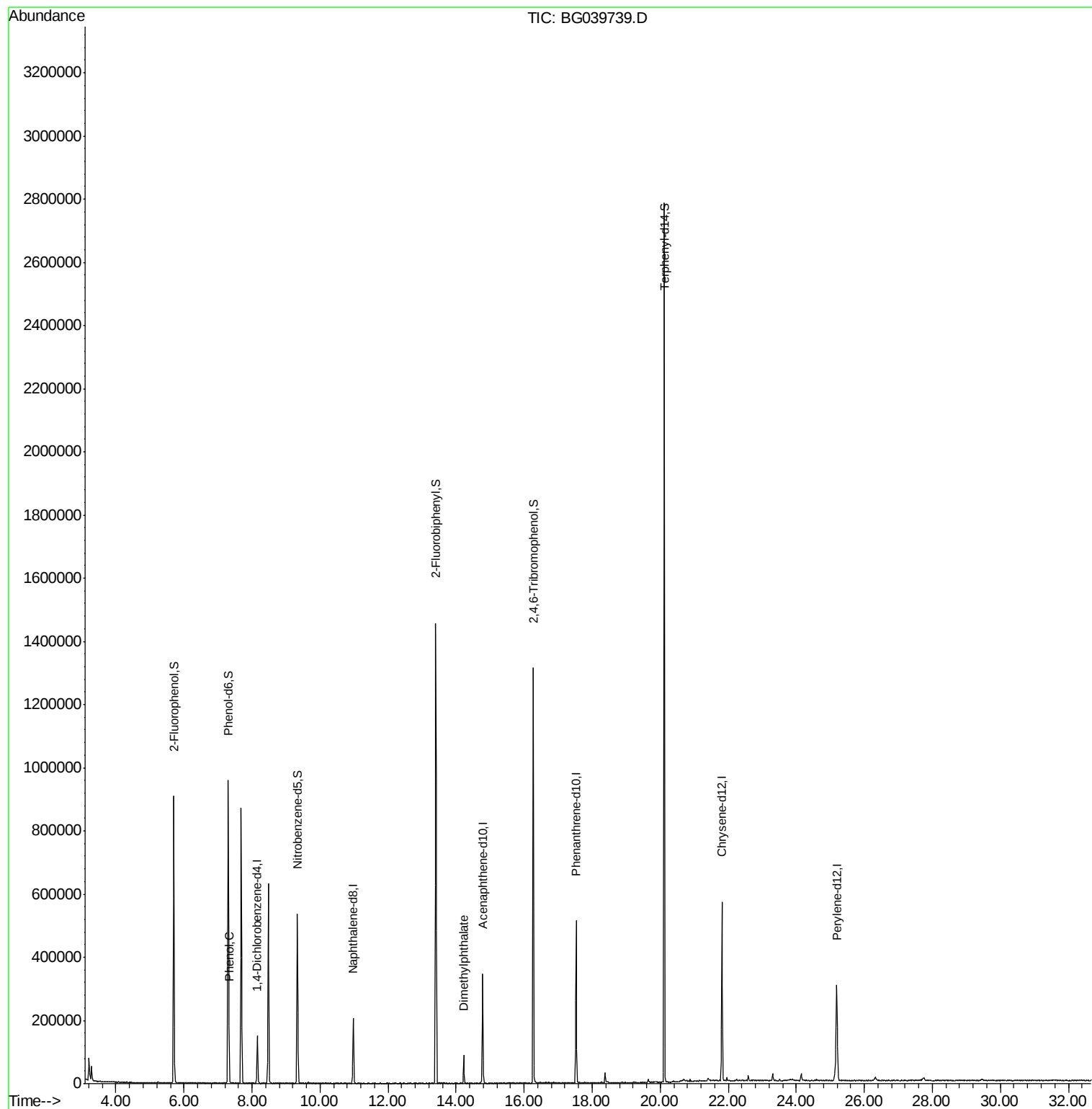
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40933	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	176371	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	125294	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	318743	20.00	ng	0.00
76) Chrysene-d12	21.81	240	346851	20.00	ng	-0.01
87) Perylene-d12	25.19	264	347228	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	383633	159.89	ng	0.00
7) Phenol-d6	7.31	99	562695	157.28	ng	0.00
23) Nitrobenzene-d5	9.33	82	326481	100.12	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	229276	157.00	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	784399	89.14	ng	-0.01
79) Terphenyl-d14	20.12	244	1312009	83.29	ng	0.00
Target Compounds						
10) Phenol	7.33	94	8759	2.260	ng	Qvalue 84
50) Dimethylphthalate	14.23	163	61092	5.831	ng	98

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

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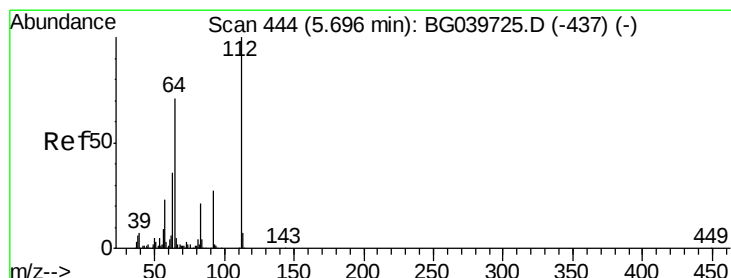
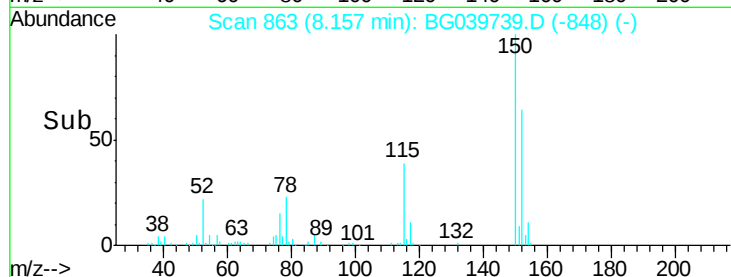
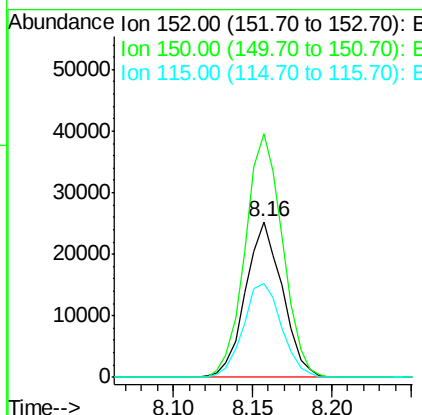
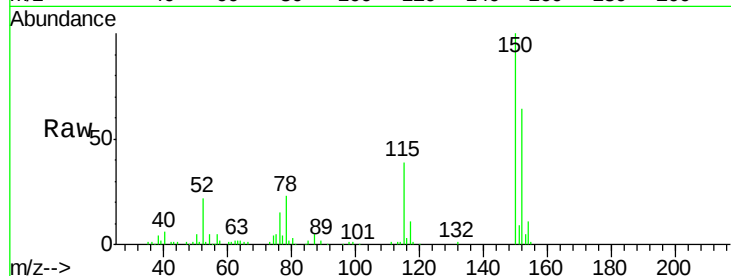


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

Instrument :
BNA_G
ClientSampleId :
SB-B-14-18

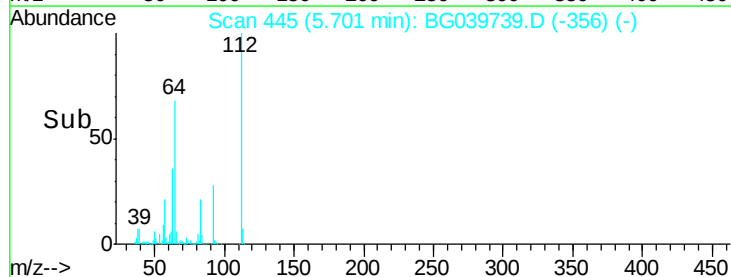
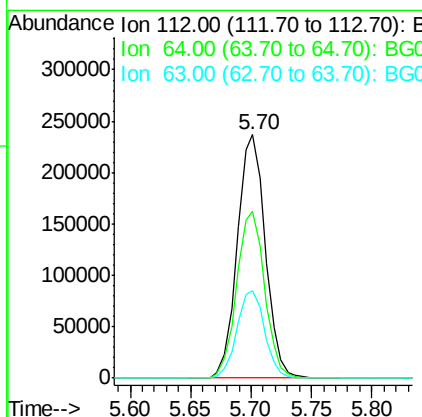
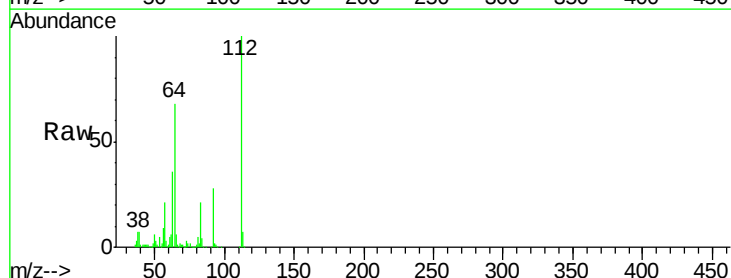
Tgt Ion:152 Resp: 40933
Ion Ratio Lower Upper
152 100
150 156.3 123.7 185.5
115 60.3 45.9 68.9



#5

2-Fluorophenol
Concen: 159.891 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

Tgt Ion:112 Resp: 383633
Ion Ratio Lower Upper
112 100
64 68.5 57.8 86.8
63 35.7 29.8 44.6





#7

Phenol-d6

Concen: 157.285 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

Instrument :

BNA_G

ClientSampled :

SB-B-14-18

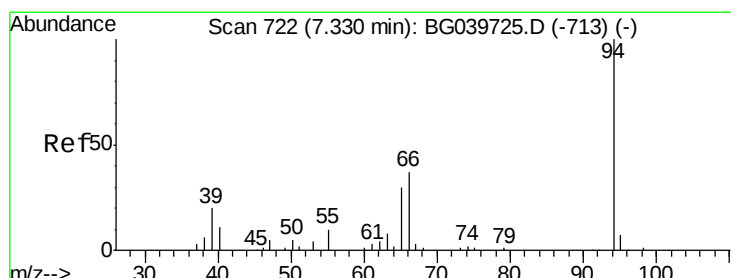
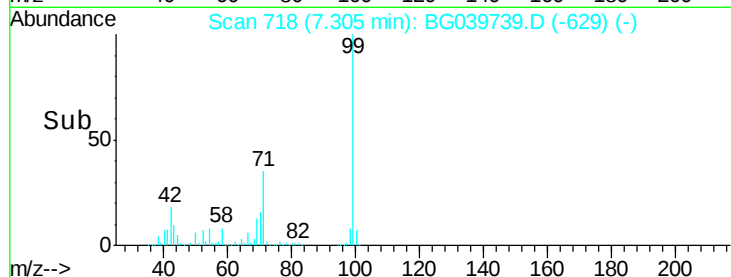
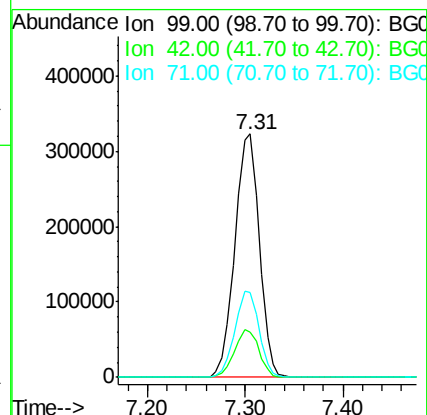
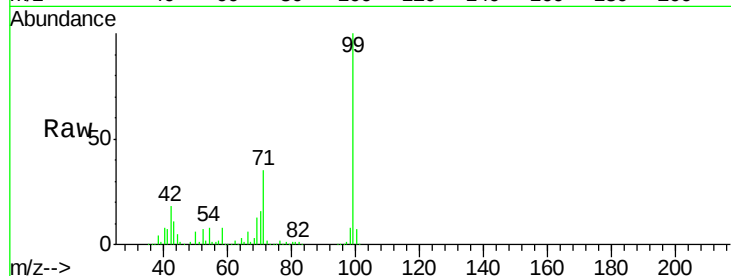
Tgt Ion: 99 Resp: 562695

Ion Ratio Lower Upper

99 100

42 18.4 18.2 27.2

71 34.9 28.0 42.0



#10

Phenol

Concen: 2.260 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

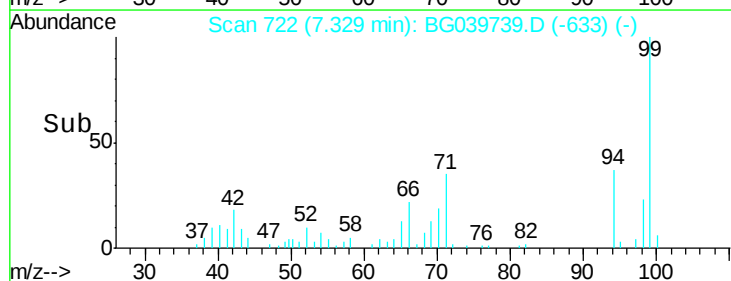
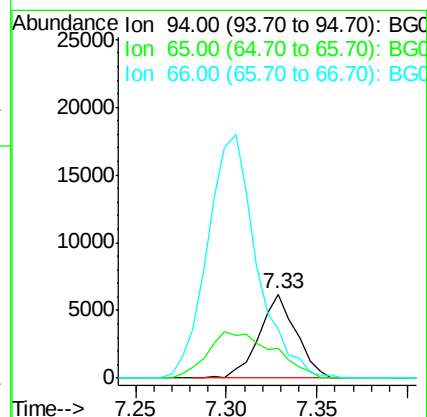
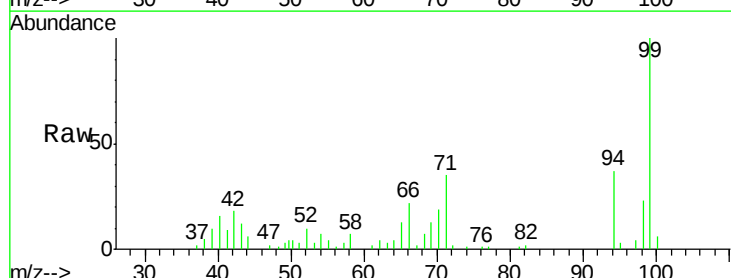
Tgt Ion: 94 Resp: 8759

Ion Ratio Lower Upper

94 100

65 35.7 11.7 51.7

66 58.5 23.7 63.7

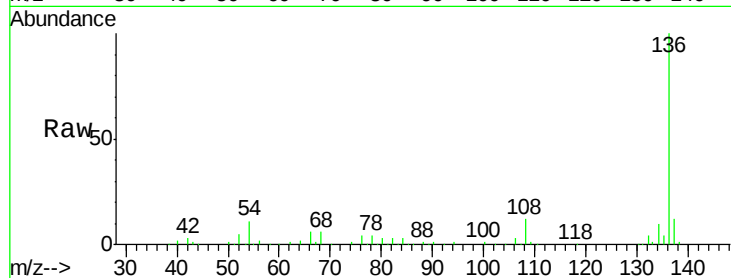




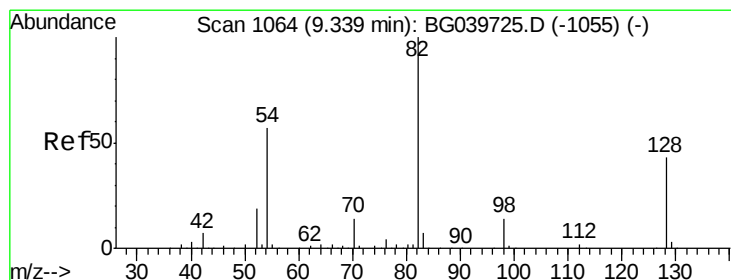
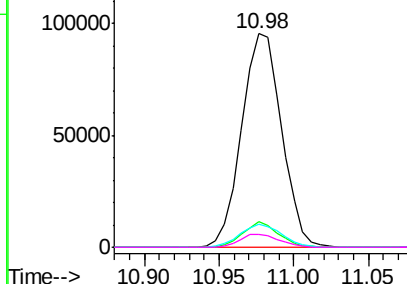
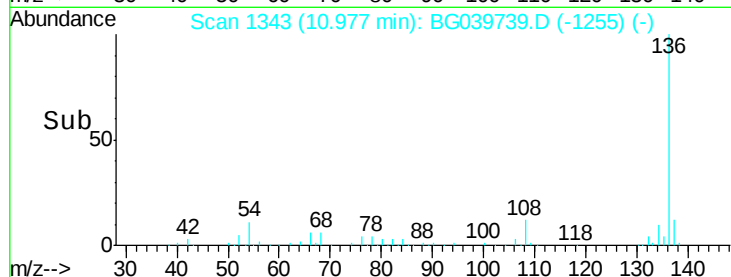
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

Instrument :
BNA_G
ClientSampled :
SB-B-14-18

Tgt Ion:	136	Resp:	176371
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	10.9	9.4	14.2
68	6.2	4.2	6.4

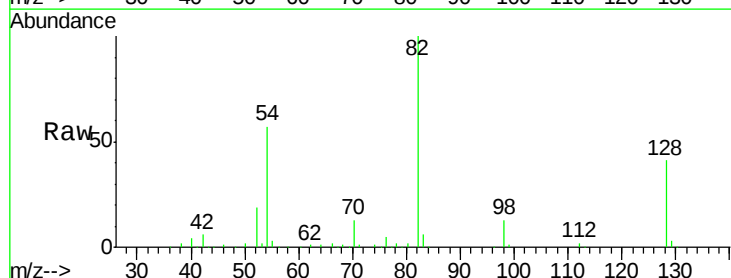


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

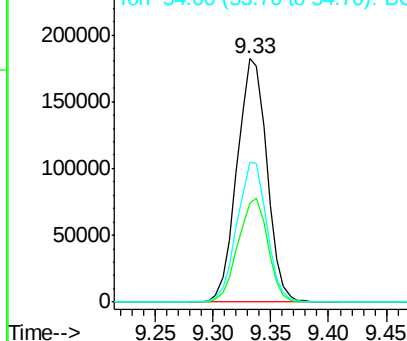
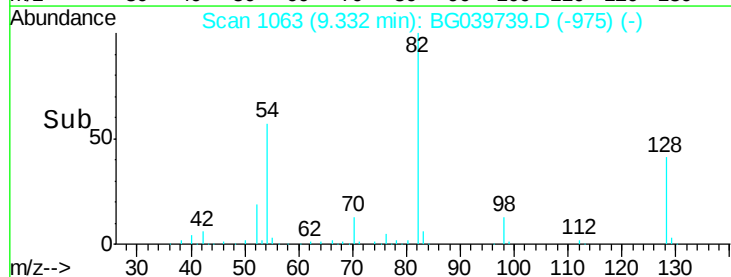


#23
Nitrobenzene-d5
Concen: 100.115 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

Tgt Ion:	82	Resp:	326481
Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.3	46.9
54	57.2	50.9	76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

Instrument :

BNA_G

ClientSampleId :

SB-B-14-18

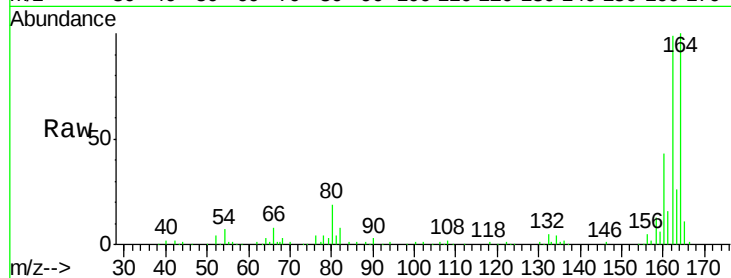
Tgt Ion:164 Resp: 125294

Ion Ratio Lower Upper

164 100

162 99.2 81.6 122.4

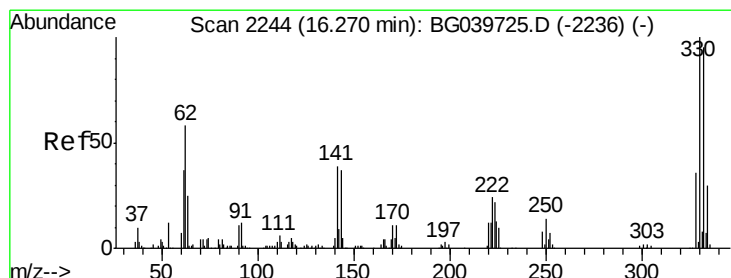
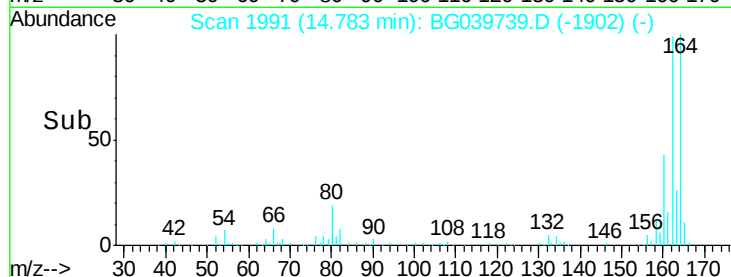
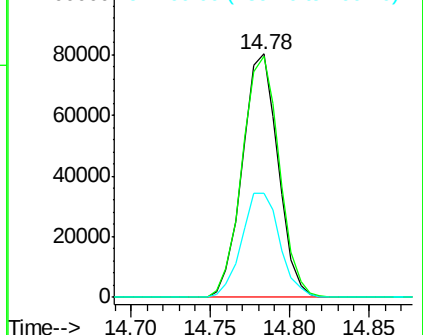
160 42.6 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 156.996 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

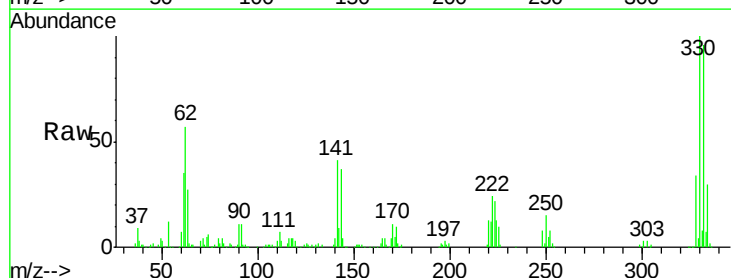
Tgt Ion:330 Resp: 229276

Ion Ratio Lower Upper

330 100

332 95.0 75.7 113.5

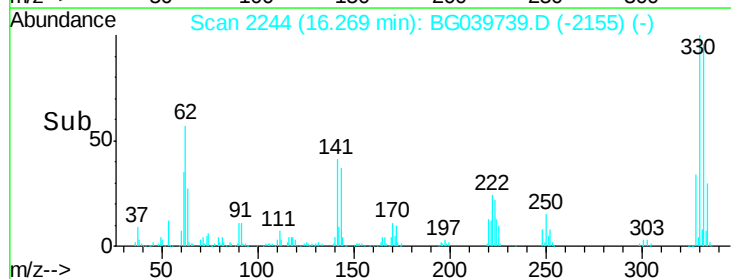
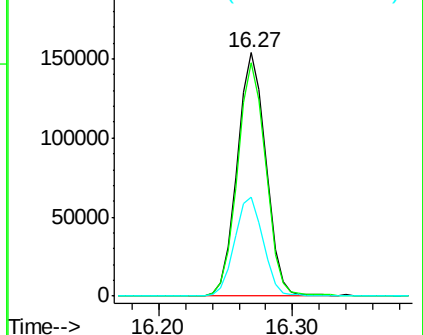
141 40.9 35.6 53.4



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

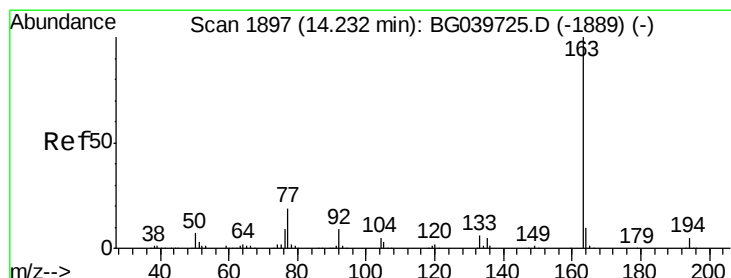
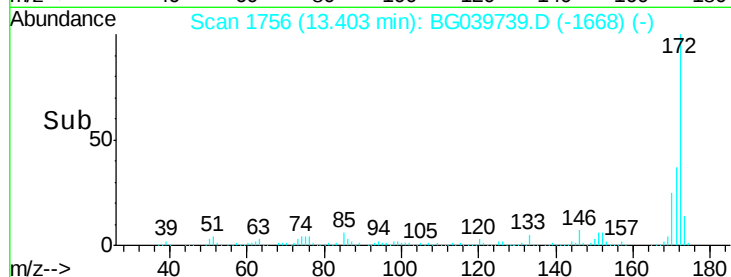
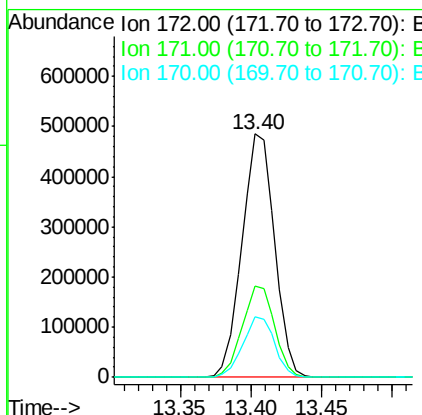
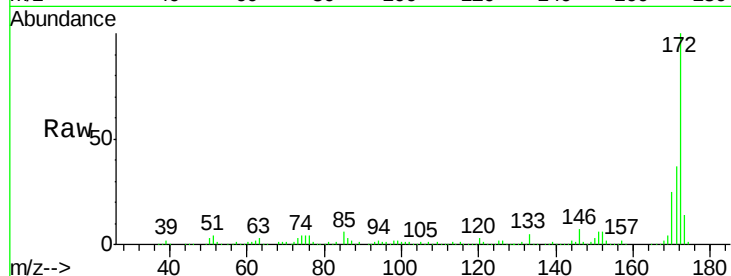




#45
2-Fluorobiphenyl
Concen: 89.138 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

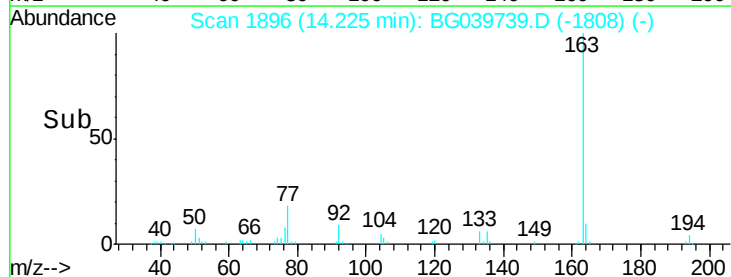
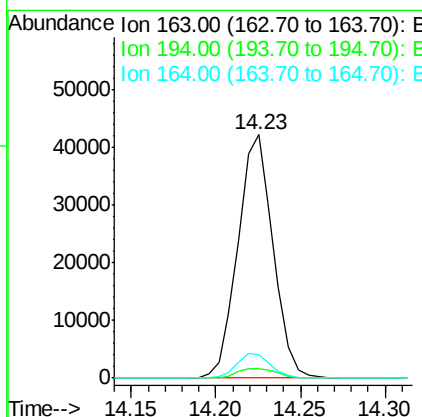
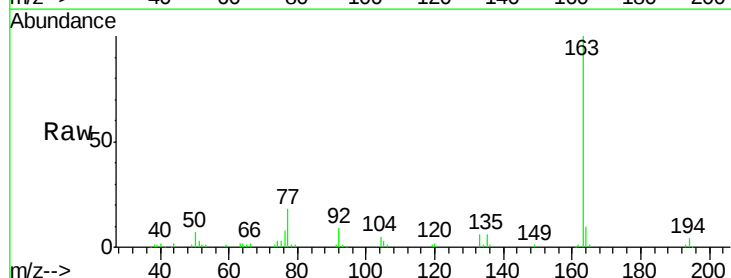
Instrument :
BNA_G
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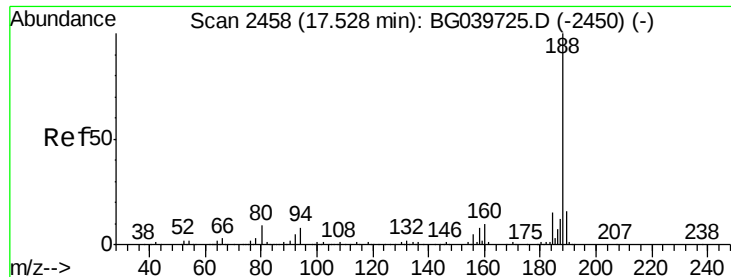
Tgt Ion:172 Resp: 784399
Ion Ratio Lower Upper
172 100
171 37.3 30.8 46.2
170 24.9 20.2 30.4



#50
Dimethylphthalate
Concen: 5.831 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

Tgt Ion:163 Resp: 61092
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 9.8 8.4 12.6

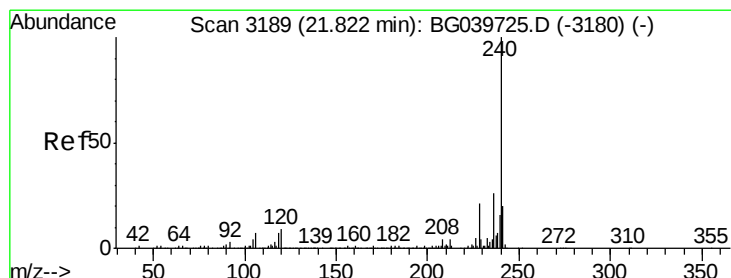
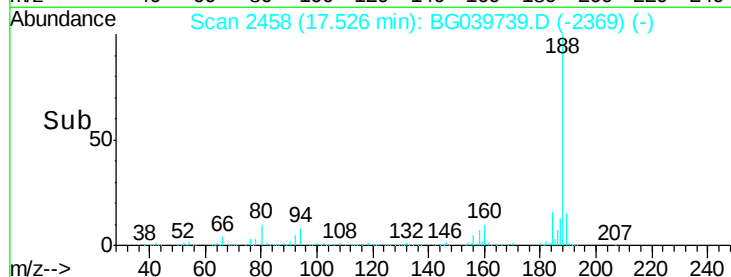
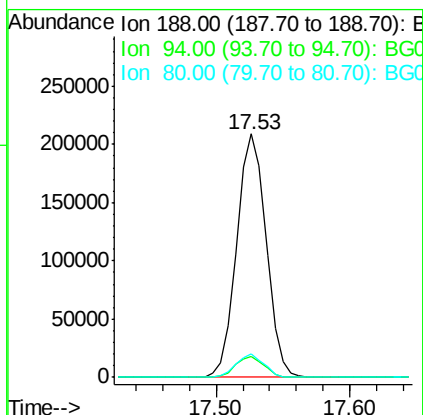
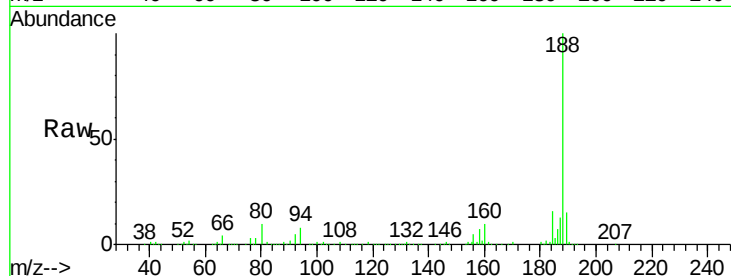




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

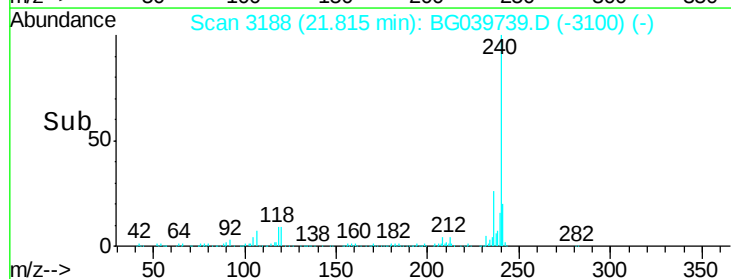
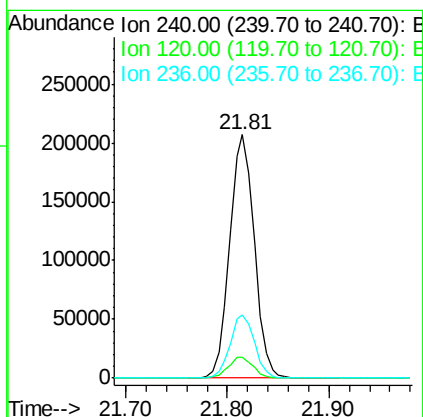
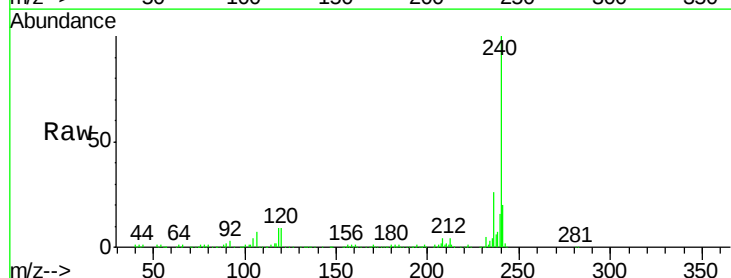
Instrument :
BNA_G
ClientSampled :
SB-B-14-18

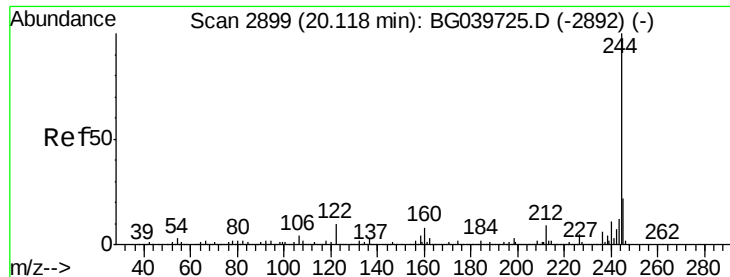
Tgt Ion:188 Resp: 318743
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.9 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039739.D
Acq: 4 Mar 2019 20:08

Tgt Ion:240 Resp: 346851
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 26.1 21.0 31.4





#79

Terphenyl-d14

Concen: 83.286 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

Instrument :

BNA_G

ClientSampleId :

SB-B-14-18

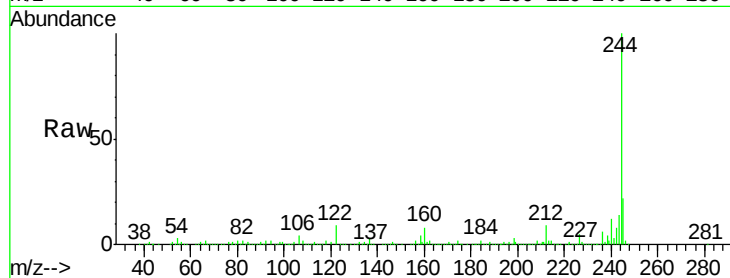
Tgt Ion:244 Resp: 1312009

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

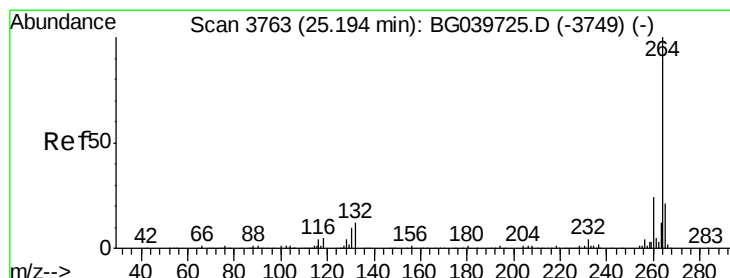
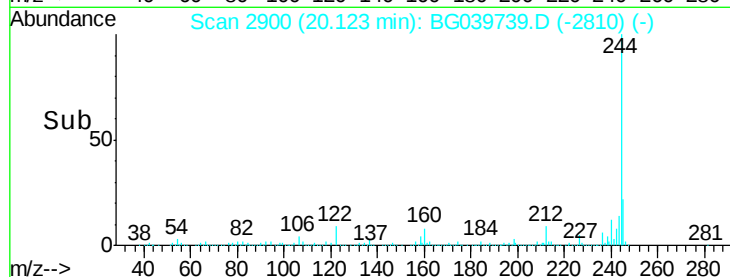
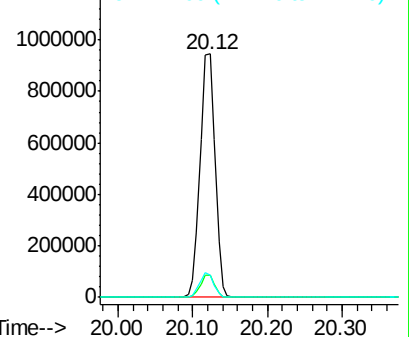
122 9.1 8.4 12.6



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# 3762

Delta R.T. -0.01 min

Lab File: BG039739.D

Acq: 4 Mar 2019 20:08

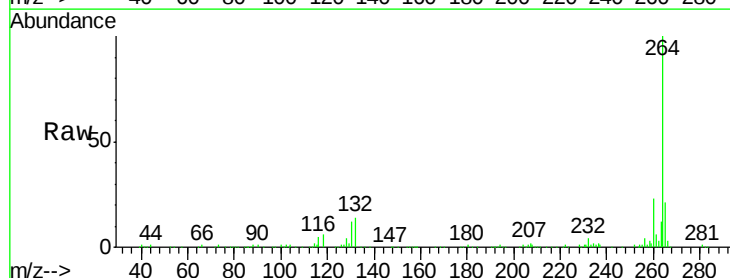
Tgt Ion:264 Resp: 347228

Ion Ratio Lower Upper

264 100

260 22.8 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

