

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
 Data File : BG040168.D
 Acq On : 27 Mar 2019 5:01
 Operator : JU/SJ
 Sample : K1693-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-032519-B

Quant Time: Mar 27 13:51:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 13:43:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	46092	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	192480	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	128276	20.00	ng	0.00
64) Phenanthrene-d10	17.51	188	311957	20.00	ng	0.00
76) Chrysene-d12	21.79	240	312241	20.00	ng	0.00
87) Perylene-d12	25.15	264	298072	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	336647	124.60	ng	0.00
7) Phenol-d6	7.29	99	438778	108.92	ng	0.00
23) Nitrobenzene-d5	9.32	82	332027	93.29	ng	0.00
42) 2,4,6-Tribromophenol	16.25	330	192727	128.90	ng	0.00
45) 2-Fluorobiphenyl	13.39	172	802763	89.10	ng	0.00
79) Terphenyl-d14	20.10	244	1263775	89.12	ng	0.00

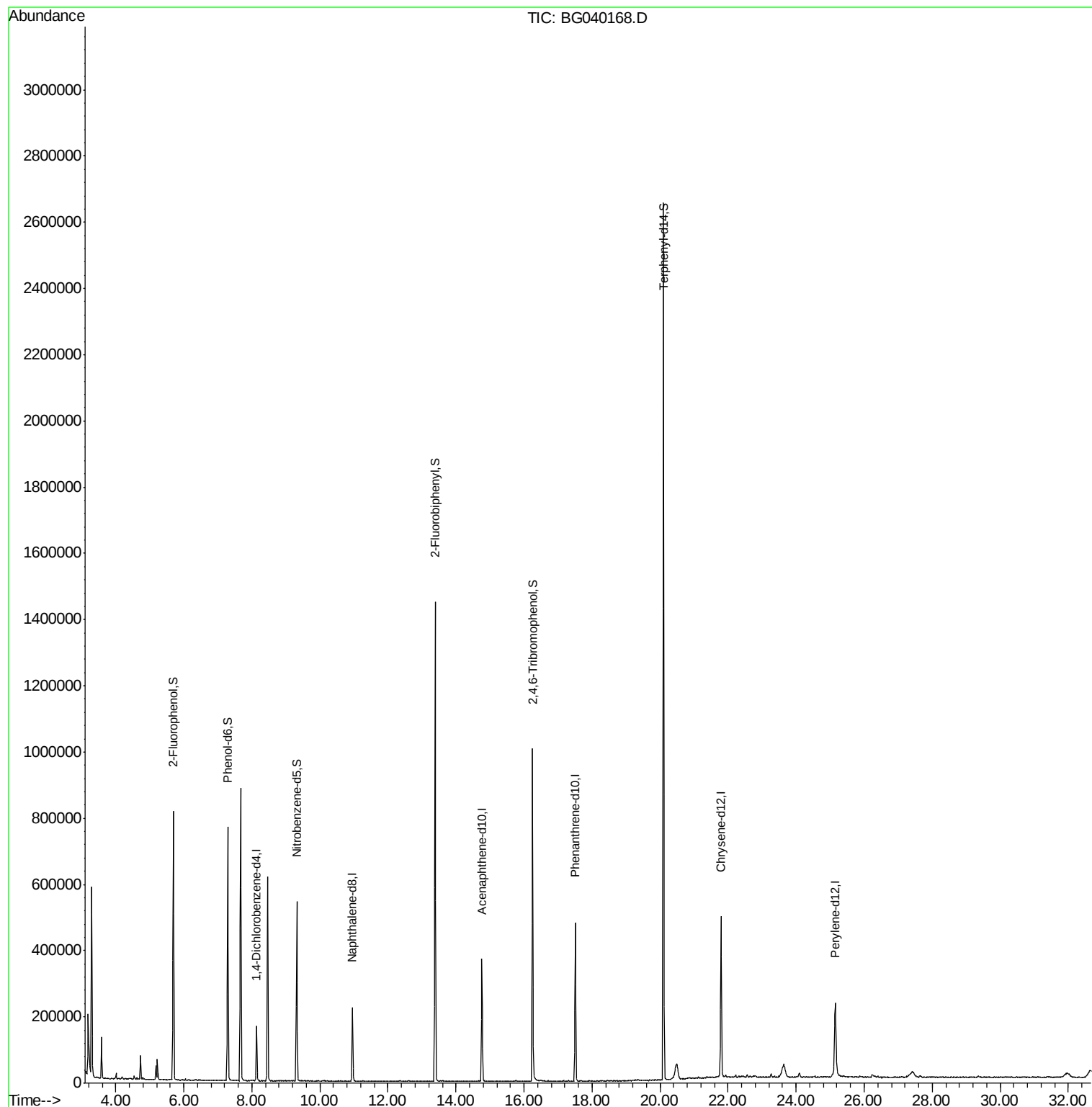
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BG040168.D

Acq: 27 Mar 2019 5:01

Instrument :

BNA_G

ClientSampleId :

OR-01-032519-B

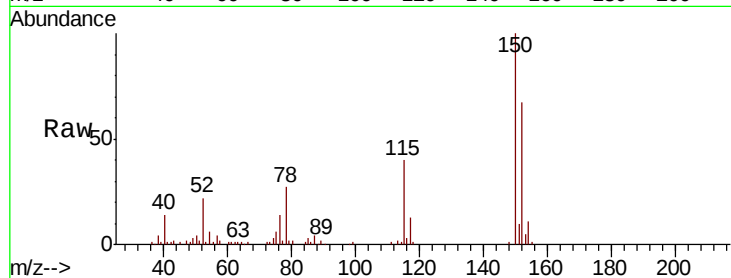
Tot Ion:152 Resp: 46092

Ion Ratio Lower Upper

152 100

150 149.5 115.2 172.8

115 60.3 47.0 70.6

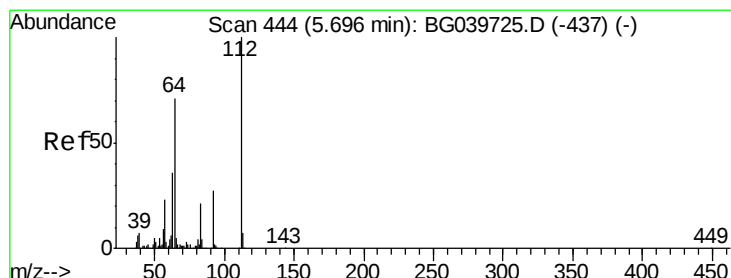
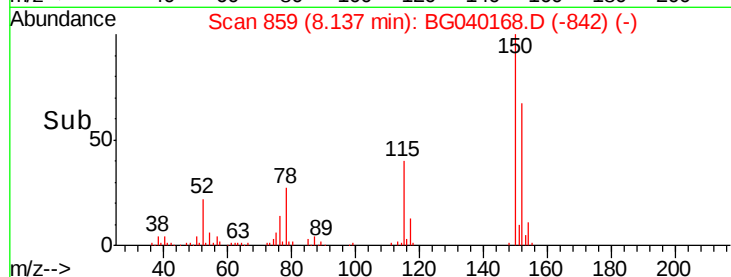
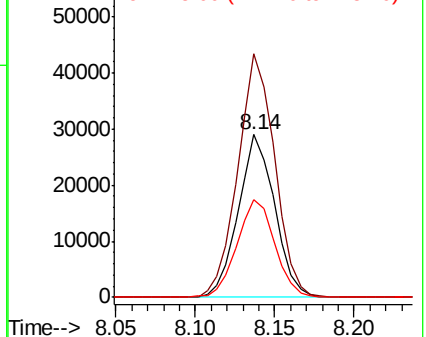


Abundance

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: 124.604 ng

RT: 5.69 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040168.D

Acq: 27 Mar 2019 5:01

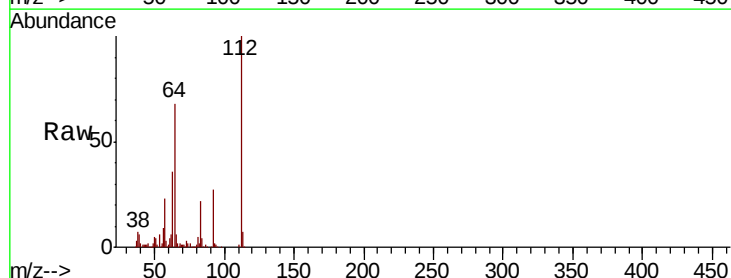
Tgt Ion:112 Resp: 336647

Ion Ratio Lower Upper

112 100

64 68.1 55.5 83.3

63 36.4 30.2 45.4

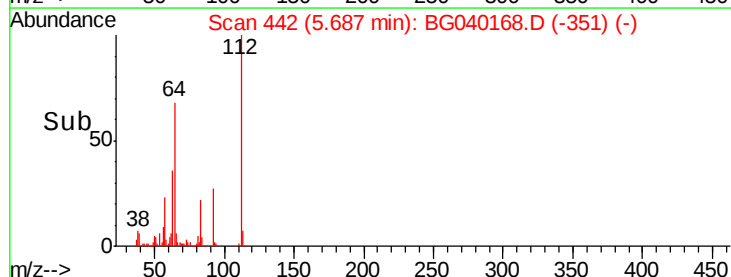
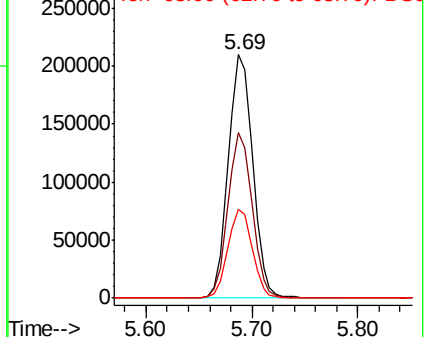


Abundance

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: 108.920 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG040168.D

Acq: 27 Mar 2019 5:01

Instrument :

BNA_G

ClientSampled :

OR-01-032519-B

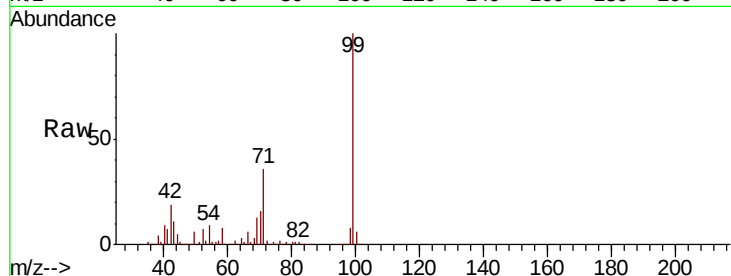
Tot Ion: 99 Resp: 438778

Ion Ratio Lower Upper

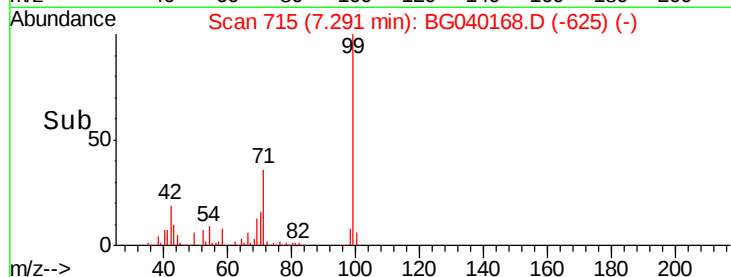
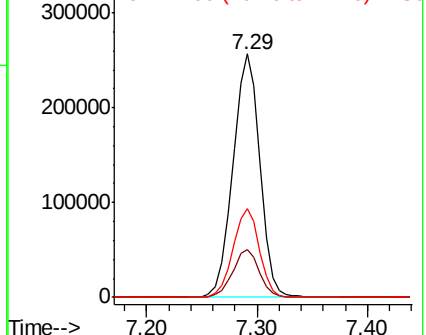
99 100

42 19.4 15.4 23.2

71 36.5 29.1 43.7



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: 10.96 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BG040168.D

Acq: 27 Mar 2019 5:01

Tgt Ion: 136 Resp: 192480

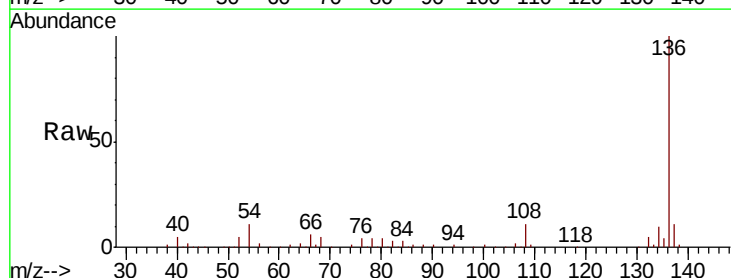
Ion Ratio Lower Upper

136 100

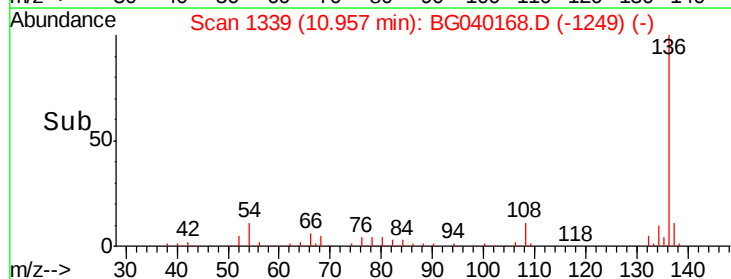
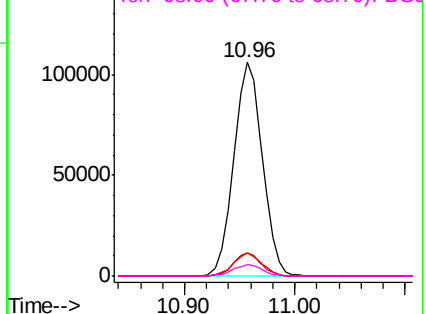
137 11.0 9.0 13.6

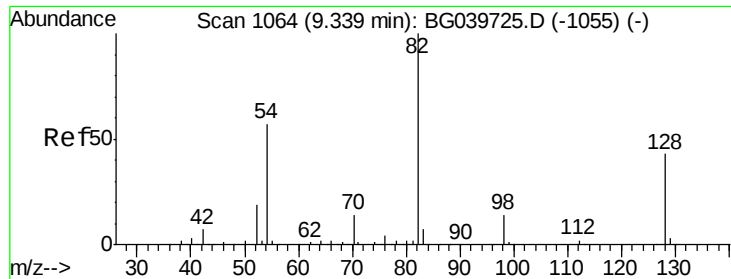
54 10.8 8.5 12.7

68 5.4 4.2 6.2



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

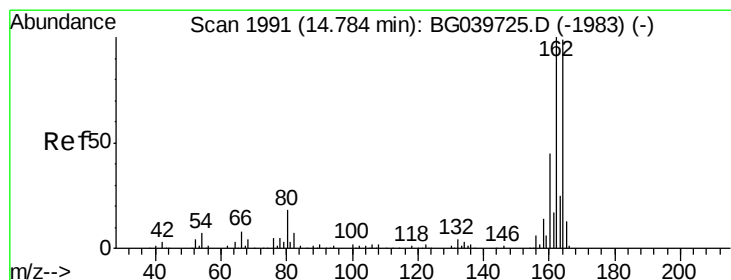
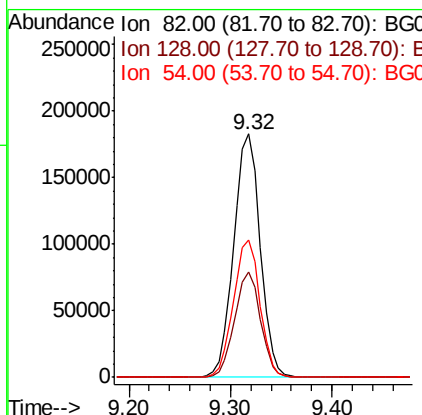
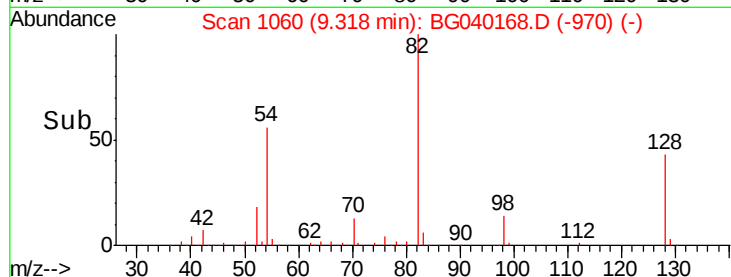
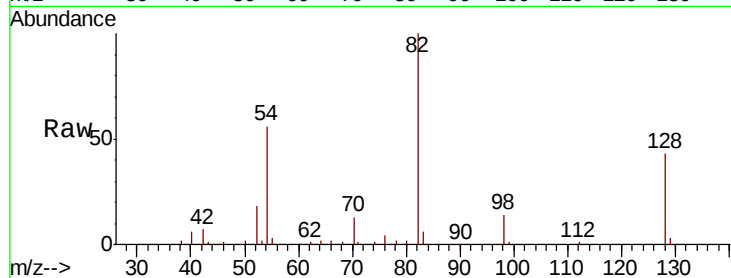




#23
Nitrobenzene-d5
Concen: 93.295 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BG040168.D
Acq: 27 Mar 2019 5:01

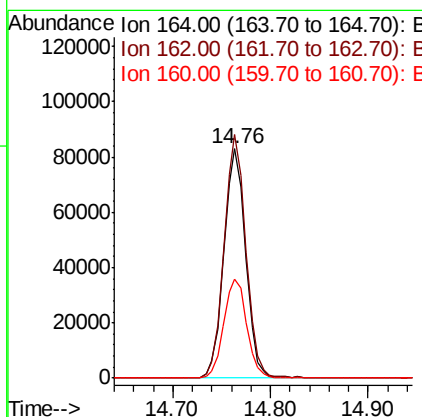
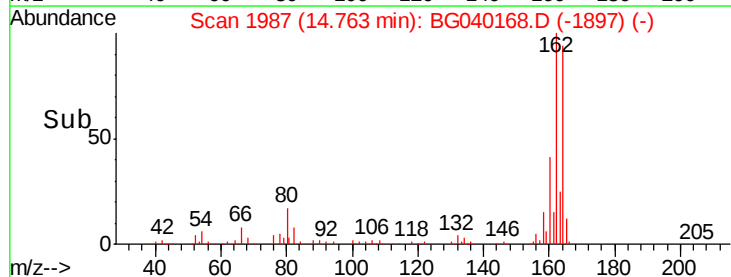
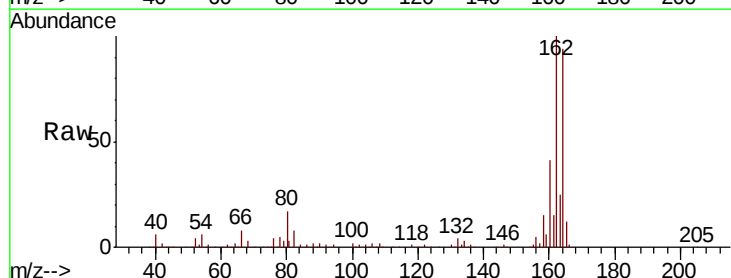
Instrument :
BNA_G
ClientSampleId :
OR-01-032519-B

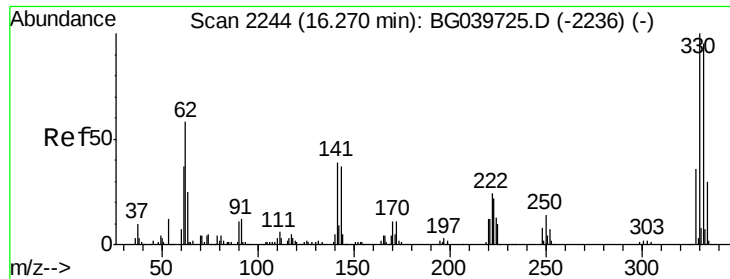
Tot Ion	82	Resp	332027
Ion Ratio	Lower	Upper	
82	100		
128	43.3	34.3	51.5
54	56.4	46.9	70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG040168.D
Acq: 27 Mar 2019 5:01

Tgt Ion	164	Resp	128276
Ion Ratio	Lower	Upper	
164	100		
162	106.2	81.0	121.4
160	43.4	34.5	51.7

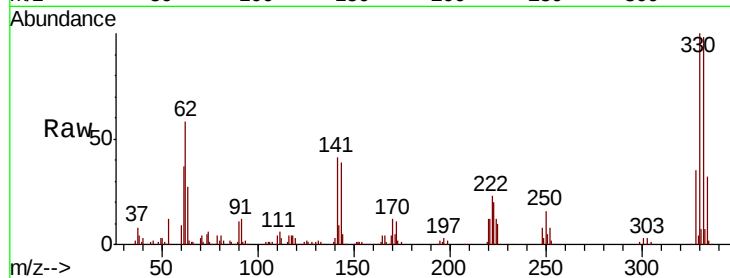




#42
 2,4,6-Tribromophenol
 Concen: 128.901 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: BG040168.D
 Acq: 27 Mar 2019 5:01

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-032519-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.8	113.8
141	39.9	31.8	47.6

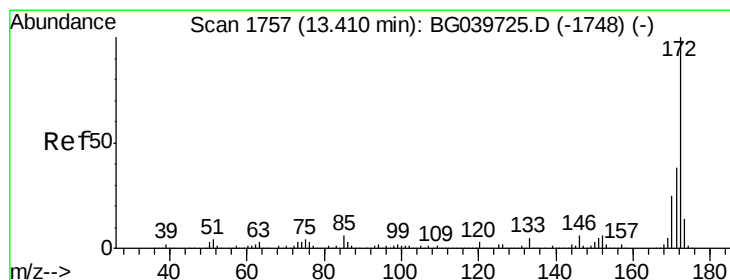
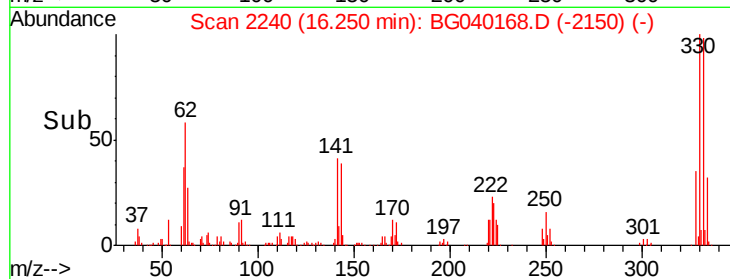
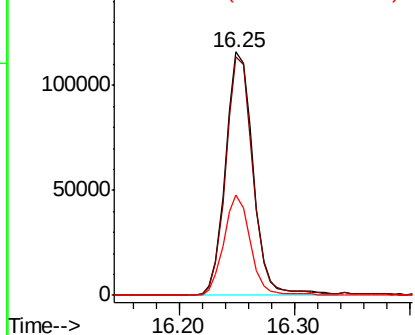


Abundance

Ion 329.80 (329.50 to 330.50): E

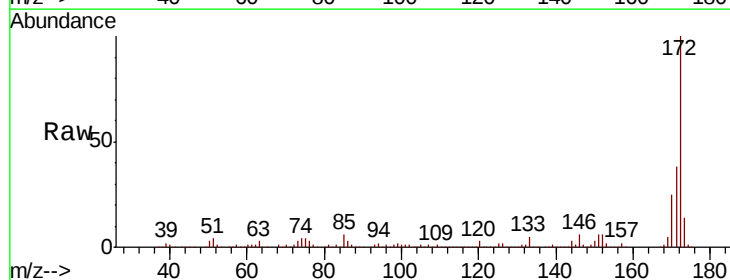
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.105 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG040168.D
 Acq: 27 Mar 2019 5:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.5	20.6	31.0

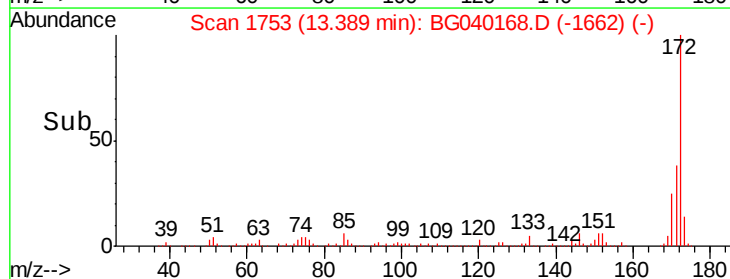
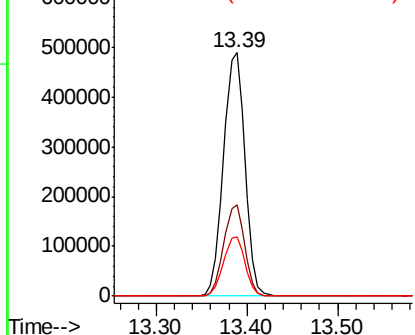


Abundance

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: 17.51 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BG040168.D

Acq: 27 Mar 2019 5:01

Instrument :

BNA_G

ClientSampleId :

OR-01-032519-B

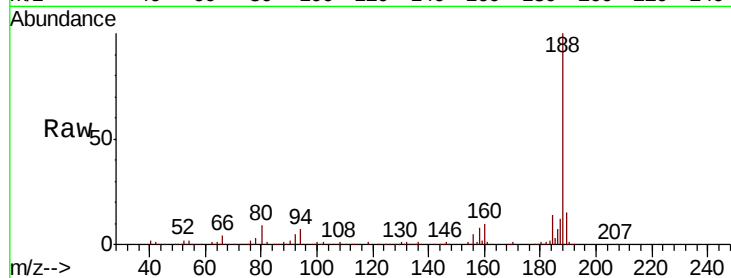
Tot Ion:188 Resp: 311957

Ion Ratio Lower Upper

188 100

94 7.3 6.1 9.1

80 9.0 7.0 10.4



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

250000

200000

150000

100000

50000

0

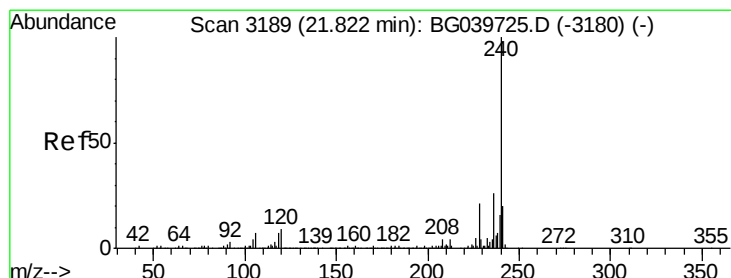
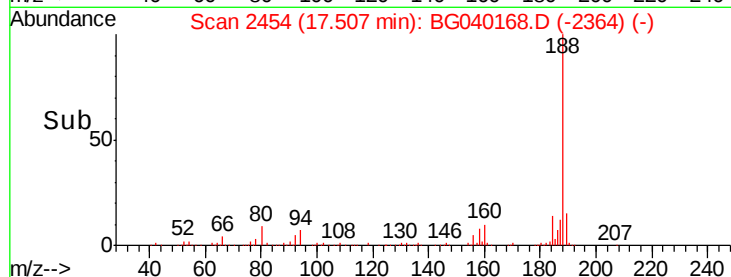
17.51

17.40

17.50

17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BG040168.D

Acq: 27 Mar 2019 5:01

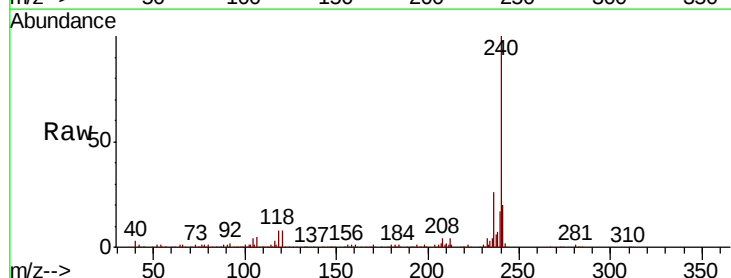
Tgt Ion:240 Resp: 312241

Ion Ratio Lower Upper

240 100

120 7.9 7.1 10.7

236 25.6 21.6 32.4



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

200000

150000

100000

50000

0

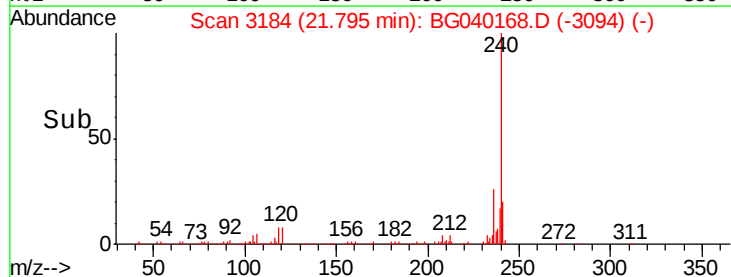
21.79

21.70

21.80

21.90

Time-->





#79

Terphenyl-d14

Concen: 89.117 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG040168.D

Acq: 27 Mar 2019 5:01

Instrument :

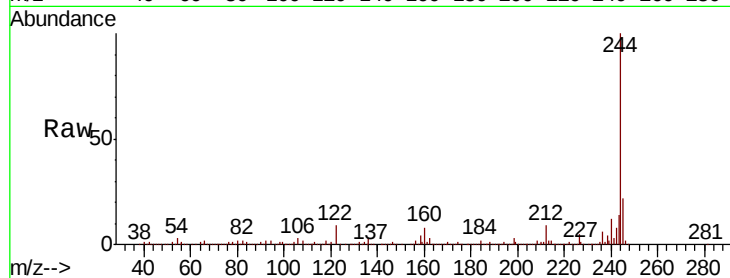
BNA_G

ClientSampleId :

OR-01-032519-B

Tot Ion:244 Resp: 1263775

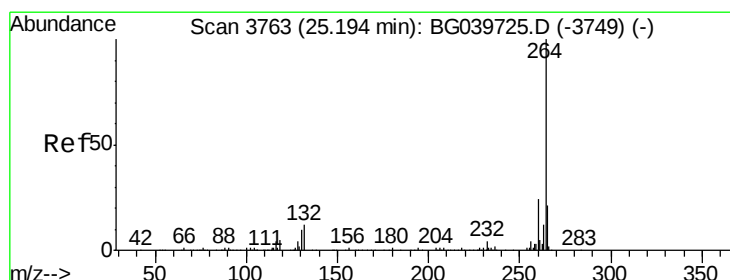
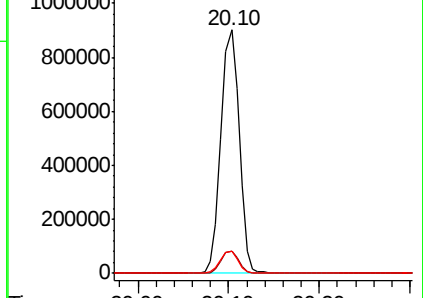
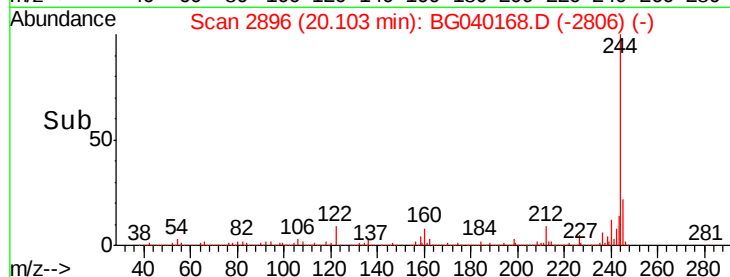
Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	9.1	7.0	10.6



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: 25.15 min Scan# 3755

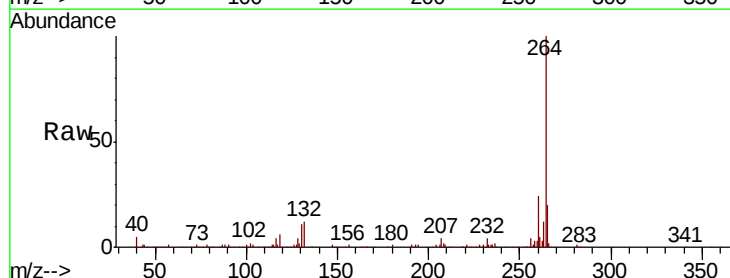
Delta R.T. -0.00 min

Lab File: BG040168.D

Acq: 27 Mar 2019 5:01

Tgt Ion:264 Resp: 298072

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	20.3	17.2	25.8



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

