

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040136.D
 Acq On : 26 Mar 2019 4:53
 Operator : JU/SJ
 Sample : K2058-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S3B(17-25)COMP

Quant Time: Mar 26 08:59:53 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	8.14	152	34072	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	148786	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	107021	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	282431	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	285523	20.00	ng	-0.03
87) Perylene-d12	25.16	264	267980	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	287425	143.92	ng	-0.02
7) Phenol-d6	7.29	99	380702	127.84	ng	-0.02
23) Nitrobenzene-d5	9.31	82	276433	100.48	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	181989	145.89	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	693850	92.31	ng	-0.02
79) Terphenyl-d14	20.11	244	1259966	97.16	ng	-0.02

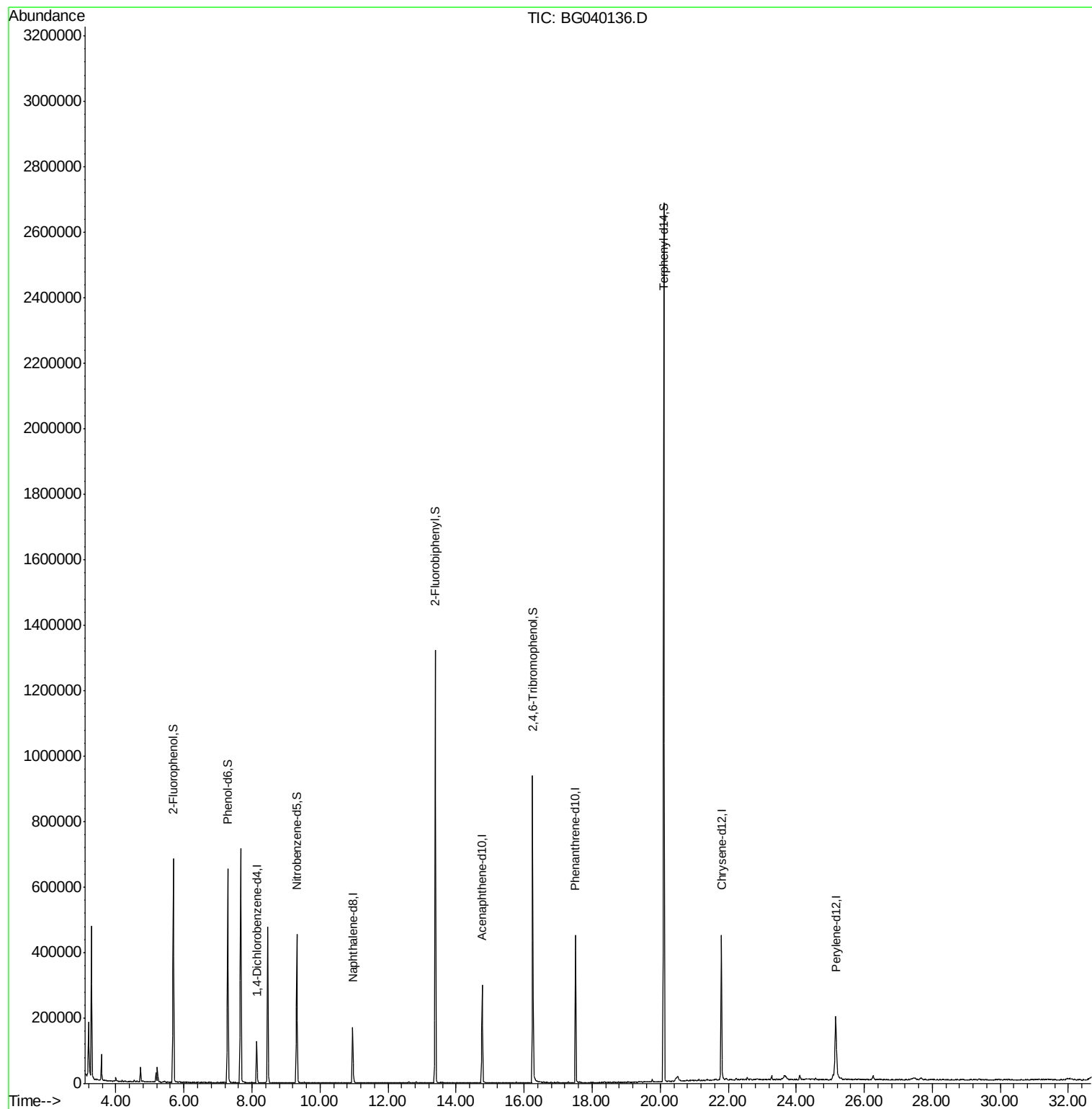
Target Compounds	Qvalue
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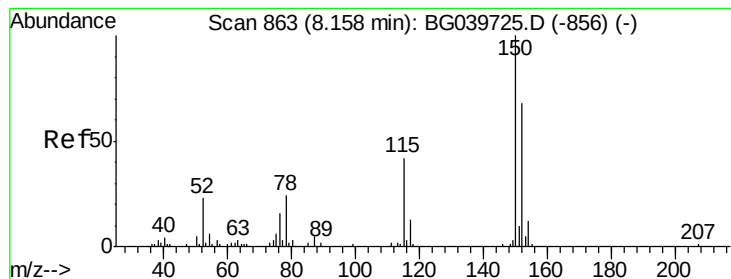
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040136.D

Acq: 26 Mar 2019 4:53

Instrument :

BNA_G

ClientSampleId :

S3B(17-25)COMP

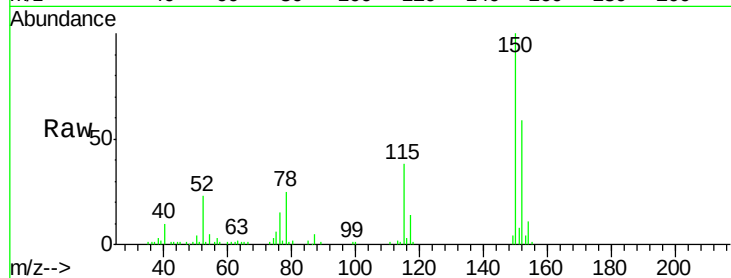
Tgt Ion:152 Resp: 34072

Ion Ratio Lower Upper

152 100

150 169.9 123.7 185.5

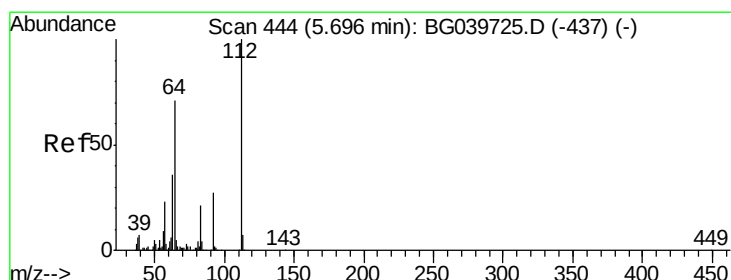
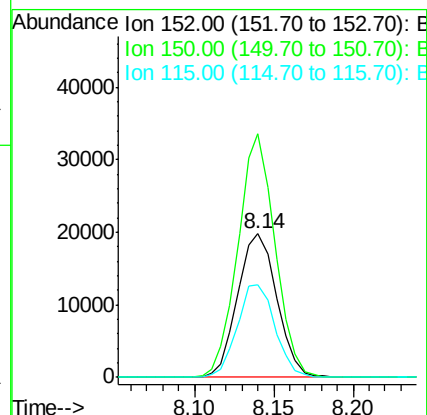
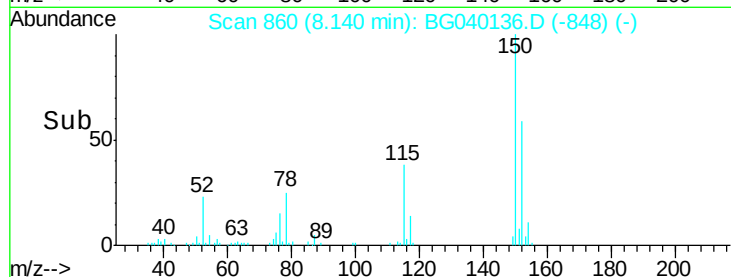
115 64.6 45.9 68.9



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: 143.916 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040136.D

Acq: 26 Mar 2019 4:53

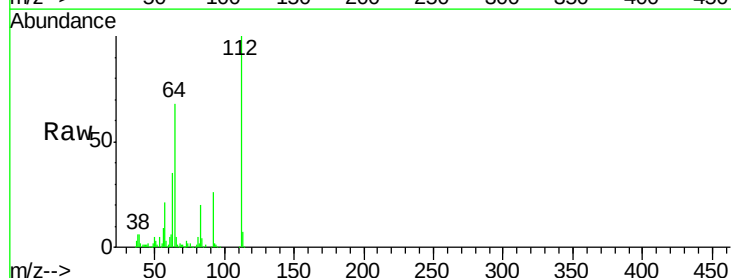
Tgt Ion:112 Resp: 287425

Ion Ratio Lower Upper

112 100

64 68.0 57.8 86.8

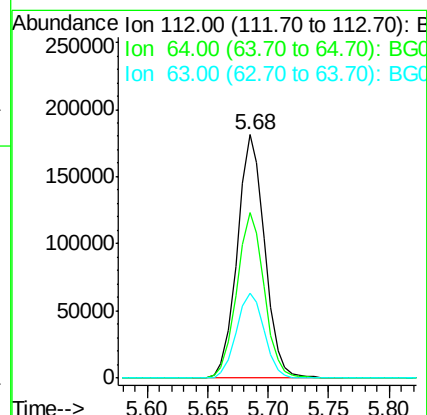
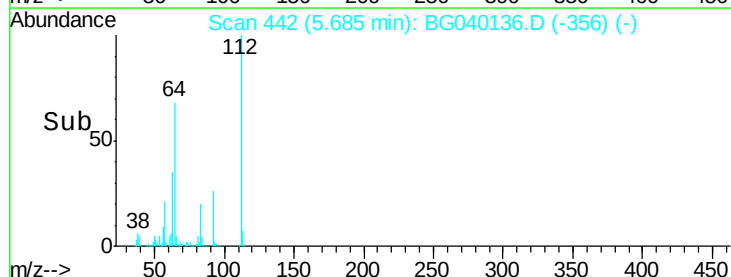
63 35.0 29.8 44.6

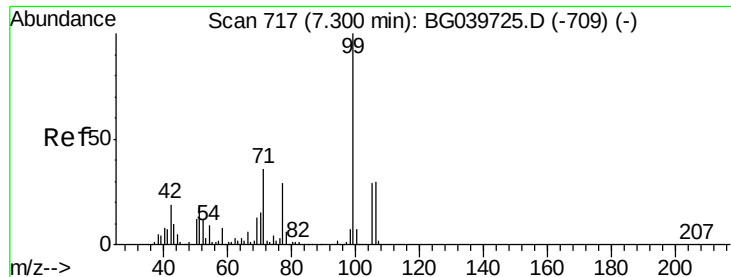


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 127.842 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040136.D

Acq: 26 Mar 2019 4:53

Instrument :

BNA_G

ClientSampleId :

S3B(17-25)COMP

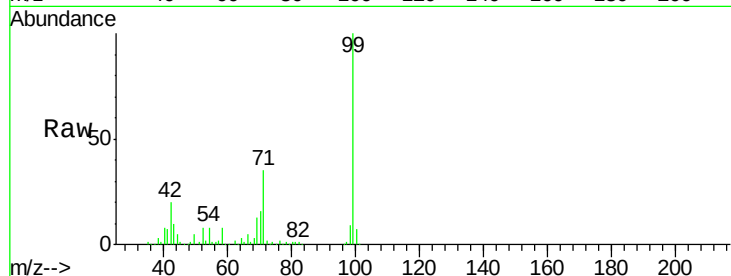
Tgt Ion: 99 Resp: 380702

Ion Ratio Lower Upper

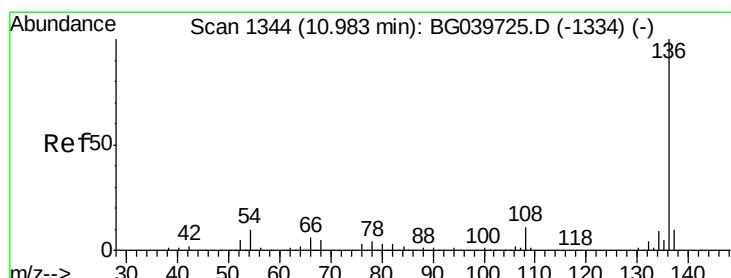
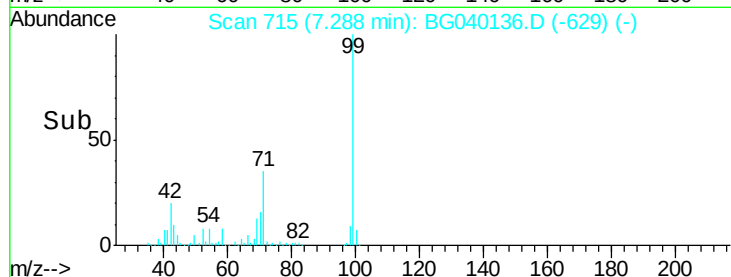
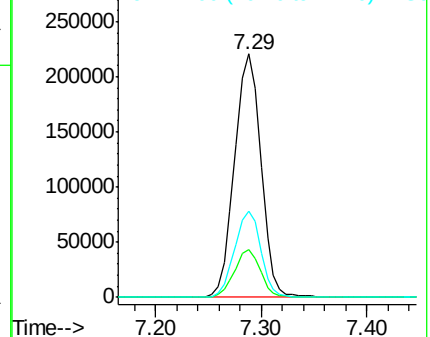
99 100

42 19.6 18.2 27.2

71 35.2 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: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040136.D

Acq: 26 Mar 2019 4:53

Tgt Ion: 136 Resp: 148786

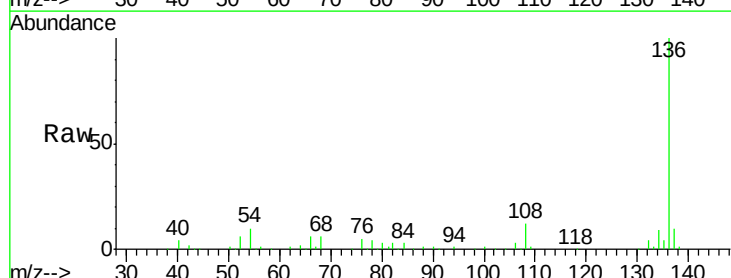
Ion Ratio Lower Upper

136 100

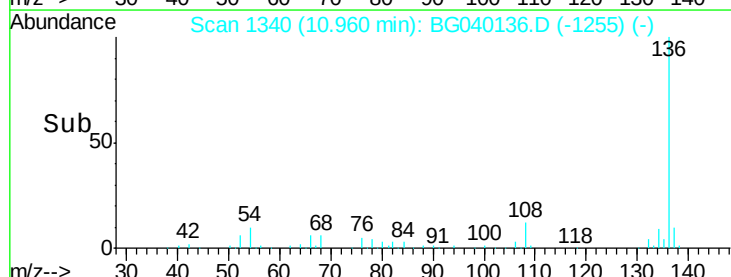
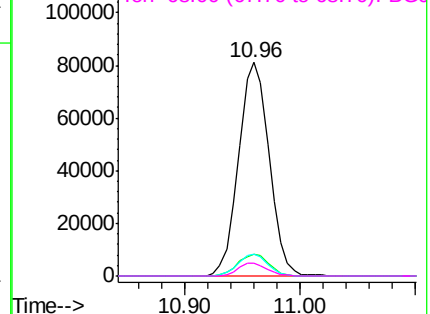
137 9.9 9.1 13.7

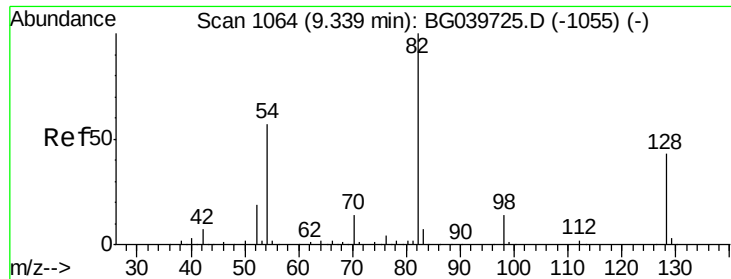
54 9.9 9.4 14.2

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

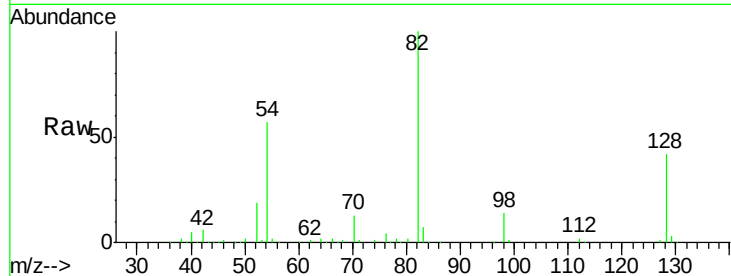




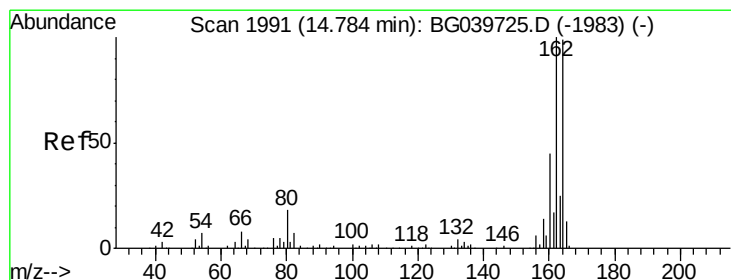
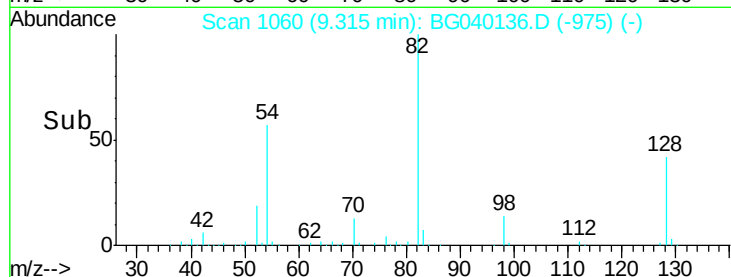
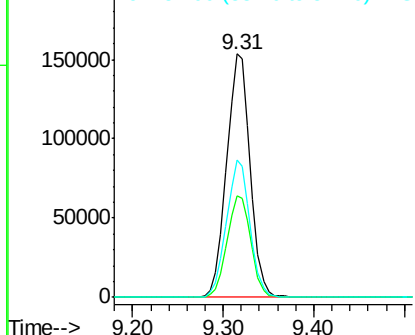
#23
 Nitrobenzene-d5
 Concen: 100.484 ng
 RT: 9.31 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040136.D
 Acq: 26 Mar 2019 4:53

Instrument :
 BNA_G
 ClientSampleId :
 S3B(17-25)COMP

Tgt Ion: 82 Resp: 276433
 Ion Ratio Lower Upper
 82 100
 128 41.9 31.3 46.9
 54 56.5 50.9 76.3

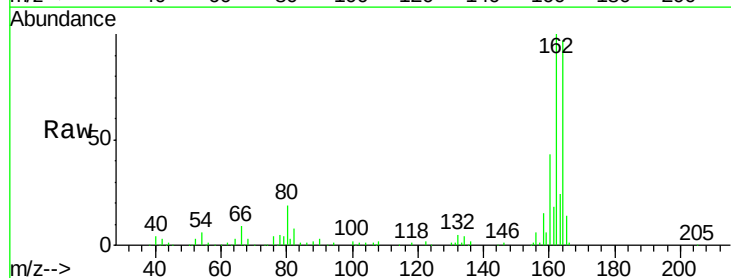


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

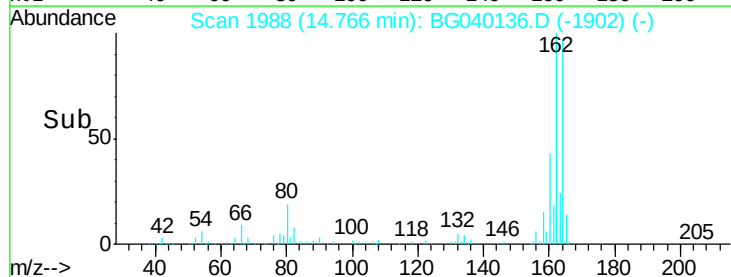
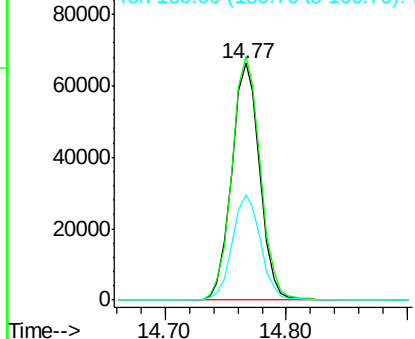


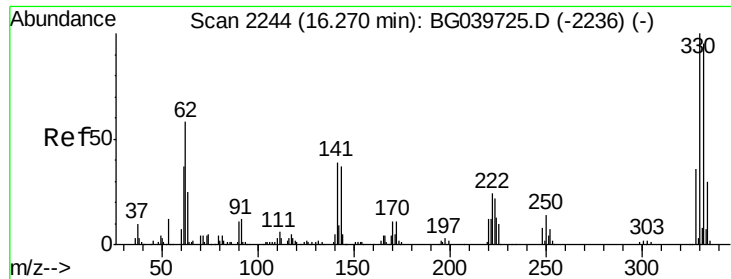
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040136.D
 Acq: 26 Mar 2019 4:53

Tgt Ion: 164 Resp: 107021
 Ion Ratio Lower Upper
 164 100
 162 102.7 81.6 122.4
 160 44.5 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

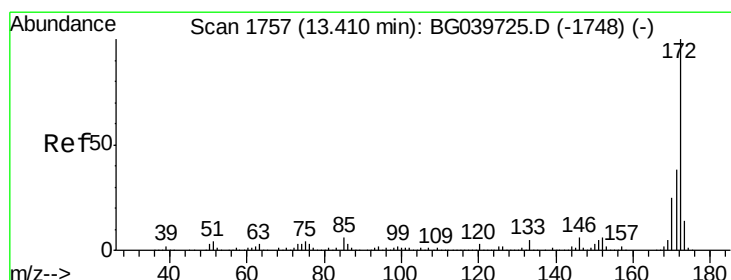
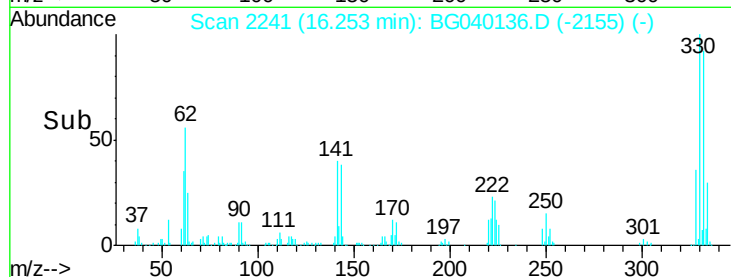
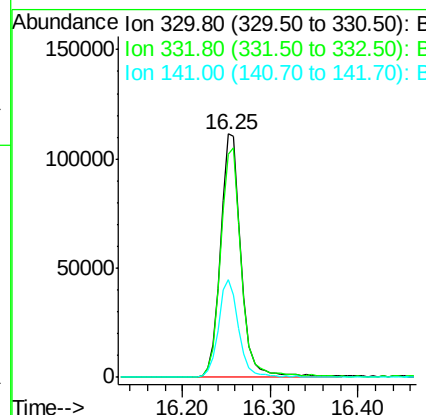
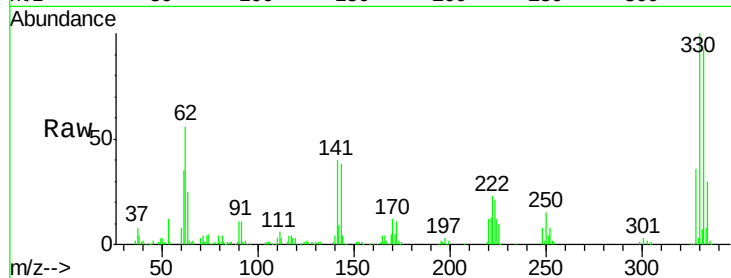




#42
 2,4,6-Tribromophenol
 Concen: 145.894 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040136.D
 Acq: 26 Mar 2019 4:53

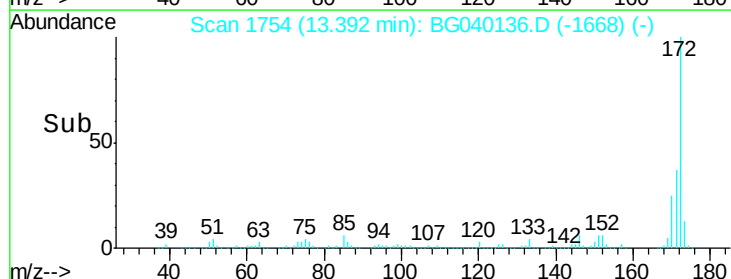
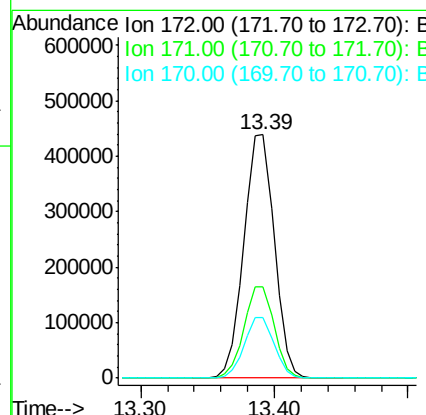
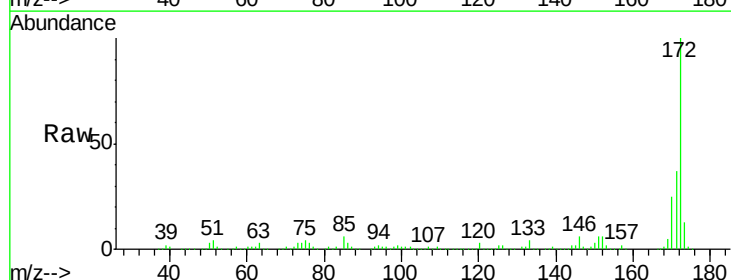
Instrument :
 BNA_G
 ClientSampleId :
 S3B(17-25)COMP

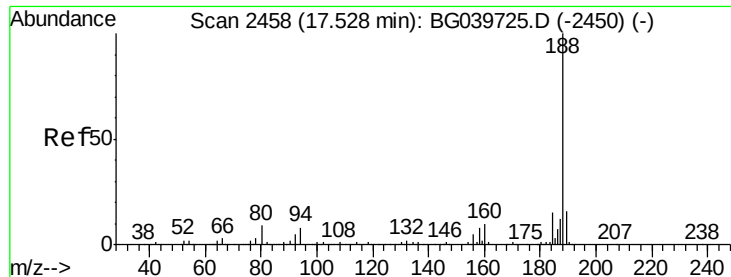
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.1	75.7	113.5
141	39.8	35.6	53.4



#45
 2-Fluorobiphenyl
 Concen: 92.311 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040136.D
 Acq: 26 Mar 2019 4:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	24.8	20.2	30.4

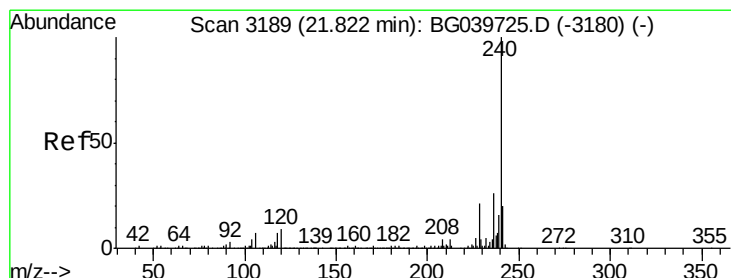
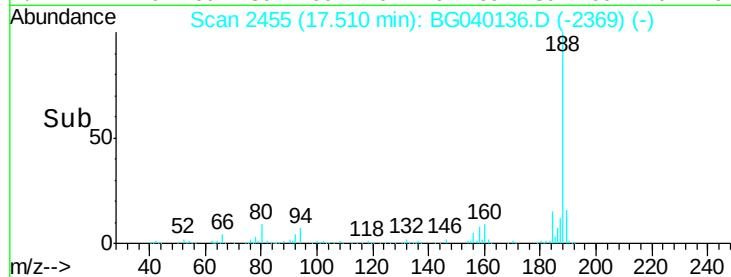
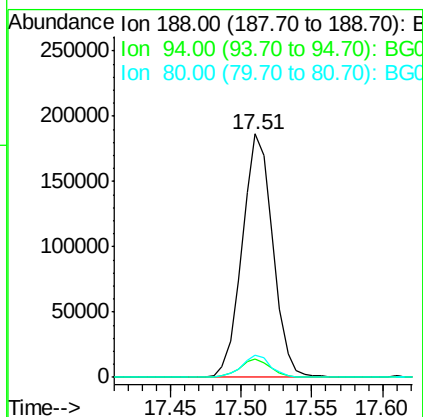
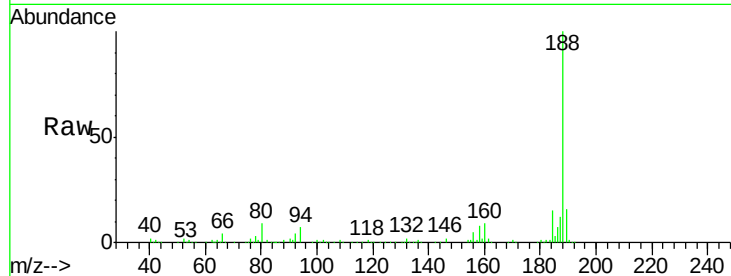




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040136.D
Acq: 26 Mar 2019 4:53

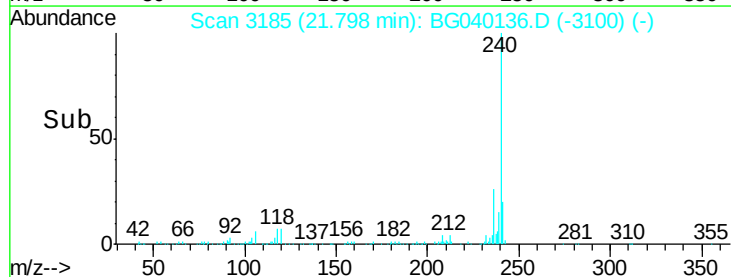
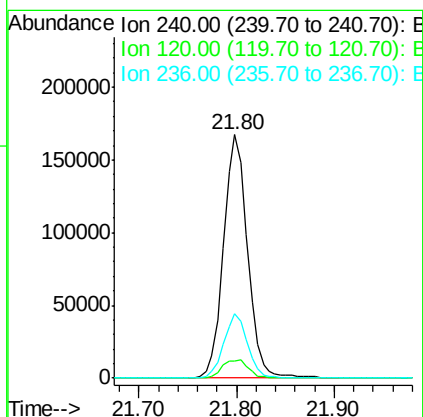
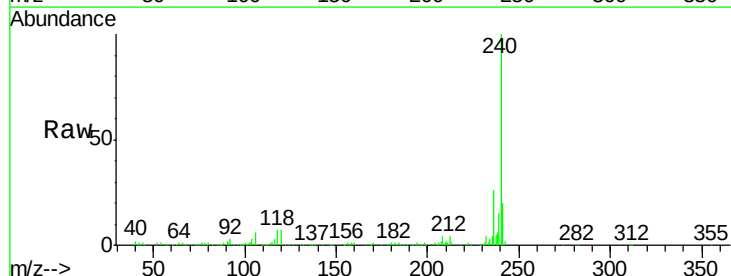
Instrument :
BNA_G
ClientSampleId :
S3B(17-25)COMP

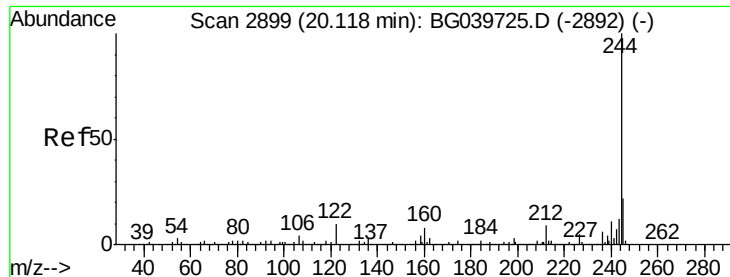
Tgt Ion:188 Resp: 282431
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 9.3 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040136.D
Acq: 26 Mar 2019 4:53

Tgt Ion:240 Resp: 285523
Ion Ratio Lower Upper
240 100
120 7.2 7.0 10.6
236 26.2 21.0 31.4





#79

Terphenyl-d14

Concen: 97.162 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040136.D

Acq: 26 Mar 2019 4:53

Instrument :

BNA_G

ClientSampleId :

S3B(17-25)COMP

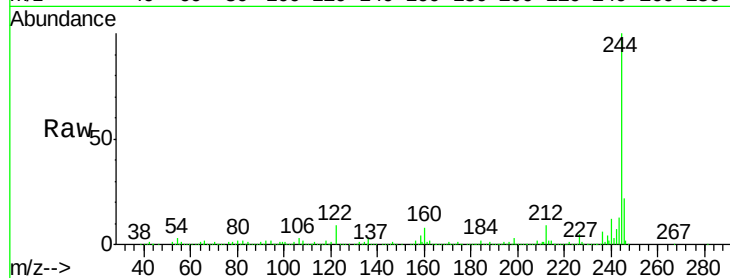
Tgt Ion:244 Resp: 1259966

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

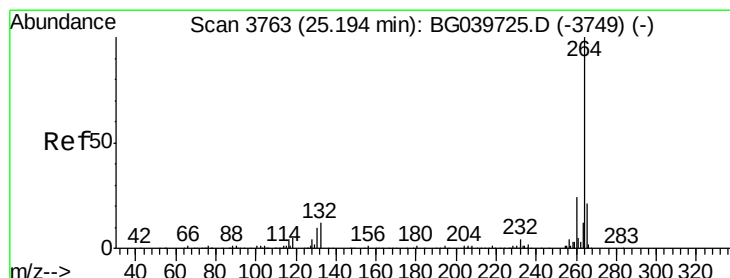
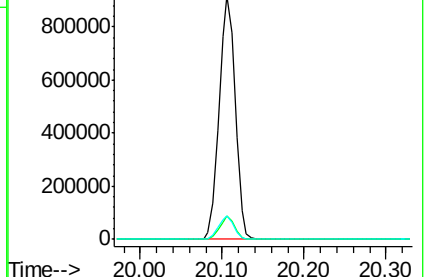
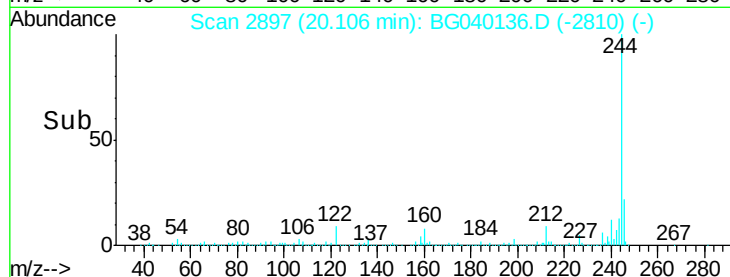
122 9.5 8.4 12.6



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: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040136.D

Acq: 26 Mar 2019 4:53

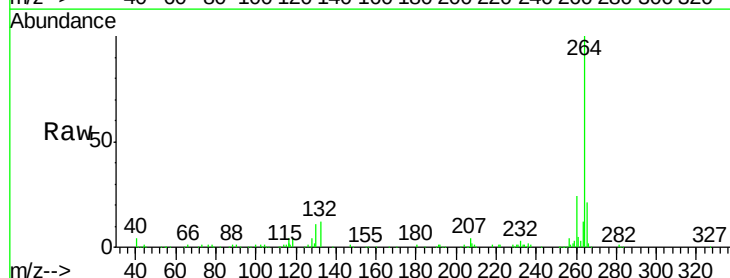
Tgt Ion:264 Resp: 267980

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 20.7 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

