

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040140.D
 Acq On : 26 Mar 2019 7:32
 Operator : JU/SJ
 Sample : K2050-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-3

Quant Time: Mar 26 09:04:02 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	33503	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	146366	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	107268	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	277411	20.00	ng	-0.03
76) Chrysene-d12	21.80	240	283312	20.00	ng	-0.03
87) Perylene-d12	25.16	264	268330	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	254178	129.43	ng	-0.03
7) Phenol-d6	7.29	99	340512	116.29	ng	-0.03
23) Nitrobenzene-d5	9.31	82	243117	89.83	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	144725	115.75	ng	-0.03
45) 2-Fluorobiphenyl	13.39	172	598502	79.44	ng	-0.03
79) Terphenyl-d14	20.11	244	1104244	85.82	ng	-0.02

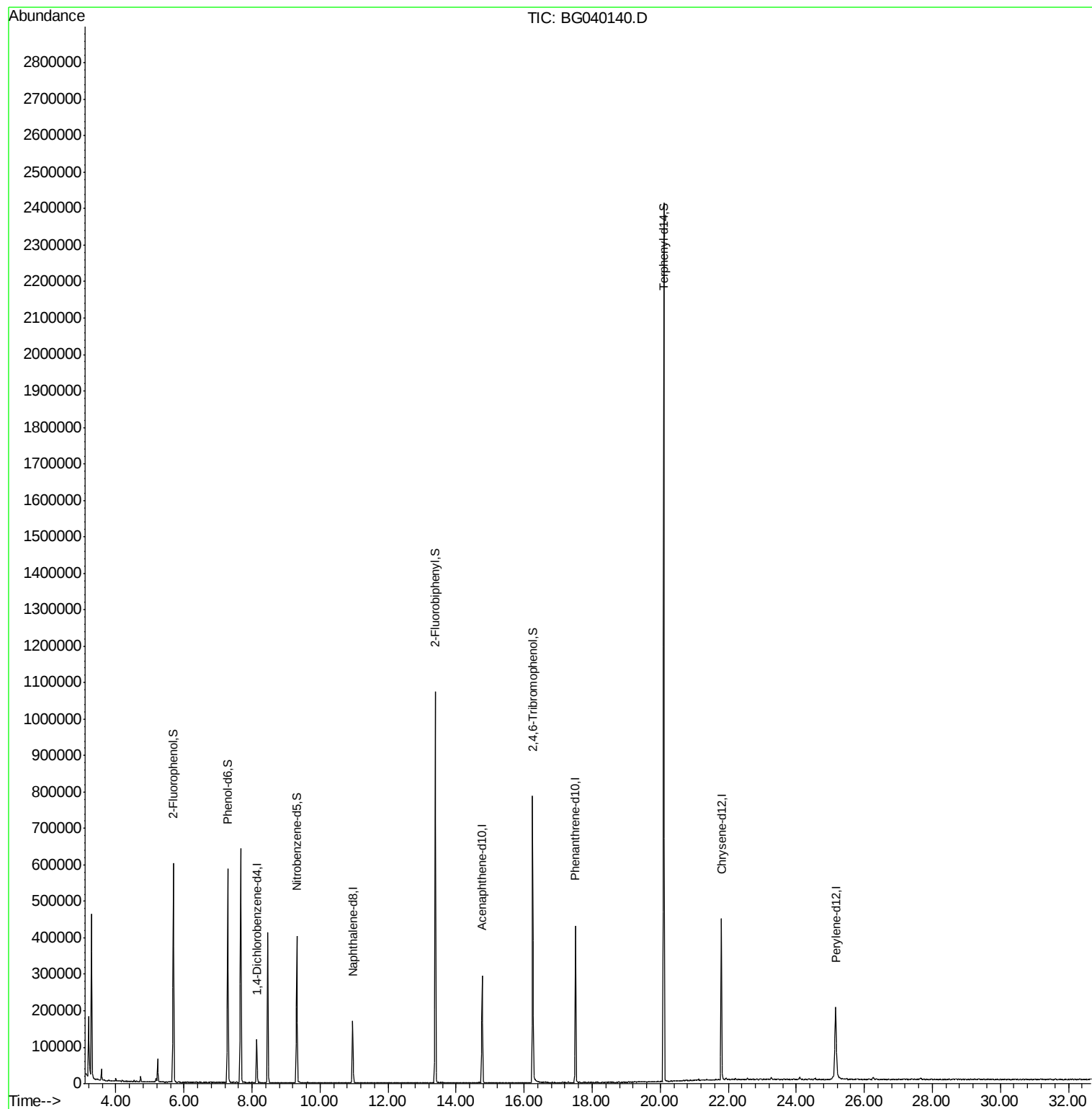
Target Compounds	Qvalue
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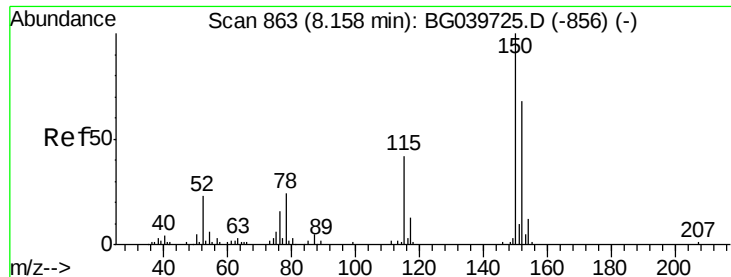
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG040140.D

Acq: 26 Mar 2019 7:32

Instrument :

BNA_G

ClientSampleId :

CS-3

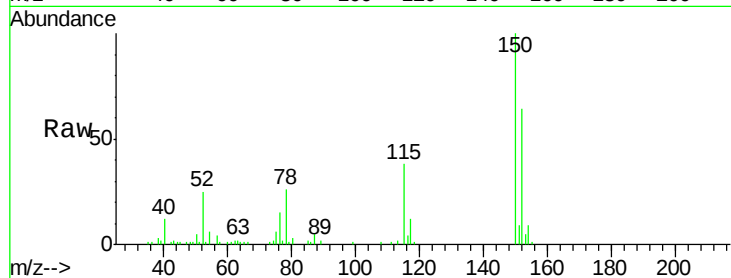
Tgt Ion:152 Resp: 33503

Ion Ratio Lower Upper

152 100

150 157.3 123.7 185.5

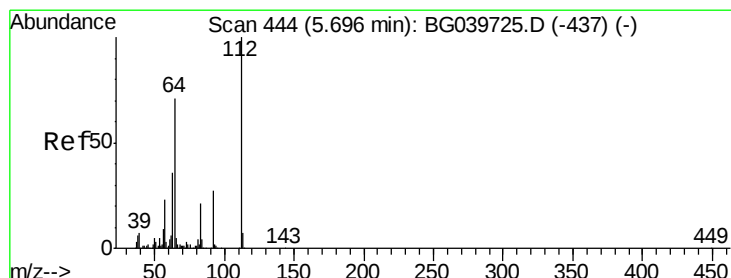
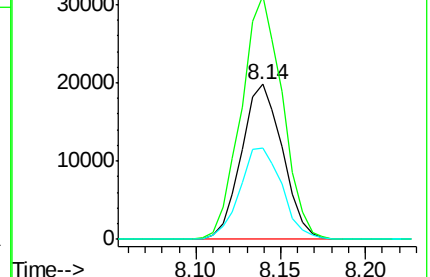
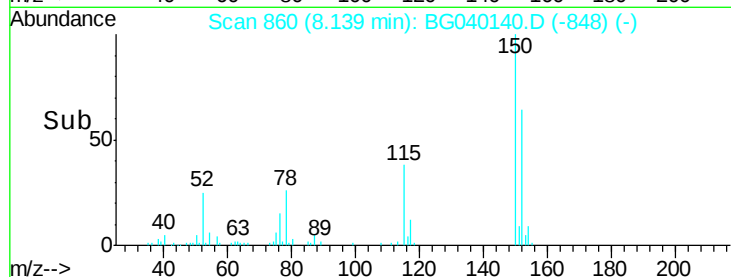
115 59.0 45.9 68.9



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: 129.430 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.03 min

Lab File: BG040140.D

Acq: 26 Mar 2019 7:32

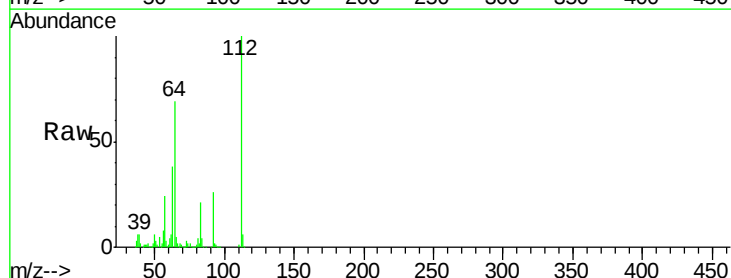
Tgt Ion:112 Resp: 254178

Ion Ratio Lower Upper

112 100

64 69.0 57.8 86.8

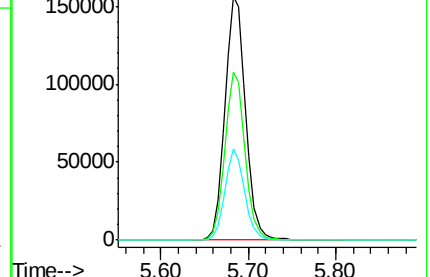
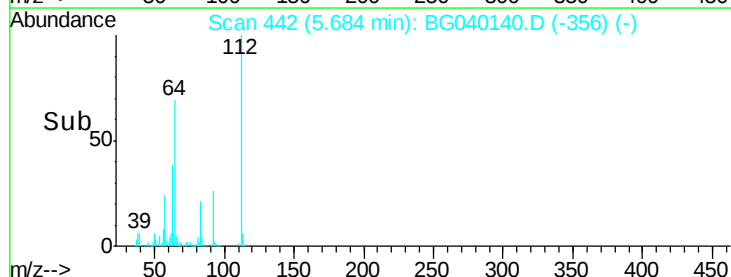
63 37.6 29.8 44.6

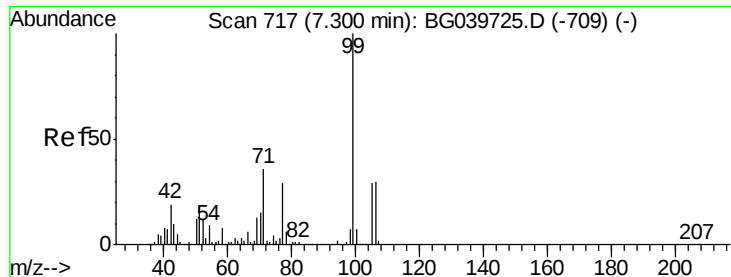


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.288 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.03 min

Lab File: BG040140.D

Acq: 26 Mar 2019 7:32

Instrument :

BNA_G

ClientSampleId :

CS-3

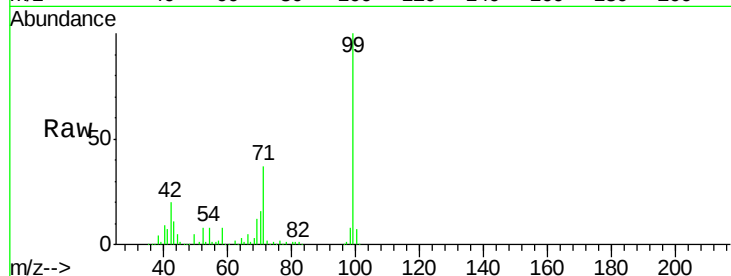
Tgt Ion: 99 Resp: 340512

Ion Ratio Lower Upper

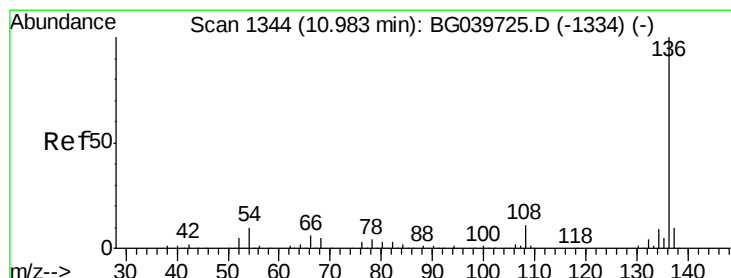
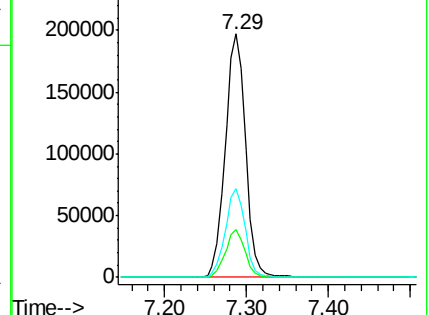
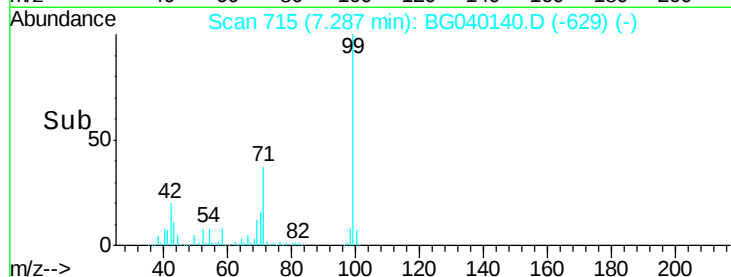
99 100

42 19.7 18.2 27.2

71 36.5 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: BG040140.D

Acq: 26 Mar 2019 7:32

Tgt Ion: 136 Resp: 146366

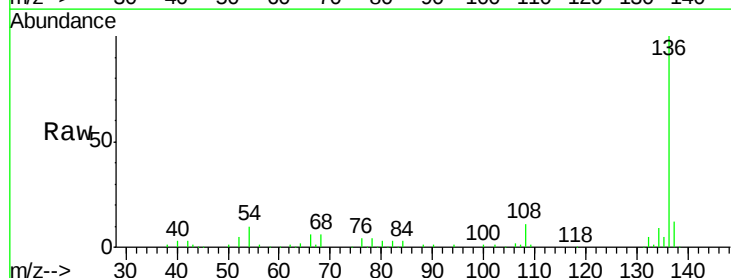
Ion Ratio Lower Upper

136 100

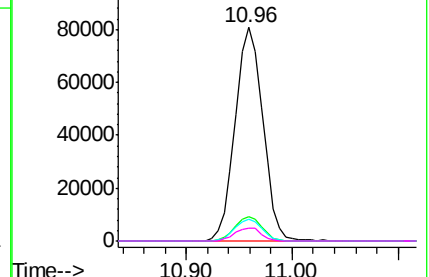
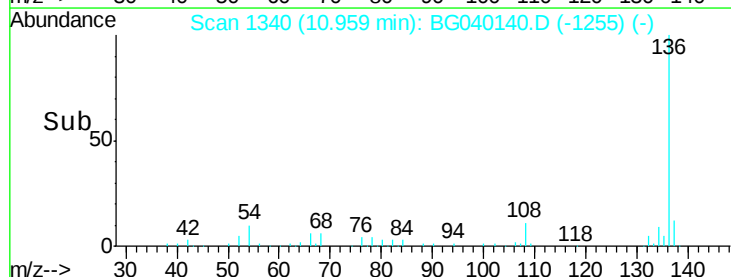
137 11.6 9.1 13.7

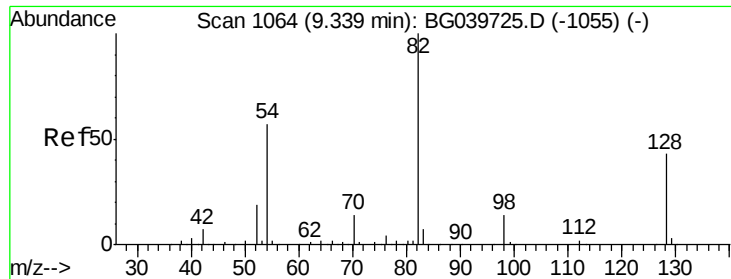
54 10.1 9.4 14.2

68 6.1 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

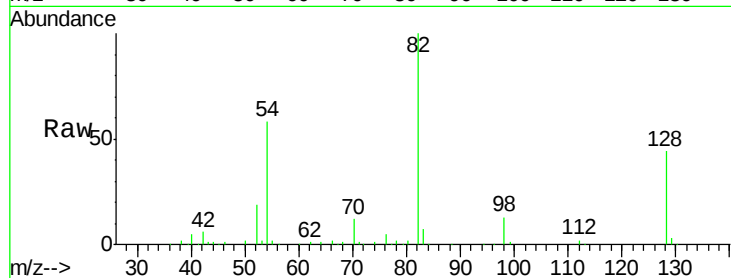




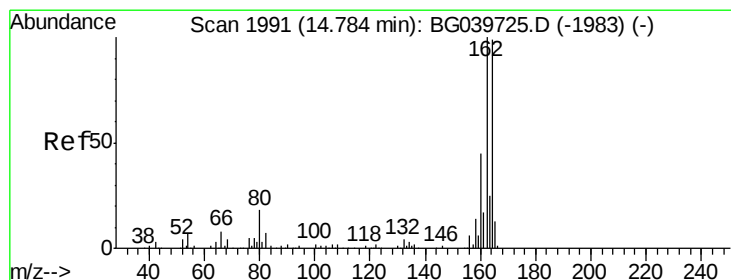
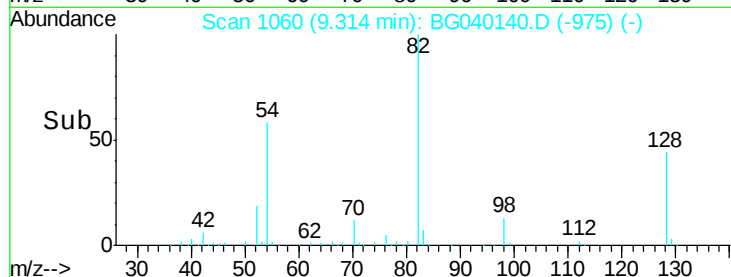
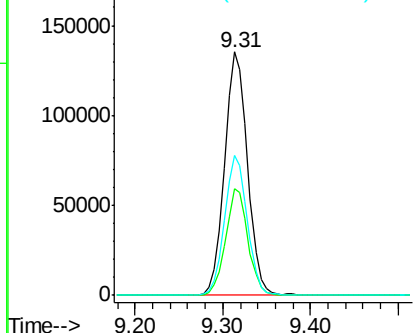
#23
 Nitrobenzene-d5
 Concen: 89.835 ng
 RT: 9.31 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040140.D
 Acq: 26 Mar 2019 7:32

Instrument :
 BNA_G
 ClientSampleId :
 CS-3

Tgt Ion: 82 Resp: 243117
 Ion Ratio Lower Upper
 82 100
 128 43.6 31.3 46.9
 54 57.6 50.9 76.3

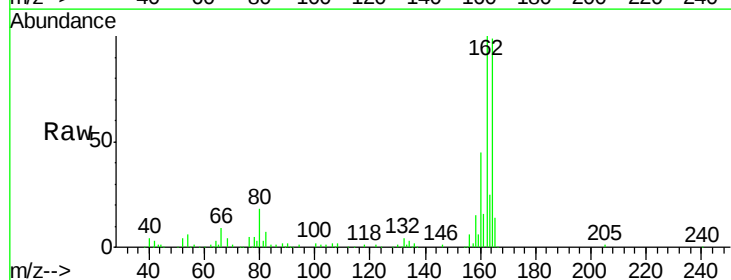


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

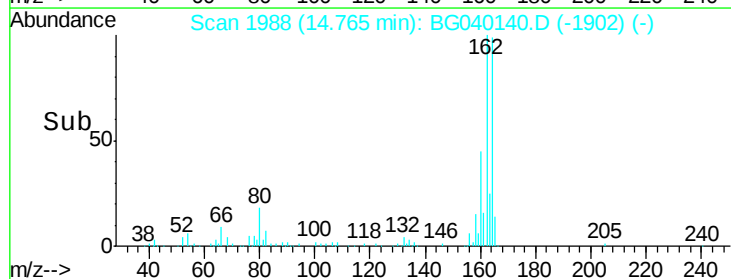
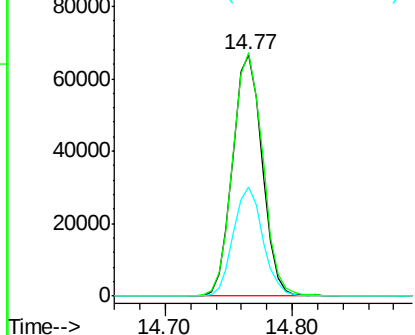


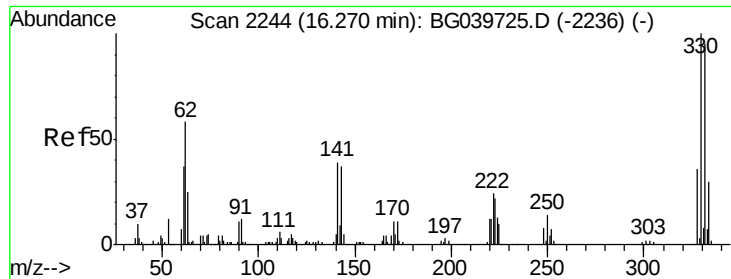
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.03 min
 Lab File: BG040140.D
 Acq: 26 Mar 2019 7:32

Tgt Ion: 164 Resp: 107268
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.6 122.4
 160 45.2 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

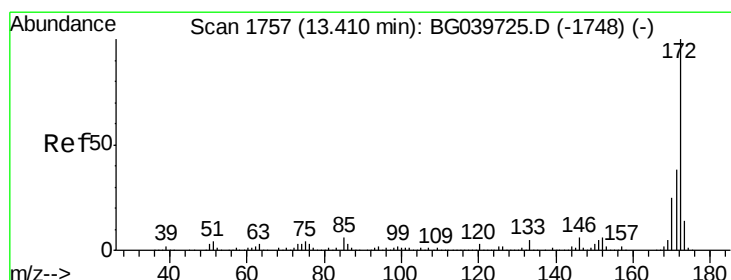
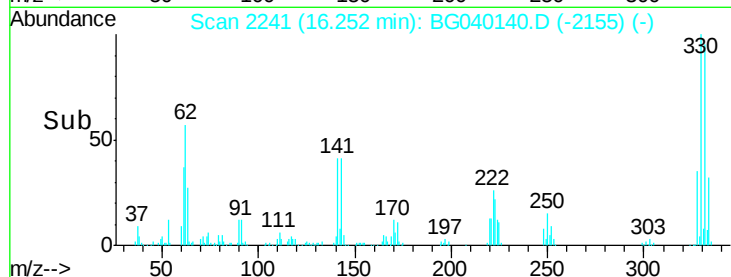
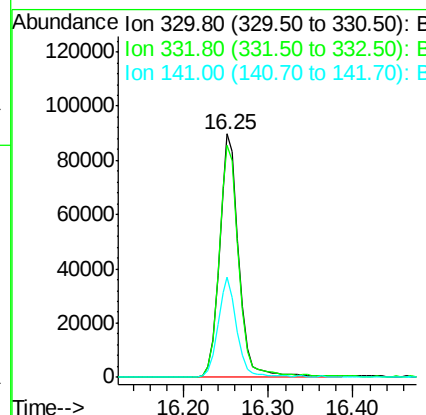
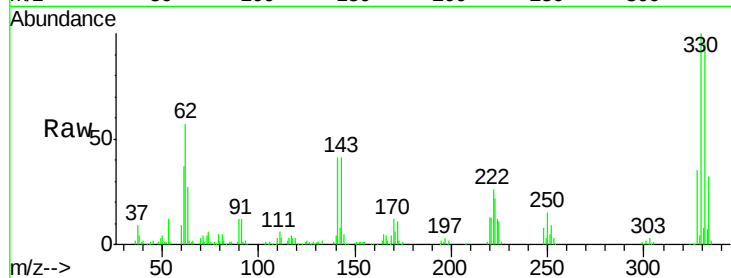




#42
 2,4,6-Tribromophenol
 Concen: 115.753 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.03 min
 Lab File: BG040140.D
 Acq: 26 Mar 2019 7:32

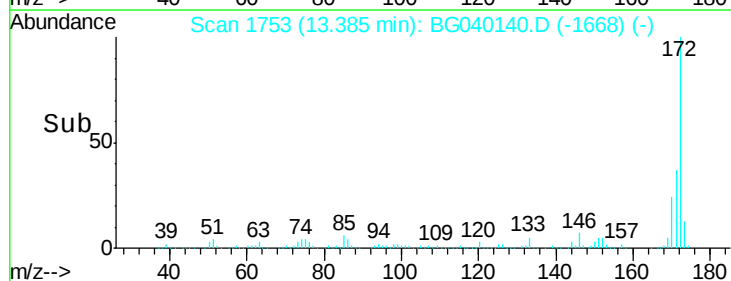
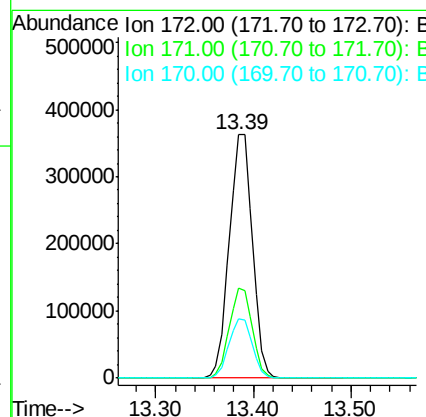
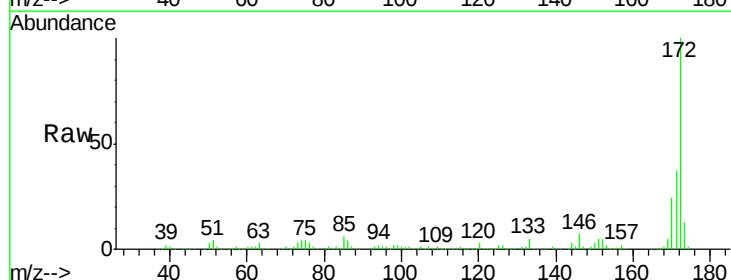
Instrument :
 BNA_G
 ClientSampled :
 CS-3

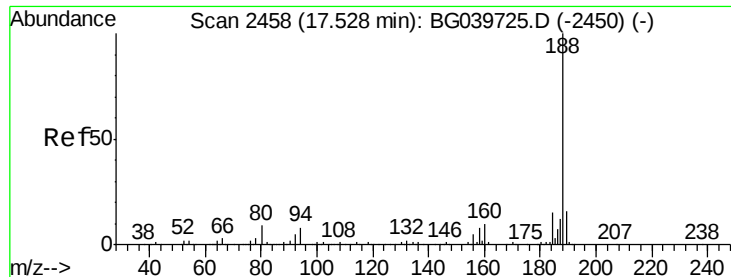
Tgt Ion:330 Resp: 144725
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.7 113.5
 141 40.0 35.6 53.4



#45
 2-Fluorobiphenyl
 Concen: 79.443 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040140.D
 Acq: 26 Mar 2019 7:32

Tgt Ion:172 Resp: 598502
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 24.2 20.2 30.4

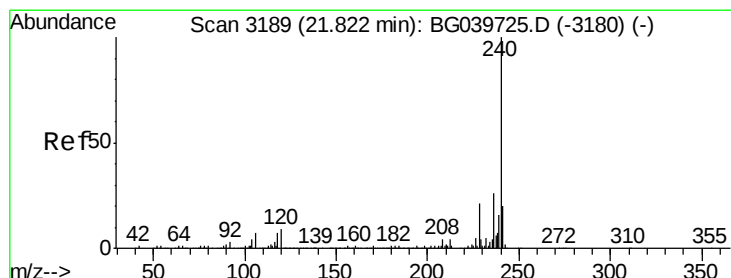
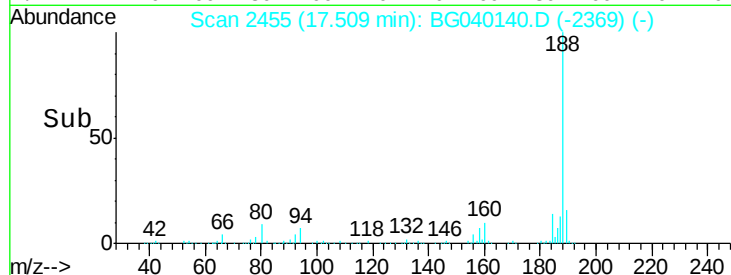
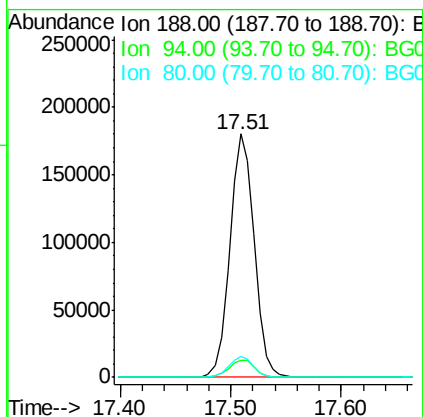
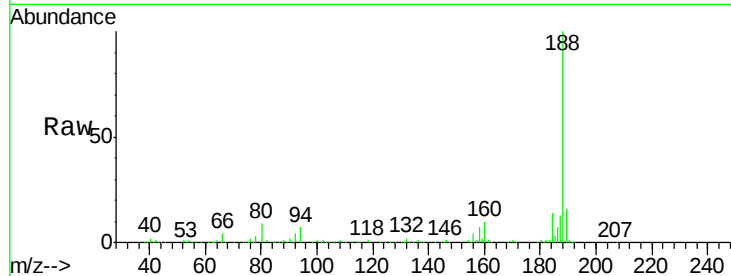




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.03 min
Lab File: BG040140.D
Acq: 26 Mar 2019 7:32

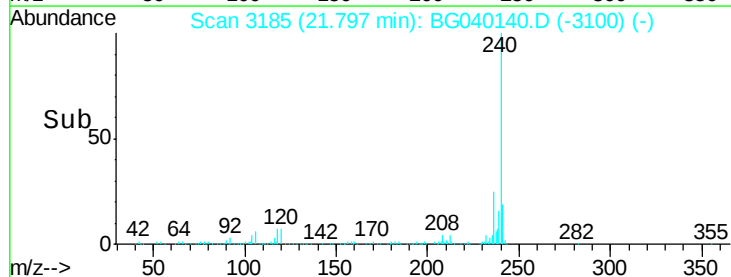
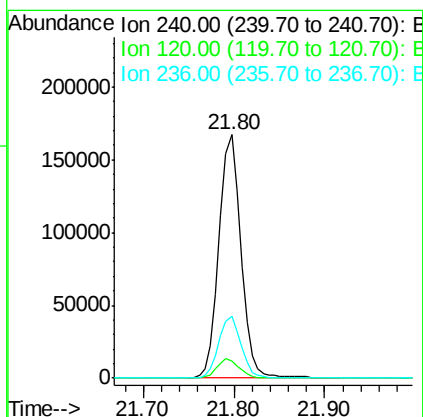
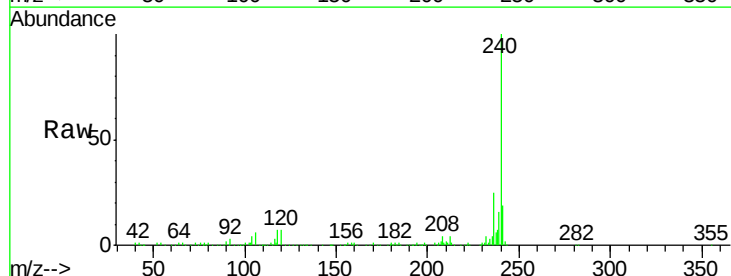
Instrument :
BNA_G
ClientSampled :
CS-3

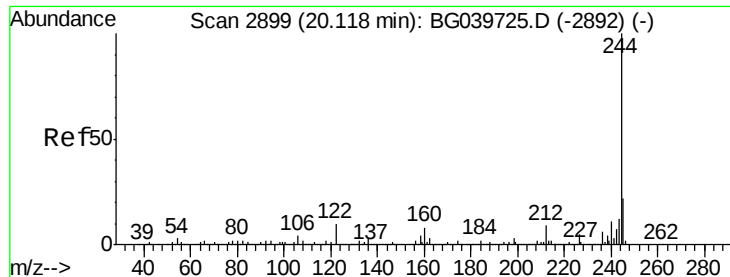
Tgt Ion:188 Resp: 277411
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 8.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040140.D
Acq: 26 Mar 2019 7:32

Tgt Ion:240 Resp: 283312
Ion Ratio Lower Upper
240 100
120 7.2 7.0 10.6
236 25.5 21.0 31.4





#79

Terphenyl-d14

Concen: 85.818 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040140.D

Acq: 26 Mar 2019 7:32

Instrument :

BNA_G

ClientSampleId :

CS-3

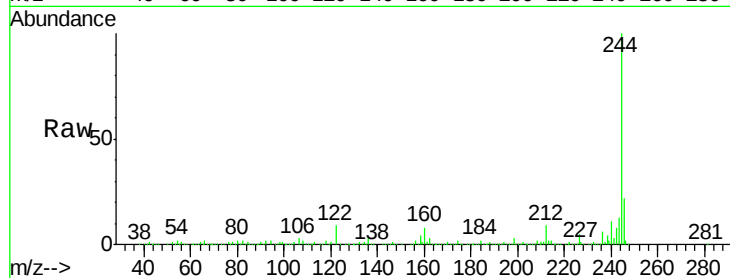
Tgt Ion:244 Resp: 1104244

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

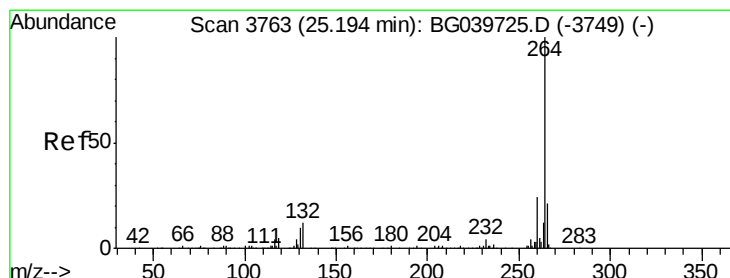
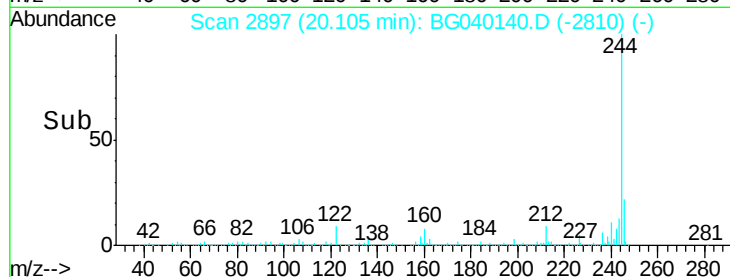
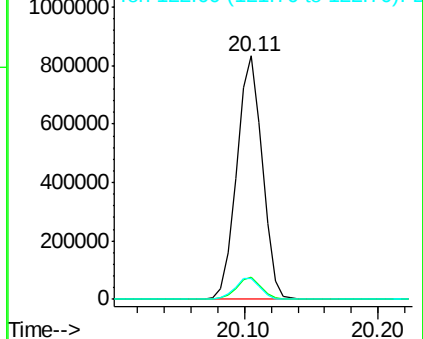
122 8.7 8.4 12.6



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: BG040140.D

Acq: 26 Mar 2019 7:32

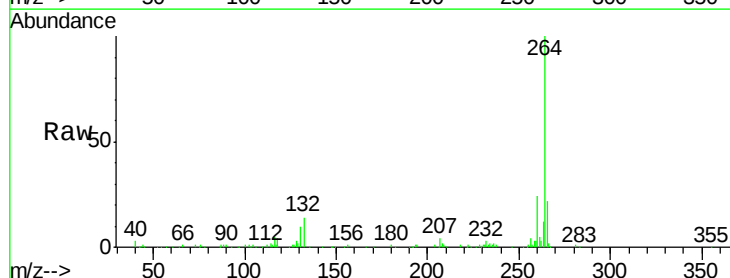
Tgt Ion:264 Resp: 268330

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 21.9 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

