

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040141.D
 Acq On : 26 Mar 2019 8:12
 Operator : JU/SJ
 Sample : K2050-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-2

Quant Time: Mar 26 09:04:52 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	37179	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	162685	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	119097	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	302183	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	311663	20.00	ng	-0.04
87) Perylene-d12	25.15	264	288352	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	277972	127.55	ng	-0.02
7) Phenol-d6	7.29	99	367914	113.22	ng	-0.02
23) Nitrobenzene-d5	9.32	82	264702	88.00	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	163788	117.99	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	639185	76.42	ng	-0.03
79) Terphenyl-d14	20.11	244	1206016	85.20	ng	-0.02

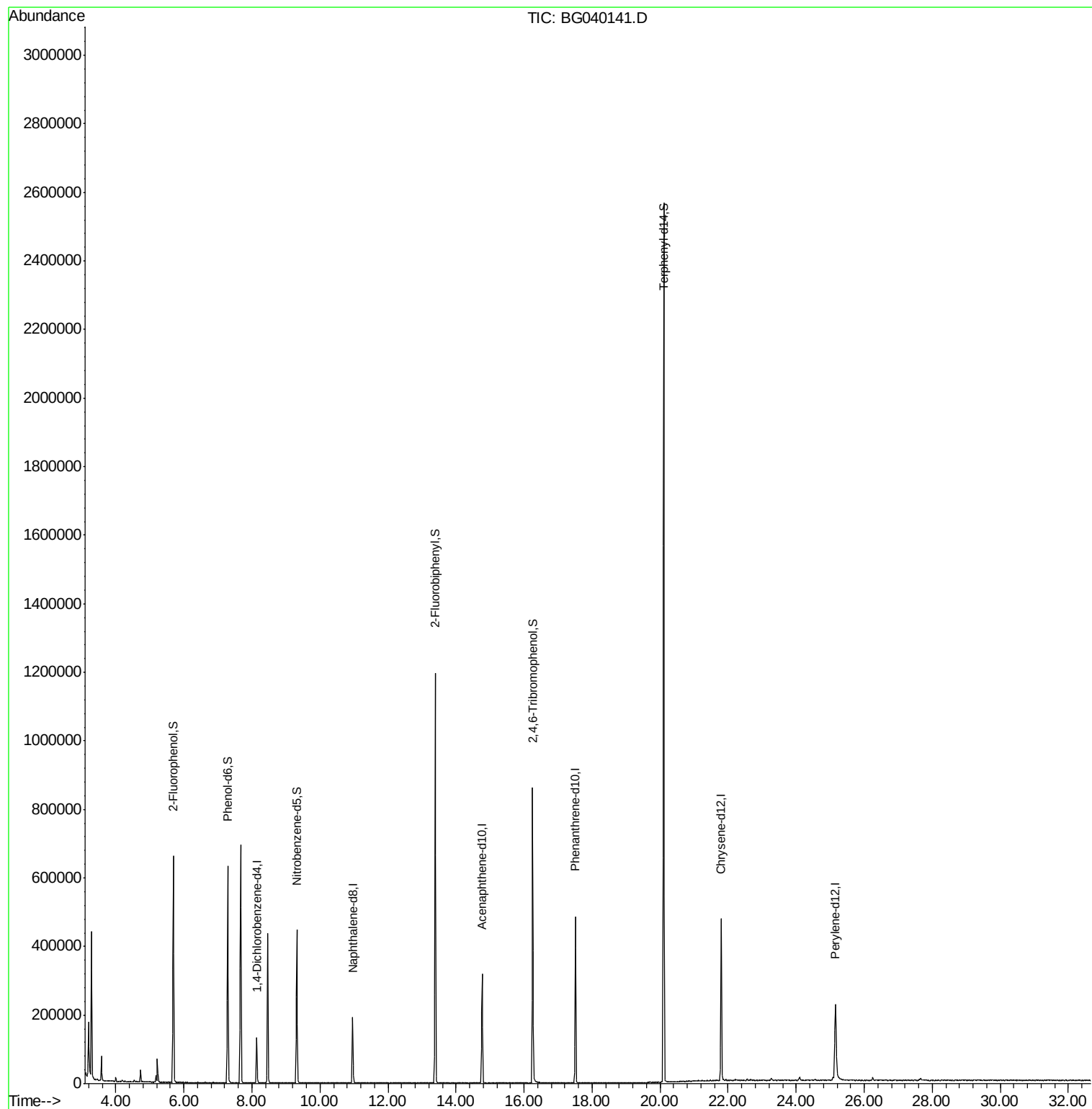
Target Compounds	Qvalue
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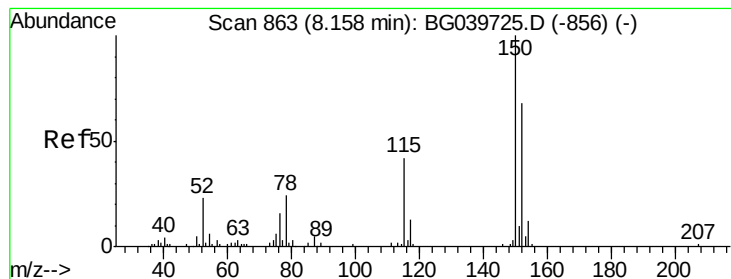
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG040141.D

Acq: 26 Mar 2019 8:12

Instrument :

BNA_G

ClientSampleId :

CS-2

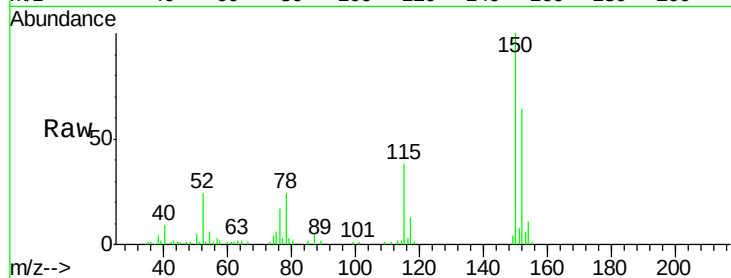
Tgt Ion:152 Resp: 37179

Ion Ratio Lower Upper

152 100

150 155.3 123.7 185.5

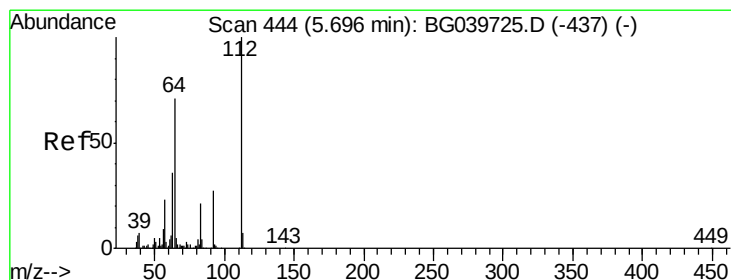
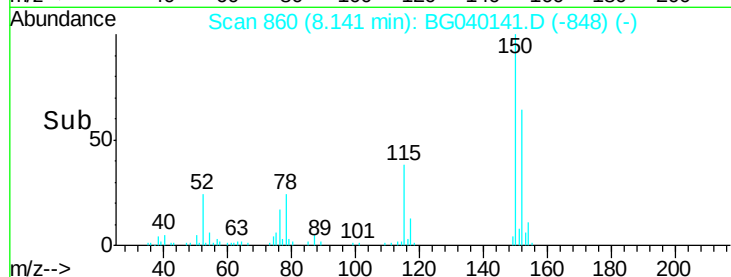
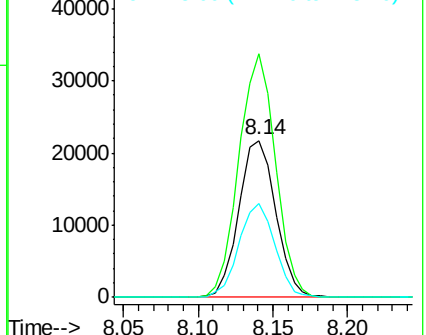
115 59.7 45.9 68.9



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: 127.551 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040141.D

Acq: 26 Mar 2019 8:12

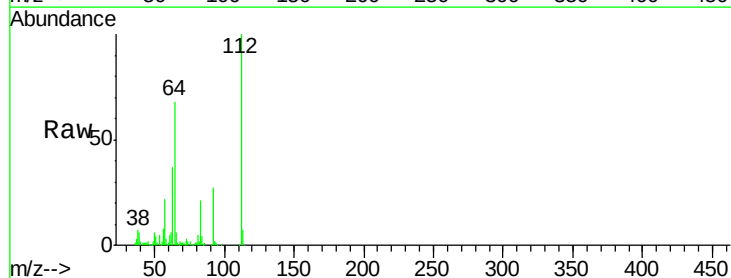
Tgt Ion:112 Resp: 277972

Ion Ratio Lower Upper

112 100

64 67.6 57.8 86.8

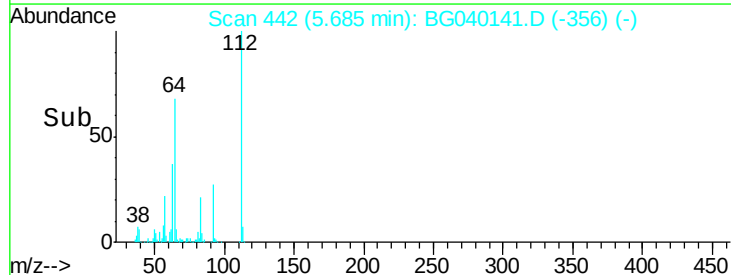
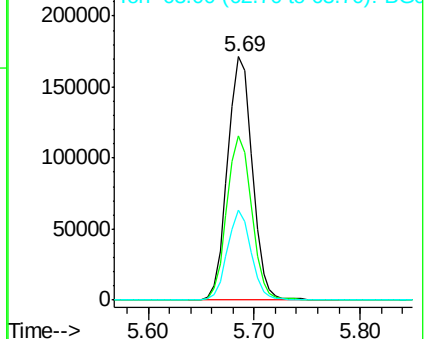
63 36.7 29.8 44.6

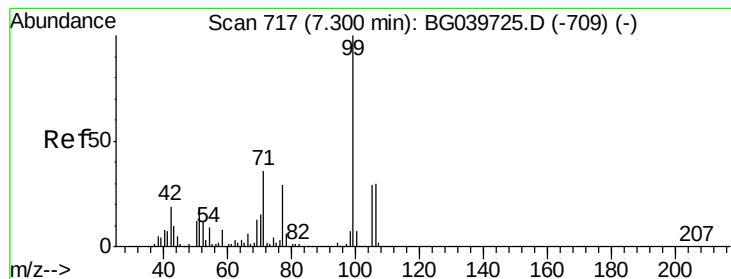


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.223 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040141.D

Acq: 26 Mar 2019 8:12

Instrument :

BNA_G

ClientSampleId :

CS-2

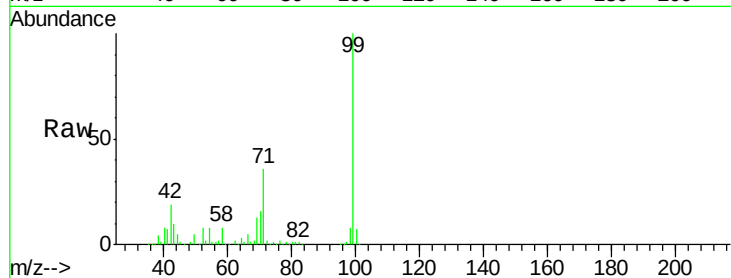
Tgt Ion: 99 Resp: 367914

Ion Ratio Lower Upper

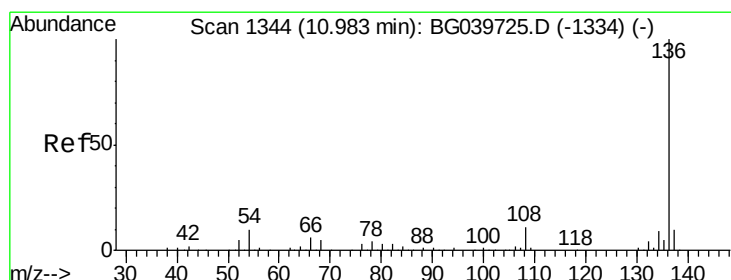
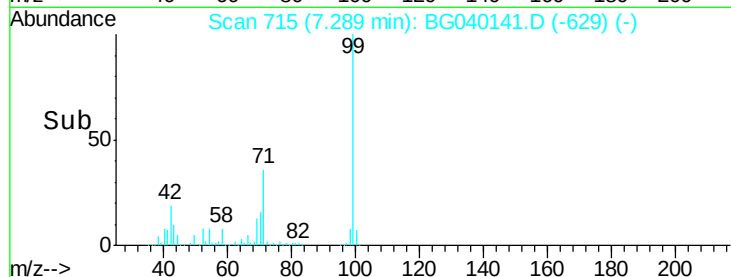
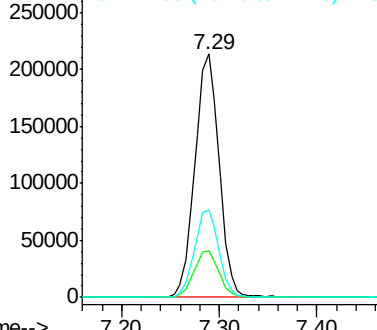
99 100

42 19.2 18.2 27.2

71 35.7 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: BG040141.D

Acq: 26 Mar 2019 8:12

Tgt Ion: 136 Resp: 162685

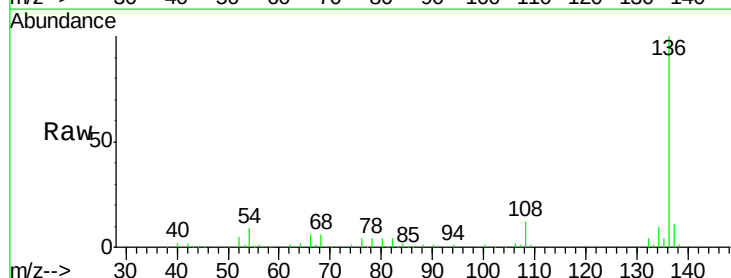
Ion Ratio Lower Upper

136 100

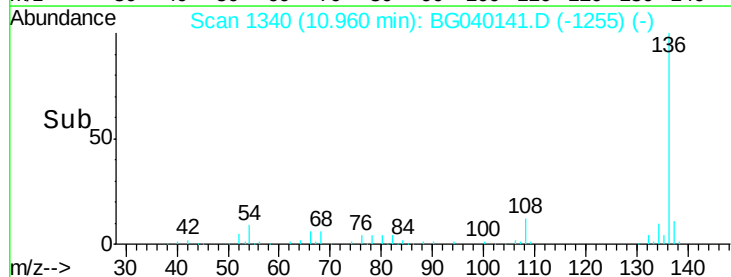
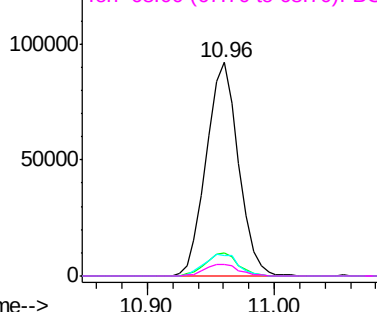
137 11.0 9.1 13.7

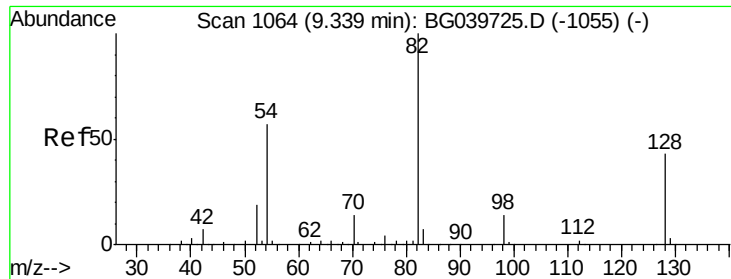
54 9.5 9.4 14.2

68 5.6 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

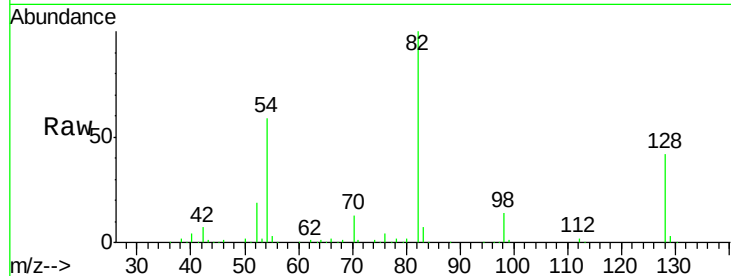




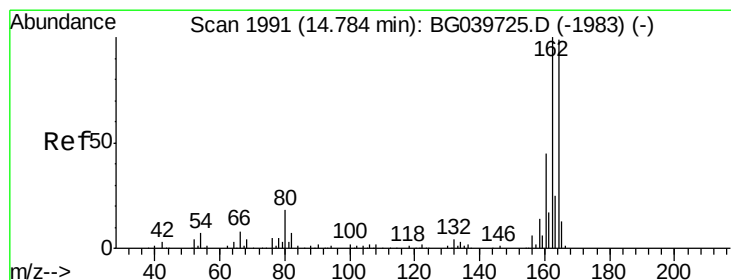
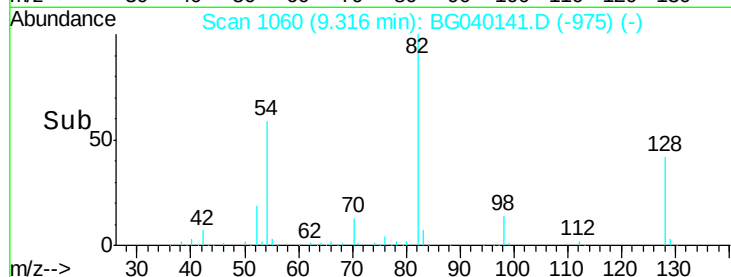
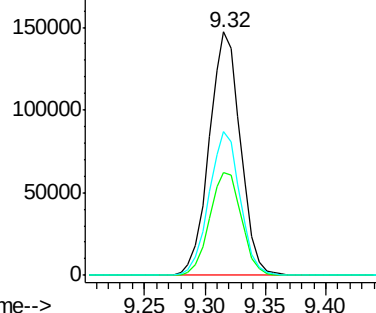
#23
 Nitrobenzene-d5
 Concen: 87.999 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040141.D
 Acq: 26 Mar 2019 8:12

Instrument :
 BNA_G
 ClientSampleId :
 CS-2

Tgt Ion: 82 Resp: 264702
 Ion Ratio Lower Upper
 82 100
 128 42.4 31.3 46.9
 54 58.9 50.9 76.3

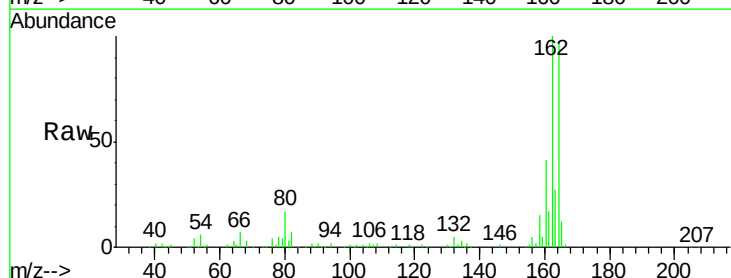


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

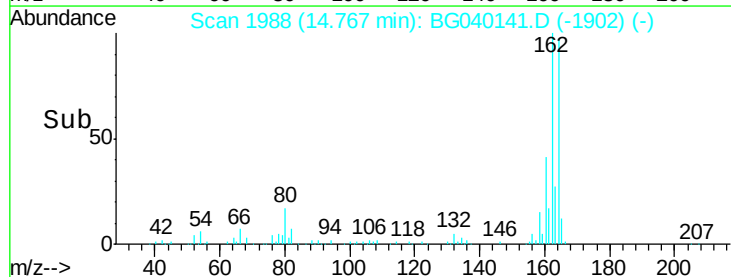
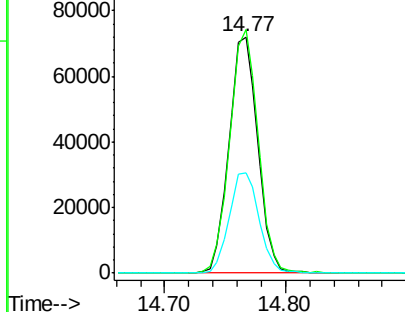


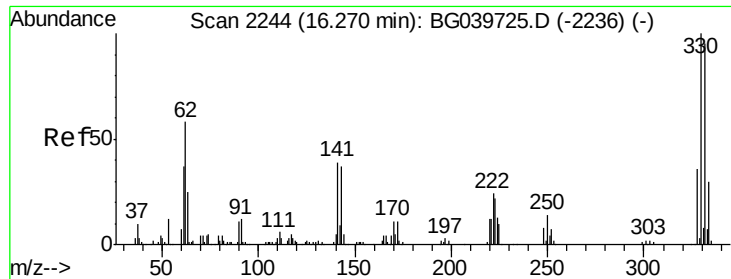
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040141.D
 Acq: 26 Mar 2019 8:12

Tgt Ion: 164 Resp: 119097
 Ion Ratio Lower Upper
 164 100
 162 102.9 81.6 122.4
 160 42.5 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

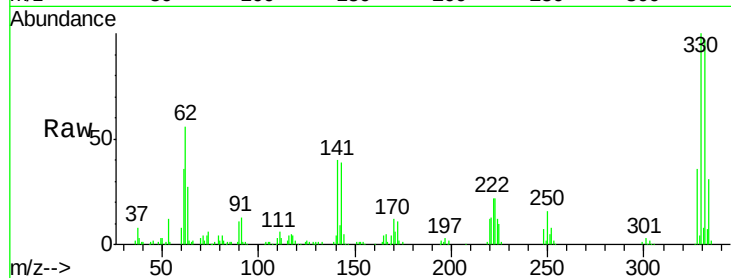




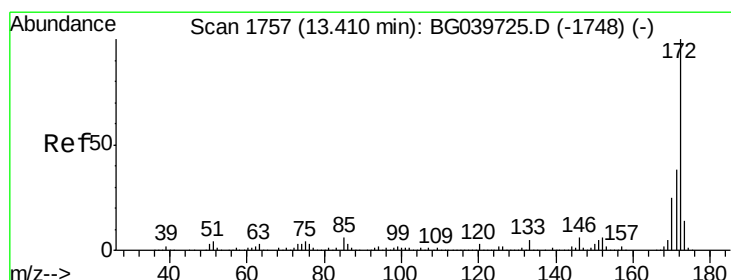
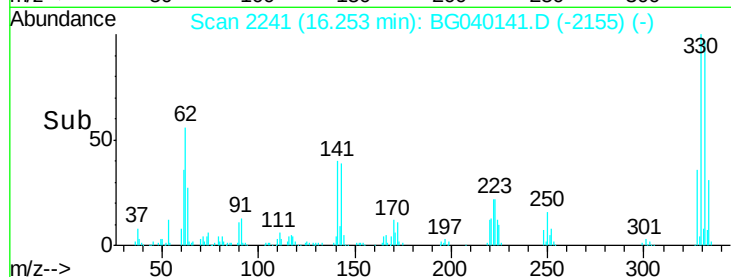
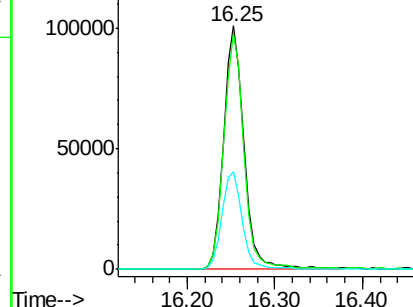
#42
 2,4,6-Tribromophenol
 Concen: 117.989 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040141.D
 Acq: 26 Mar 2019 8:12

Instrument :
 BNA_G
 ClientSampleId :
 CS-2

Tgt Ion: 330 Resp: 163788
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.7 113.5
 141 40.1 35.6 53.4

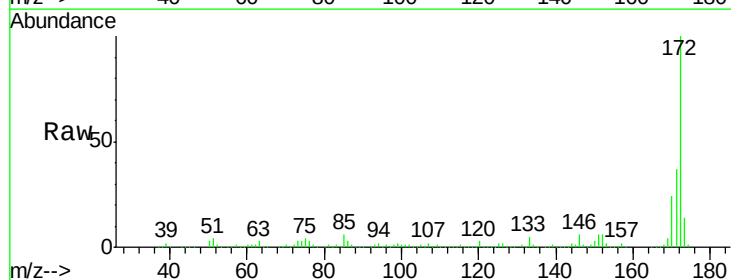


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

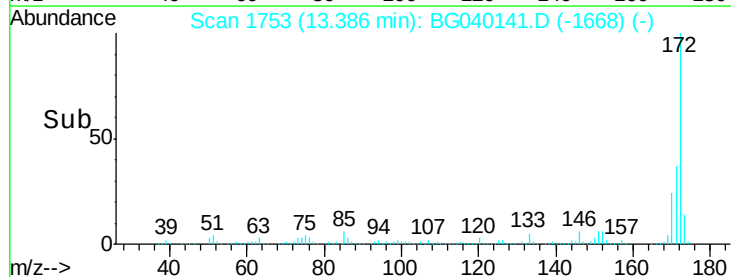
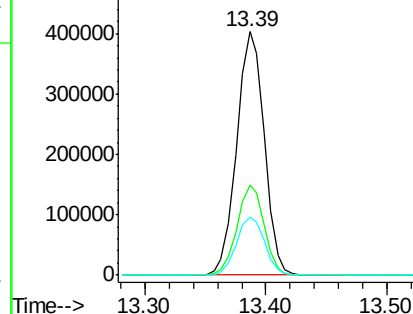


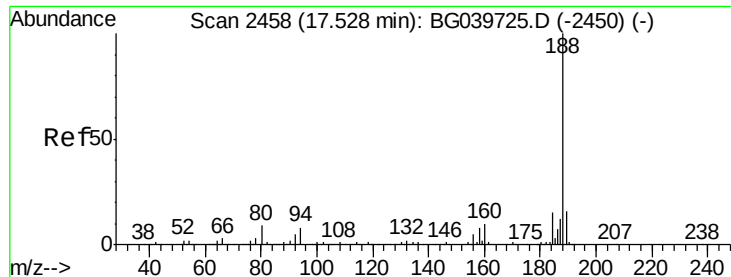
#45
 2-Fluorobiphenyl
 Concen: 76.416 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040141.D
 Acq: 26 Mar 2019 8:12

Tgt Ion: 172 Resp: 639185
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 24.0 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

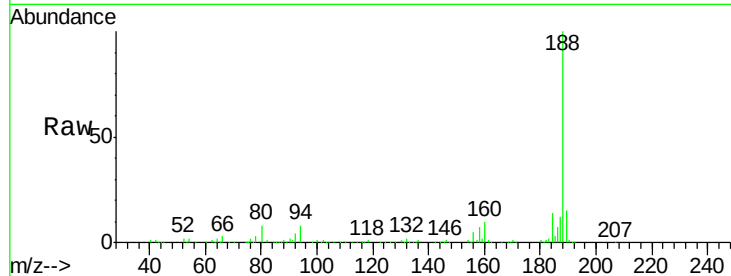




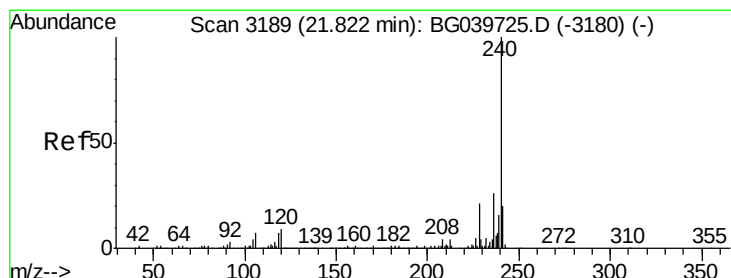
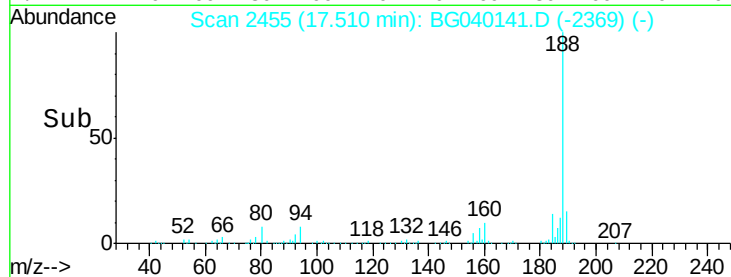
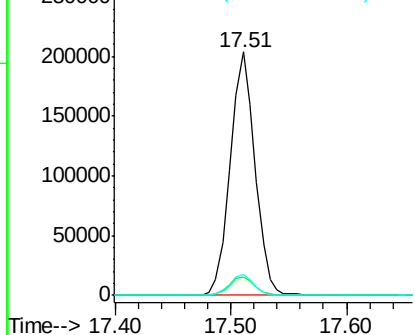
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040141.D
Acq: 26 Mar 2019 8:12

Instrument :
BNA_G
ClientSampled :
CS-2

Tgt Ion:188 Resp: 302183
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 8.4 8.1 12.1

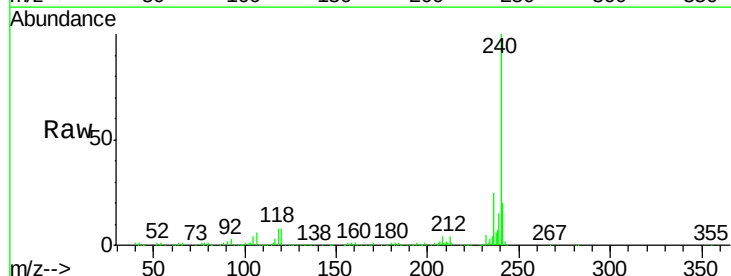


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

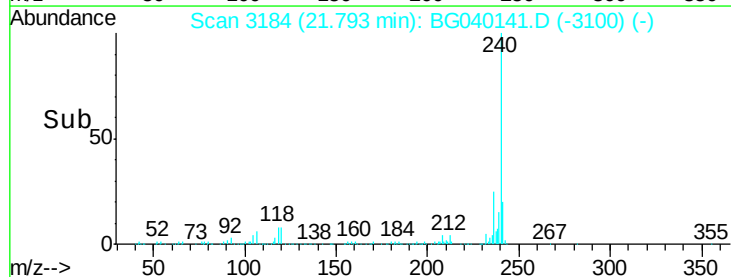
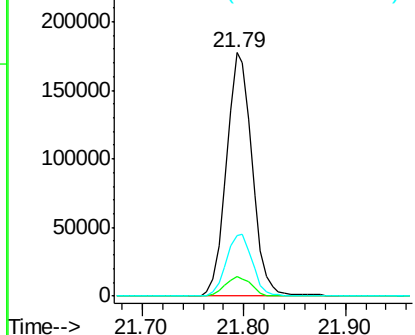


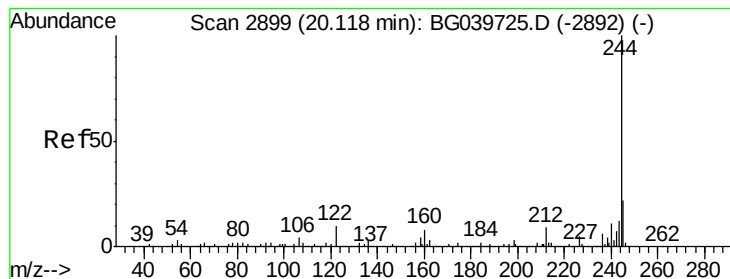
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.04 min
Lab File: BG040141.D
Acq: 26 Mar 2019 8:12

Tgt Ion:240 Resp: 311663
Ion Ratio Lower Upper
240 100
120 8.2 7.0 10.6
236 24.9 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: 85.201 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040141.D

Acq: 26 Mar 2019 8:12

Instrument :

BNA_G

ClientSampleId :

CS-2

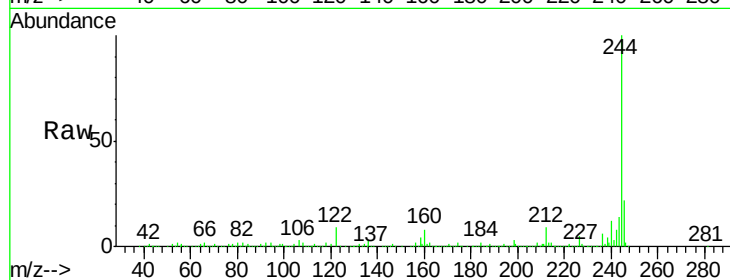
Tgt Ion:244 Resp: 1206016

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

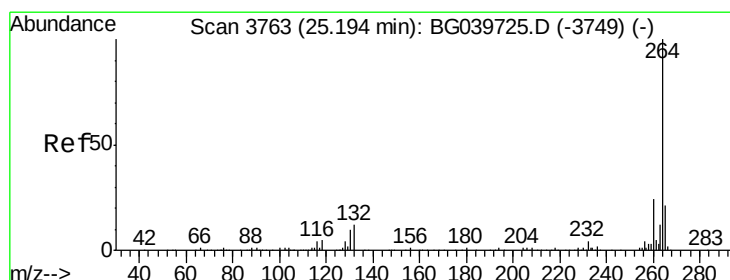
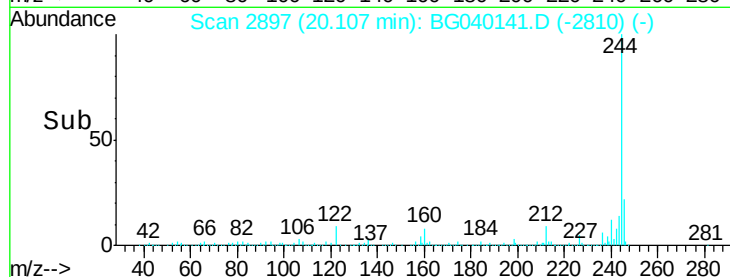
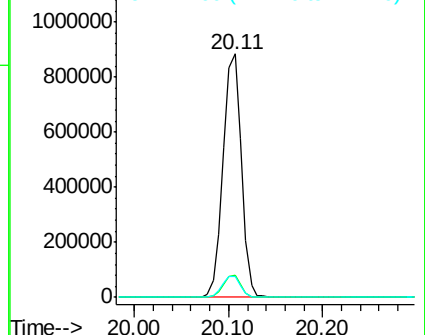
122 8.7 8.4 12.6



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: 25.15 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040141.D

Acq: 26 Mar 2019 8:12

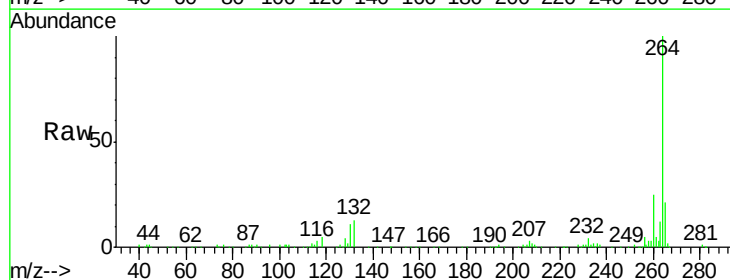
Tgt Ion:264 Resp: 288352

Ion Ratio Lower Upper

264 100

260 25.0 18.2 27.4

265 21.1 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

