

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040146.D
 Acq On : 26 Mar 2019 11:32
 Operator : JU/SJ
 Sample : K2059-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB032119

Quant Time: Mar 26 14:33:38 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	34276	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	137975	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	98051	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	255381	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	269809	20.00	ng	-0.03
87) Perylene-d12	25.15	264	263029	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	123376	61.41	ng	-0.02
7) Phenol-d6	7.28	99	107608	35.92	ng	-0.03
23) Nitrobenzene-d5	9.31	82	243009	95.26	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	161380	141.21	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	626388	90.96	ng	-0.03
79) Terphenyl-d14	20.11	244	1145488	93.48	ng	-0.02

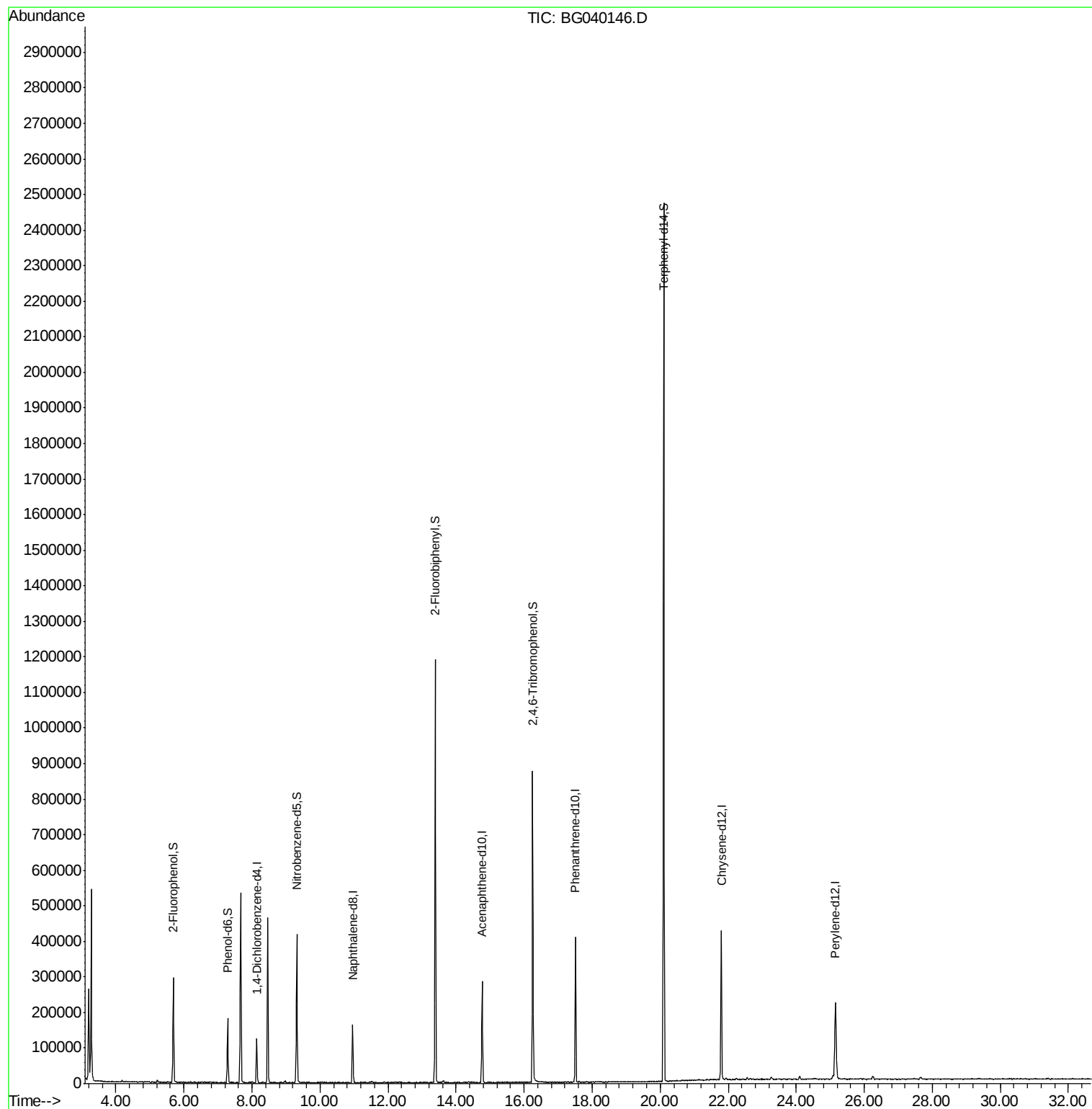
Target Compounds	Qvalue
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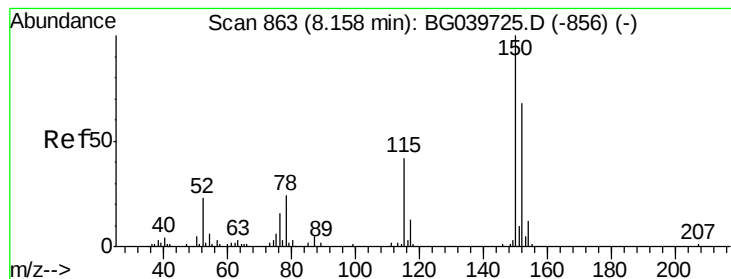
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG040146.D

Acq: 26 Mar 2019 11:32

Instrument :

BNA_G

ClientSampleId :

FB032119

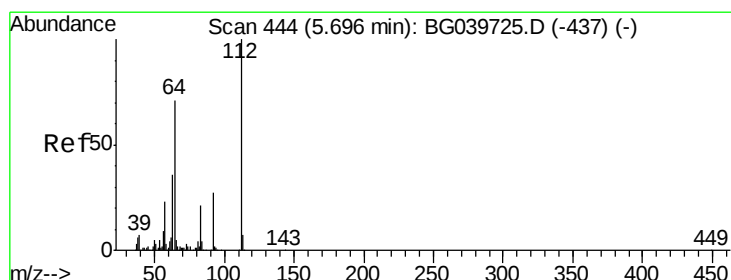
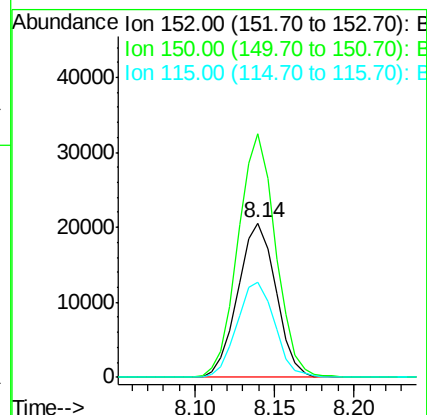
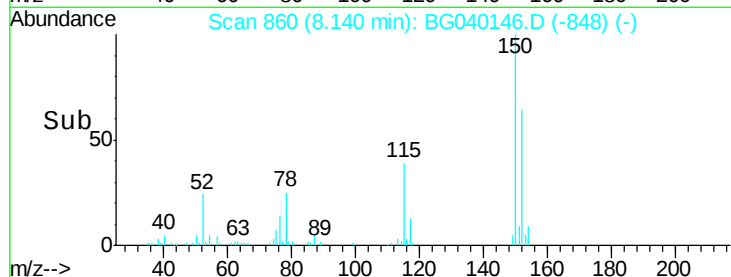
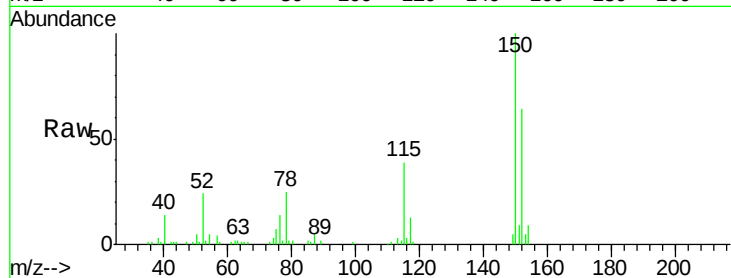
Tgt Ion:152 Resp: 34276

Ion Ratio Lower Upper

152 100

150 157.5 123.7 185.5

115 61.6 45.9 68.9



#5

2-Fluorophenol

Concen: 61.408 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040146.D

Acq: 26 Mar 2019 11:32

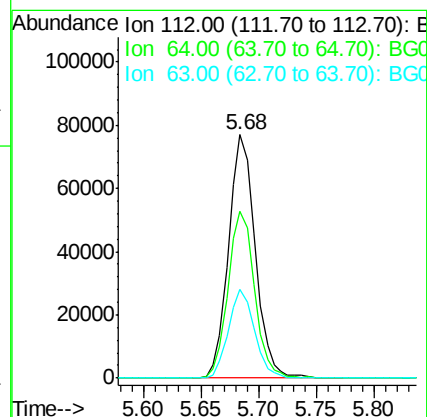
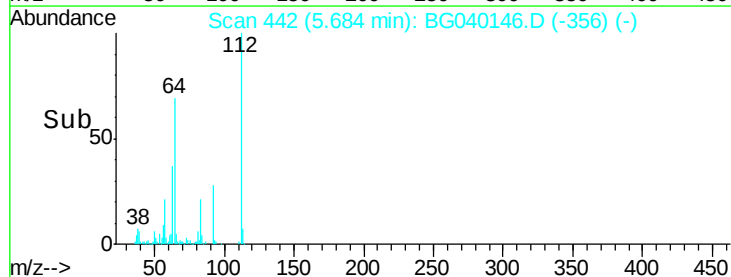
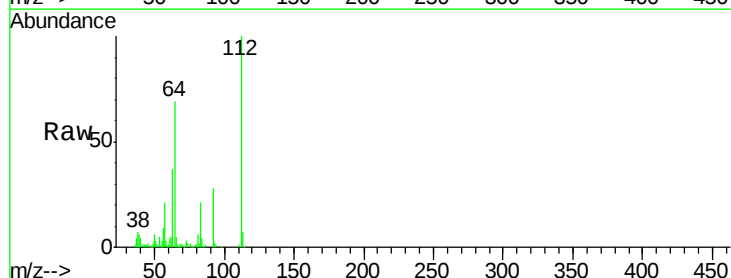
Tgt Ion:112 Resp: 123376

Ion Ratio Lower Upper

112 100

64 68.7 57.8 86.8

63 36.6 29.8 44.6





#7

Phenol-d6

Concen: 35.920 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040146.D

Acq: 26 Mar 2019 11:32

Instrument :

BNA_G

ClientSampleId :

FB032119

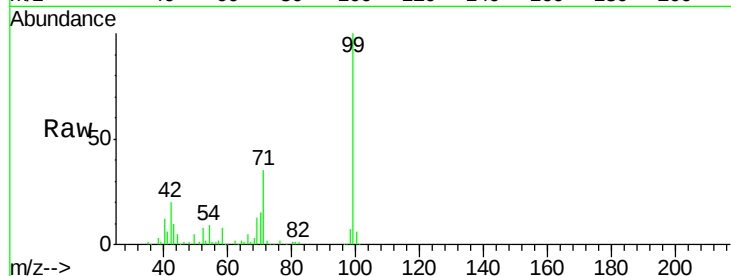
Tgt Ion: 99 Resp: 107608

Ion Ratio Lower Upper

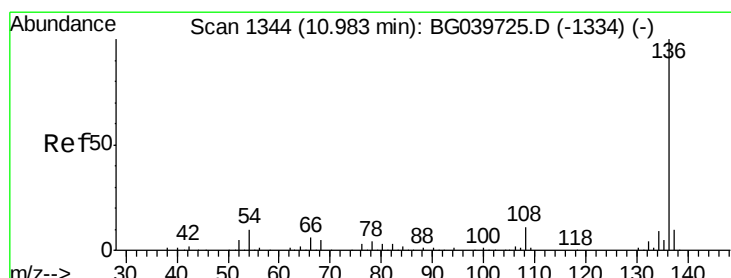
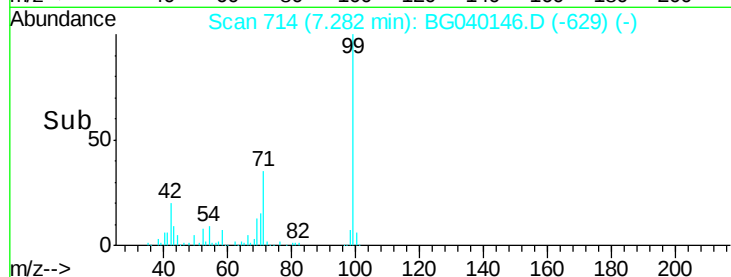
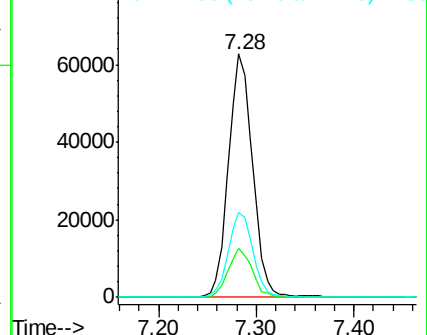
99 100

42 19.9 18.2 27.2

71 34.7 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: BG040146.D

Acq: 26 Mar 2019 11:32

Tgt Ion: 136 Resp: 137975

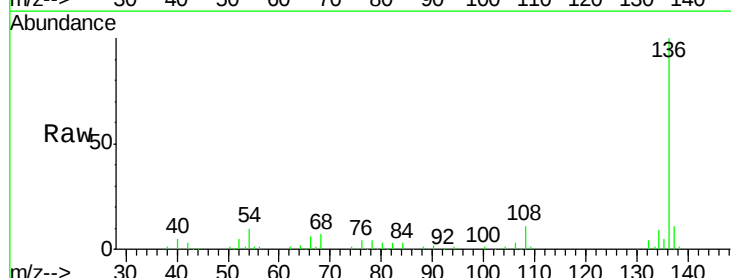
Ion Ratio Lower Upper

136 100

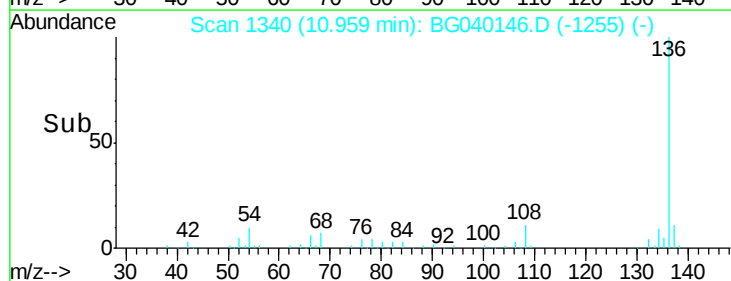
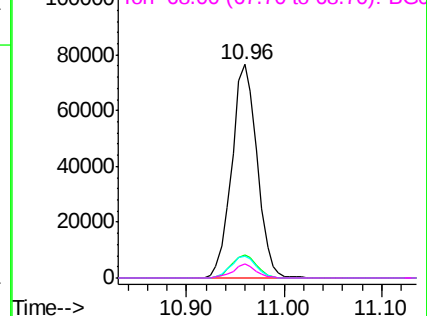
137 10.9 9.1 13.7

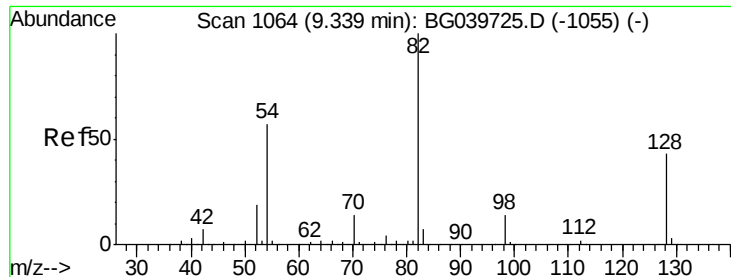
54 10.4 9.4 14.2

68 6.6 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

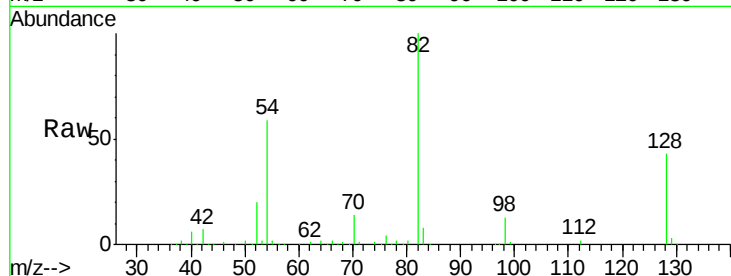




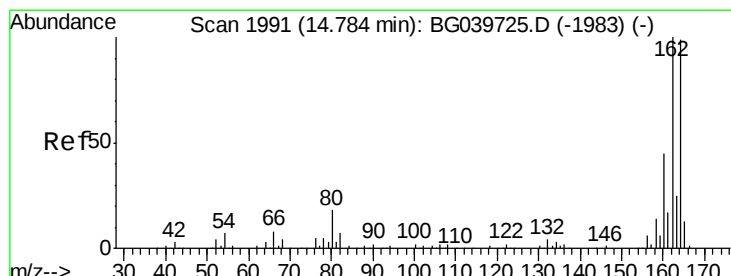
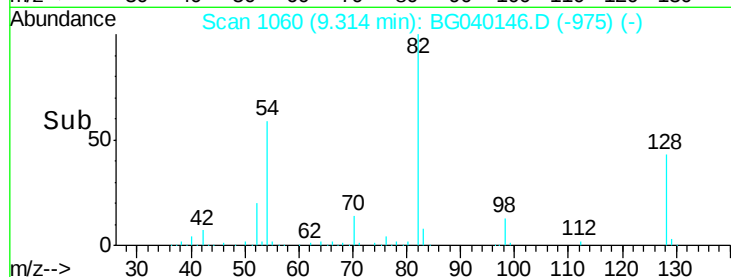
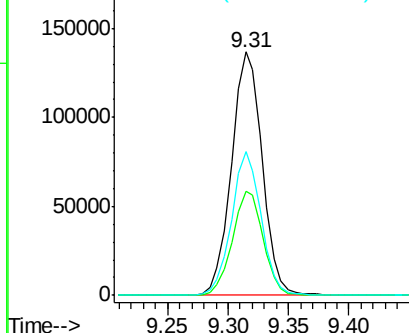
#23
 Nitrobenzene-d5
 Concen: 95.256 ng
 RT: 9.31 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040146.D
 Acq: 26 Mar 2019 11:32

Instrument :
 BNA_G
 ClientSampleId :
 FB032119

Tgt Ion: 82 Resp: 243009
 Ion Ratio Lower Upper
 82 100
 128 42.8 31.3 46.9
 54 59.0 50.9 76.3

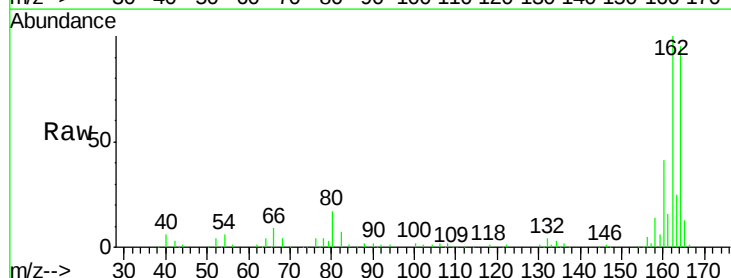


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

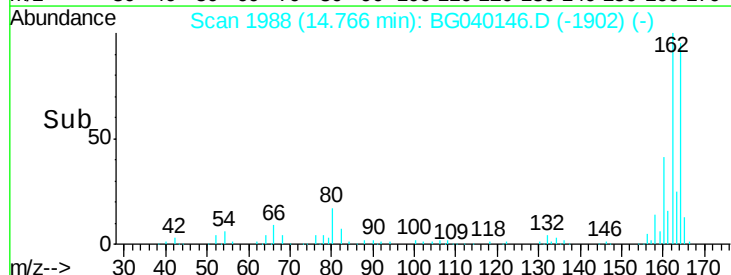
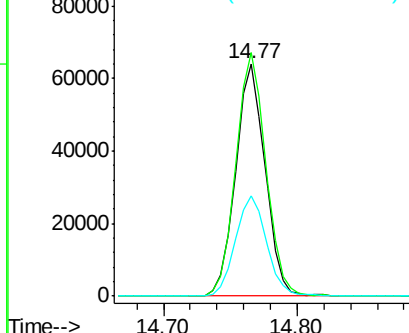


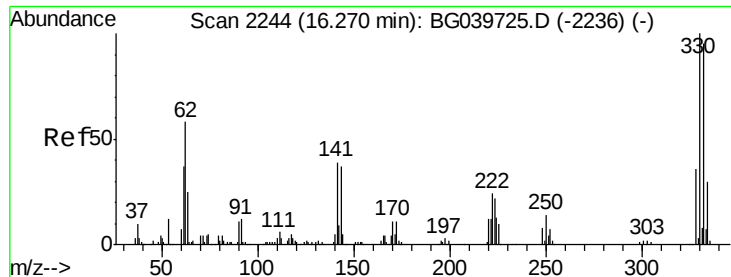
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040146.D
 Acq: 26 Mar 2019 11:32

Tgt Ion: 164 Resp: 98051
 Ion Ratio Lower Upper
 164 100
 162 104.8 81.6 122.4
 160 43.2 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

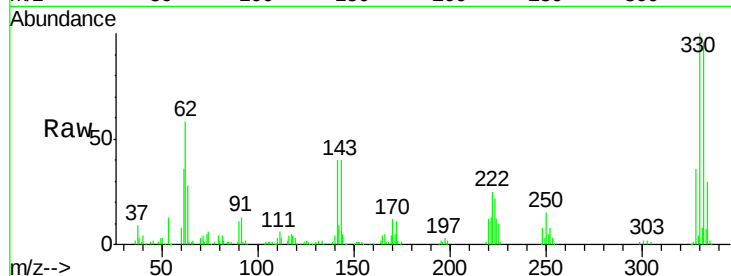




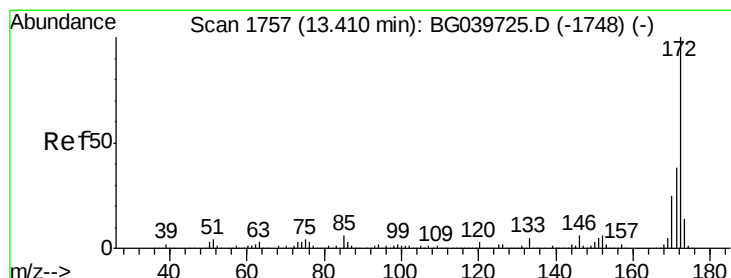
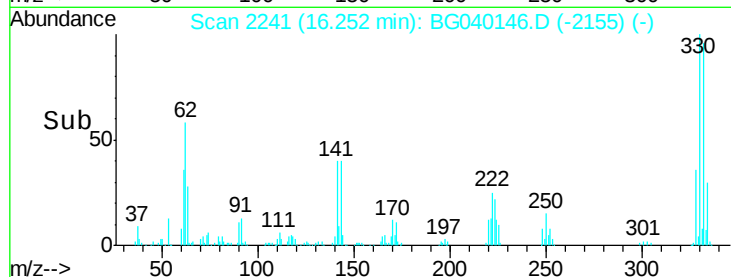
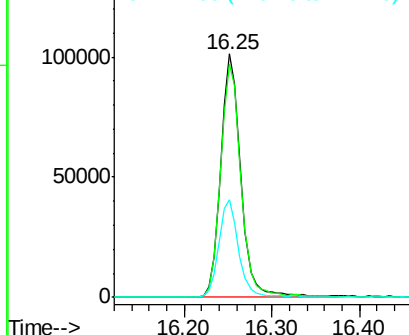
#42
 2,4,6-Tribromophenol
 Concen: 141.208 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040146.D
 Acq: 26 Mar 2019 11:32

Instrument :
 BNA_G
 ClientSampleId :
 FB032119

Tgt Ion:330 Resp: 161380
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.7 113.5
 141 39.5 35.6 53.4

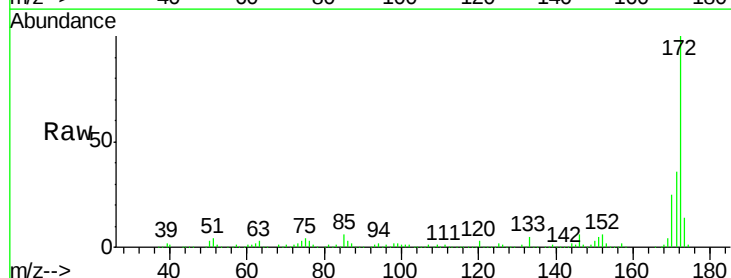


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

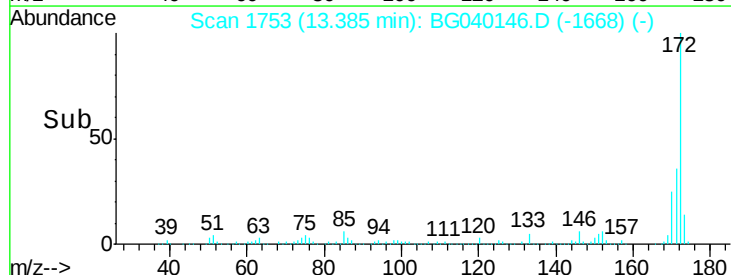
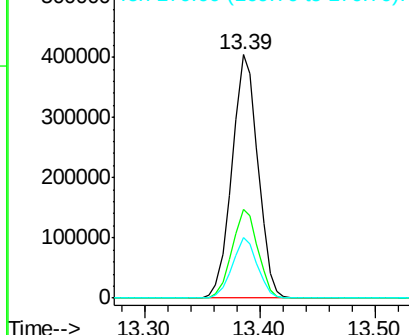


#45
 2-Fluorobiphenyl
 Concen: 90.960 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040146.D
 Acq: 26 Mar 2019 11:32

Tgt Ion:172 Resp: 626388
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.8 46.2
 170 24.7 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

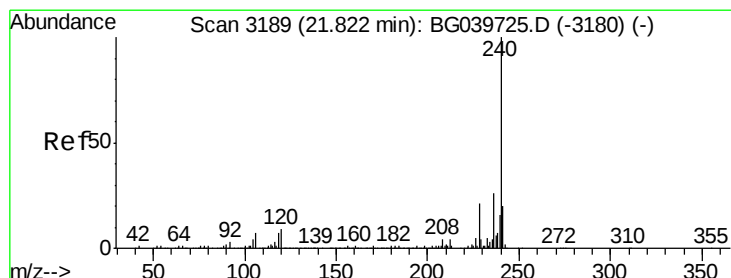
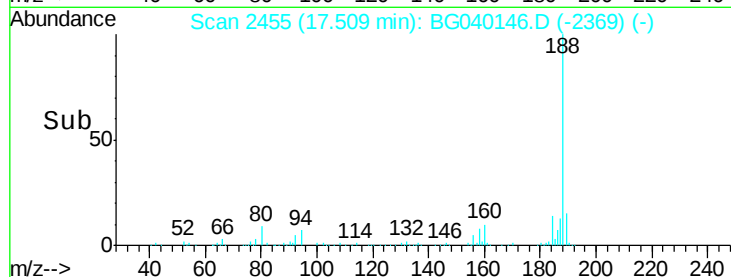
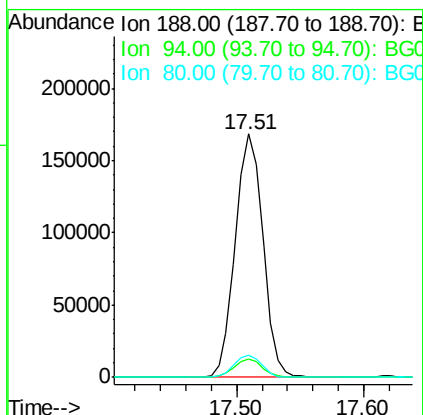
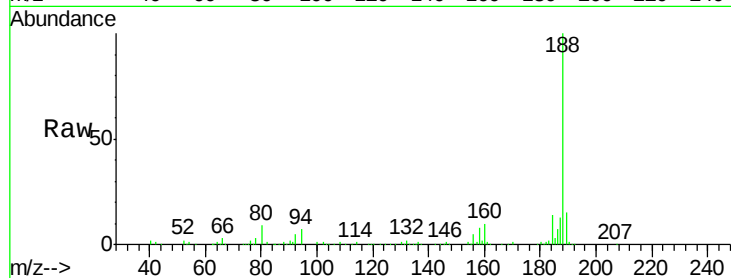




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040146.D
Acq: 26 Mar 2019 11:32

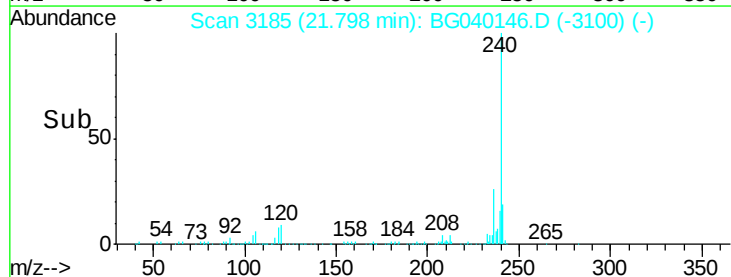
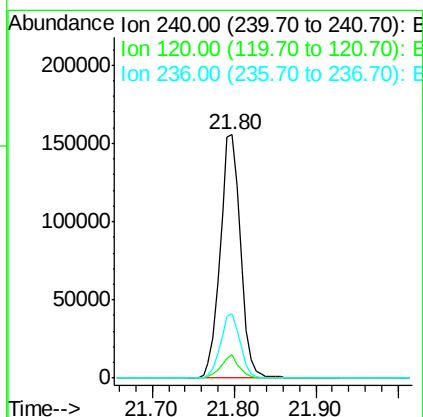
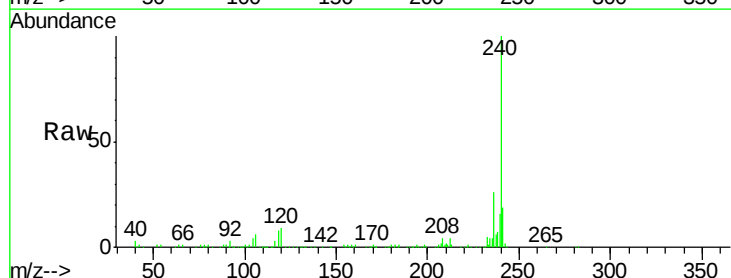
Instrument :
BNA_G
ClientSampleId :
FB032119

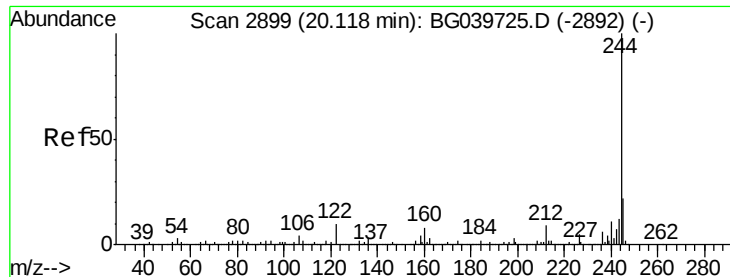
Tgt Ion:188 Resp: 255381
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 9.1 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040146.D
Acq: 26 Mar 2019 11:32

Tgt Ion:240 Resp: 269809
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 26.4 21.0 31.4





#79

Terphenyl-d14

Concen: 93.479 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040146.D

Acq: 26 Mar 2019 11:32

Instrument :

BNA_G

ClientSampleId :

FB032119

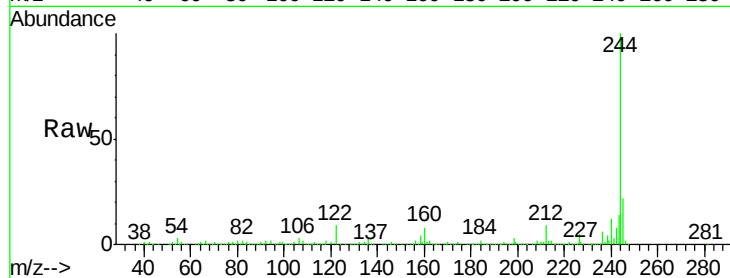
Tgt Ion:244 Resp: 1145488

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

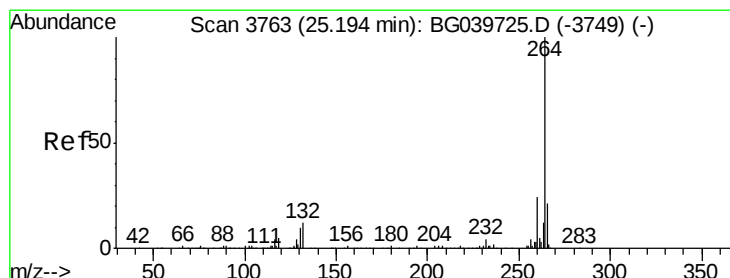
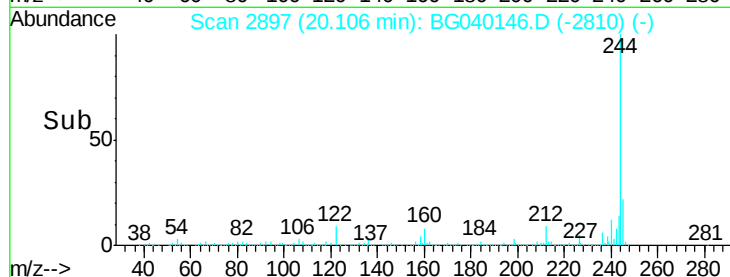
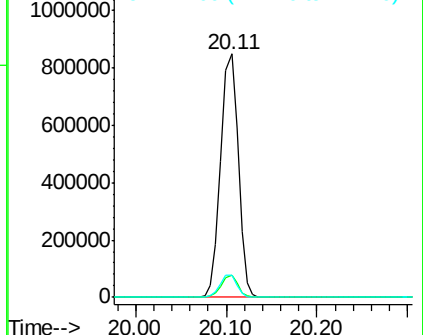
122 9.1 8.4 12.6



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: 25.15 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040146.D

Acq: 26 Mar 2019 11:32

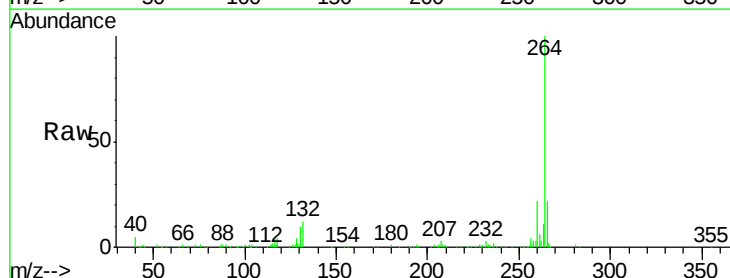
Tgt Ion:264 Resp: 263029

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

265 22.3 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

