

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
 Data File : BG040440.D
 Acq On : 11 Apr 2019 14:08
 Operator : JU/SJ
 Sample : PB118804BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118804BL

Quant Time: Apr 12 03:52:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	65578	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	264678	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	161980	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	410455	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	421792	20.00	ng	-0.04
87) Perylene-d12	24.98	264	412867	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	380913	96.56	ng	-0.01
7) Phenol-d6	7.20	99	513245	94.14	ng	-0.02
23) Nitrobenzene-d5	9.22	82	305054	61.26	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	172150	98.34	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	704061	64.41	ng	-0.03
79) Terphenyl-d14	20.02	244	1142872	60.96	ng	-0.03

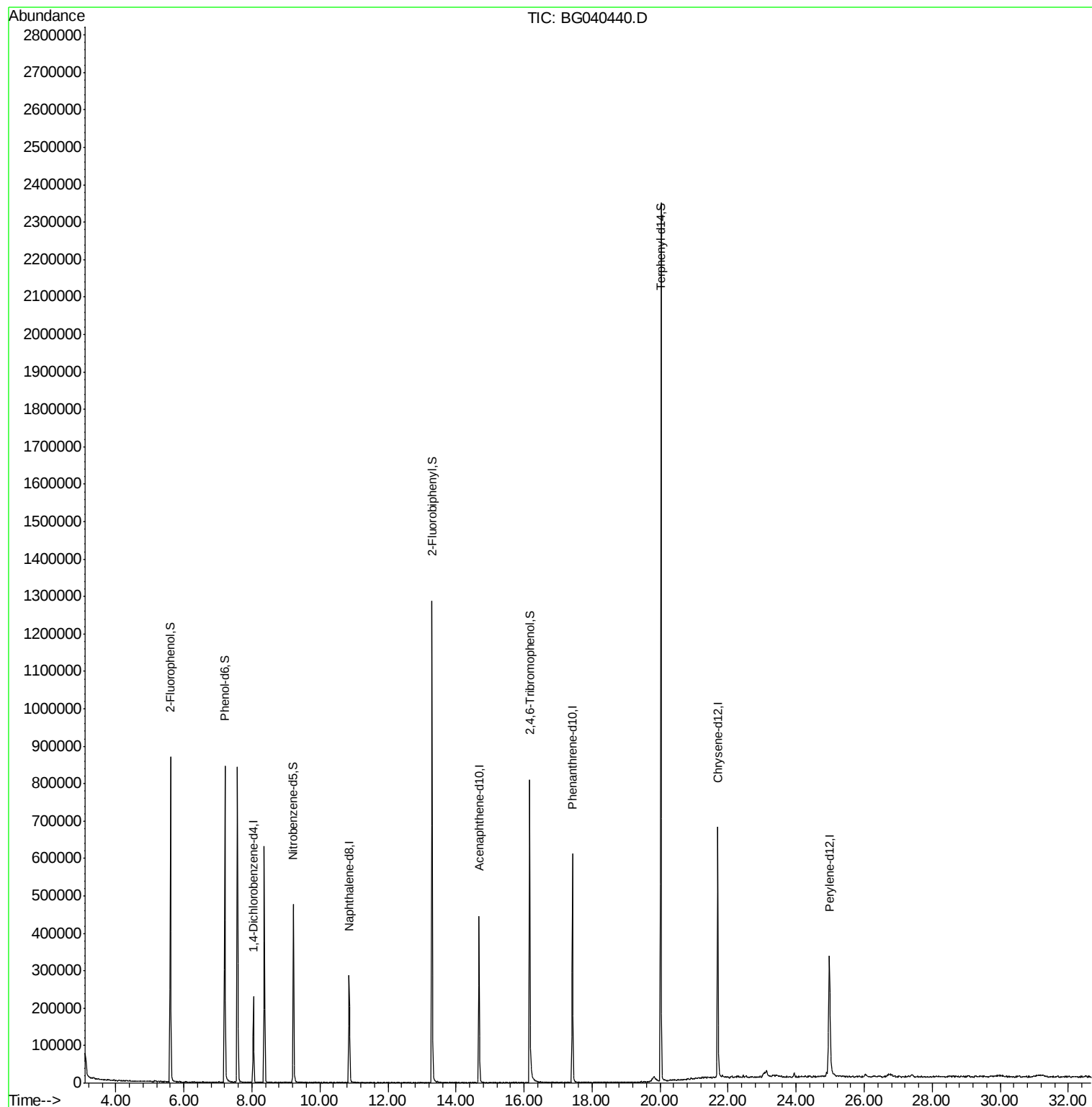
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.03 min

Lab File: BG040440.D

Acq: 11 Apr 2019 14:08

Instrument :

BNA_G

ClientSampleId :

PB118804BL

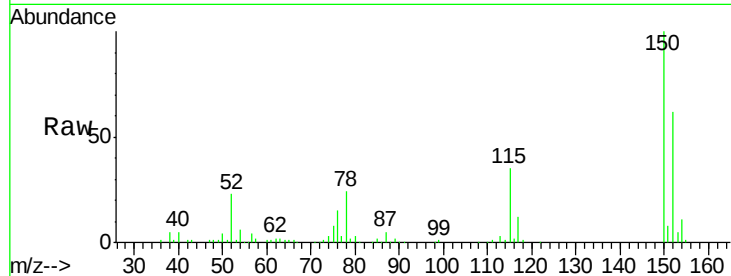
Tgt Ion:152 Resp: 65578

Ion Ratio Lower Upper

152 100

150 160.7 123.7 185.5

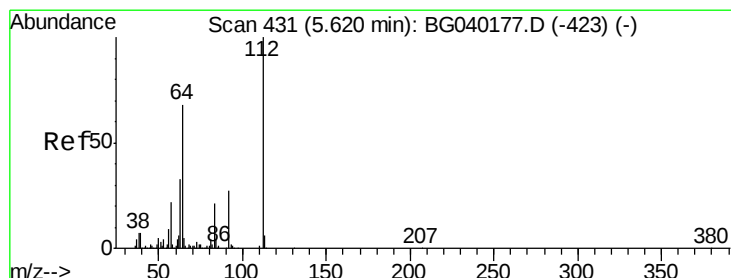
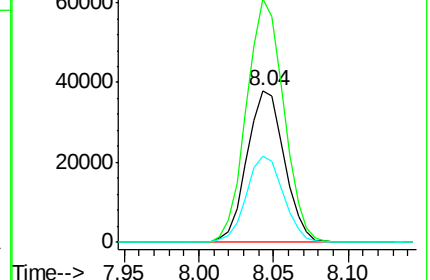
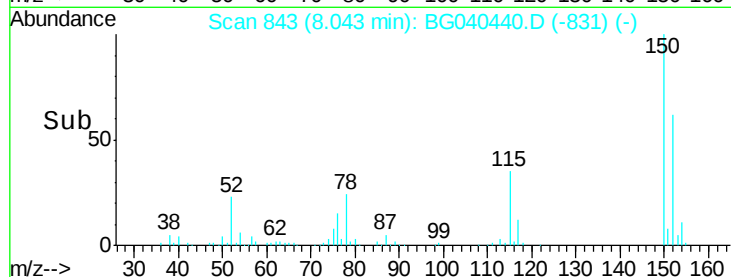
115 56.5 46.9 70.3



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: 96.562 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.01 min

Lab File: BG040440.D

Acq: 11 Apr 2019 14:08

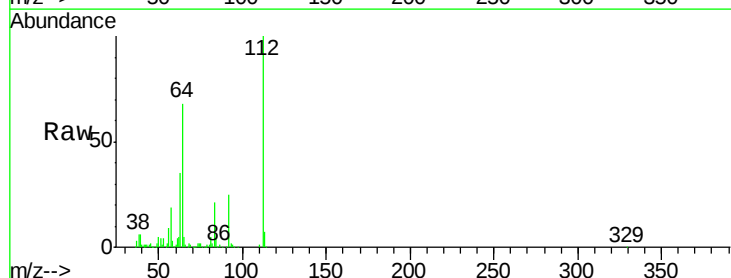
Tgt Ion:112 Resp: 380913

Ion Ratio Lower Upper

112 100

64 68.3 54.2 81.2

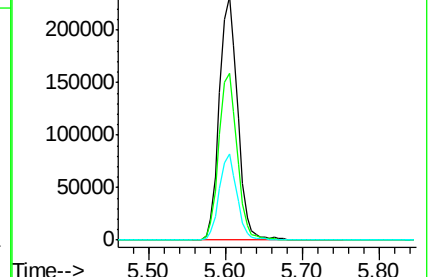
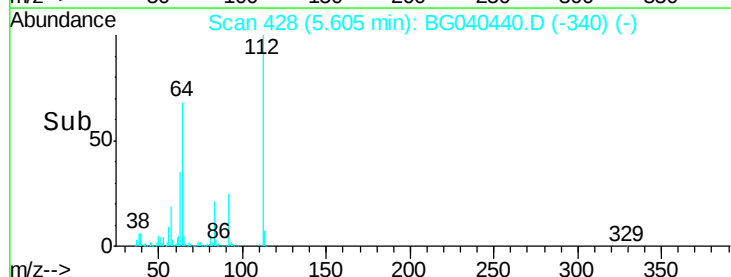
63 35.1 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 94.144 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040440.D

Acq: 11 Apr 2019 14:08

Instrument :

BNA_G

ClientSampleId :

PB118804BL

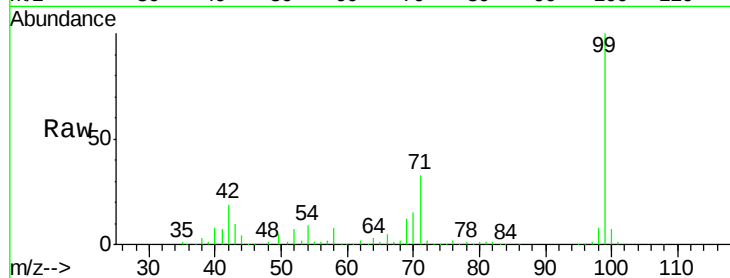
Tgt Ion: 99 Resp: 513245

Ion Ratio Lower Upper

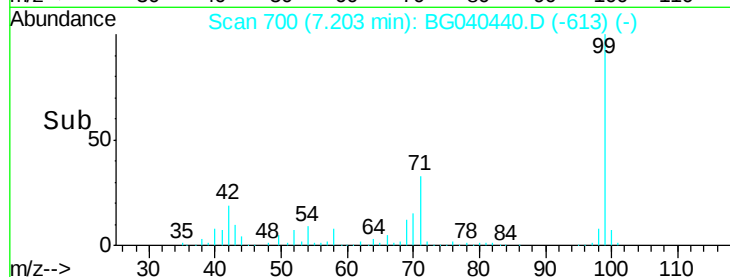
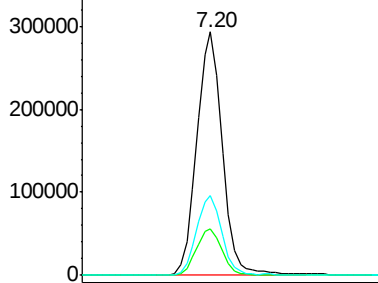
99 100

42 19.0 16.2 24.2

71 32.6 26.8 40.2



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: 10.86 min Scan# 1322

Delta R.T. -0.03 min

Lab File: BG040440.D

Acq: 11 Apr 2019 14:08

Tgt Ion: 136 Resp: 264678

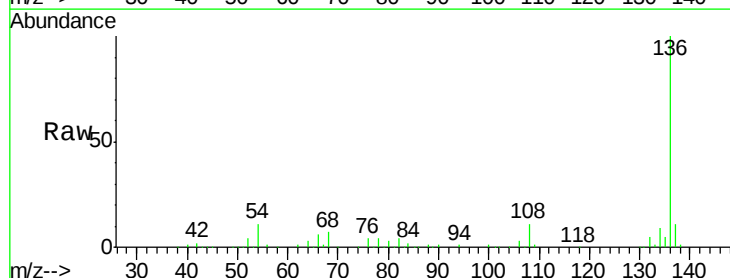
Ion Ratio Lower Upper

136 100

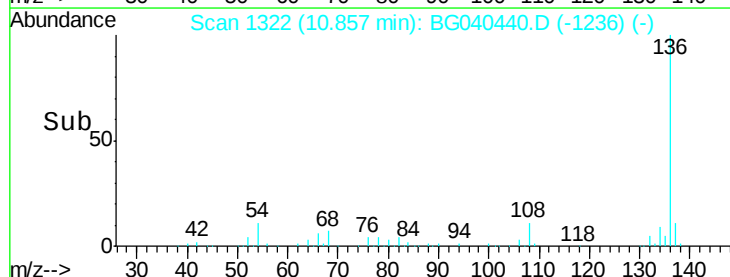
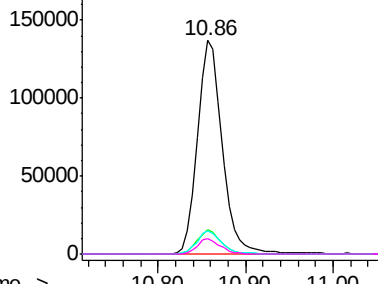
137 11.1 8.9 13.3

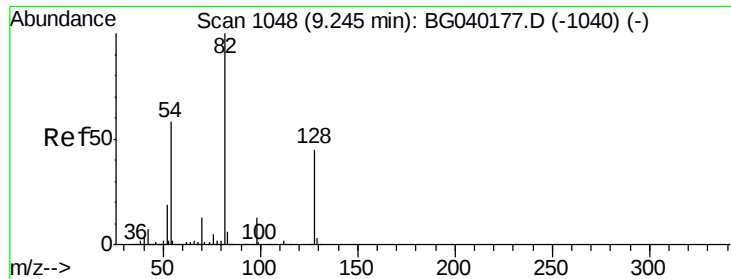
54 10.7 9.6 14.4

68 7.0 5.1 7.7



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

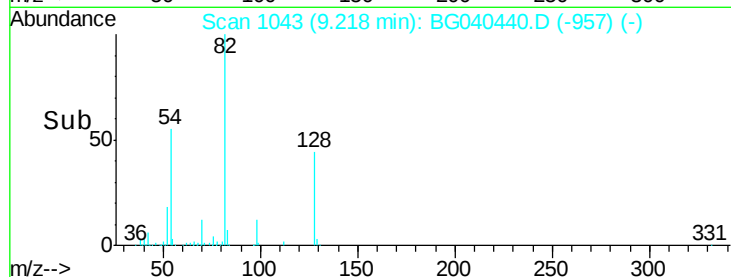
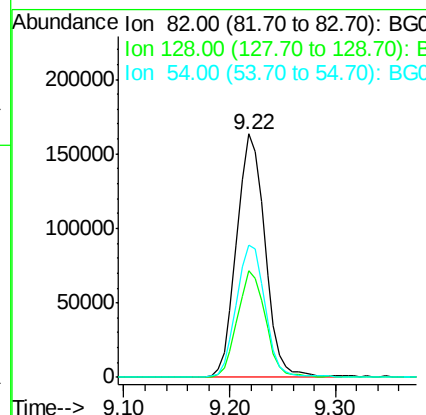
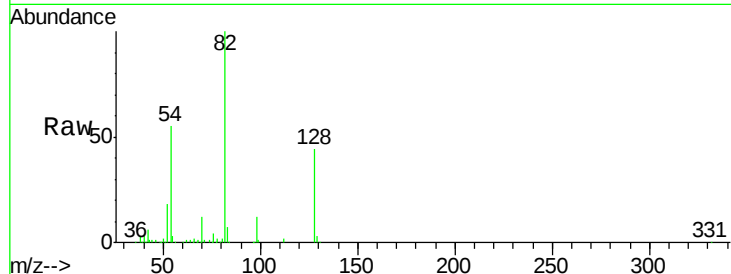




#23
 Nitrobenzene-d5
 Concen: 61.262 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040440.D
 Acq: 11 Apr 2019 14:08

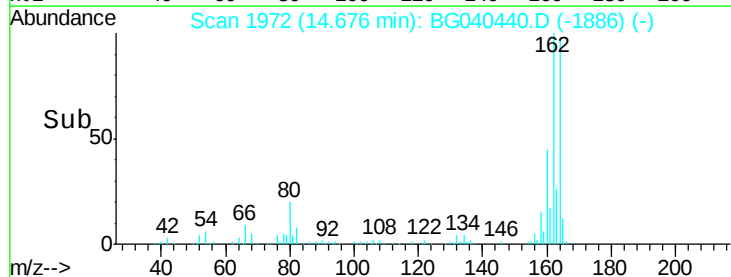
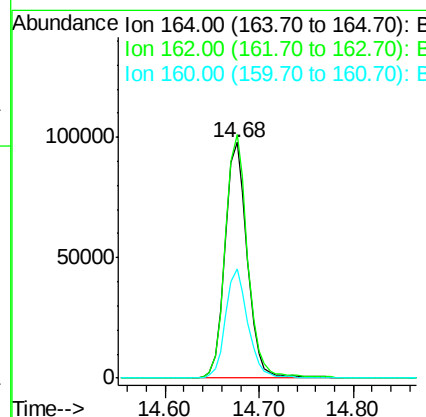
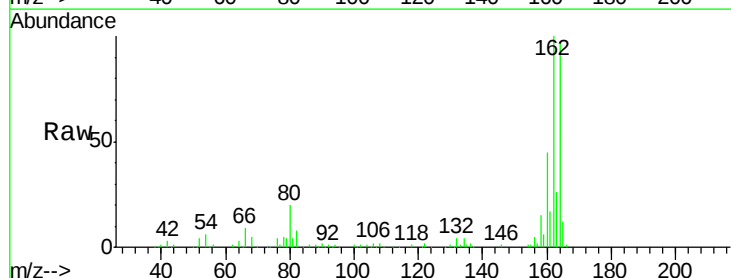
Instrument :
 BNA_G
 ClientSampleId :
 PB118804BL

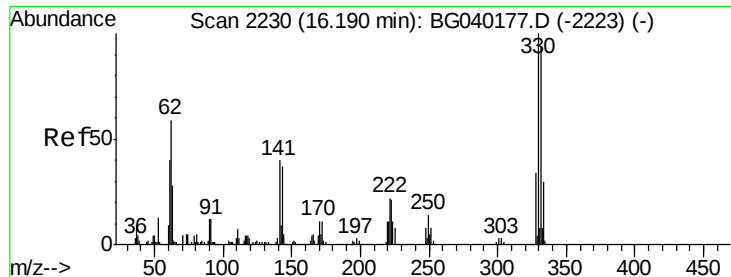
Tgt Ion: 82 Resp: 305054
 Ion Ratio Lower Upper
 82 100
 128 43.7 35.8 53.8
 54 54.5 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG040440.D
 Acq: 11 Apr 2019 14:08

Tgt Ion: 164 Resp: 161980
 Ion Ratio Lower Upper
 164 100
 162 103.2 77.4 116.2
 160 46.4 35.3 52.9

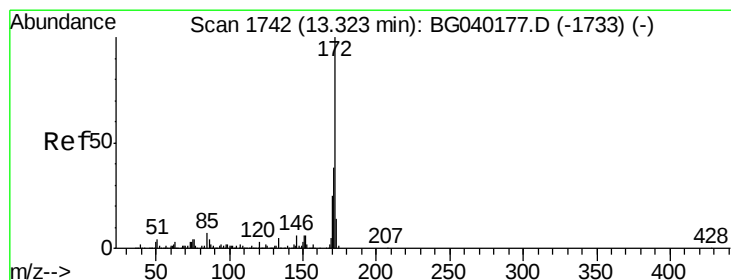
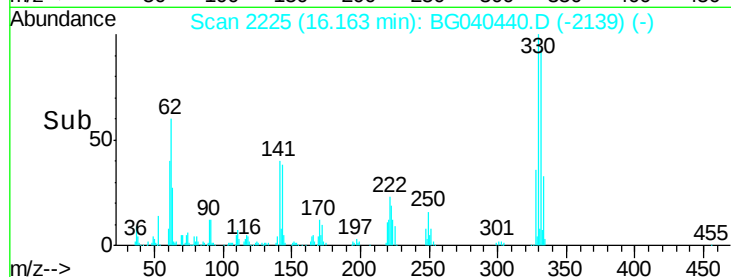
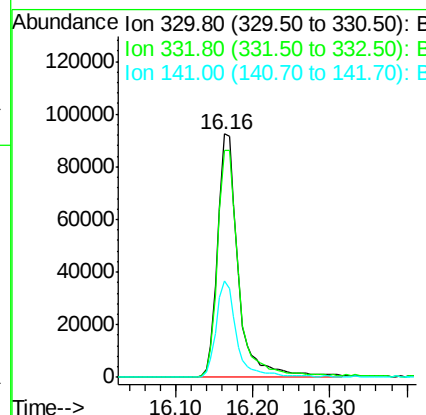
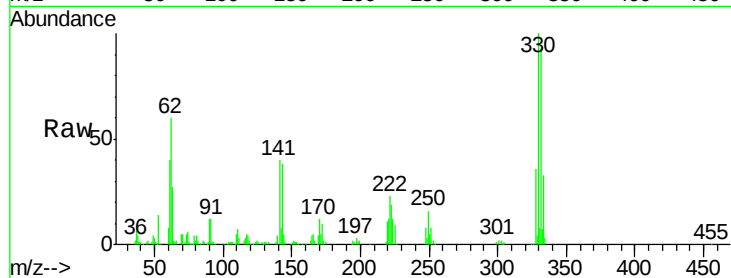




#42
 2,4,6-Tribromophenol
 Concen: 98.339 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.03 min
 Lab File: BG040440.D
 Acq: 11 Apr 2019 14:08

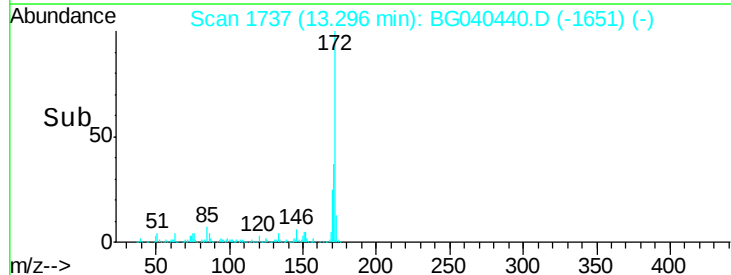
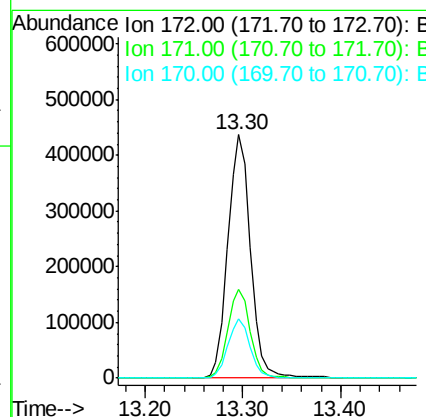
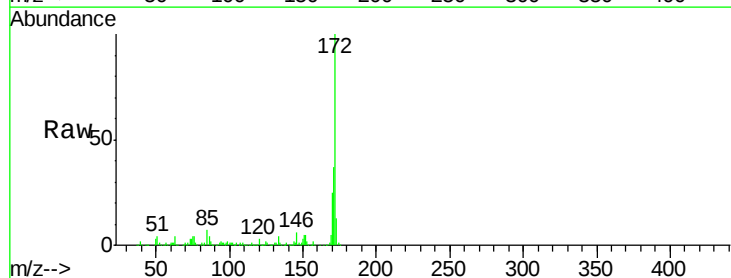
Instrument :
 BNA_G
 ClientSampleId :
 PB118804BL

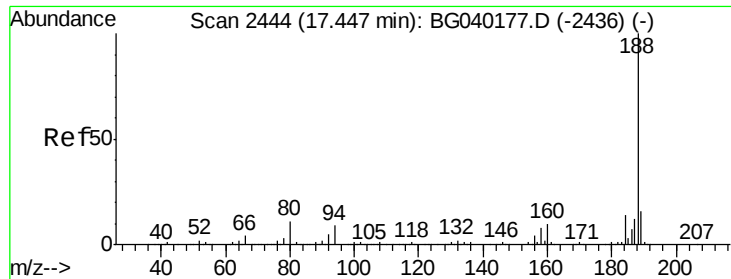
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	38.2	32.6	48.8



#45
 2-Fluorobiphenyl
 Concen: 64.406 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040440.D
 Acq: 11 Apr 2019 14:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	24.5	20.1	30.1

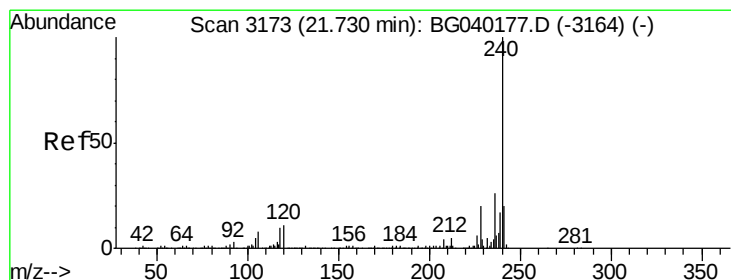
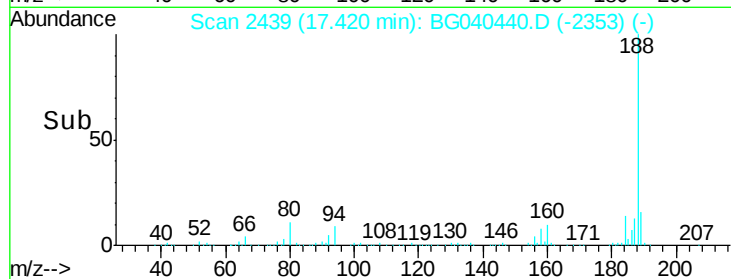
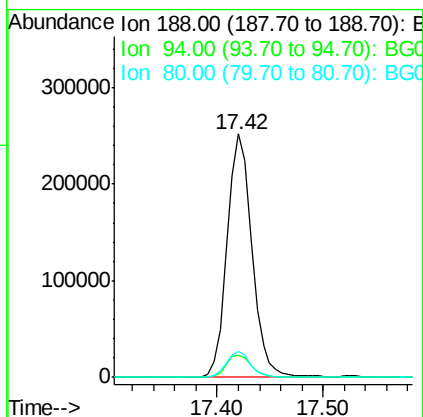
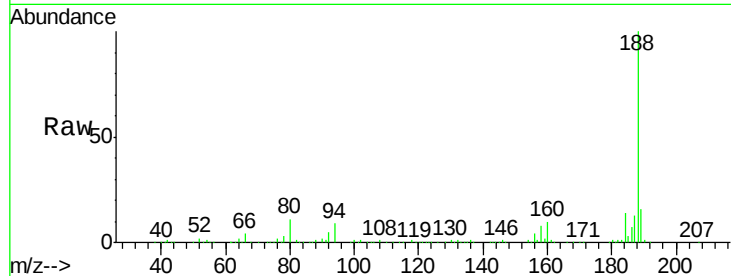




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BG040440.D
Acq: 11 Apr 2019 14:08

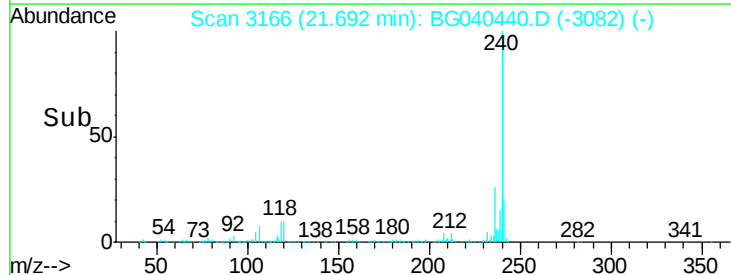
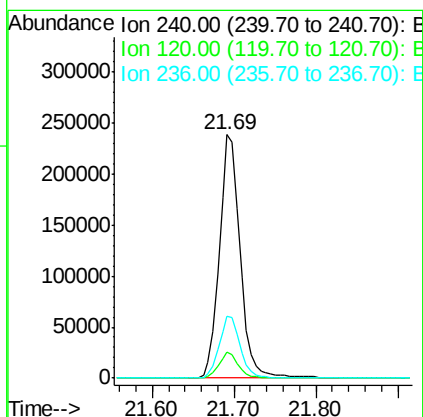
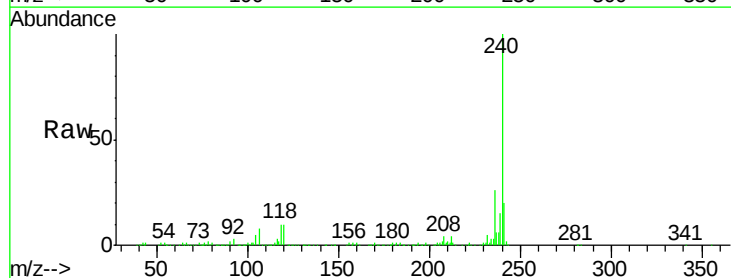
Instrument :
BNA_G
ClientSampleId :
PB118804BL

Tgt Ion:188 Resp: 410455
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 10.5 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG040440.D
Acq: 11 Apr 2019 14:08

Tgt Ion:240 Resp: 421792
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 25.6 20.8 31.2





#79

Terphenyl-d14

Concen: 60.956 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040440.D

Acq: 11 Apr 2019 14:08

Instrument :

BNA_G

ClientSampleId :

PB118804BL

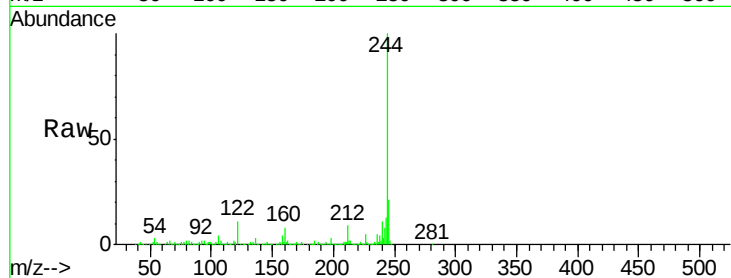
Tgt Ion:244 Resp: 1142872

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

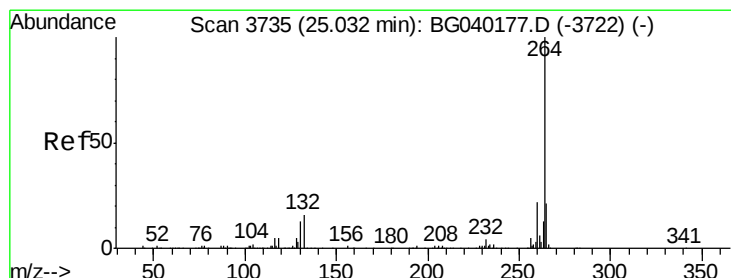
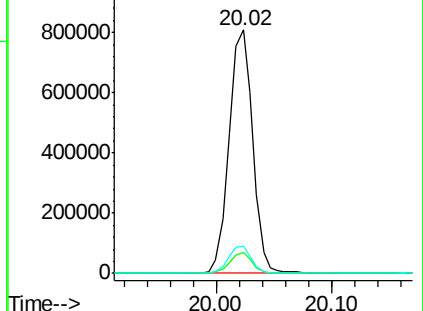
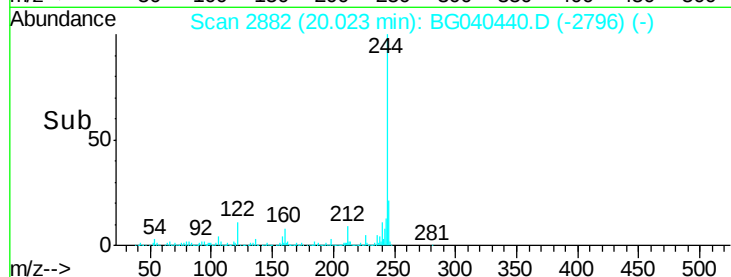
122 11.1 8.5 12.7



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: 24.98 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040440.D

Acq: 11 Apr 2019 14:08

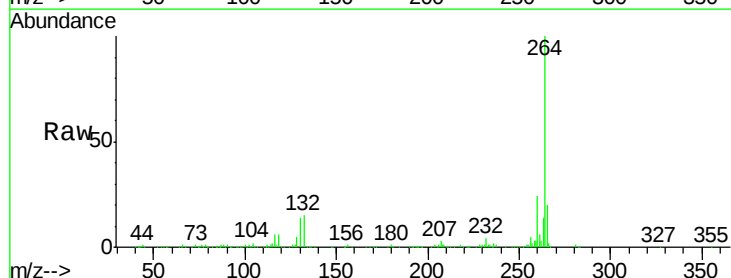
Tgt Ion:264 Resp: 412867

Ion Ratio Lower Upper

264 100

260 24.4 17.9 26.9

265 19.9 16.8 25.2



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

