

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
 Data File : BG040452.D
 Acq On : 11 Apr 2019 22:09
 Operator : JU/SJ
 Sample : PB118783BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118783BL

Quant Time: Apr 12 04:28:05 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	66559	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	260363	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	164303	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	401882	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	415456	20.00	ng	-0.04
87) Perylene-d12	24.98	264	406700	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	523035	130.64	ng	-0.02
7) Phenol-d6	7.20	99	712721	128.81	ng	-0.02
23) Nitrobenzene-d5	9.22	82	427067	87.19	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	234507	132.07	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	980500	88.43	ng	-0.03
79) Terphenyl-d14	20.02	244	1502506	81.36	ng	-0.03

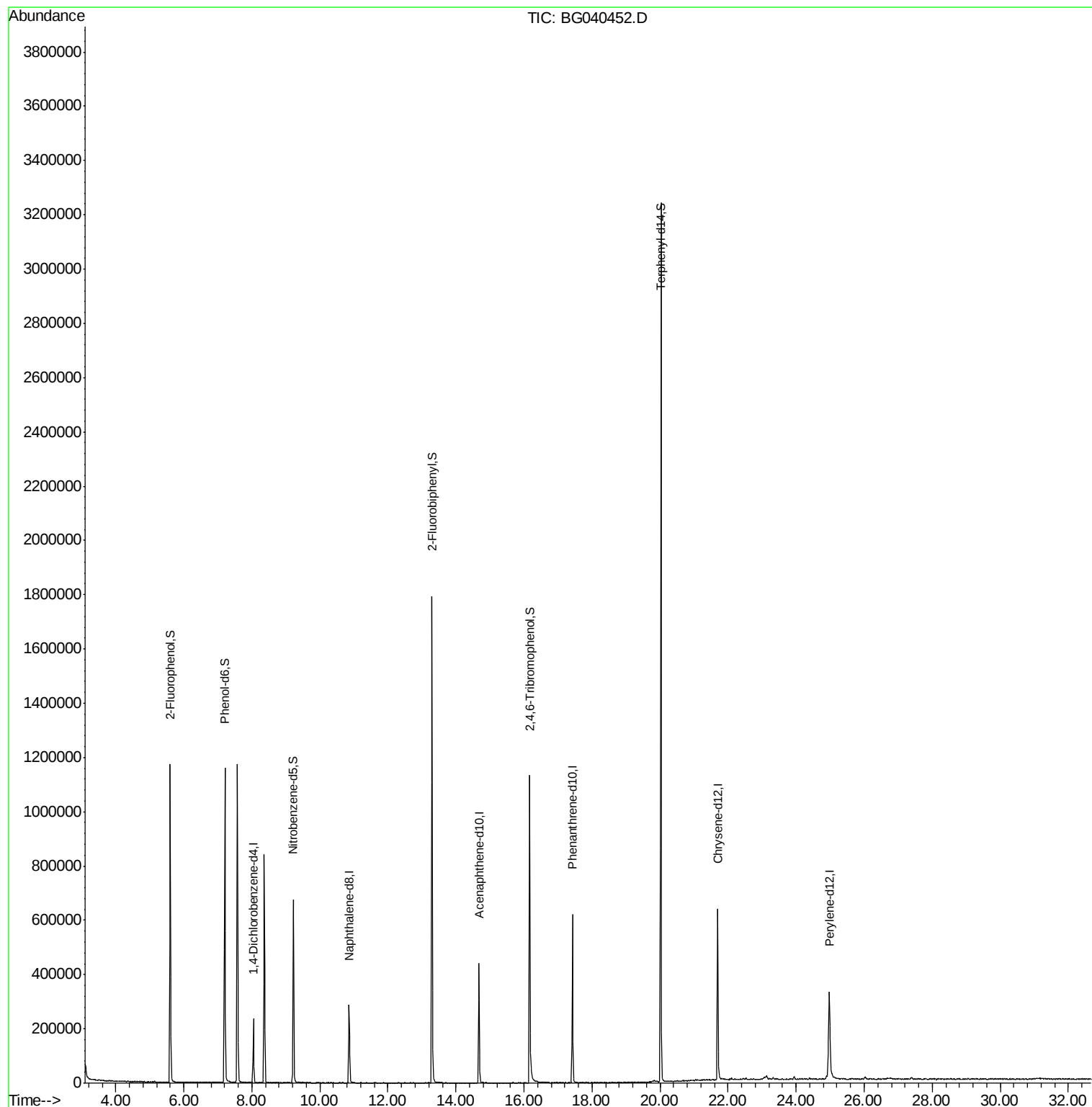
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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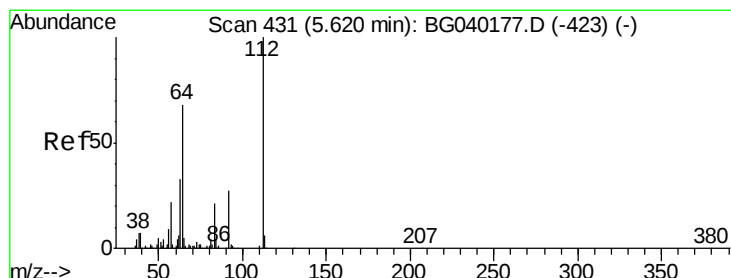
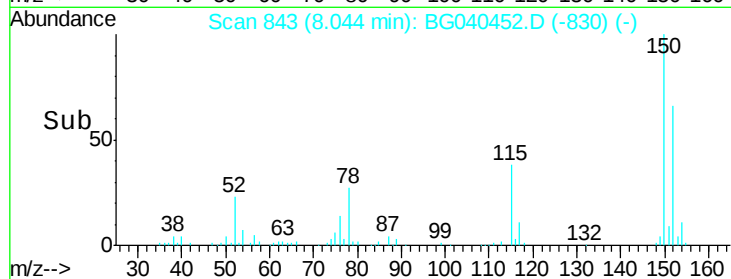
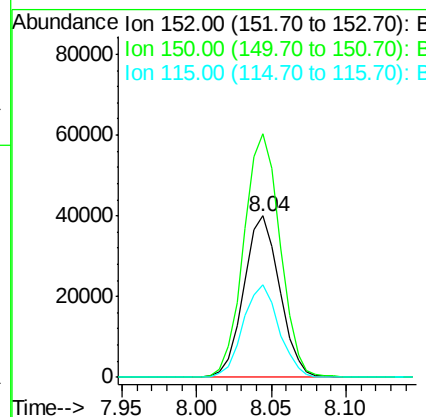
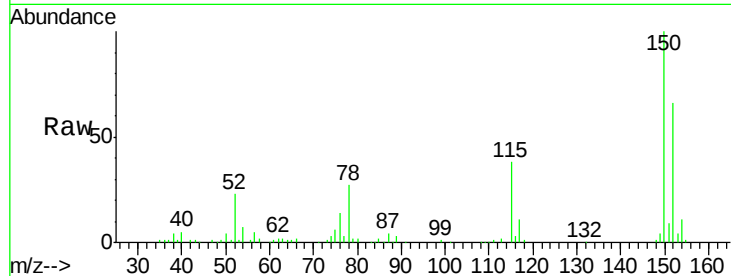




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.03 min
 Lab File: BG040452.D
 Acq: 11 Apr 2019 22:09

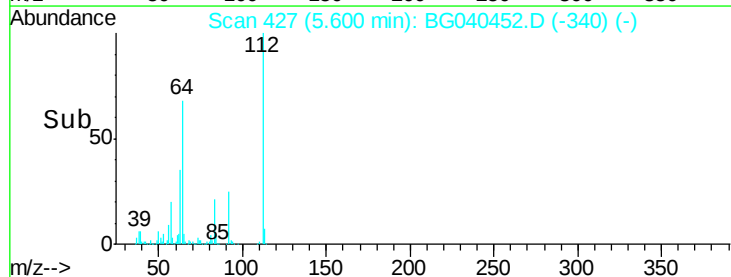
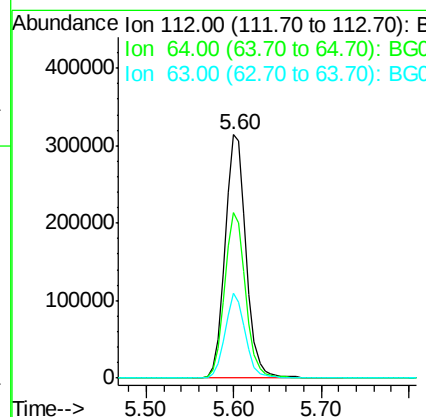
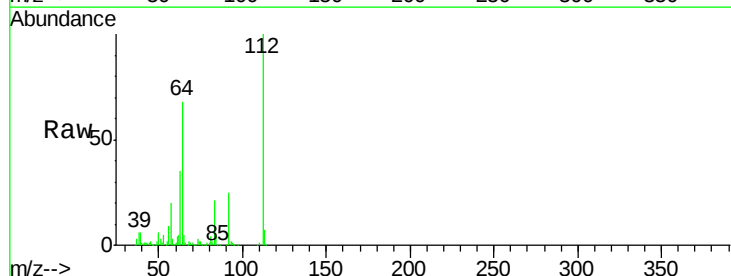
Instrument :
 BNA_G
 ClientSampleId :
 PB118783BL

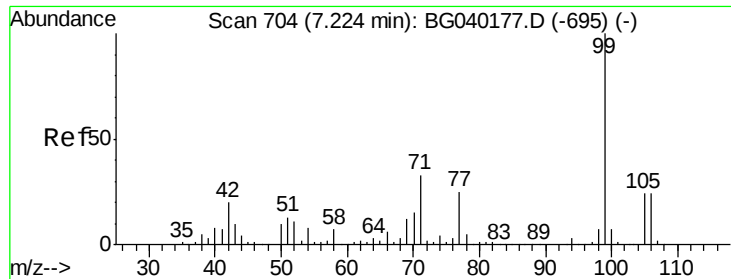
Tgt Ion:152 Resp: 66559
 Ion Ratio Lower Upper
 152 100
 150 151.0 123.7 185.5
 115 57.4 46.9 70.3



#5
 2-Fluorophenol
 Concen: 130.636 ng
 RT: 5.60 min Scan# 427
 Delta R.T. -0.02 min
 Lab File: BG040452.D
 Acq: 11 Apr 2019 22:09

Tgt Ion:112 Resp: 523035
 Ion Ratio Lower Upper
 112 100
 64 68.1 54.2 81.2
 63 34.7 26.4 39.6





#7

Phenol-d6

Concen: 128.807 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040452.D

Acq: 11 Apr 2019 22:09

Instrument :

BNA_G

ClientSampleId :

PB118783BL

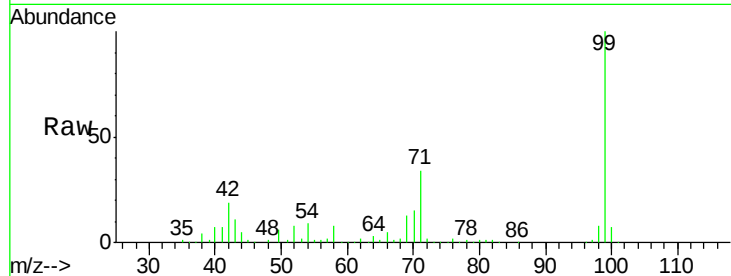
Tgt Ion: 99 Resp: 712721

Ion Ratio Lower Upper

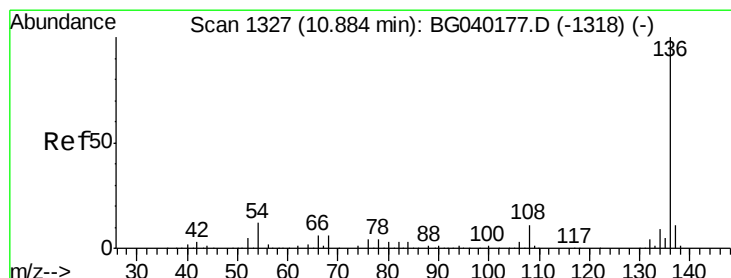
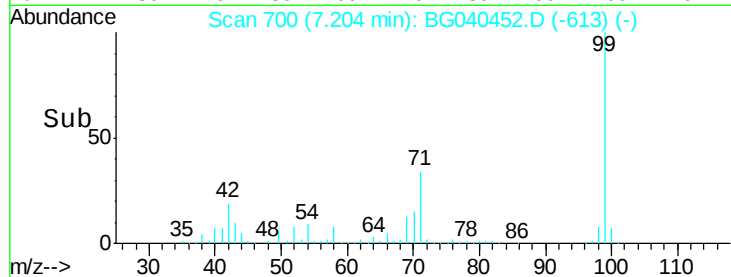
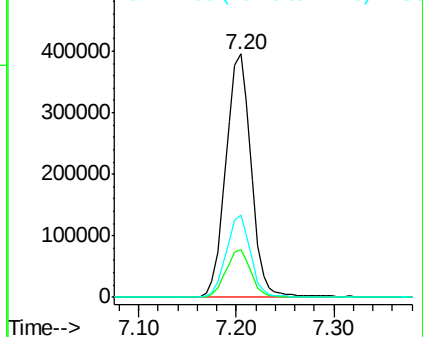
99 100

42 19.4 16.2 24.2

71 33.8 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: BG040452.D

Acq: 11 Apr 2019 22:09

Tgt Ion: 136 Resp: 260363

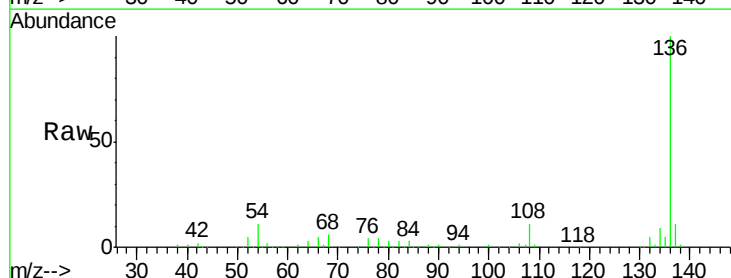
Ion Ratio Lower Upper

136 100

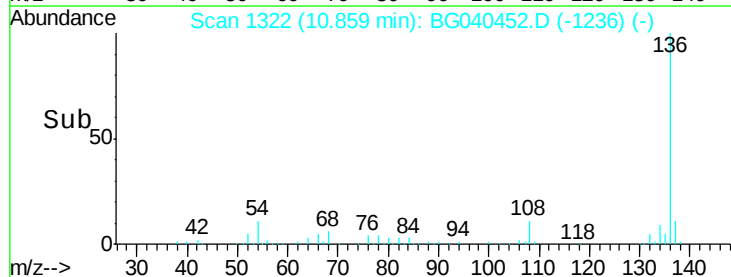
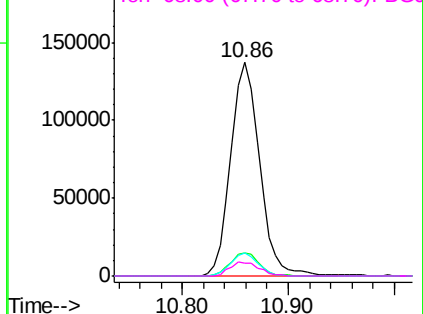
137 11.0 8.9 13.3

54 10.9 9.6 14.4

68 6.2 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

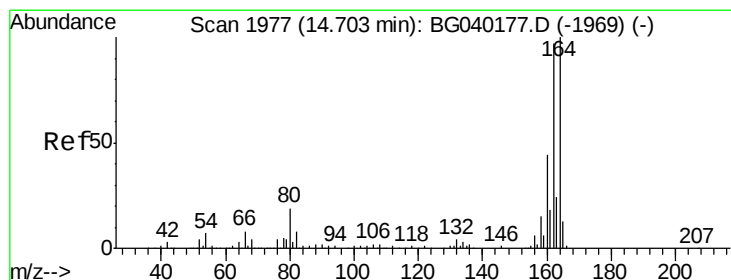
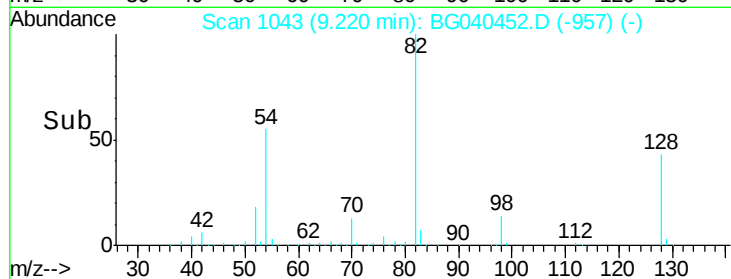
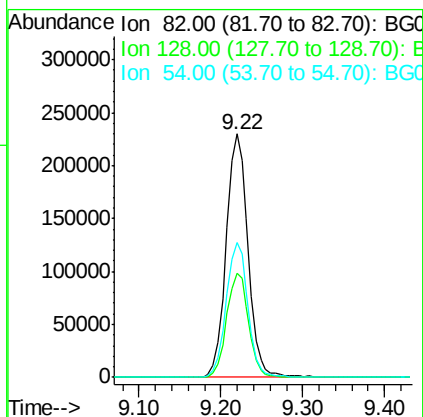
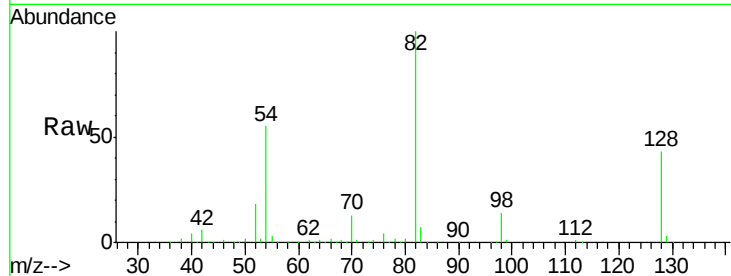




#23
Nitrobenzene-d5
Concen: 87.186 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040452.D
Acq: 11 Apr 2019 22:09

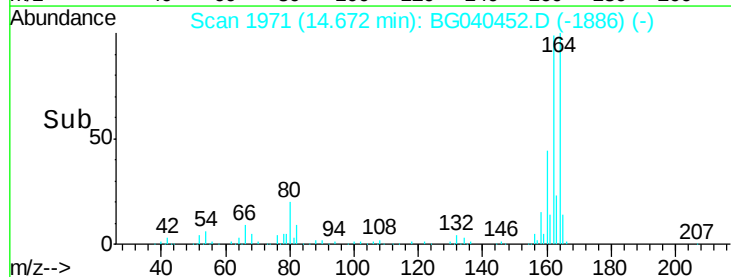
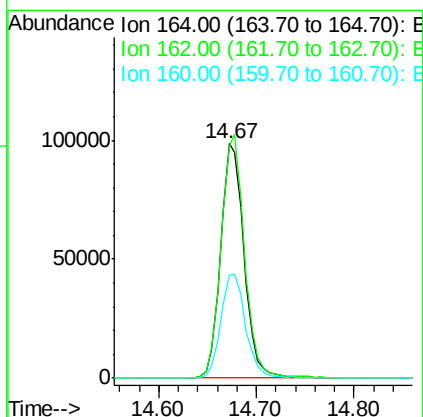
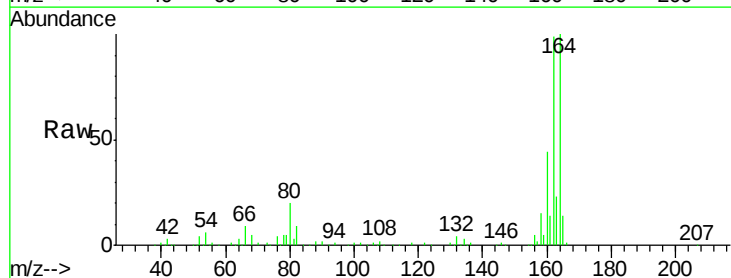
Instrument :
BNA_G
ClientSampleId :
PB118783BL

Tgt Ion: 82 Resp: 427067
Ion Ratio Lower Upper
82 100
128 42.8 35.8 53.8
54 55.2 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.03 min
Lab File: BG040452.D
Acq: 11 Apr 2019 22:09

Tgt Ion: 164 Resp: 164303
Ion Ratio Lower Upper
164 100
162 99.2 77.4 116.2
160 43.9 35.3 52.9

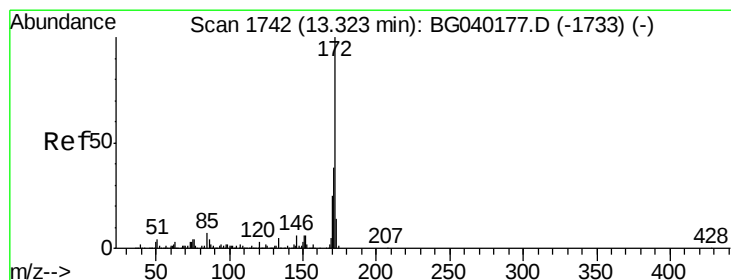
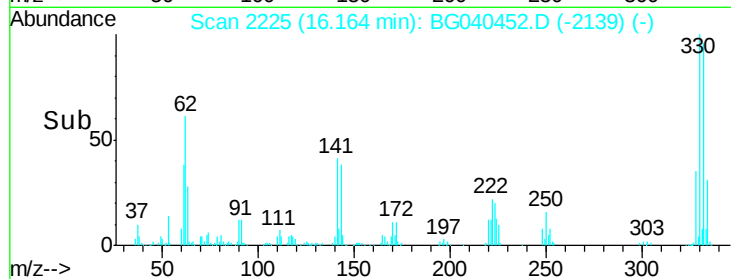
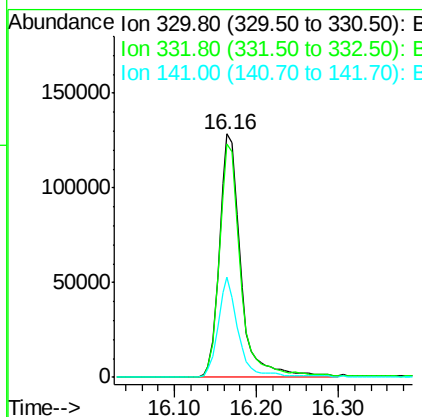
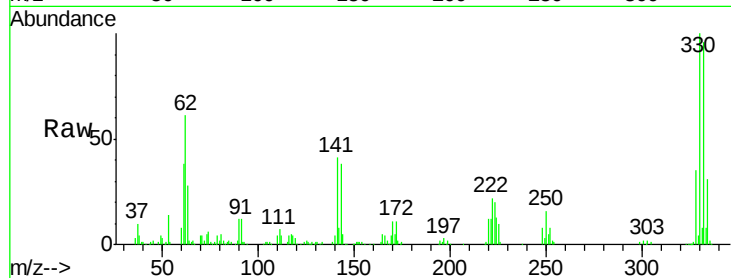




#42
 2,4,6-Tribromophenol
 Concen: 132.065 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.03 min
 Lab File: BG040452.D
 Acq: 11 Apr 2019 22:09

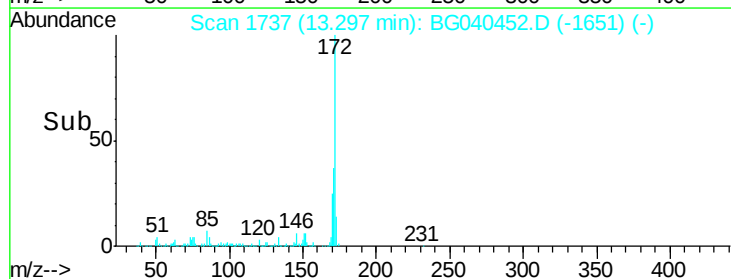
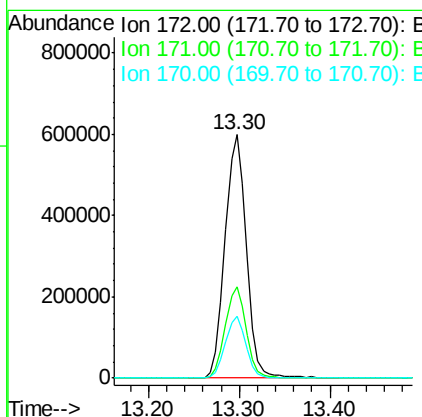
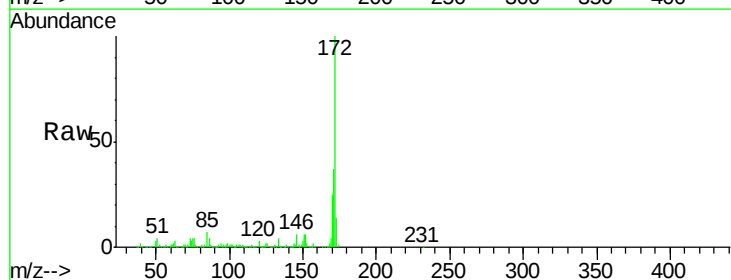
Instrument :
 BNA_G
 ClientSampleId :
 PB118783BL

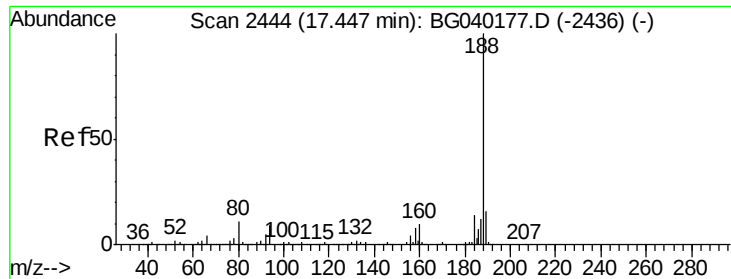
Tgt Ion:330 Resp: 234507
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 38.4 32.6 48.8



#45
 2-Fluorobiphenyl
 Concen: 88.426 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040452.D
 Acq: 11 Apr 2019 22:09

Tgt Ion:172 Resp: 980500
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.5 45.7
 170 25.3 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: BG040452.D

Acq: 11 Apr 2019 22:09

Instrument :

BNA_G

ClientSampleId :

PB118783BL

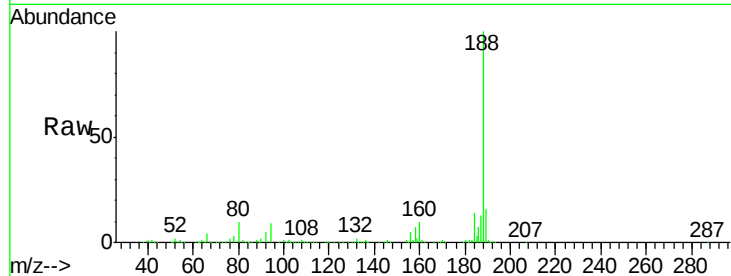
Tgt Ion:188 Resp: 401882

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

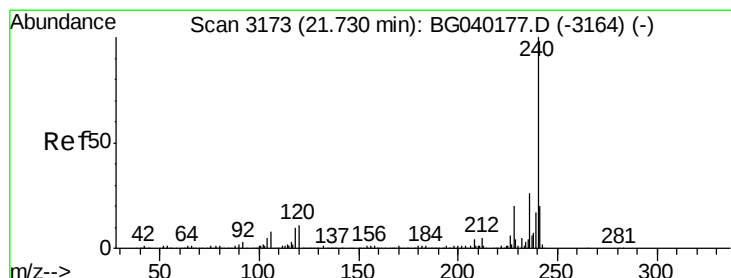
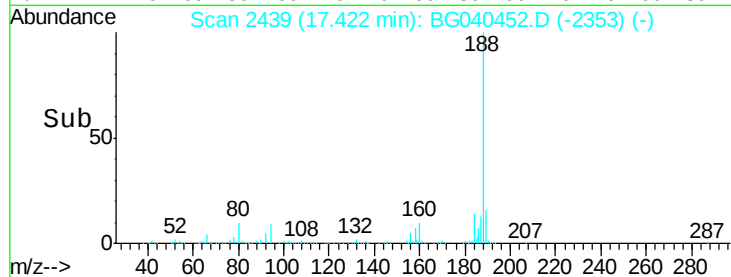
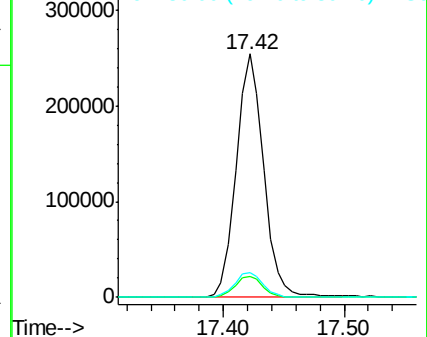
80 10.2 8.6 13.0



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: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040452.D

Acq: 11 Apr 2019 22:09

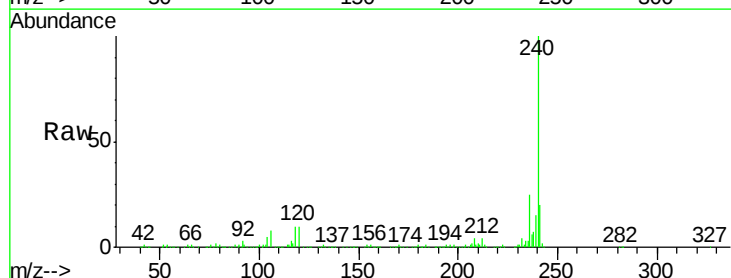
Tgt Ion:240 Resp: 415456

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

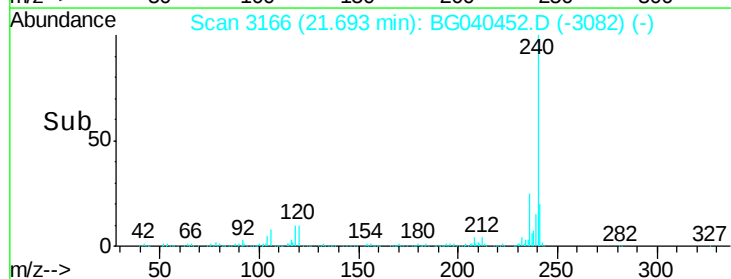
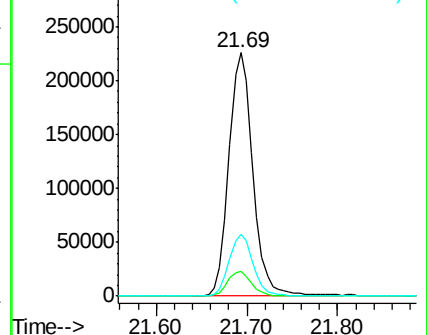
236 25.4 20.8 31.2



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: 81.359 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040452.D

Acq: 11 Apr 2019 22:09

Instrument :

BNA_G

ClientSampleId :

PB118783BL

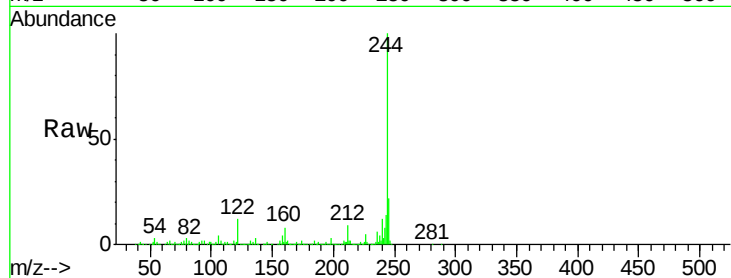
Tgt Ion:244 Resp: 1502506

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

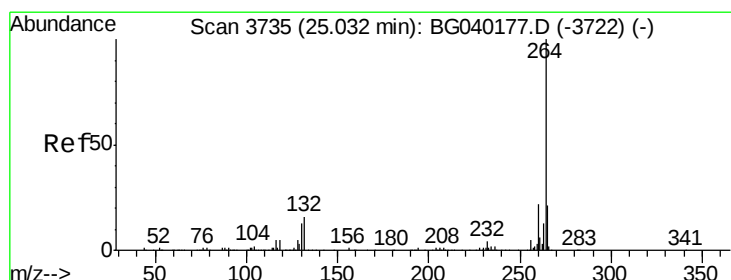
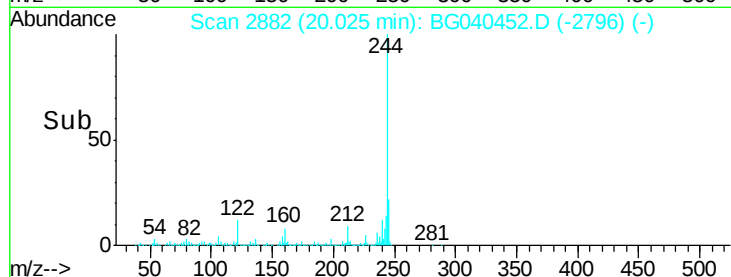
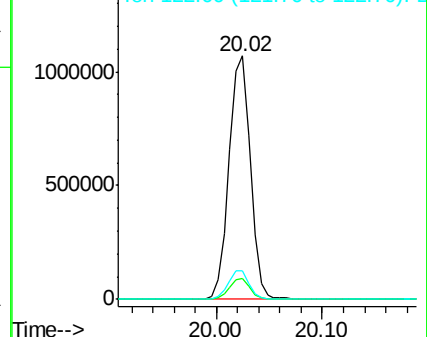
122 11.6 8.5 12.7



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. -0.05 min

Lab File: BG040452.D

Acq: 11 Apr 2019 22:09

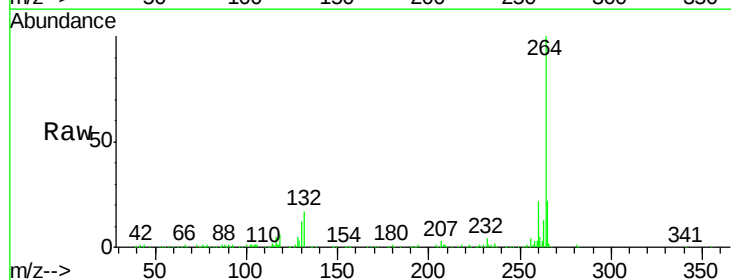
Tgt Ion:264 Resp: 406700

Ion Ratio Lower Upper

264 100

260 21.9 17.9 26.9

265 21.6 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

