

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
 Data File : BG040516.D
 Acq On : 16 Apr 2019 23:32
 Operator : JU/SJ
 Sample : PB118917BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118917BL

Quant Time: Apr 17 03:54:54 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	2493	20.00	ng	-0.03
21) Naphthalene-d8	11.33	136	53	20.00	ng	0.45
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.70
64) Phenanthrene-d10	17.51	188	55	20.00	ng	0.06
76) Chrysene-d12	21.58	240	66	20.00	ng	-0.15
87) Perylene-d12	24.36	264	56	20.00	ng	-0.68
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	338506	2257.27	ng	-0.02
7) Phenol-d6	7.20	99	472330	2279.02	ng	-0.02
23) Nitrobenzene-d5	9.22	82	287225	288056.30	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	166203	0.00	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	696336	0.00	ng	-0.03
79) Terphenyl-d14	20.02	244	1189860	405571.55	ng	-0.03

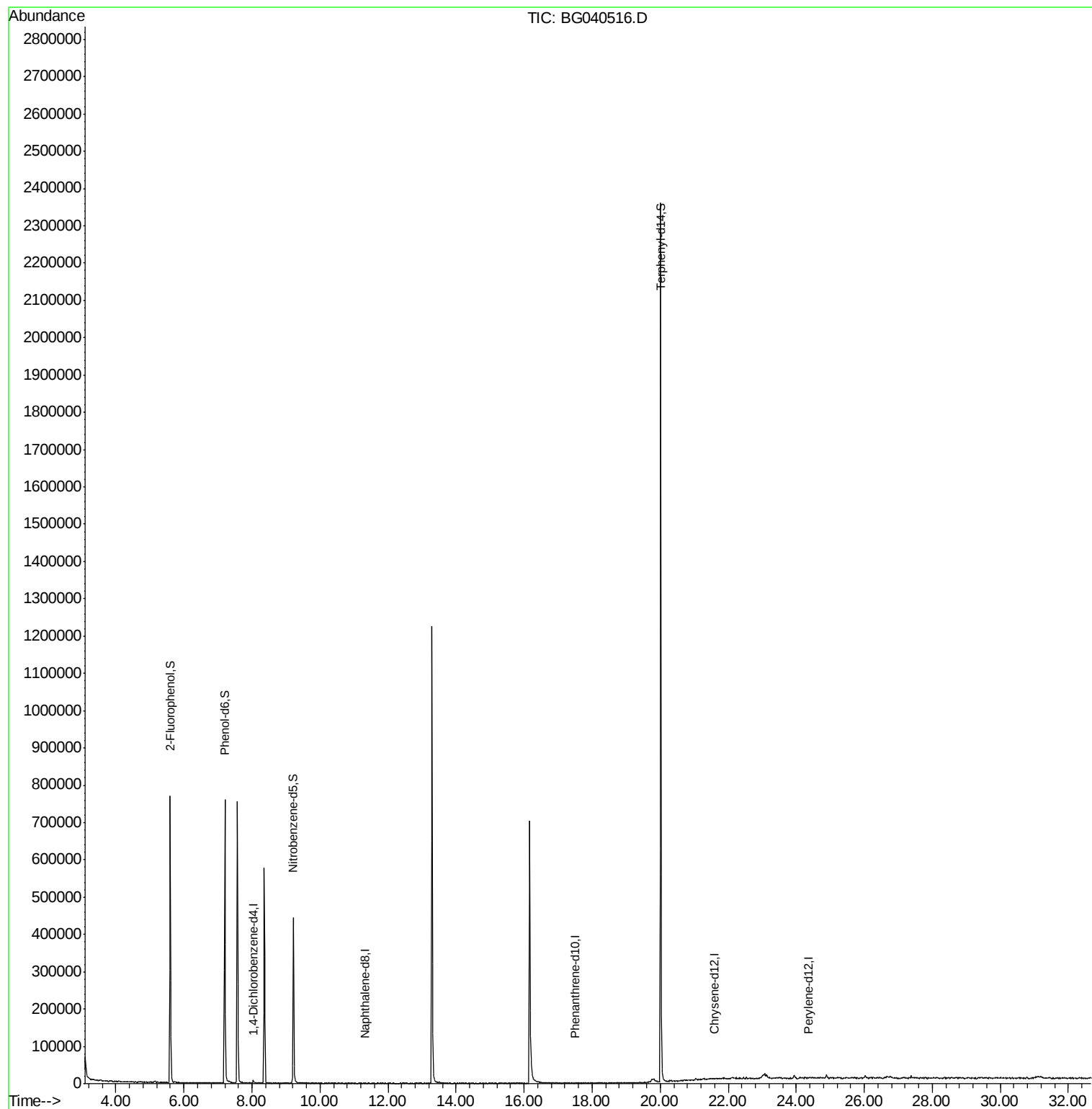
Target Compounds	Qvalue
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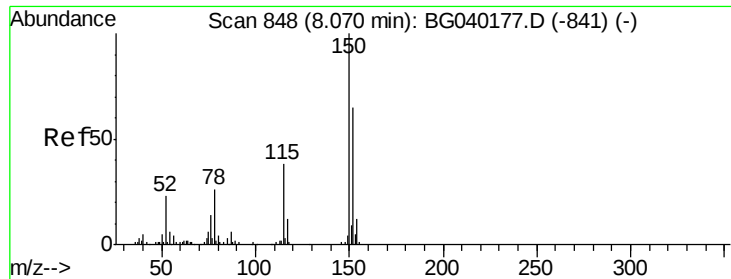
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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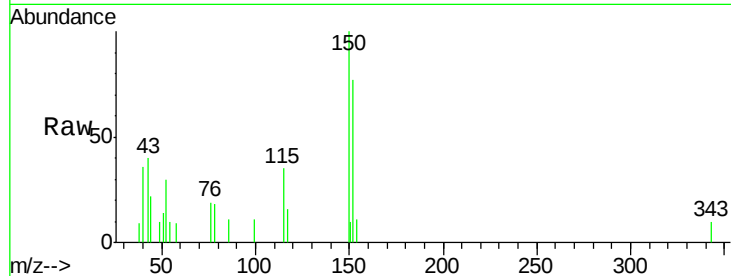


#1

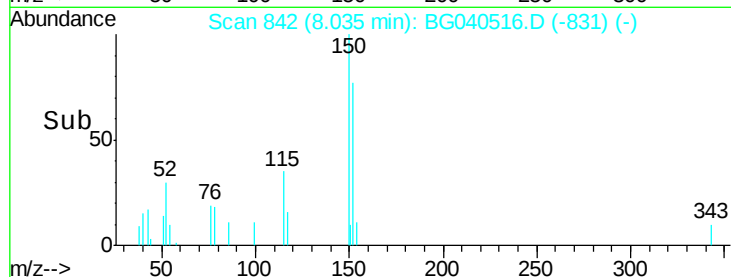
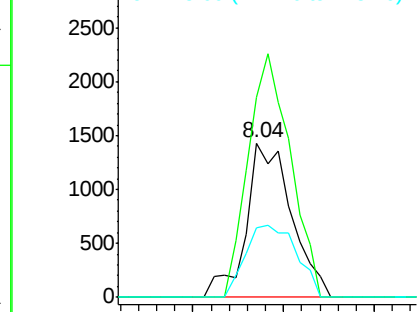
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.03 min
Lab File: BG040516.D
Acq: 16 Apr 2019 23:32

Instrument :
BNA_G
ClientSampleId :
PB118917BL

Tgt Ion:152 Resp: 2493
Ion Ratio Lower Upper
152 100
150 129.6 123.7 185.5
115 45.0 46.9 70.3#



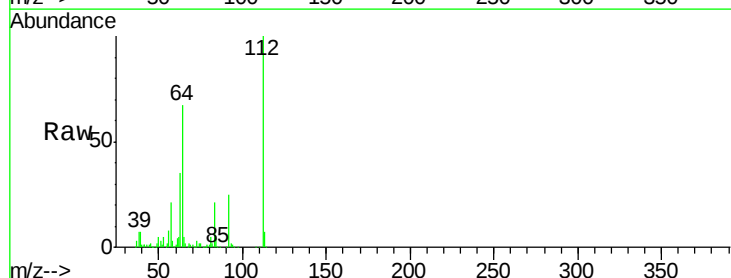
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



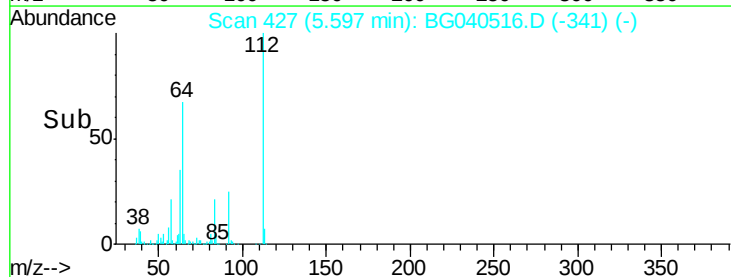
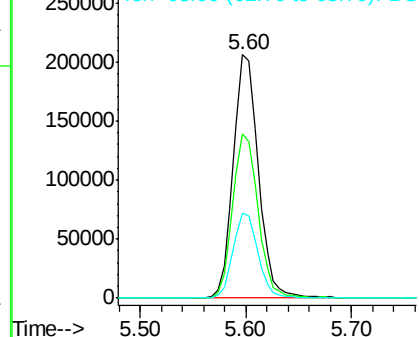
#5

2-Fluorophenol
Concen: 2257.266 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040516.D
Acq: 16 Apr 2019 23:32

Tgt Ion:112 Resp: 338506
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.2
63 34.7 26.4 39.6



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: 2279.023 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040516.D

Acq: 16 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

PB118917BL

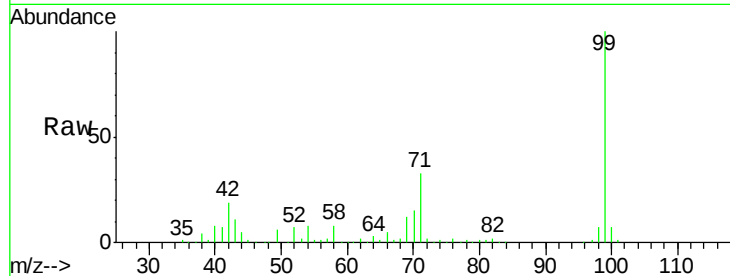
Tgt Ion: 99 Resp: 472330

Ion Ratio Lower Upper

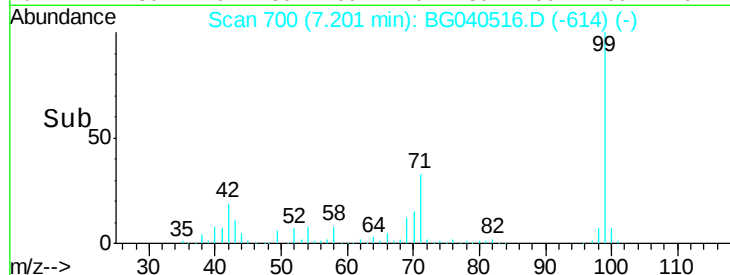
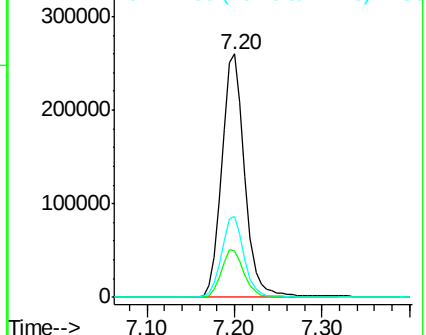
99 100

42 19.2 16.2 24.2

71 33.5 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: 11.33 min Scan# 1403

Delta R.T. 0.45 min

Lab File: BG040516.D

Acq: 16 Apr 2019 23:32

Tgt Ion: 136 Resp: 53

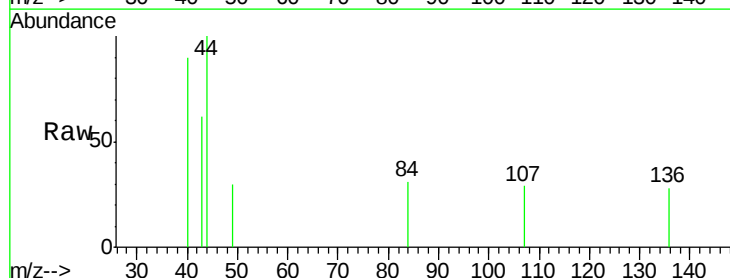
Ion Ratio Lower Upper

136 100

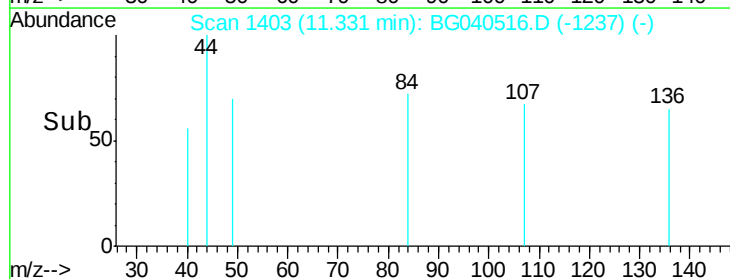
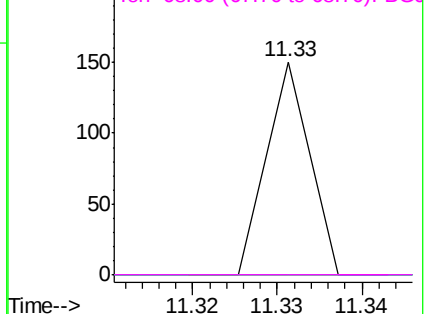
137 0.0 8.9 13.3#

54 0.0 9.6 14.4#

68 0.0 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

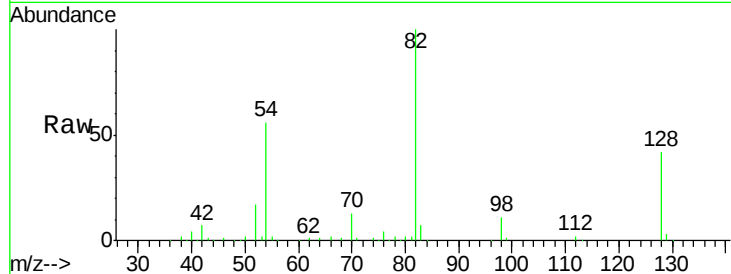




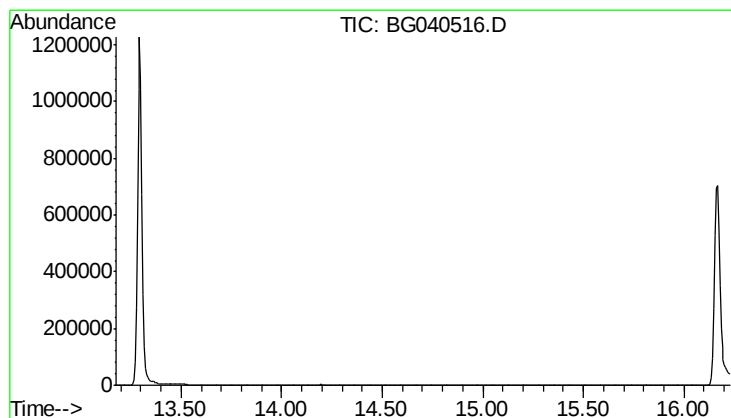
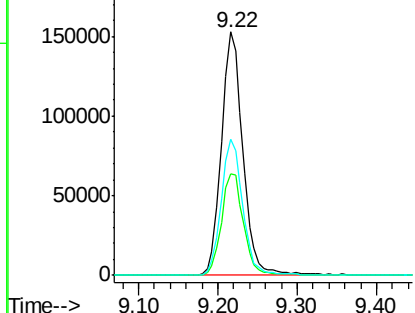
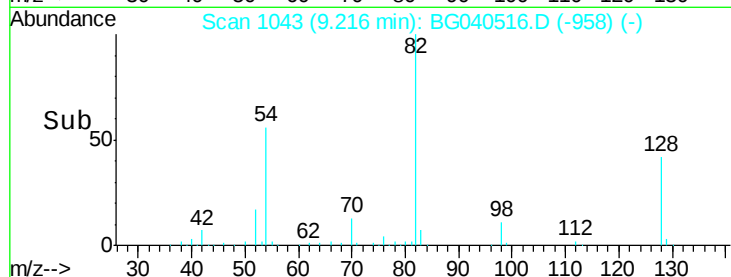
#23
 Nitrobenzene-d5
 Concen: 288056.302 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040516.D
 Acq: 16 Apr 2019 23:32

Instrument :
 BNA_G
 ClientSampleId :
 PB118917BL

Tgt Ion: 82 Resp: 287225
 Ion Ratio Lower Upper
 82 100
 128 41.9 35.8 53.8
 54 55.8 46.2 69.2



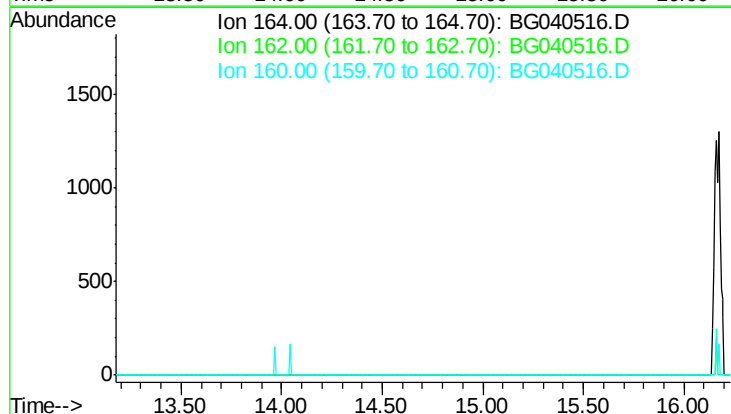
Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 14.70 min

Lab File: BG040516.D
 Acq: 16 Apr 2019 23:32

Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 96.8
 160 44.1

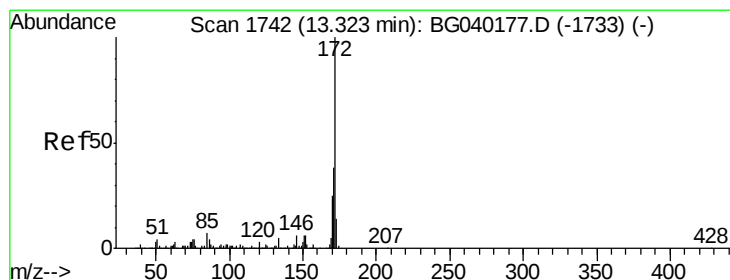
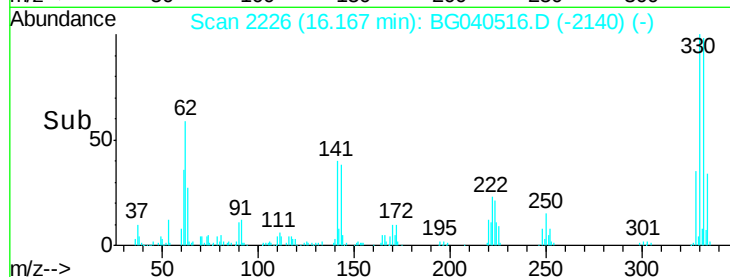
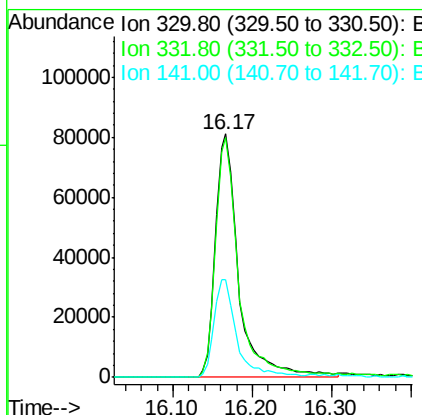
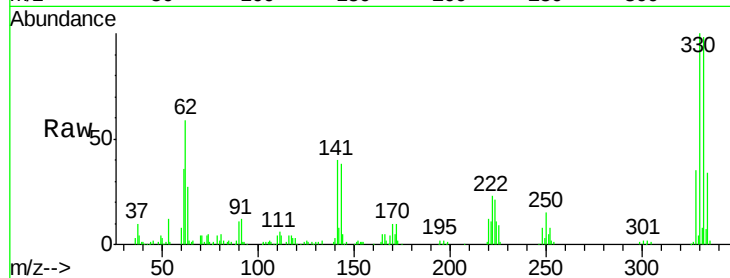




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040516.D
 Acq: 16 Apr 2019 23:32

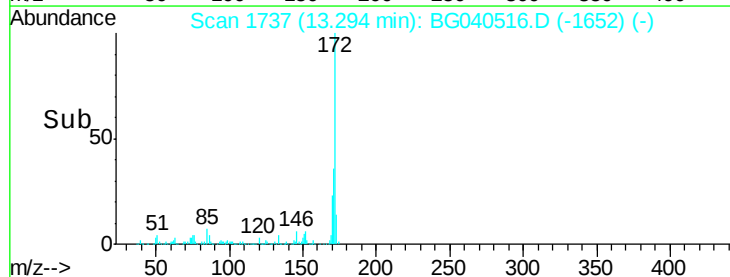
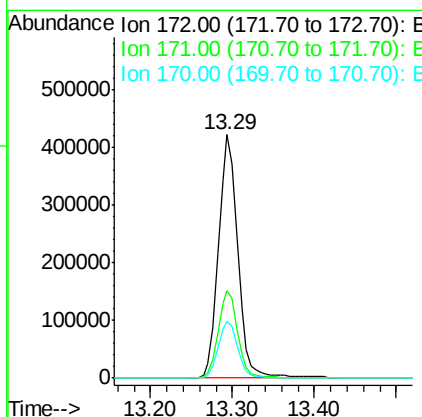
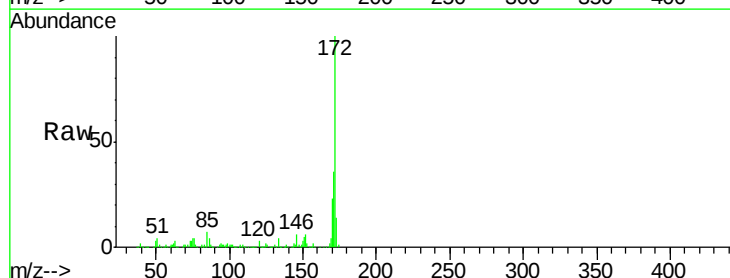
Instrument :
 BNA_G
 ClientSampleId :
 PB118917BL

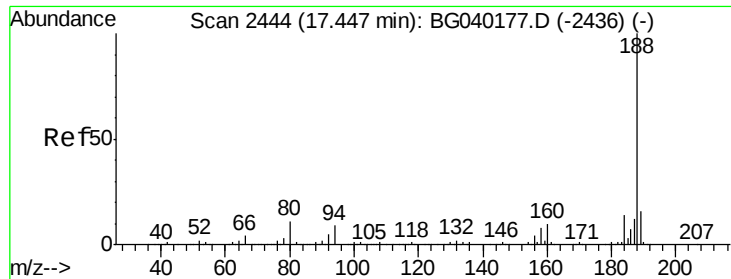
Tgt Ion:330 Resp: 166203
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 39.1 32.6 48.8



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040516.D
 Acq: 16 Apr 2019 23:32

Tgt Ion:172 Resp: 696336
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.5 45.7
 170 23.2 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2454

Delta R.T. 0.06 min

Lab File: BG040516.D

Acq: 16 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

PB118917BL

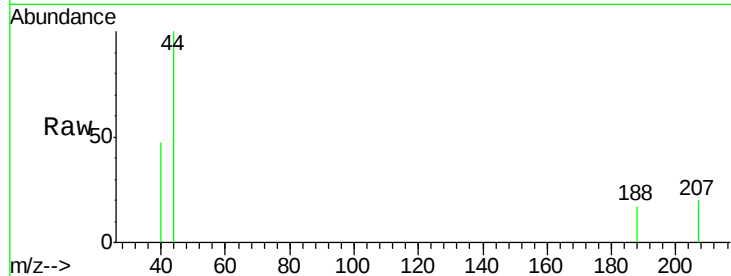
Tgt Ion:188 Resp: 55

Ion Ratio Lower Upper

188 100

94 0.0 7.0 10.4#

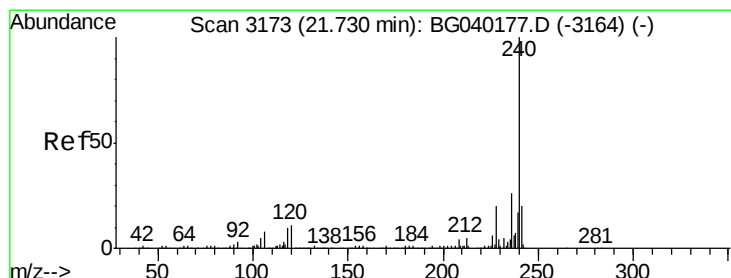
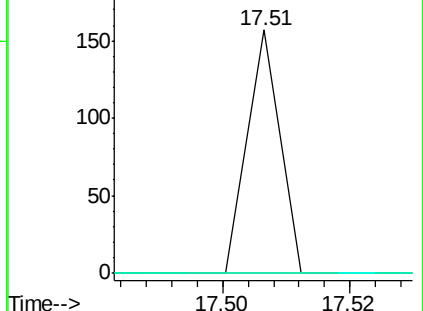
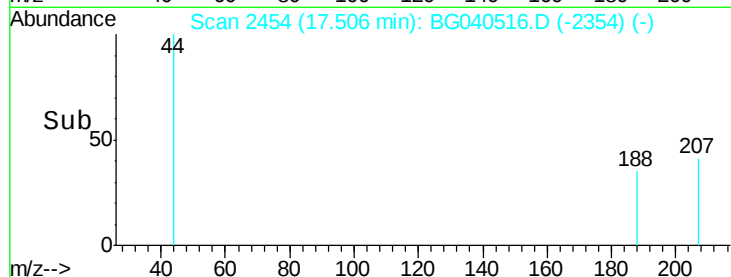
80 0.0 8.6 13.0#



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: 21.58 min Scan# 3148

Delta R.T. -0.15 min

Lab File: BG040516.D

Acq: 16 Apr 2019 23:32

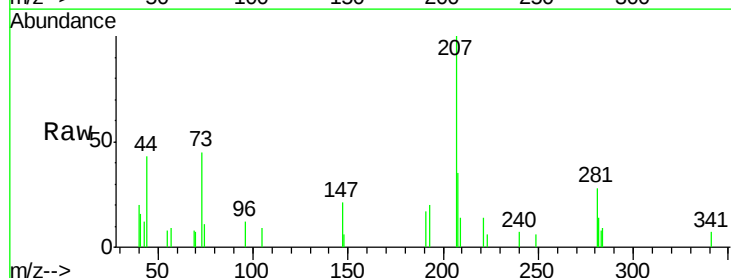
Tgt Ion:240 Resp: 66

Ion Ratio Lower Upper

240 100

120 0.0 8.4 12.6#

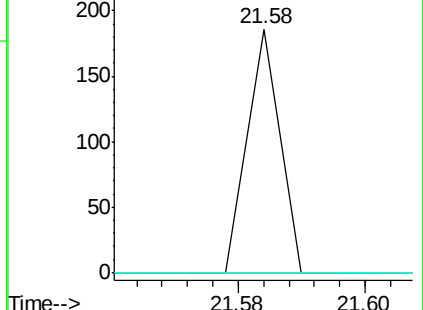
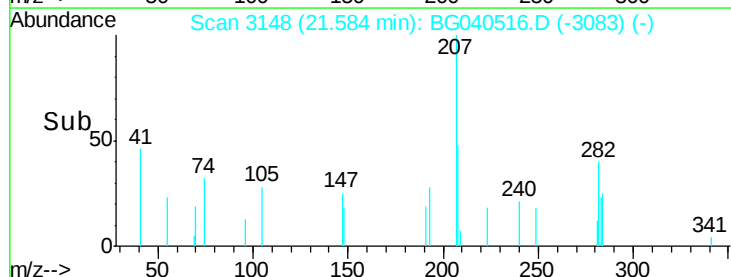
236 0.0 20.8 31.2#



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: 405571.546 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040516.D

Acq: 16 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

PB118917BL

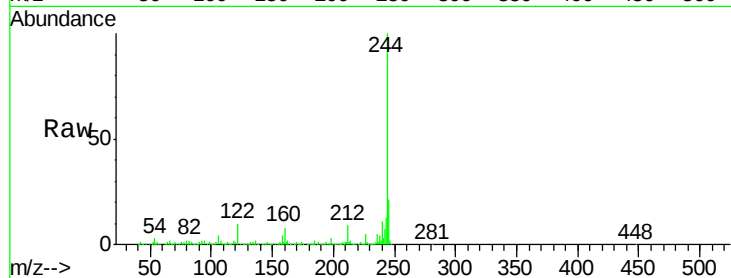
Tgt Ion:244 Resp: 1189860

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

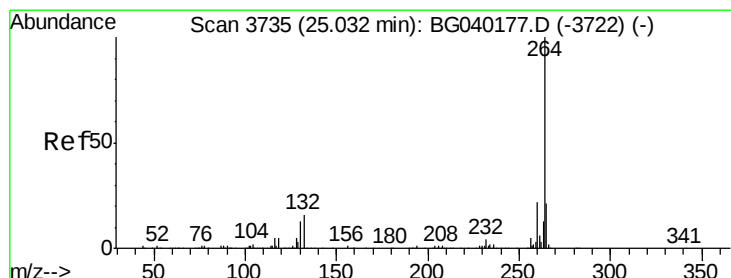
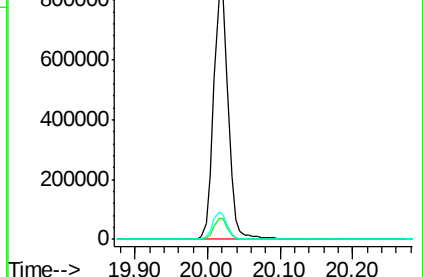
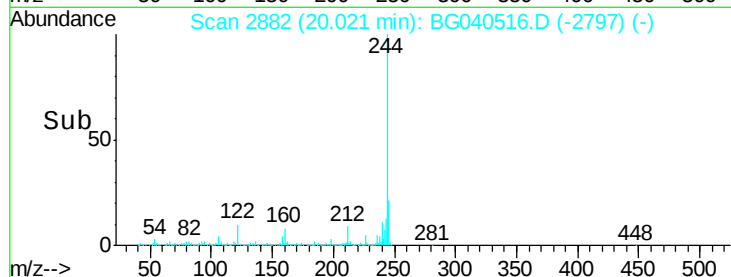
122 10.2 8.5 12.7



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: 24.36 min Scan# 3620

Delta R.T. -0.68 min

Lab File: BG040516.D

Acq: 16 Apr 2019 23:32

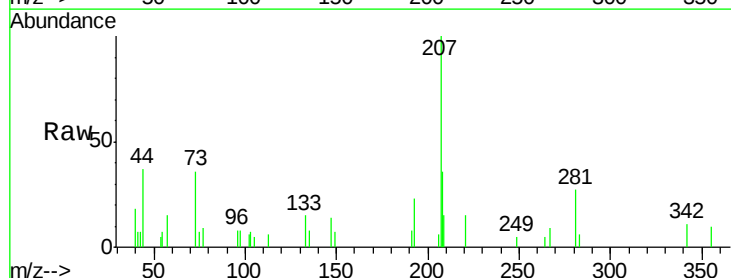
Tgt Ion:264 Resp: 56

Ion Ratio Lower Upper

264 100

260 0.0 17.9 26.9#

265 0.0 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

