

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040919\
 Data File : BG040411.D
 Acq On : 9 Apr 2019 23:08
 Operator : JU/SJ
 Sample : PB118723TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118723TB

Quant Time: Apr 10 04:39:46 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	8.05	152	38535	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	143939	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	87023	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	232750	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	281921	20.00	ng	-0.03
87) Perylene-d12	24.98	264	291151	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	266092	114.79	ng	-0.02
7) Phenol-d6	7.20	99	366856	114.52	ng	-0.02
23) Nitrobenzene-d5	9.22	82	208018	76.82	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	104633	111.25	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	498614	84.90	ng	-0.02
79) Terphenyl-d14	20.02	244	951757	75.95	ng	-0.03

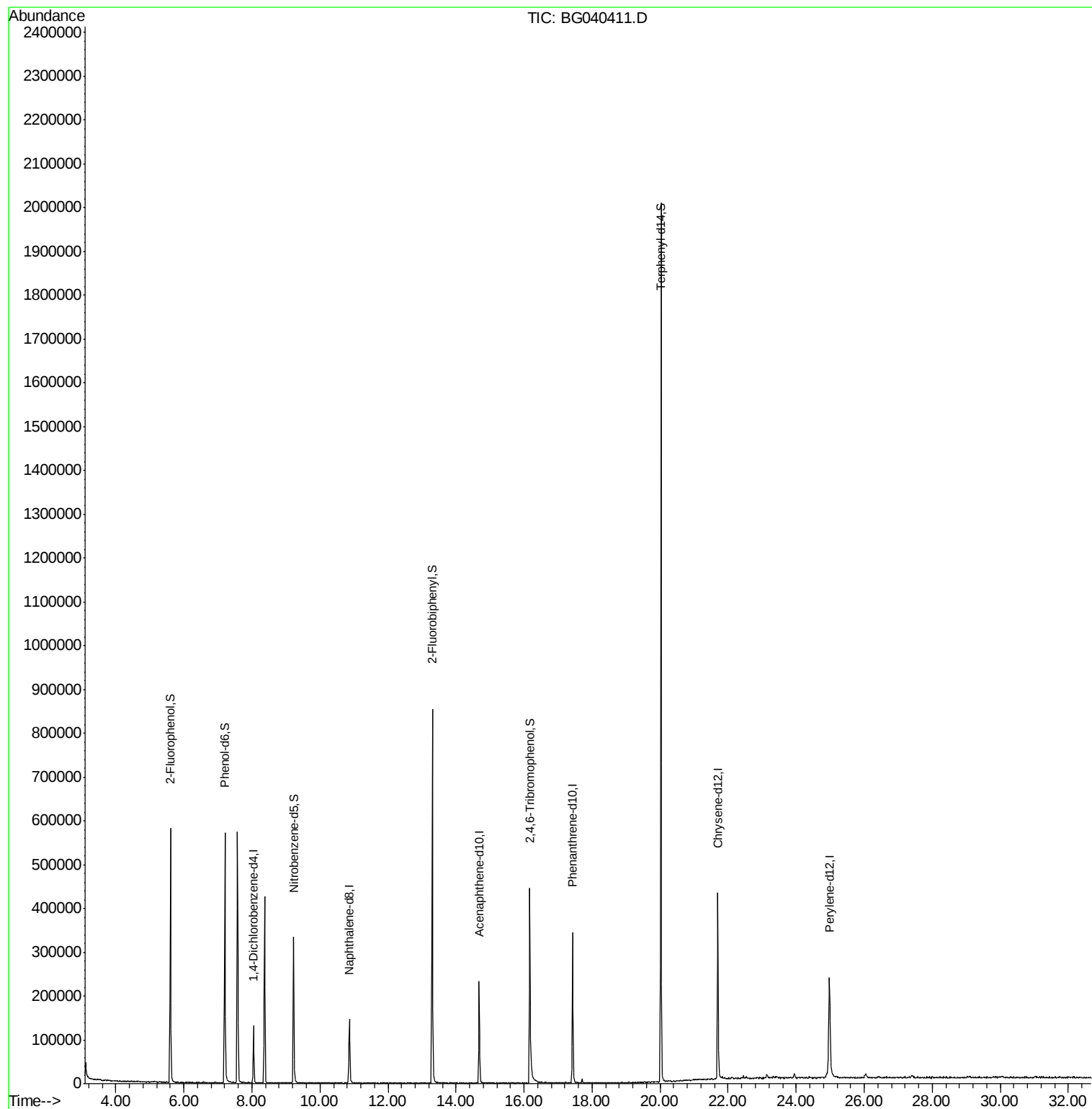
Target Compounds	Qvalue
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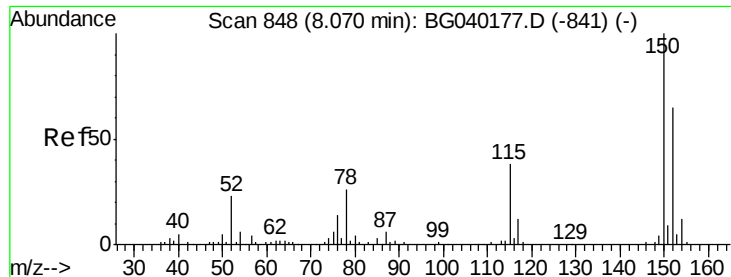
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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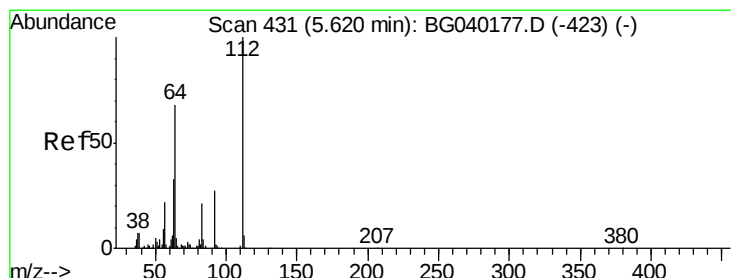
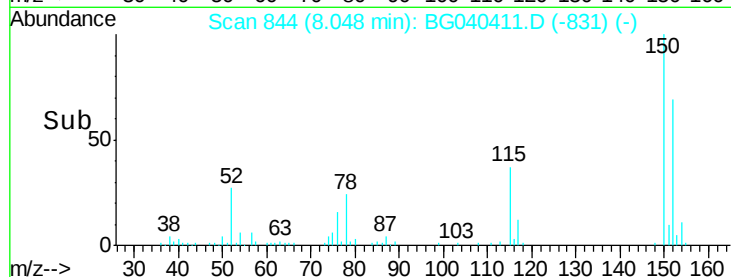
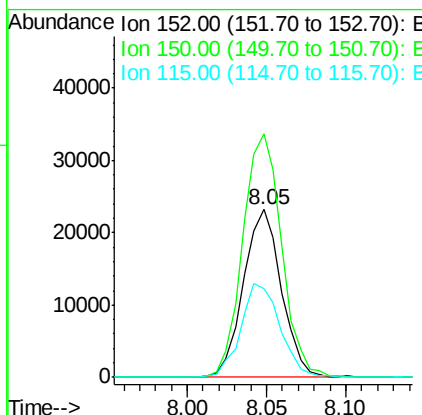
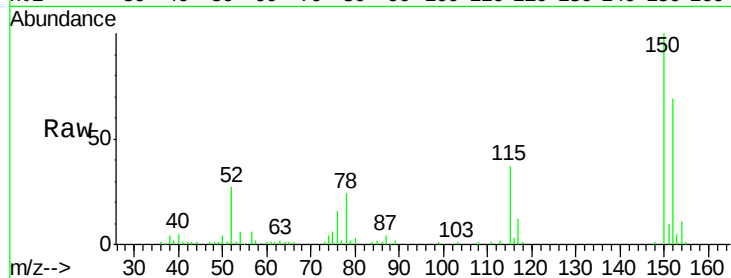


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040411.D
Acq: 9 Apr 2019 23:08

Instrument :
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ClientSampleId :
PB118723TB

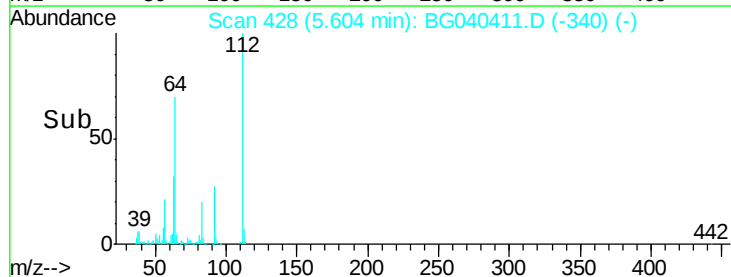
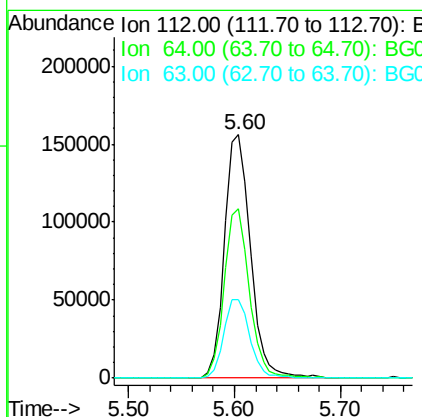
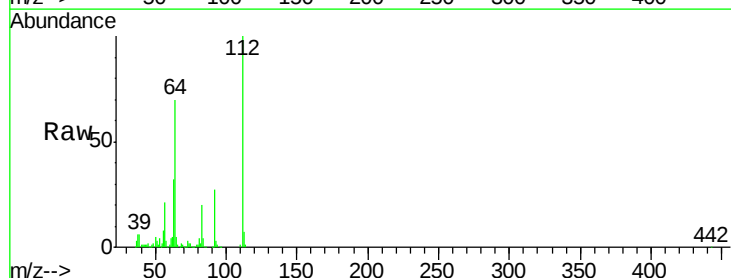
Tgt Ion:152 Resp: 38535
Ion Ratio Lower Upper
152 100
150 145.3 123.7 185.5
115 53.3 46.9 70.3

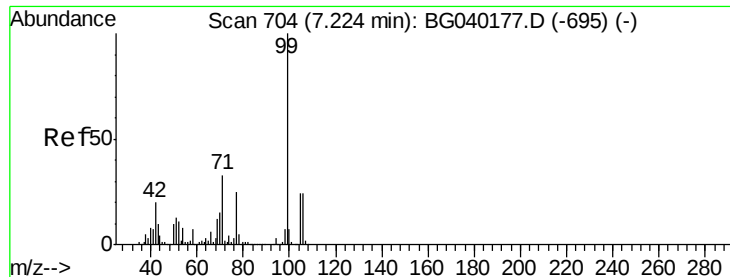


#5

2-Fluorophenol
Concen: 114.793 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040411.D
Acq: 9 Apr 2019 23:08

Tgt Ion:112 Resp: 266092
Ion Ratio Lower Upper
112 100
64 69.7 54.2 81.2
63 32.3 26.4 39.6





#7

Phenol-d6

Concen: 114.516 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040411.D

Acq: 9 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

PB118723TB

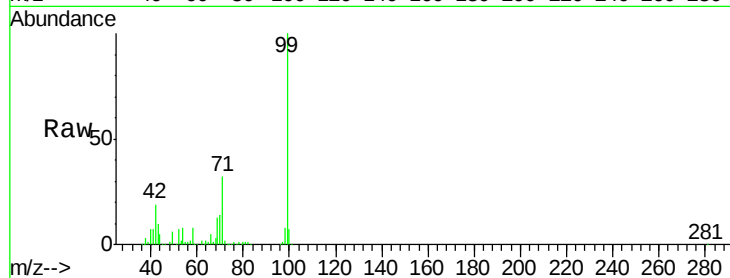
Tgt Ion: 99 Resp: 366856

Ion Ratio Lower Upper

99 100

42 18.8 16.2 24.2

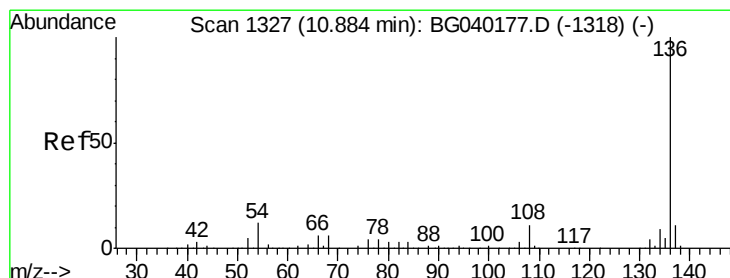
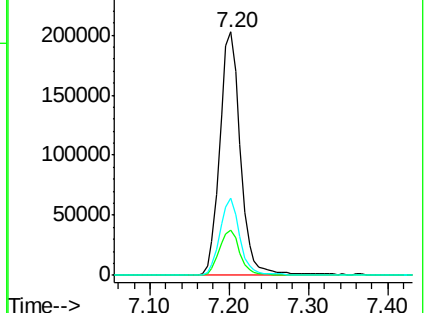
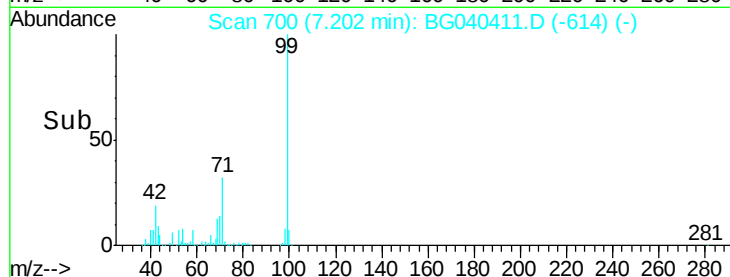
71 31.8 26.8 40.2



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# 1323

Delta R.T. -0.02 min

Lab File: BG040411.D

Acq: 9 Apr 2019 23:08

Tgt Ion: 136 Resp: 143939

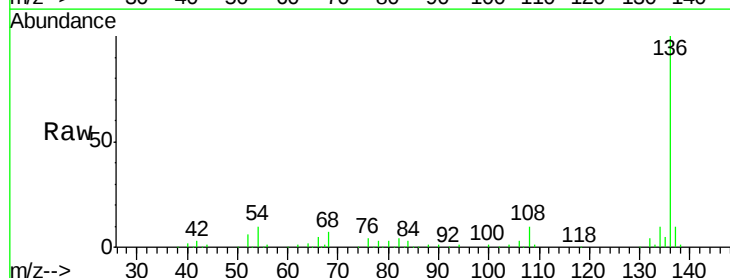
Ion Ratio Lower Upper

136 100

137 9.9 8.9 13.3

54 9.8 9.6 14.4

68 6.9 5.1 7.7

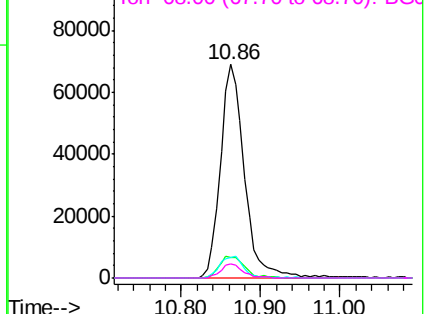
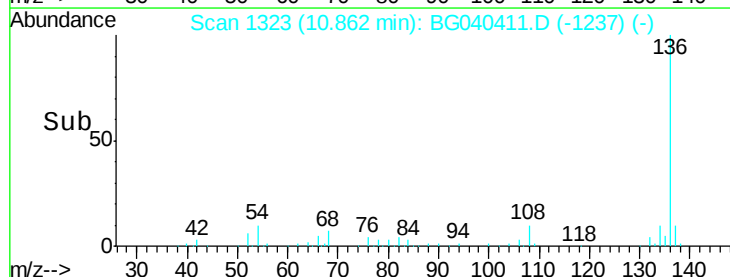


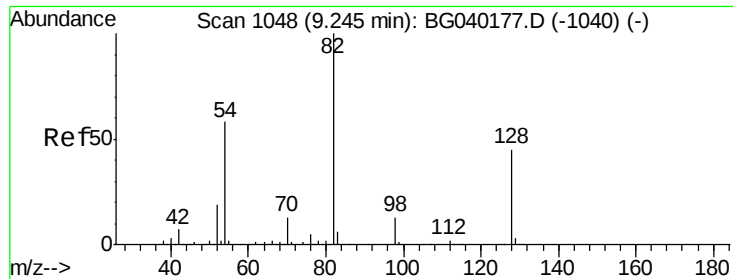
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

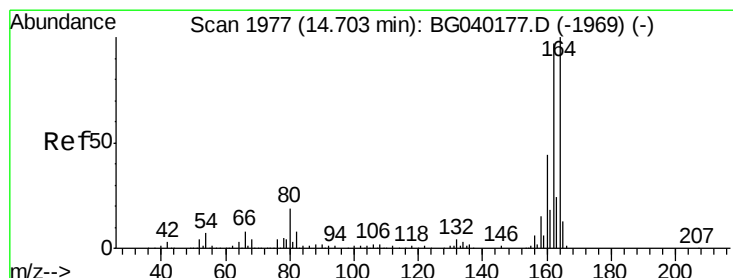
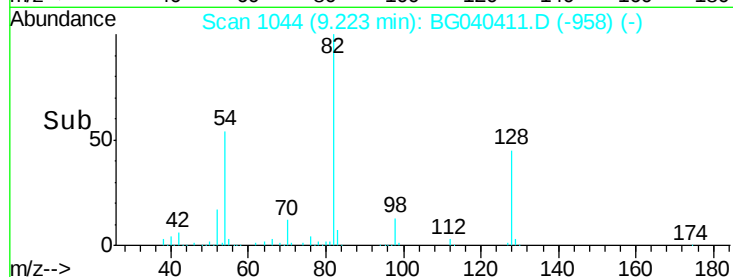
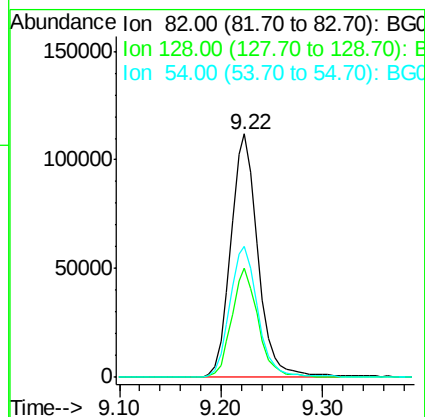
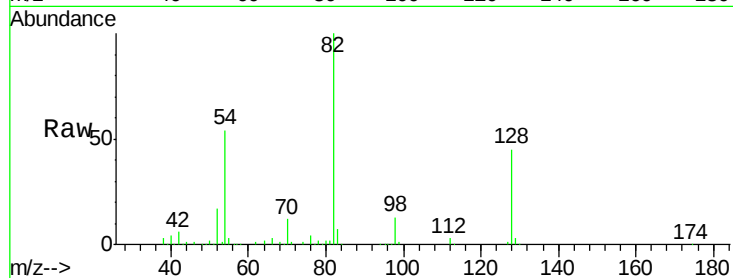




#23
 Nitrobenzene-d5
 Concen: 76.816 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040411.D
 Acq: 9 Apr 2019 23:08

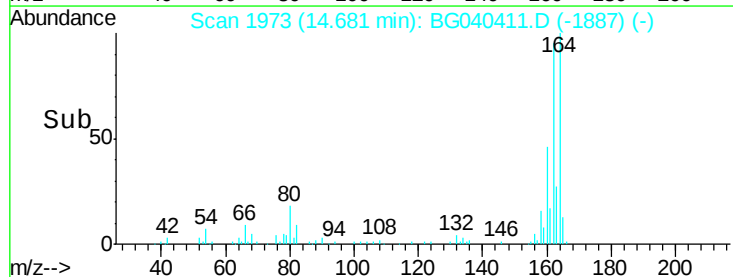
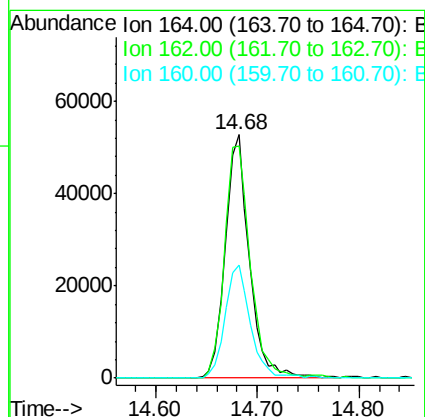
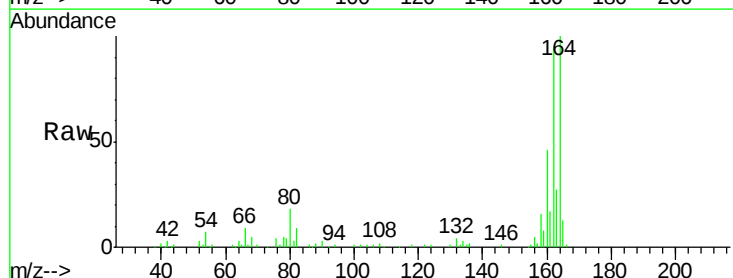
Instrument :
 BNA_G
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 PB118723TB

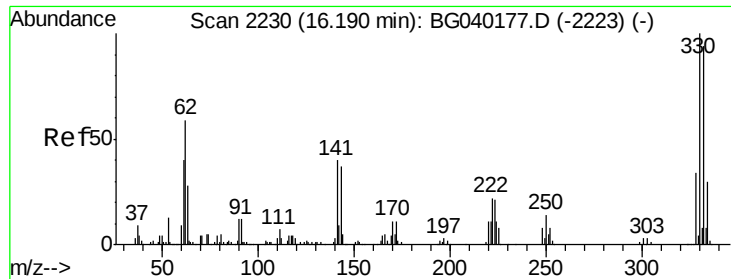
Tgt Ion: 82 Resp: 208018
 Ion Ratio Lower Upper
 82 100
 128 44.9 35.8 53.8
 54 53.9 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG040411.D
 Acq: 9 Apr 2019 23:08

Tgt Ion: 164 Resp: 87023
 Ion Ratio Lower Upper
 164 100
 162 95.3 77.4 116.2
 160 46.3 35.3 52.9

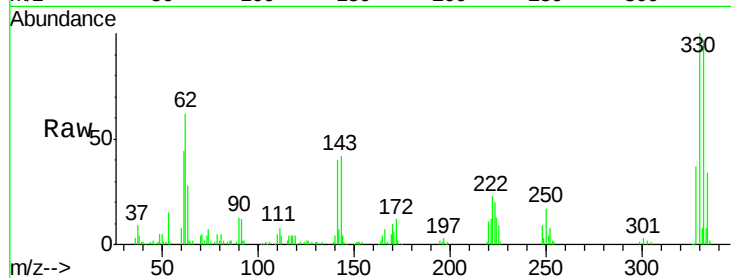




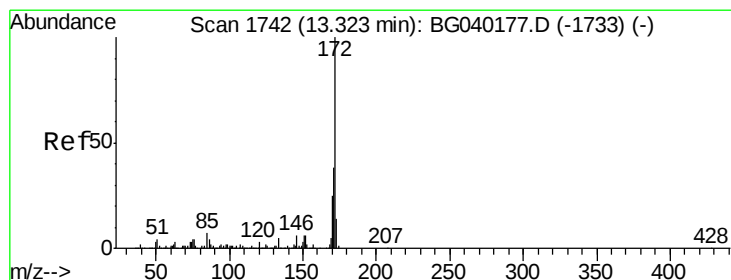
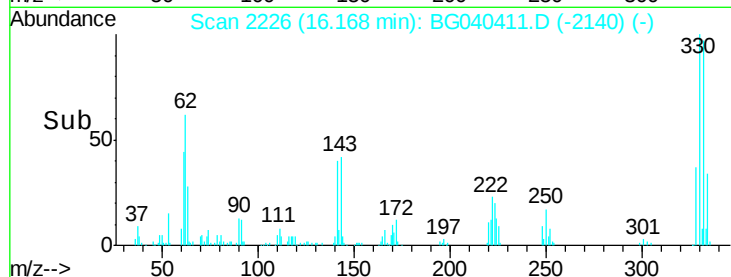
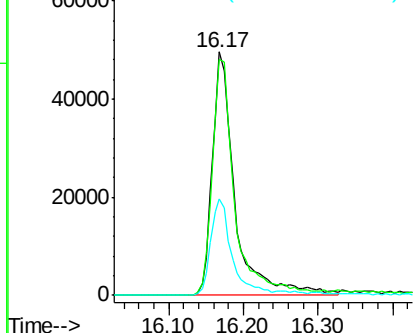
#42
 2,4,6-Tribromophenol
 Concen: 111.253 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040411.D
 Acq: 9 Apr 2019 23:08

Instrument :
 BNA_G
 ClientSampleId :
 PB118723TB

Tgt Ion:330 Resp: 104633
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 38.2 32.6 48.8

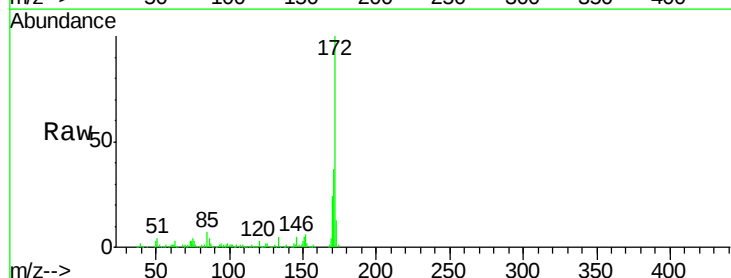


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

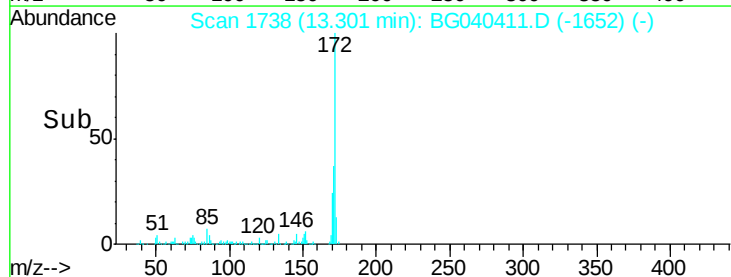
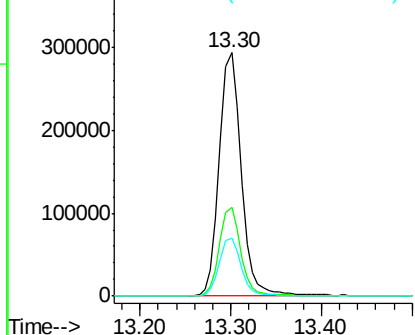


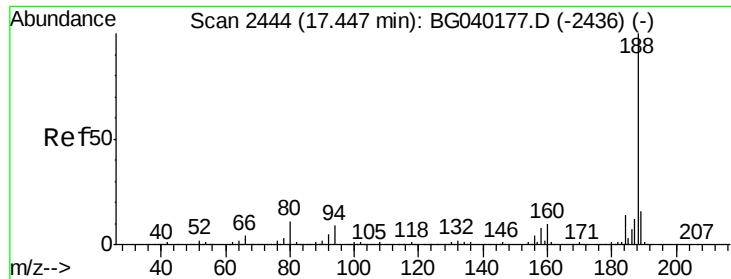
#45
 2-Fluorobiphenyl
 Concen: 84.900 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040411.D
 Acq: 9 Apr 2019 23:08

Tgt Ion:172 Resp: 498614
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.5 45.7
 170 23.8 20.1 30.1



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: 17.43 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040411.D

Acq: 9 Apr 2019 23:08

Instrument :

BNA_G

ClientSampleId :

PB118723TB

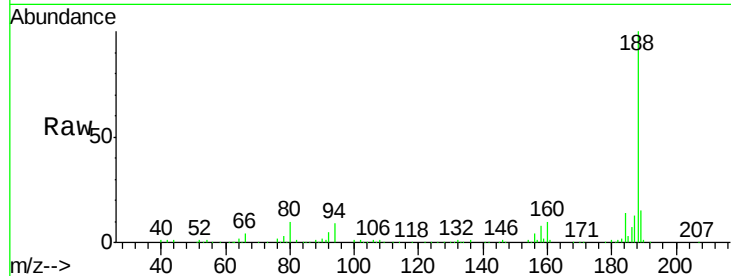
Tgt Ion:188 Resp: 232750

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

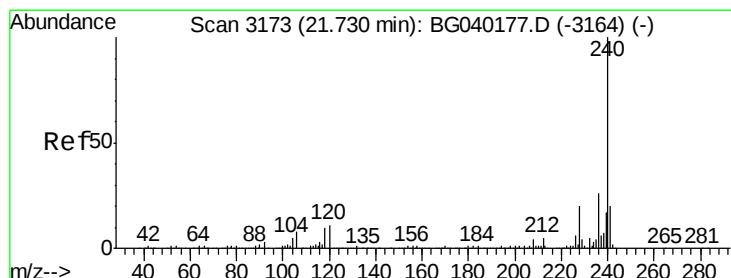
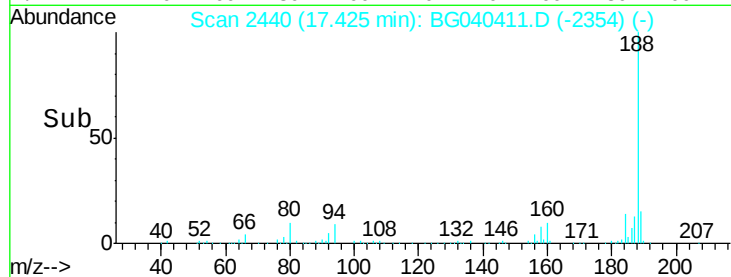
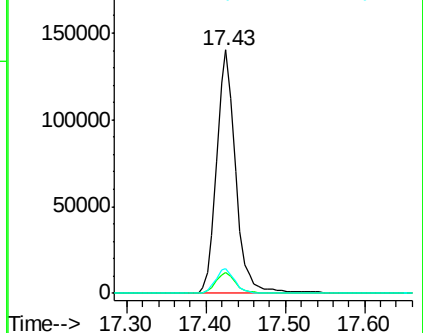
80 10.1 8.6 13.0



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: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040411.D

Acq: 9 Apr 2019 23:08

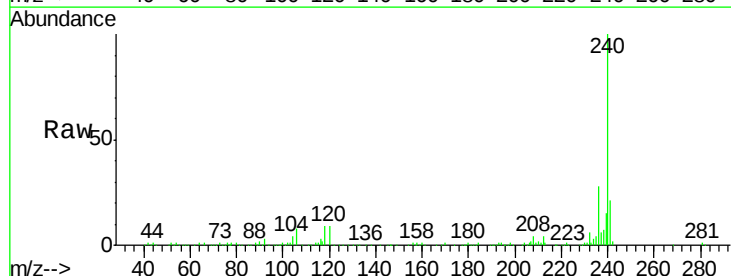
Tgt Ion:240 Resp: 281921

Ion Ratio Lower Upper

240 100

120 9.0 8.4 12.6

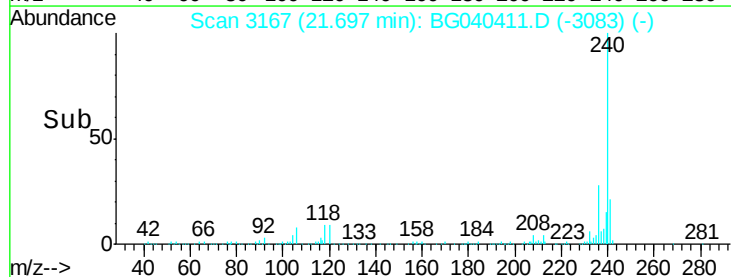
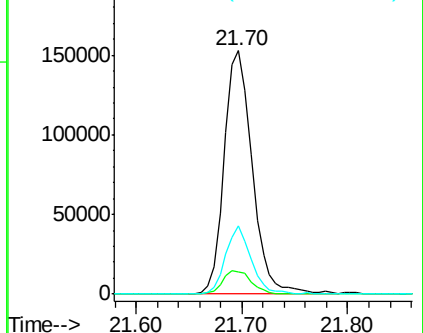
236 28.1 20.8 31.2

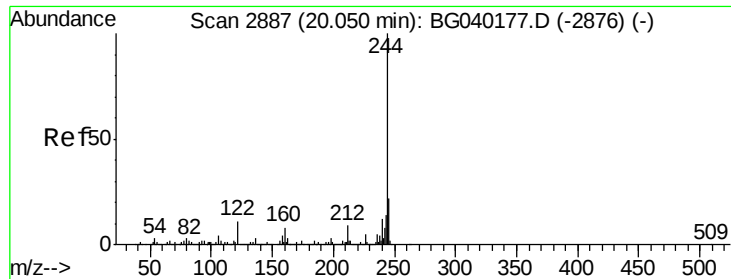


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

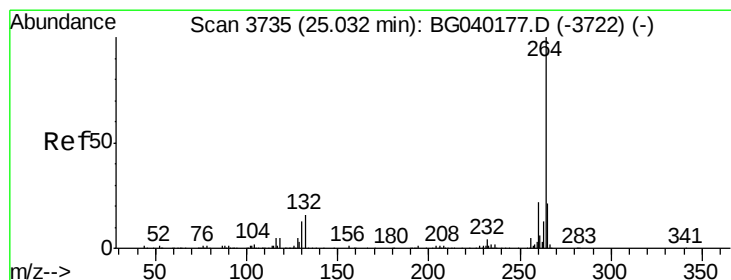
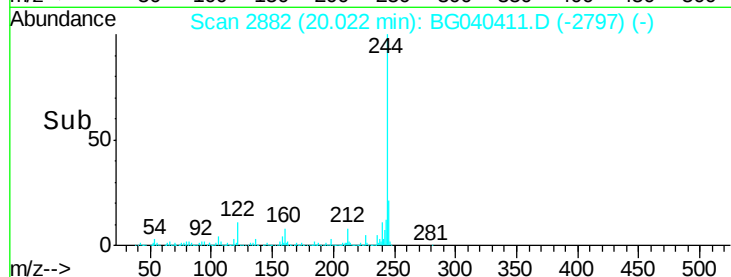
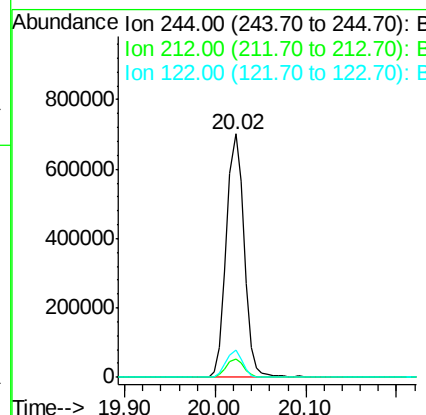
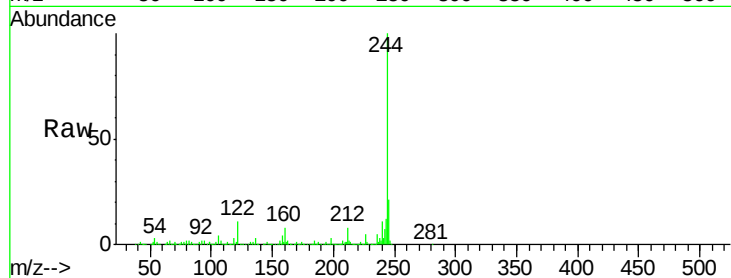




#79
 Terphenyl-d14
 Concen: 75.948 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.03 min
 Lab File: BG040411.D
 Acq: 9 Apr 2019 23:08

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Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.0	10.6
122	11.2	8.5	12.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.98 min Scan# 3726
 Delta R.T. -0.05 min
 Lab File: BG040411.D
 Acq: 9 Apr 2019 23:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.9	26.9
265	20.7	16.8	25.2

