

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
 Data File : BG040336.D
 Acq On : 3 Apr 2019 21:47
 Operator : JU/SJ
 Sample : K1695-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DPC-91723-SO-TP5-B

Quant Time: Apr 04 02:36:45 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

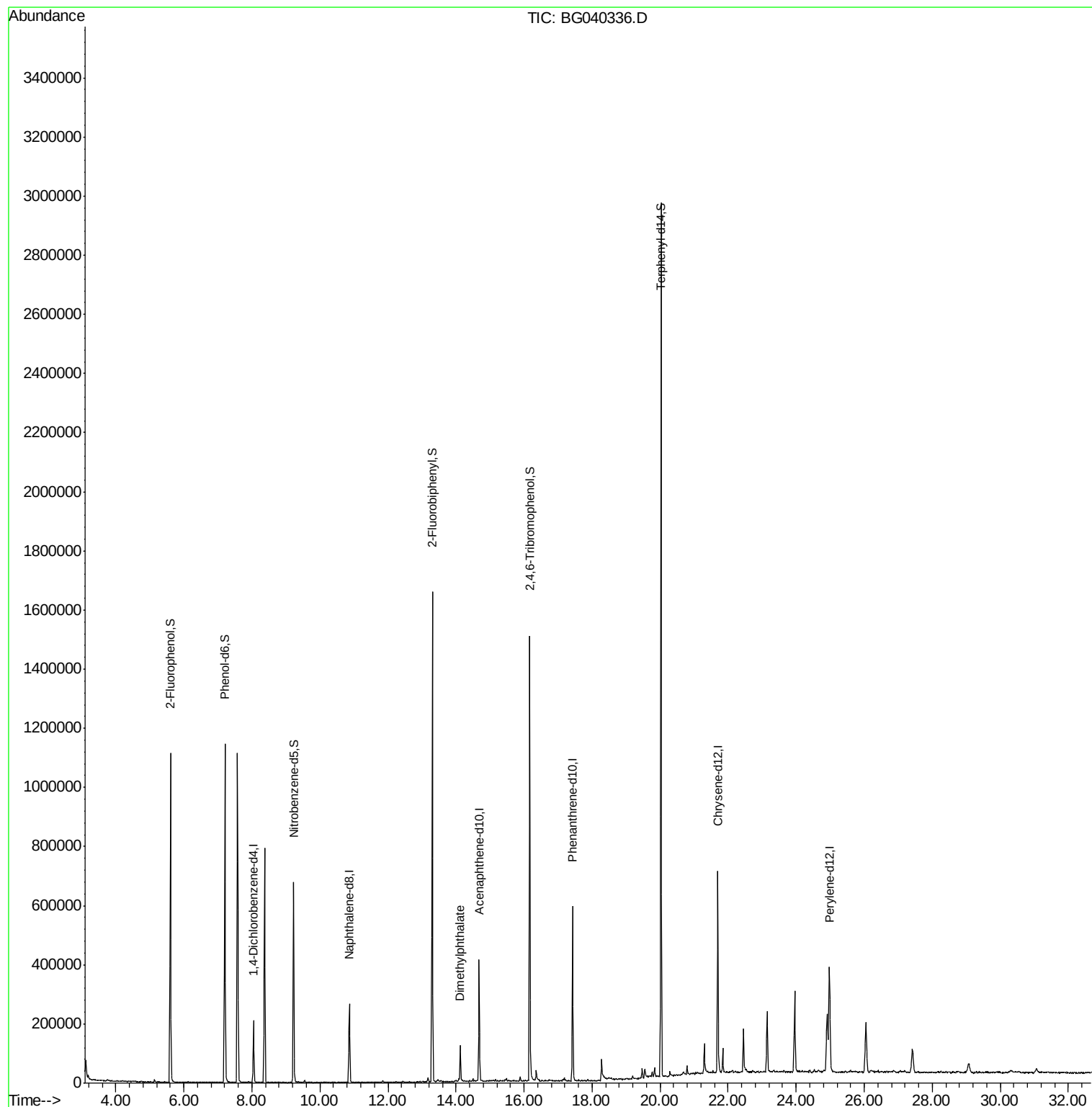
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	60384	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	239299	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	146553	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	361503	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	403358	20.00	ng	-0.03
87) Perylene-d12	24.98	264	399778	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	505690	139.22	ng	-0.01
7) Phenol-d6	7.20	99	695254	138.50	ng	-0.02
23) Nitrobenzene-d5	9.22	82	416753	92.57	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	266851	168.48	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	882704	89.25	ng	-0.02
79) Terphenyl-d14	20.02	244	1394135	77.76	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.12	163	75023	6.541	ng	Qvalue 97

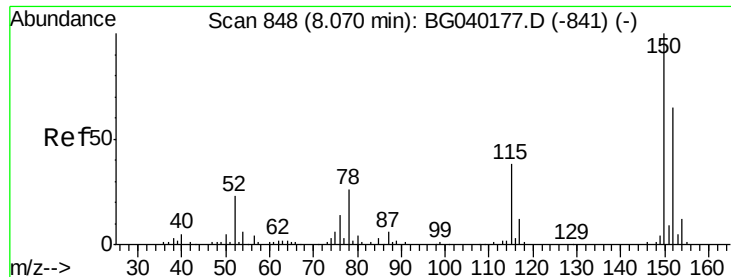
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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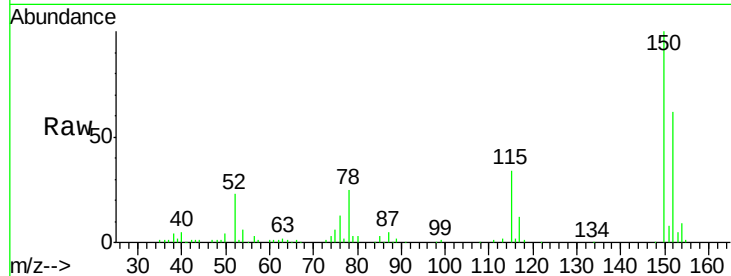


#1

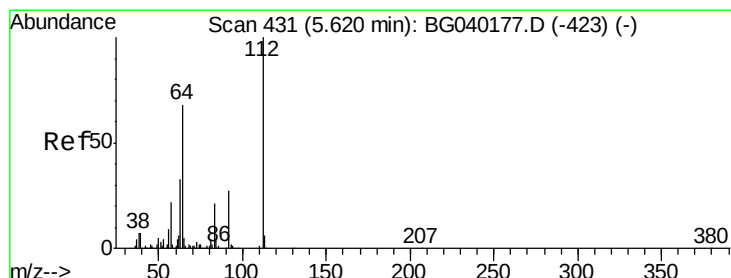
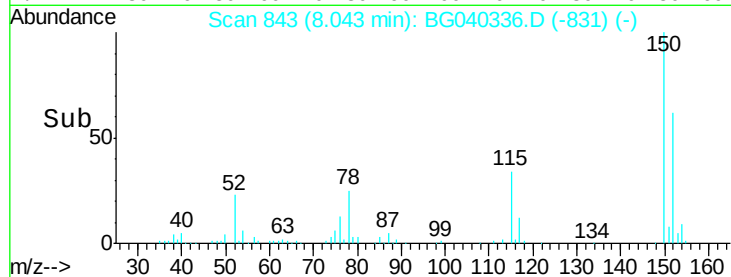
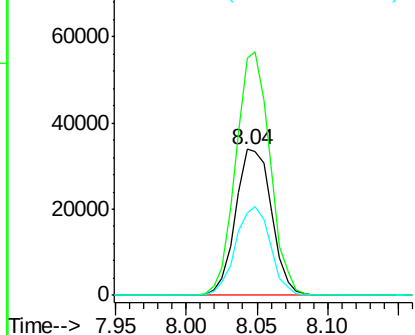
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040336.D
Acq: 3 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
DPC-91723-SO-TP5-B

Tgt Ion:152 Resp: 60384
Ion Ratio Lower Upper
152 100
150 162.6 123.7 185.5
115 55.9 46.9 70.3



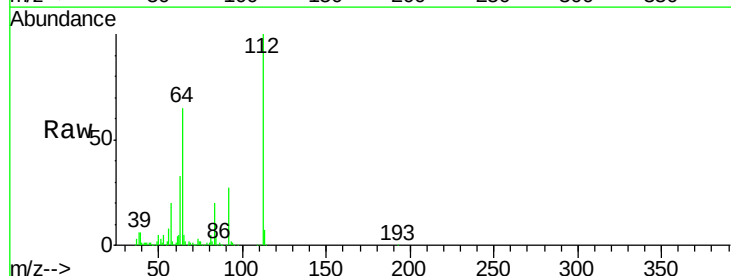
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



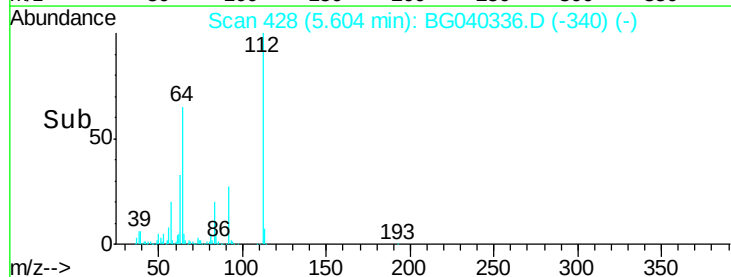
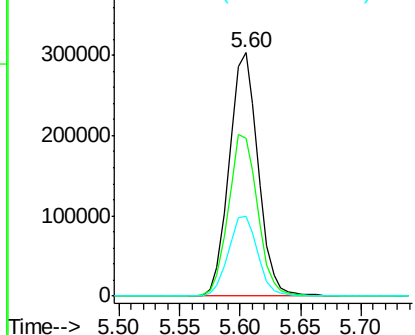
#5

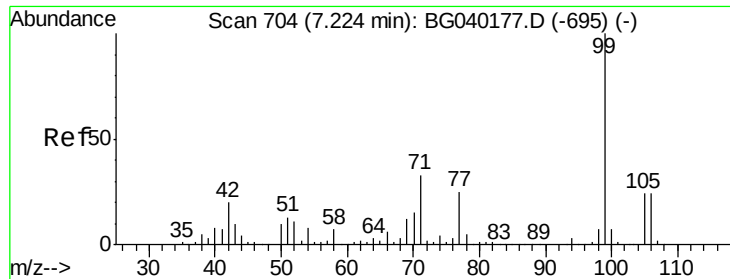
2-Fluorophenol
Concen: 139.220 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040336.D
Acq: 3 Apr 2019 21:47

Tgt Ion:112 Resp: 505690
Ion Ratio Lower Upper
112 100
64 65.0 54.2 81.2
63 33.0 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: 138.499 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040336.D

Acq: 3 Apr 2019 21:47

Instrument :

BNA_G

ClientSampleId :

DPC-91723-SO-TP5-B

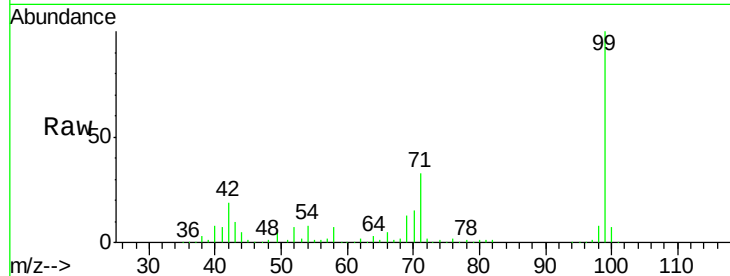
Tgt Ion: 99 Resp: 695254

Ion Ratio Lower Upper

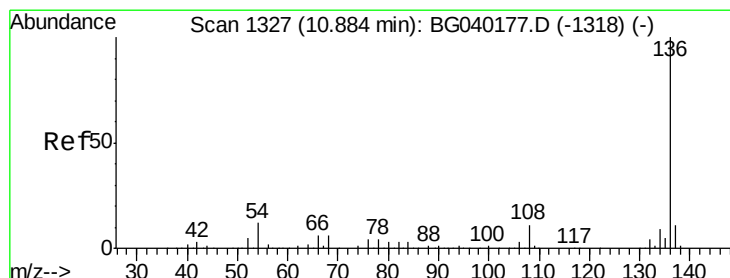
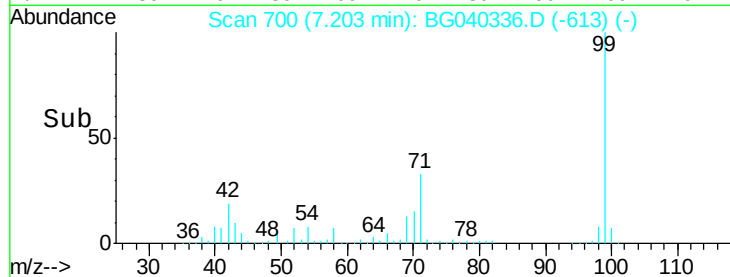
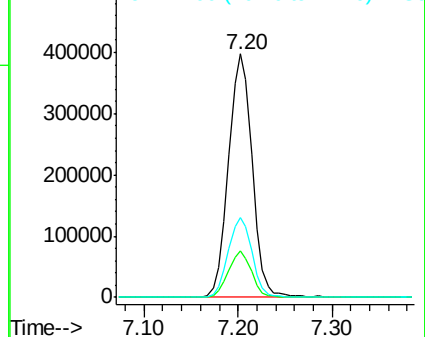
99 100

42 19.0 16.2 24.2

71 33.0 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: BG040336.D

Acq: 3 Apr 2019 21:47

Tgt Ion: 136 Resp: 239299

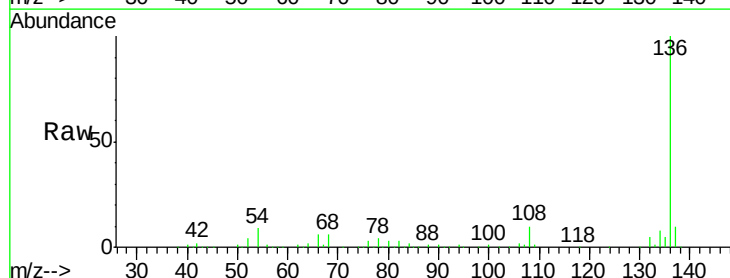
Ion Ratio Lower Upper

136 100

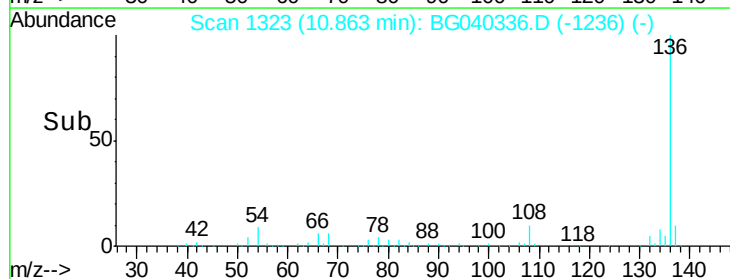
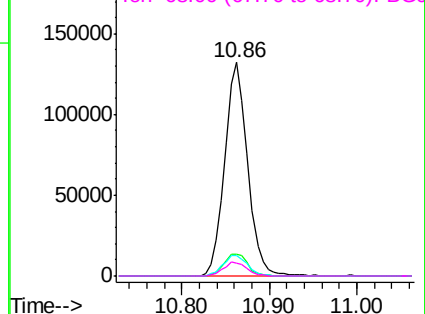
137 10.1 8.9 13.3

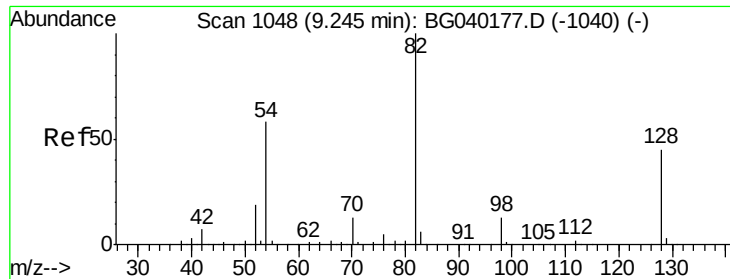
54 9.4 9.6 14.4#

68 6.0 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

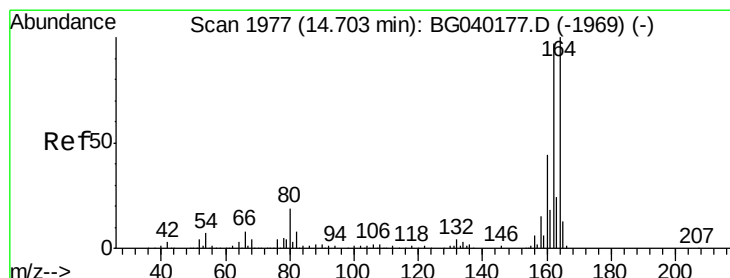
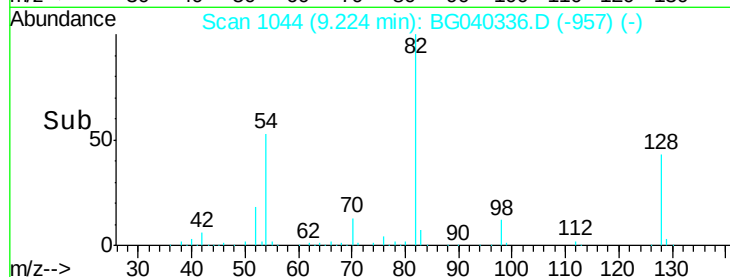
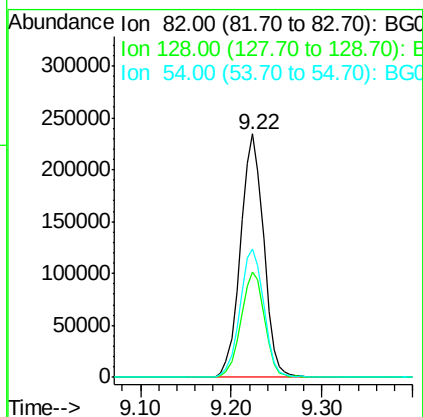
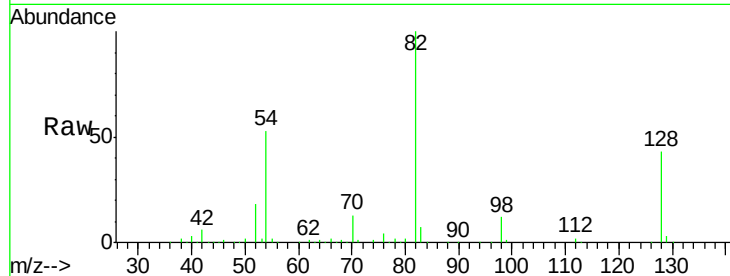




#23
Nitrobenzene-d5
Concen: 92.570 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040336.D
Acq: 3 Apr 2019 21:47

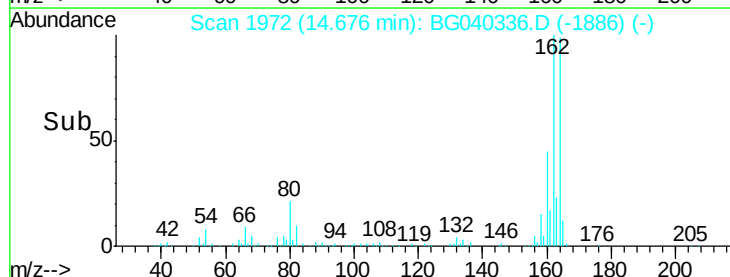
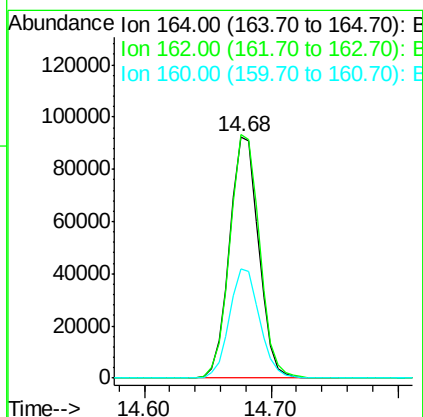
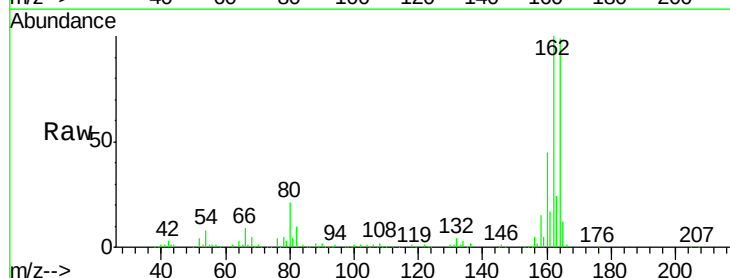
Instrument :
BNA_G
ClientSampleId :
DPC-91723-SO-TP5-B

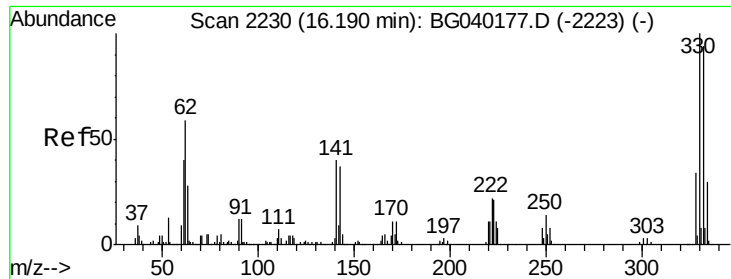
Tgt Ion: 82 Resp: 416753
Ion Ratio Lower Upper
82 100
128 43.3 35.8 53.8
54 53.0 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040336.D
Acq: 3 Apr 2019 21:47

Tgt Ion: 164 Resp: 146553
Ion Ratio Lower Upper
164 100
162 100.8 77.4 116.2
160 45.1 35.3 52.9

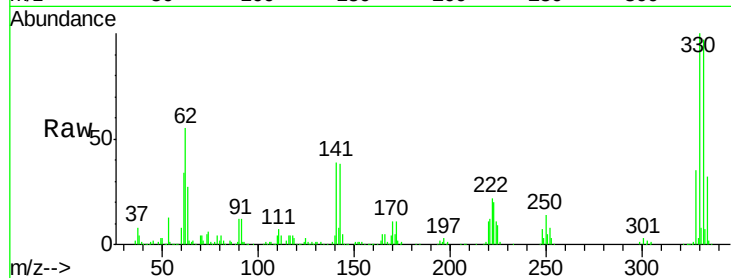




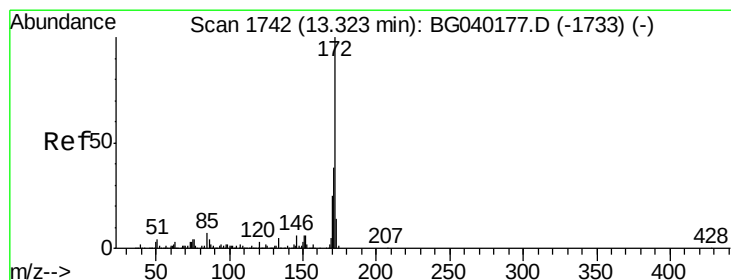
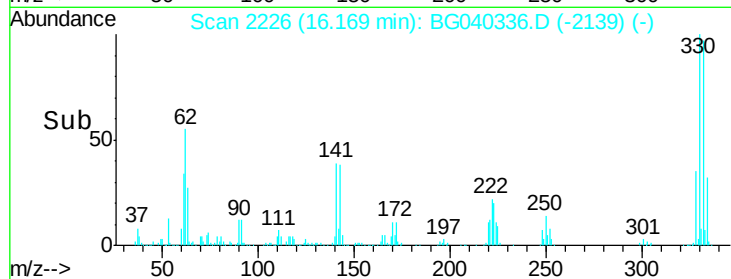
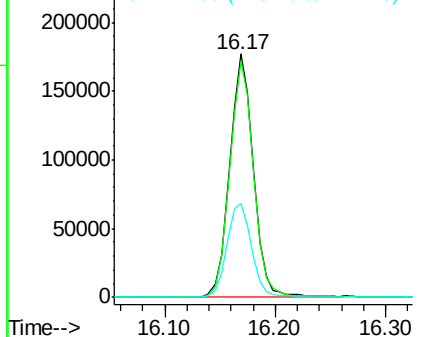
#42
 2,4,6-Tribromophenol
 Concen: 168.482 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040336.D
 Acq: 3 Apr 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :
 DPC-91723-SO-TP5-B

Tgt Ion:330 Resp: 266851
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 40.5 32.6 48.8

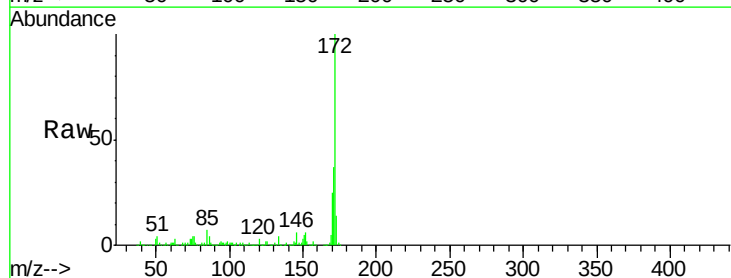


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

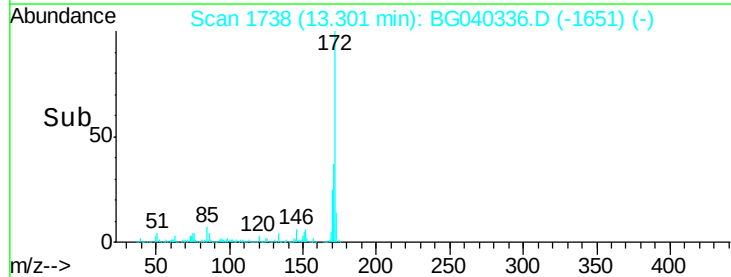
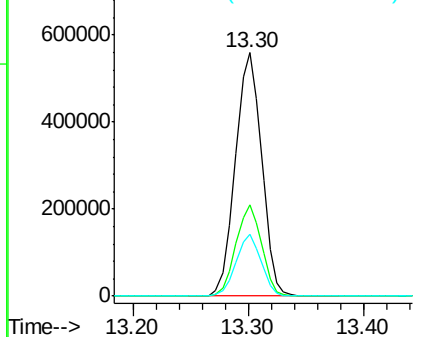


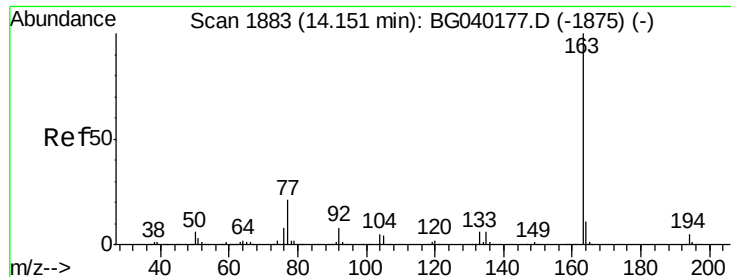
#45
 2-Fluorobiphenyl
 Concen: 89.248 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040336.D
 Acq: 3 Apr 2019 21:47

Tgt Ion:172 Resp: 882704
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.5 45.7
 170 25.2 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





#50

Dimethylphthalate

Concen: 6.541 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040336.D

Acq: 3 Apr 2019 21:47

Instrument :

BNA_G

ClientSampleId :

DPC-91723-SO-TP5-B

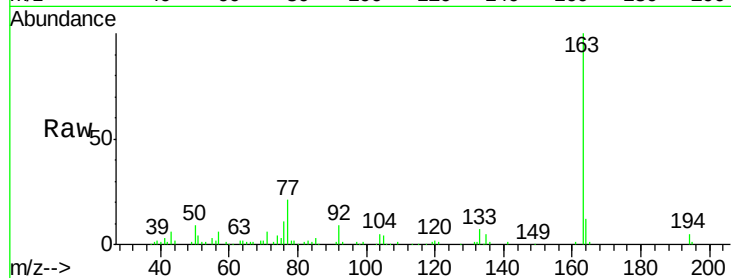
Tgt Ion:163 Resp: 75023

Ion Ratio Lower Upper

163 100

194 5.0 4.1 6.1

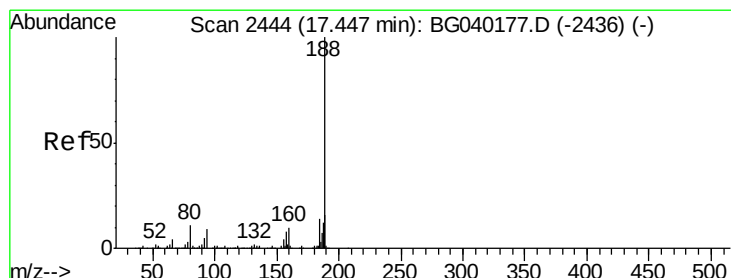
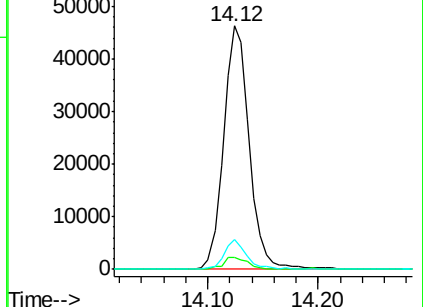
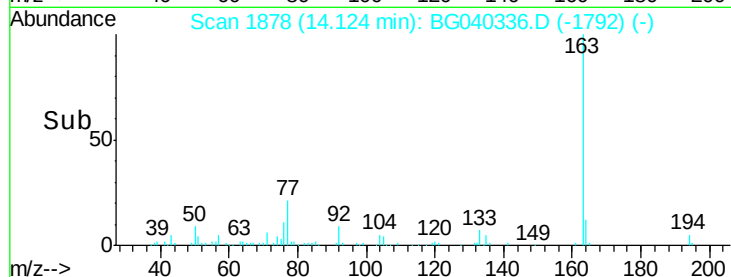
164 12.4 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040336.D

Acq: 3 Apr 2019 21:47

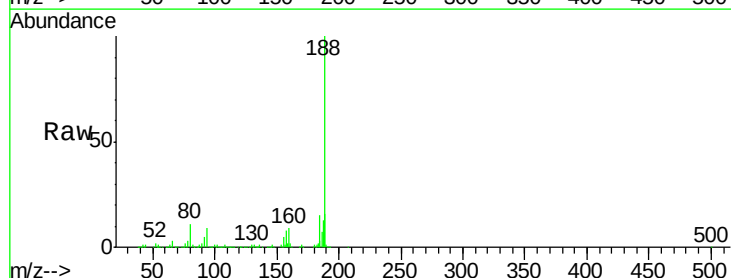
Tgt Ion:188 Resp: 361503

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

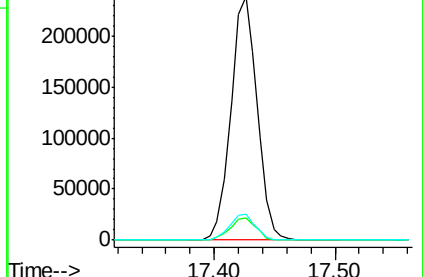
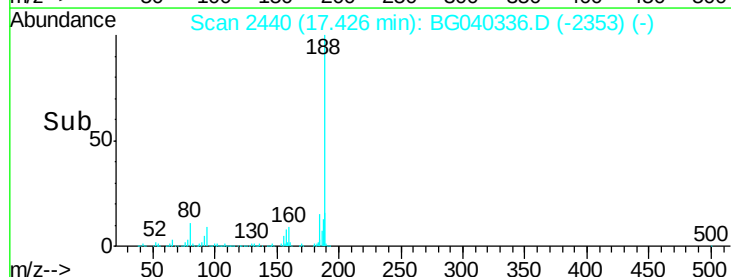
80 10.9 8.6 13.0

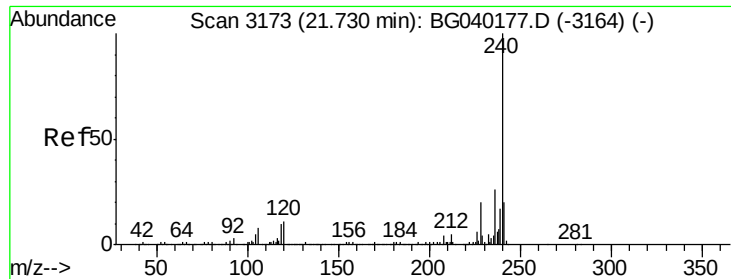


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

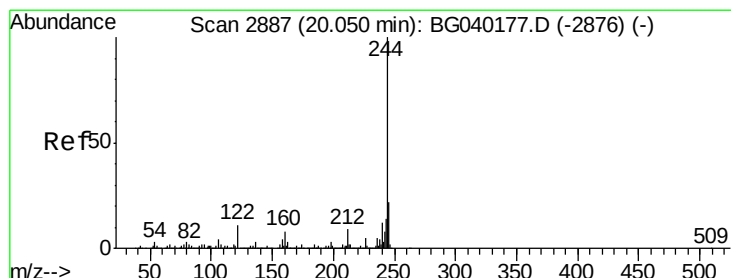
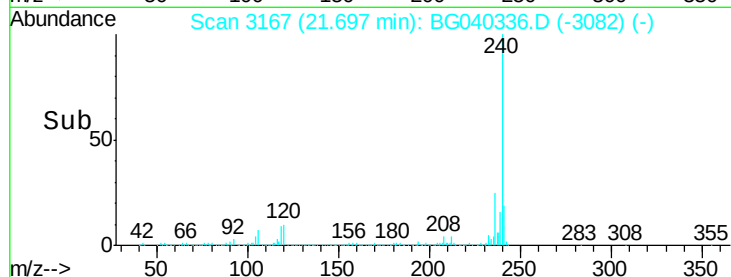
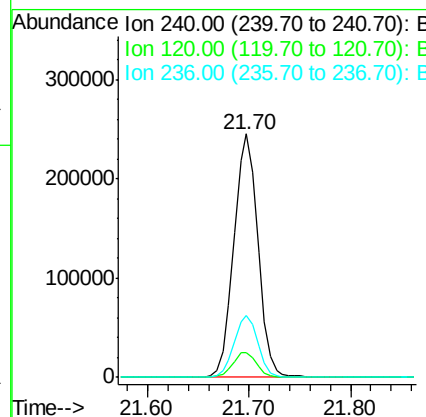
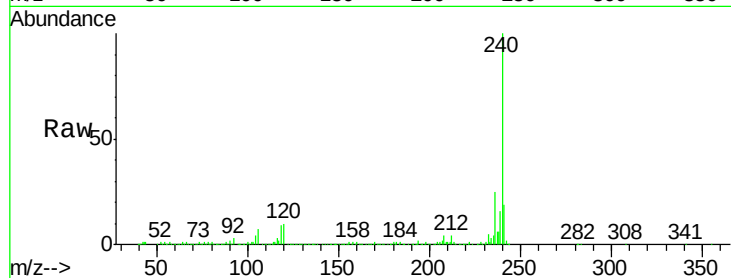




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.03 min
Lab File: BG040336.D
Acq: 3 Apr 2019 21:47

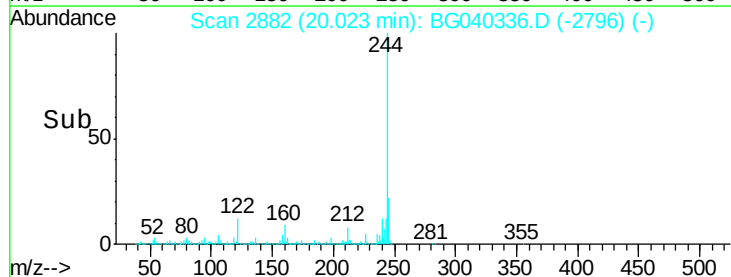
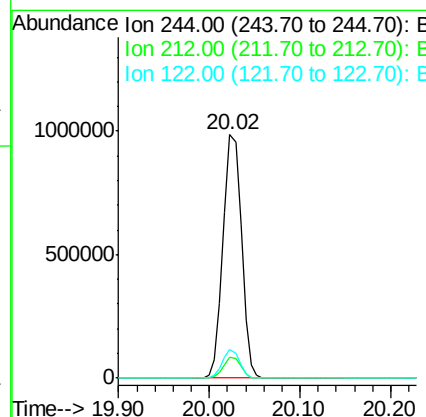
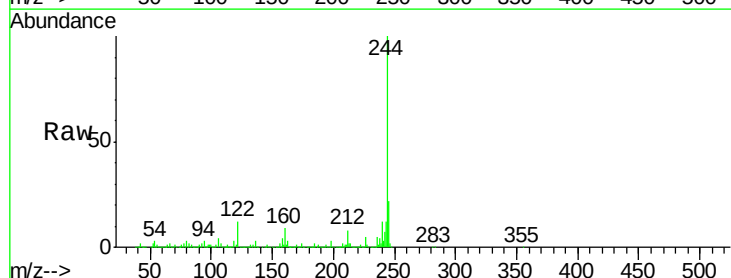
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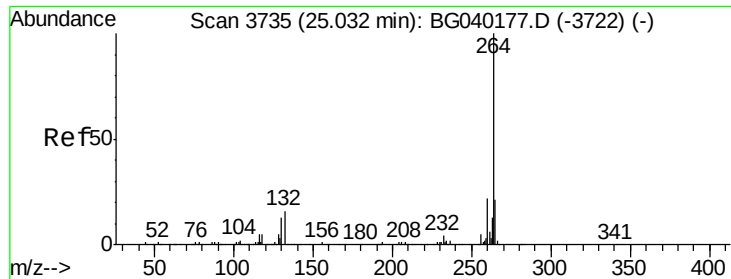
Tgt Ion:240 Resp: 403358
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 25.2 20.8 31.2



#79
Terphenyl-d14
Concen: 77.755 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.03 min
Lab File: BG040336.D
Acq: 3 Apr 2019 21:47

Tgt Ion:244 Resp: 1394135
Ion Ratio Lower Upper
244 100
212 8.5 7.0 10.6
122 11.8 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: BG040336.D
Acq: 3 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :
DPC-91723-SO-TP5-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.9	26.9
265	19.8	16.8	25.2

