

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
 Data File : BG040502.D
 Acq On : 16 Apr 2019 13:54
 Operator : JU/SJ
 Sample : PB118911BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118911BL

Quant Time: Apr 16 18:38:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	52075	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	209651	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	138088	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	374911	20.00	ng	0.00
76) Chrysene-d12	21.70	240	361607	20.00	ng	0.00
87) Perylene-d12	24.98	264	367019	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	378325	120.77	ng	0.00
7) Phenol-d6	7.20	99	533076	123.14	ng	0.00
23) Nitrobenzene-d5	9.22	82	318895	80.85	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	184915	123.91	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	766650	82.27	ng	0.00
79) Terphenyl-d14	20.02	244	1347778	83.85	ng	0.00

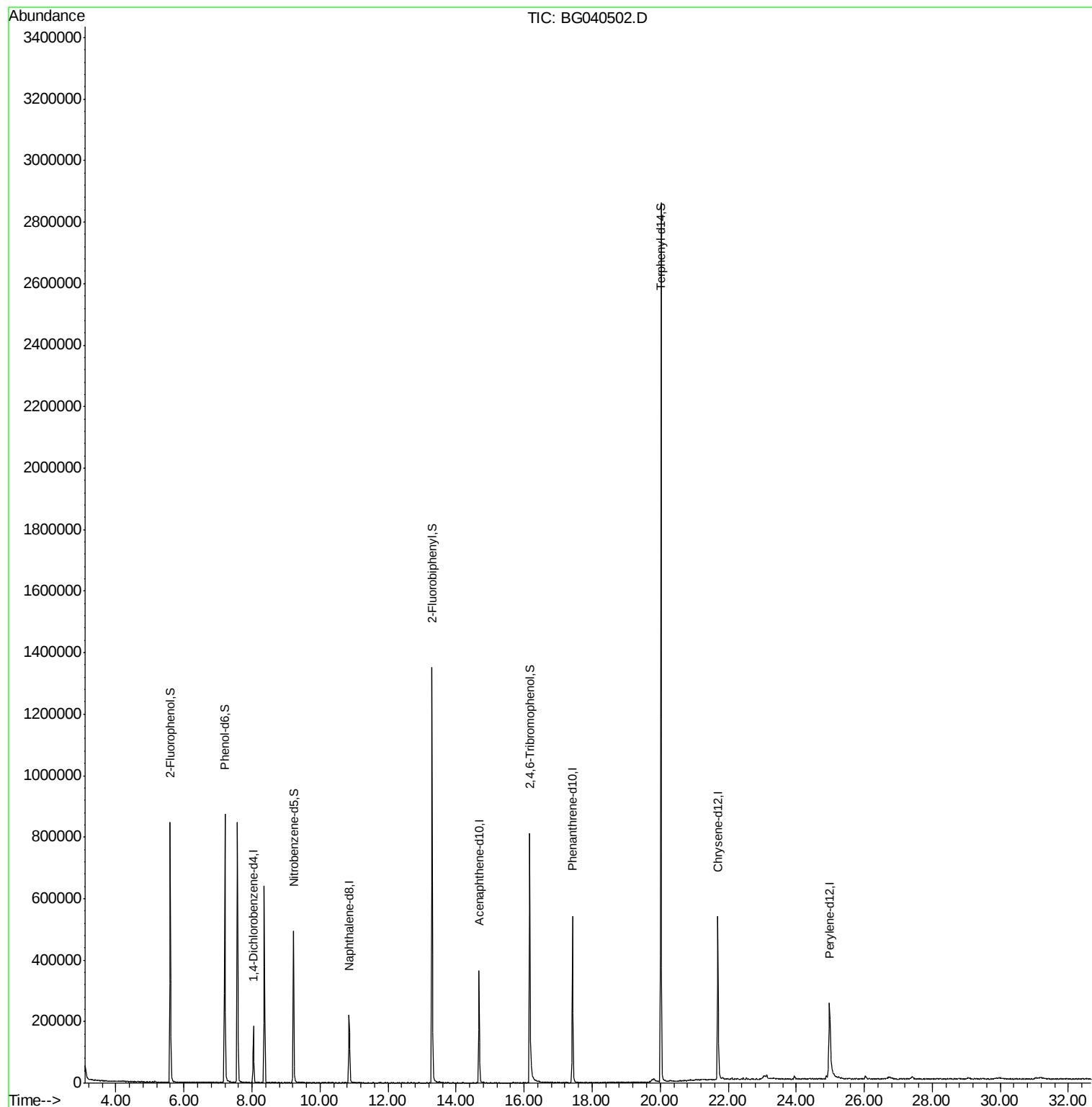
Target Compounds	Qvalue
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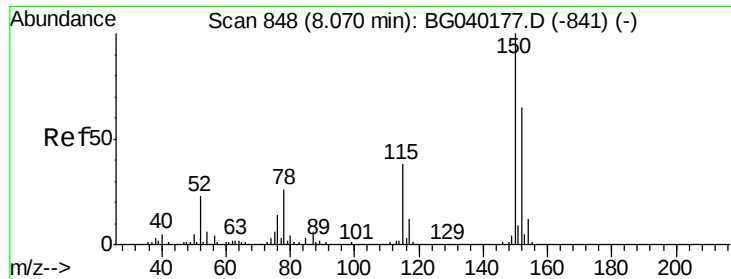
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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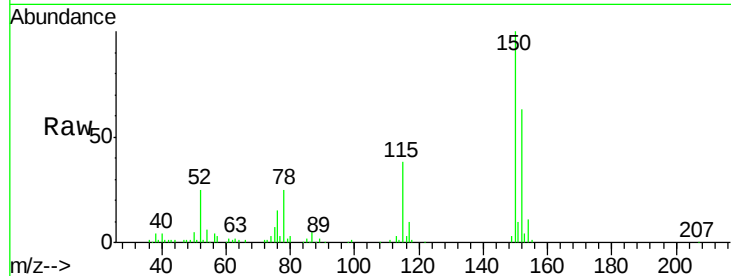


#1

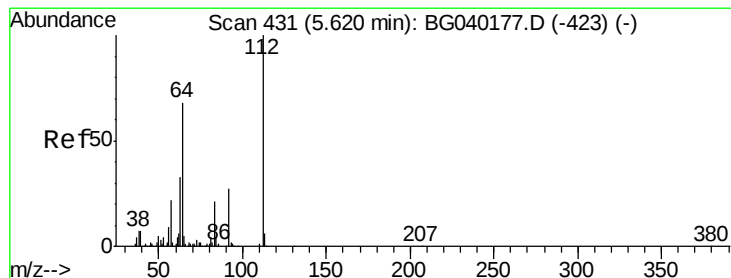
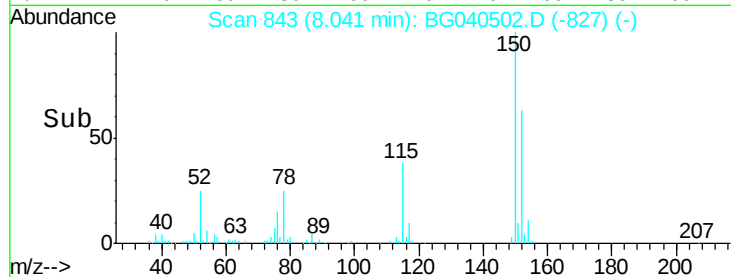
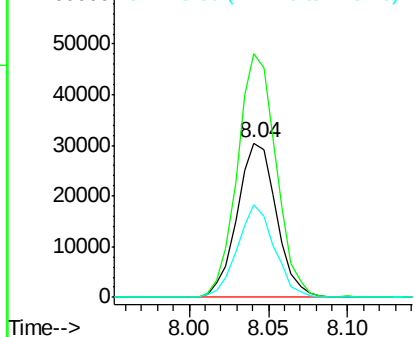
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040502.D
Acq: 16 Apr 2019 13:54

Instrument :
BNA_G
ClientSampleId :
PB118911BL

Tgt Ion:152 Resp: 52075
Ion Ratio Lower Upper
152 100
150 157.8 123.7 185.5
115 59.7 46.9 70.3



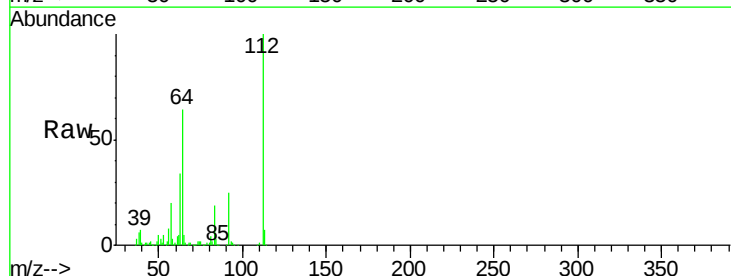
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



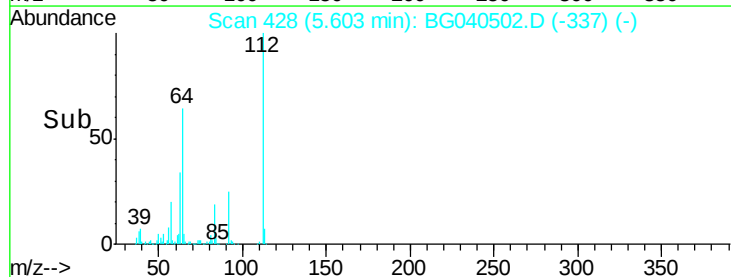
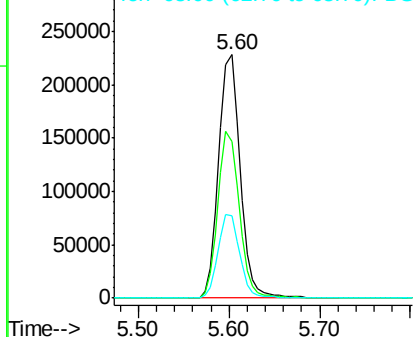
#5

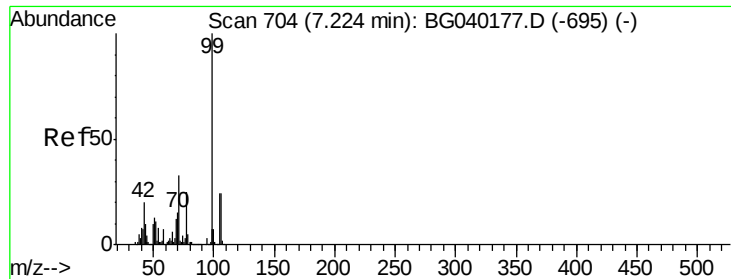
2-Fluorophenol
Concen: 120.774 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG040502.D
Acq: 16 Apr 2019 13:54

Tgt Ion:112 Resp: 378325
Ion Ratio Lower Upper
112 100
64 64.4 54.2 81.2
63 33.8 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: 123.136 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG040502.D

Acq: 16 Apr 2019 13:54

Instrument :

BNA_G

ClientSampleId :

PB118911BL

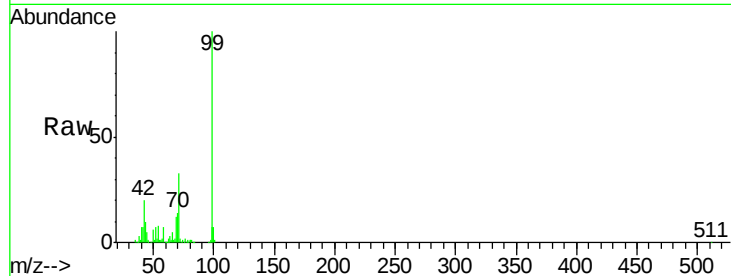
Tgt Ion: 99 Resp: 533076

Ion Ratio Lower Upper

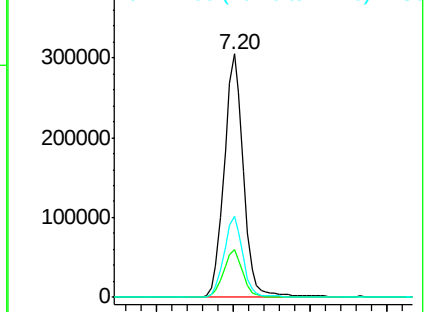
99 100

42 19.6 16.2 24.2

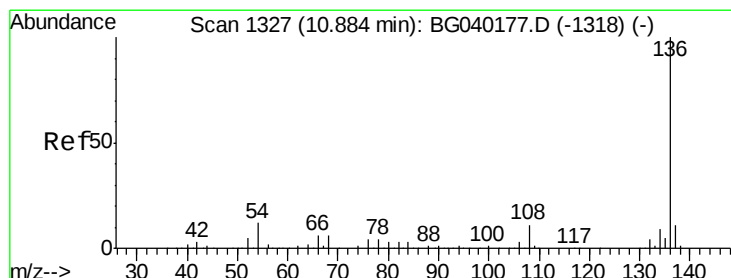
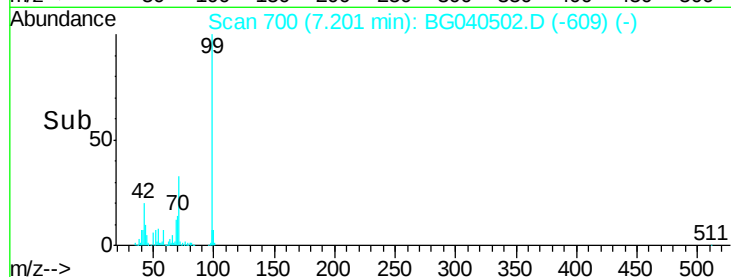
71 33.0 26.8 40.2



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG040502.D

Acq: 16 Apr 2019 13:54

Tgt Ion: 136 Resp: 209651

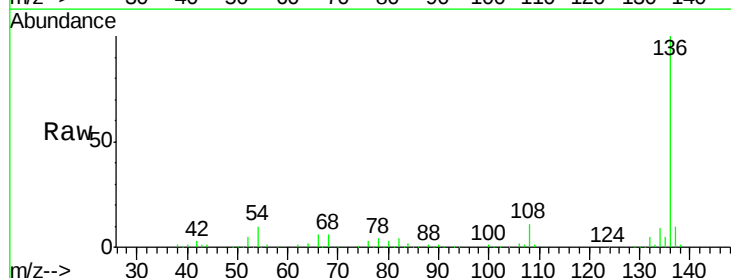
Ion Ratio Lower Upper

136 100

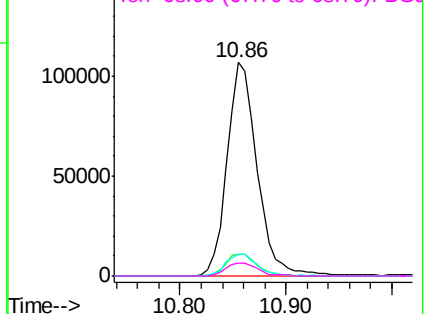
137 10.3 8.9 13.3

54 10.6 9.6 14.4

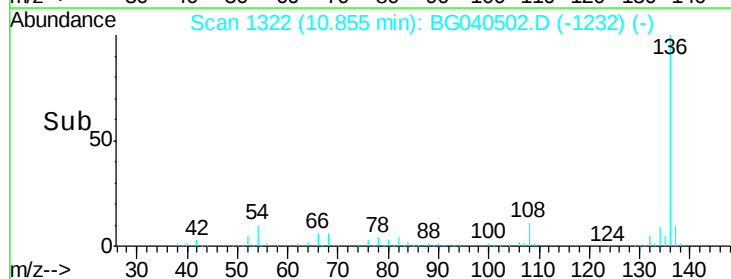
68 6.3 5.1 7.7



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



Time-->

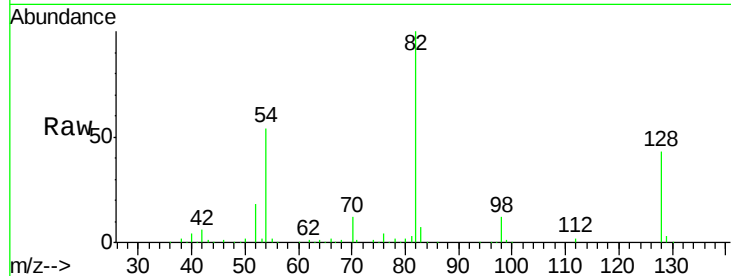




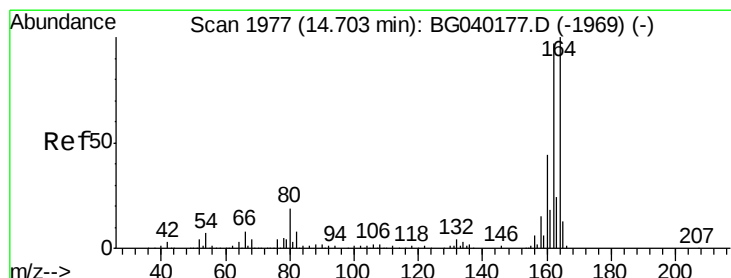
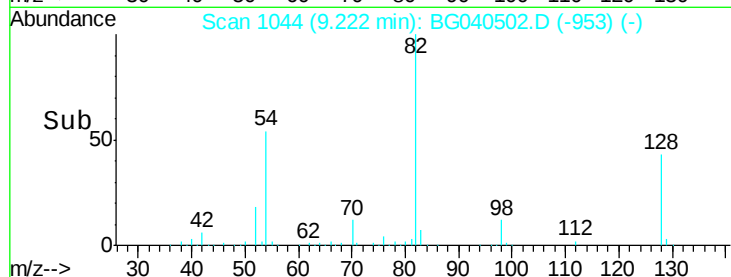
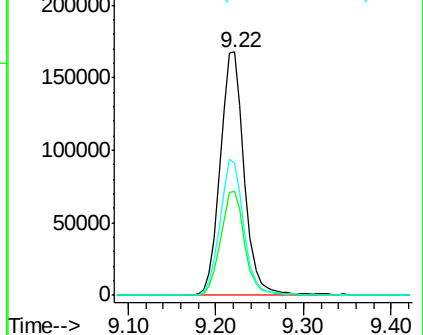
#23
Nitrobenzene-d5
Concen: 80.850 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG040502.D
Acq: 16 Apr 2019 13:54

Instrument :
BNA_G
ClientSampleId :
PB118911BL

Tgt Ion: 82 Resp: 318895
Ion Ratio Lower Upper
82 100
128 42.9 35.8 53.8
54 54.2 46.2 69.2

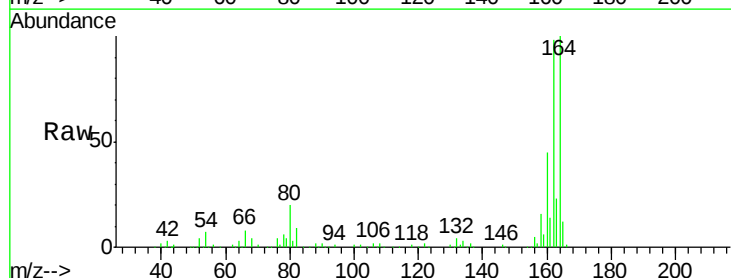


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

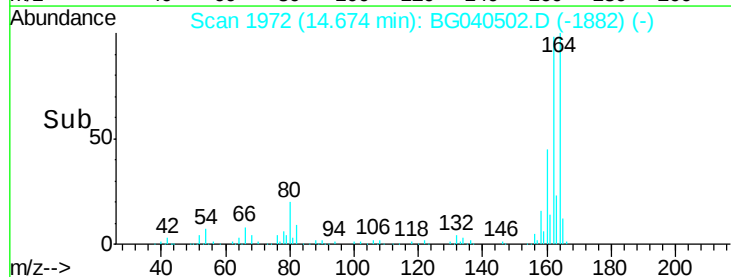
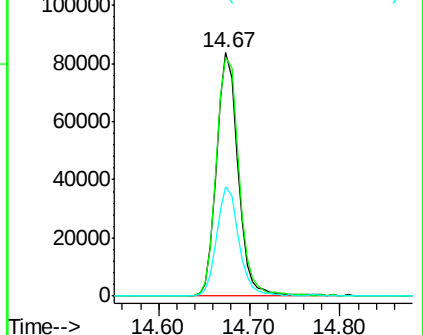


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG040502.D
Acq: 16 Apr 2019 13:54

Tgt Ion: 164 Resp: 138088
Ion Ratio Lower Upper
164 100
162 97.8 77.4 116.2
160 44.9 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

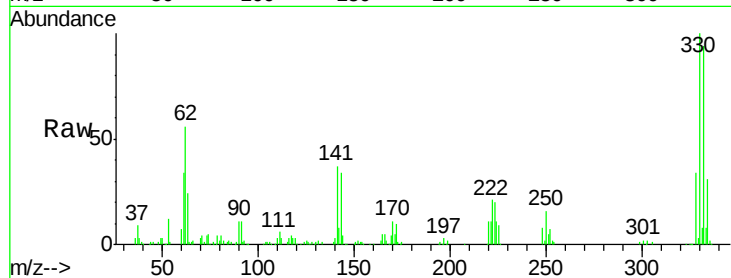




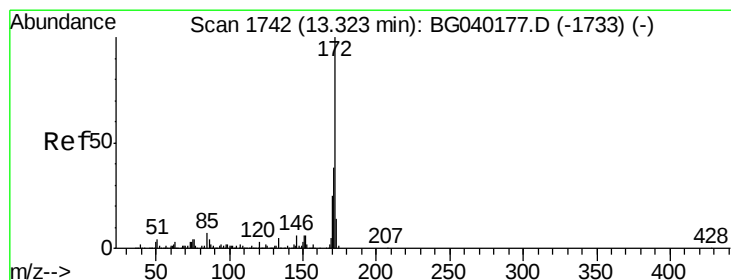
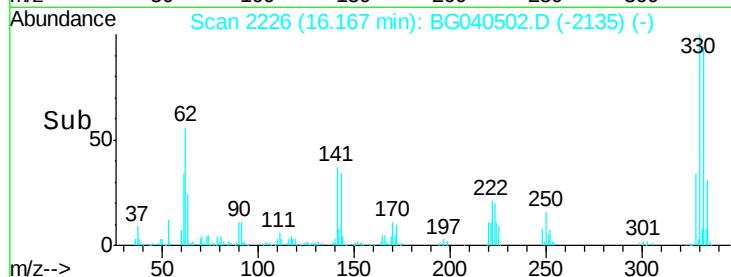
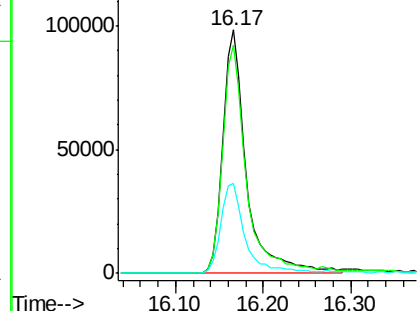
#42
 2,4,6-Tribromophenol
 Concen: 123.907 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BG040502.D
 Acq: 16 Apr 2019 13:54

Instrument :
 BNA_G
 ClientSampleId :
 PB118911BL

Tgt Ion:330 Resp: 184915
 Ion Ratio Lower Upper
 330 100
 332 93.3 76.6 115.0
 141 37.8 32.6 48.8

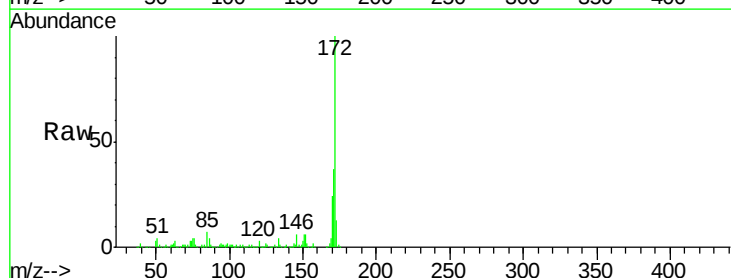


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

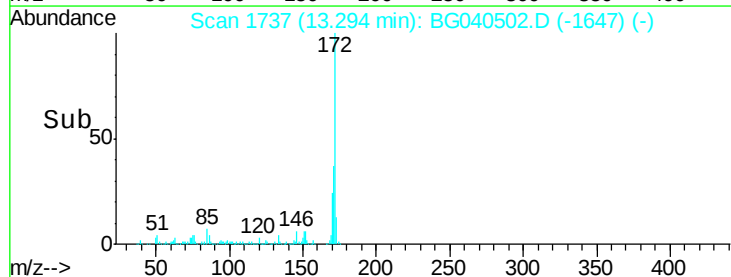
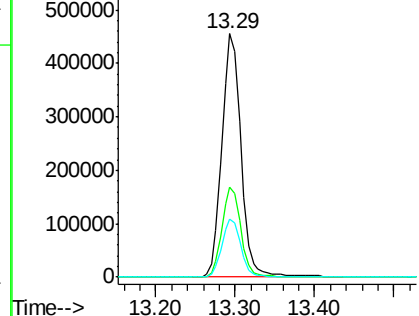


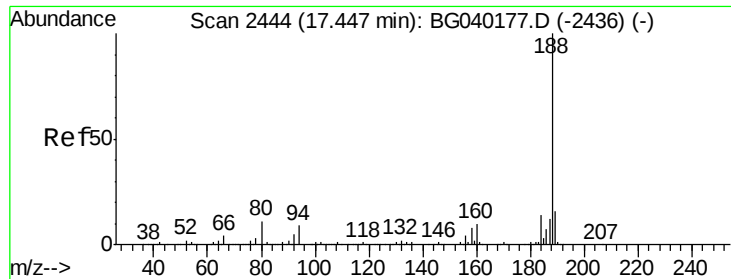
#45
 2-Fluorobiphenyl
 Concen: 82.266 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG040502.D
 Acq: 16 Apr 2019 13:54

Tgt Ion:172 Resp: 766650
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.5 45.7
 170 24.0 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

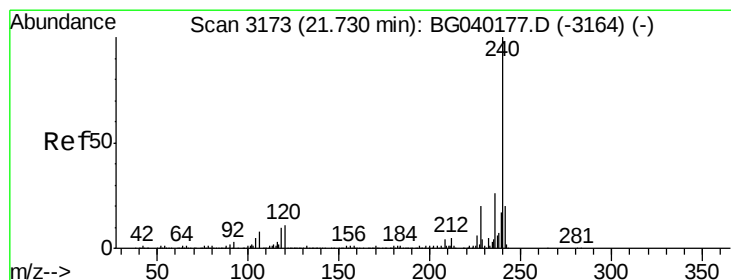
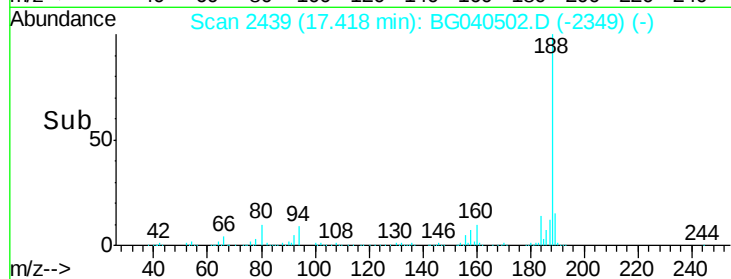
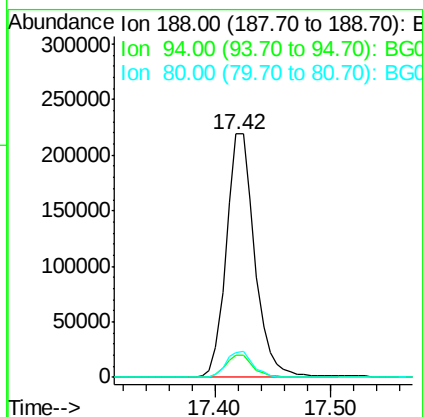
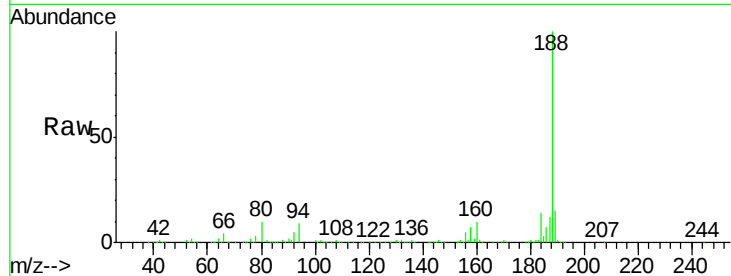




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BG040502.D
 Acq: 16 Apr 2019 13:54

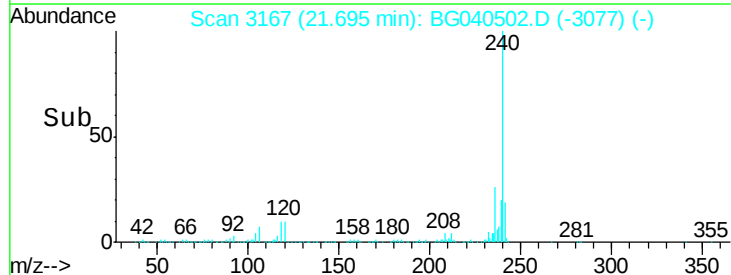
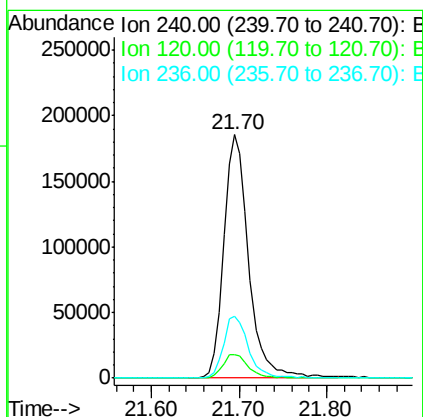
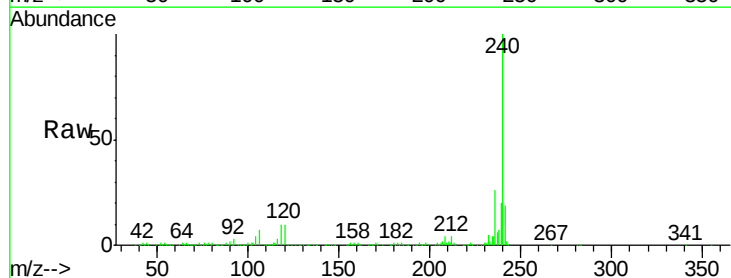
Instrument :
 BNA_G
 ClientSampleId :
 PB118911BL

Tgt Ion:188 Resp: 374911
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.0 10.4
 80 10.0 8.6 13.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG040502.D
 Acq: 16 Apr 2019 13:54

Tgt Ion:240 Resp: 361607
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.4 12.6
 236 25.6 20.8 31.2





#79

Terphenyl-d14

Concen: 83.849 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG040502.D

Acq: 16 Apr 2019 13:54

Instrument :

BNA_G

ClientSampleId :

PB118911BL

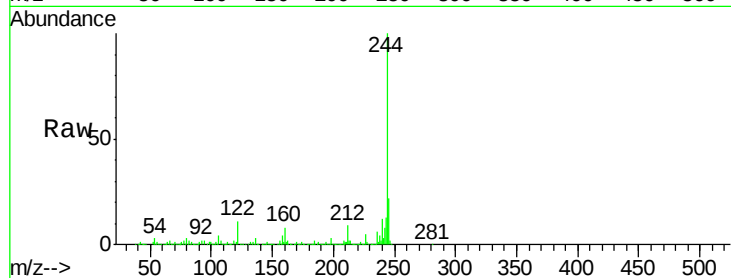
Tgt Ion:244 Resp: 1347778

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

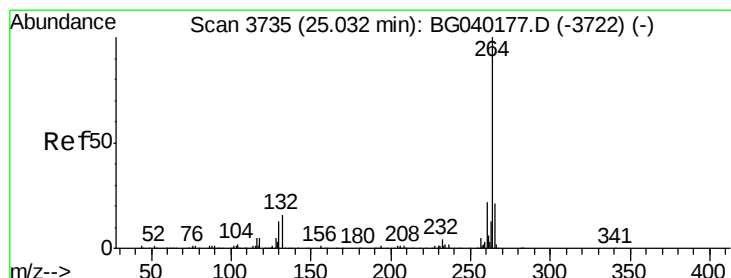
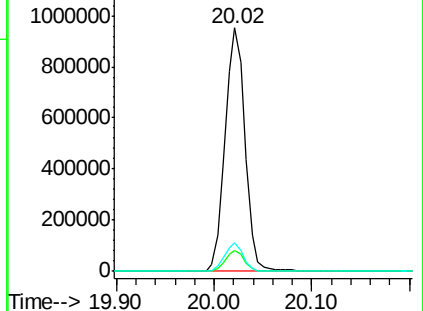
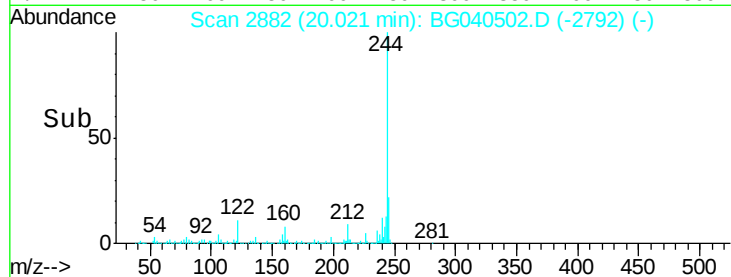
122 11.5 8.5 12.7



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# 3726

Delta R.T. 0.01 min

Lab File: BG040502.D

Acq: 16 Apr 2019 13:54

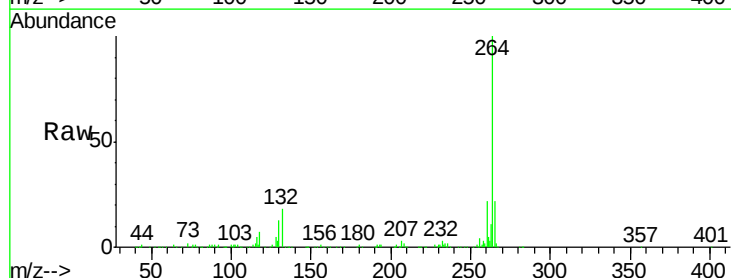
Tgt Ion:264 Resp: 367019

Ion Ratio Lower Upper

264 100

260 22.4 17.9 26.9

265 21.9 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

