

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042419\
 Data File : BG040602.D
 Acq On : 24 Apr 2019 20:27
 Operator : JU/SJ
 Sample : PB119187TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119187TB

Quant Time: Apr 25 04:28:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	41903	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	165997	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	117944	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	317527	20.00	ng	0.00
76) Chrysene-d12	21.81	240	366435	20.00	ng	-0.01
87) Perylene-d12	25.19	264	382948	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	311571	131.07	ng	0.00
7) Phenol-d6	7.29	99	451876	123.46	ng	0.00
23) Nitrobenzene-d5	9.33	82	296291	82.47	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	154017	95.00	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	644853	78.96	ng	0.00
79) Terphenyl-d14	20.13	244	1428365	86.36	ng	0.00

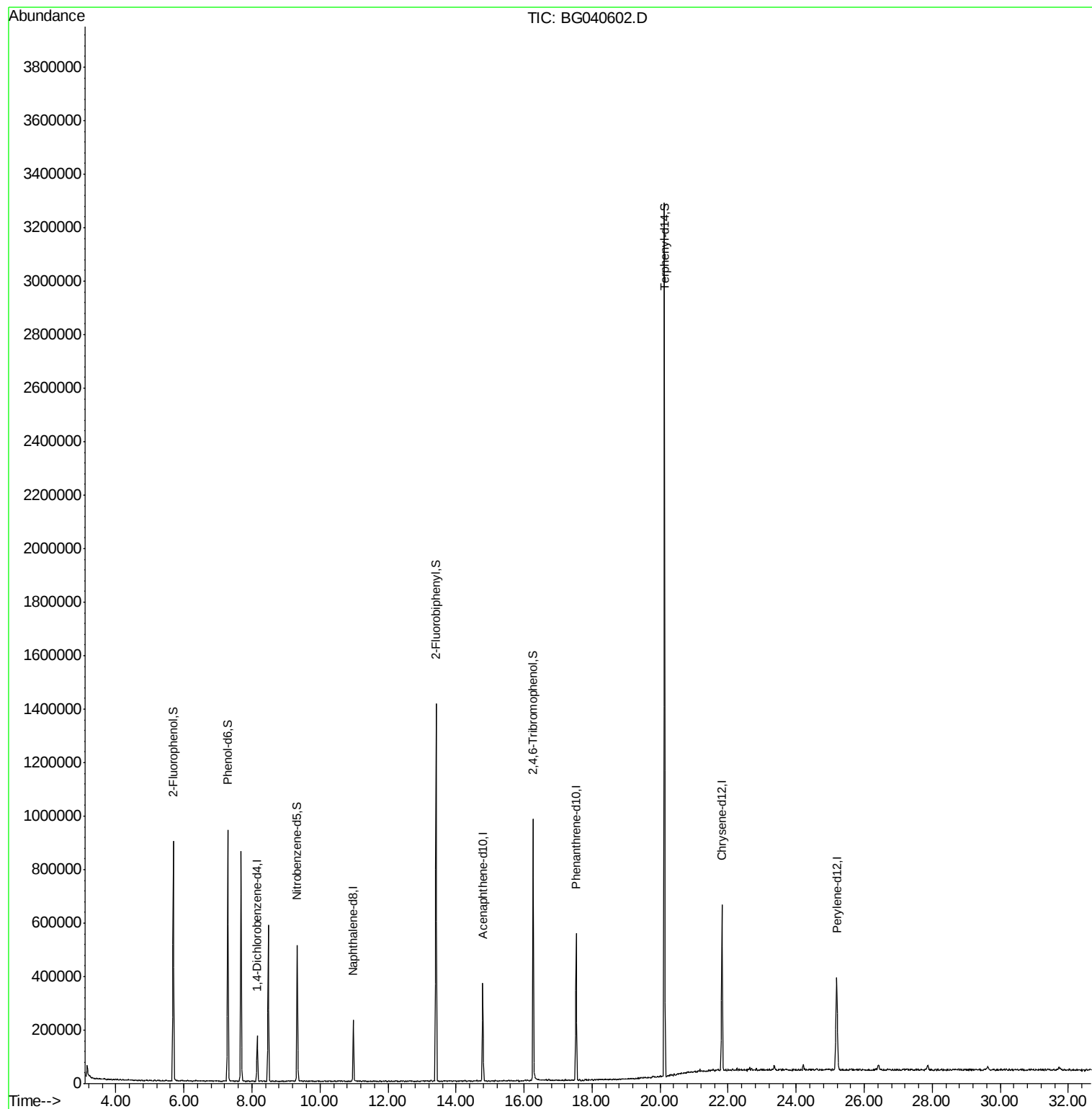
Target Compounds	Qvalue
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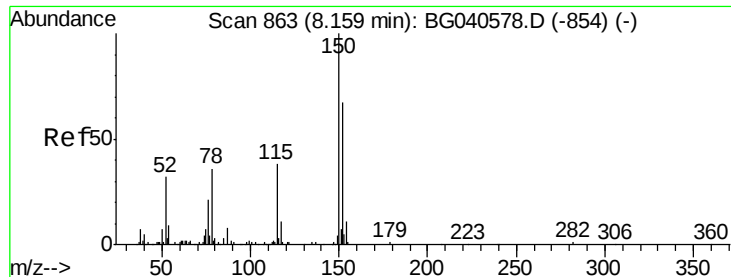
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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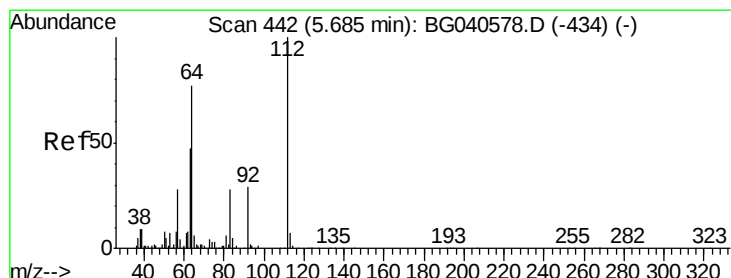
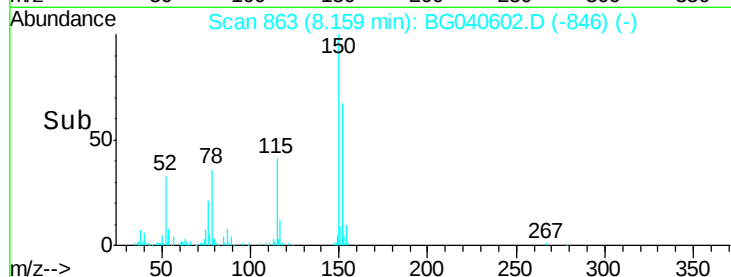
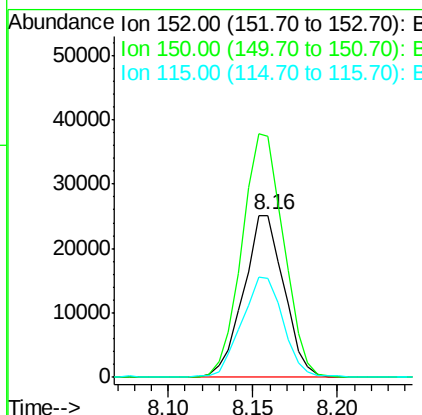
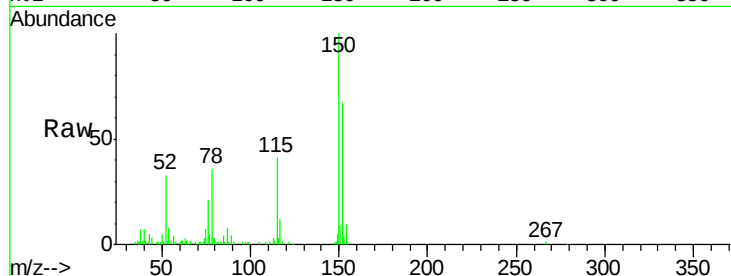


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BG040602.D
Acq: 24 Apr 2019 20:27

Instrument :
BNA_G
ClientSampleId :
PB119187TB

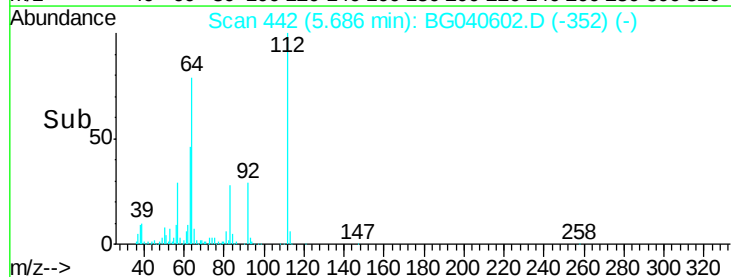
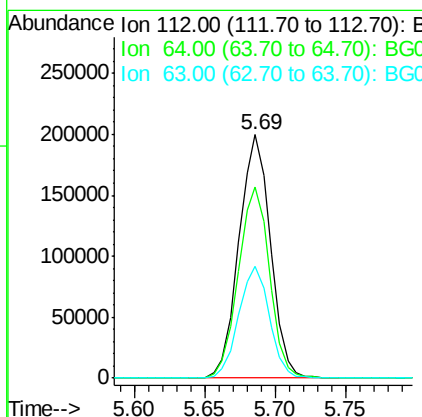
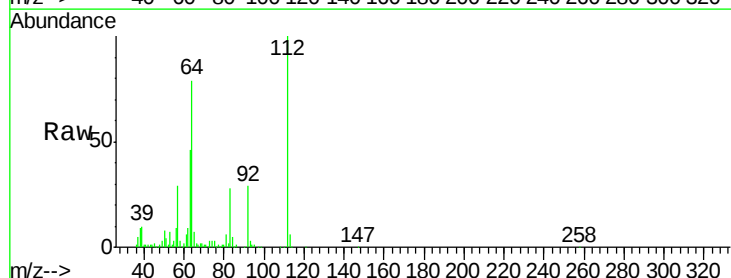
Tgt Ion:152 Resp: 41903
Ion Ratio Lower Upper
152 100
150 148.8 120.2 180.2
115 61.5 46.2 69.2

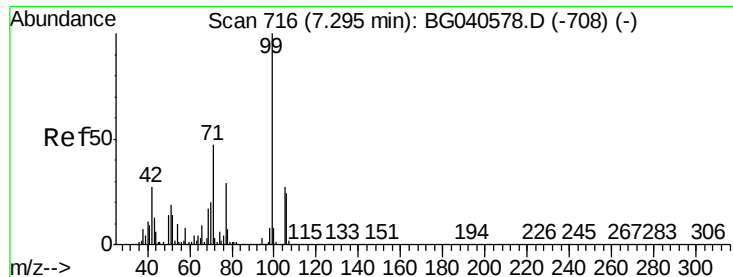


#5

2-Fluorophenol
Concen: 131.071 ng
RT: 5.69 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040602.D
Acq: 24 Apr 2019 20:27

Tgt Ion:112 Resp: 311571
Ion Ratio Lower Upper
112 100
64 78.5 61.4 92.0
63 45.8 37.8 56.6





#7

Phenol-d6

Concen: 123.460 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040602.D

Acq: 24 Apr 2019 20:27

Instrument :

BNA_G

ClientSampleId :

PB119187TB

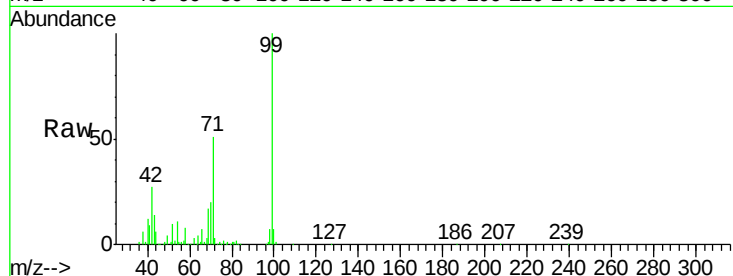
Tgt Ion: 99 Resp: 451876

Ion Ratio Lower Upper

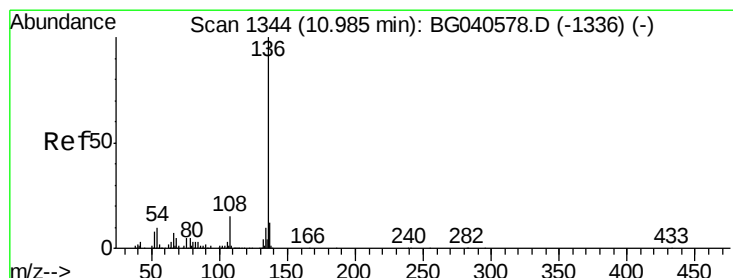
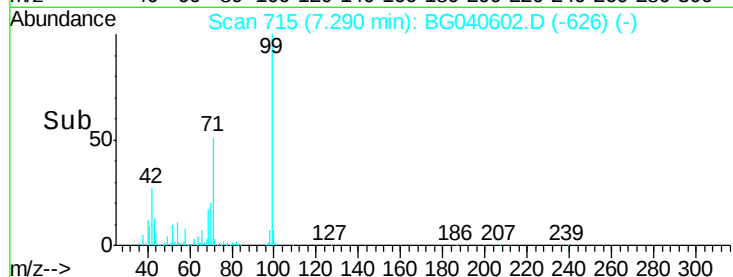
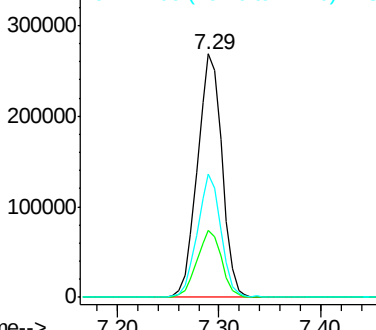
99 100

42 27.3 21.8 32.8

71 50.9 38.6 57.8



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: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG040602.D

Acq: 24 Apr 2019 20:27

Tgt Ion: 136 Resp: 165997

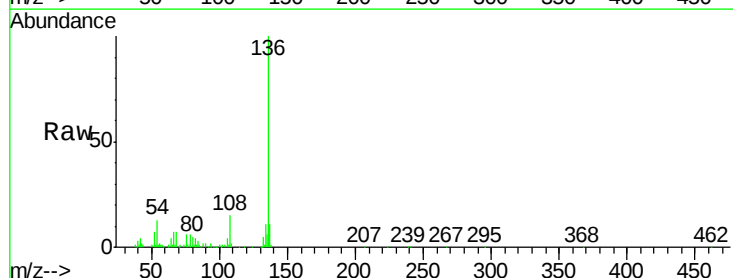
Ion Ratio Lower Upper

136 100

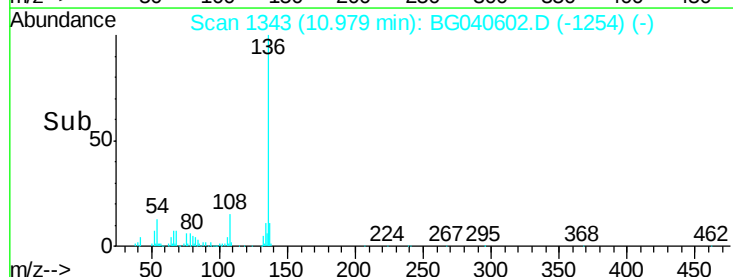
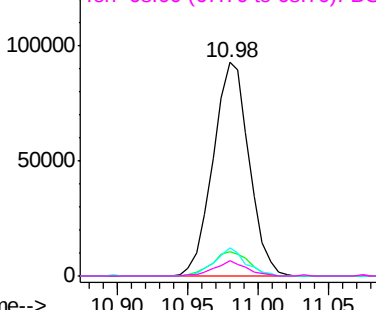
137 11.3 9.7 14.5

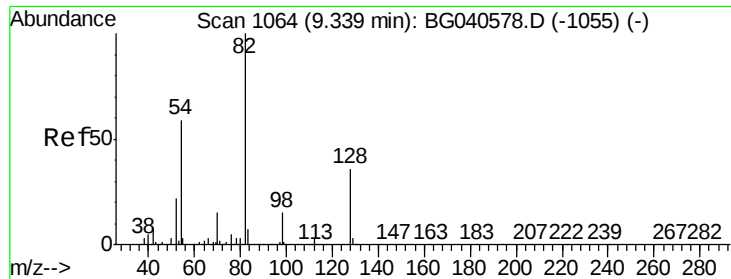
54 13.3 8.6 12.8#

68 7.0 4.8 7.2



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: 82.474 ng

RT: 9.33 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BG040602.D

Acq: 24 Apr 2019 20:27

Instrument :

BNA_G

ClientSampleId :

PB119187TB

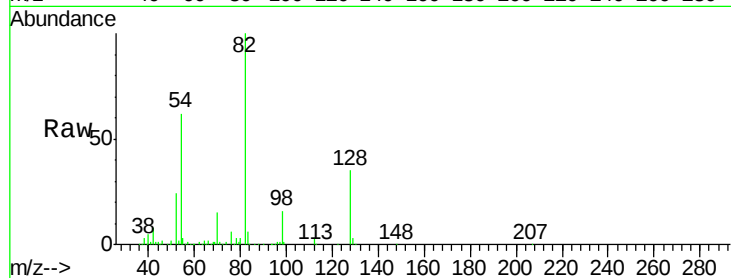
Tgt Ion: 82 Resp: 296291

Ion Ratio Lower Upper

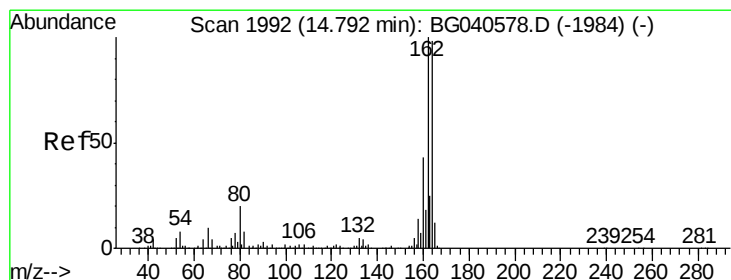
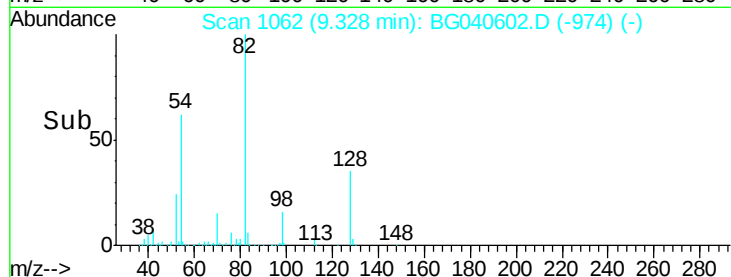
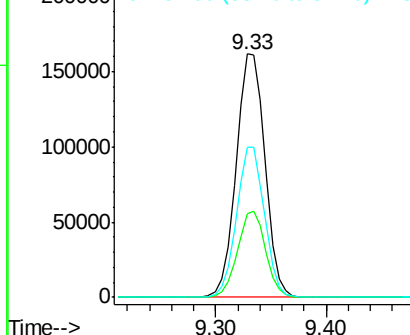
82 100

128 34.6 28.9 43.3

54 61.7 47.2 70.8



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: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG040602.D

Acq: 24 Apr 2019 20:27

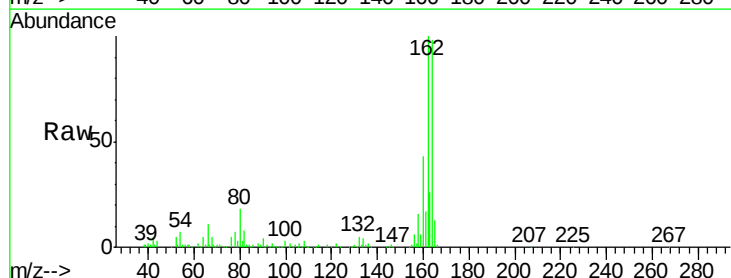
Tgt Ion: 164 Resp: 117944

Ion Ratio Lower Upper

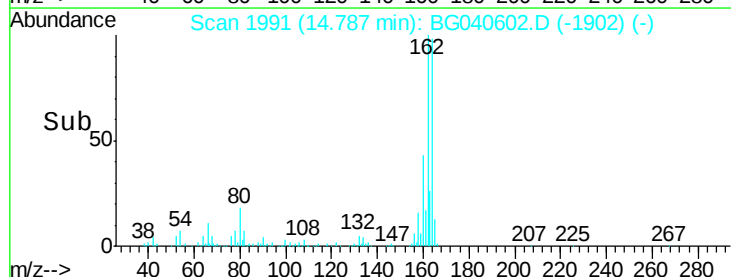
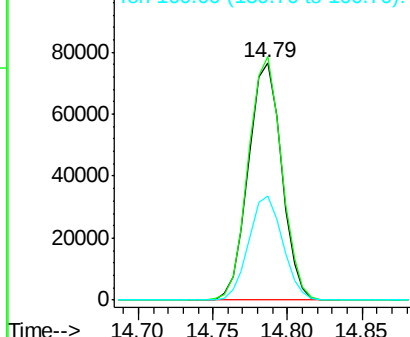
164 100

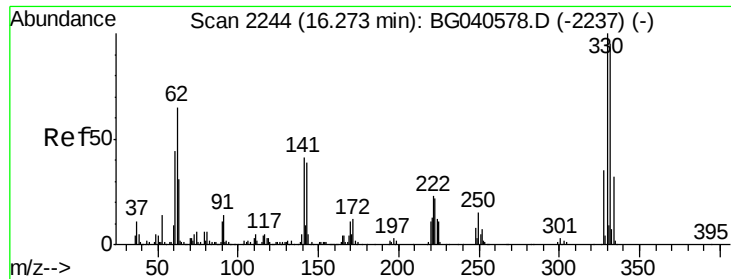
162 102.5 81.9 122.9

160 44.0 35.4 53.2



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

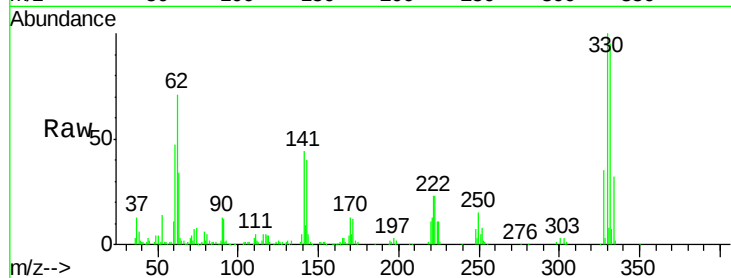




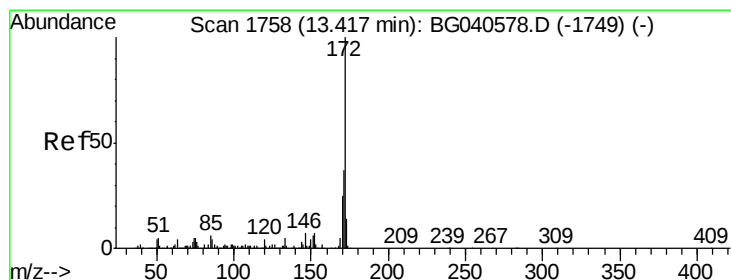
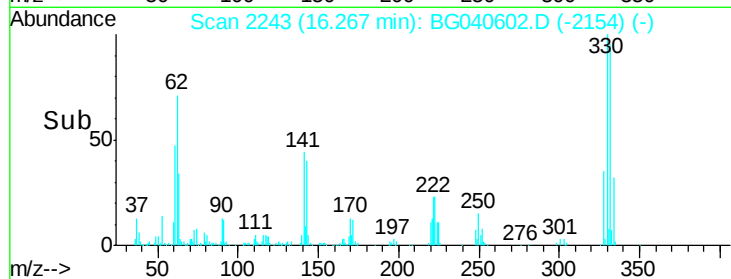
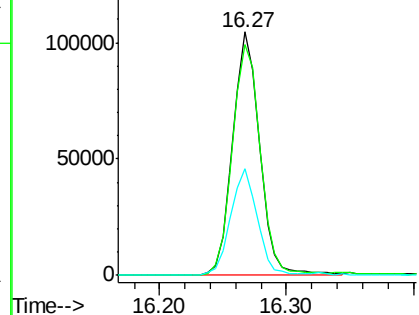
#42
 2,4,6-Tribromophenol
 Concen: 95.004 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG040602.D
 Acq: 24 Apr 2019 20:27

Instrument :
 BNA_G
 ClientSampleId :
 PB119187TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	75.9	113.9
141	43.1	32.4	48.6

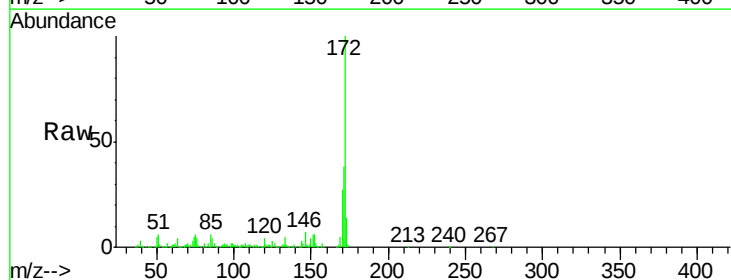


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

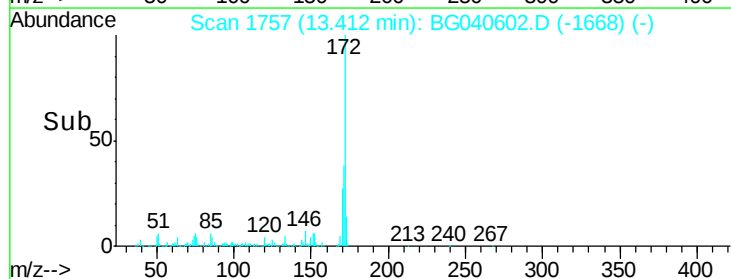
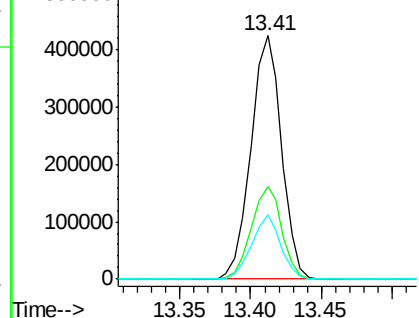


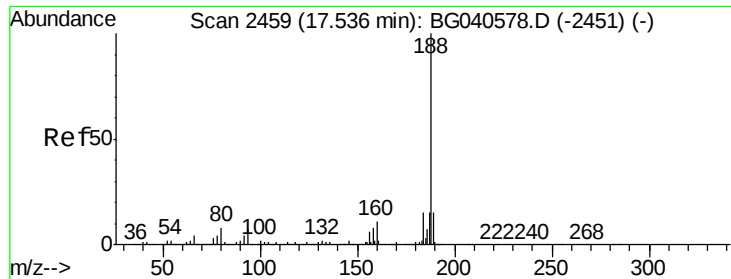
#45
 2-Fluorobiphenyl
 Concen: 78.961 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG040602.D
 Acq: 24 Apr 2019 20:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.4	44.2
170	26.6	19.9	29.9



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: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG040602.D

Acq: 24 Apr 2019 20:27

Instrument :

BNA_G

ClientSampleId :

PB119187TB

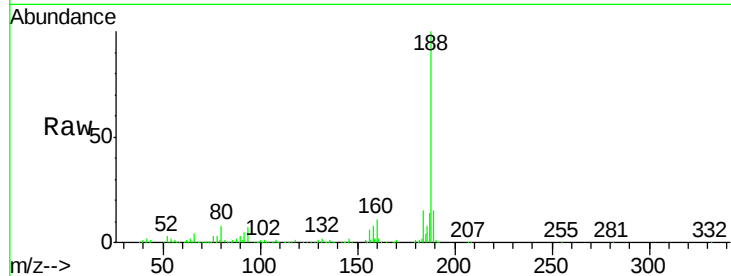
Tgt Ion:188 Resp: 317527

Ion Ratio Lower Upper

188 100

94 7.1 5.6 8.4

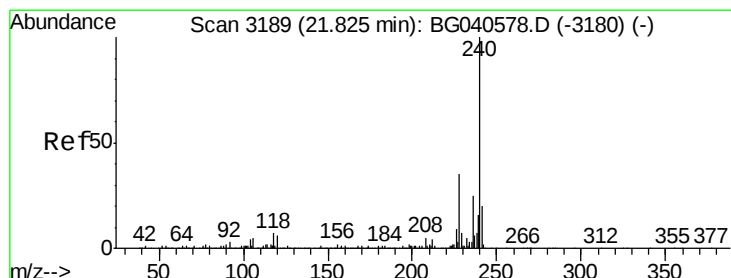
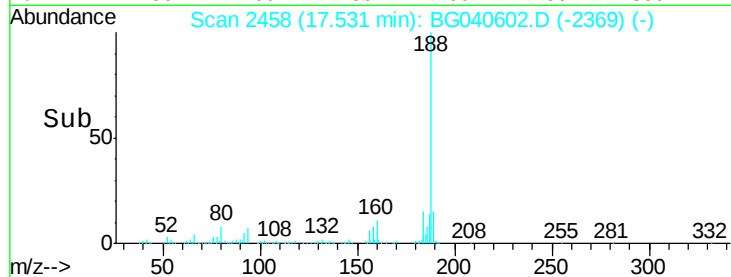
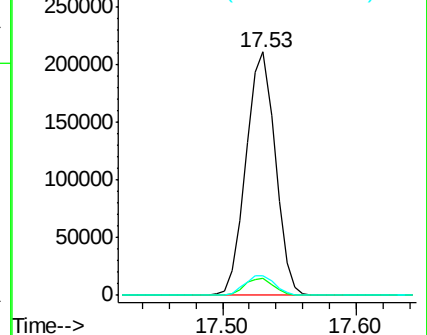
80 7.9 6.4 9.6



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: 21.81 min Scan# 3187

Delta R.T. -0.01 min

Lab File: BG040602.D

Acq: 24 Apr 2019 20:27

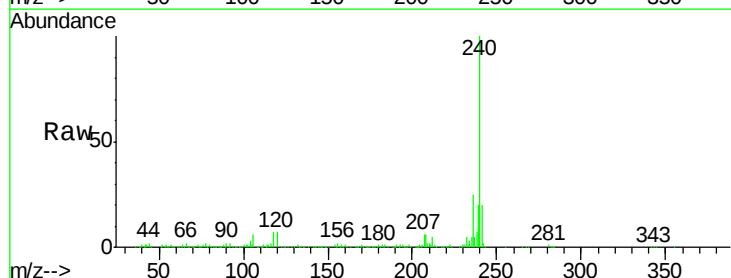
Tgt Ion:240 Resp: 366435

Ion Ratio Lower Upper

240 100

120 7.1 5.0 7.6

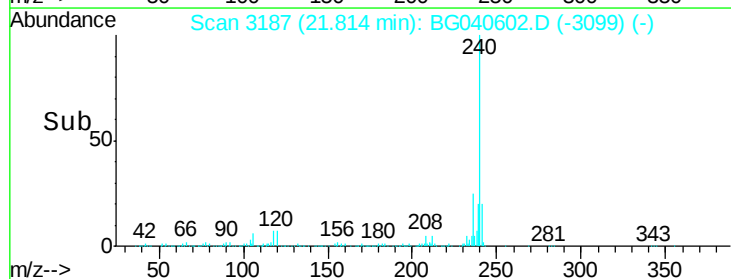
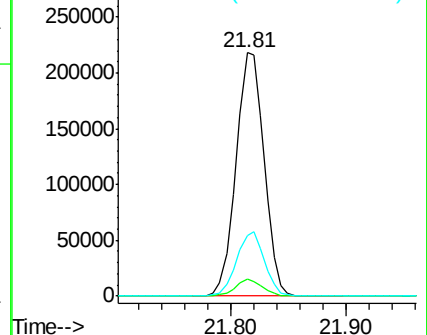
236 25.0 20.3 30.5

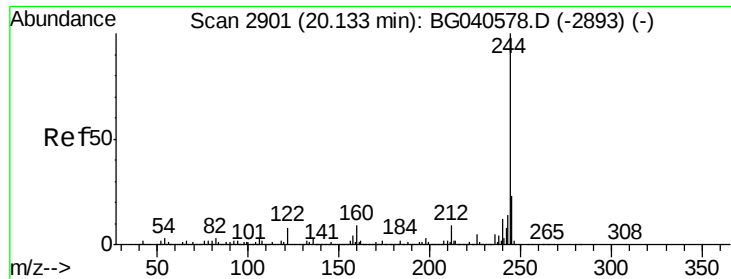


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

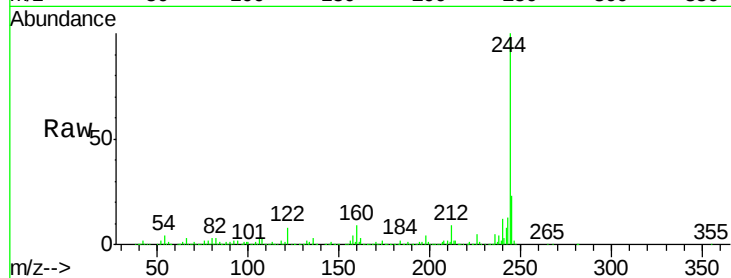




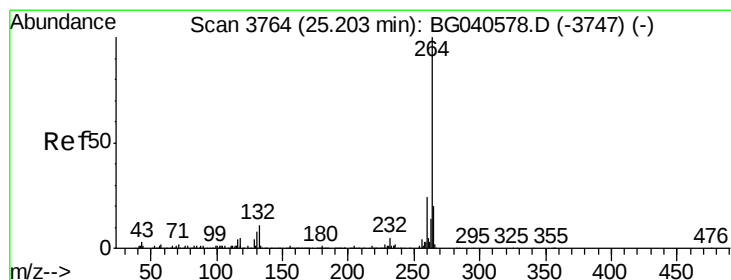
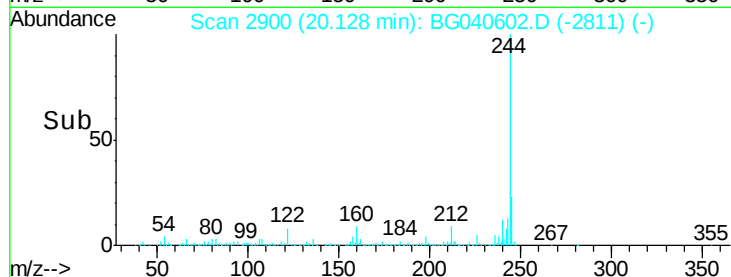
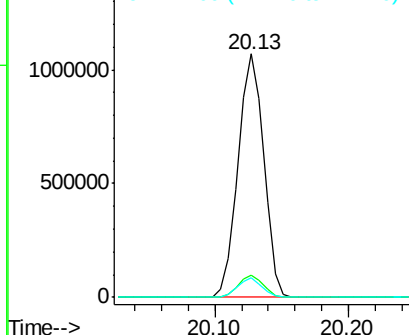
#79
 Terphenyl-d14
 Concen: 86.357 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.01 min
 Lab File: BG040602.D
 Acq: 24 Apr 2019 20:27

Instrument :
 BNA_G
 ClientSampleId :
 PB119187TB

Tgt Ion:244 Resp: 1428365
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.2 10.8
 122 8.2 6.6 10.0

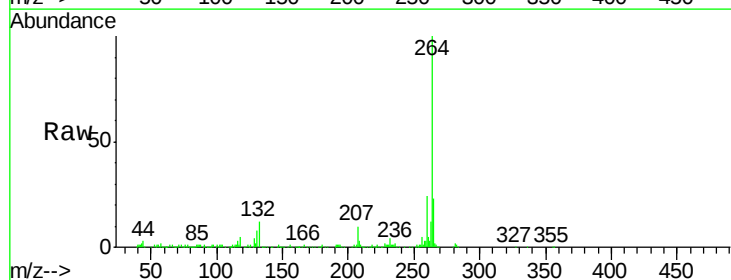


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.19 min Scan# 3761
 Delta R.T. -0.02 min
 Lab File: BG040602.D
 Acq: 24 Apr 2019 20:27

Tgt Ion:264 Resp: 382948
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.5 16.6 25.0



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

