

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042419\
 Data File : BG040599.D
 Acq On : 24 Apr 2019 18:33
 Operator : JU/SJ
 Sample : K2200-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-042319-B

Quant Time: Apr 25 04:20:16 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	42822	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	172288	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	126669	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	335468	20.00	ng	0.00
76) Chrysene-d12	21.82	240	354346	20.00	ng	0.00
87) Perylene-d12	25.19	264	376819	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	326383	134.36	ng	0.00
7) Phenol-d6	7.29	99	451026	120.58	ng	0.00
23) Nitrobenzene-d5	9.34	82	362736	97.28	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	246831	141.77	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	765908	87.32	ng	0.00
79) Terphenyl-d14	20.13	244	1577165	98.61	ng	0.00

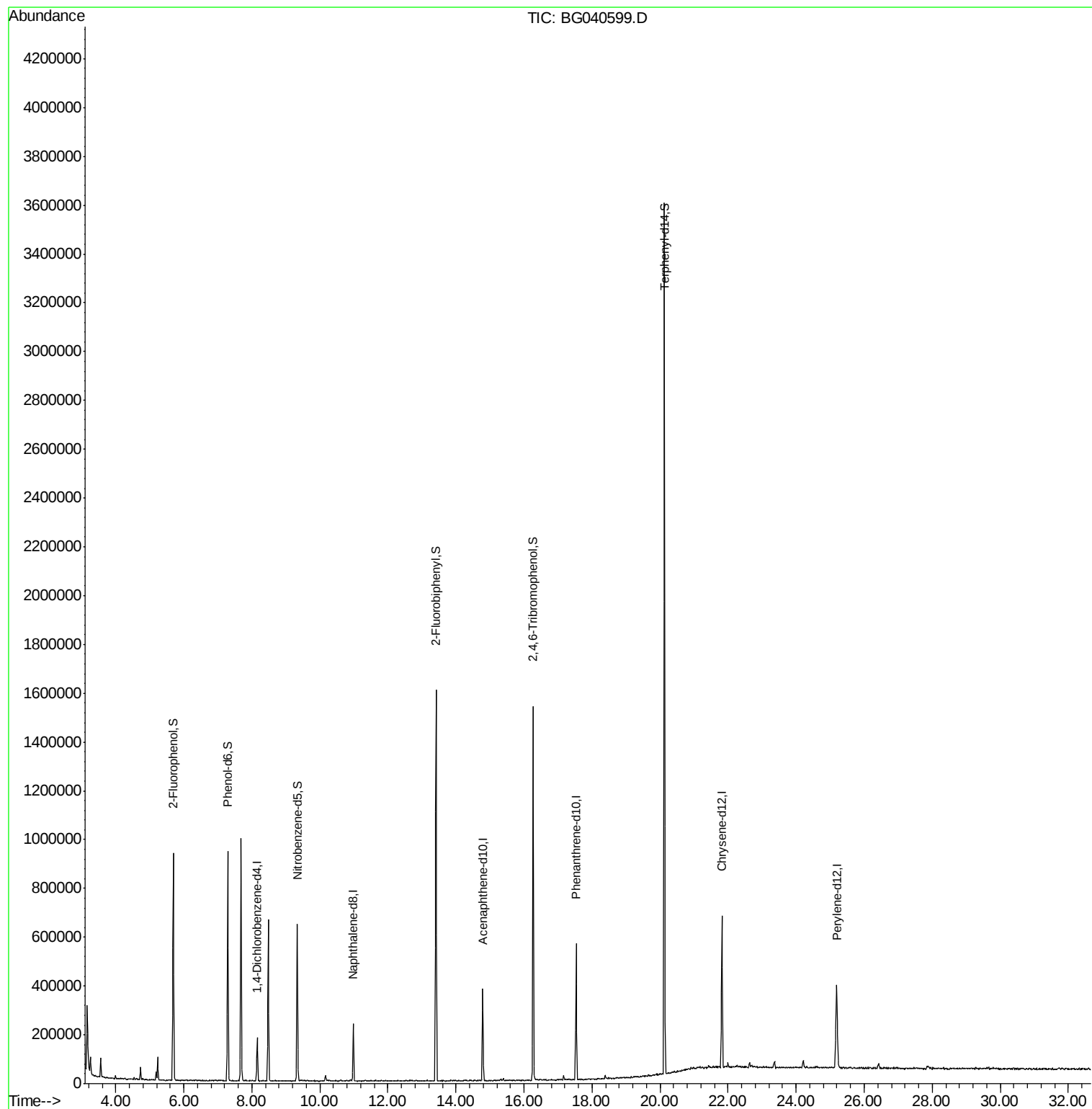
Target Compounds	Qvalue
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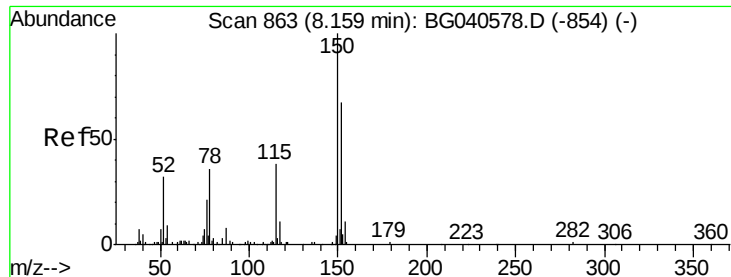
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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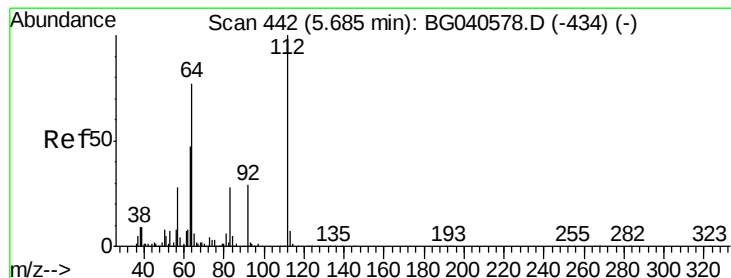
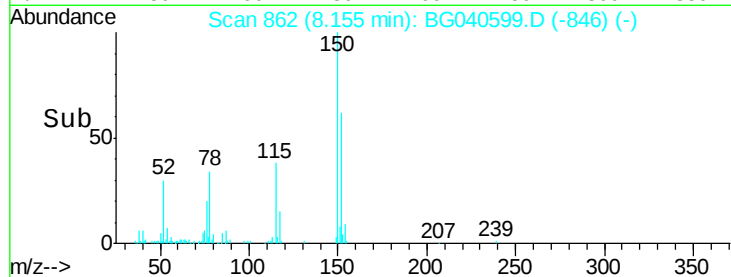
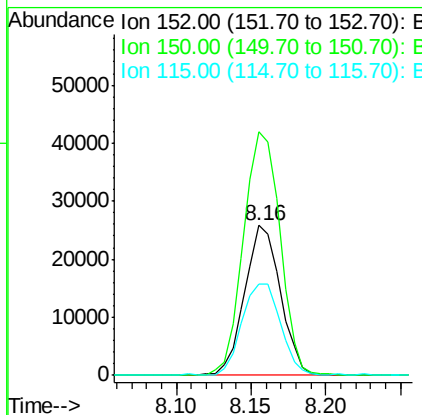
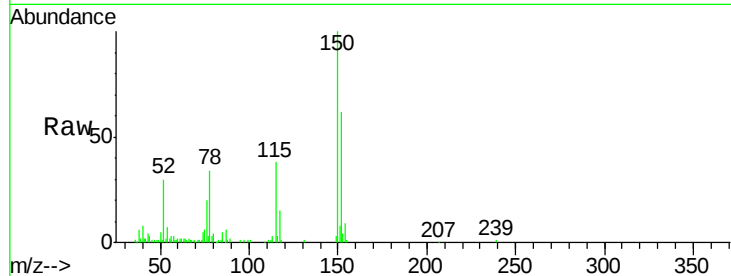


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

Instrument :
BNA_G
ClientSampleId :
EO-02-042319-B

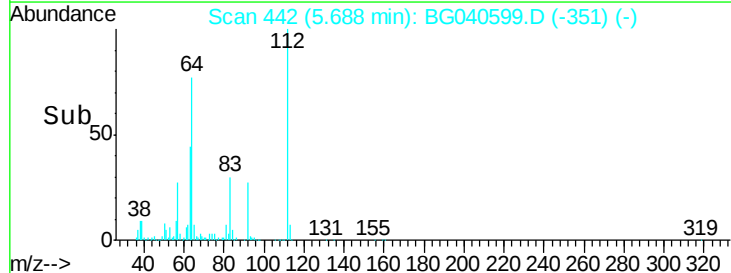
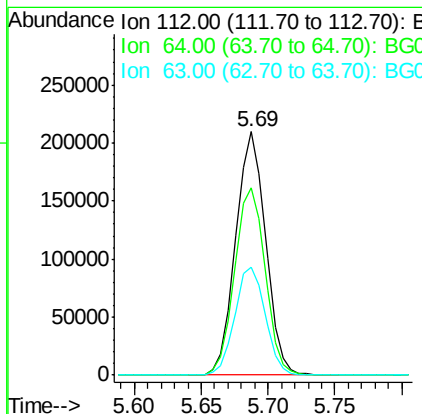
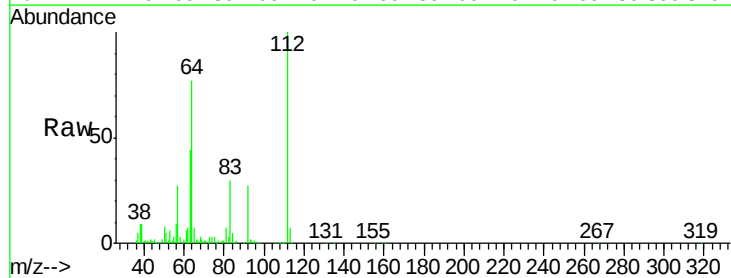
Tgt Ion:152 Resp: 42822
Ion Ratio Lower Upper
152 100
150 162.5 120.2 180.2
115 61.0 46.2 69.2

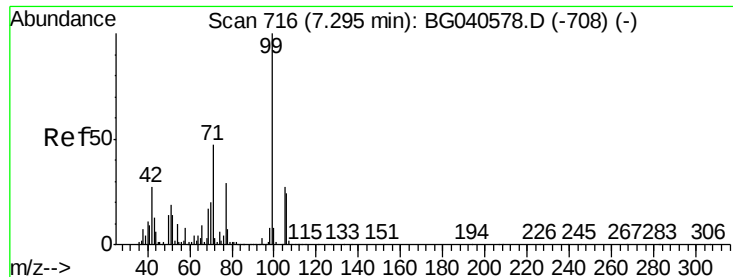


#5

2-Fluorophenol
Concen: 134.355 ng
RT: 5.69 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040599.D
Acq: 24 Apr 2019 18:33

Tgt Ion:112 Resp: 326383
Ion Ratio Lower Upper
112 100
64 77.1 61.4 92.0
63 44.2 37.8 56.6





#7

Phenol-d6

Concen: 120.584 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampleId :

EO-02-042319-B

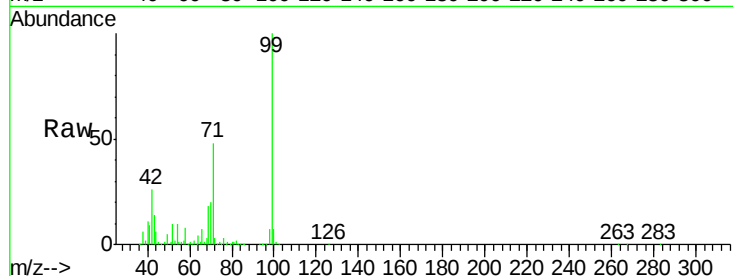
Tgt Ion: 99 Resp: 451026

Ion Ratio Lower Upper

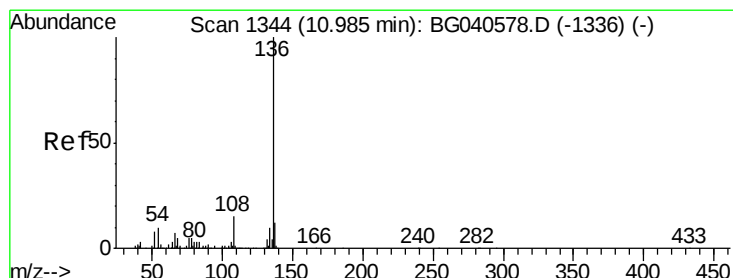
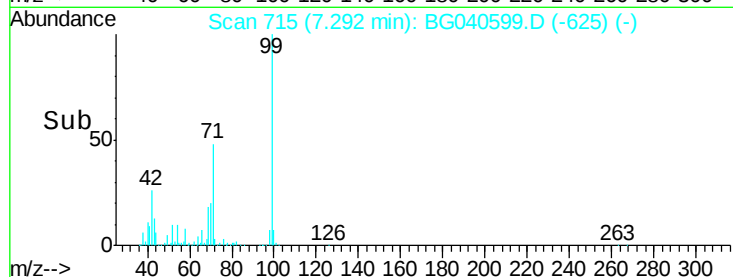
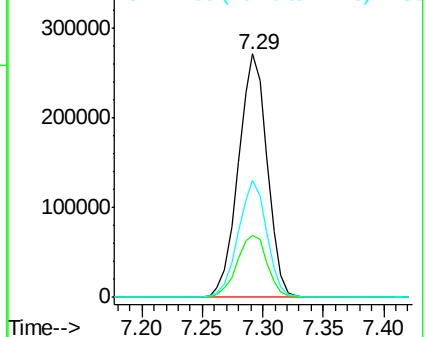
99 100

42 25.7 21.8 32.8

71 48.2 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. -0.00 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Tgt Ion: 136 Resp: 172288

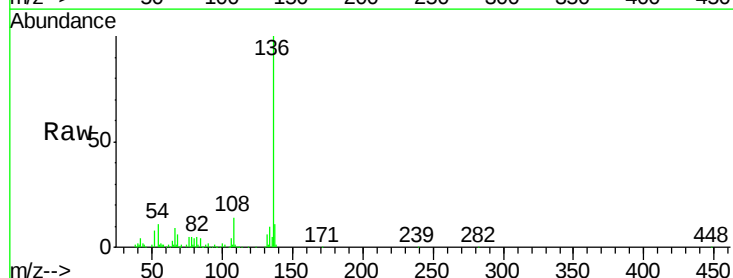
Ion Ratio Lower Upper

136 100

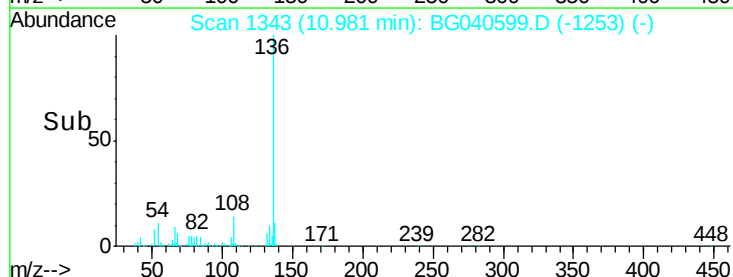
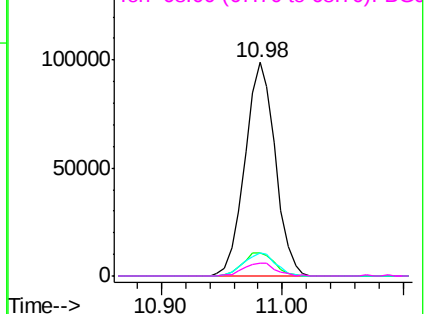
137 10.6 9.7 14.5

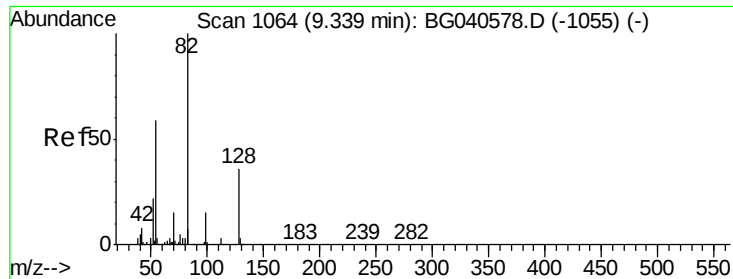
54 10.8 8.6 12.8

68 5.8 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: 97.283 ng

RT: 9.34 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampleId :

EO-02-042319-B

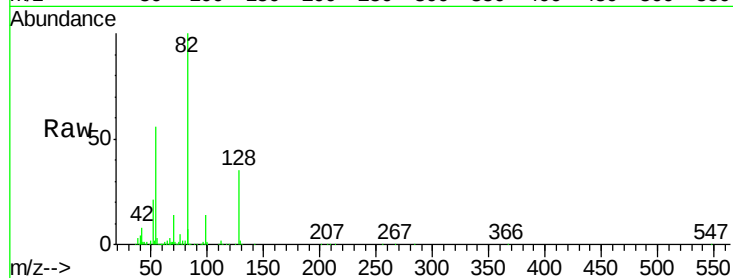
Tgt Ion: 82 Resp: 362736

Ion Ratio Lower Upper

82 100

128 34.7 28.9 43.3

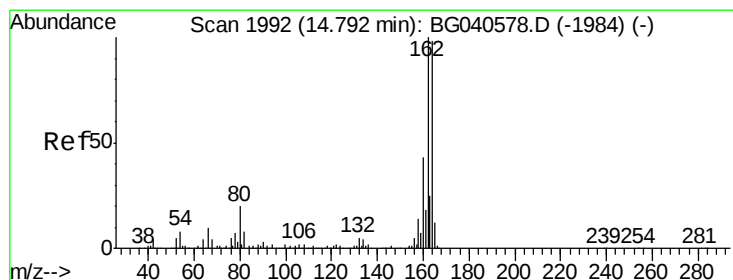
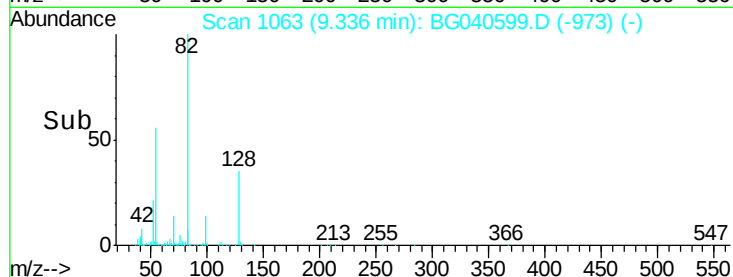
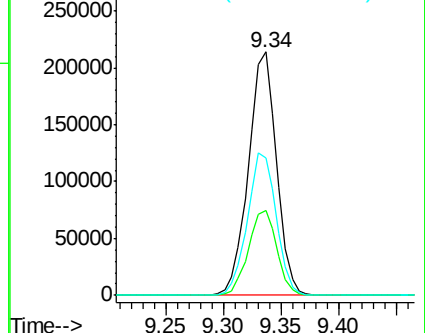
54 56.4 47.2 70.8



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: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

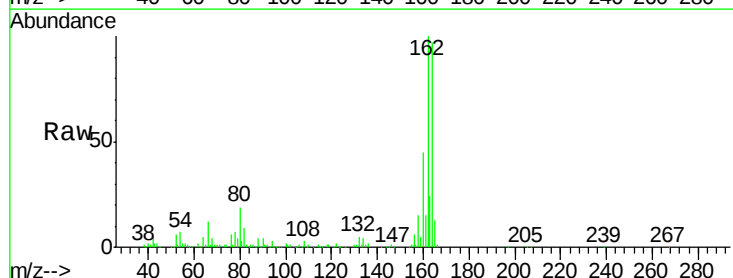
Tgt Ion: 164 Resp: 126669

Ion Ratio Lower Upper

164 100

162 102.8 81.9 122.9

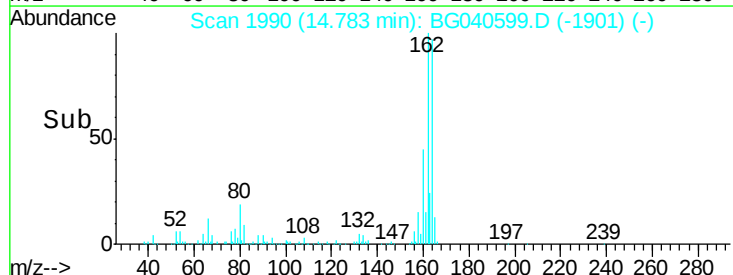
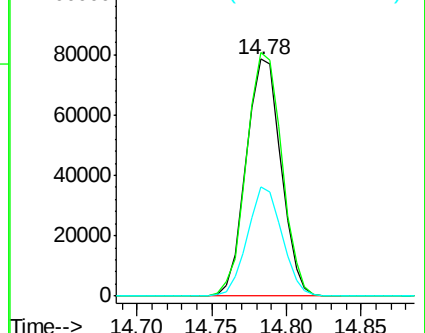
160 46.1 35.4 53.2

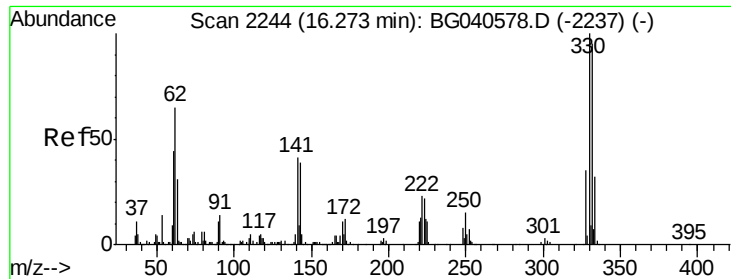


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

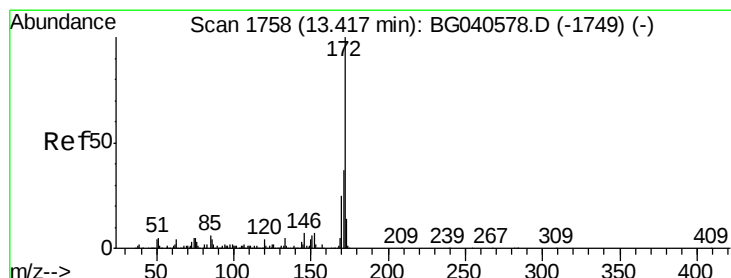
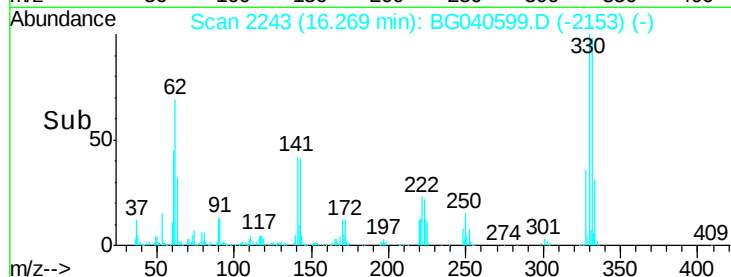
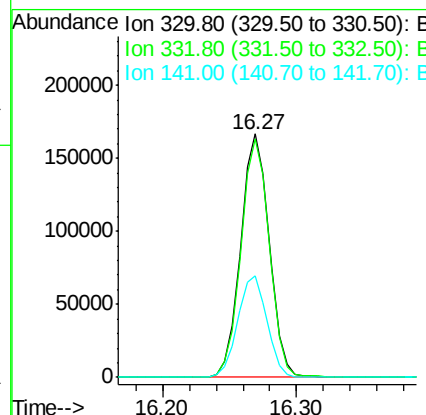
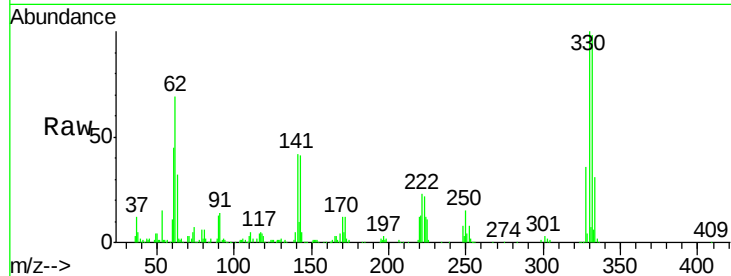




#42
 2,4,6-Tribromophenol
 Concen: 141.768 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.00 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

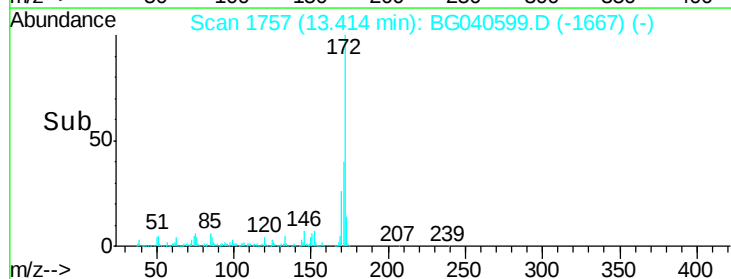
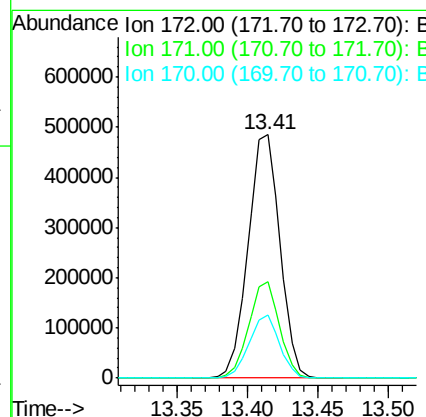
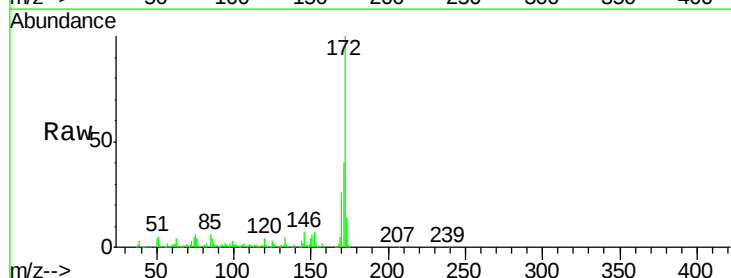
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-042319-B

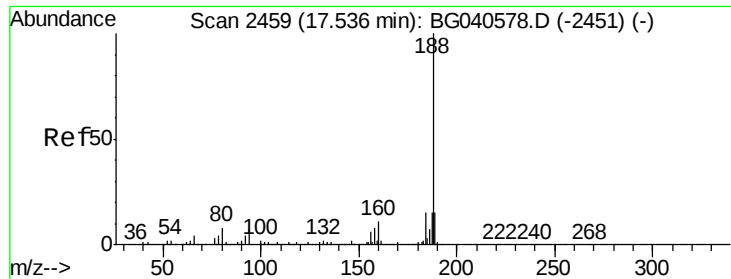
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.9	113.9
141	42.8	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 87.324 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	29.4	44.2
170	25.8	19.9	29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

Instrument :

BNA_G

ClientSampleId :

EO-02-042319-B

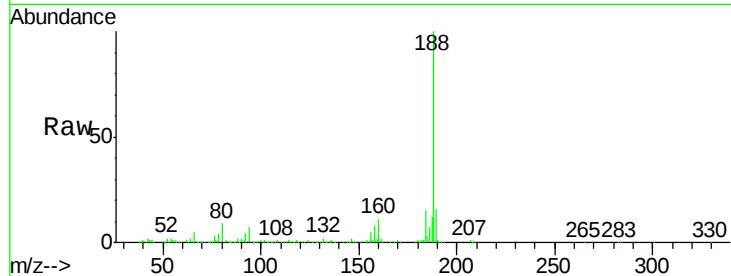
Tgt Ion:188 Resp: 335468

Ion Ratio Lower Upper

188 100

94 6.7 5.6 8.4

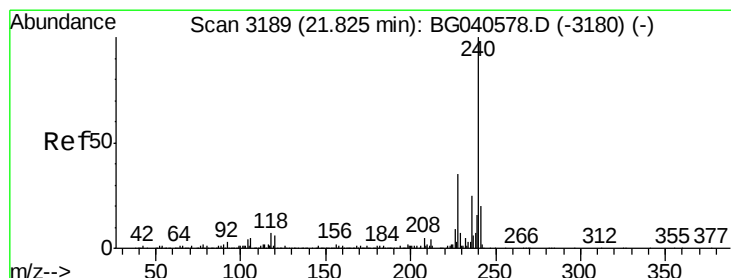
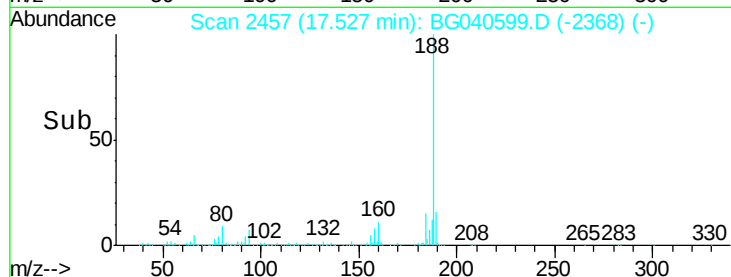
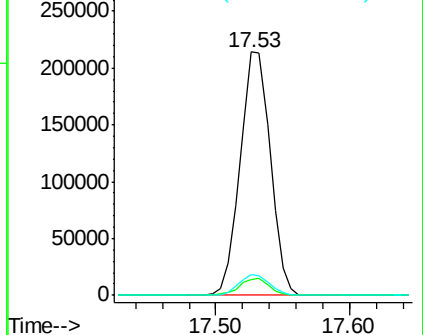
80 8.8 6.4 9.6



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: 21.82 min Scan# 3187

Delta R.T. -0.01 min

Lab File: BG040599.D

Acq: 24 Apr 2019 18:33

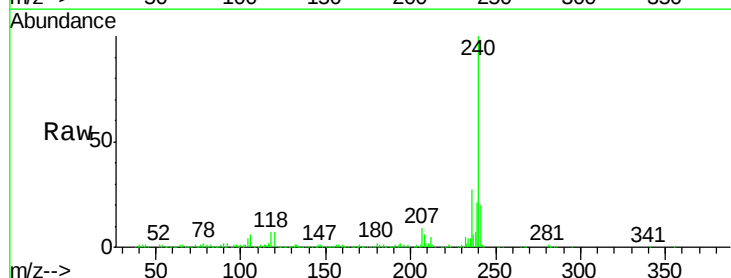
Tgt Ion:240 Resp: 354346

Ion Ratio Lower Upper

240 100

120 6.6 5.0 7.6

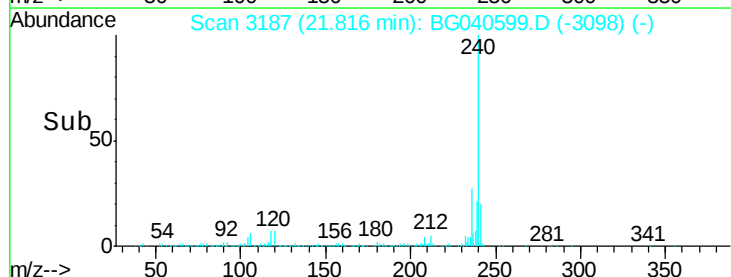
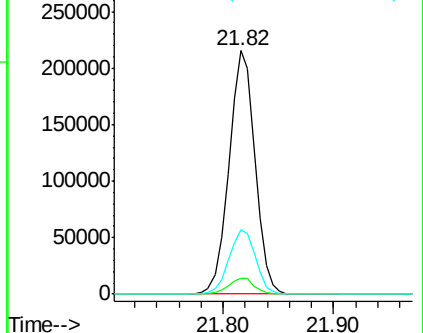
236 26.6 20.3 30.5

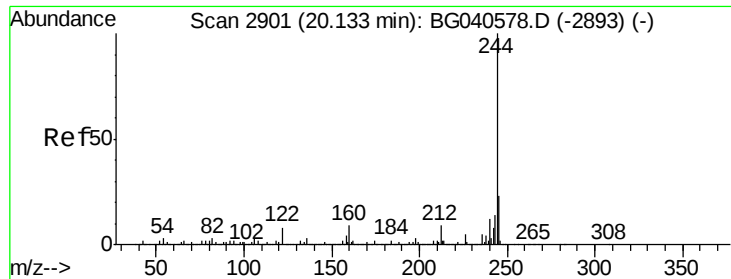


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

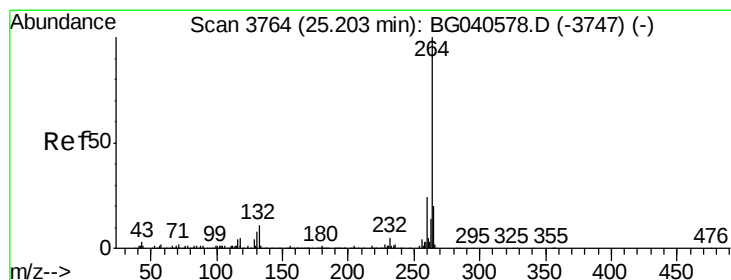
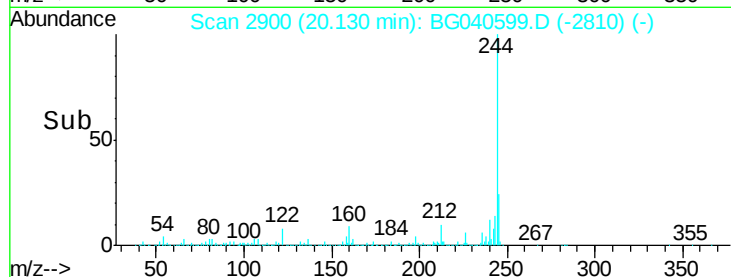
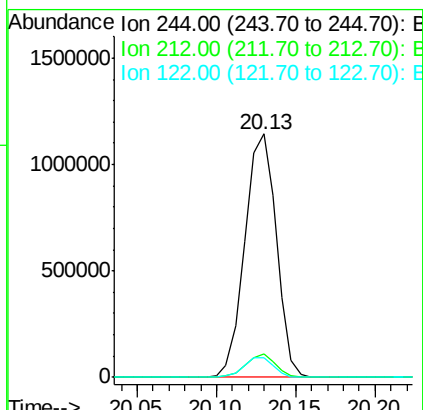
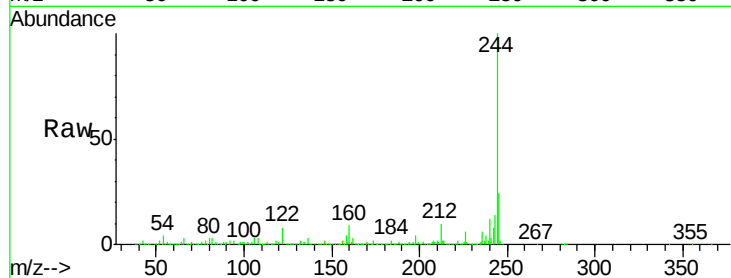




#79
 Terphenyl-d14
 Concen: 98.607 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-042319-B

Tgt Ion:244 Resp: 1577165
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.2 10.8
 122 8.3 6.6 10.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.19 min Scan# 3761
 Delta R.T. -0.01 min
 Lab File: BG040599.D
 Acq: 24 Apr 2019 18:33

Tgt Ion:264 Resp: 376819
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.4 16.6 25.0

