

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
 Data File : BG040861.D
 Acq On : 11 May 2019 1:07
 Operator : HP/JU
 Sample : K2754-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-2

Quant Time: May 11 06:33:39 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	8.13	152	51114	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	201265	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	144511	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	404017	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	460026	20.00	ng	-0.04
87) Perylene-d12	25.13	264	459257	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	388351	133.93	ng	-0.02
7) Phenol-d6	7.27	99	519043	116.26	ng	-0.02
23) Nitrobenzene-d5	9.31	82	442098	101.50	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	354075	178.26	ng	-0.03
45) 2-Fluorobiphenyl	13.39	172	978833	97.82	ng	-0.03
79) Terphenyl-d14	20.11	244	2047242	98.59	ng	-0.03

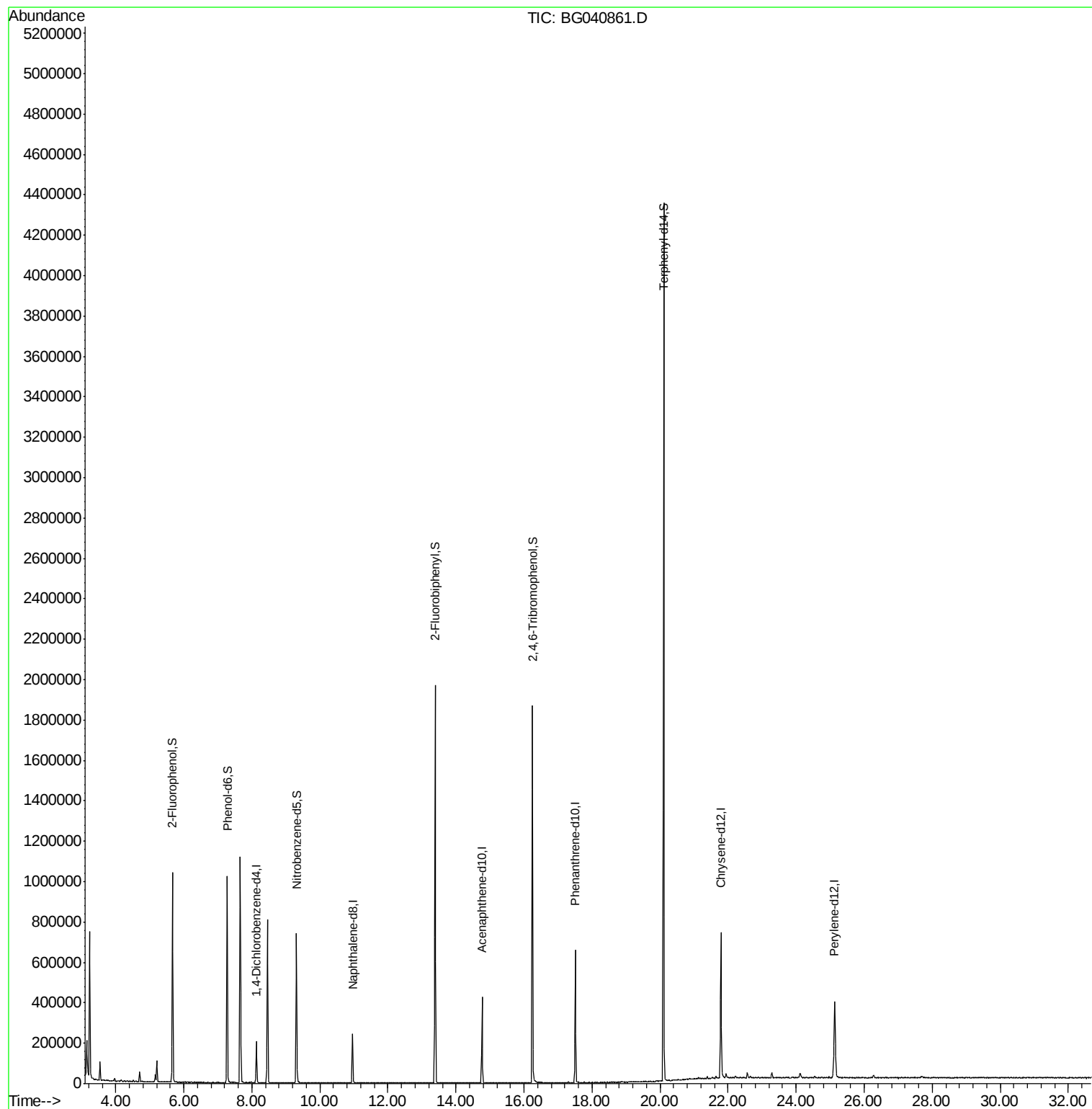
Target Compounds	Qvalue
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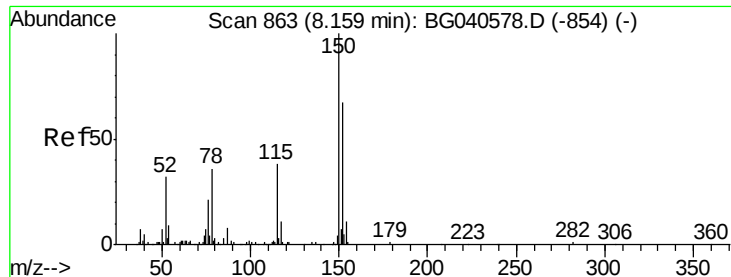
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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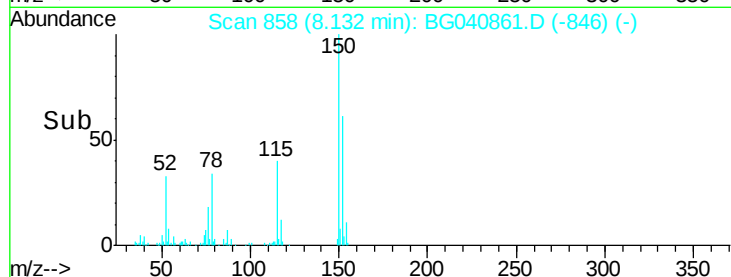
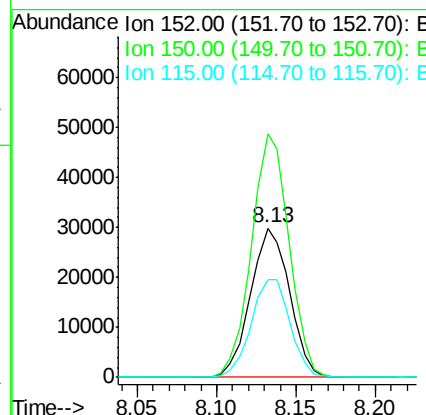
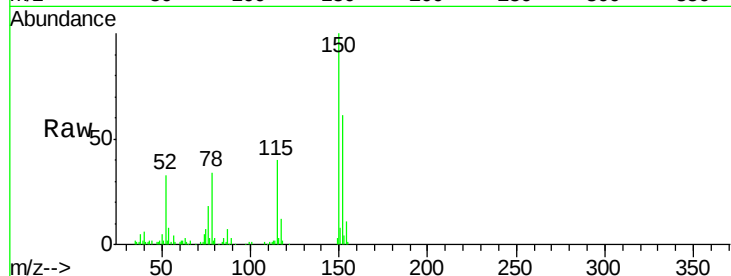


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040861.D
Acq: 11 May 2019 1:07

Instrument :
BNA_G
ClientSampleId :
C-2

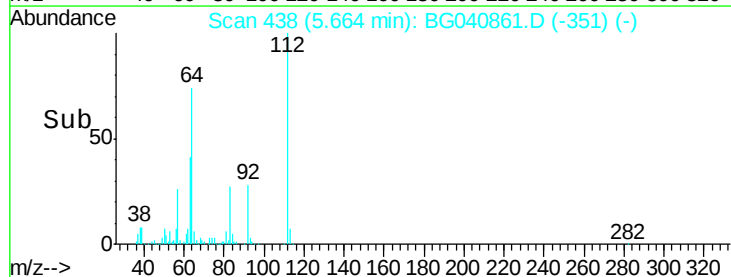
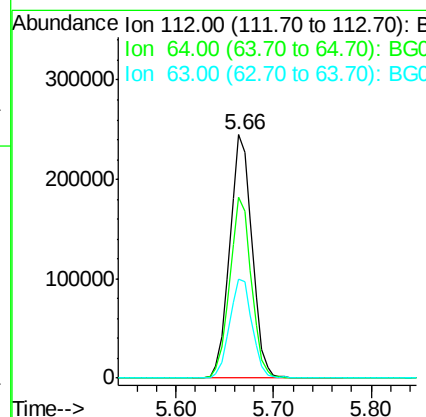
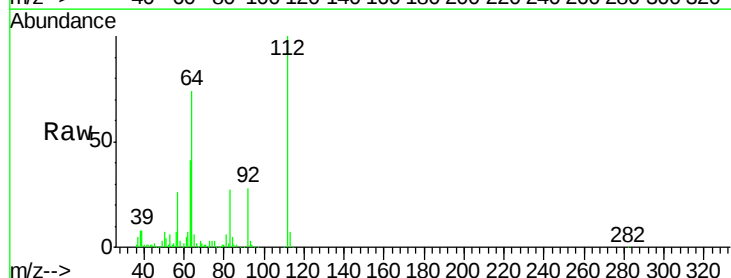
Tgt Ion:152 Resp: 51114
Ion Ratio Lower Upper
152 100
150 163.0 120.2 180.2
115 65.2 46.2 69.2

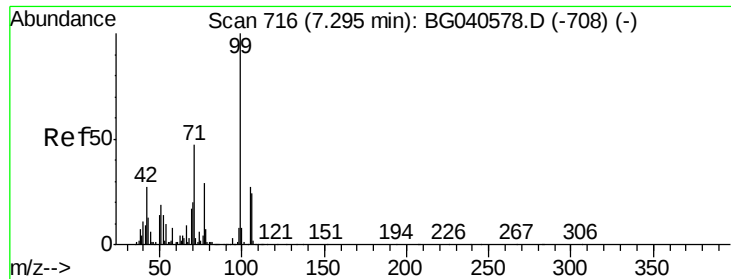


#5

2-Fluorophenol
Concen: 133.930 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040861.D
Acq: 11 May 2019 1:07

Tgt Ion:112 Resp: 388351
Ion Ratio Lower Upper
112 100
64 74.3 61.4 92.0
63 40.8 37.8 56.6





#7

Phenol-d6

Concen: 116.256 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040861.D

Acq: 11 May 2019 1:07

Instrument :

BNA_G

ClientSampleId :

C-2

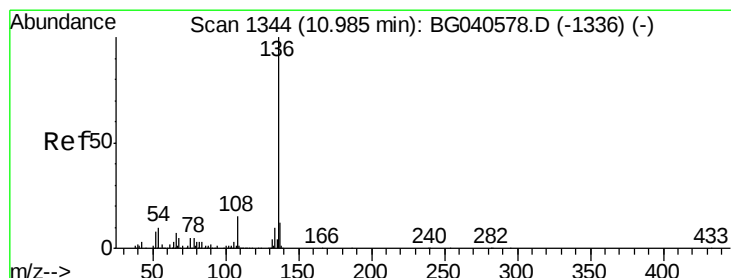
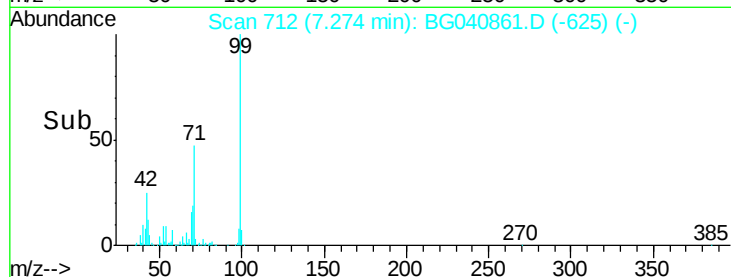
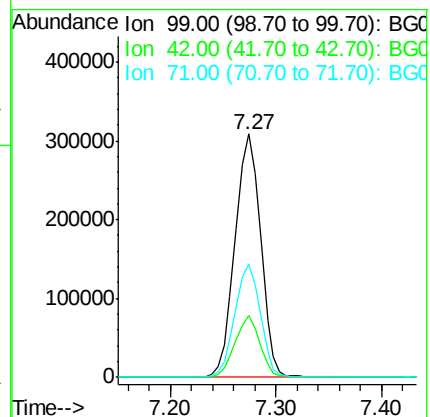
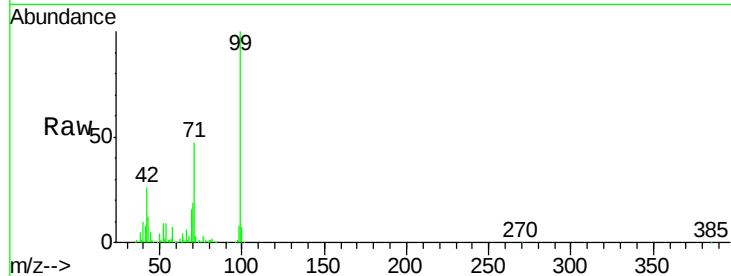
Tgt Ion: 99 Resp: 519043

Ion Ratio Lower Upper

99 100

42 25.5 21.8 32.8

71 46.6 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BG040861.D

Acq: 11 May 2019 1:07

Tgt Ion: 136 Resp: 201265

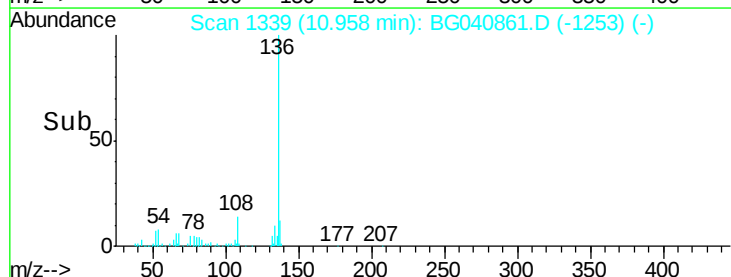
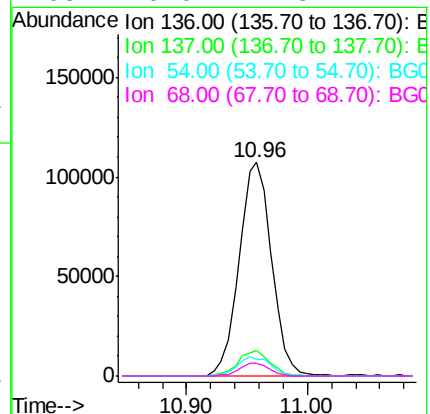
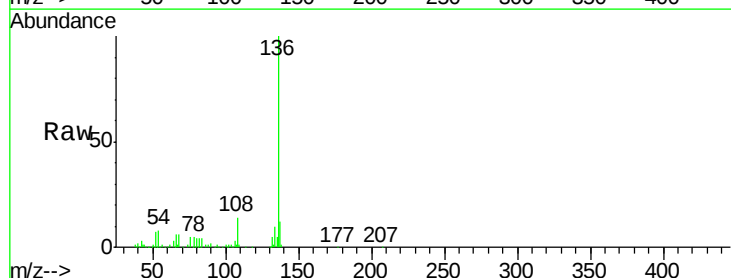
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 8.0 8.6 12.8#

68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 101.497 ng

RT: 9.31 min Scan# 1059

Delta R.T. -0.03 min

Lab File: BG040861.D

Acq: 11 May 2019 1:07

Instrument :

BNA_G

ClientSampleId :

C-2

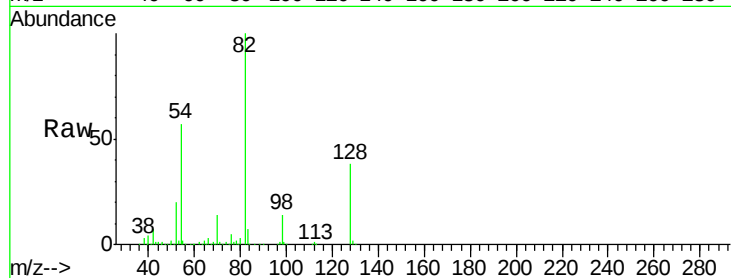
Tgt Ion: 82 Resp: 442098

Ion Ratio Lower Upper

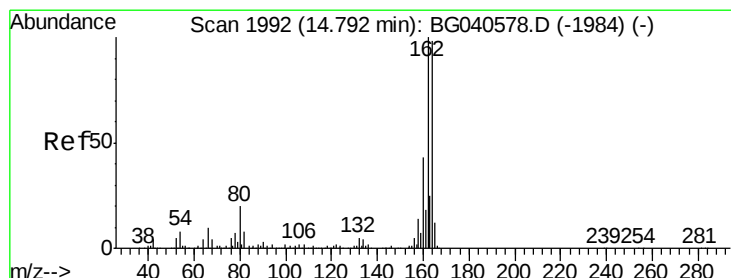
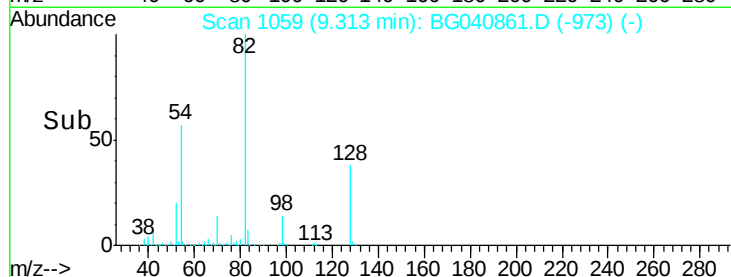
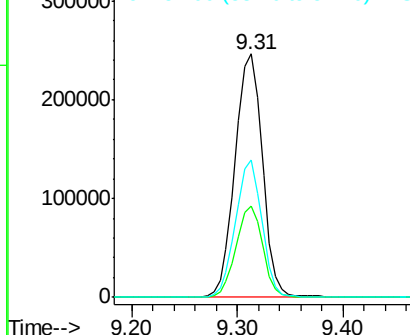
82 100

128 37.7 28.9 43.3

54 56.7 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: 14.76 min Scan# 1986

Delta R.T. -0.03 min

Lab File: BG040861.D

Acq: 11 May 2019 1:07

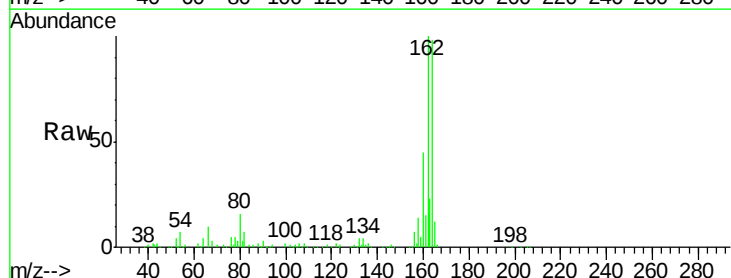
Tgt Ion: 164 Resp: 144511

Ion Ratio Lower Upper

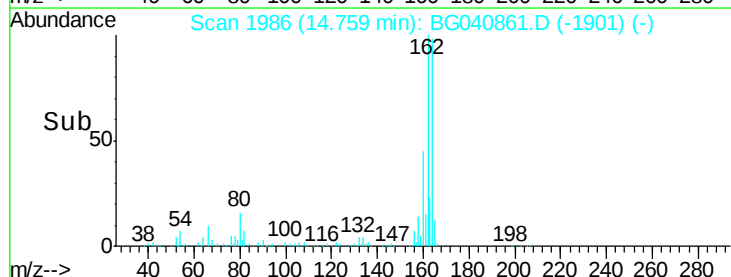
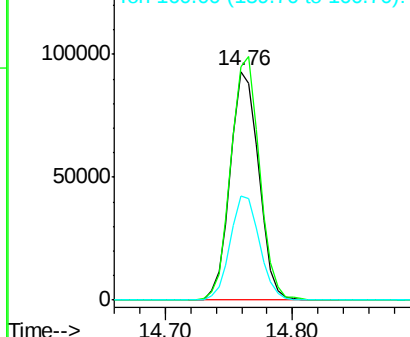
164 100

162 102.1 81.9 122.9

160 45.5 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

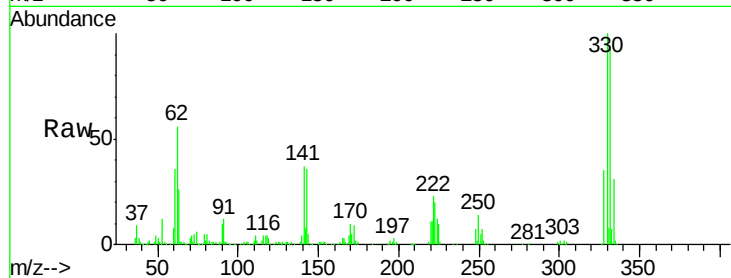




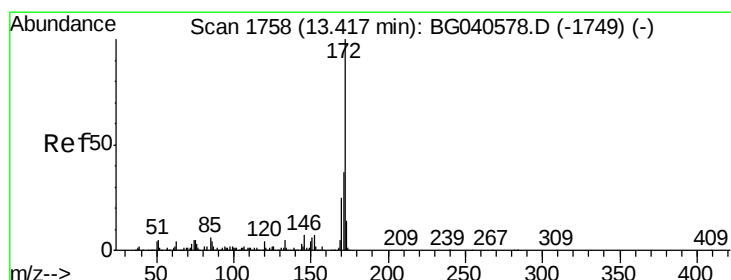
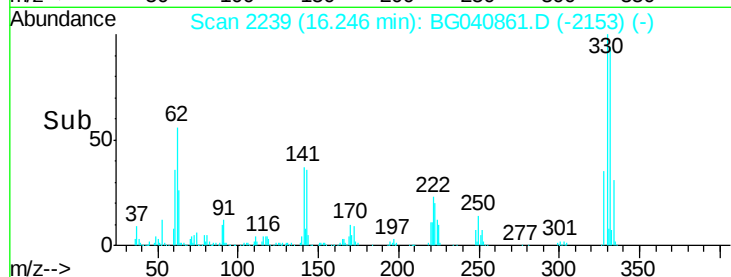
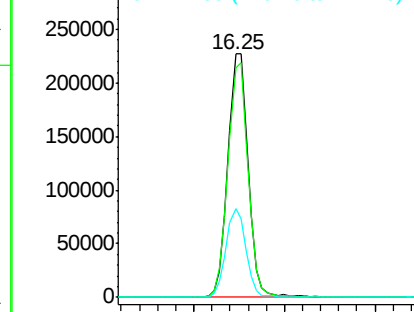
#42
 2,4,6-Tribromophenol
 Concen: 178.255 ng
 RT: 16.25 min Scan# 2239
 Delta R.T. -0.03 min
 Lab File: BG040861.D
 Acq: 11 May 2019 1:07

Instrument :
 BNA_G
 ClientSampleId :
 C-2

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.9	113.9
141	35.8	32.4	48.6

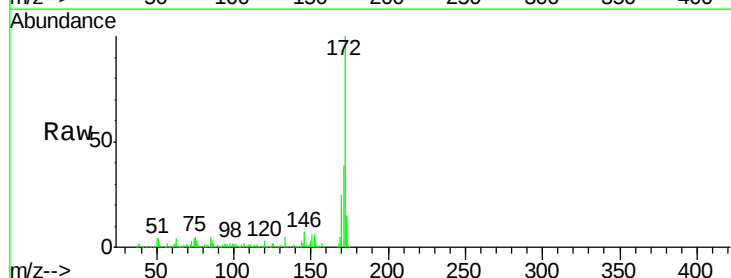


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

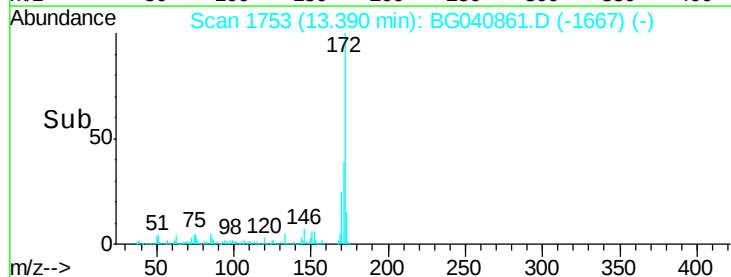
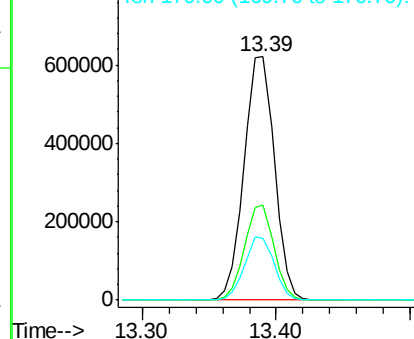


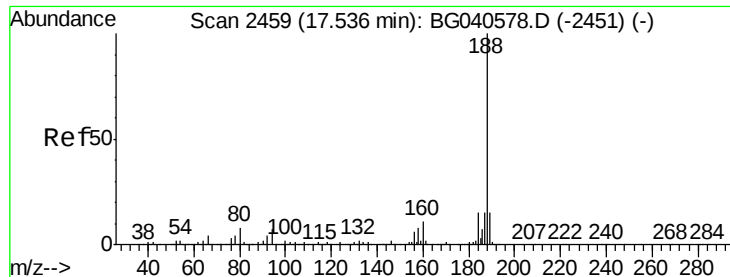
#45
 2-Fluorobiphenyl
 Concen: 97.822 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040861.D
 Acq: 11 May 2019 1:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	29.4	44.2
170	25.4	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

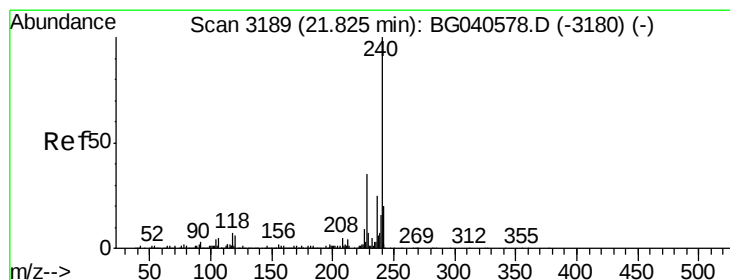
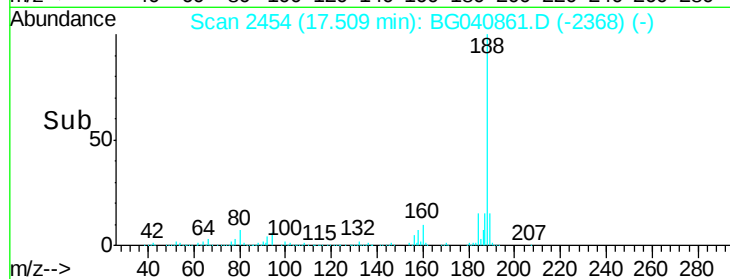
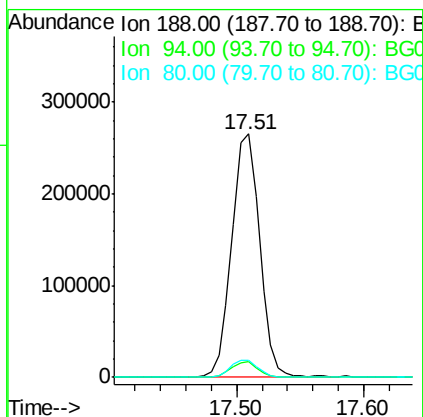
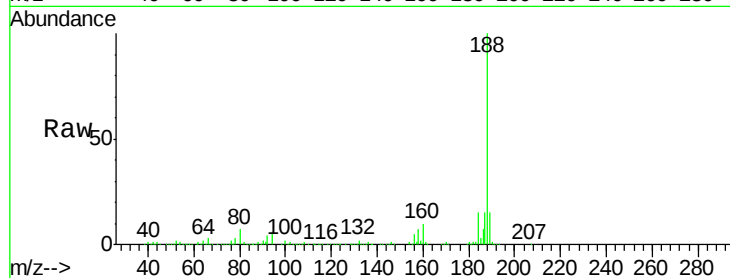




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040861.D
Acq: 11 May 2019 1:07

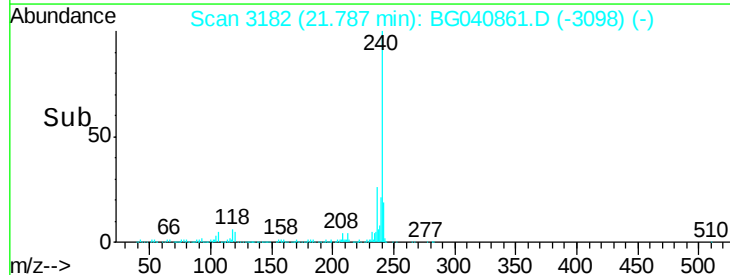
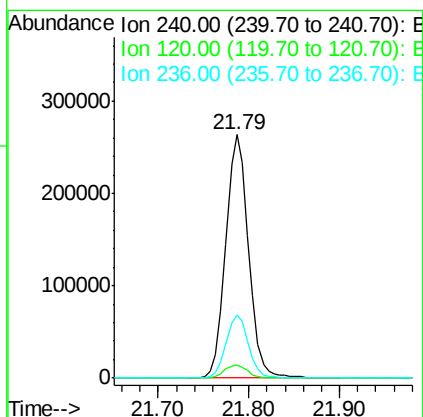
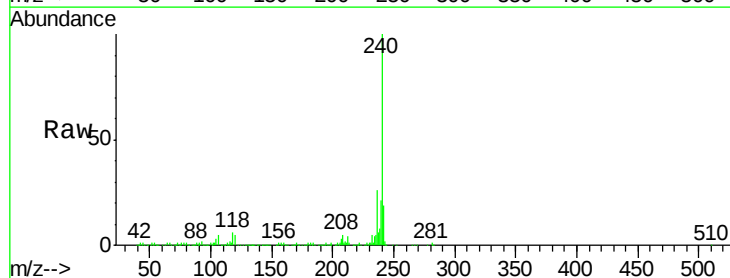
Instrument :
BNA_G
ClientSampleId :
C-2

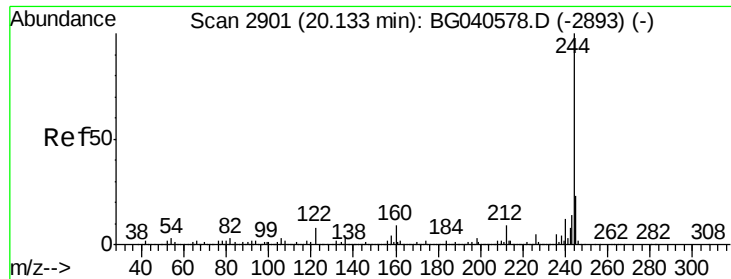
Tgt Ion:188 Resp: 404017
Ion Ratio Lower Upper
188 100
94 6.3 5.6 8.4
80 7.2 6.4 9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3182
Delta R.T. -0.04 min
Lab File: BG040861.D
Acq: 11 May 2019 1:07

Tgt Ion:240 Resp: 460026
Ion Ratio Lower Upper
240 100
120 5.4 5.0 7.6
236 26.0 20.3 30.5





#79

Terphenyl-d14

Concen: 98.592 ng

RT: 20.11 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040861.D

Acq: 11 May 2019 1:07

Instrument :

BNA_G

ClientSampleId :

C-2

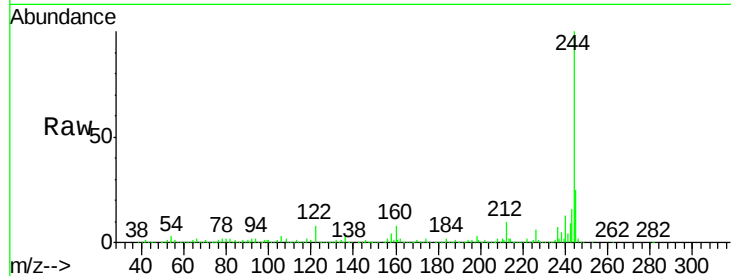
Tgt Ion:244 Resp: 2047242

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

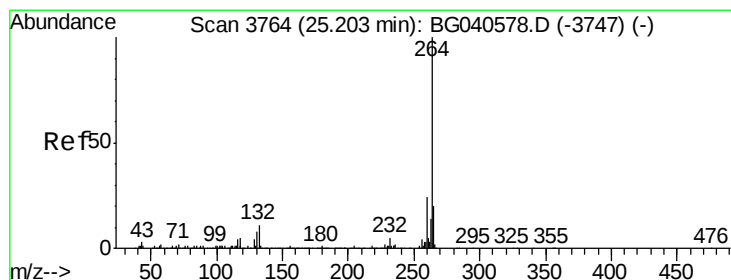
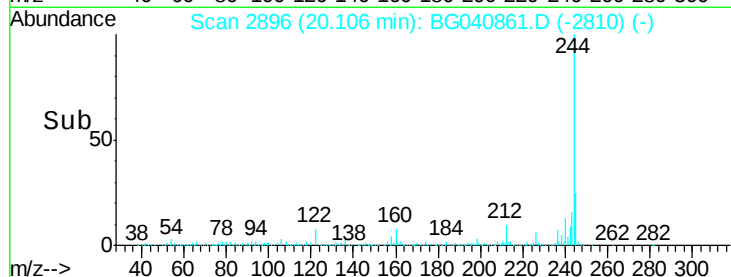
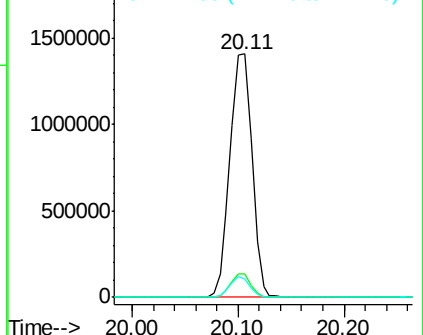
122 7.5 6.6 10.0



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: 25.13 min Scan# 3751

Delta R.T. -0.07 min

Lab File: BG040861.D

Acq: 11 May 2019 1:07

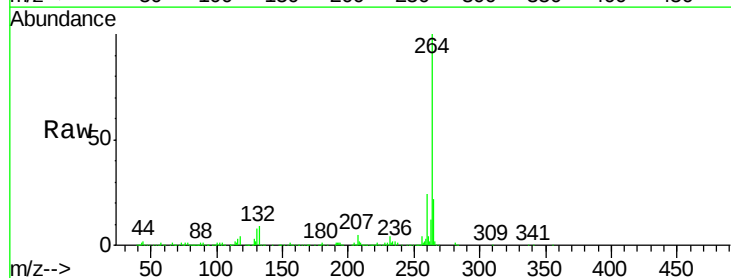
Tgt Ion:264 Resp: 459257

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.3 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

