

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
 Data File : BG040857.D
 Acq On : 10 May 2019 22:35
 Operator : HP/JU
 Sample : PB119611TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119611TB

Quant Time: May 11 06:19:18 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	48460	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	183309	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	139374	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	384009	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	451270	20.00	ng	-0.04
87) Perylene-d12	25.14	264	442827	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	341853	124.35	ng	-0.02
7) Phenol-d6	7.27	99	491302	116.07	ng	-0.02
23) Nitrobenzene-d5	9.31	82	329165	82.97	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	266772	139.25	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	772691	80.07	ng	-0.03
79) Terphenyl-d14	20.10	244	1654409	81.22	ng	-0.03

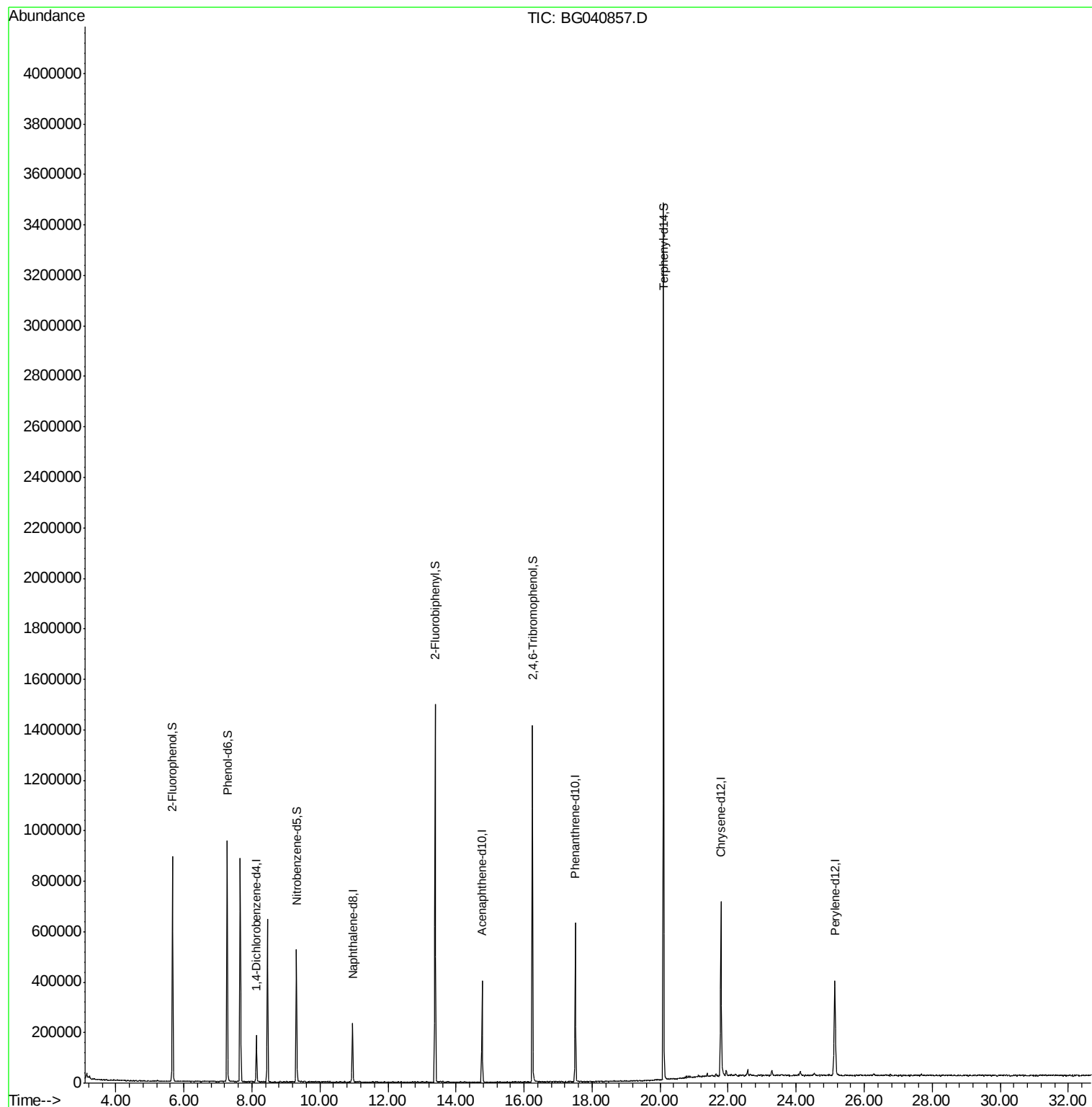
Target Compounds	Qvalue
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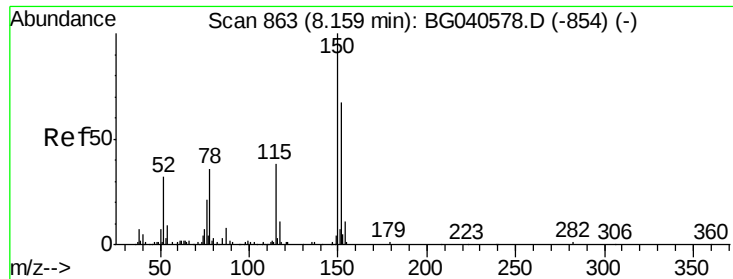
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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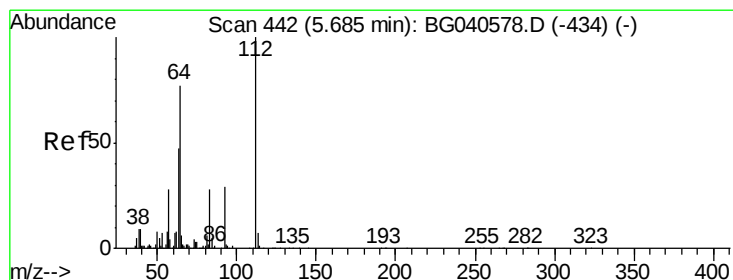
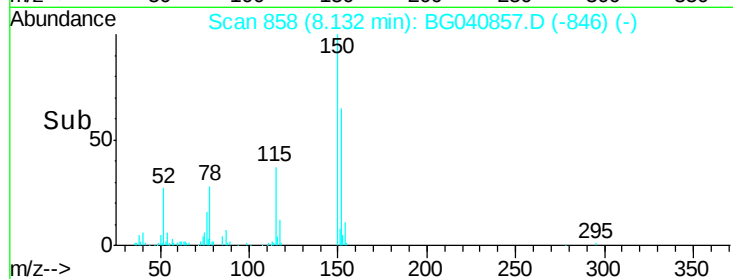
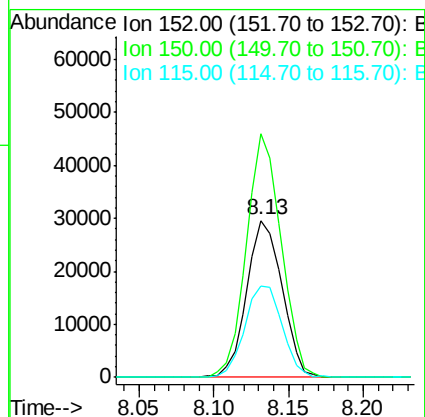
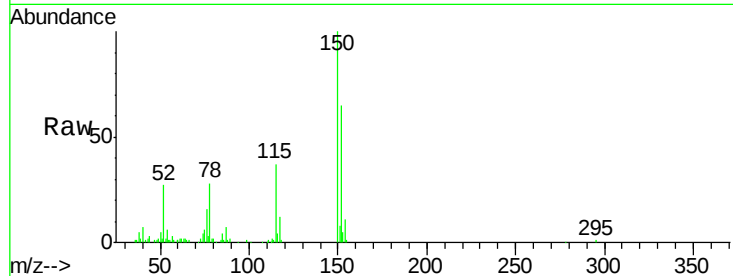


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040857.D
Acq: 10 May 2019 22:35

Instrument :
BNA_G
ClientSampleId :
PB119611TB

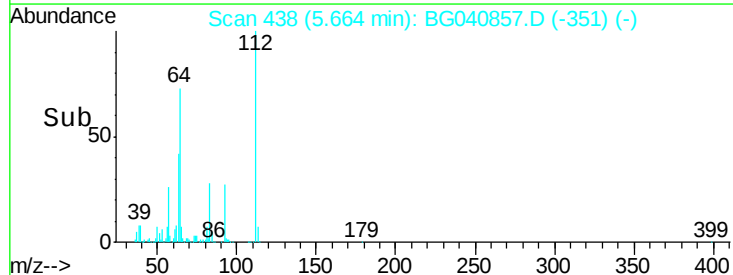
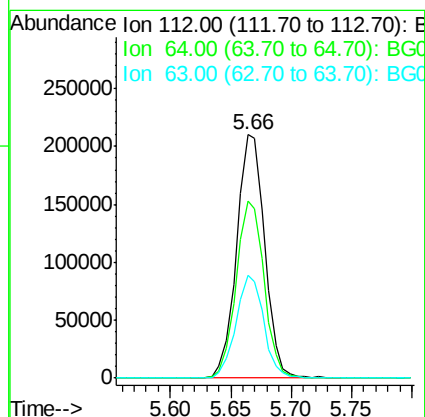
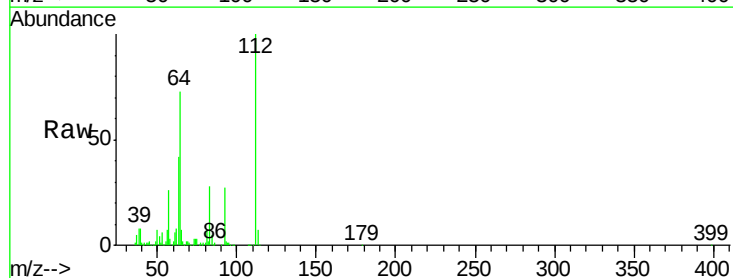
Tgt Ion:152 Resp: 48460
Ion Ratio Lower Upper
152 100
150 154.9 120.2 180.2
115 57.8 46.2 69.2



#5

2-Fluorophenol
Concen: 124.351 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040857.D
Acq: 10 May 2019 22:35

Tgt Ion:112 Resp: 341853
Ion Ratio Lower Upper
112 100
64 72.5 61.4 92.0
63 42.2 37.8 56.6





#7

Phenol-d6

Concen: 116.070 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040857.D

Acq: 10 May 2019 22:35

Instrument :

BNA_G

ClientSampleId :

PB119611TB

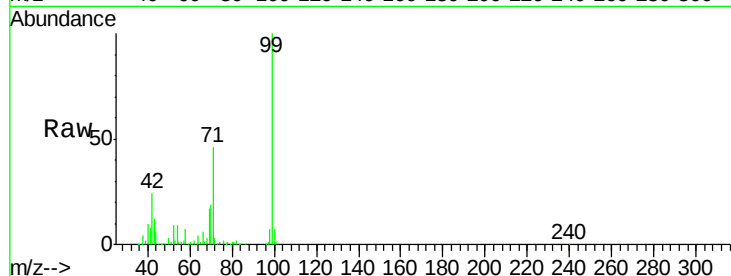
Tgt Ion: 99 Resp: 491302

Ion Ratio Lower Upper

99 100

42 23.5 21.8 32.8

71 46.0 38.6 57.8

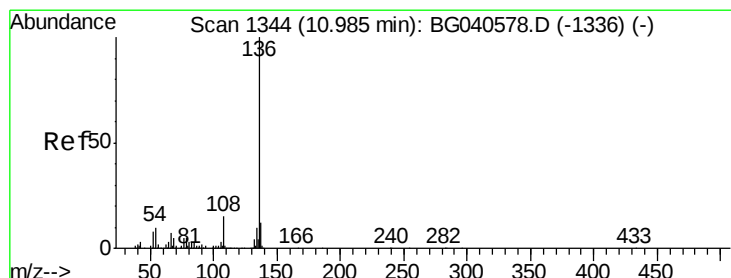
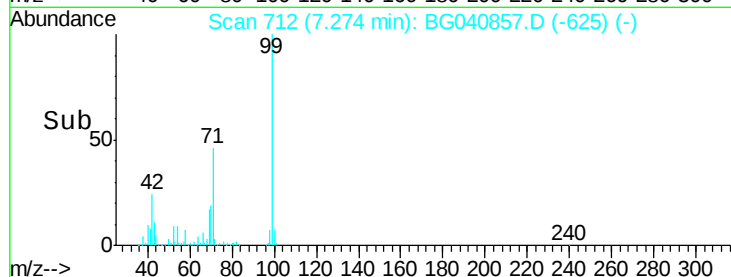
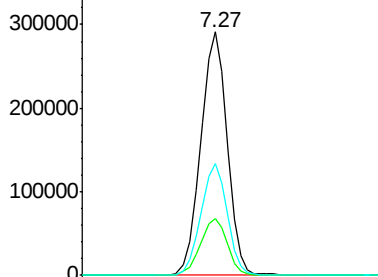


Abundance

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: 10.96 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BG040857.D

Acq: 10 May 2019 22:35

Tgt Ion: 136 Resp: 183309

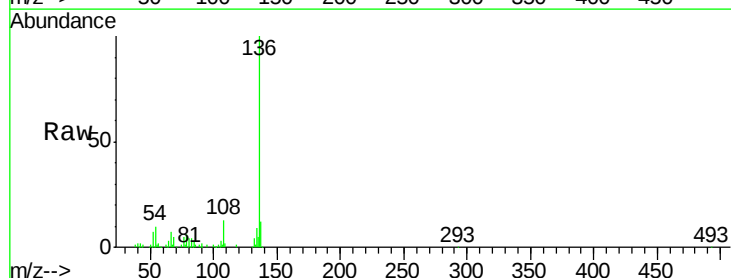
Ion Ratio Lower Upper

136 100

137 12.3 9.7 14.5

54 9.5 8.6 12.8

68 4.9 4.8 7.2



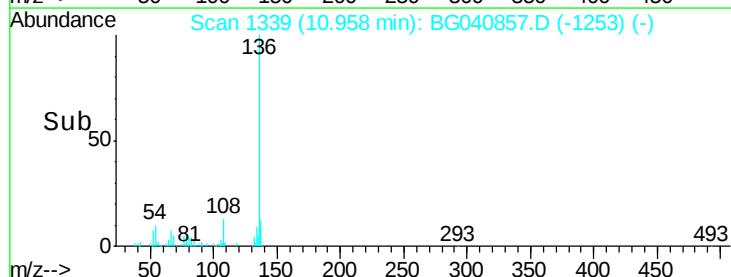
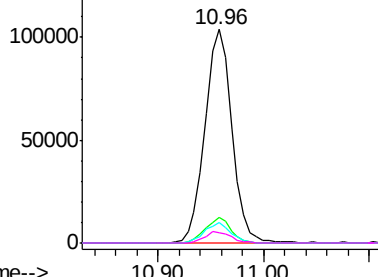
Abundance

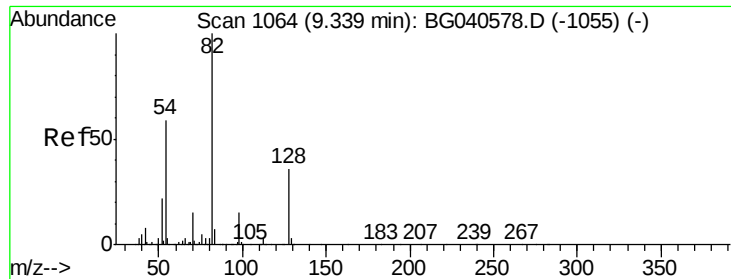
Ion 136.00 (135.70 to 136.70): BGC

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

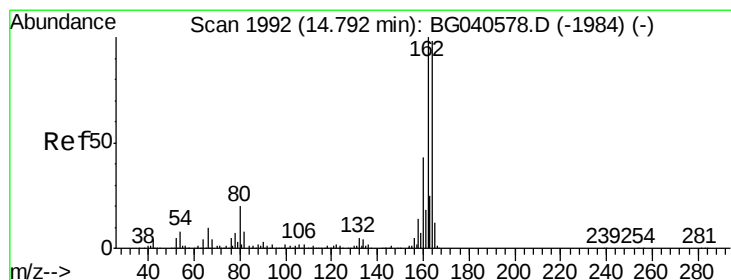
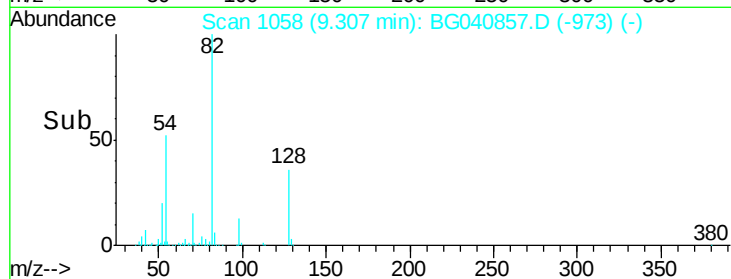
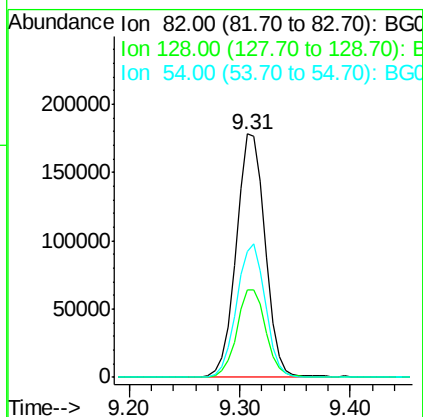
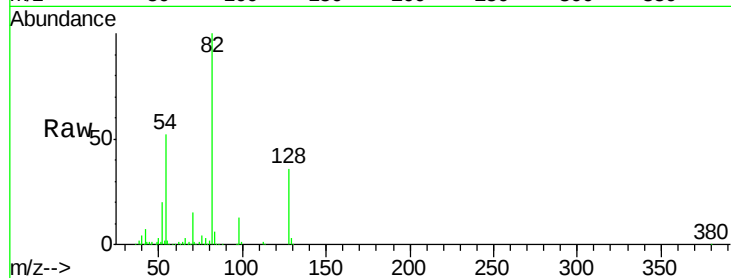




#23
 Nitrobenzene-d5
 Concen: 82.972 ng
 RT: 9.31 min Scan# 1058
 Delta R.T. -0.03 min
 Lab File: BG040857.D
 Acq: 10 May 2019 22:35

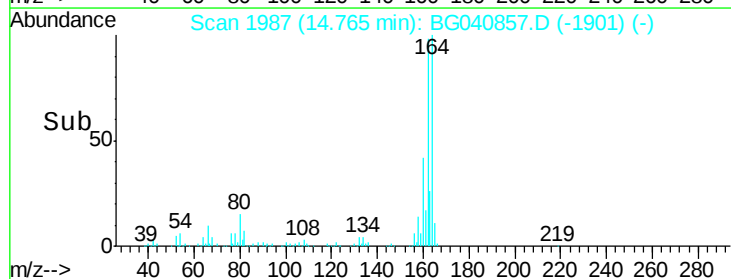
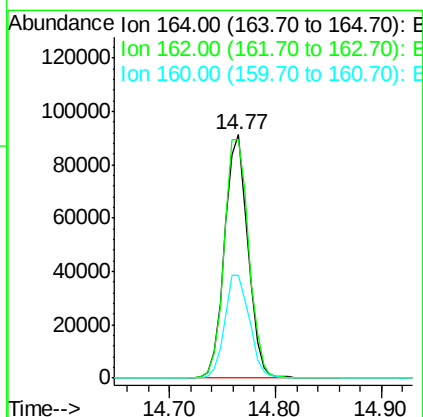
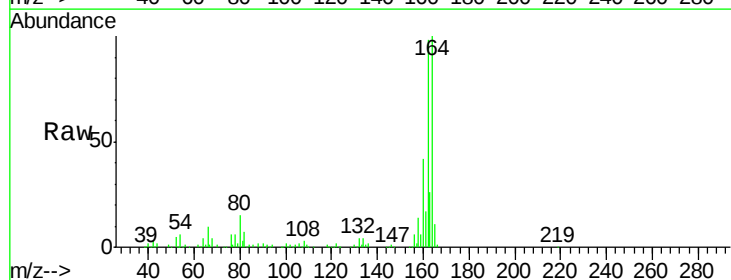
Instrument :
 BNA_G
 ClientSampleId :
 PB119611TB

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.0	28.9	43.3
54	51.8	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1987
 Delta R.T. -0.03 min
 Lab File: BG040857.D
 Acq: 10 May 2019 22:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	81.9	122.9
160	42.5	35.4	53.2

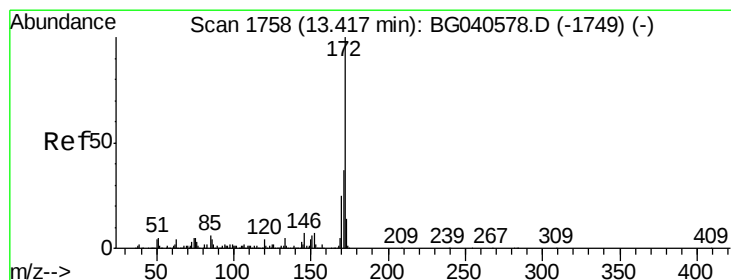
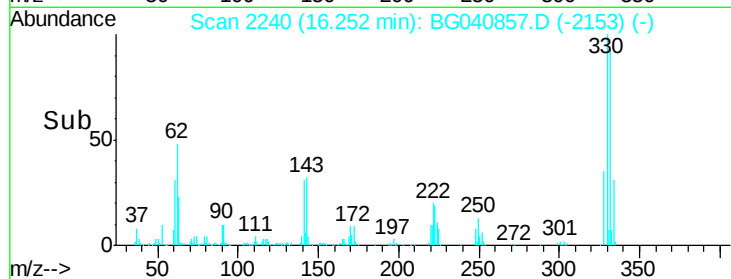
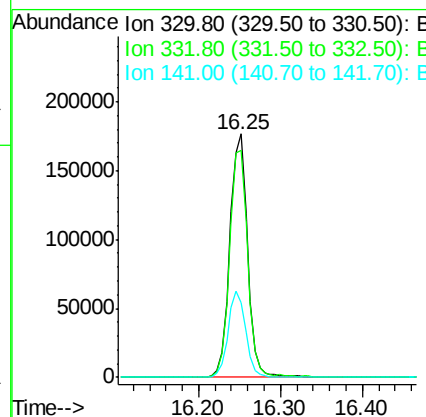
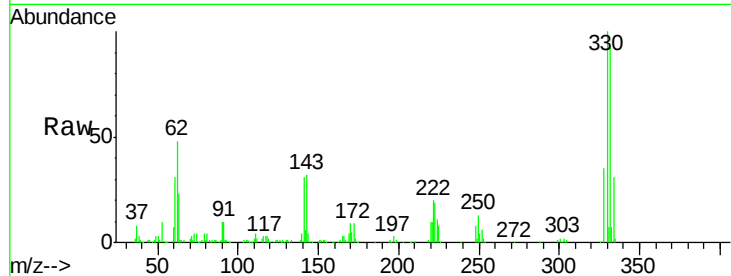




#42
 2,4,6-Tribromophenol
 Concen: 139.254 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.02 min
 Lab File: BG040857.D
 Acq: 10 May 2019 22:35

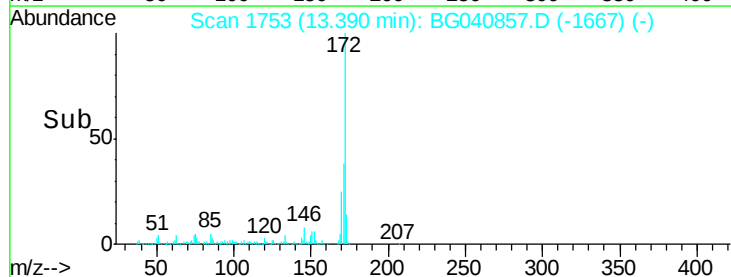
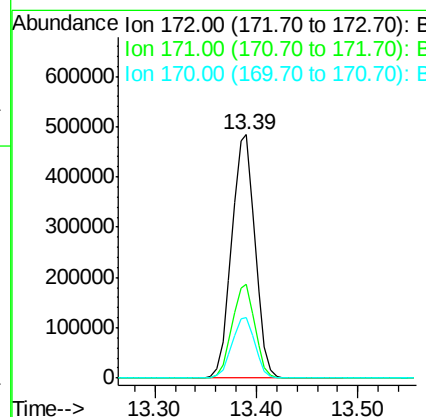
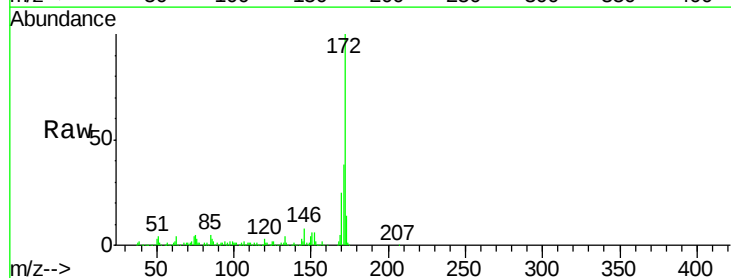
Instrument :
 BNA_G
 ClientSampleId :
 PB119611TB

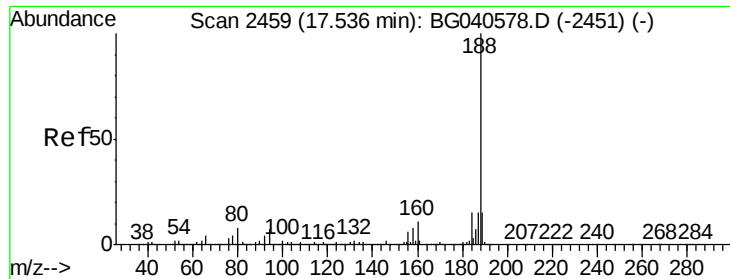
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.9	113.9
141	35.2	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 80.067 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040857.D
 Acq: 10 May 2019 22:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.2
170	24.7	19.9	29.9

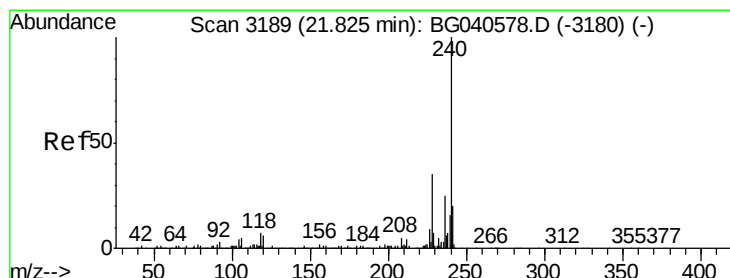
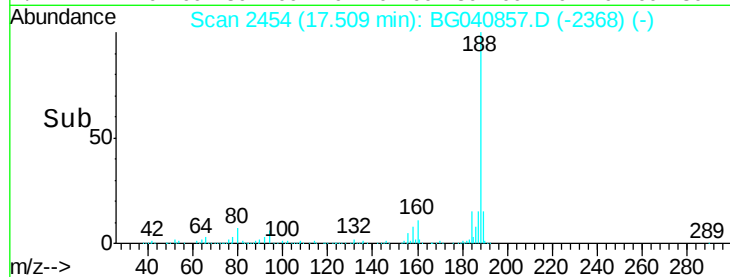
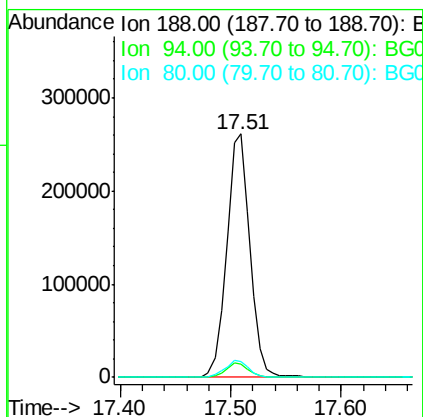
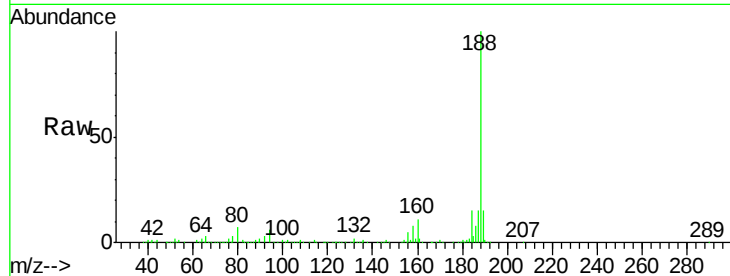




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040857.D
Acq: 10 May 2019 22:35

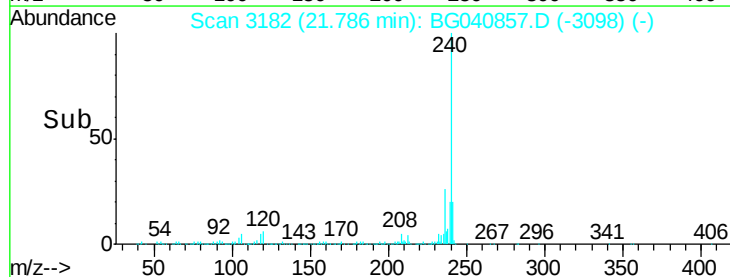
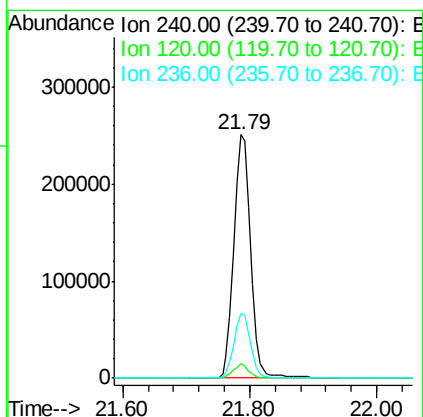
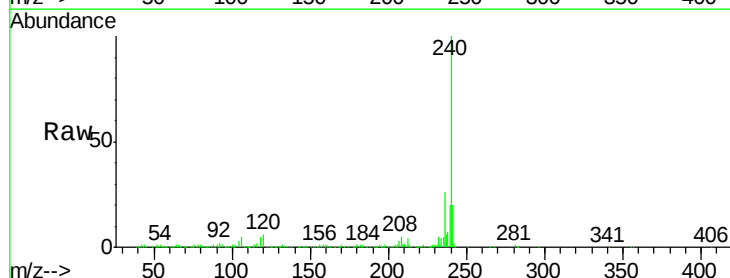
Instrument :
BNA_G
ClientSampleId :
PB119611TB

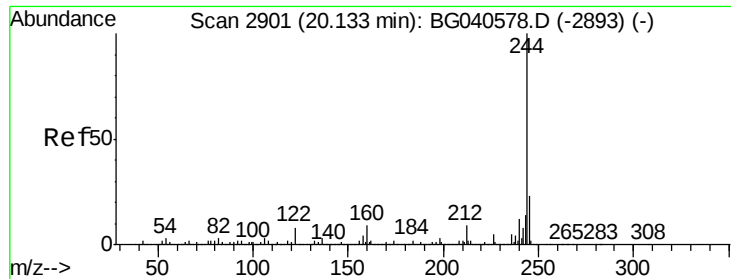
Tgt Ion:188 Resp: 384009
Ion Ratio Lower Upper
188 100
94 5.7 5.6 8.4
80 6.6 6.4 9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3182
Delta R.T. -0.04 min
Lab File: BG040857.D
Acq: 10 May 2019 22:35

Tgt Ion:240 Resp: 451270
Ion Ratio Lower Upper
240 100
120 5.7 5.0 7.6
236 26.5 20.3 30.5





#79

Terphenyl-d14

Concen: 81.220 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG040857.D

Acq: 10 May 2019 22:35

Instrument :

BNA_G

ClientSampleId :

PB119611TB

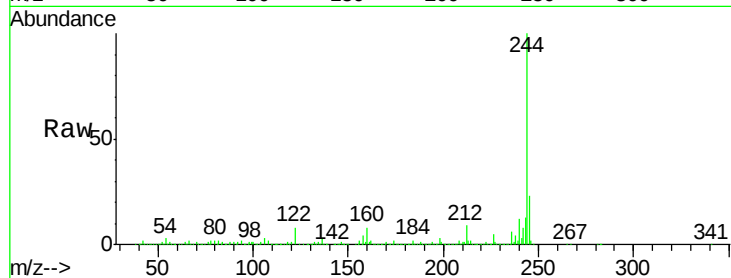
Tgt Ion:244 Resp: 1654409

Ion Ratio Lower Upper

244 100

212 8.7 7.2 10.8

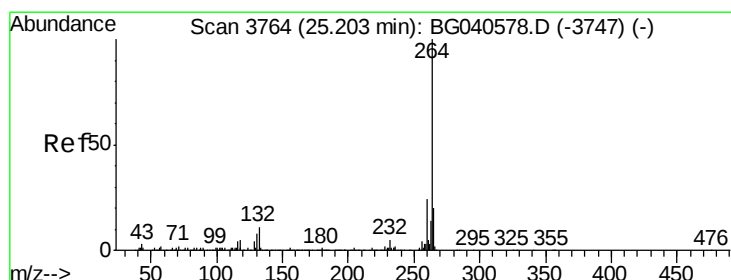
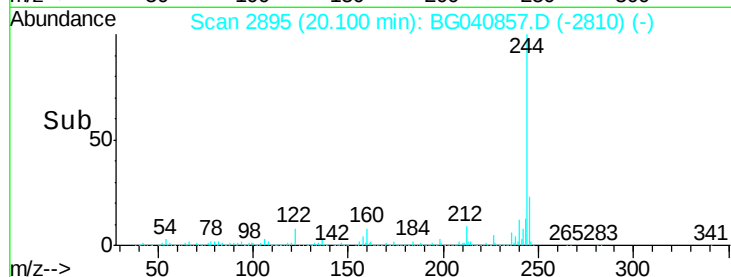
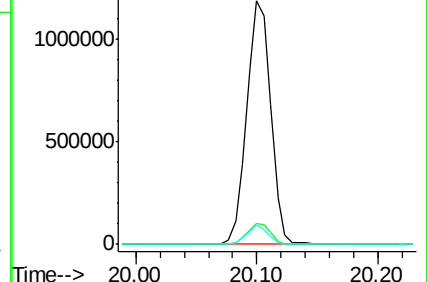
122 8.3 6.6 10.0



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: 25.14 min Scan# 3752

Delta R.T. -0.07 min

Lab File: BG040857.D

Acq: 10 May 2019 22:35

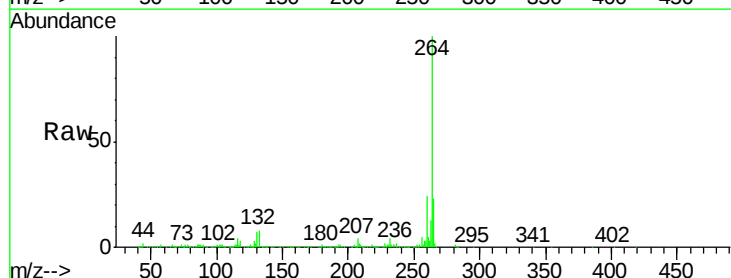
Tgt Ion:264 Resp: 442827

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.9 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

