

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
 Data File : BG040658.D
 Acq On : 29 Apr 2019 12:55
 Operator : JU/SJ
 Sample : PB119139BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119139BL

Quant Time: Apr 30 03:07:23 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	8.15	152	49508	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	204884	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	156705	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	437315	20.00	ng	0.00
76) Chrysene-d12	21.81	240	493484	20.00	ng	-0.02
87) Perylene-d12	25.18	264	478861	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	296853	105.70	ng	0.00
7) Phenol-d6	7.29	99	433115	100.16	ng	0.00
23) Nitrobenzene-d5	9.33	82	304111	68.58	ng	0.00
42) 2,4,6-Tribromophenol	16.26	330	229983	106.77	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	671197	61.86	ng	0.00
79) Terphenyl-d14	20.12	244	1400126	62.86	ng	-0.02

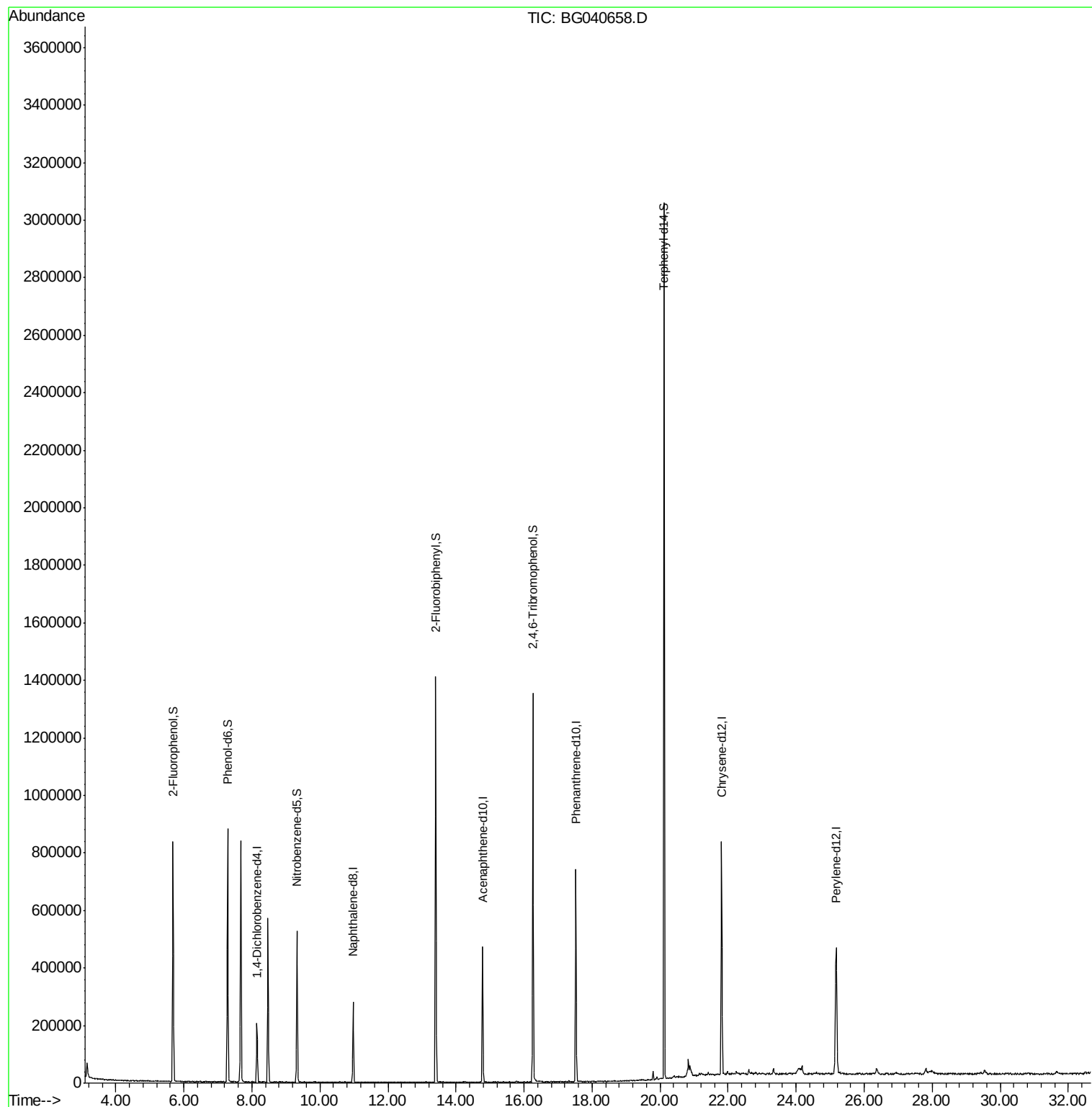
Target Compounds	Qvalue
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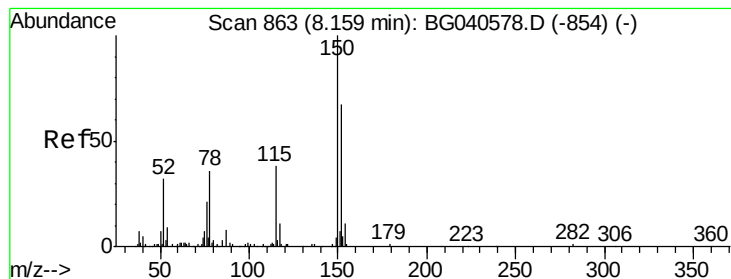
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG040658.D

Acq: 29 Apr 2019 12:55

Instrument :

BNA_G

ClientSampleId :

PB119139BL

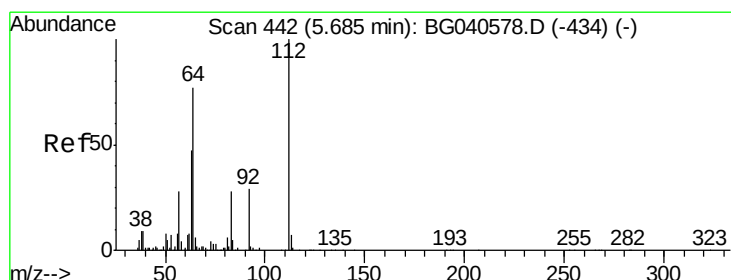
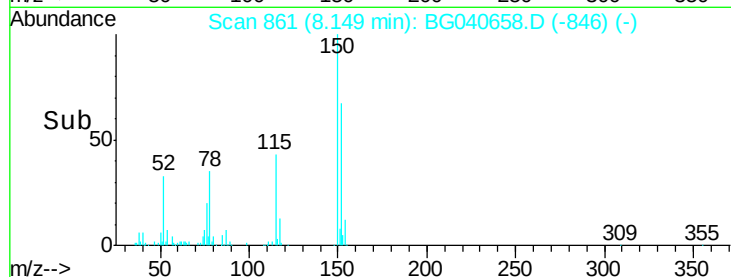
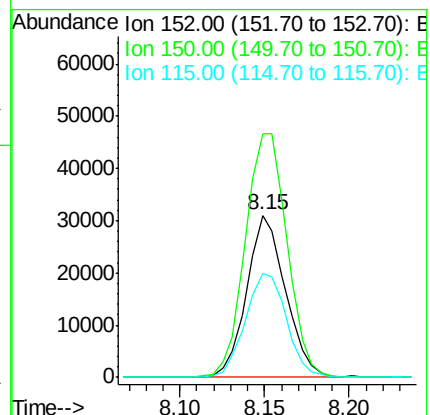
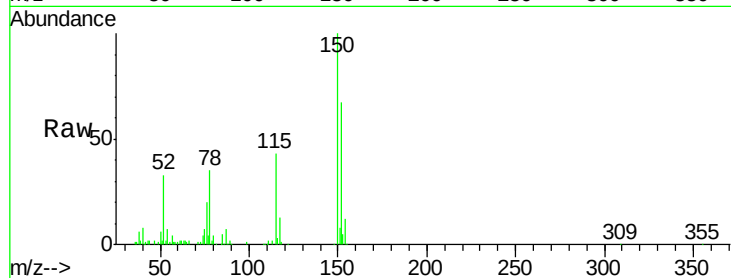
Tgt Ion:152 Resp: 49508

Ion Ratio Lower Upper

152 100

150 150.3 120.2 180.2

115 64.0 46.2 69.2



#5

2-Fluorophenol

Concen: 105.696 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG040658.D

Acq: 29 Apr 2019 12:55

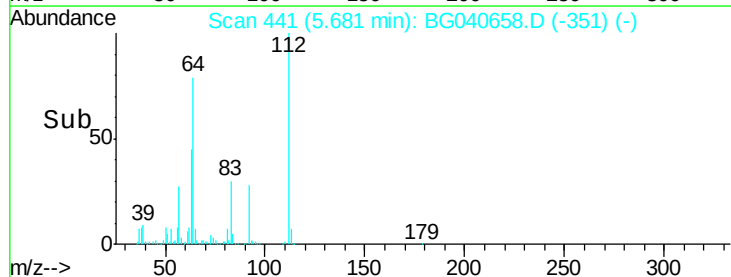
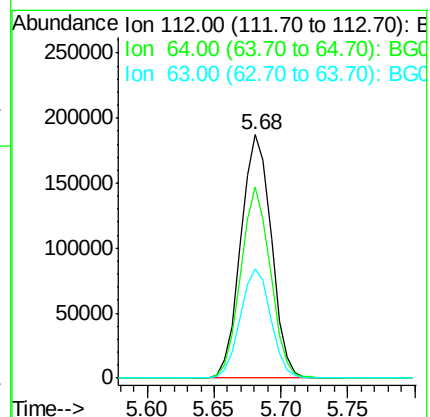
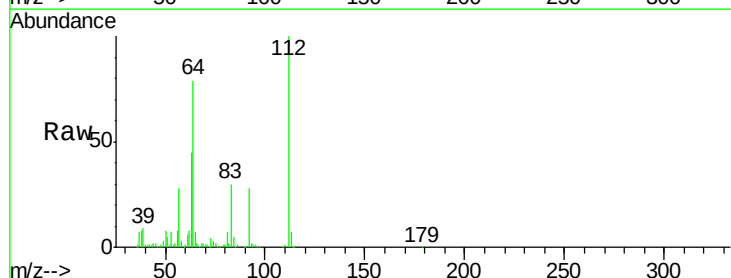
Tgt Ion:112 Resp: 296853

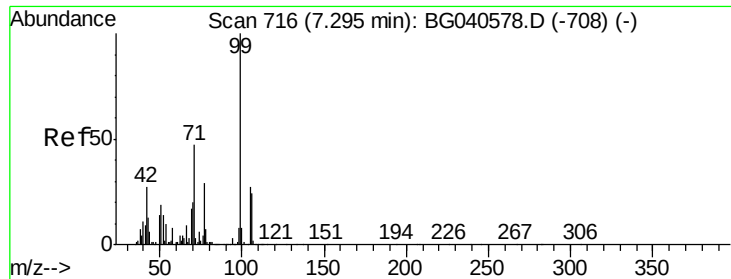
Ion Ratio Lower Upper

112 100

64 78.7 61.4 92.0

63 44.9 37.8 56.6





#7

Phenol-d6

Concen: 100.157 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040658.D

Acq: 29 Apr 2019 12:55

Instrument :

BNA_G

ClientSampleId :

PB119139BL

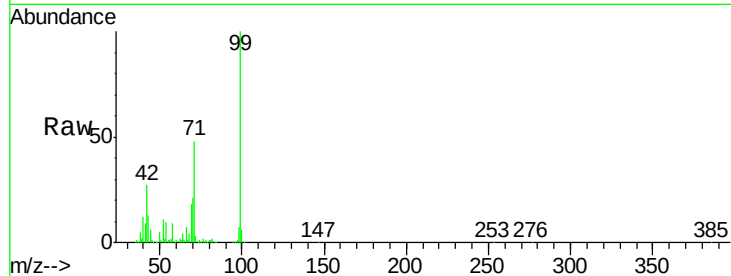
Tgt Ion: 99 Resp: 433115

Ion Ratio Lower Upper

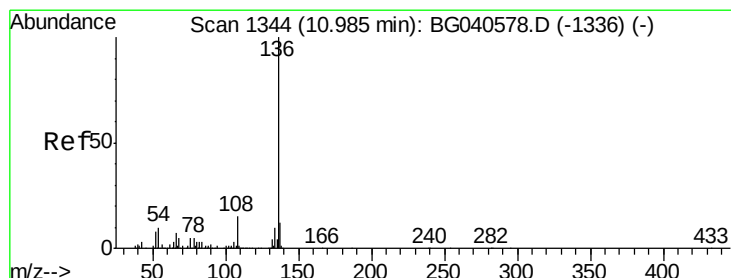
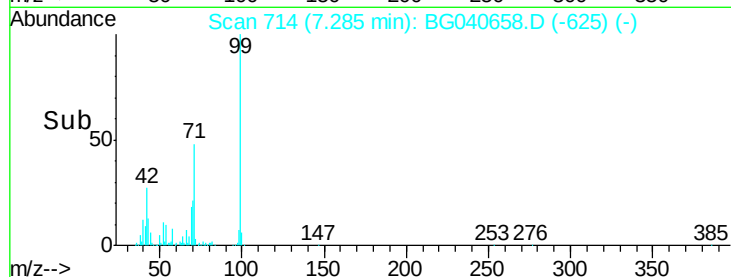
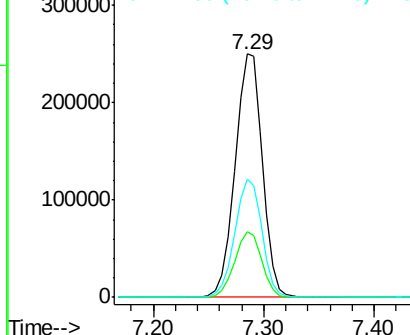
99 100

42 27.1 21.8 32.8

71 48.4 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: 10.97 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BG040658.D

Acq: 29 Apr 2019 12:55

Tgt Ion: 136 Resp: 204884

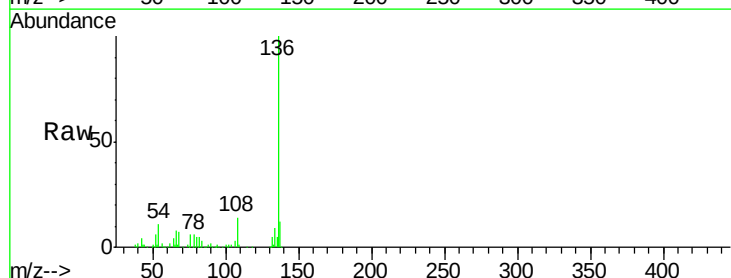
Ion Ratio Lower Upper

136 100

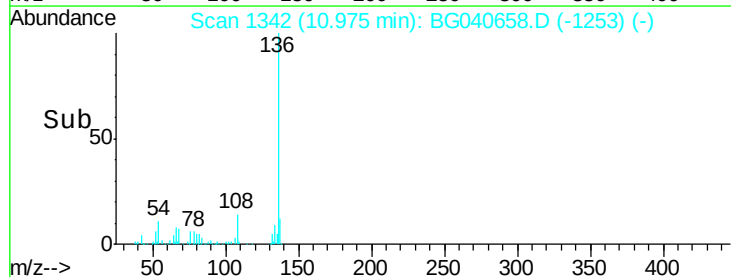
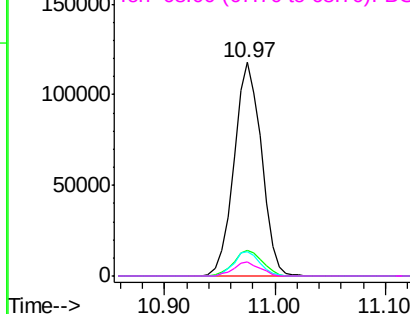
137 12.3 9.7 14.5

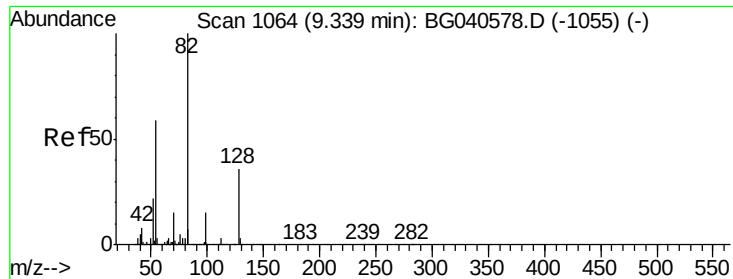
54 11.4 8.6 12.8

68 6.7 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

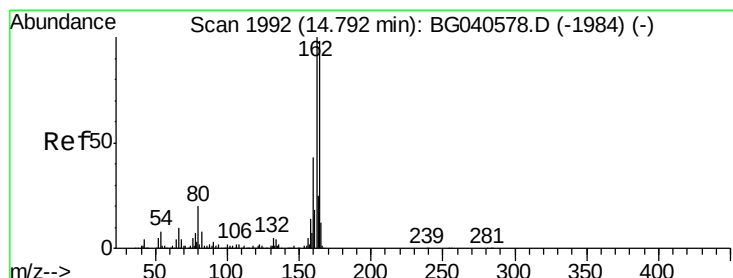
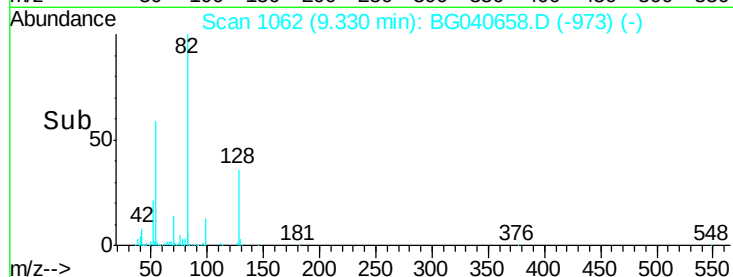
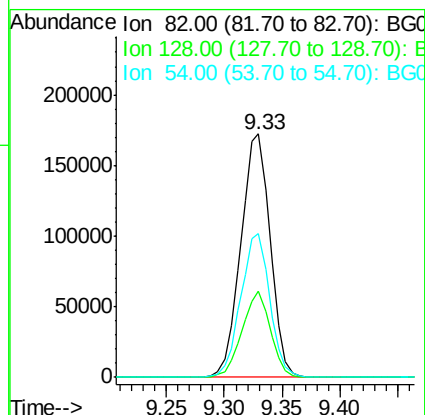
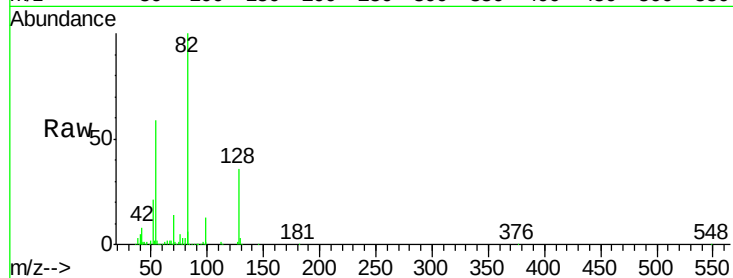




#23
 Nitrobenzene-d5
 Concen: 68.584 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BG040658.D
 Acq: 29 Apr 2019 12:55

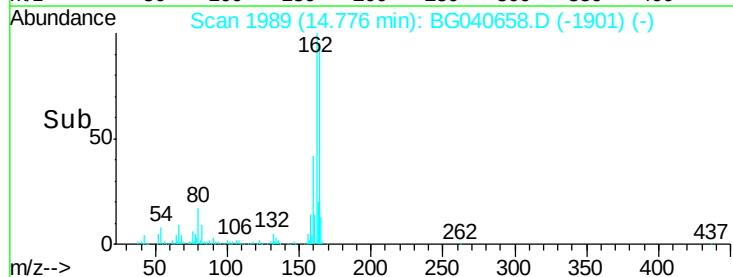
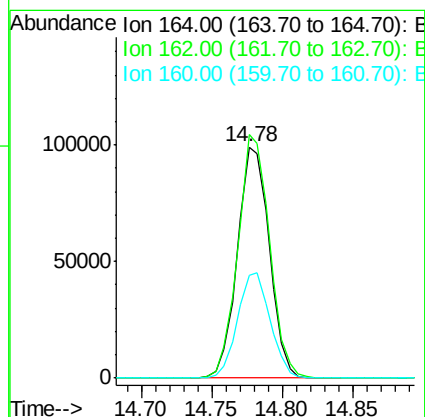
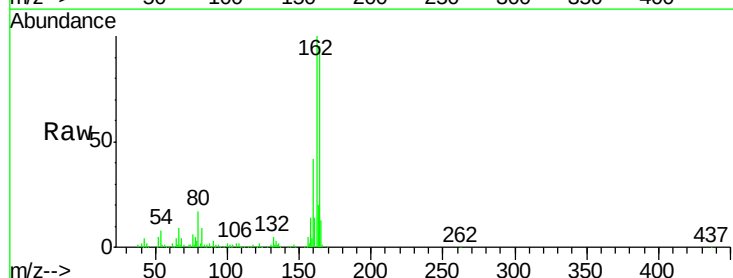
Instrument :
 BNA_G
 ClientSampleId :
 PB119139BL

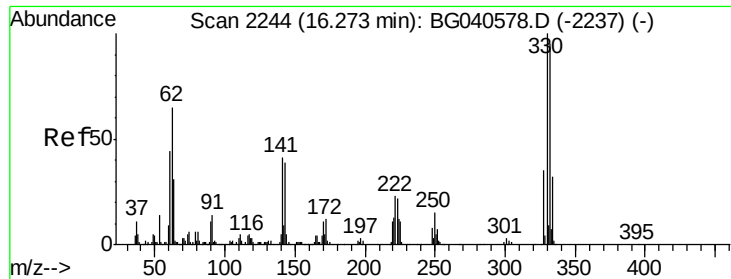
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.6	28.9	43.3
54	59.0	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG040658.D
 Acq: 29 Apr 2019 12:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	81.9	122.9
160	44.2	35.4	53.2

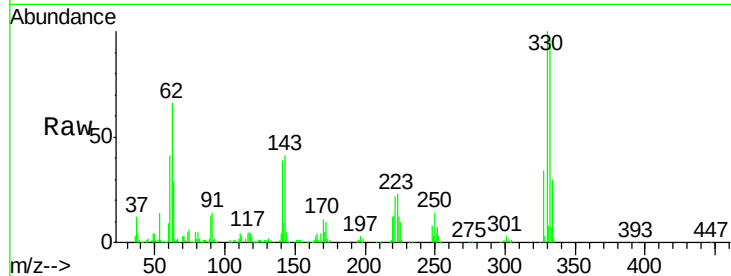




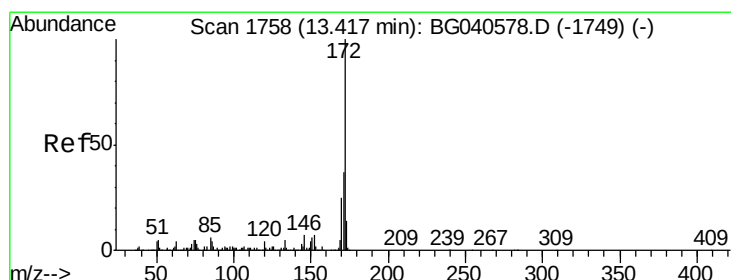
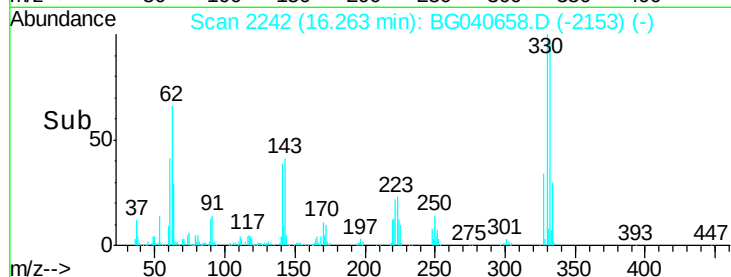
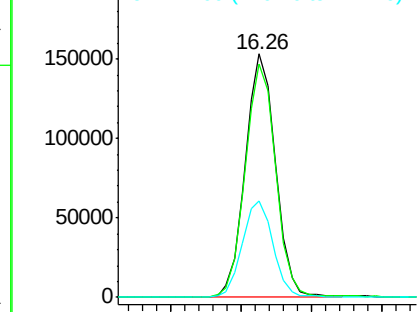
#42
 2,4,6-Tribromophenol
 Concen: 106.773 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BG040658.D
 Acq: 29 Apr 2019 12:55

Instrument :
 BNA_G
 ClientSampleId :
 PB119139BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.9	113.9
141	40.7	32.4	48.6

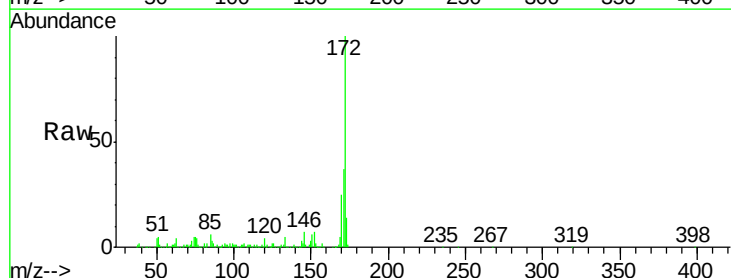


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

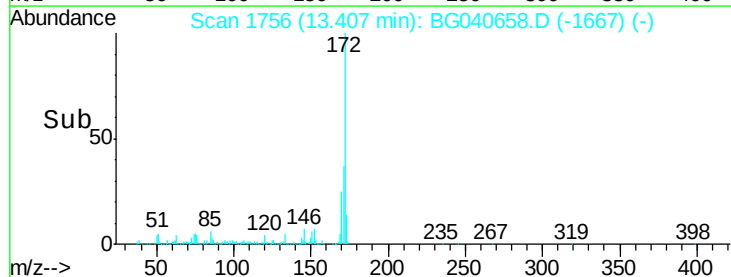
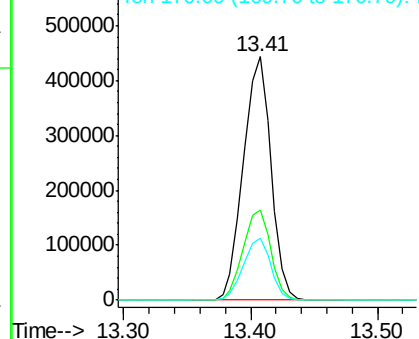


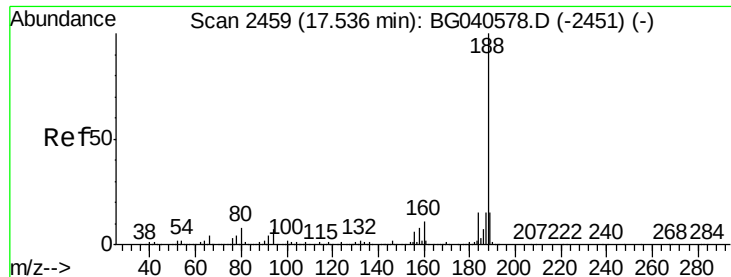
#45
 2-Fluorobiphenyl
 Concen: 61.858 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG040658.D
 Acq: 29 Apr 2019 12:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.2
170	25.2	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

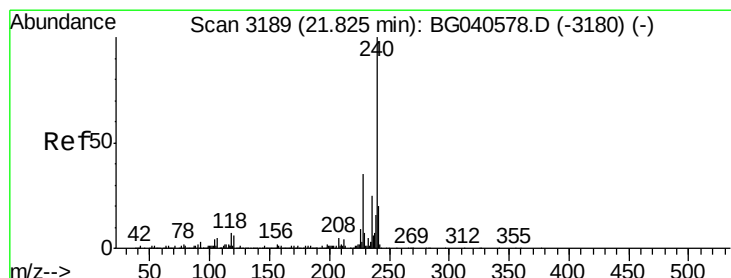
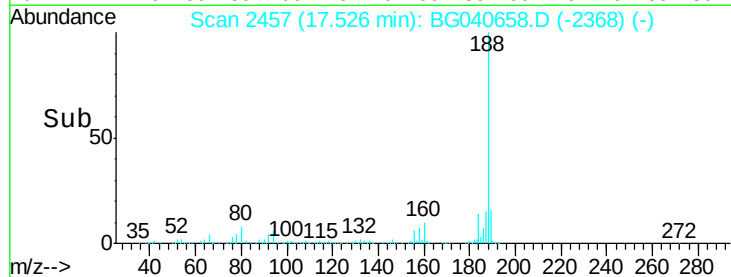
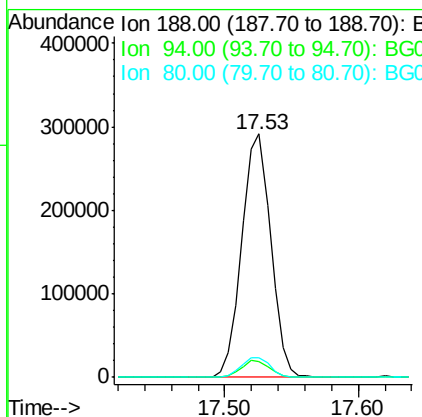
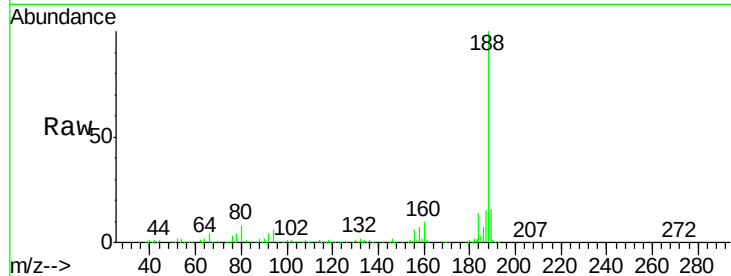




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG040658.D
Acq: 29 Apr 2019 12:55

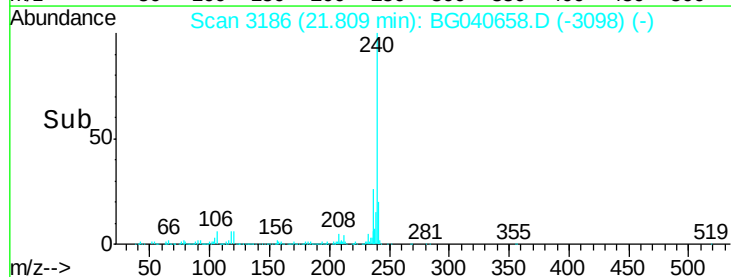
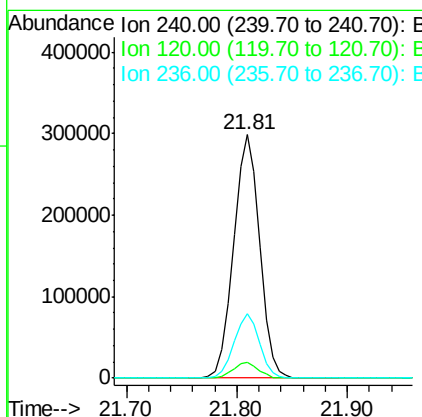
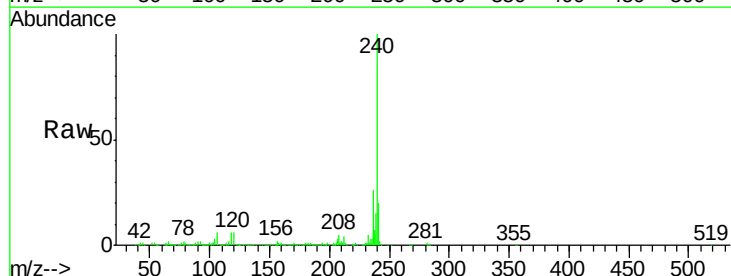
Instrument :
BNA_G
ClientSampleId :
PB119139BL

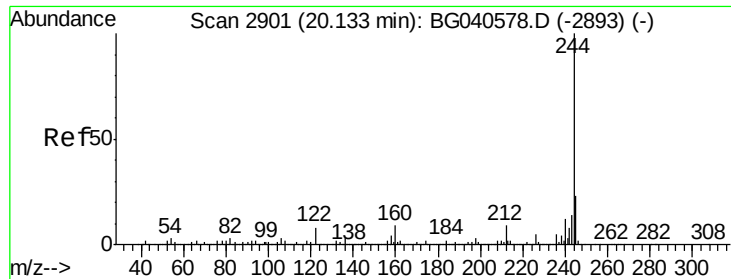
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.6	8.4
80	8.0	6.4	9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG040658.D
Acq: 29 Apr 2019 12:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.0	7.6
236	26.3	20.3	30.5





#79

Terphenyl-d14

Concen: 62.857 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040658.D

Acq: 29 Apr 2019 12:55

Instrument :

BNA_G

ClientSampled :

PB119139BL

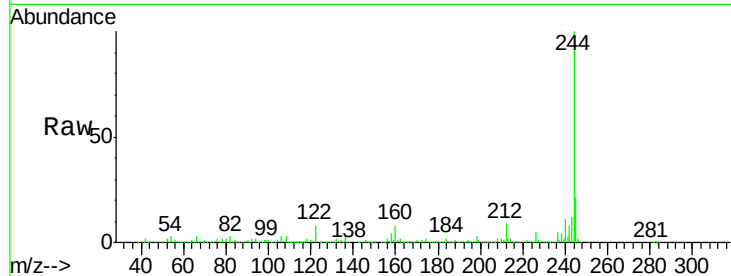
Tgt Ion:244 Resp: 1400126

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

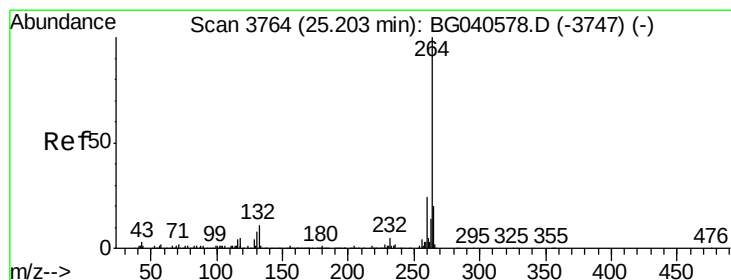
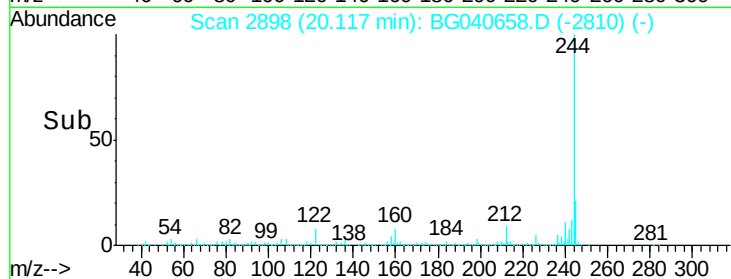
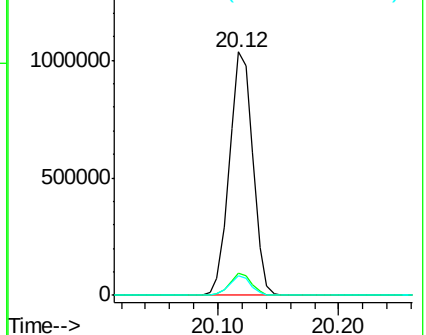
122 8.0 6.6 10.0



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: 25.18 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG040658.D

Acq: 29 Apr 2019 12:55

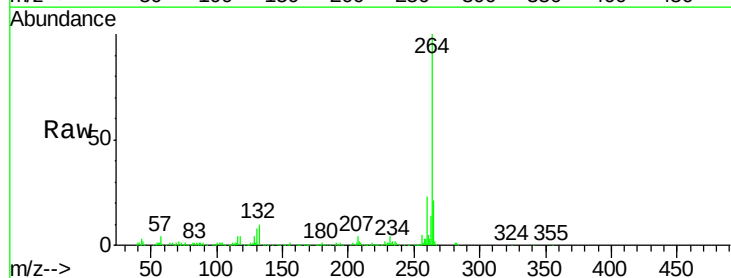
Tgt Ion:264 Resp: 478861

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.2 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

