

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
 Data File : BG040668.D
 Acq On : 29 Apr 2019 19:11
 Operator : JU/SJ
 Sample : K2572-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-6

Quant Time: Apr 30 03:58:30 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	52343	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	209240	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	158598	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	398119	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	410747	20.00	ng	-0.01
87) Perylene-d12	25.18	264	430626	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	139507	46.98	ng	0.00
7) Phenol-d6	7.28	99	130411	28.52	ng	-0.01
23) Nitrobenzene-d5	9.33	82	470105	103.81	ng	0.00
42) 2,4,6-Tribromophenol	16.26	330	224432	102.95	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	977582	89.02	ng	0.00
79) Terphenyl-d14	20.12	244	1663007	89.70	ng	0.00

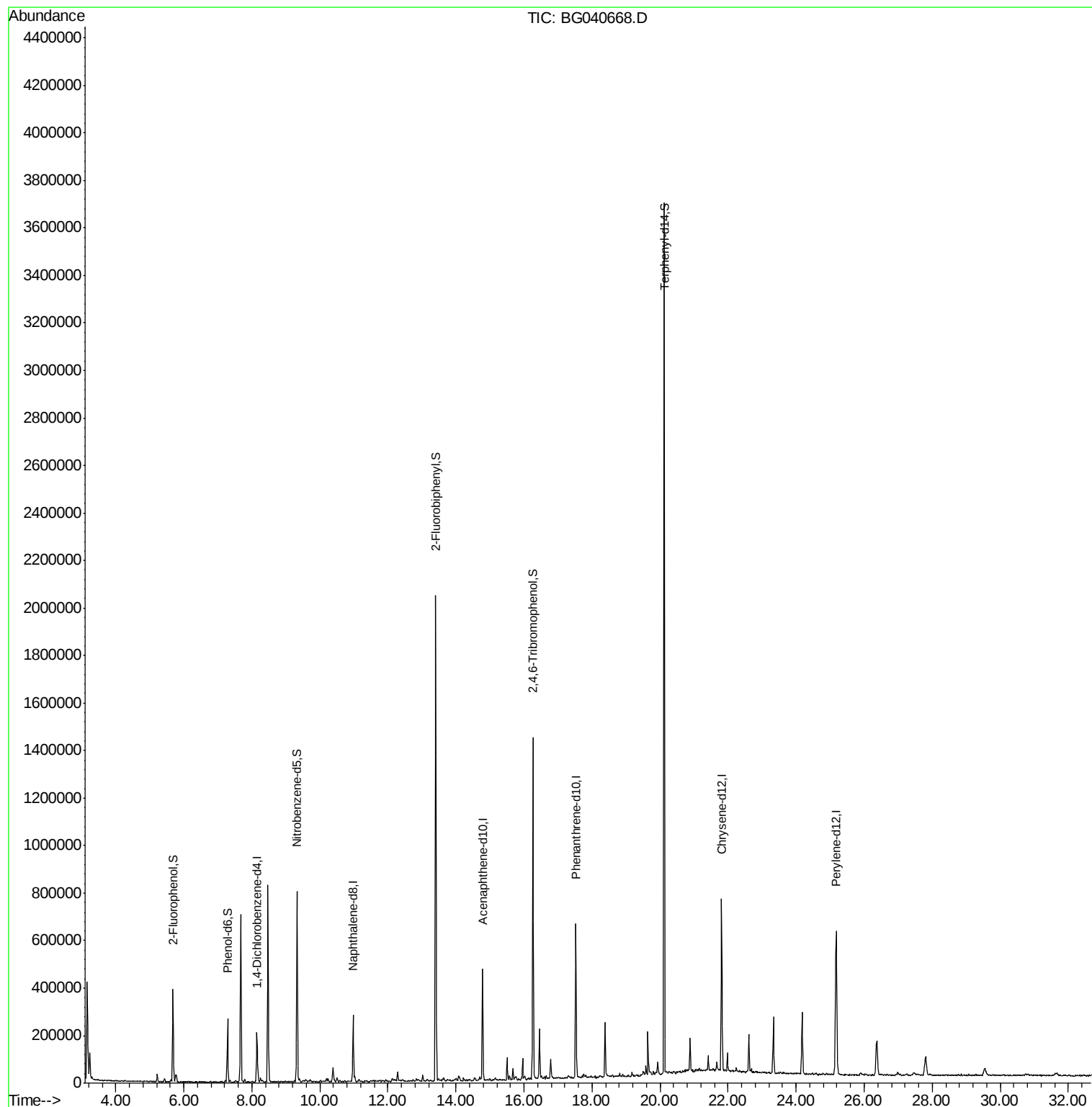
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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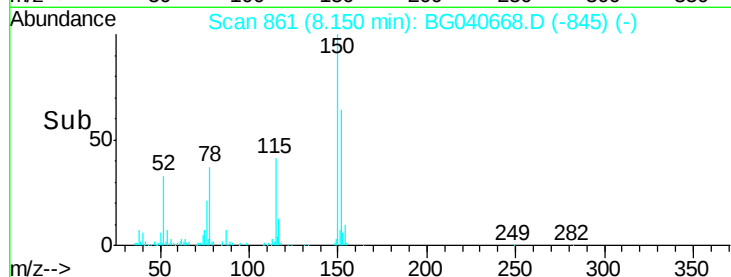
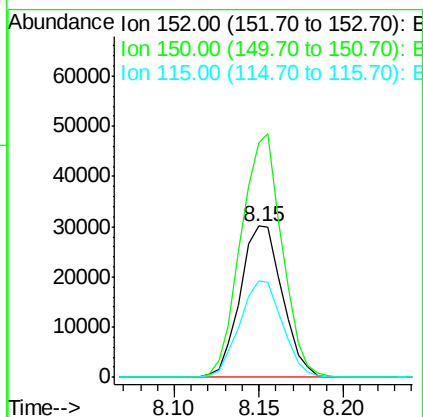
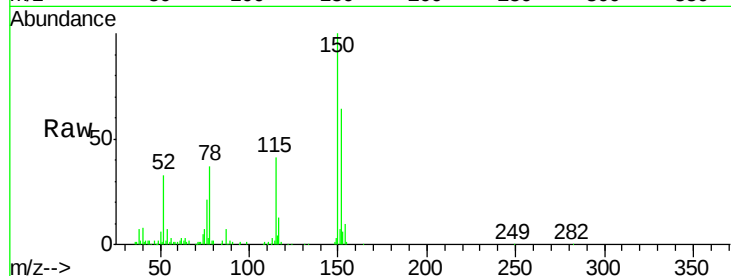


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040668.D
Acq: 29 Apr 2019 19:11

Instrument :
BNA_G
ClientSampleId :
MH-6

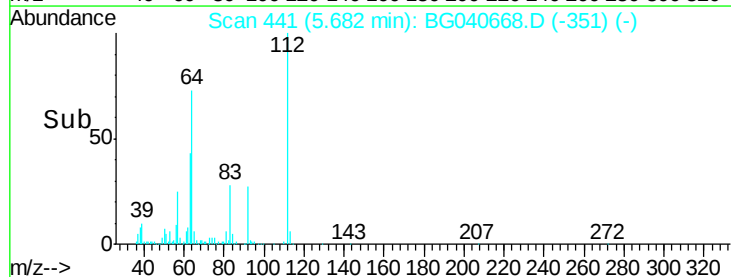
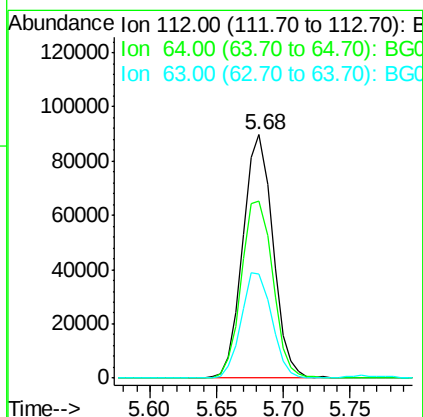
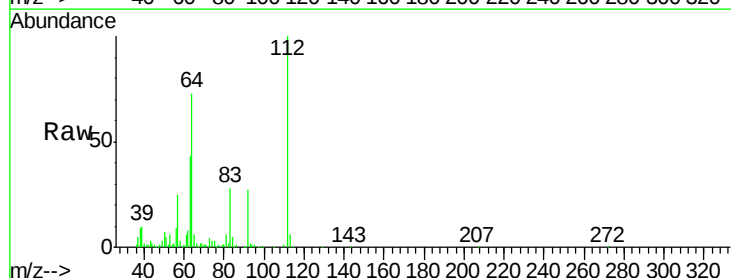
Tgt Ion:152 Resp: 52343
Ion Ratio Lower Upper
152 100
150 155.1 120.2 180.2
115 63.4 46.2 69.2



#5

2-Fluorophenol
Concen: 46.982 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.00 min
Lab File: BG040668.D
Acq: 29 Apr 2019 19:11

Tgt Ion:112 Resp: 139507
Ion Ratio Lower Upper
112 100
64 72.5 61.4 92.0
63 42.6 37.8 56.6





#7

Phenol-d6

Concen: 28.524 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG040668.D

Acq: 29 Apr 2019 19:11

Instrument :

BNA_G

ClientSampleId :

MH-6

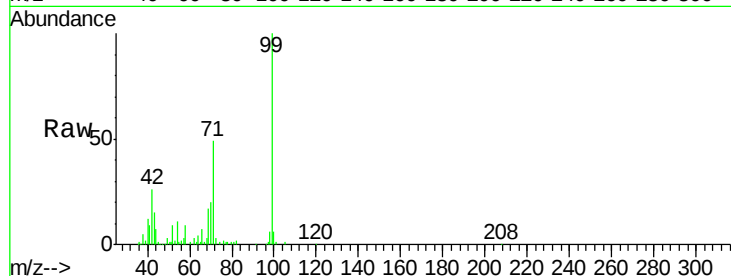
Tgt Ion: 99 Resp: 130411

Ion Ratio Lower Upper

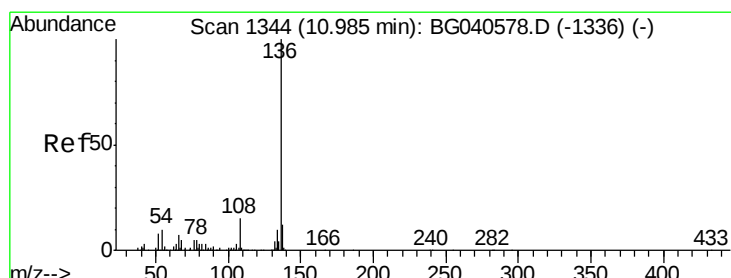
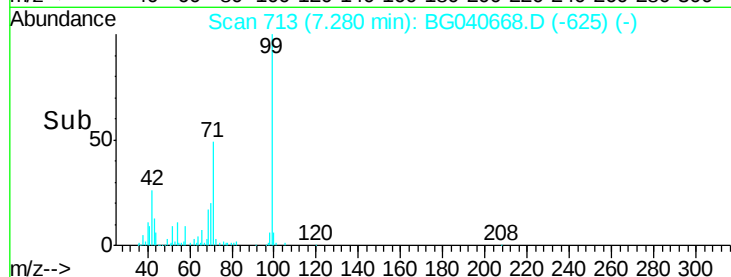
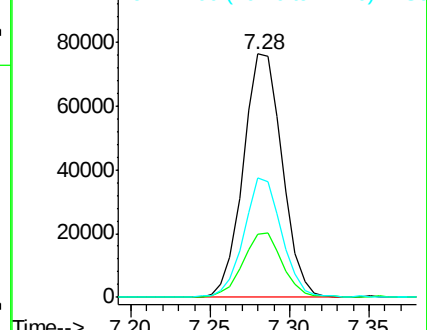
99 100

42 25.8 21.8 32.8

71 48.8 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# 1342

Delta R.T. -0.01 min

Lab File: BG040668.D

Acq: 29 Apr 2019 19:11

Tgt Ion: 136 Resp: 209240

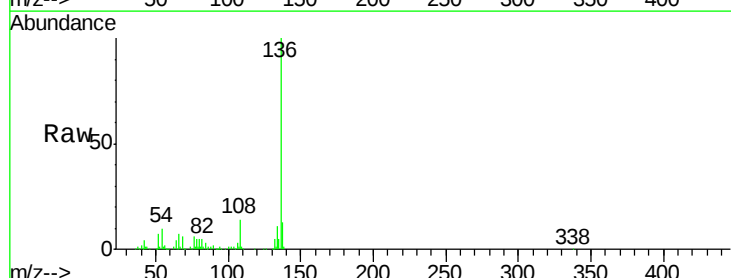
Ion Ratio Lower Upper

136 100

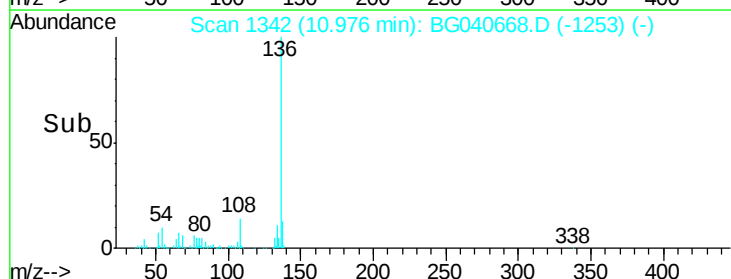
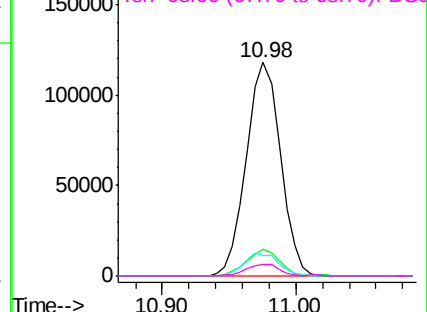
137 12.6 9.7 14.5

54 9.6 8.6 12.8

68 5.5 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

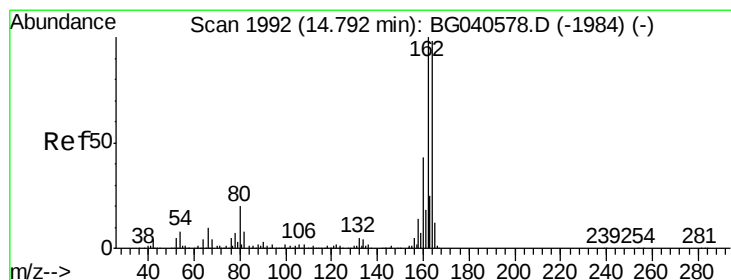
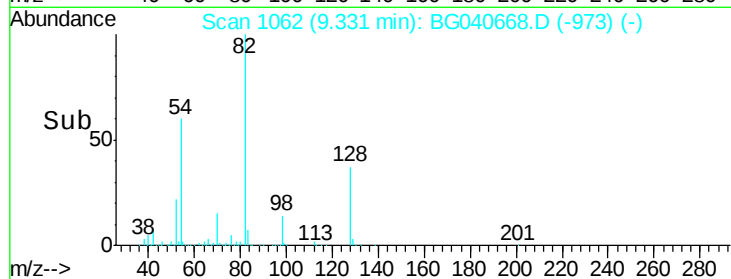
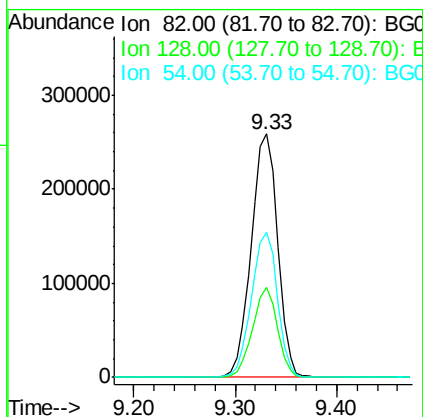
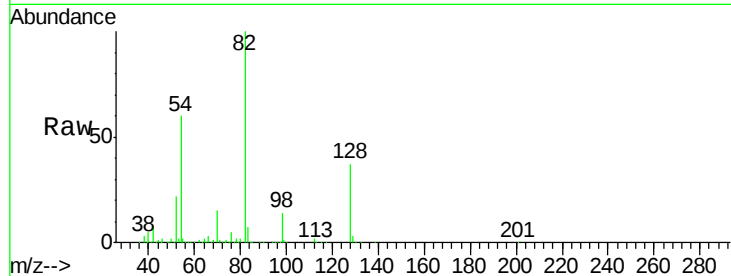




#23
Nitrobenzene-d5
Concen: 103.813 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BG040668.D
Acq: 29 Apr 2019 19:11

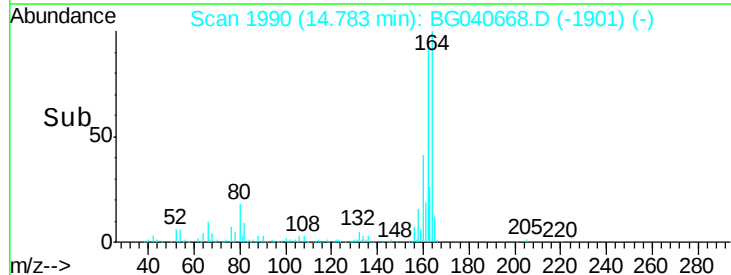
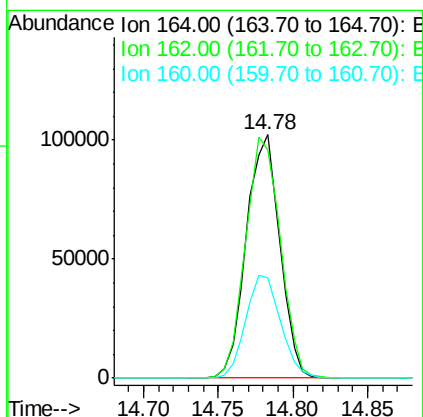
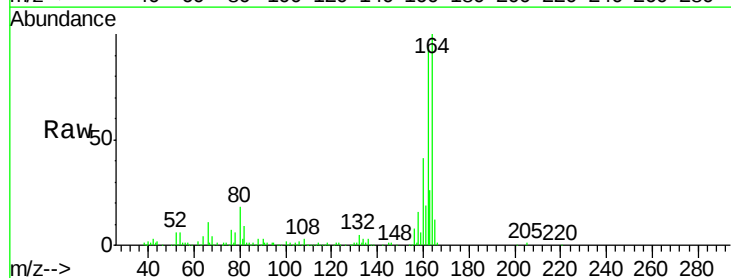
Instrument :
BNA_G
ClientSampleId :
MH-6

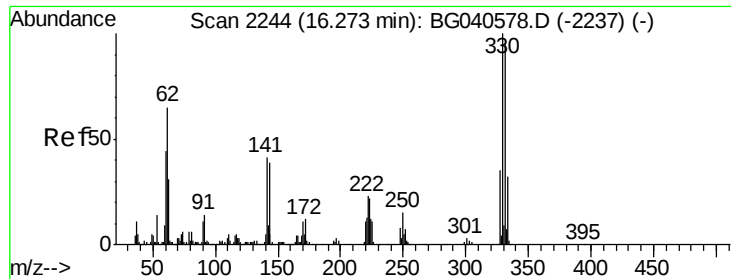
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.0	28.9	43.3
54	59.7	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG040668.D
Acq: 29 Apr 2019 19:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.7	81.9	122.9
160	41.2	35.4	53.2

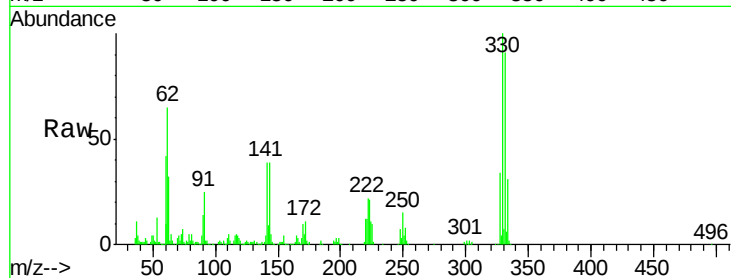




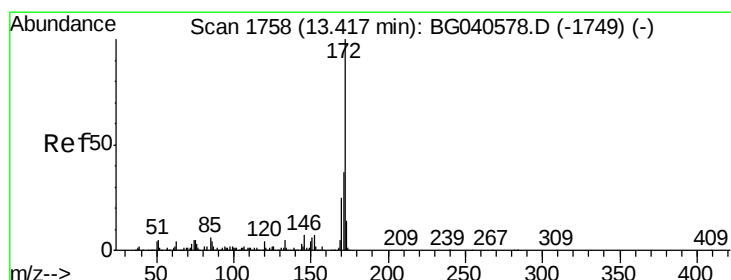
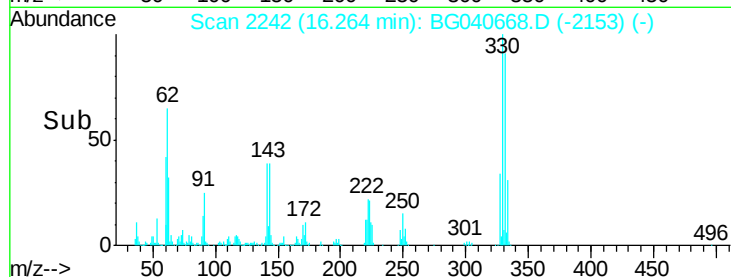
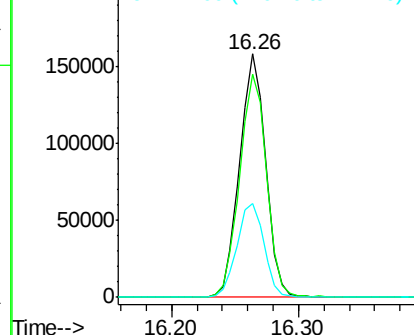
#42
 2,4,6-Tribromophenol
 Concen: 102.952 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BG040668.D
 Acq: 29 Apr 2019 19:11

Instrument :
 BNA_G
 ClientSampleId :
 MH-6

Tgt Ion:330 Resp: 224432
 Ion Ratio Lower Upper
 330 100
 332 94.1 75.9 113.9
 141 40.2 32.4 48.6

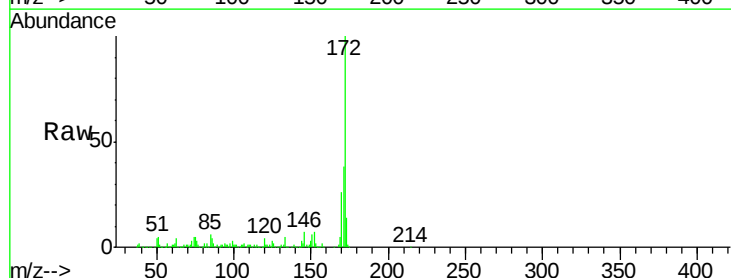


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

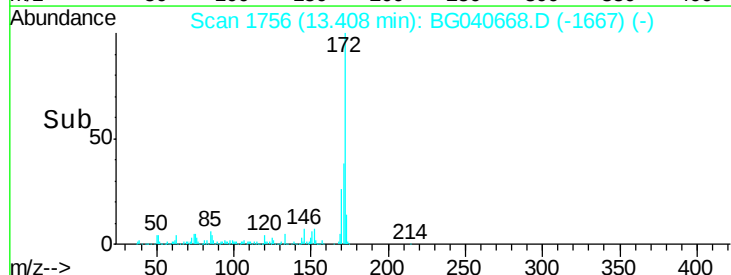
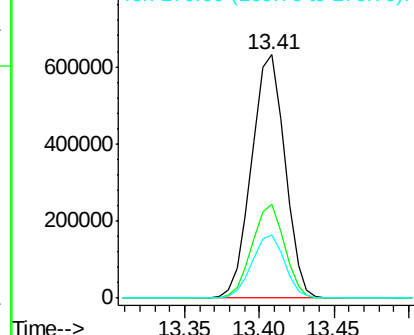


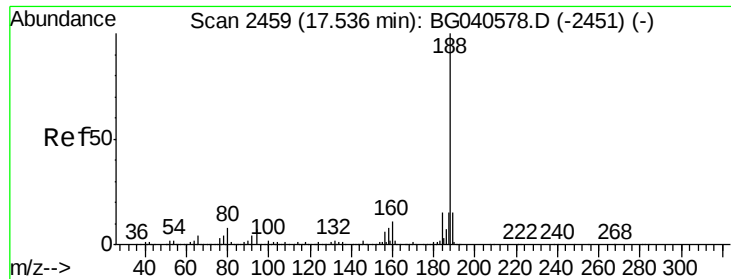
#45
 2-Fluorobiphenyl
 Concen: 89.019 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG040668.D
 Acq: 29 Apr 2019 19:11

Tgt Ion:172 Resp: 977582
 Ion Ratio Lower Upper
 172 100
 171 38.5 29.4 44.2
 170 25.8 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

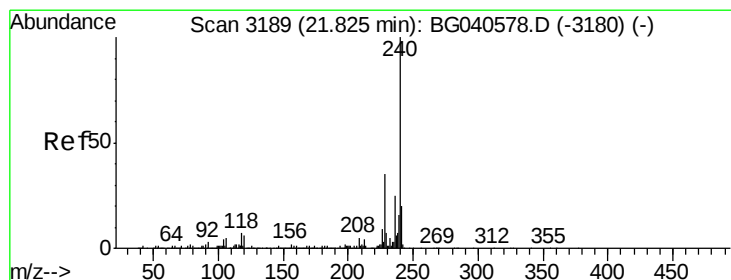
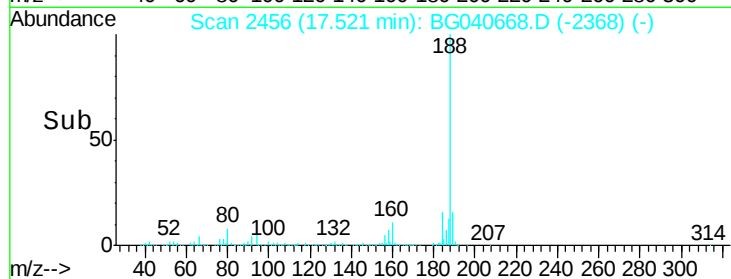
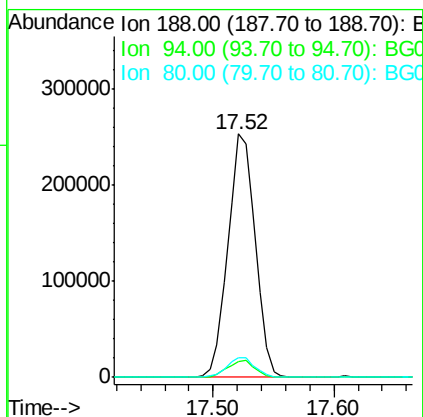
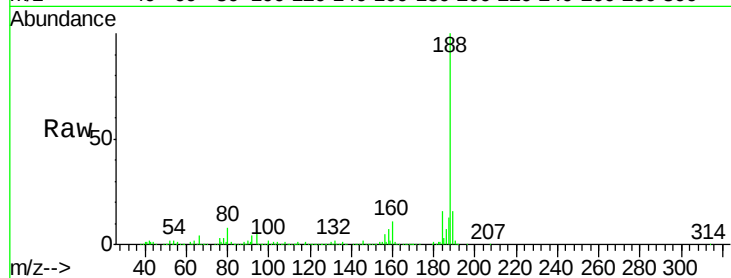




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BG040668.D
Acq: 29 Apr 2019 19:11

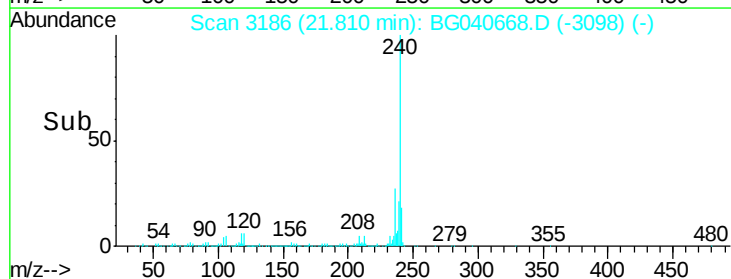
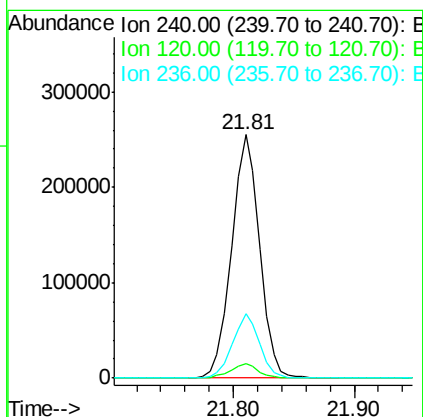
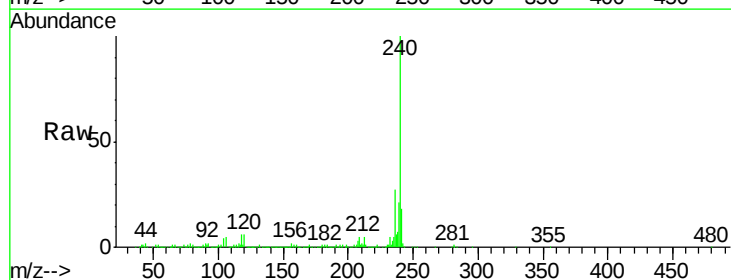
Instrument :
BNA_G
ClientSampleId :
MH-6

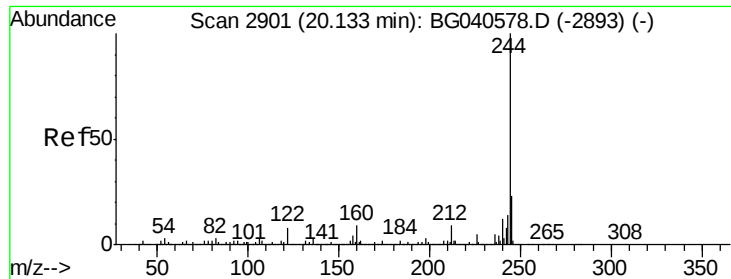
Tgt Ion:188 Resp: 398119
Ion Ratio Lower Upper
188 100
94 6.5 5.6 8.4
80 8.2 6.4 9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.01 min
Lab File: BG040668.D
Acq: 29 Apr 2019 19:11

Tgt Ion:240 Resp: 410747
Ion Ratio Lower Upper
240 100
120 5.9 5.0 7.6
236 26.5 20.3 30.5





#79

Terphenyl-d14

Concen: 89.697 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG040668.D

Acq: 29 Apr 2019 19:11

Instrument :

BNA_G

ClientSampleId :

MH-6

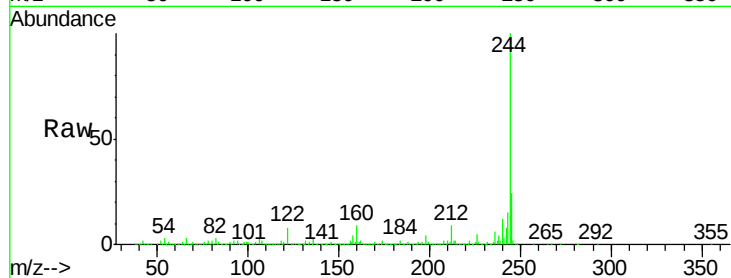
Tgt Ion:244 Resp: 1663007

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

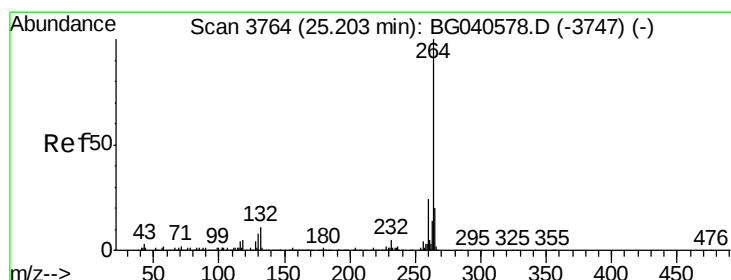
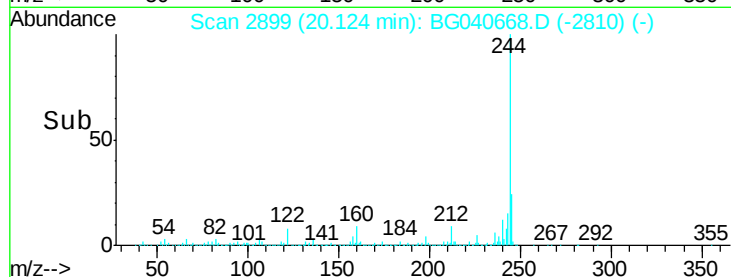
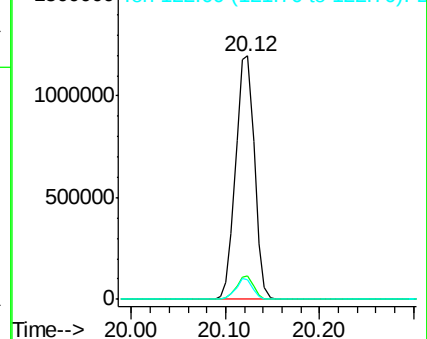
122 7.9 6.6 10.0



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: BG040668.D

Acq: 29 Apr 2019 19:11

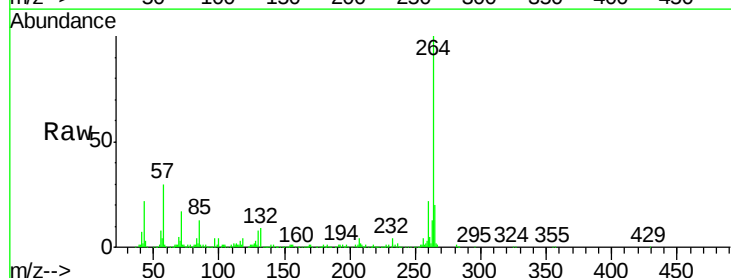
Tgt Ion:264 Resp: 430626

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 19.9 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

