

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033961.D
 Acq On : 24 Apr 2018 19:26
 Operator : SJ/JU
 Sample : J2512-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-2-WC1

Quant Time: Apr 25 00:32:08 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

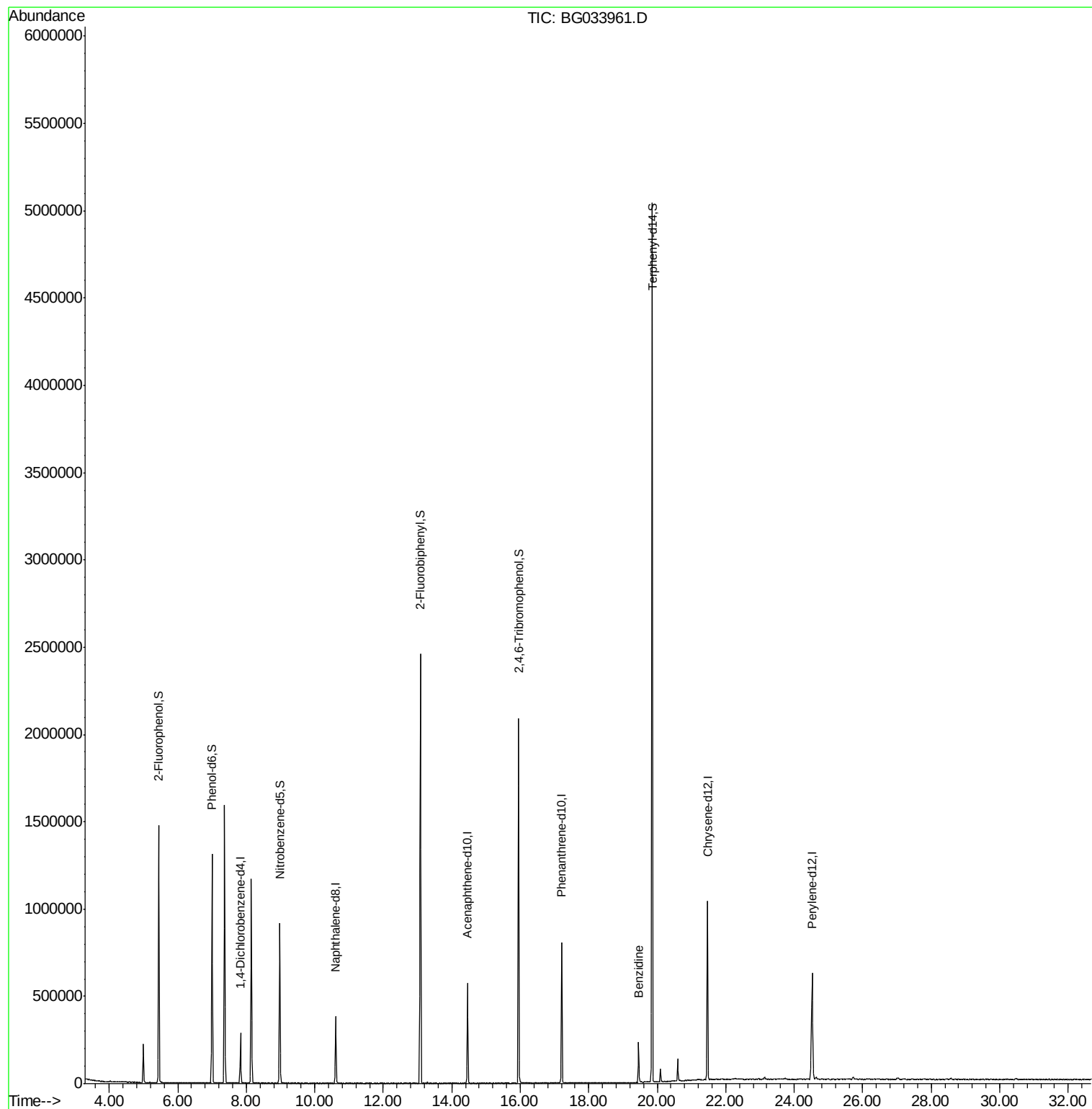
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	77737	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	328099	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	201068	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	512266	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	614647	20.00	ng	-0.03
86) Perylene-d12	24.52	264	624861	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	619301	127.19	ng	0.00
7) Phenol-d6	7.00	99	717747	101.06	ng	0.00
23) Nitrobenzene-d5	8.98	82	552997	95.92	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	376959	160.70	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1268787	92.70	ng	-0.02
78) Terphenyl-d14	19.85	244	2338926	85.49	ng	-0.01
Target Compounds						
76) Benzidine	19.46	184	126705	7.634	ng	Qvalue 99

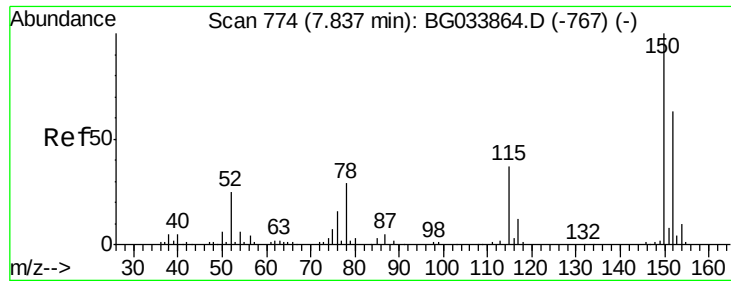
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
Data File : BG033961.D
Acq On : 24 Apr 2018 19:26
Operator : SJ/JU
Sample : J2512-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1-2-WC1

Quant Time: Apr 25 00:32:08 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration



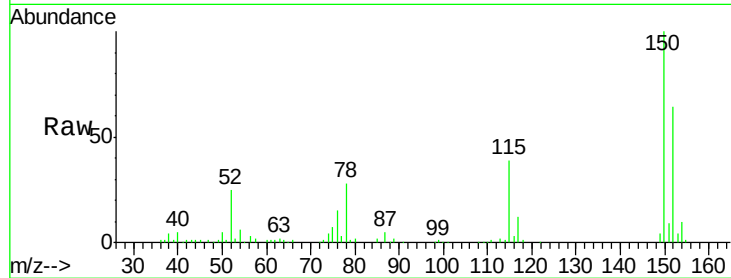


#1

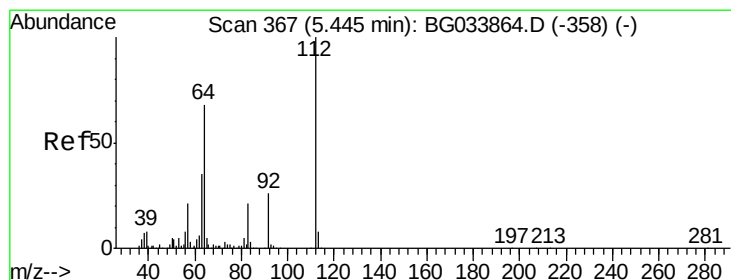
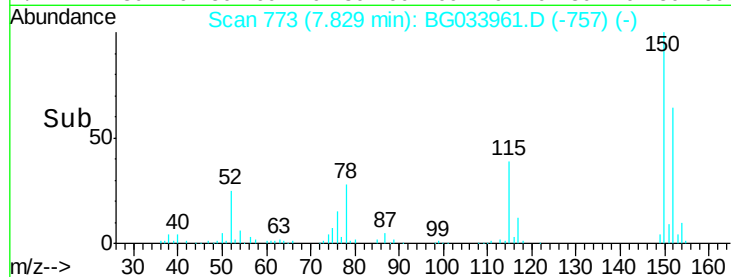
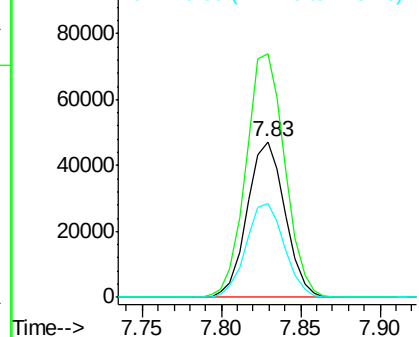
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033961.D
Acq: 24 Apr 2018 19:26

Instrument :
BNA_G
ClientSampleId :
TP-1-2-WC1

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.6	189.8
115	60.7	53.0	79.4



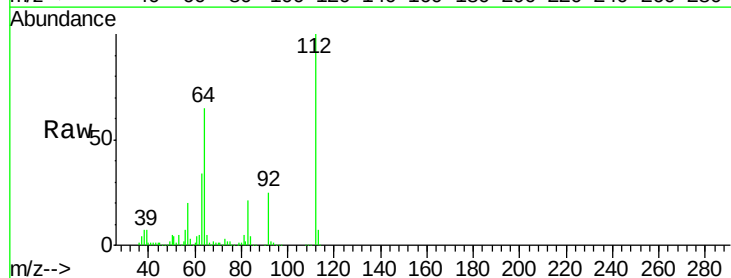
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



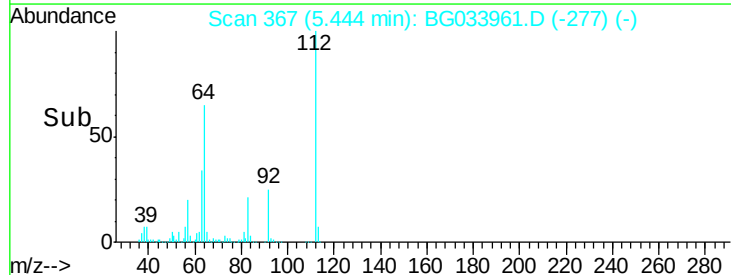
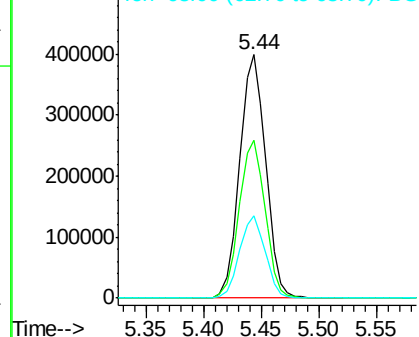
#5

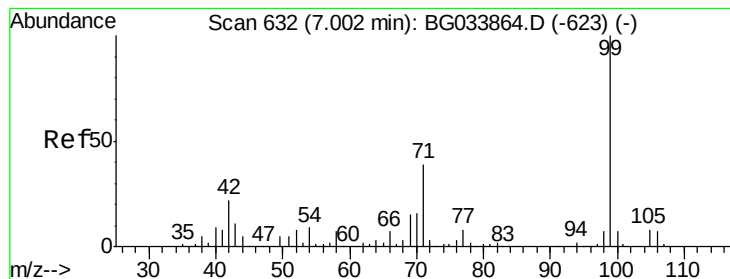
2-Fluorophenol
Concen: 127.190 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033961.D
Acq: 24 Apr 2018 19:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	56.3	84.5
63	34.0	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 101.064 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033961.D

Acq: 24 Apr 2018 19:26

Instrument :

BNA_G

ClientSampleId :

TP-1-2-WC1

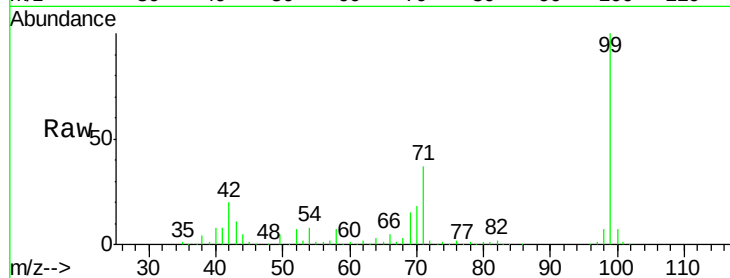
Tot Ion: 99 Resp: 717747

Ion Ratio Lower Upper

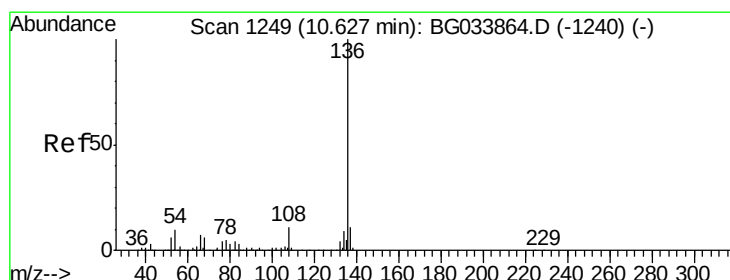
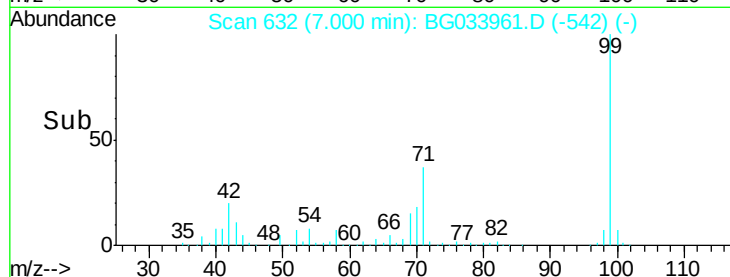
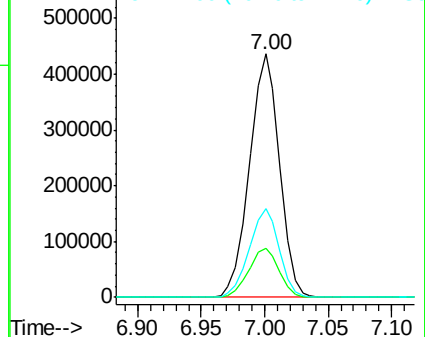
99 100

42 19.9 14.1 21.1

71 36.5 26.1 39.1



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: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033961.D

Acq: 24 Apr 2018 19:26

Tgt Ion: 136 Resp: 328099

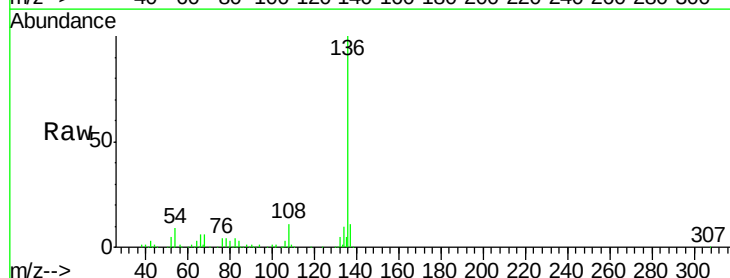
Ion Ratio Lower Upper

136 100

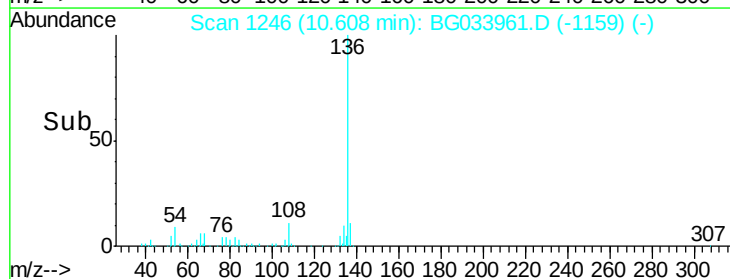
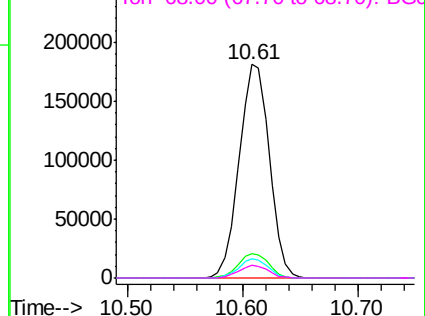
137 11.4 9.2 13.8

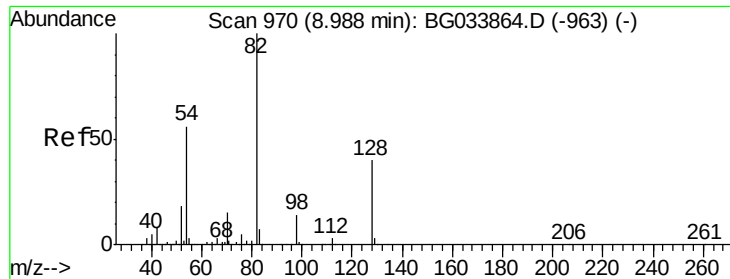
54 8.9 10.3 15.5#

68 5.7 4.5 6.7



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

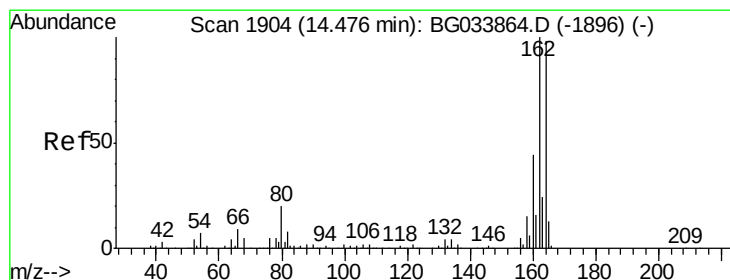
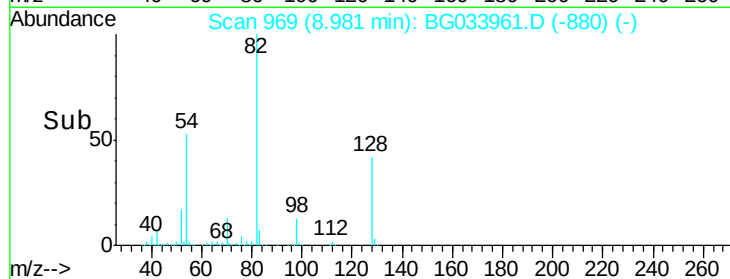
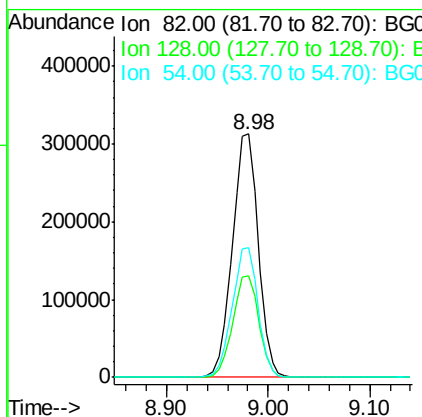
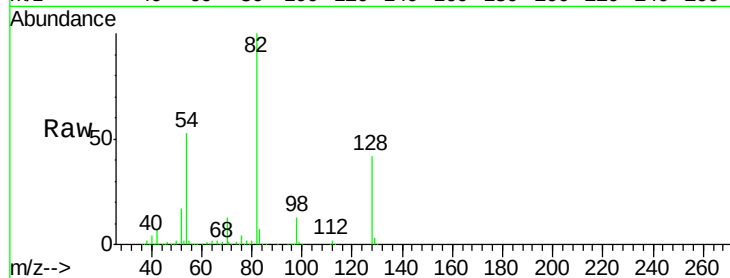




#23
 Nitrobenzene-d5
 Concen: 95.919 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033961.D
 Acq: 24 Apr 2018 19:26

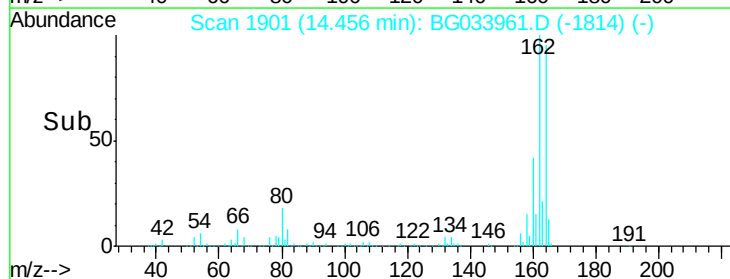
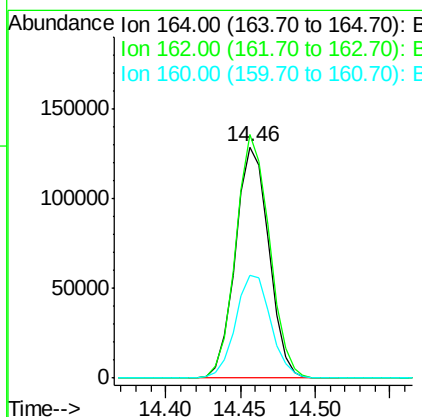
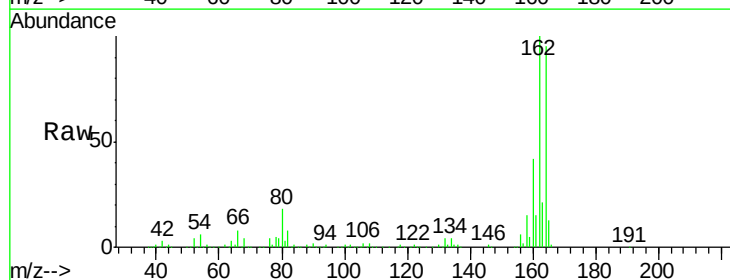
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-2-WC1

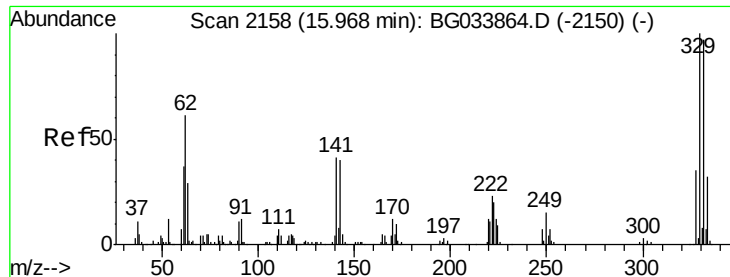
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	29.7	44.5
54	53.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033961.D
 Acq: 24 Apr 2018 19:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	78.8	118.2
160	44.7	35.4	53.0

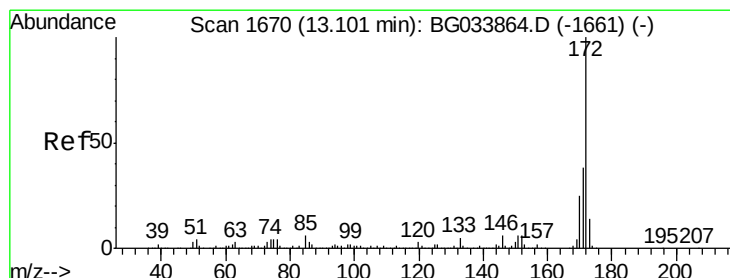
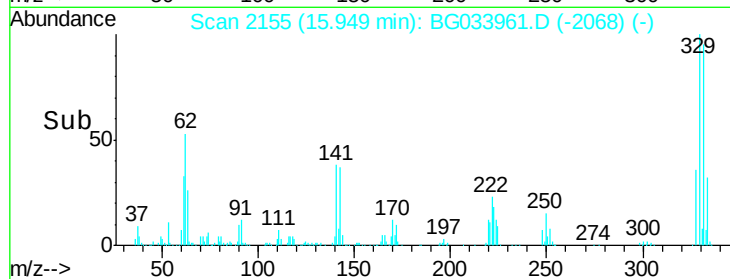
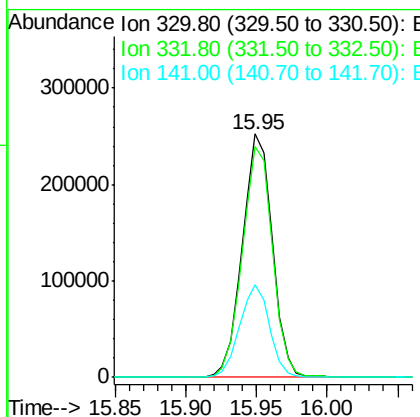
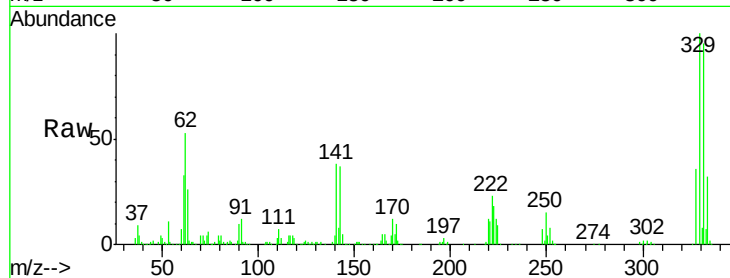




#41
 2,4,6-Tribromophenol
 Concen: 160.697 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033961.D
 Acq: 24 Apr 2018 19:26

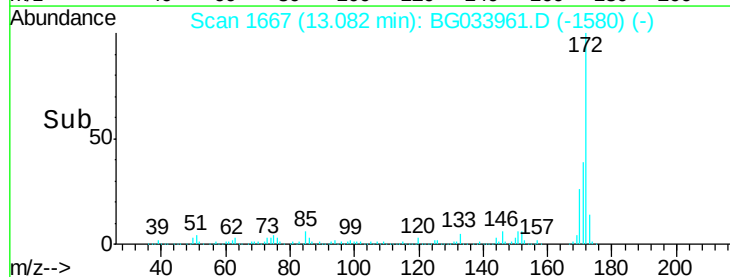
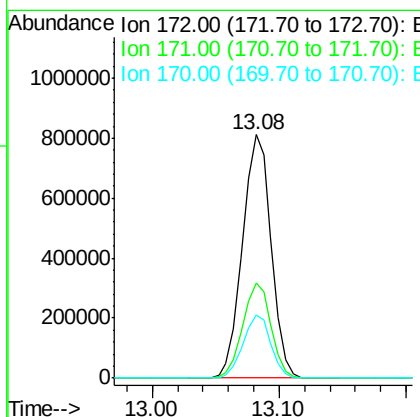
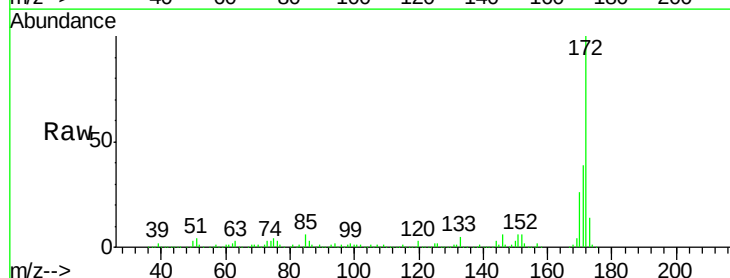
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-2-WC1

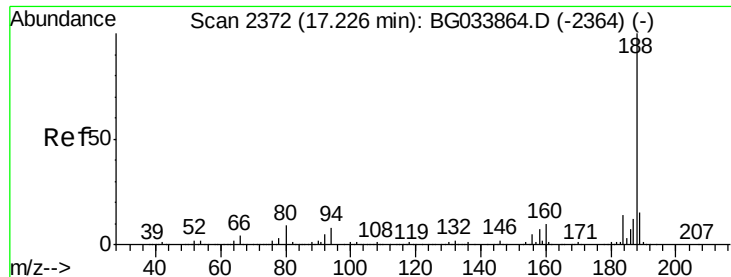
Tot Ion:330 Resp: 376959
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 37.7 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 92.699 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033961.D
 Acq: 24 Apr 2018 19:26

Tgt Ion:172 Resp: 1268787
 Ion Ratio Lower Upper
 172 100
 171 39.3 30.0 45.0
 170 25.9 19.5 29.3

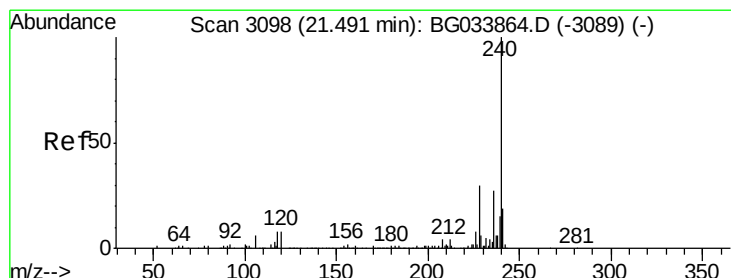
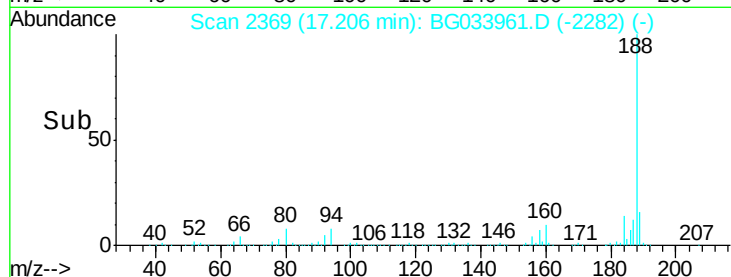
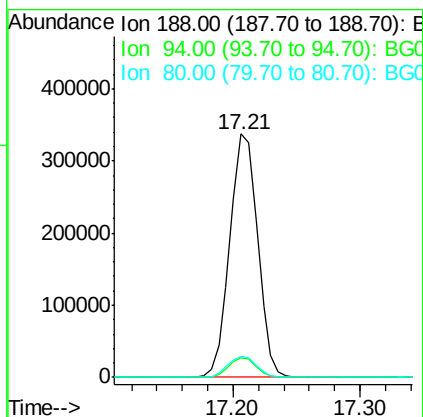
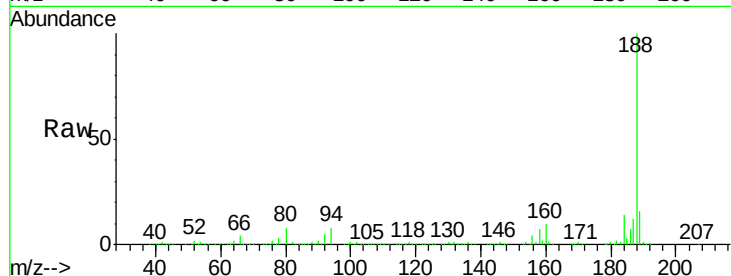




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033961.D
Acq: 24 Apr 2018 19:26

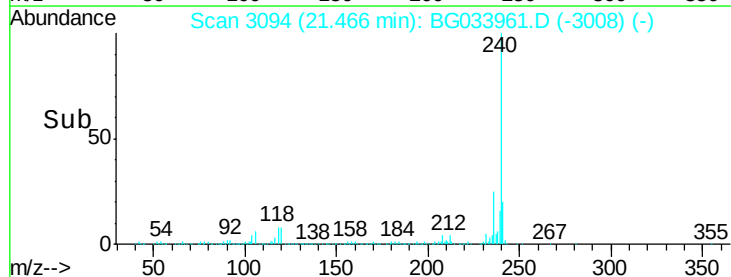
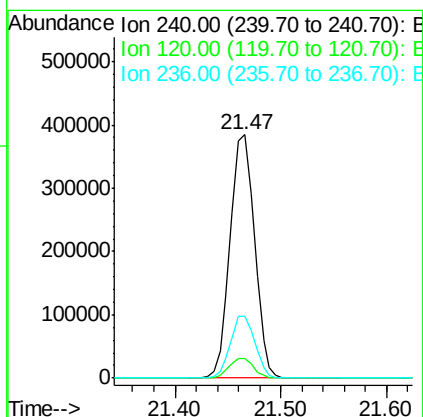
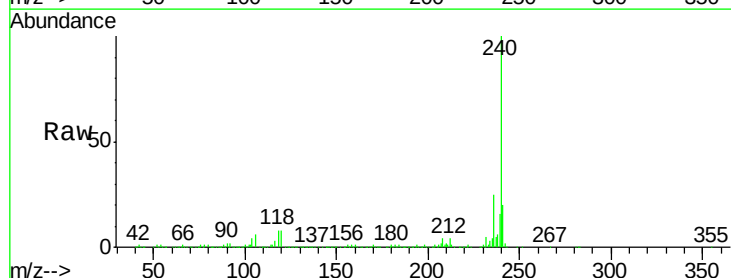
Instrument :
BNA_G
ClientSampleId :
TP-1-2-WC1

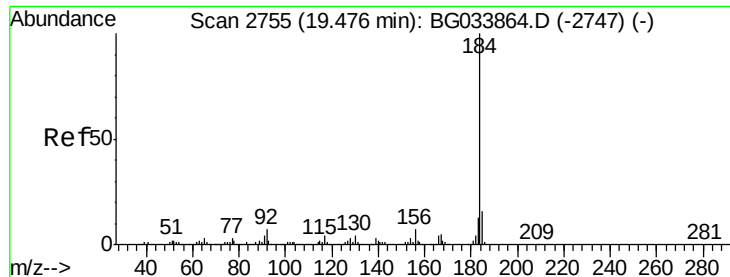
Tot Ion:188 Resp: 512266
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 8.5 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.03 min
Lab File: BG033961.D
Acq: 24 Apr 2018 19:26

Tgt Ion:240 Resp: 614647
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 25.3 20.9 31.3





#76

Benzidine

Concen: 7.634 ng

RT: 19.46 min Scan# 2752

Delta R.T. -0.02 min

Lab File: BG033961.D

Acq: 24 Apr 2018 19:26

Instrument :

BNA_G

ClientSampleId :

TP-1-2-WC1

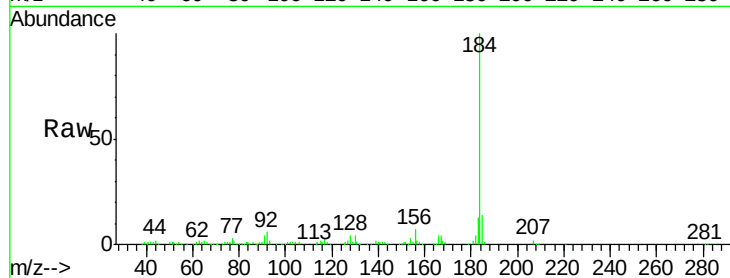
Tot Ion:184 Resp: 126705

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

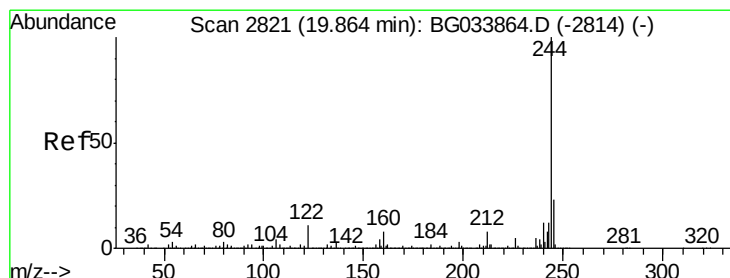
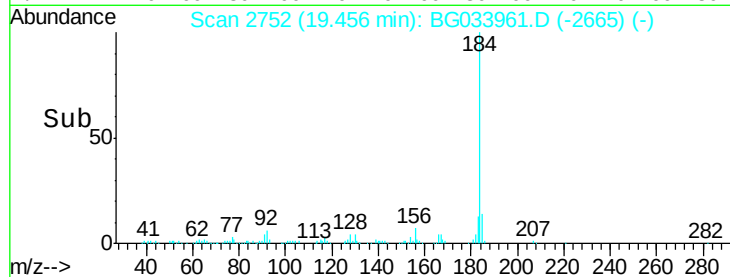
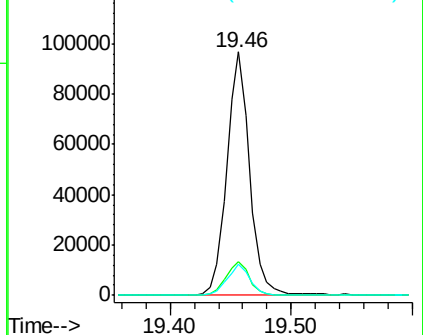
183 12.7 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 85.491 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033961.D

Acq: 24 Apr 2018 19:26

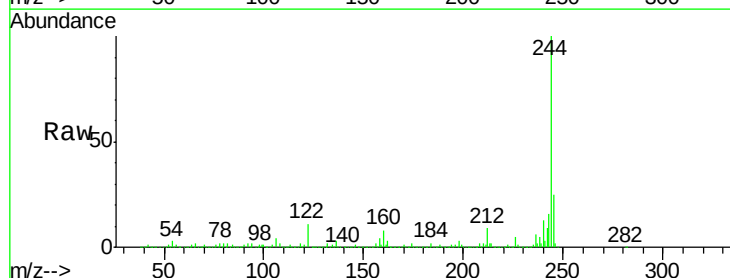
Tgt Ion:244 Resp: 2338926

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

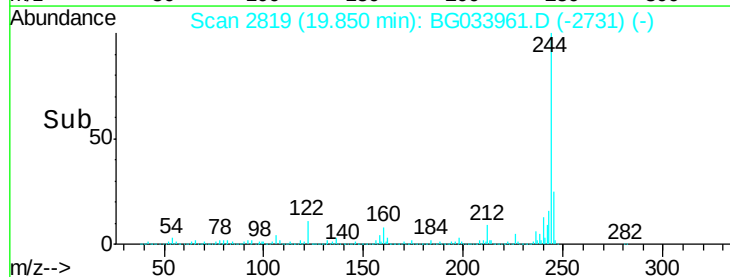
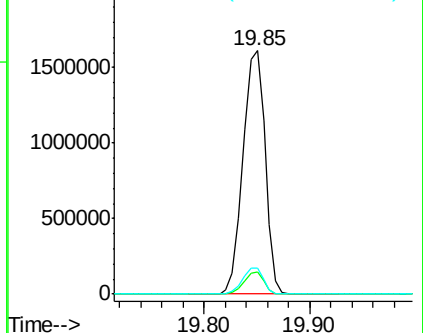
122 10.7 7.0 10.4#

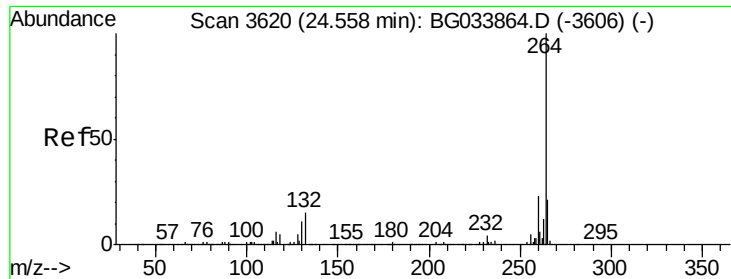


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

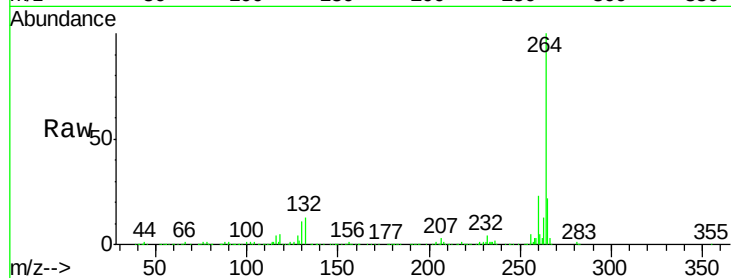




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.52 min Scan# 3614
 Delta R.T. -0.04 min
 Lab File: BG033961.D
 Acq: 24 Apr 2018 19:26

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-2-WC1

Tot Ion: 264 Resp: 624861
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.4 26.0
 265 21.8 17.7 26.5



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

