

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033959.D
 Acq On : 24 Apr 2018 18:10
 Operator : SJ/JU
 Sample : J2508-24
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: Apr 25 00:25:25 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

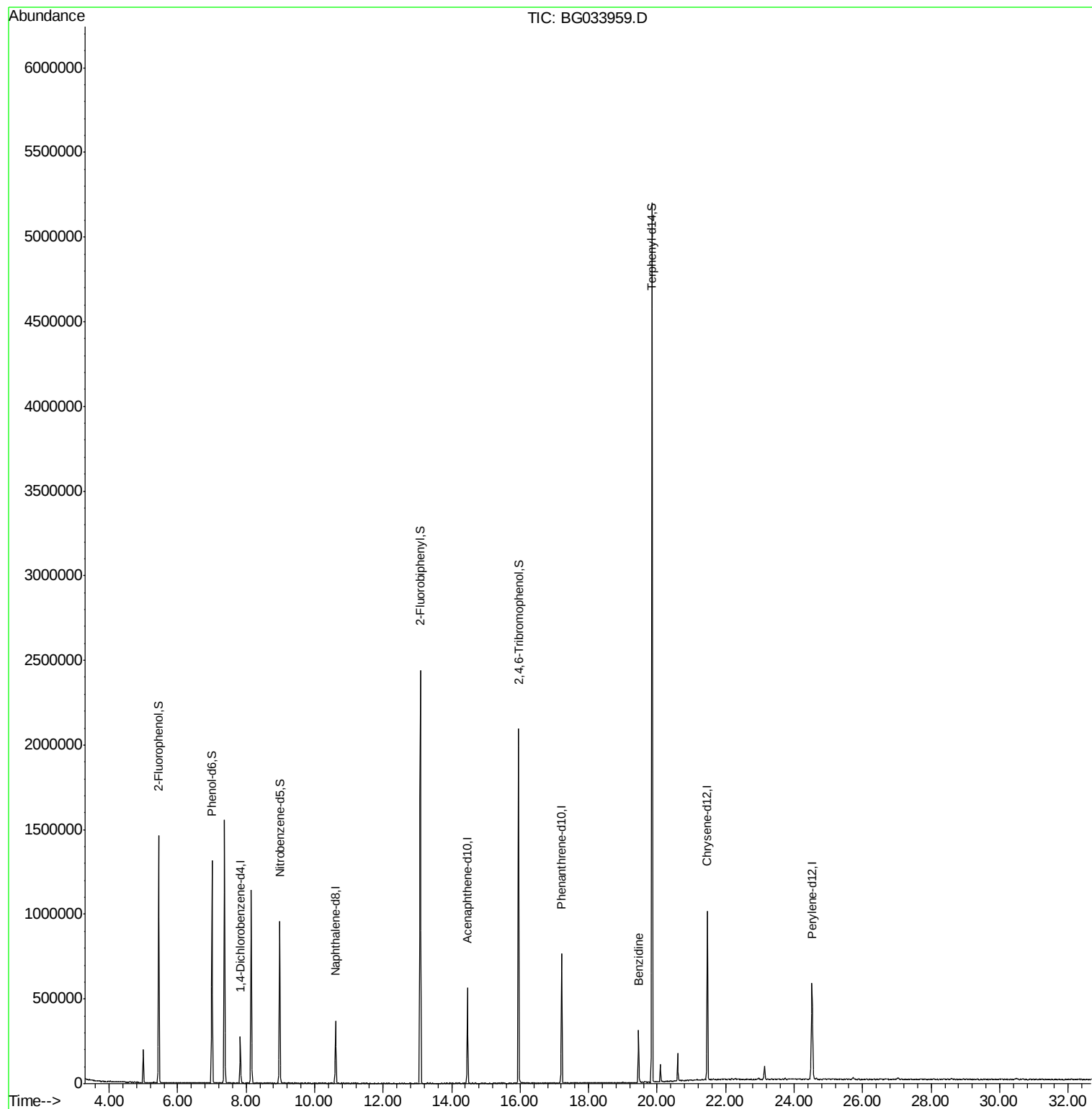
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	77836	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	314168	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	193634	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	490174	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	579234	20.00	ng	-0.03
86) Perylene-d12	24.52	264	591985	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	626092	128.42	ng	0.00
7) Phenol-d6	7.00	99	737641	103.73	ng	0.00
23) Nitrobenzene-d5	8.98	82	563676	102.11	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	385624	170.70	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1301227	98.72	ng	-0.02
78) Terphenyl-d14	19.85	244	2349951	91.15	ng	-0.02
Target Compounds						
76) Benzidine	19.46	184	178947	11.441	ng	Qvalue 99

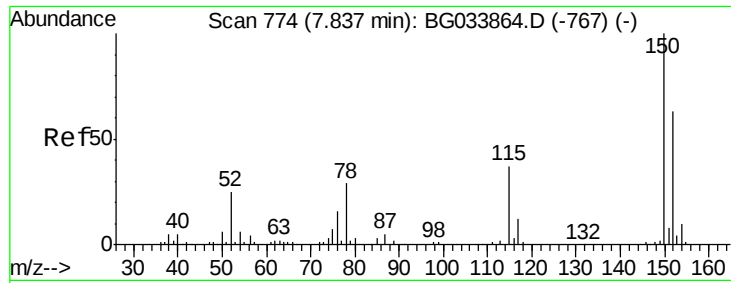
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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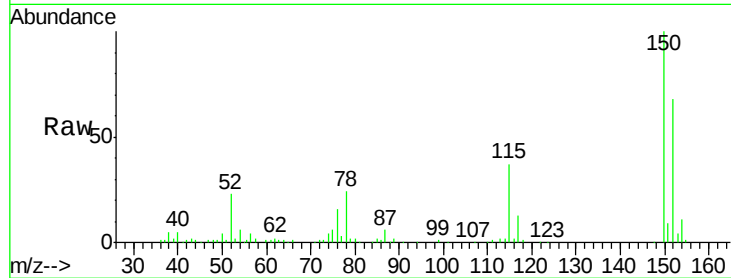


#1

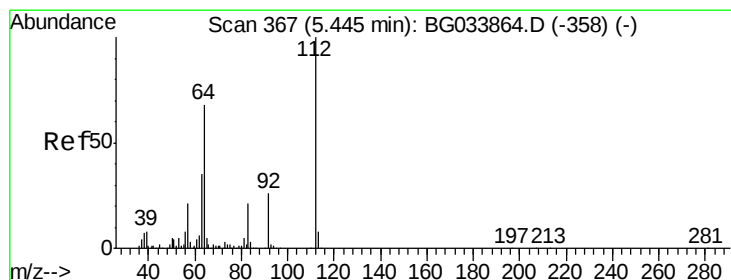
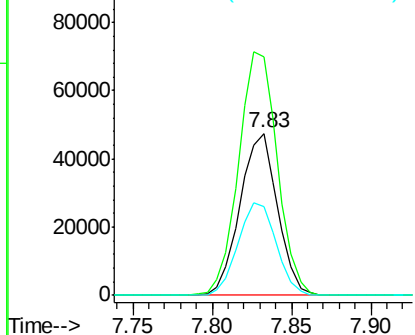
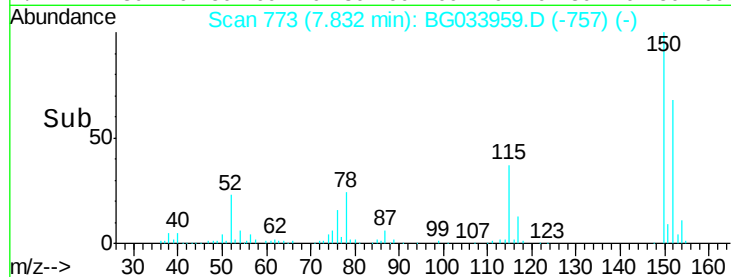
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BG033959.D
 Acq: 24 Apr 2018 18:10

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Tot Ion:152 Resp: 77836
 Ion Ratio Lower Upper
 152 100
 150 147.1 126.6 189.8
 115 54.5 53.0 79.4



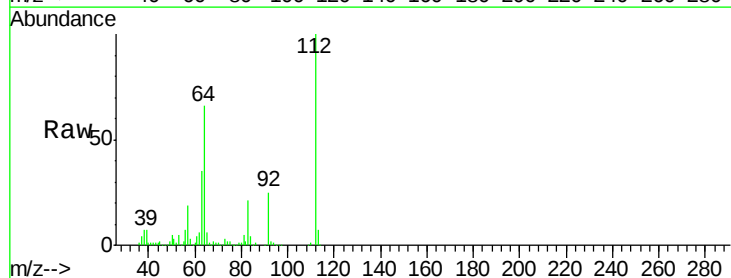
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



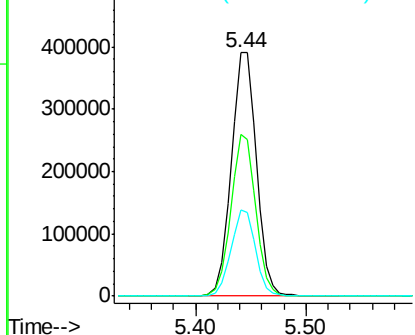
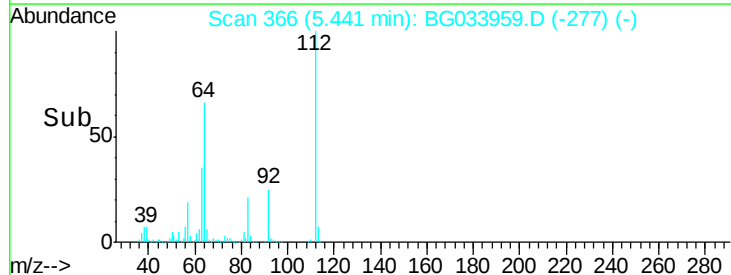
#5

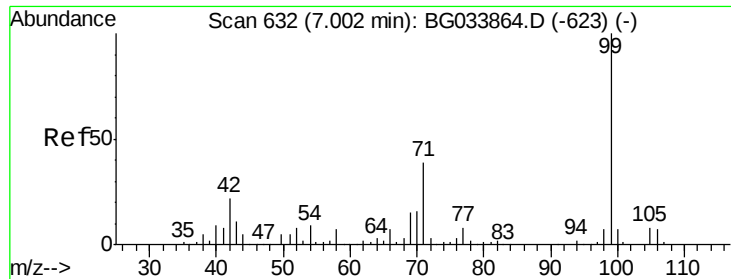
2-Fluorophenol
 Concen: 128.421 ng
 RT: 5.44 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: BG033959.D
 Acq: 24 Apr 2018 18:10

Tgt Ion:112 Resp: 626092
 Ion Ratio Lower Upper
 112 100
 64 66.3 56.3 84.5
 63 35.2 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: 103.733 ng

RT: 7.00 min Scan# 632

Delta R.T. 0.00 min

Lab File: BG033959.D

Acq: 24 Apr 2018 18:10

Instrument :

BNA_G

ClientSampled :

TP-6

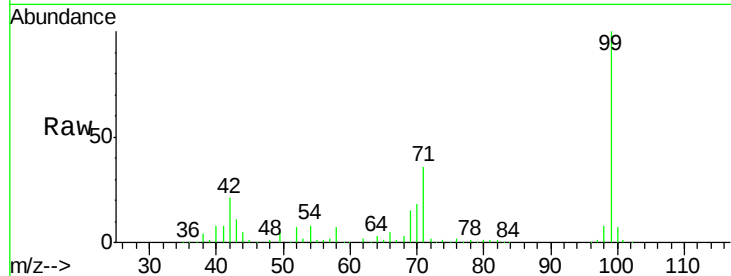
Tot Ion: 99 Resp: 737641

Ion Ratio Lower Upper

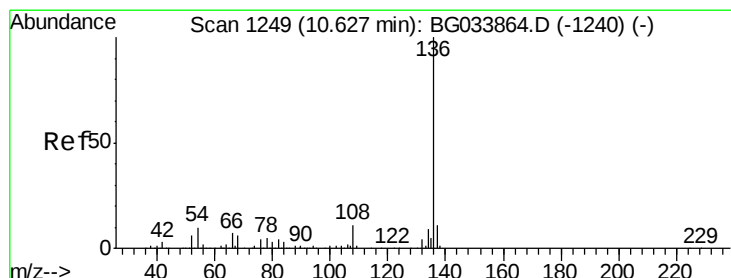
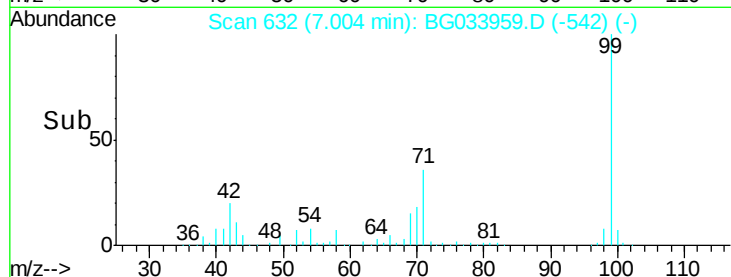
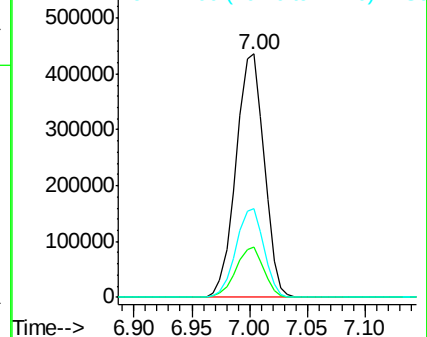
99 100

42 20.6 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: BG033959.D

Acq: 24 Apr 2018 18:10

Tgt Ion: 136 Resp: 314168

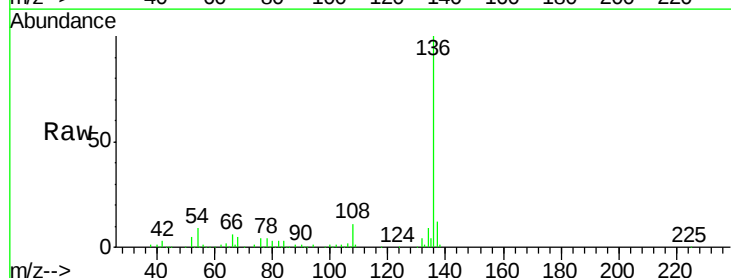
Ion Ratio Lower Upper

136 100

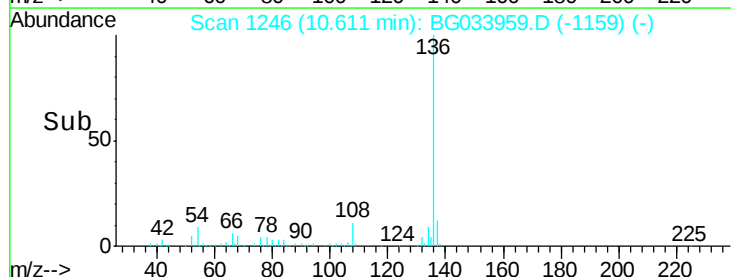
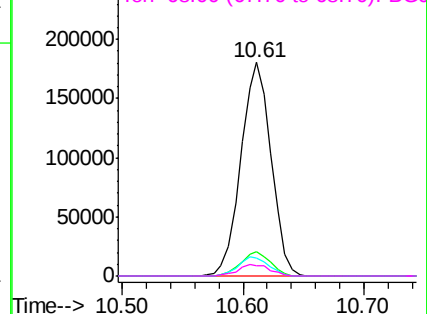
137 11.6 9.2 13.8

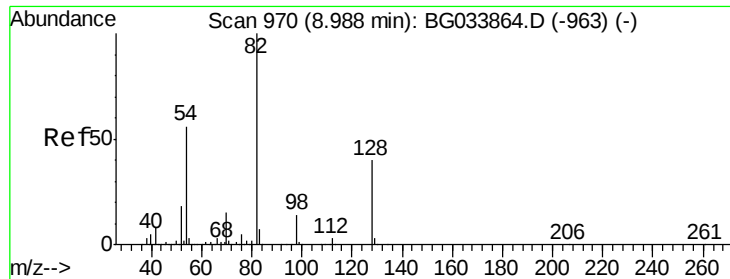
54 8.6 10.3 15.5#

68 4.7 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

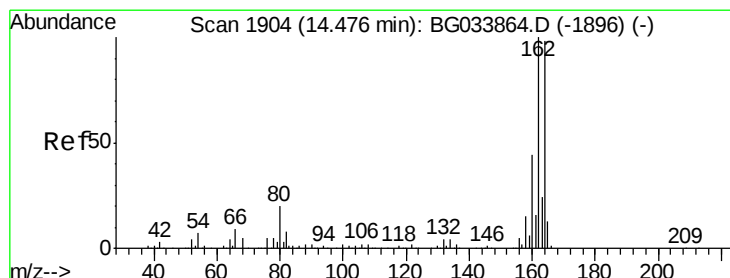
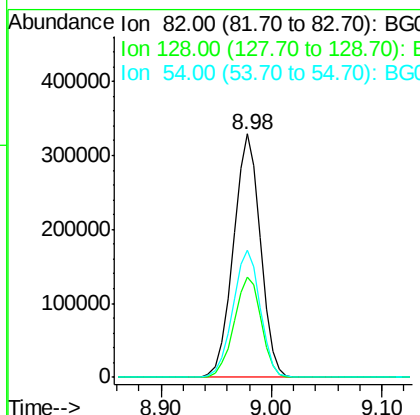
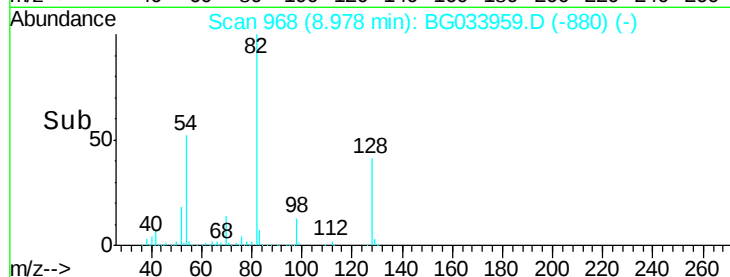
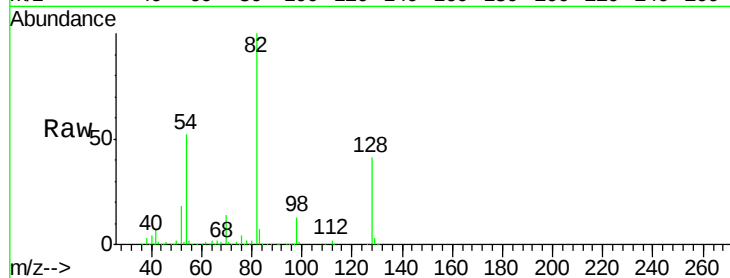




#23
 Nitrobenzene-d5
 Concen: 102.106 ng
 RT: 8.98 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG033959.D
 Acq: 24 Apr 2018 18:10

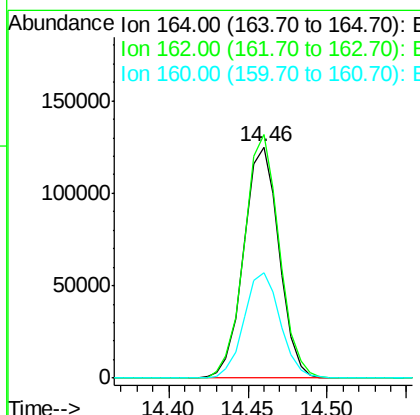
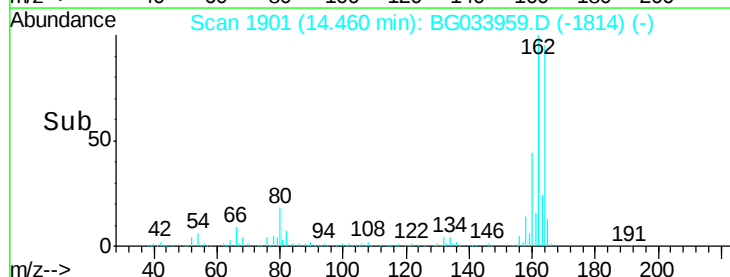
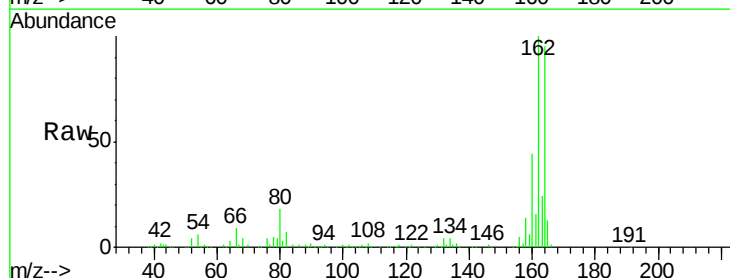
Instrument :
 BNA_G
 ClientSampleId :
 TP-6

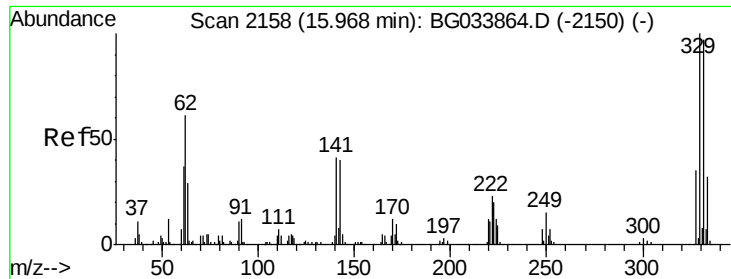
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	29.7	44.5
54	52.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033959.D
 Acq: 24 Apr 2018 18:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	78.8	118.2
160	45.8	35.4	53.0

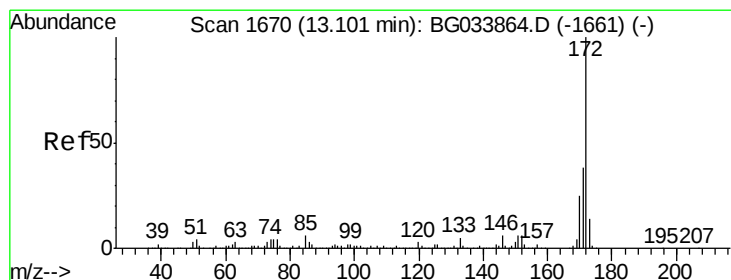
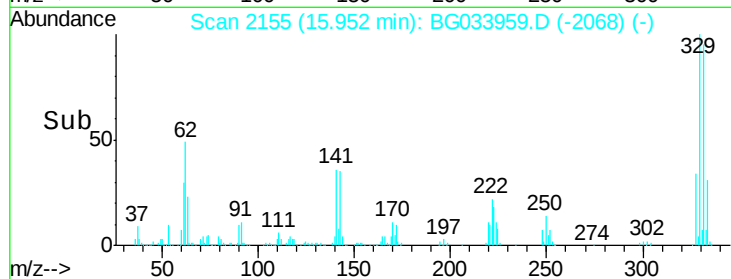
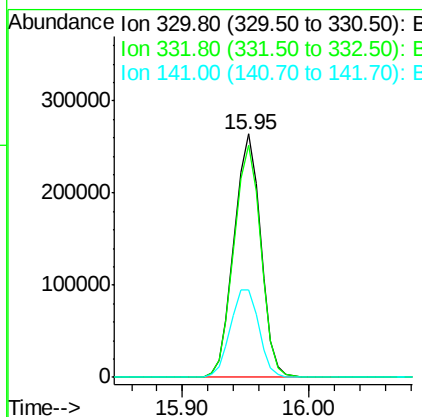
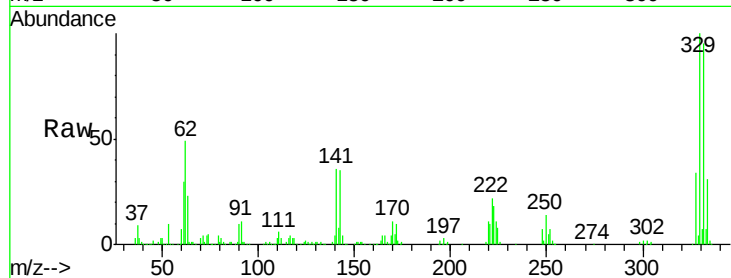




#41
 2,4,6-Tribromophenol
 Concen: 170.702 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033959.D
 Acq: 24 Apr 2018 18:10

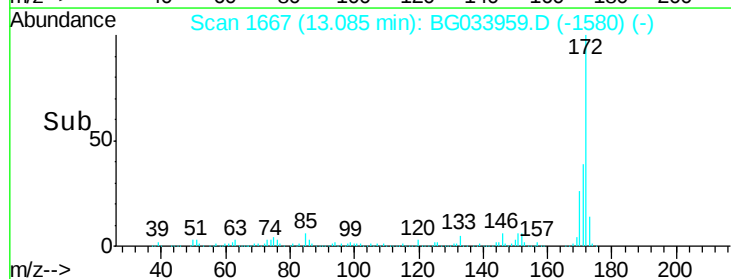
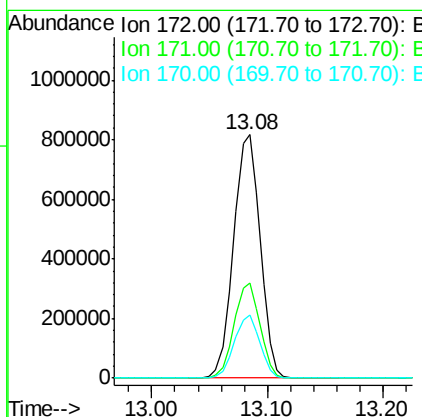
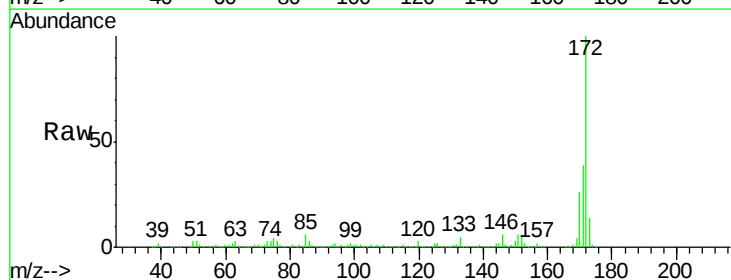
Instrument :
 BNA_G
 ClientSampleId :
 TP-6

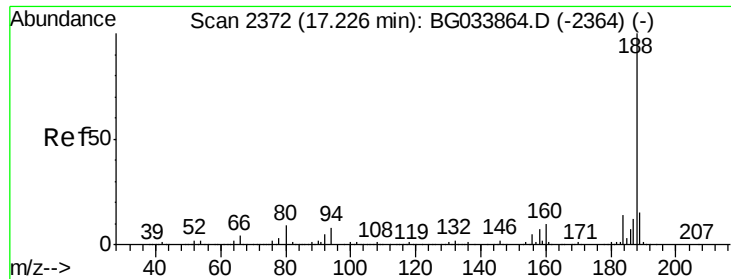
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	38.2	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 98.719 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033959.D
 Acq: 24 Apr 2018 18:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.0	45.0
170	25.9	19.5	29.3

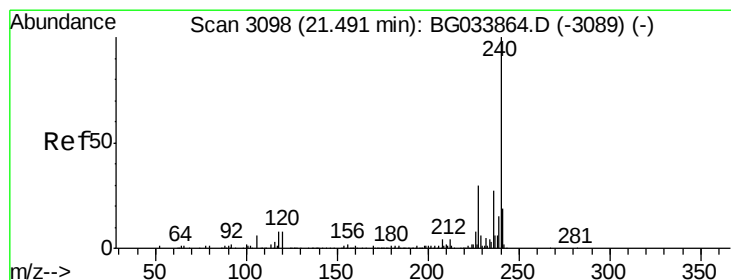
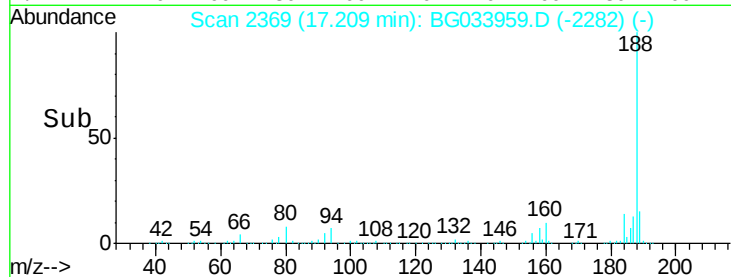
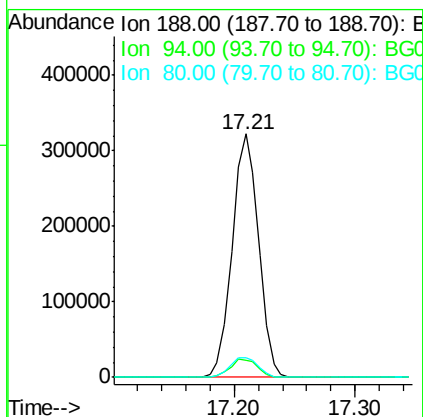
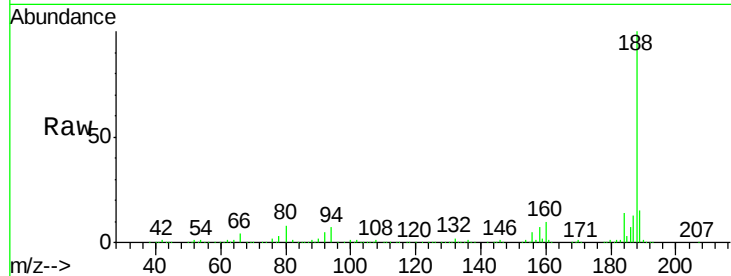




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033959.D
Acq: 24 Apr 2018 18:10

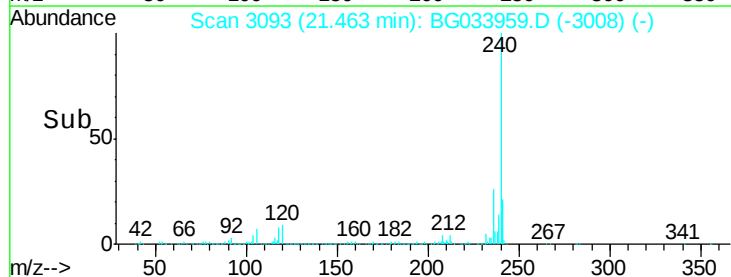
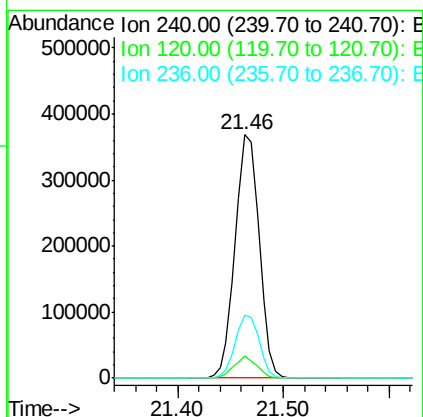
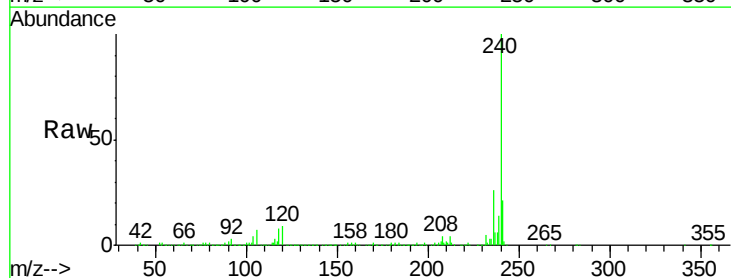
Instrument :
BNA_G
ClientSampleId :
TP-6

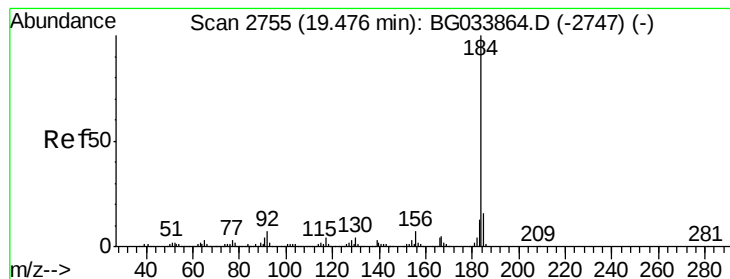
Tot Ion:188 Resp: 490174
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 8.3 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.46 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BG033959.D
Acq: 24 Apr 2018 18:10

Tgt Ion:240 Resp: 579234
Ion Ratio Lower Upper
240 100
120 9.1 6.8 10.2
236 25.8 20.9 31.3





#76

Benzidine

Concen: 11.441 ng

RT: 19.46 min Scan# 2752

Delta R.T. -0.02 min

Lab File: BG033959.D

Acq: 24 Apr 2018 18:10

Instrument :

BNA_G

ClientSampleId :

TP-6

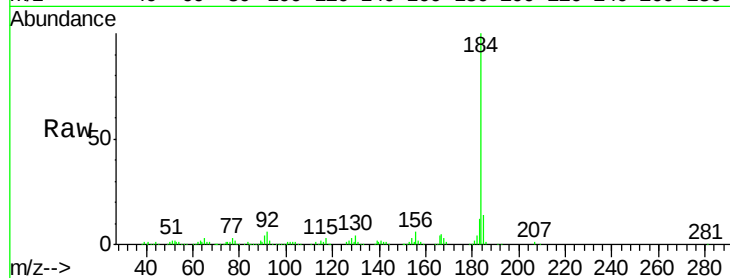
Tot Ion:184 Resp: 178947

Ion Ratio Lower Upper

184 100

185 13.7 11.1 16.7

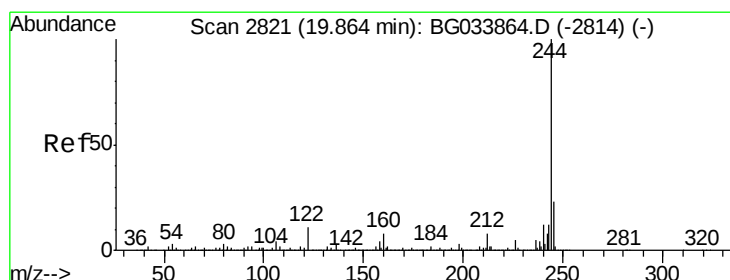
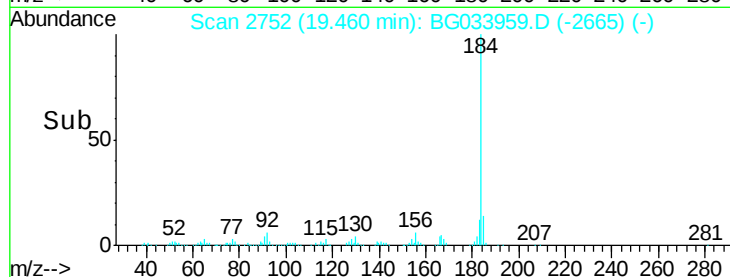
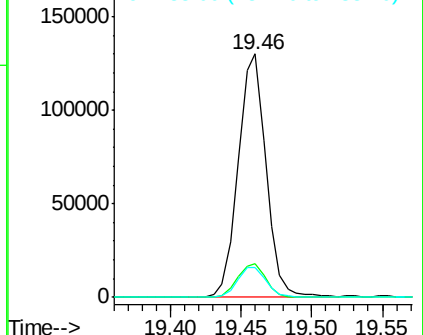
183 12.5 10.6 16.0



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: 91.145 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033959.D

Acq: 24 Apr 2018 18:10

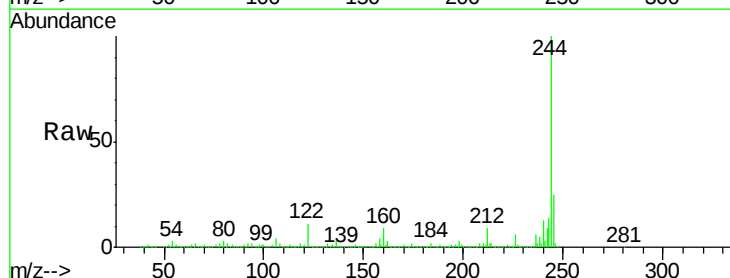
Tgt Ion:244 Resp: 2349951

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

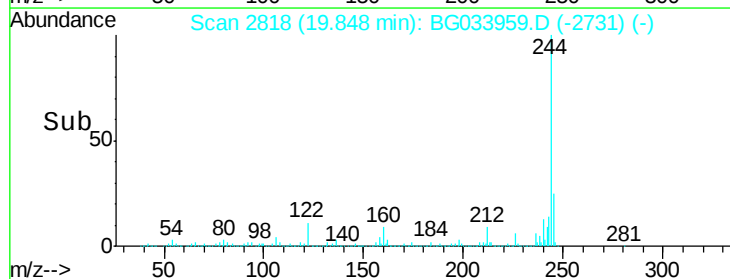
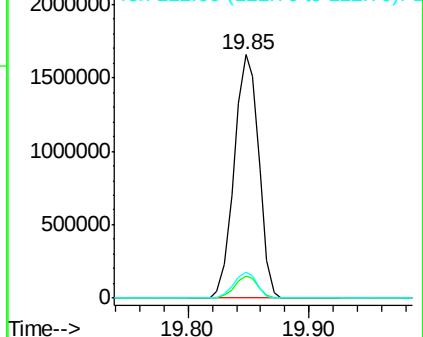
122 10.9 7.0 10.4#

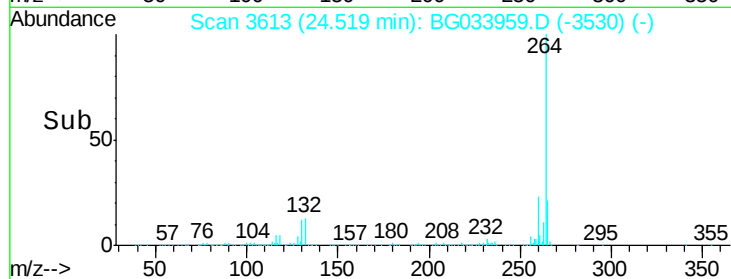
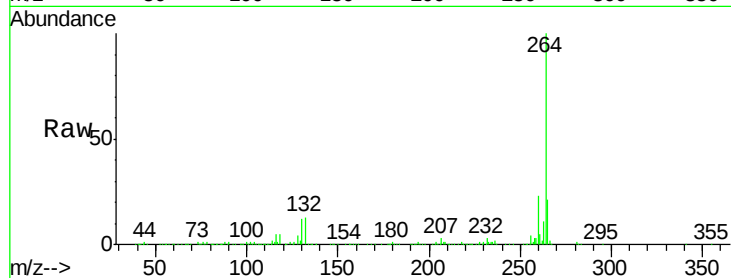
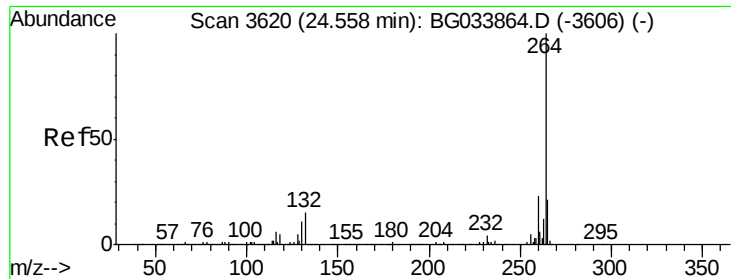


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3613

Delta R.T. -0.04 min

Lab File: BG033959.D

Acq: 24 Apr 2018 18:10

Instrument :

BNA_G

ClientSampleId :

TP-6

Tot Ion:264 Resp: 591985

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 21.2 17.7 26.5

