

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033883.D
 Acq On : 20 Apr 2018 13:09
 Operator : SJ/JU
 Sample : J2455-31
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Apr 21 05:27:47 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

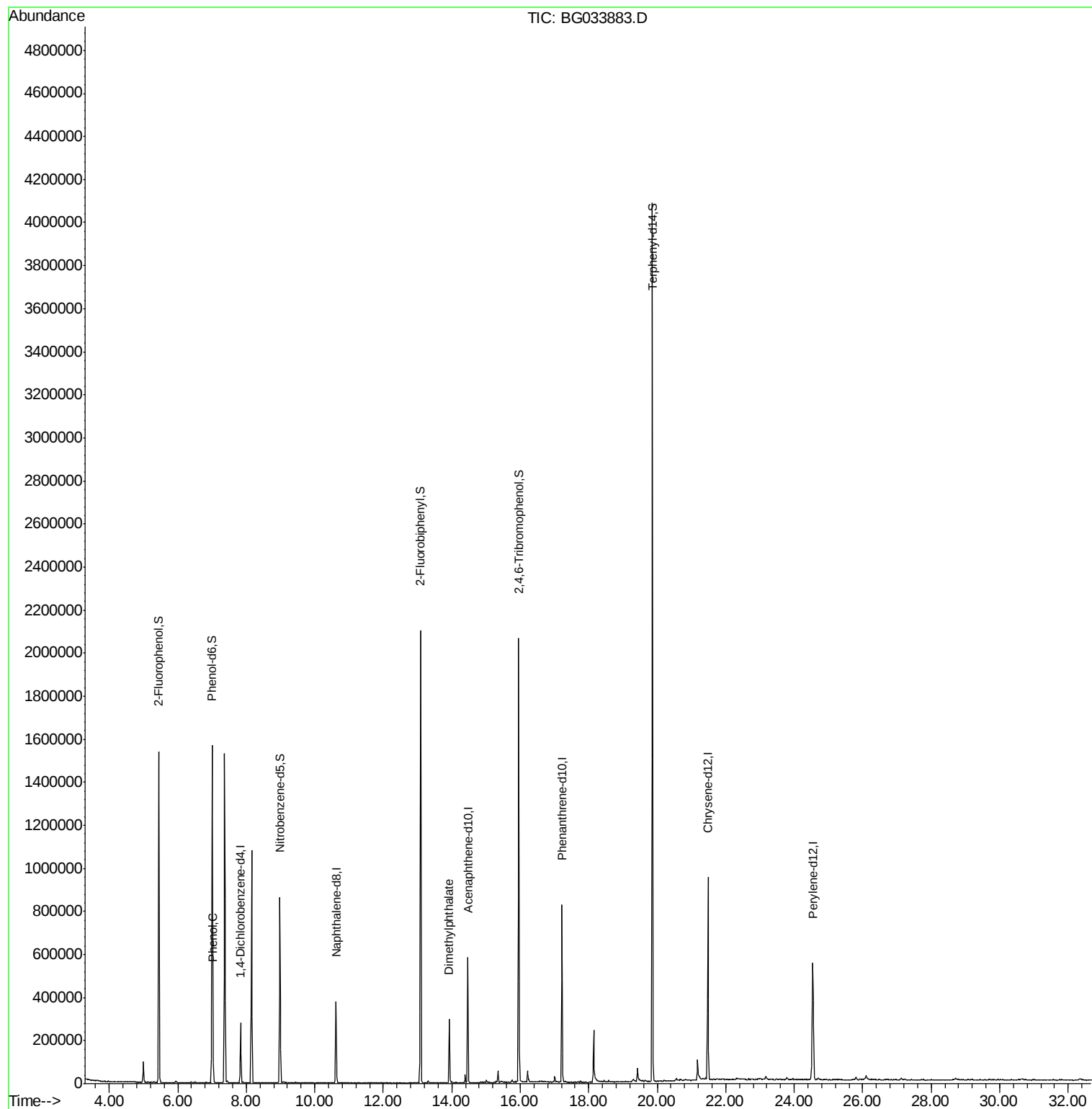
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	74219	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	320637	20.00	ng	0.00
38) Acenaphthene-d10	14.47	164	204259	20.00	ng	0.00
63) Phenanthrene-d10	17.22	188	504199	20.00	ng	0.00
75) Chrysene-d12	21.48	240	536851	20.00	ng	-0.01
86) Perylene-d12	24.54	264	543522	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	637890	137.22	ng	0.00
7) Phenol-d6	7.01	99	865325	127.62	ng	0.00
23) Nitrobenzene-d5	8.98	82	522975	92.82	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	351477	147.49	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1134798	81.61	ng	0.00
78) Terphenyl-d14	19.86	244	1850194	77.43	ng	0.00
Target Compounds						
10) Phenol	7.03	94	45735	6.584	ng	100
49) Dimethylphthalate	13.93	163	187882	10.457	ng	99

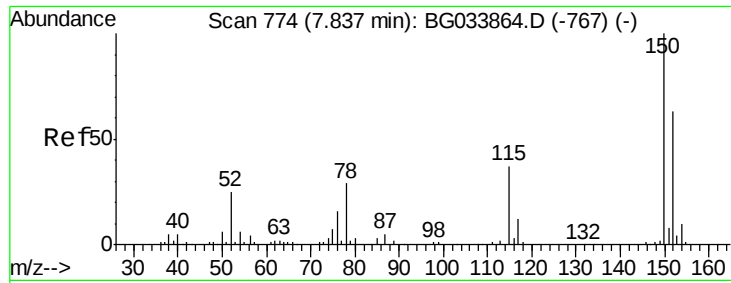
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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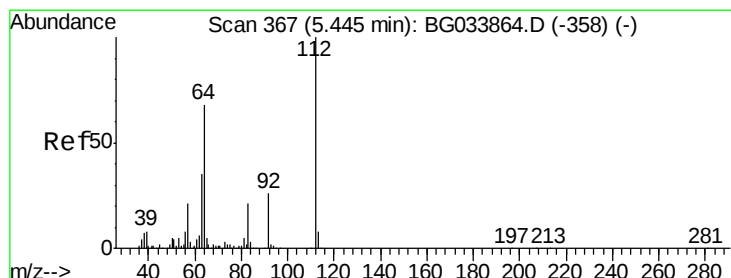
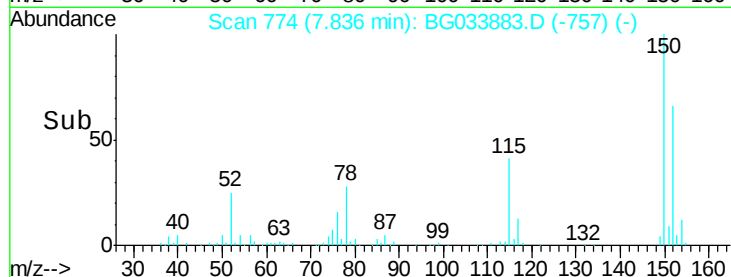
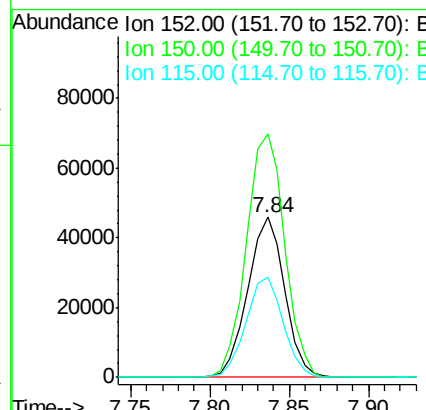
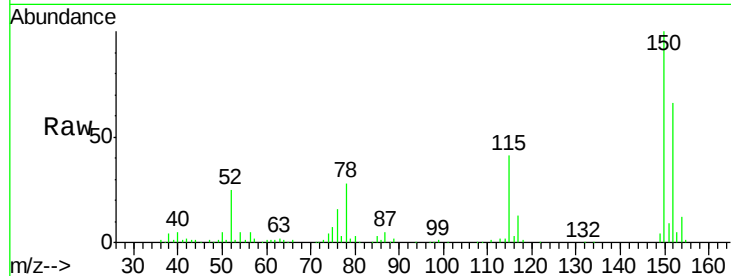


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG033883.D
Acq: 20 Apr 2018 13:09

Instrument :
BNA_G
ClientSampleId :
TP-4

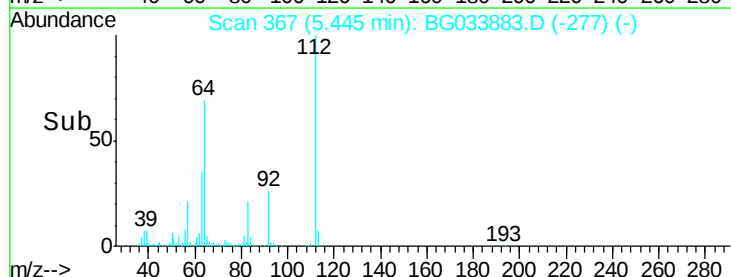
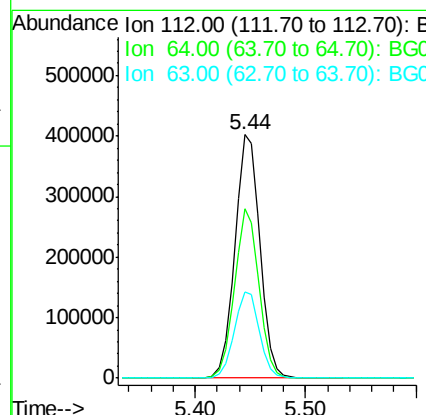
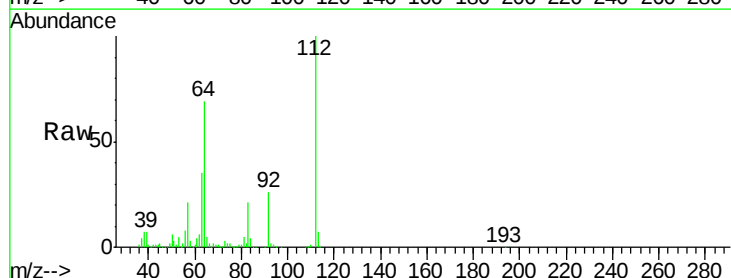
Tot Ion:152 Resp: 74219
Ion Ratio Lower Upper
152 100
150 152.0 126.6 189.8
115 62.4 53.0 79.4

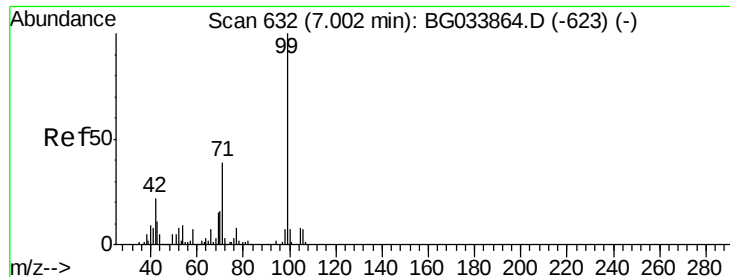


#5

2-Fluorophenol
Concen: 137.217 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033883.D
Acq: 20 Apr 2018 13:09

Tgt Ion:112 Resp: 637890
Ion Ratio Lower Upper
112 100
64 69.3 56.3 84.5
63 35.4 30.1 45.1





#7

Phenol-d6

Concen: 127.620 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.01 min

Lab File: BG033883.D

Acq: 20 Apr 2018 13:09

Instrument :

BNA_G

ClientSampleId :

TP-4

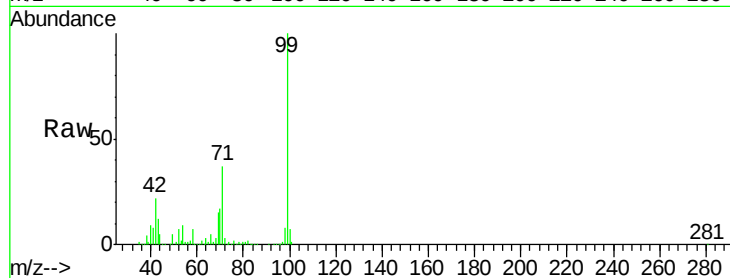
Tot Ion: 99 Resp: 865325

Ion Ratio Lower Upper

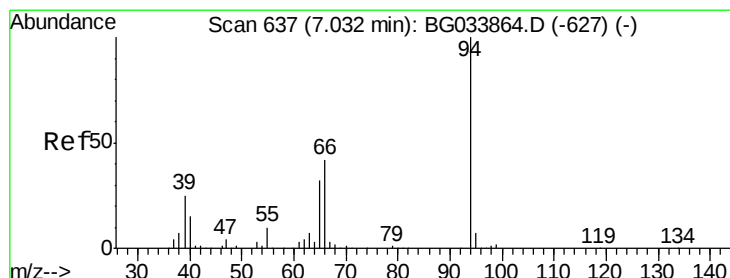
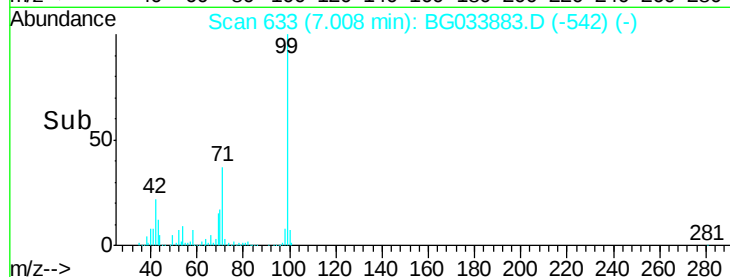
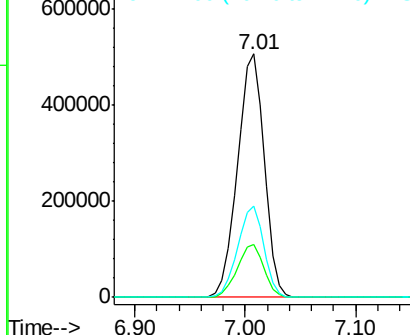
99 100

42 21.7 14.1 21.1#

71 37.5 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



#10

Phenol

Concen: 6.584 ng

RT: 7.03 min Scan# 637

Delta R.T. -0.00 min

Lab File: BG033883.D

Acq: 20 Apr 2018 13:09

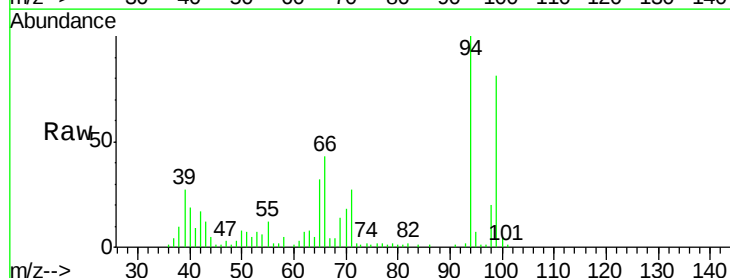
Tgt Ion: 94 Resp: 45735

Ion Ratio Lower Upper

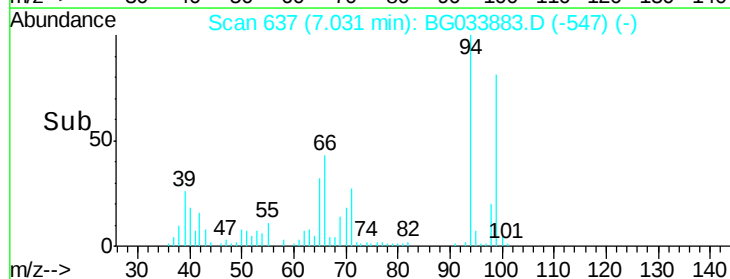
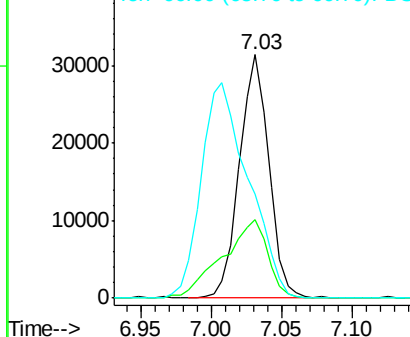
94 100

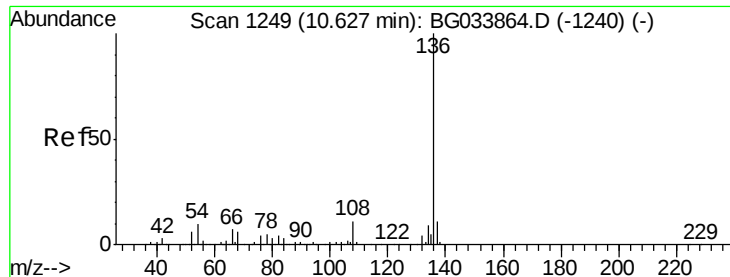
65 32.0 11.9 51.9

66 42.6 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

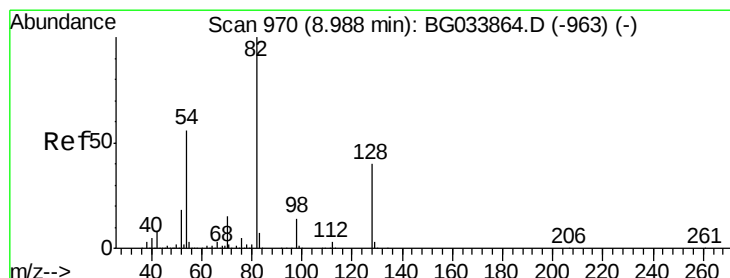
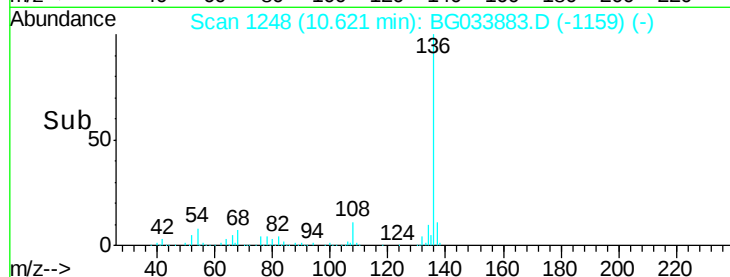
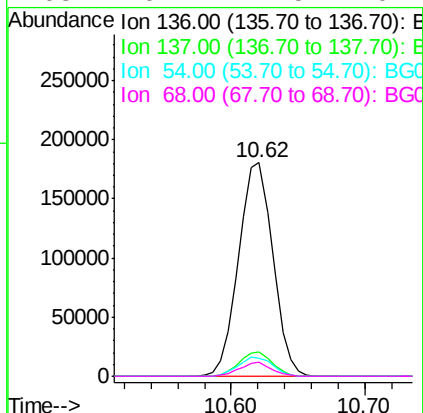
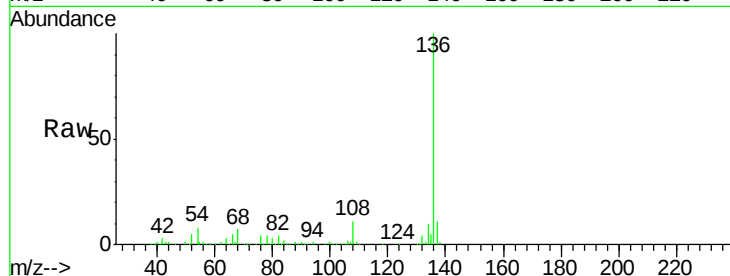




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BG033883.D
Acq: 20 Apr 2018 13:09

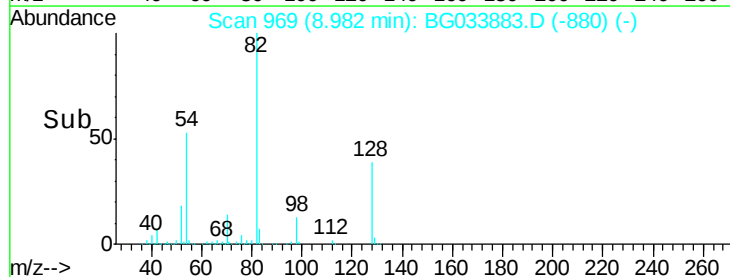
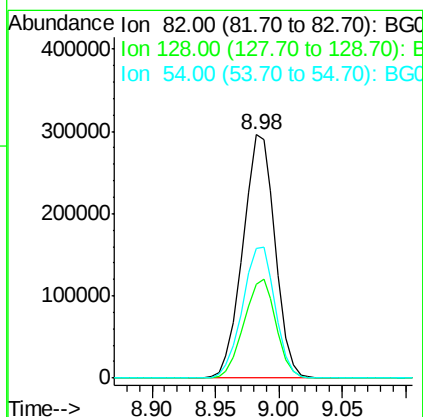
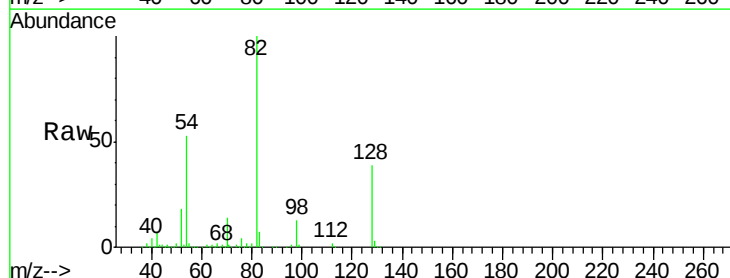
Instrument :
BNA_G
ClientSampled :
TP-4

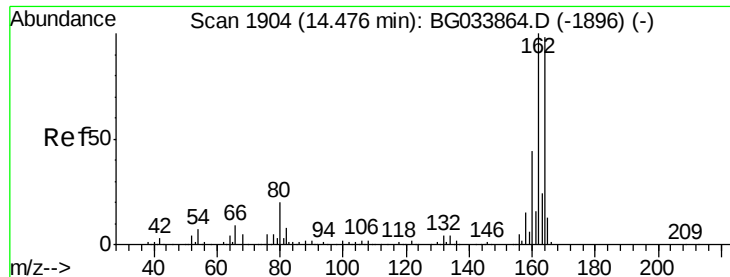
Tot Ion:136	Resp:	320637
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.2 13.8
54	9.0	10.3 15.5#
68	6.7	4.5 6.7



#23
Nitrobenzene-d5
Concen: 92.822 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG033883.D
Acq: 20 Apr 2018 13:09

Tgt Ion: 82	Resp:	522975
Ion	Ratio	Lower Upper
82	100	
128	38.7	29.7 44.5
54	53.4	43.1 64.7

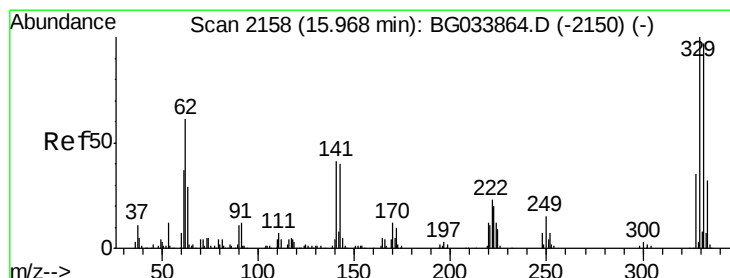
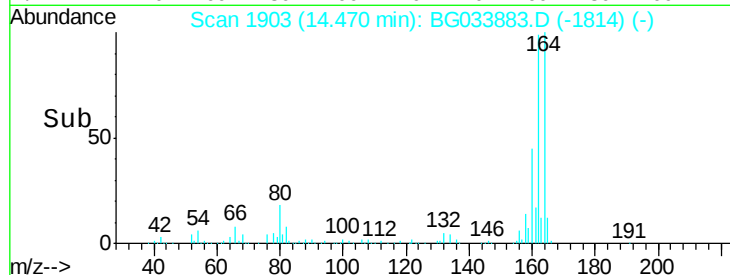
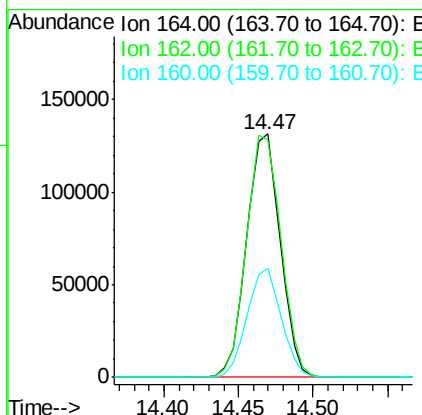
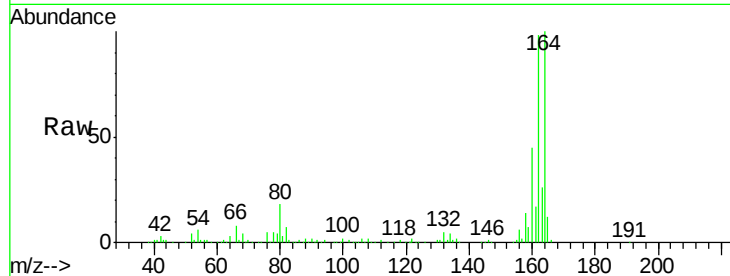




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.47 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BG033883.D
 Acq: 20 Apr 2018 13:09

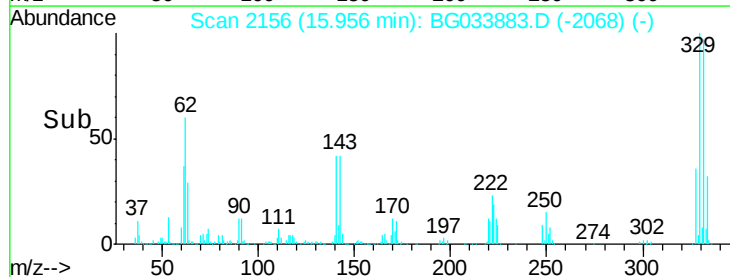
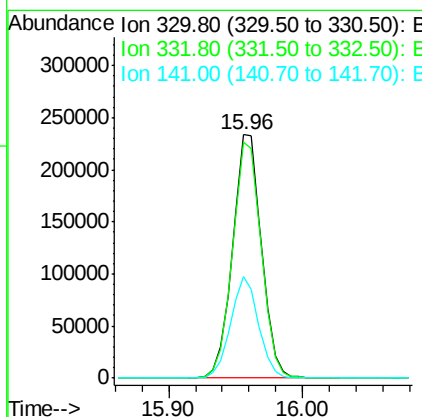
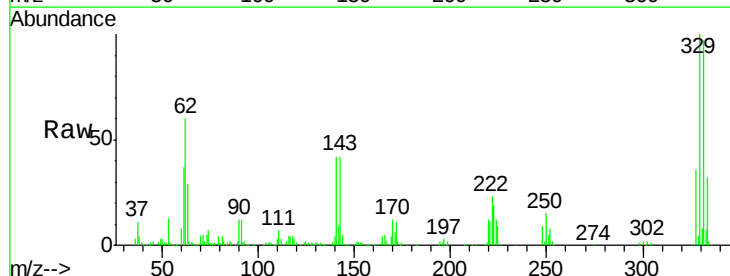
Instrument :
 BNA_G
 ClientSampleId :
 TP-4

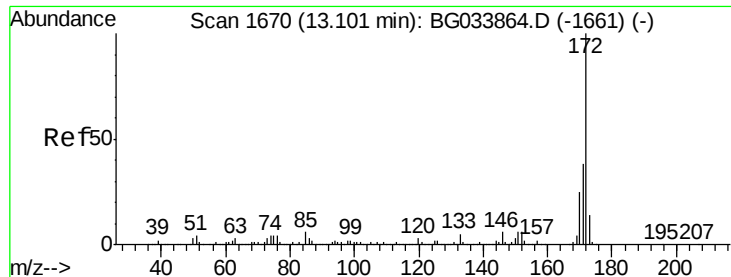
Tot Ion:164 Resp: 204259
 Ion Ratio Lower Upper
 164 100
 162 97.6 78.8 118.2
 160 44.9 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 147.493 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033883.D
 Acq: 20 Apr 2018 13:09

Tgt Ion:330 Resp: 351477
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 40.5 25.2 37.8#

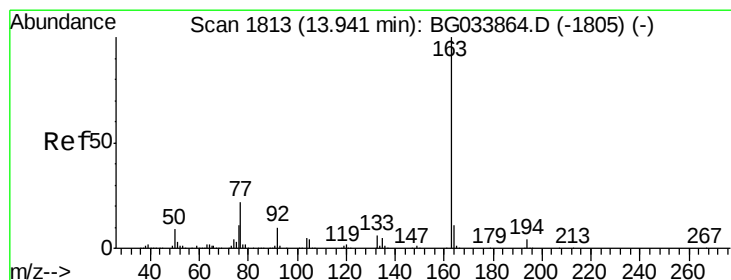
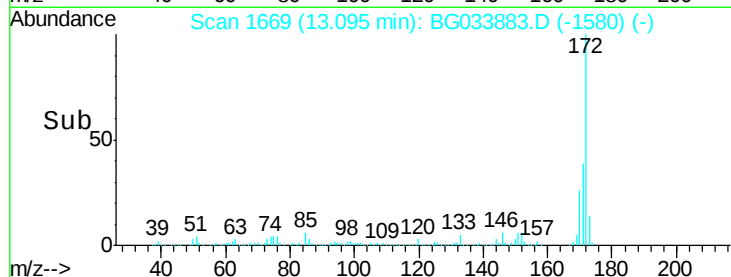
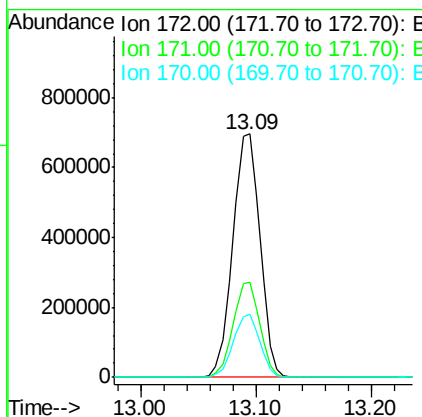
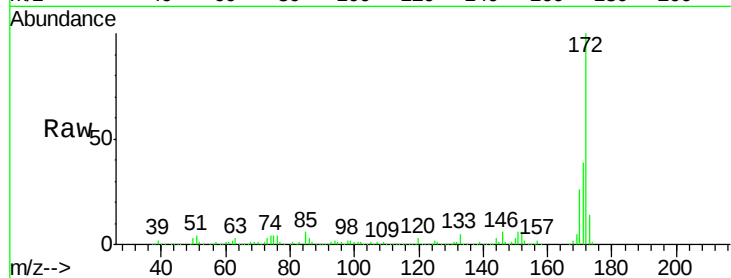




#44
2-Fluorobiphenyl
Concen: 81.614 ng
RT: 13.09 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BG033883.D
Acq: 20 Apr 2018 13:09

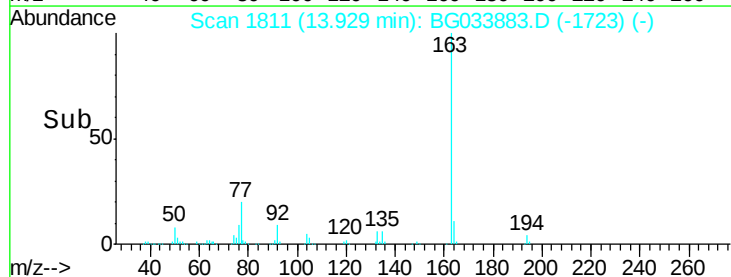
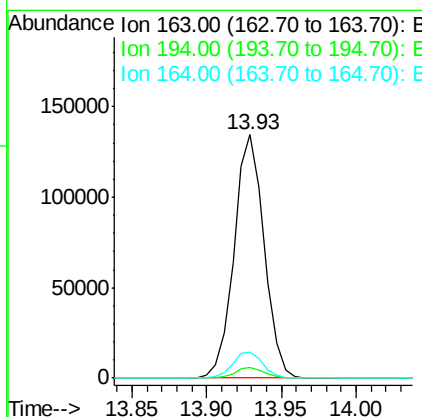
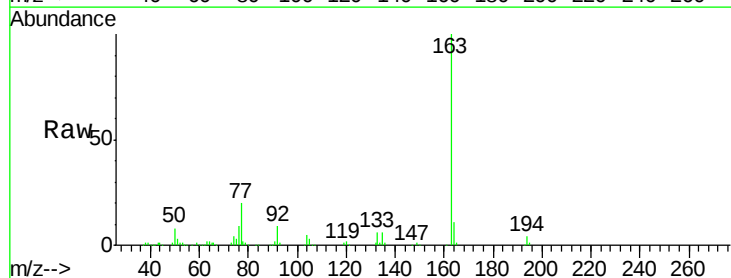
Instrument :
BNA_G
ClientSampleId :
TP-4

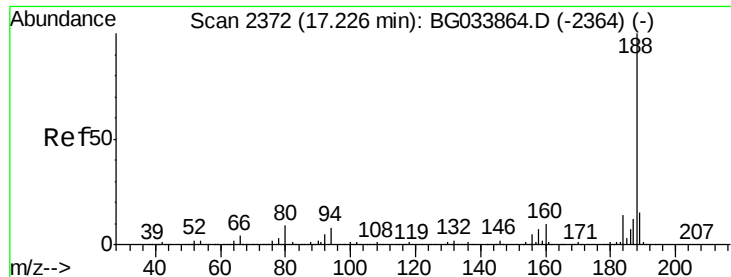
Tot Ion:172 Resp: 1134798
Ion Ratio Lower Upper
172 100
171 39.0 30.0 45.0
170 25.9 19.5 29.3



#49
Dimethylphthalate
Concen: 10.457 ng
RT: 13.93 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG033883.D
Acq: 20 Apr 2018 13:09

Tgt Ion:163 Resp: 187882
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.8 8.2 12.4

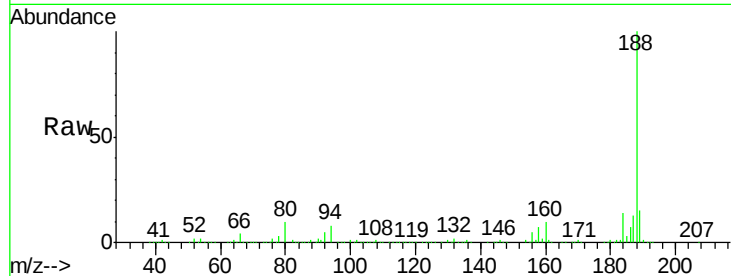




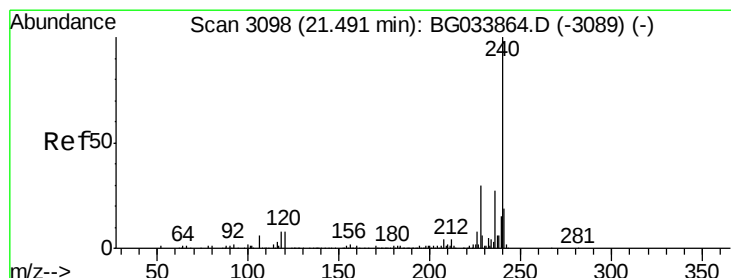
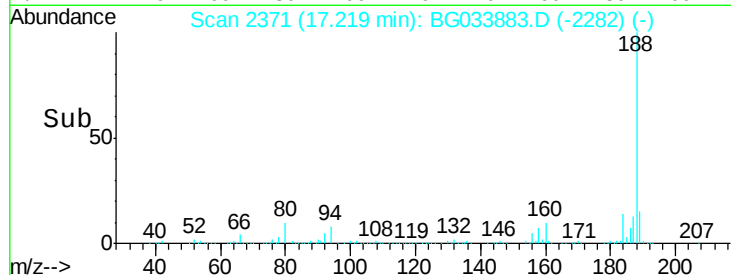
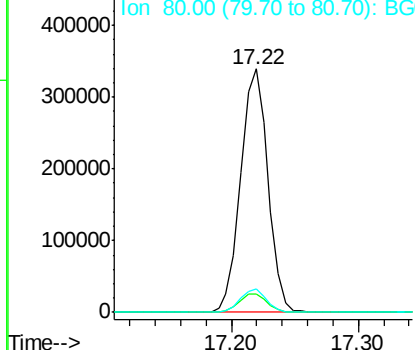
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BG033883.D
Acq: 20 Apr 2018 13:09

Instrument :
BNA_G
ClientSampleId :
TP-4

Tot Ion:188 Resp: 504199
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 9.6 7.7 11.5

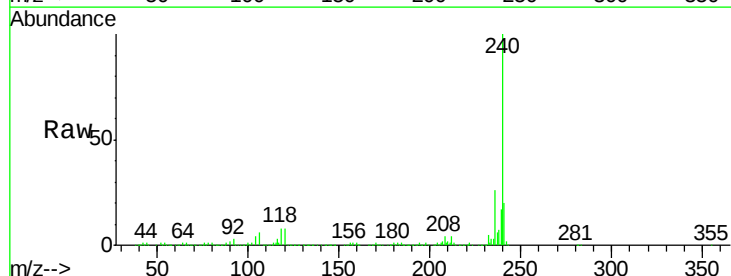


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

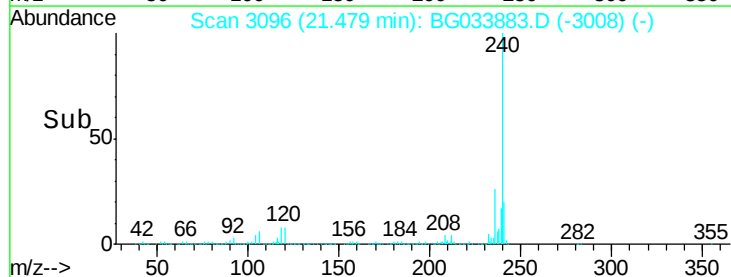
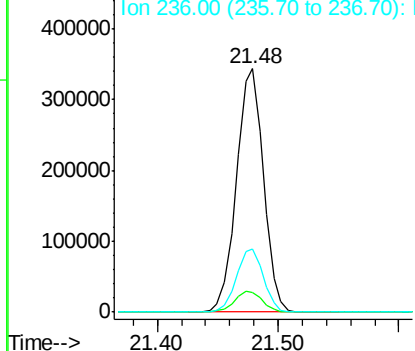


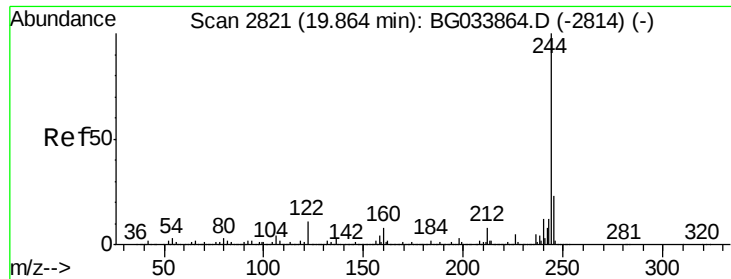
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.48 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BG033883.D
Acq: 20 Apr 2018 13:09

Tgt Ion:240 Resp: 536851
Ion Ratio Lower Upper
240 100
120 8.1 6.8 10.2
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

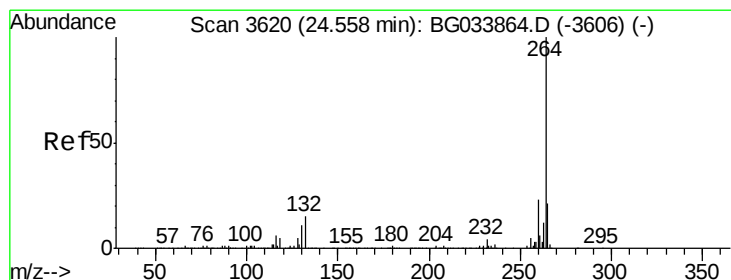
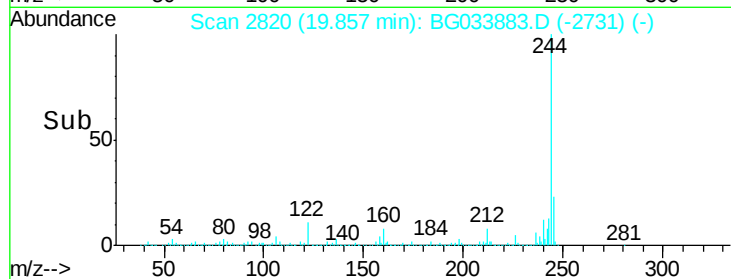
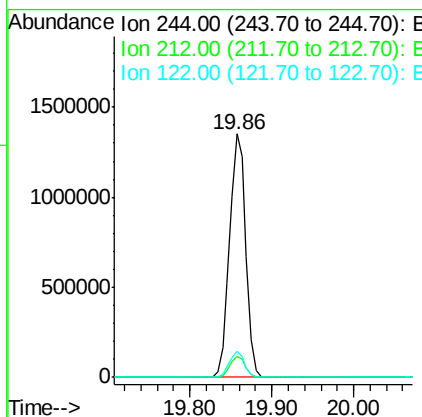
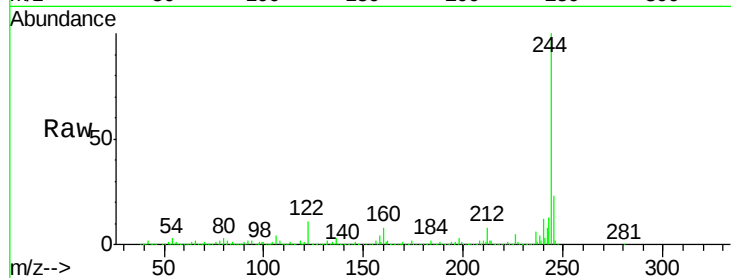




#78
 Terphenyl-d14
 Concen: 77.427 ng
 RT: 19.86 min Scan# 2820
 Delta R.T. -0.01 min
 Lab File: BG033883.D
 Acq: 20 Apr 2018 13:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tot Ion:244 Resp: 1850194
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.8 8.8
 122 10.6 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.54 min Scan# 3617
 Delta R.T. -0.02 min
 Lab File: BG033883.D
 Acq: 20 Apr 2018 13:09

Tgt Ion:264 Resp: 543522
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.4 26.0
 265 21.7 17.7 26.5

