

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033674.D
 Acq On : 9 Apr 2018 11:00
 Operator : SJ/JU
 Sample : J2258-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11984

Quant Time: Apr 10 06:45:12 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

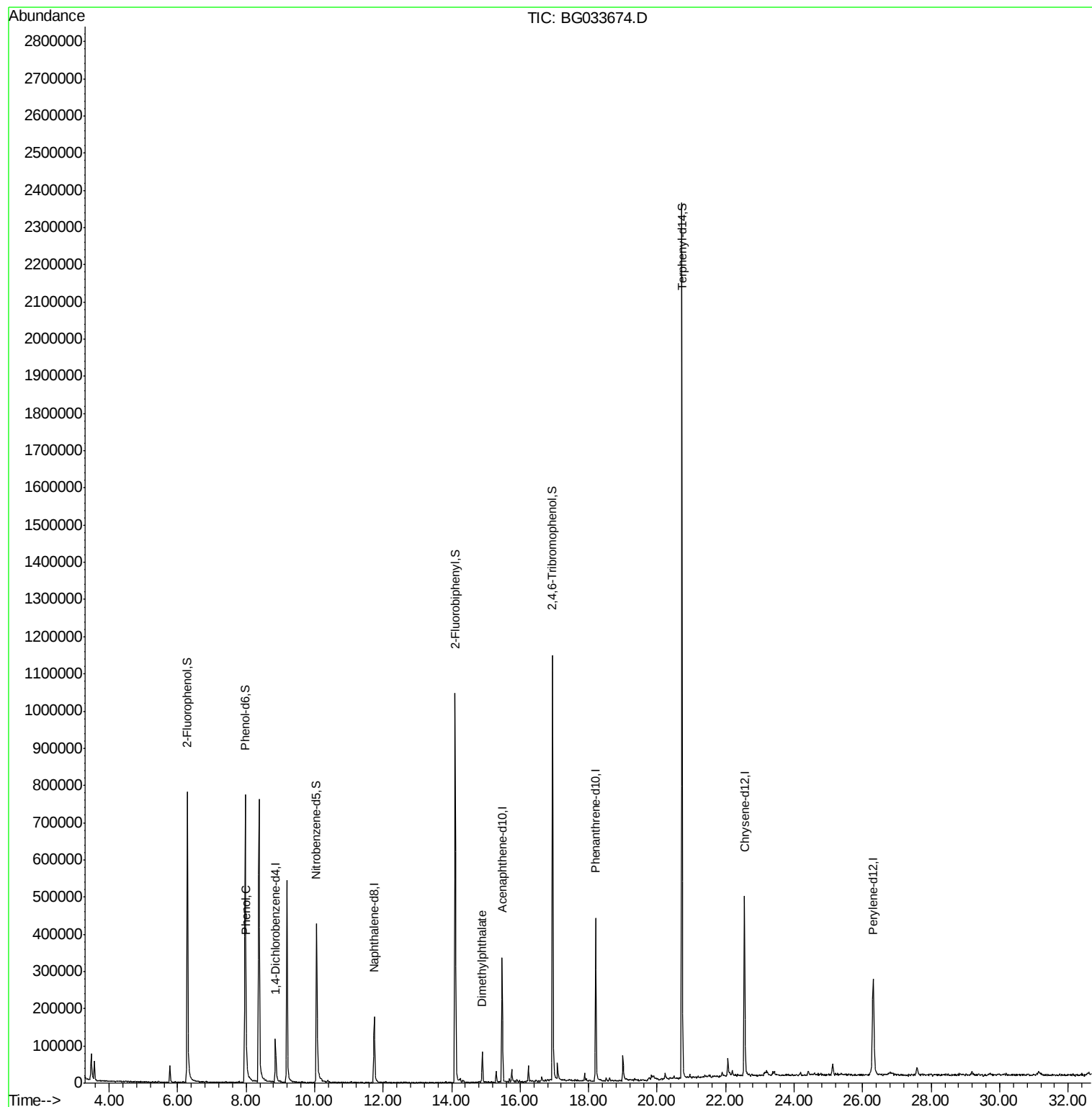
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	39542	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	172923	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	120547	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	322434	20.00	ng	0.00
75) Chrysene-d12	22.55	240	334393	20.00	ng	0.00
86) Perylene-d12	26.30	264	353219	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	369209	175.08	ng	0.00
7) Phenol-d6	7.97	99	527723	145.65	ng	0.00
23) Nitrobenzene-d5	10.06	82	343710	91.32	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	217085	120.41	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	597346	71.54	ng	0.00
78) Terphenyl-d14	20.72	244	1198149	76.63	ng	0.00
Target Compounds						
10) Phenol	8.00	94	29245	8.175	ng	85
49) Dimethylphthalate	14.89	163	54119	5.159	ng	99

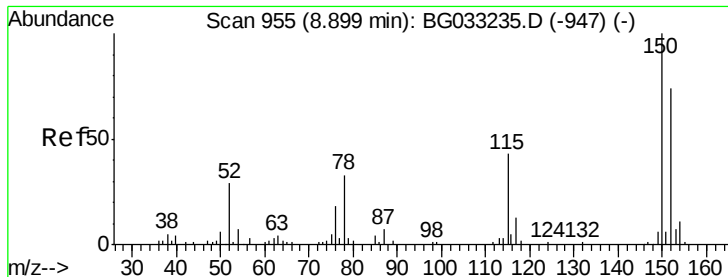
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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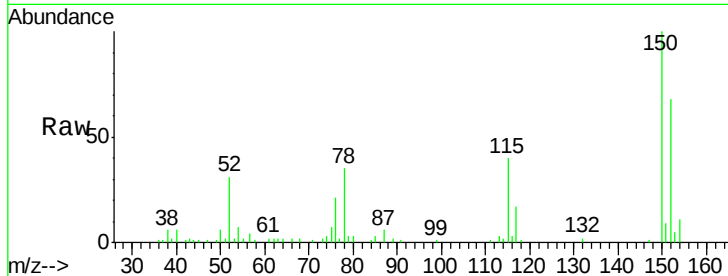


#1

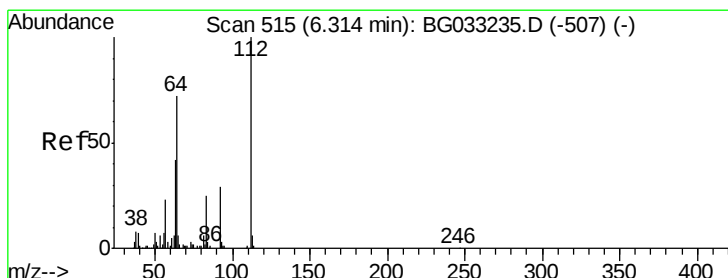
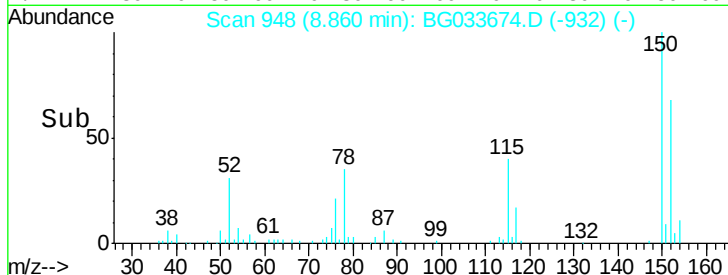
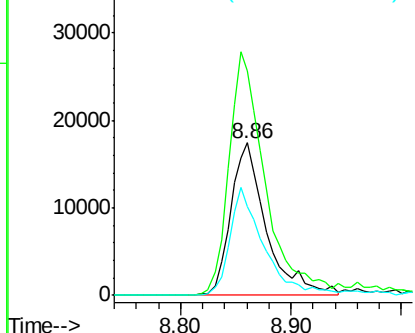
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BG033674.D
 Acq: 9 Apr 2018 11:00

Instrument :
 BNA_G
 ClientSampleId :
 11984

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.2	126.6	189.8
115	58.5	53.0	79.4



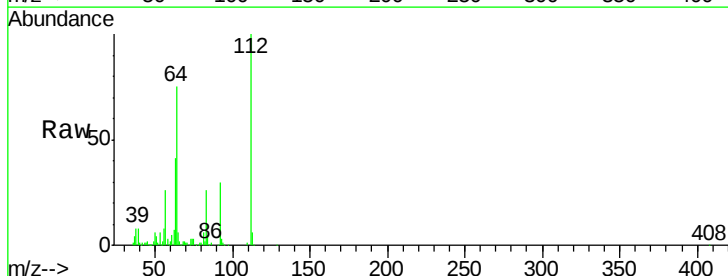
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



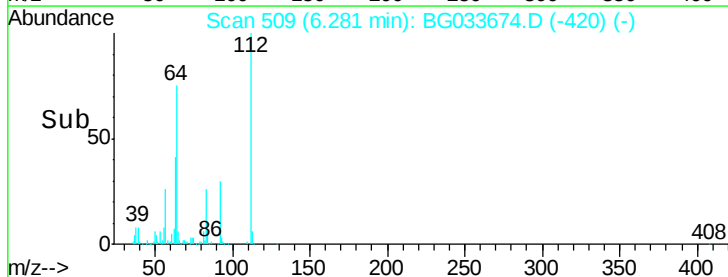
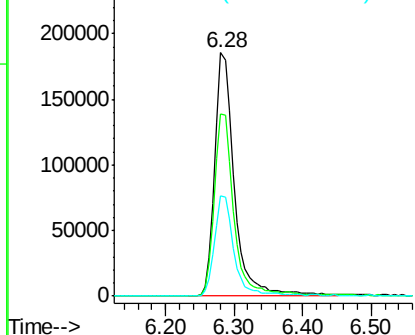
#5

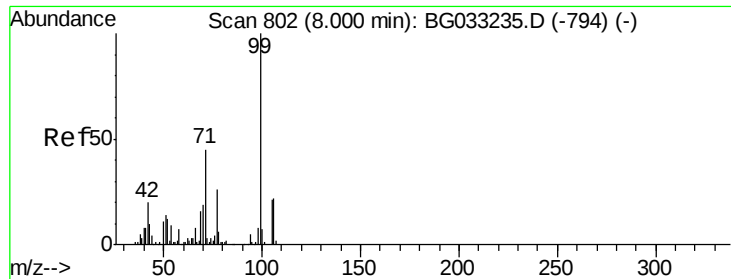
2-Fluorophenol
 Concen: 175.083 ng
 RT: 6.28 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BG033674.D
 Acq: 9 Apr 2018 11:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	56.3	84.5
63	41.3	30.1	45.1



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





#7

Phenol-d6

Concen: 145.647 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033674.D

Acq: 9 Apr 2018 11:00

Instrument :

BNA_G

ClientSampleId :

11984

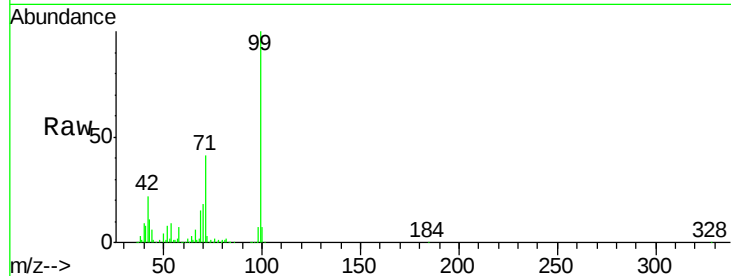
Tot Ion: 99 Resp: 527723

Ion Ratio Lower Upper

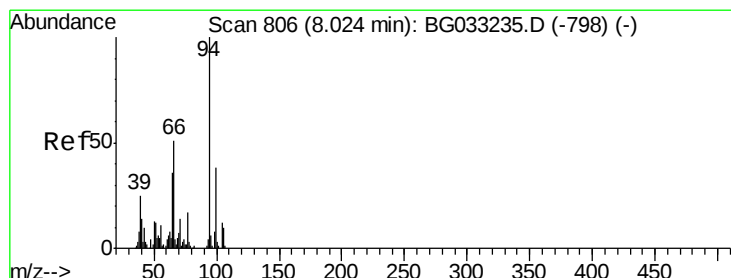
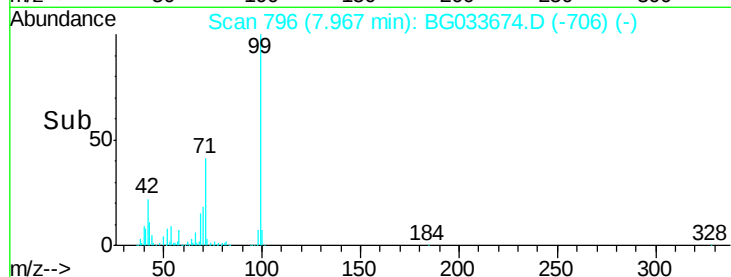
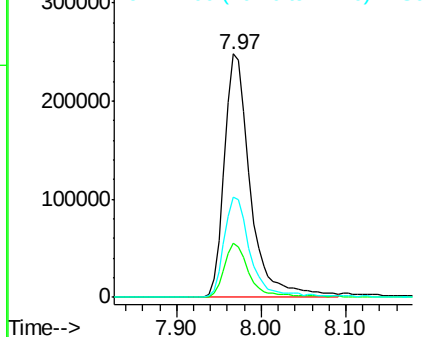
99 100

42 22.0 14.1 21.1#

71 41.2 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: 8.175 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.01 min

Lab File: BG033674.D

Acq: 9 Apr 2018 11:00

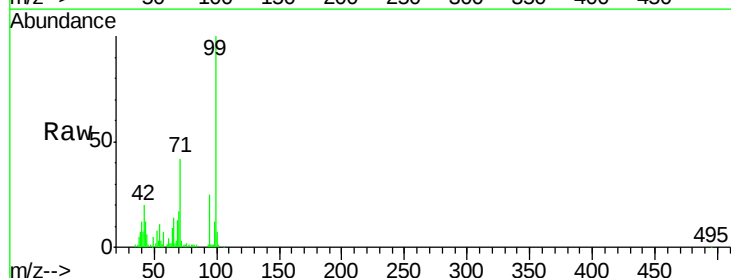
Tgt Ion: 94 Resp: 29245

Ion Ratio Lower Upper

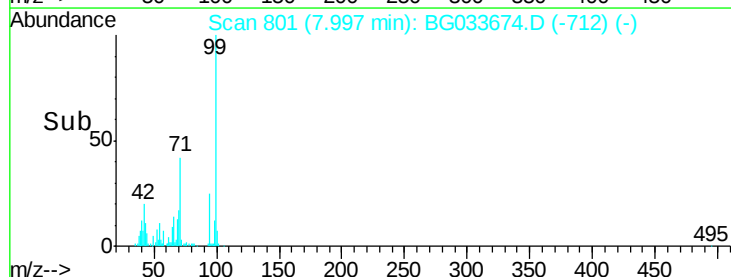
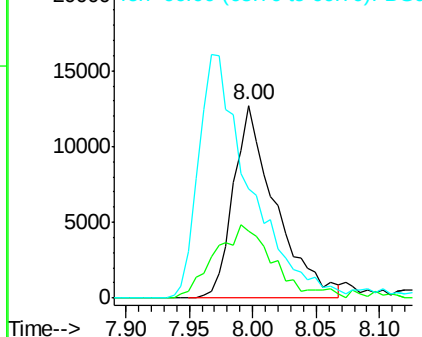
94 100

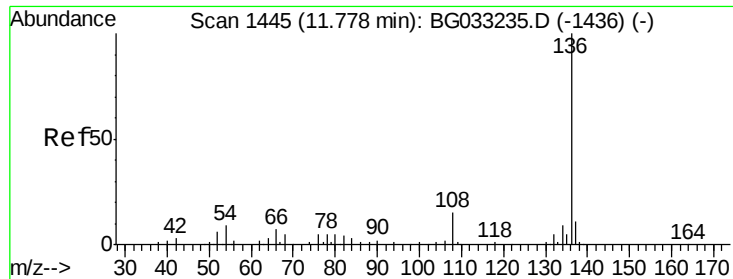
65 34.6 11.9 51.9

66 56.7 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: 11.73 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BG033674.D

Acq: 9 Apr 2018 11:00

Instrument :

BNA_G

ClientSampleId :

11984

Tot Ion:136 Resp: 172923

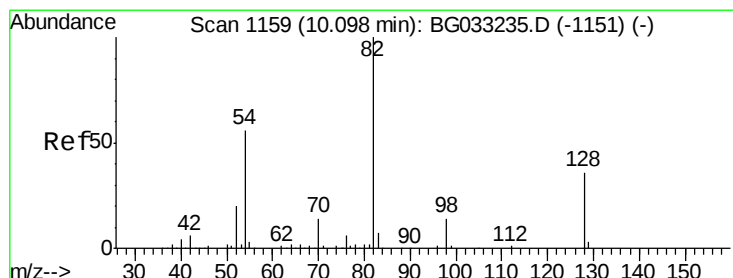
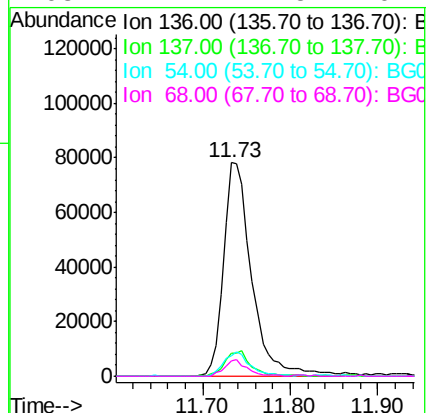
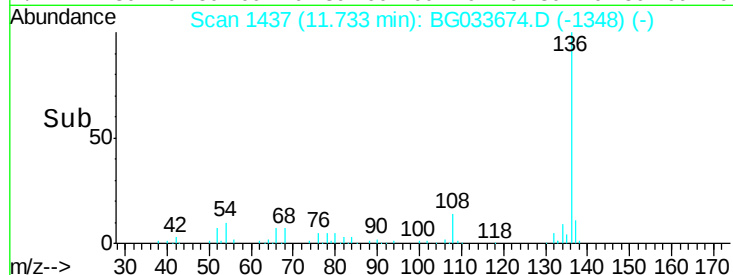
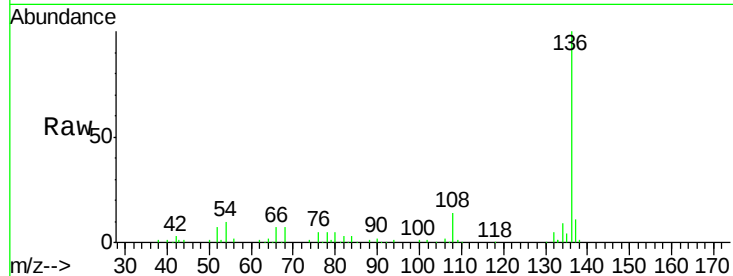
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 9.9 10.3 15.5#

68 7.4 4.5 6.7#



#23

Nitrobenzene-d5

Concen: 91.321 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG033674.D

Acq: 9 Apr 2018 11:00

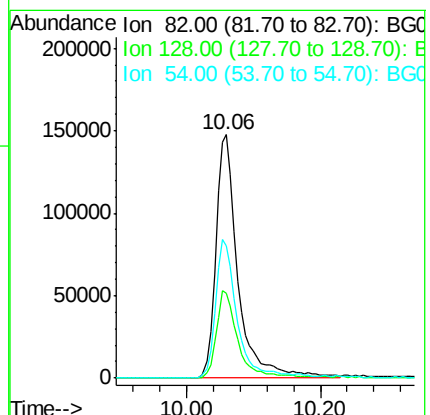
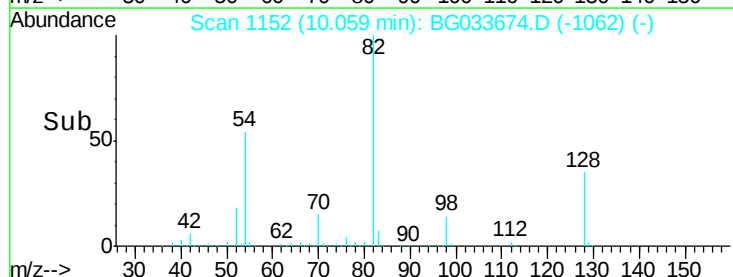
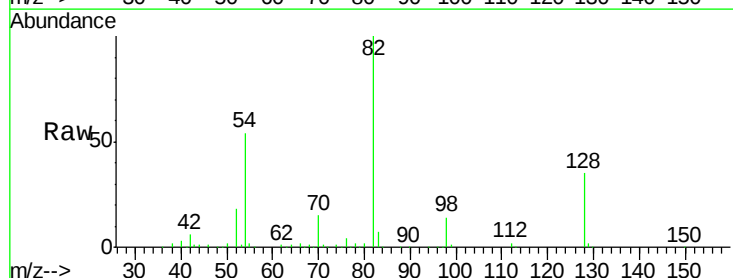
Tgt Ion: 82 Resp: 343710

Ion Ratio Lower Upper

82 100

128 34.7 29.7 44.5

54 54.2 43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BG033674.D

Acq: 9 Apr 2018 11:00

Instrument :

BNA_G

ClientSampleId :

11984

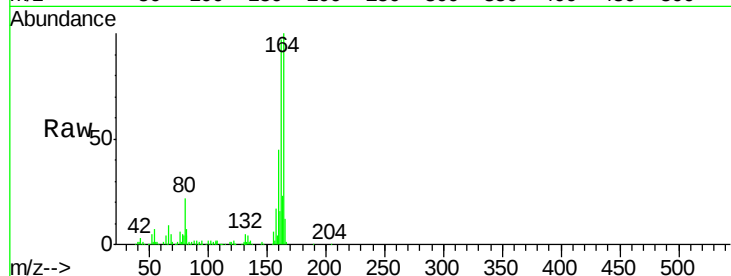
Tot Ion:164 Resp: 120547

Ion Ratio Lower Upper

164 100

162 96.7 78.8 118.2

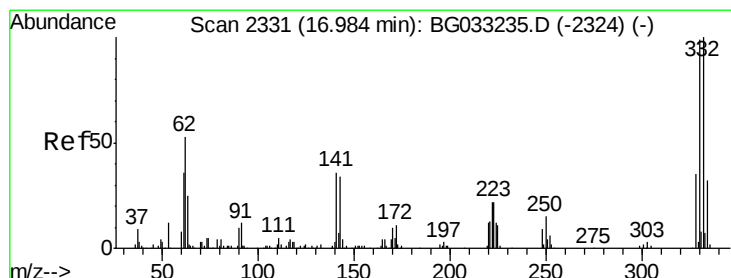
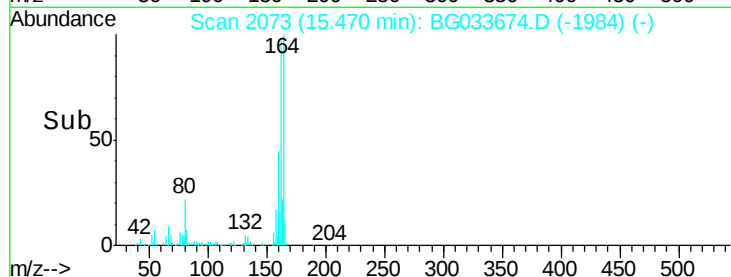
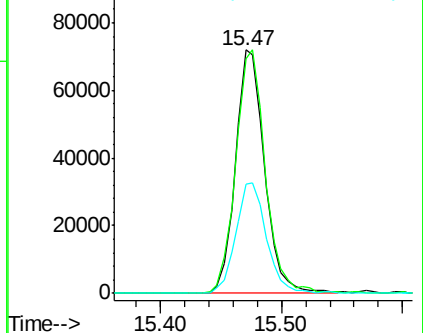
160 44.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 120.407 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BG033674.D

Acq: 9 Apr 2018 11:00

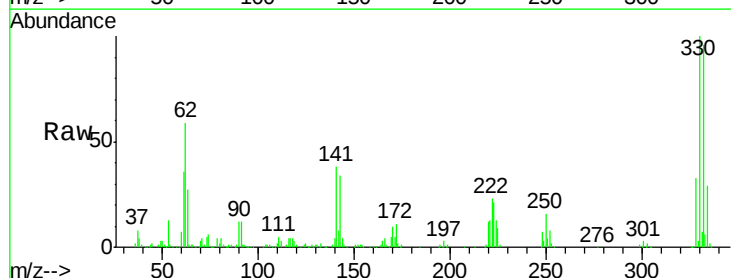
Tgt Ion:330 Resp: 217085

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

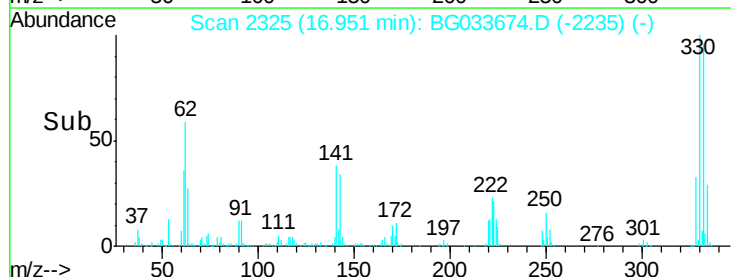
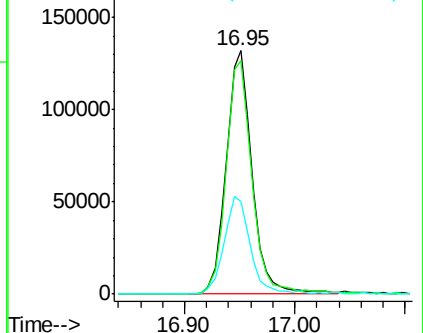
141 40.3 25.2 37.8#



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

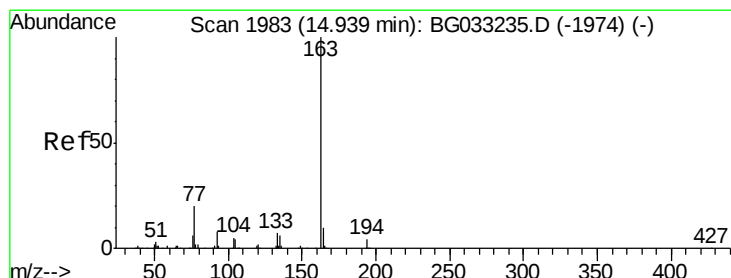
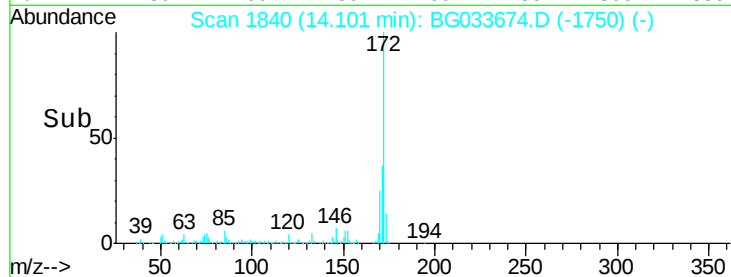
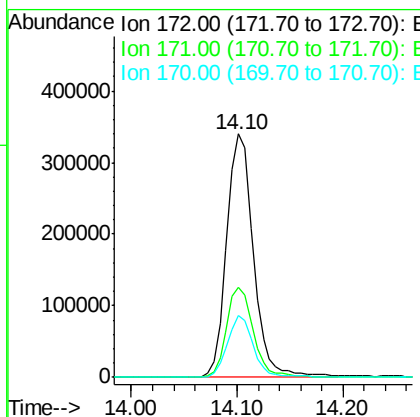
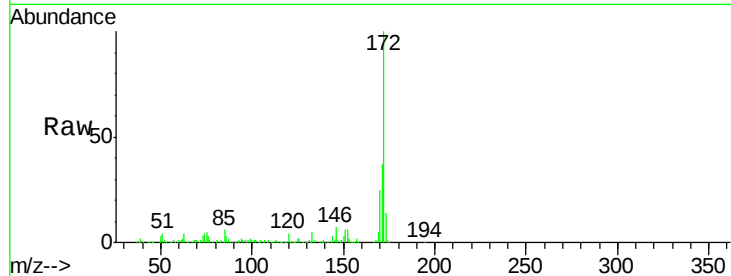




#44
2-Fluorobiphenyl
Concen: 71.536 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG033674.D
Acq: 9 Apr 2018 11:00

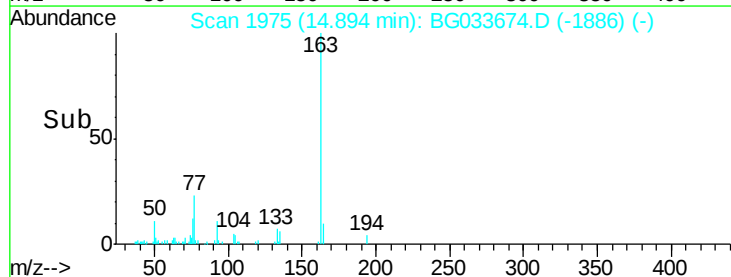
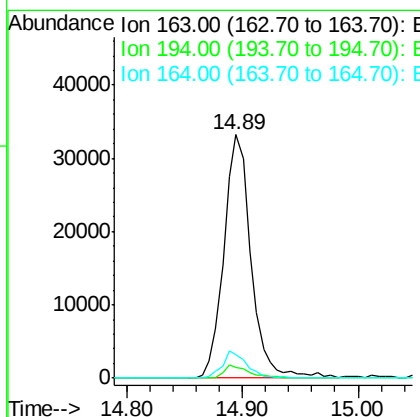
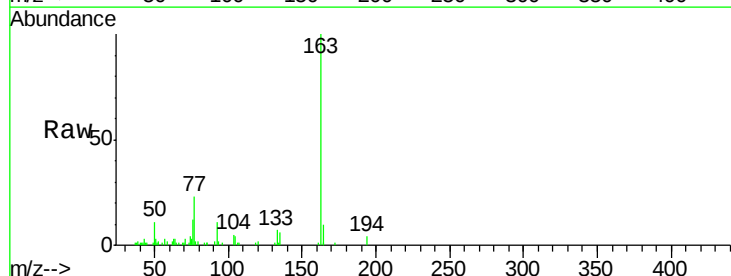
Instrument :
BNA_G
ClientSampleId :
11984

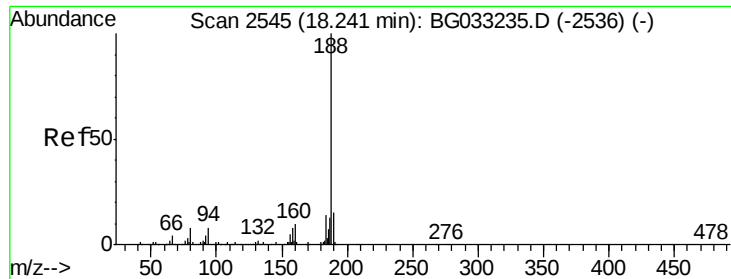
Tot Ion:172 Resp: 597346
Ion Ratio Lower Upper
172 100
171 36.7 30.0 45.0
170 25.3 19.5 29.3



#49
Dimethylphthalate
Concen: 5.159 ng
RT: 14.89 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG033674.D
Acq: 9 Apr 2018 11:00

Tgt Ion:163 Resp: 54119
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.8 8.2 12.4

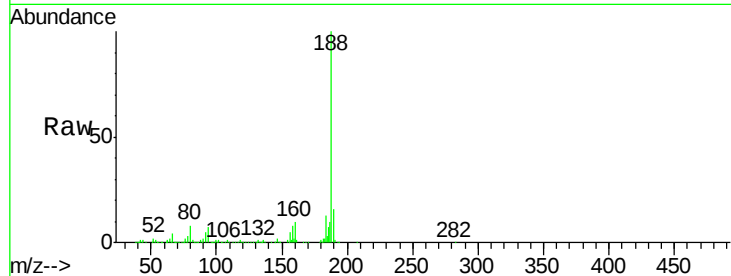




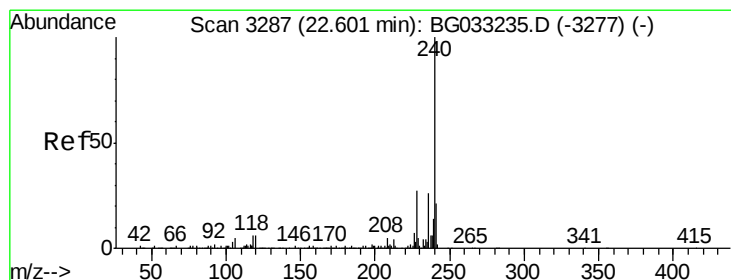
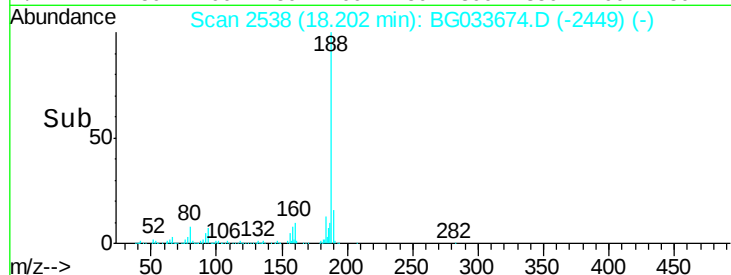
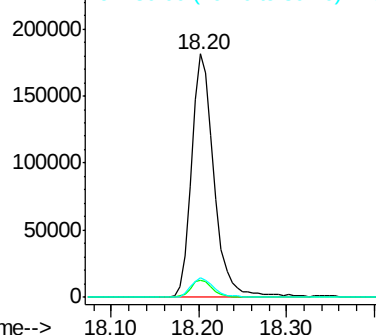
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BG033674.D
Acq: 9 Apr 2018 11:00

Instrument :
BNA_G
ClientSampleId :
11984

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

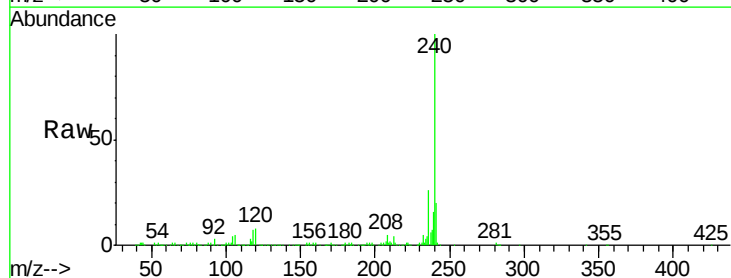


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

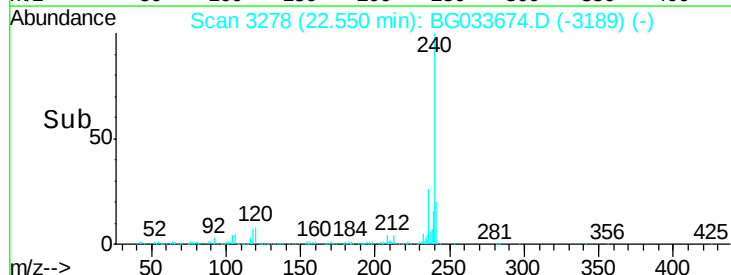
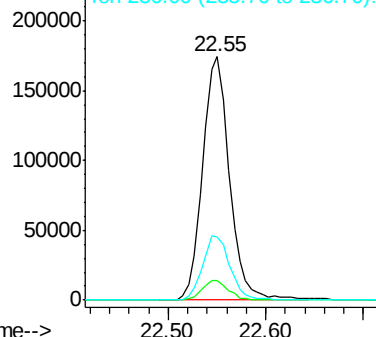


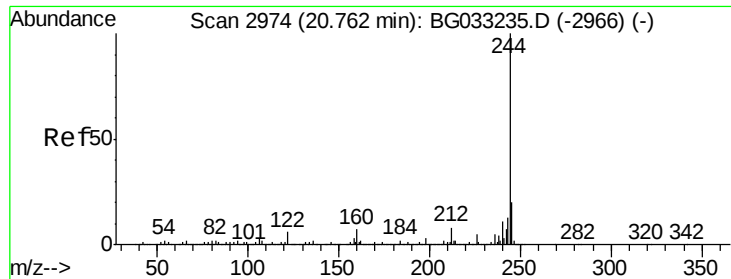
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033674.D
Acq: 9 Apr 2018 11:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.8	10.2
236	26.1	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: 76.627 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033674.D

Acq: 9 Apr 2018 11:00

Instrument :

BNA_G

ClientSampleId :

11984

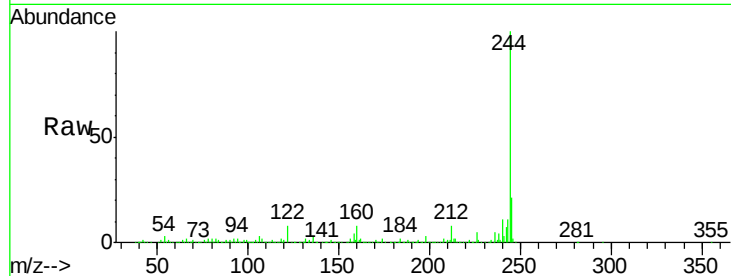
Tot Ion:244 Resp: 1198149

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

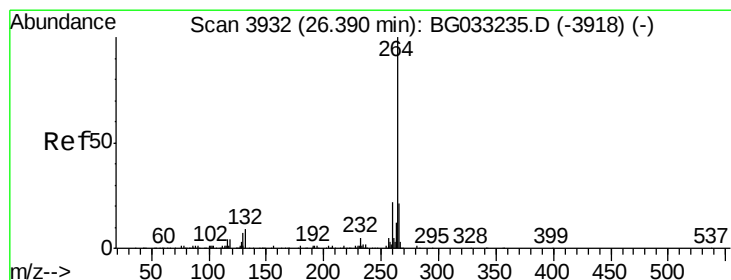
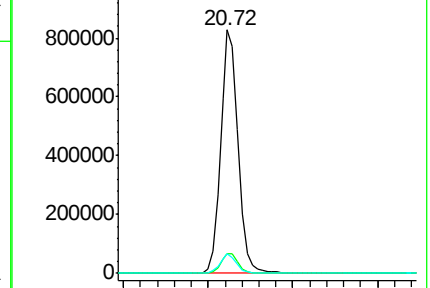
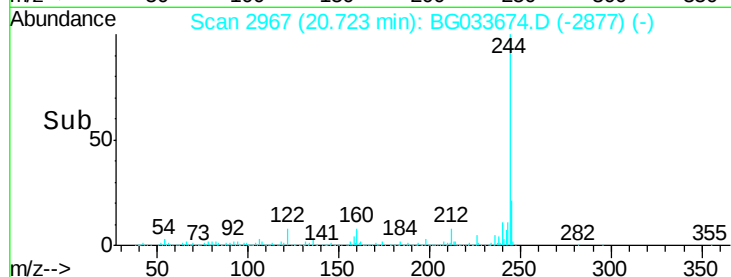
122 8.0 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.30 min Scan# 3917

Delta R.T. -0.02 min

Lab File: BG033674.D

Acq: 9 Apr 2018 11:00

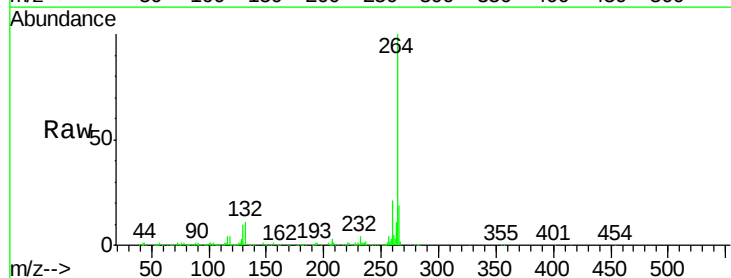
Tgt Ion:264 Resp: 353219

Ion Ratio Lower Upper

264 100

260 21.4 17.4 26.0

265 19.4 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

