

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
 Data File : BG032687.D
 Acq On : 14 Feb 2018 18:53
 Operator : SJ/JU
 Sample : J1540-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-4-LINE-SW@2.5

Quant Time: Feb 15 04:06:56 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

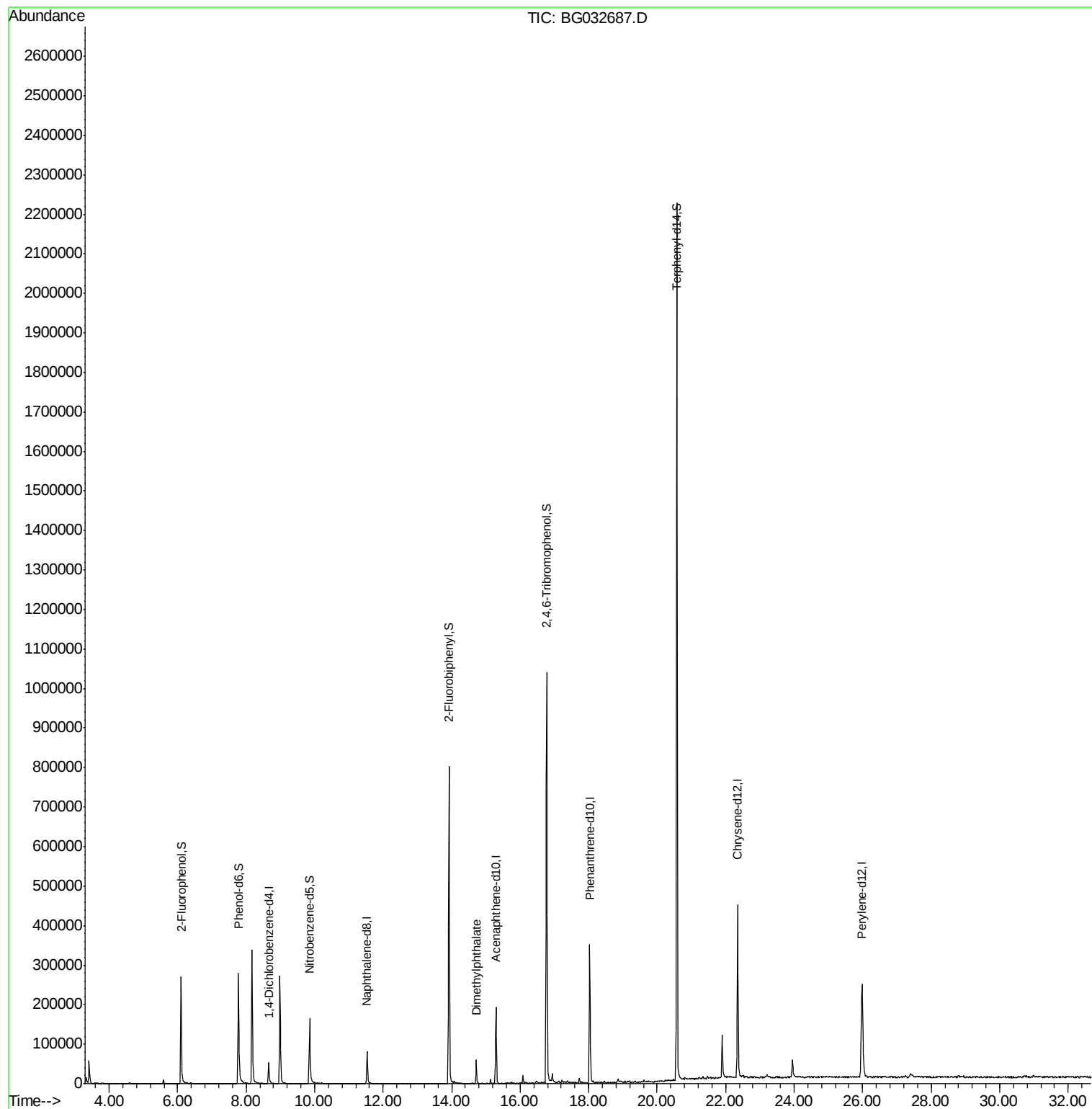
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	18656	20.00	ng	-0.02
21) Naphthalene-d8	11.53	136	87953	20.00	ng	-0.01
38) Acenaphthene-d10	15.29	164	80385	20.00	ng	-0.02
63) Phenanthrene-d10	18.03	188	261692	20.00	ng	-0.01
75) Chrysene-d12	22.35	240	333840	20.00	ng	-0.02
86) Perylene-d12	25.98	264	342860	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	148754	159.98	ng	-0.01
7) Phenol-d6	7.77	99	191085	150.29	ng	-0.02
23) Nitrobenzene-d5	9.85	82	123054	88.92	ng	-0.02
41) 2,4,6-Tribromophenol	16.77	330	233458	188.61	ng	-0.02
44) 2-Fluorobiphenyl	13.92	172	495571	77.09	ng	-0.02
78) Terphenyl-d14	20.58	244	1247048	85.14	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.72	163	41985	6.042	ng	Qvalue # 96

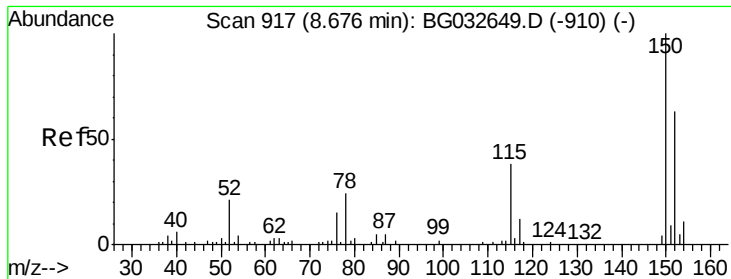
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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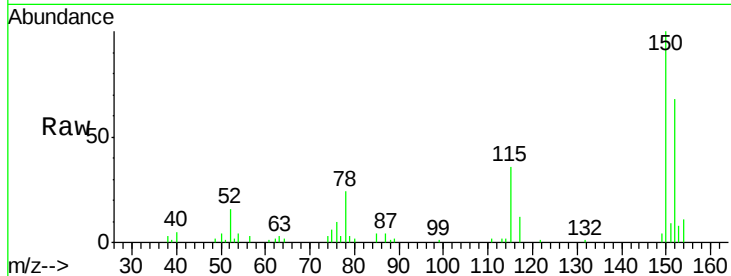


#1

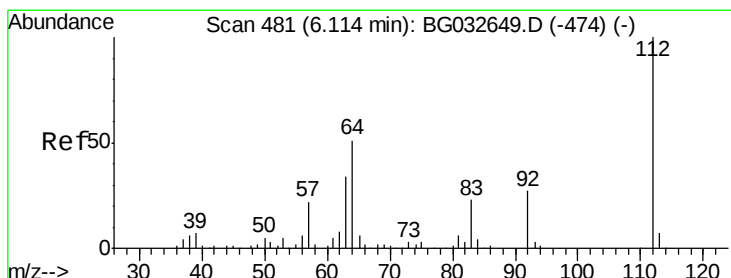
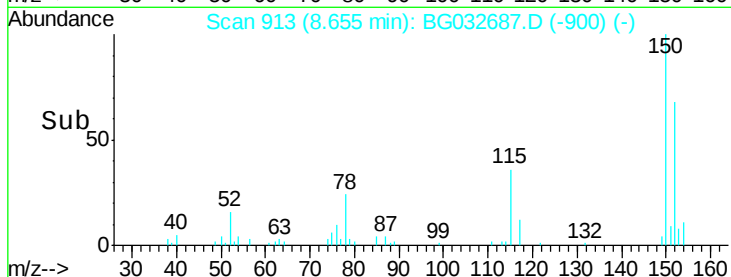
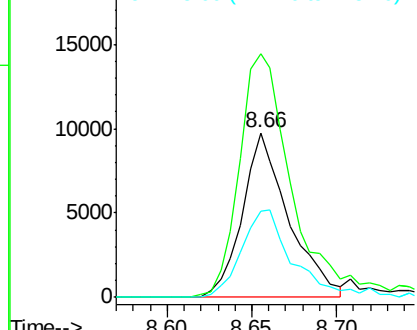
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.66 min Scan# 913
Delta R.T. -0.02 min
Lab File: BG032687.D
Acq: 14 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
CB-4-LINE-SW@2.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.7	126.6	189.8
115	52.5	53.0	79.4



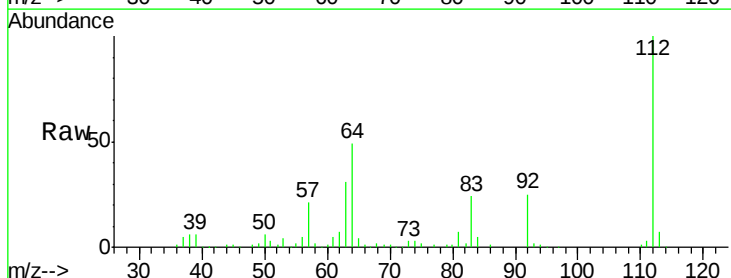
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



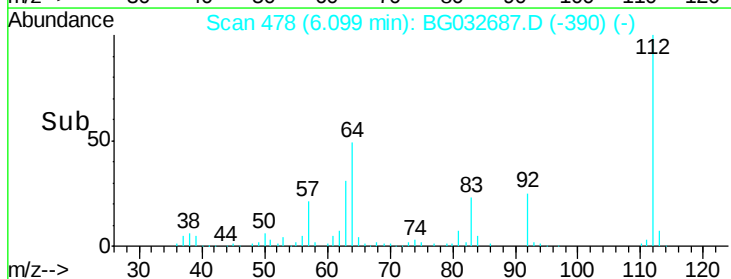
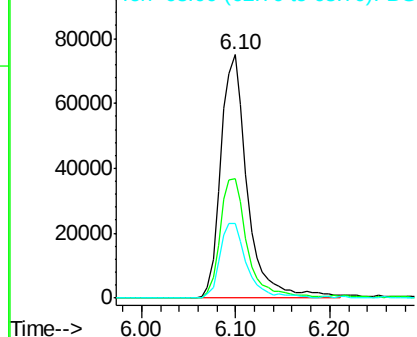
#5

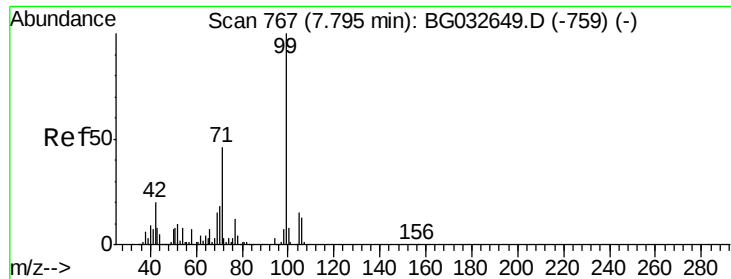
2-Fluorophenol
Concen: 159.977 ng
RT: 6.10 min Scan# 478
Delta R.T. -0.01 min
Lab File: BG032687.D
Acq: 14 Feb 2018 18:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.2	56.3	84.5
63	30.5	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: 150.287 ng

RT: 7.77 min Scan# 763

Delta R.T. -0.02 min

Lab File: BG032687.D

Acq: 14 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

CB-4-LINE-SW@2.5

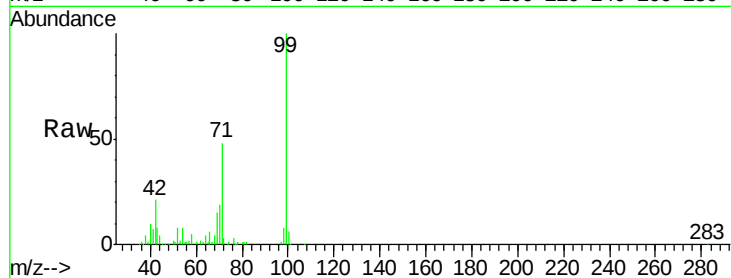
Tot Ion: 99 Resp: 191085

Ion Ratio Lower Upper

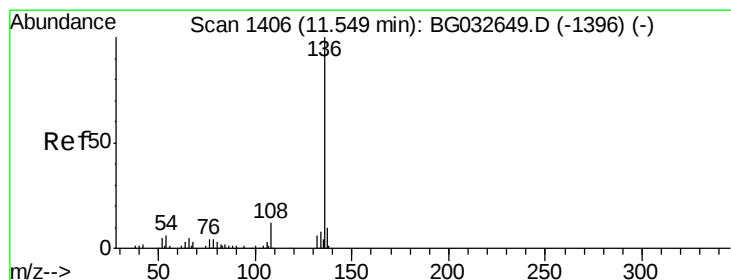
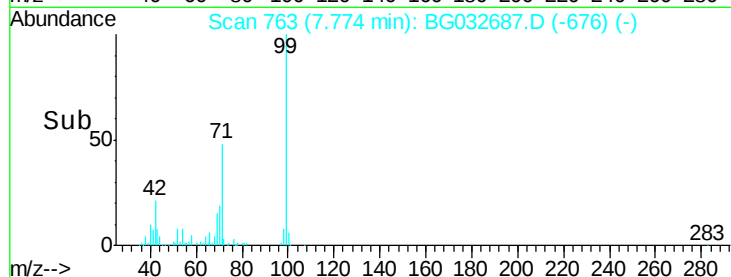
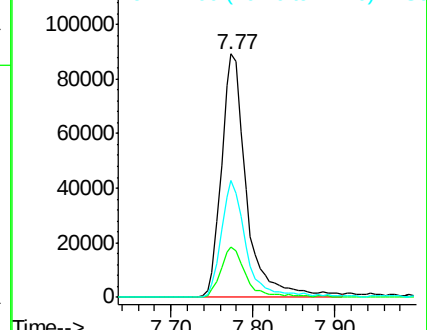
99 100

42 20.5 14.1 21.1

71 47.9 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: 11.53 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BG032687.D

Acq: 14 Feb 2018 18:53

Tgt Ion: 136 Resp: 87953

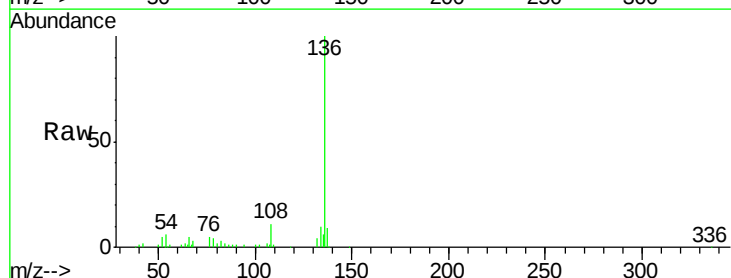
Ion Ratio Lower Upper

136 100

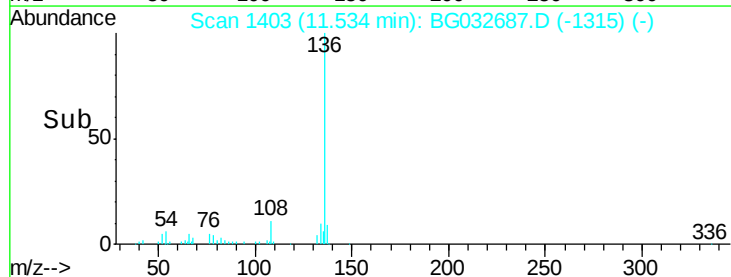
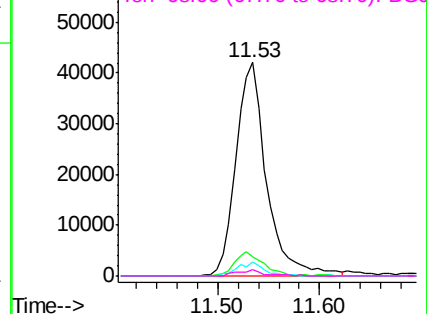
137 9.2 9.2 13.8#

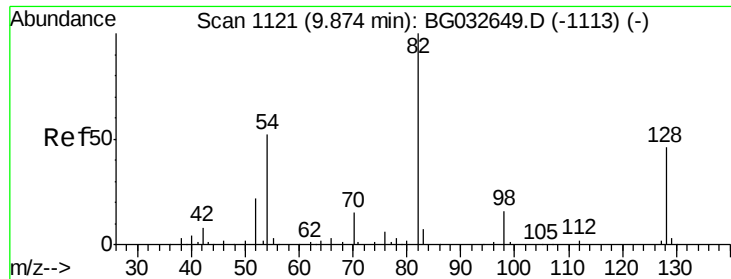
54 6.7 10.3 15.5#

68 2.9 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

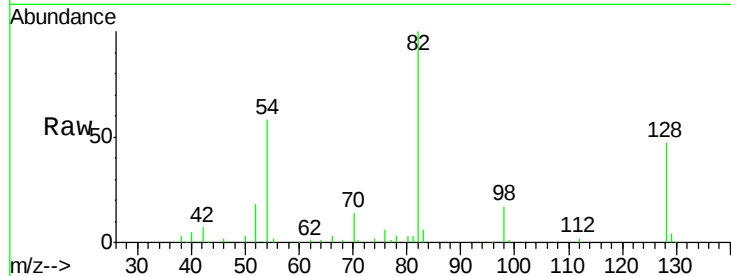




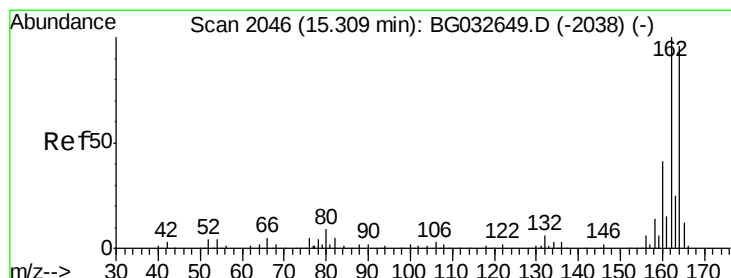
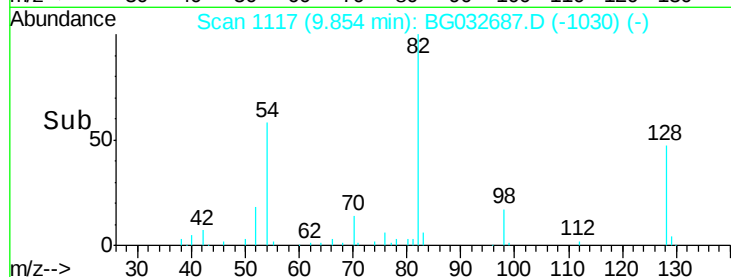
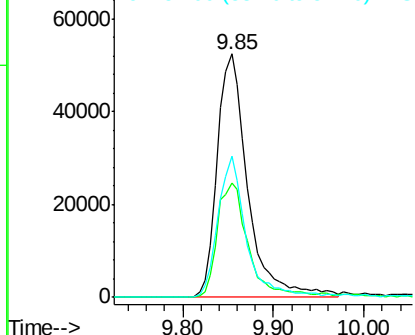
#23
Nitrobenzene-d5
Concen: 88.919 ng
RT: 9.85 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BG032687.D
Acq: 14 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
CB-4-LINE-SW@2.5

Tot Ion	82	Resp	123054
Ion Ratio	100	Lower	Upper
128	46.9	29.7	44.5#
54	58.1	43.1	64.7

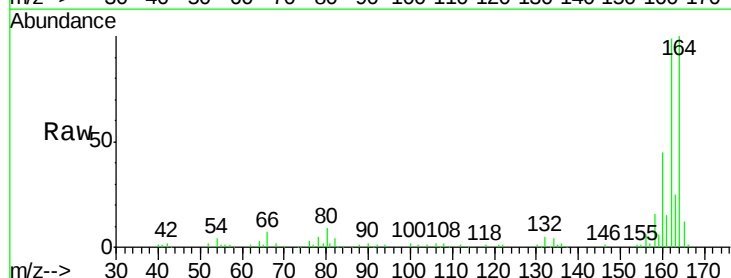


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

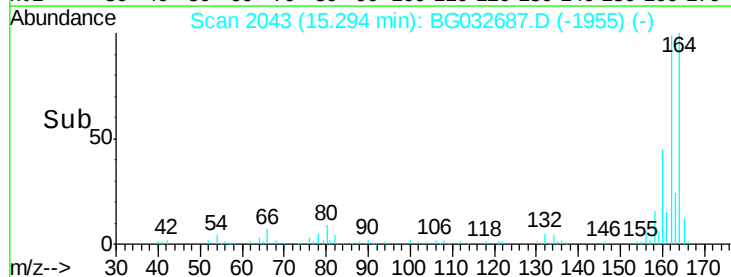
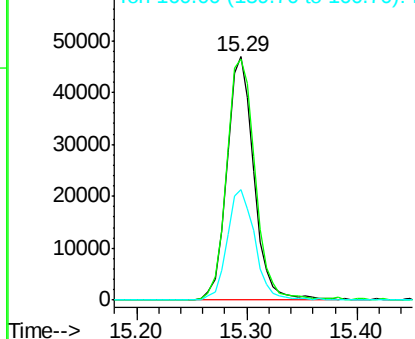


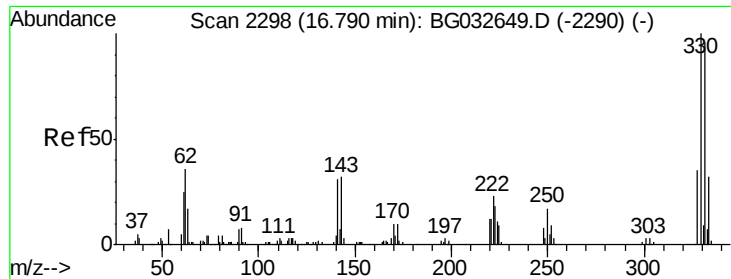
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.29 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG032687.D
Acq: 14 Feb 2018 18:53

Tgt Ion	164	Resp	80385
Ion Ratio	100	Lower	Upper
162	98.8	78.8	118.2
160	45.4	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

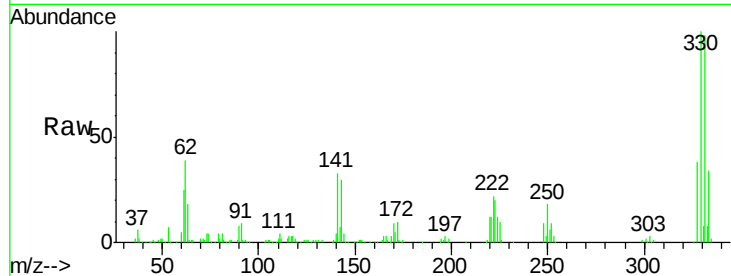




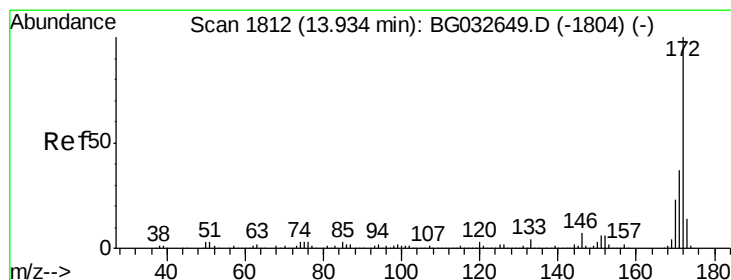
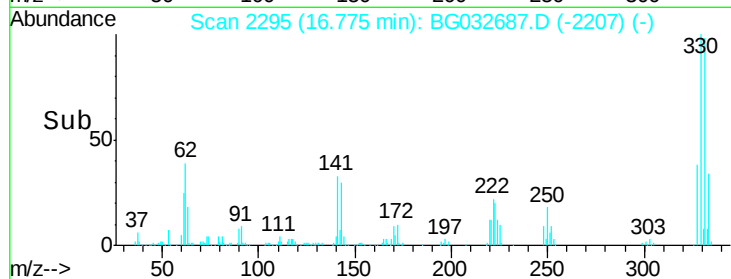
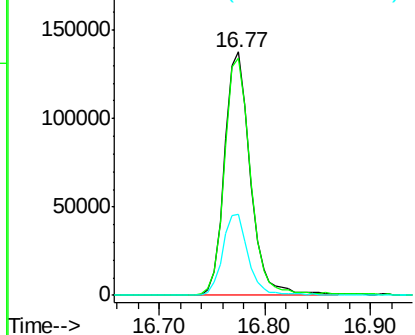
#41
 2,4,6-Tribromophenol
 Concen: 188.613 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.02 min
 Lab File: BG032687.D
 Acq: 14 Feb 2018 18:53

Instrument :
 BNA_G
 ClientSampleId :
 CB-4-LINE-SW@2.5

Tot Ion:330 Resp: 233458
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 33.3 25.2 37.8

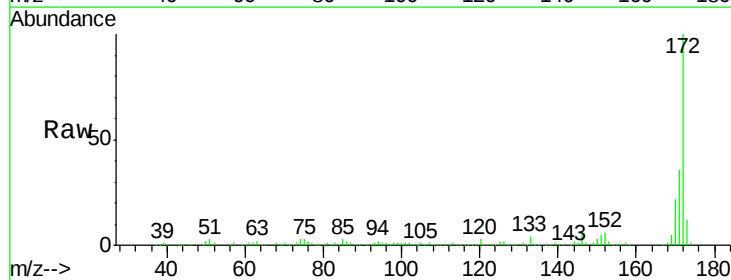


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

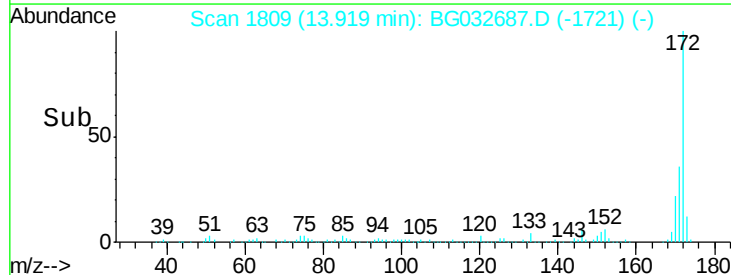
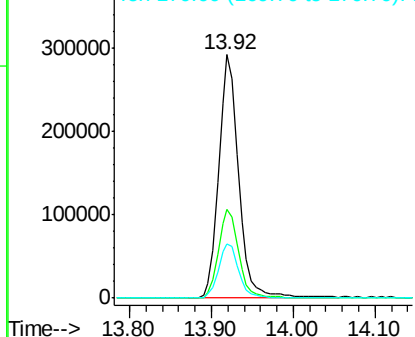


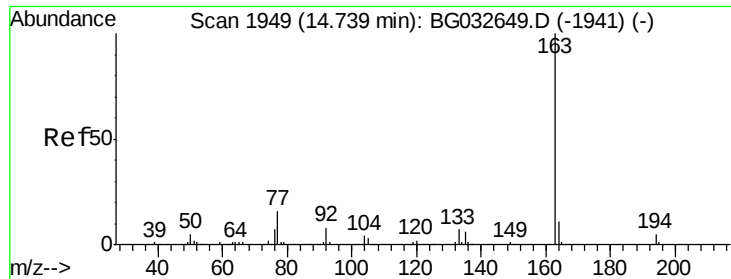
#44
 2-Fluorobiphenyl
 Concen: 77.095 ng
 RT: 13.92 min Scan# 1809
 Delta R.T. -0.02 min
 Lab File: BG032687.D
 Acq: 14 Feb 2018 18:53

Tgt Ion:172 Resp: 495571
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.0 45.0
 170 22.1 19.5 29.3



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





#49

Dimethylphthalate

Concen: 6.042 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BG032687.D

Acq: 14 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

CB-4-LINE-SW@2.5

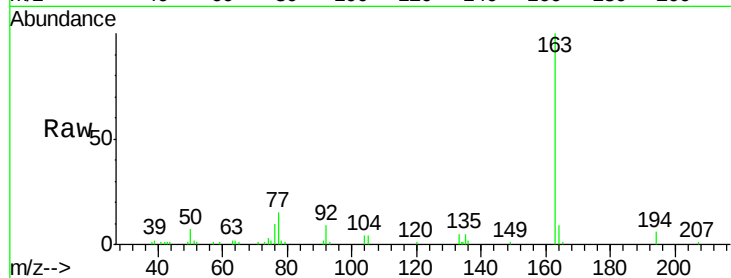
Tot Ion:163 Resp: 41985

Ion Ratio Lower Upper

163 100

194 6.0 3.4 5.2#

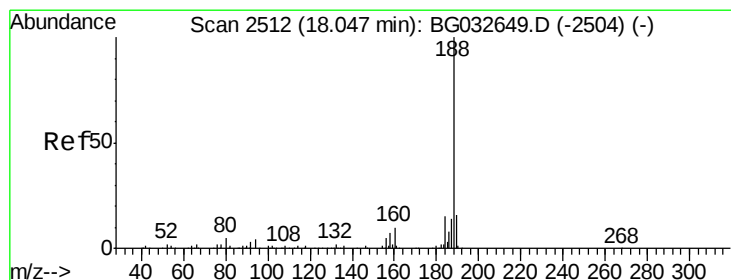
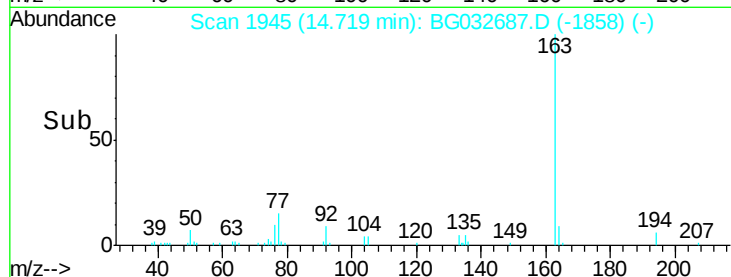
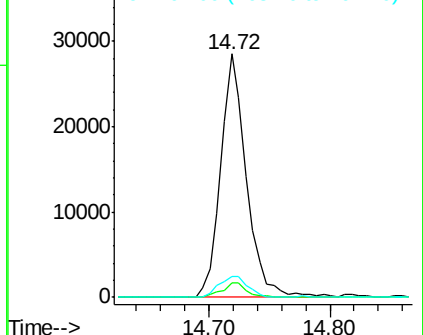
164 8.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.03 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG032687.D

Acq: 14 Feb 2018 18:53

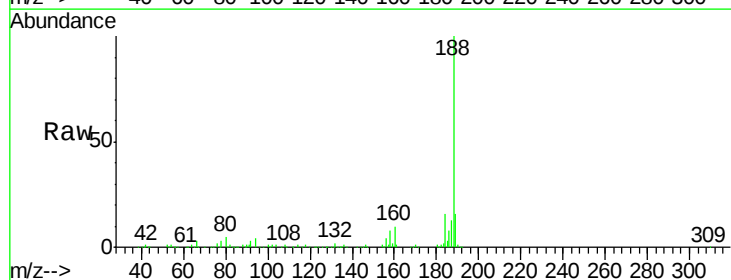
Tgt Ion:188 Resp: 261692

Ion Ratio Lower Upper

188 100

94 4.5 6.9 10.3#

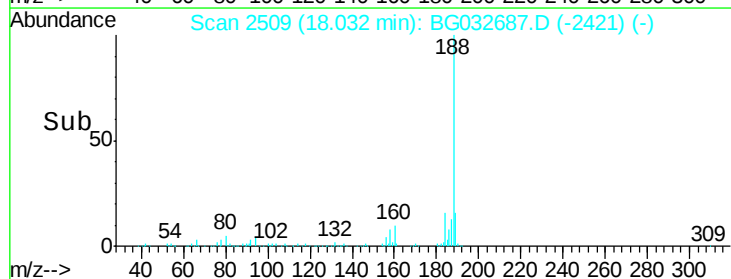
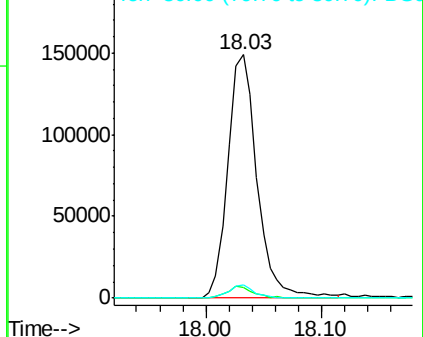
80 5.3 7.7 11.5#

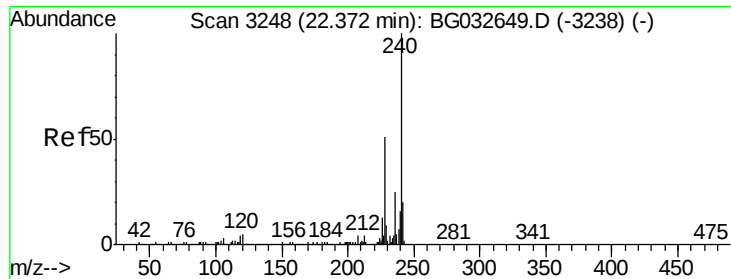


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.35 min Scan# 3244

Delta R.T. -0.02 min

Lab File: BG032687.D

Acq: 14 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

CB-4-LINE-SW@2.5

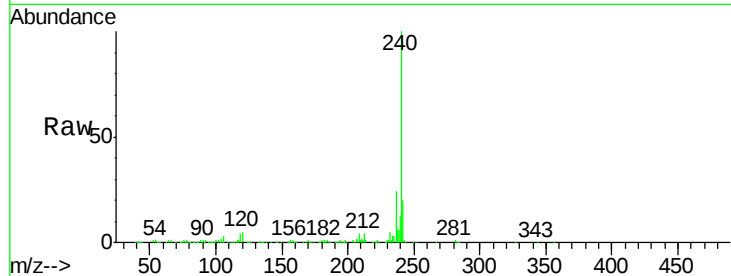
Tot Ion:240 Resp: 333840

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

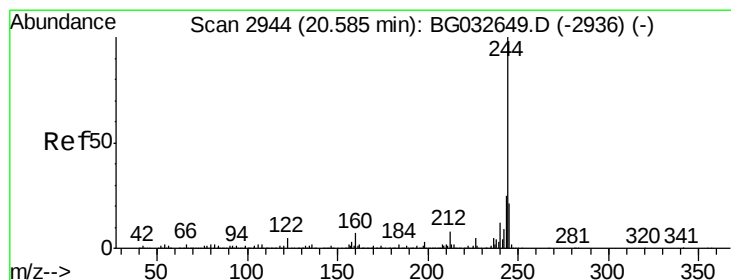
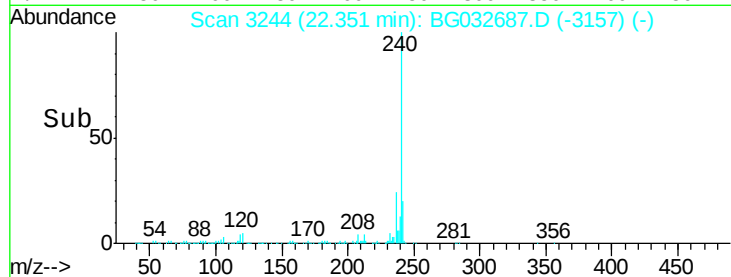
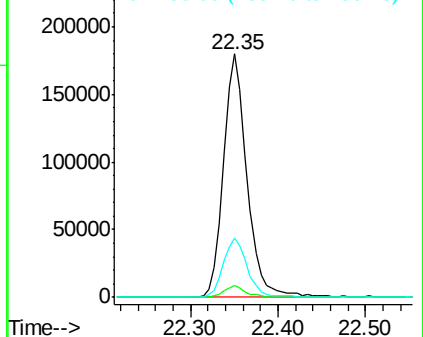
236 24.2 20.9 31.3



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: 85.139 ng

RT: 20.58 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG032687.D

Acq: 14 Feb 2018 18:53

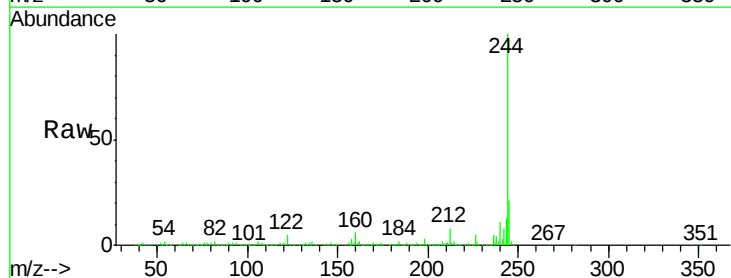
Tgt Ion:244 Resp: 1247048

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

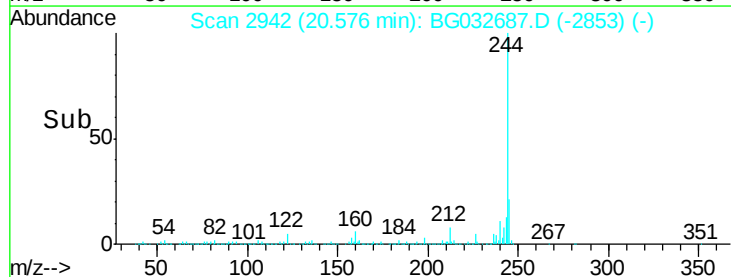
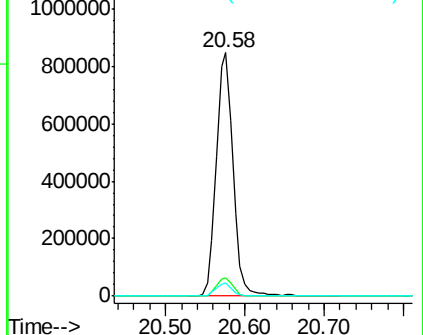
122 5.3 7.0 10.4#

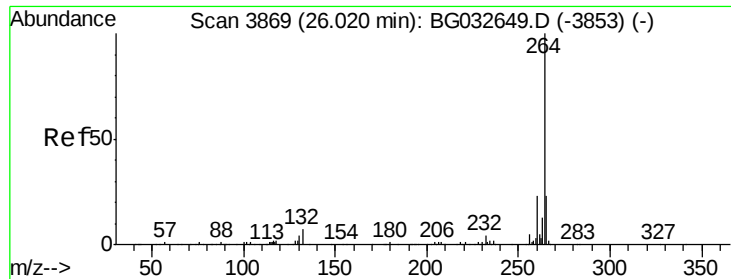


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

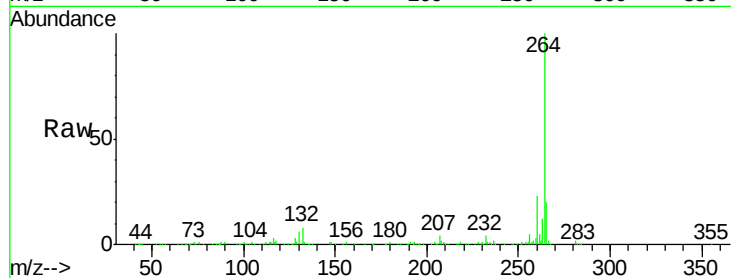




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.98 min Scan# 3862
Delta R.T. -0.04 min
Lab File: BG032687.D
Acq: 14 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
CB-4-LINE-SW@2.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	20.4	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

