

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
 Data File : BG032664.D
 Acq On : 13 Feb 2018 17:20
 Operator : SJ/JU
 Sample : J1517-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CO-W

Quant Time: Feb 14 03:19:32 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

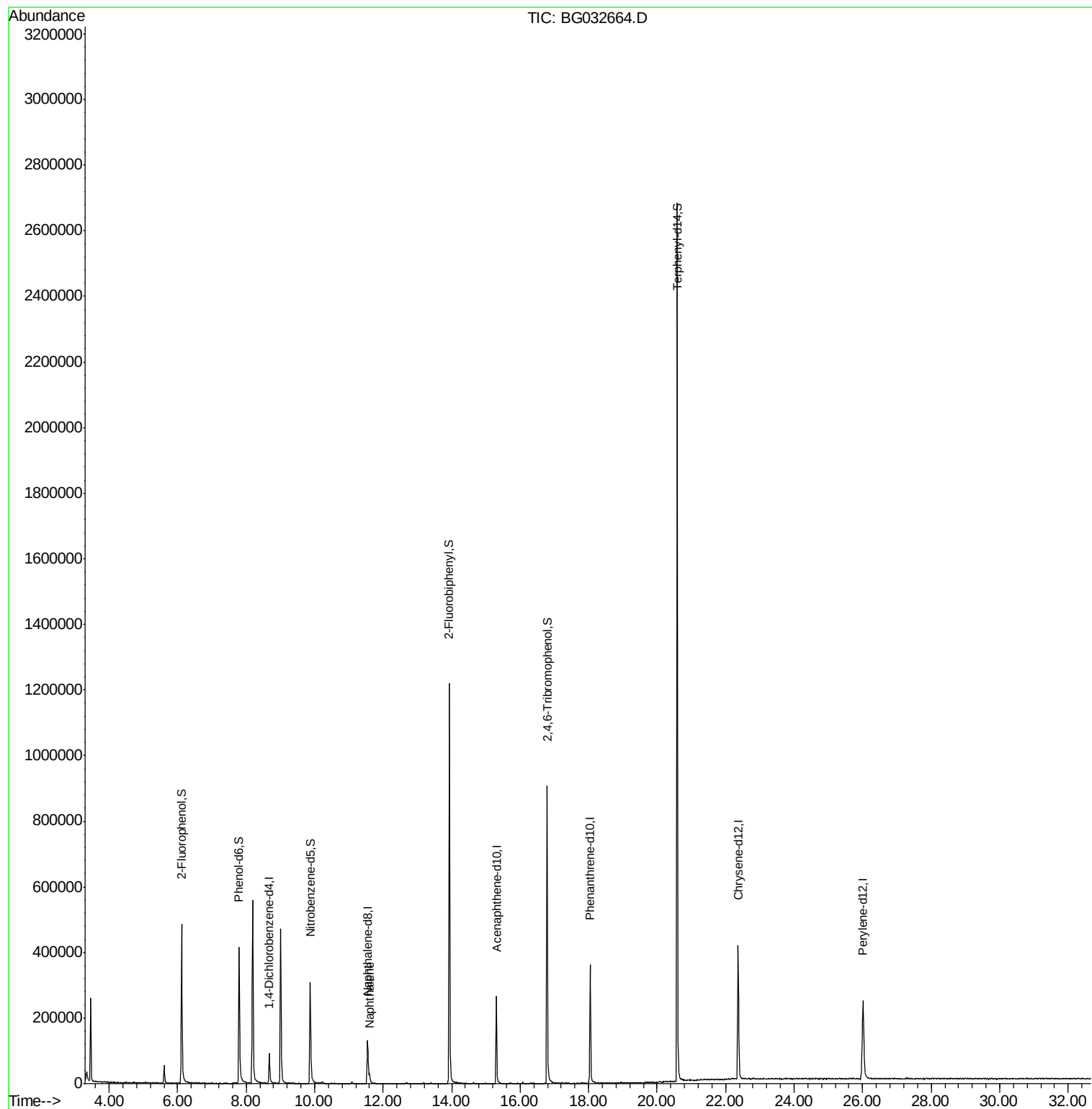
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	34976	20.00	ng	0.00
21) Naphthalene-d8	11.55	136	144247	20.00	ng	0.00
38) Acenaphthene-d10	15.31	164	103110	20.00	ng	0.00
63) Phenanthrene-d10	18.04	188	272070	20.00	ng	0.00
75) Chrysene-d12	22.36	240	350111	20.00	ng	0.00
86) Perylene-d12	26.01	264	352313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	249741	143.26	ng	0.00
7) Phenol-d6	7.79	99	280206	117.55	ng	0.00
23) Nitrobenzene-d5	9.87	82	225787	99.48	ng	0.00
41) 2,4,6-Tribromophenol	16.79	330	205317	129.32	ng	0.00
44) 2-Fluorobiphenyl	13.93	172	750565	91.03	ng	0.00
78) Terphenyl-d14	20.59	244	1517043	98.76	ng	0.00
Target Compounds						
31) Naphthalene	11.60	128	28896	4.126	ng	Qvalue # 93

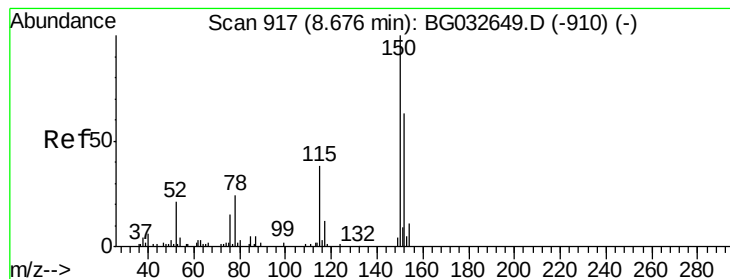
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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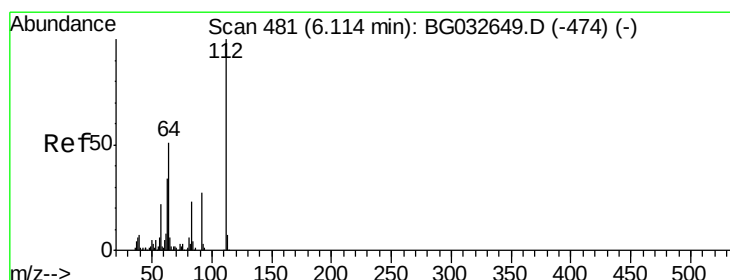
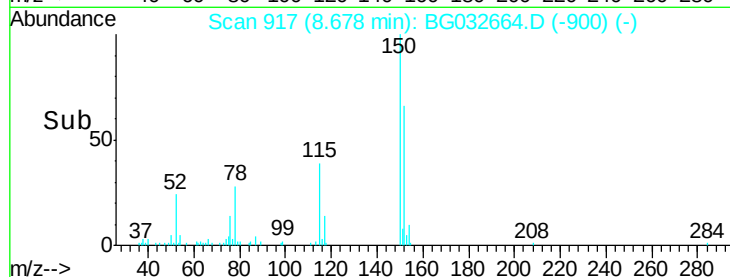
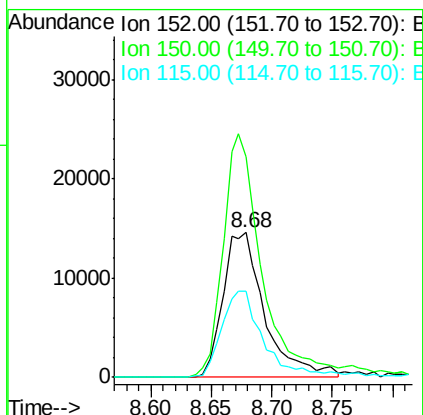
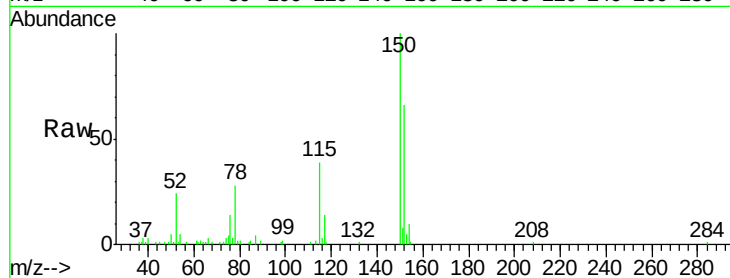


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.68 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG032664.D
Acq: 13 Feb 2018 17:20

Instrument :
BNA_G
ClientSampleId :
CO-W

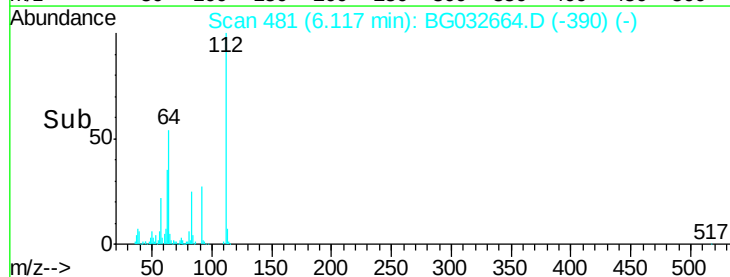
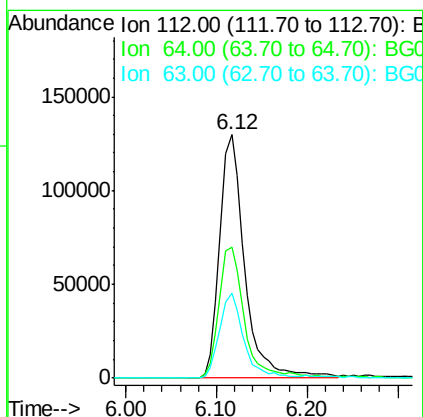
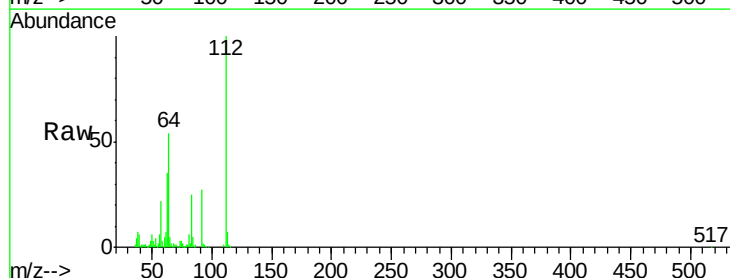
Tot Ion:152 Resp: 34976
Ion Ratio Lower Upper
152 100
150 152.3 126.6 189.8
115 59.7 53.0 79.4

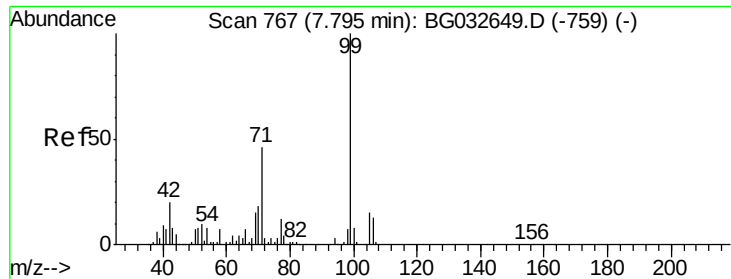


#5

2-Fluorophenol
Concen: 143.260 ng
RT: 6.12 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG032664.D
Acq: 13 Feb 2018 17:20

Tgt Ion:112 Resp: 249741
Ion Ratio Lower Upper
112 100
64 53.9 56.3 84.5#
63 34.8 30.1 45.1





#7

Phenol-d6

Concen: 117.549 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG032664.D

Acq: 13 Feb 2018 17:20

Instrument :

BNA_G

ClientSampleId :

CO-W

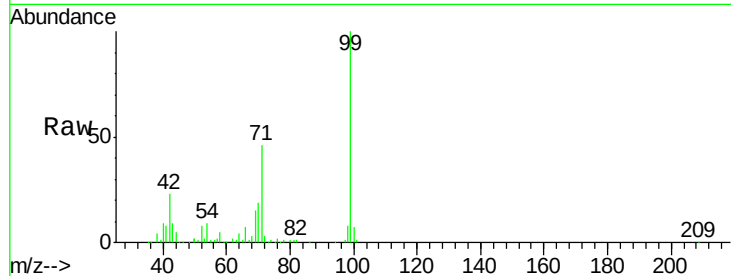
Tot Ion: 99 Resp: 280206

Ion Ratio Lower Upper

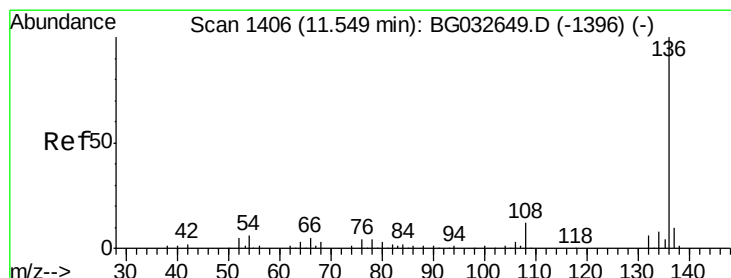
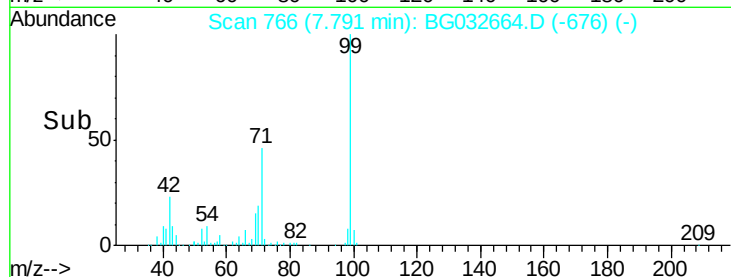
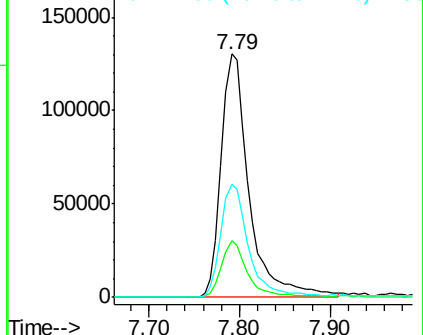
99 100

42 23.4 14.1 21.1#

71 46.4 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: 11.55 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BG032664.D

Acq: 13 Feb 2018 17:20

Tgt Ion: 136 Resp: 144247

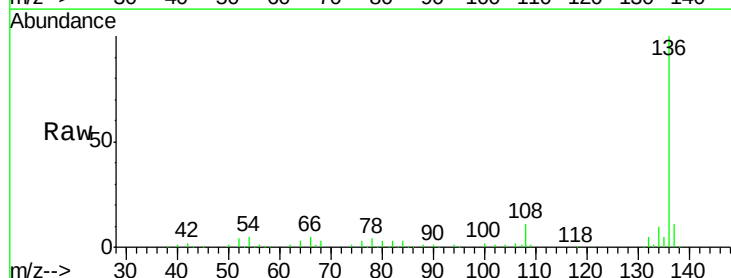
Ion Ratio Lower Upper

136 100

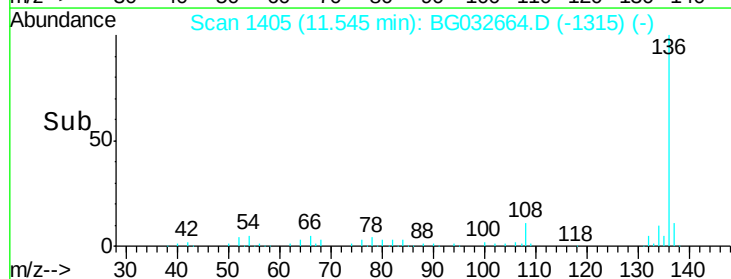
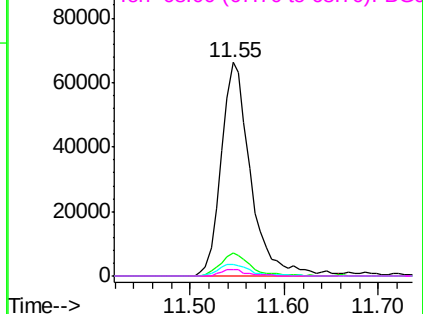
137 10.7 9.2 13.8

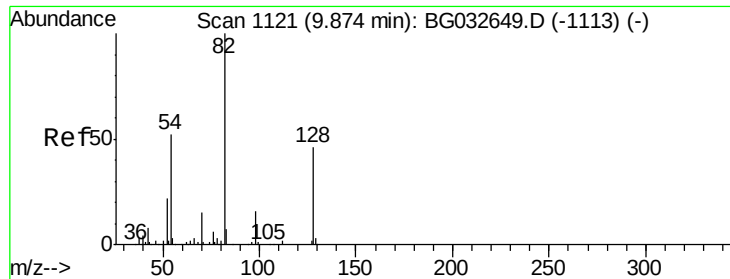
54 5.2 10.3 15.5#

68 2.7 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

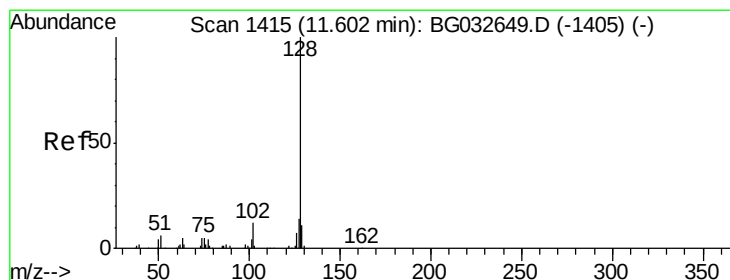
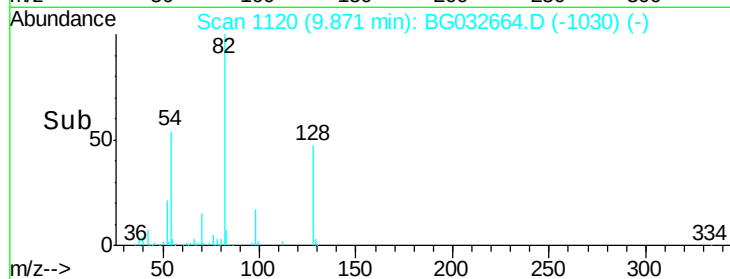
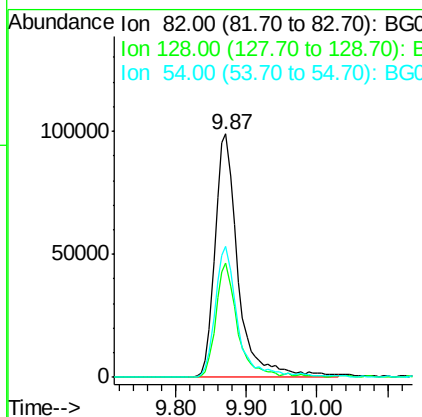
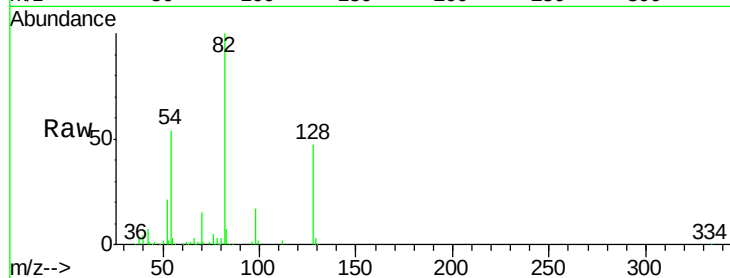




#23
 Nitrobenzene-d5
 Concen: 99.482 ng
 RT: 9.87 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BG032664.D
 Acq: 13 Feb 2018 17:20

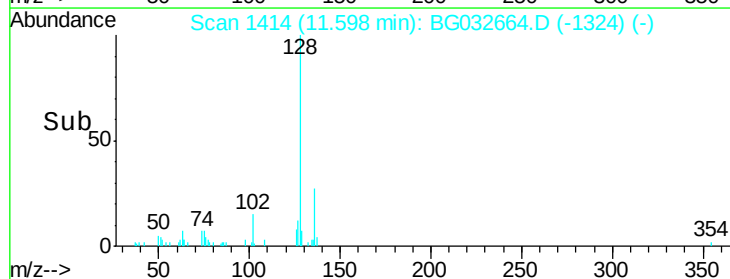
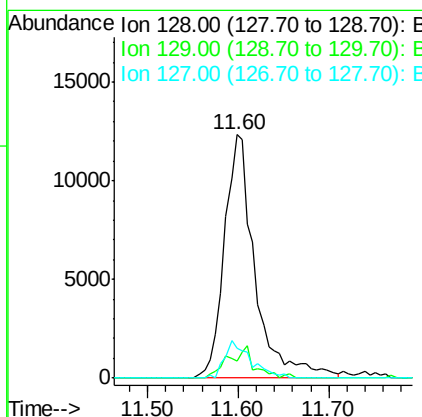
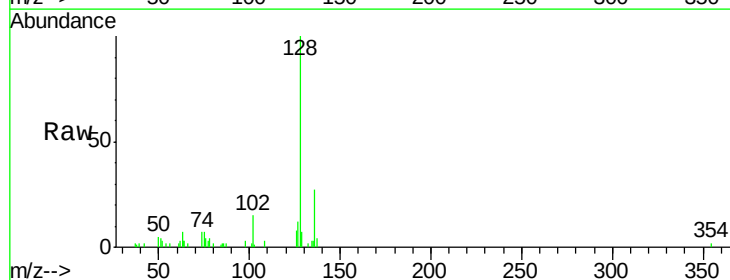
Instrument :
 BNA_G
 ClientSampleId :
 CO-W

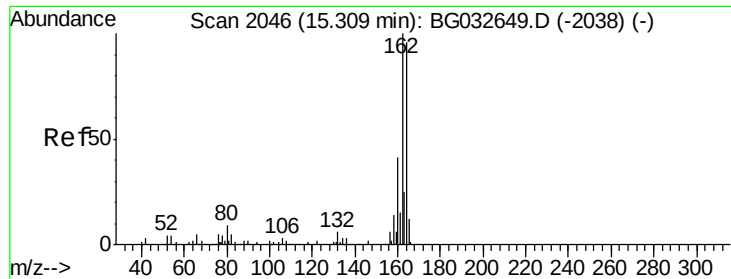
Tot Ion	82	Resp	225787
Ion Ratio	Lower	Upper	
82	100		
128	46.8	29.7	44.5#
54	54.0	43.1	64.7



#31
 Naphthalene
 Concen: 4.126 ng
 RT: 11.60 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BG032664.D
 Acq: 13 Feb 2018 17:20

Tgt Ion	128	Resp	28896
Ion Ratio	Lower	Upper	
128	100		
129	7.0	8.6	12.8#
127	12.3	11.6	17.4

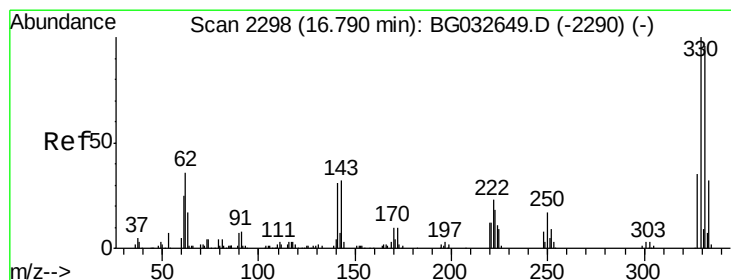
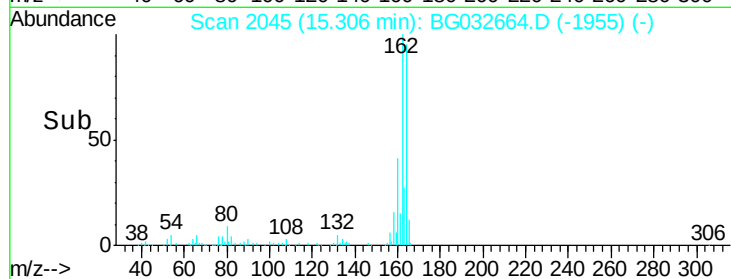
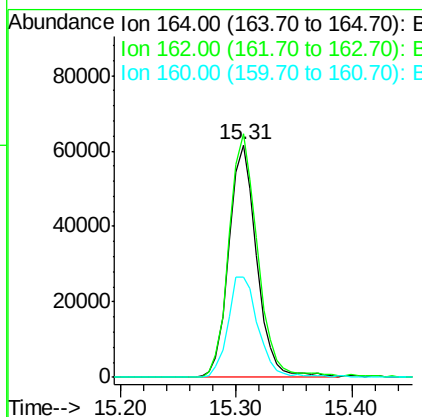
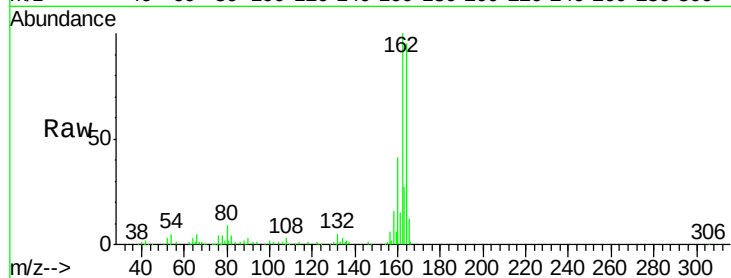




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.31 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BG032664.D
Acq: 13 Feb 2018 17:20

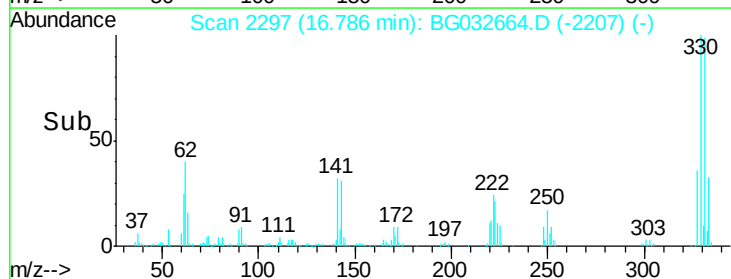
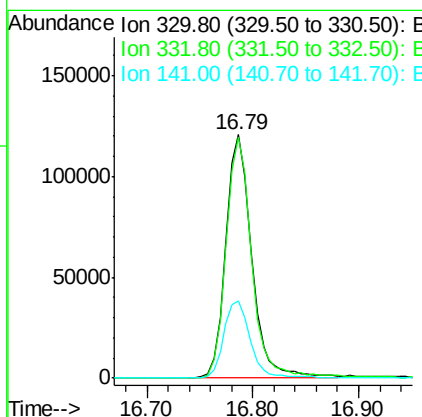
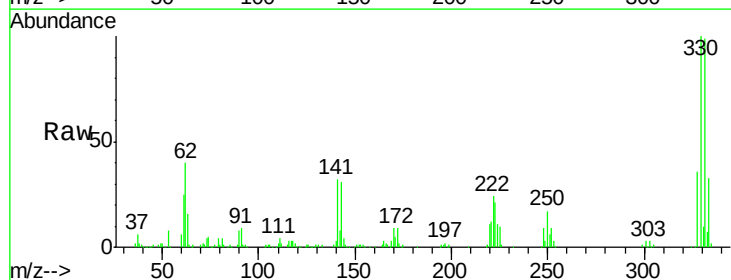
Instrument :
BNA_G
ClientSampleId :
CO-W

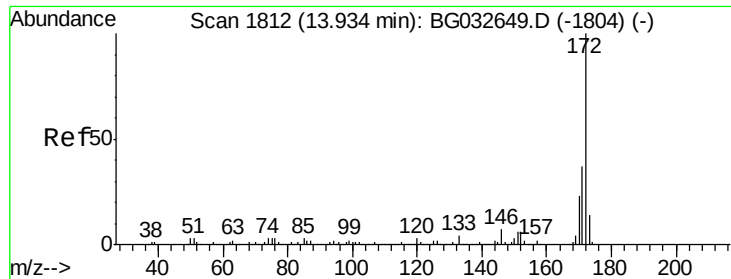
Tot Ion:164 Resp: 103110
Ion Ratio Lower Upper
164 100
162 104.8 78.8 118.2
160 43.3 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 129.319 ng
RT: 16.79 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG032664.D
Acq: 13 Feb 2018 17:20

Tgt Ion:330 Resp: 205317
Ion Ratio Lower Upper
330 100
332 98.9 77.0 115.6
141 32.8 25.2 37.8

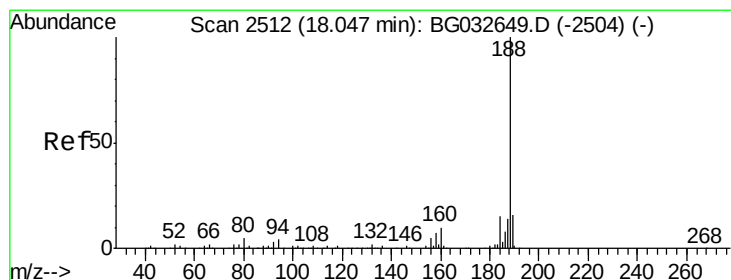
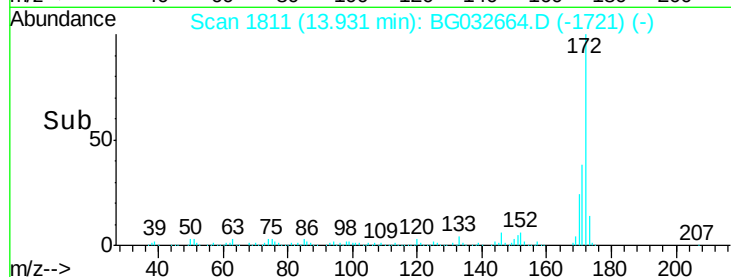
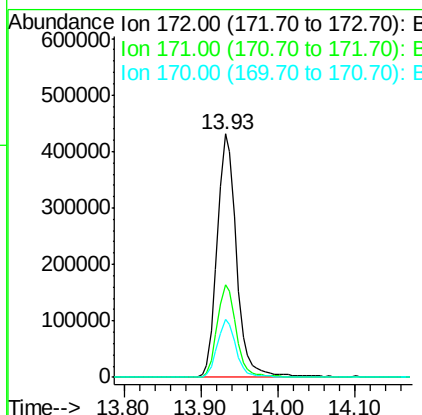
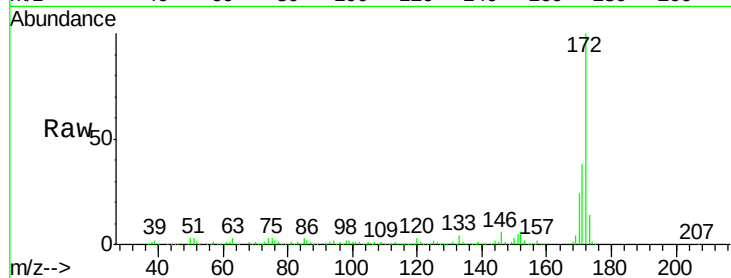




#44
 2-Fluorobiphenyl
 Concen: 91.029 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG032664.D
 Acq: 13 Feb 2018 17:20

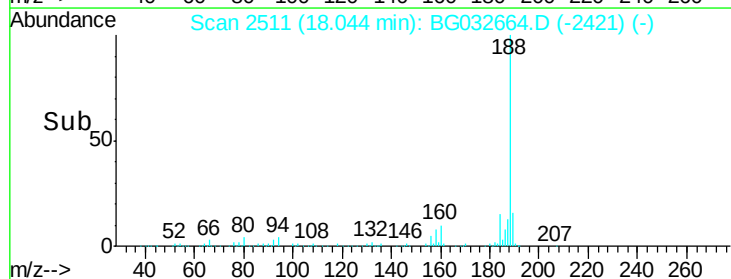
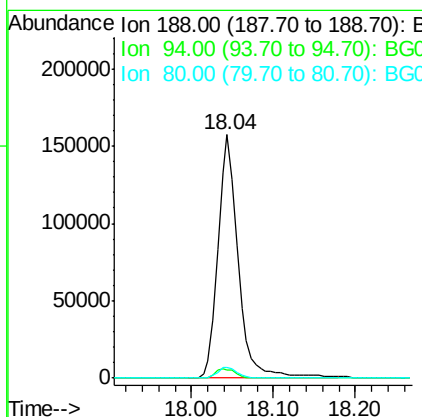
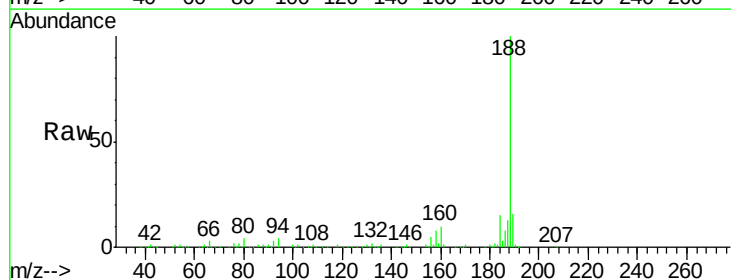
Instrument :
 BNA_G
 ClientSampled :
 CO-W

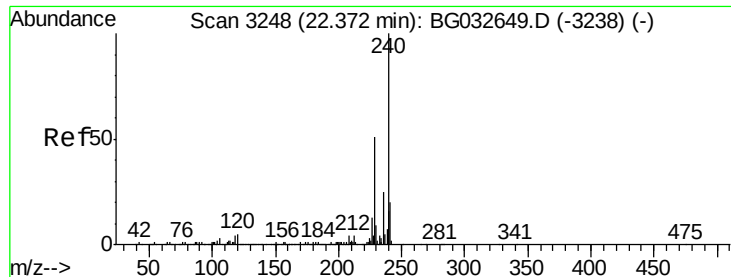
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.6	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.04 min Scan# 2511
 Delta R.T. -0.00 min
 Lab File: BG032664.D
 Acq: 13 Feb 2018 17:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	3.5	6.9	10.3#
80	4.4	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.36 min Scan# 3246

Delta R.T. -0.01 min

Lab File: BG032664.D

Acq: 13 Feb 2018 17:20

Instrument :

BNA_G

ClientSampleId :

CO-W

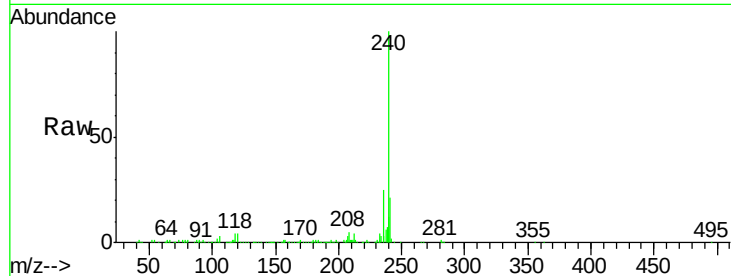
Tot Ion:240 Resp: 350111

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

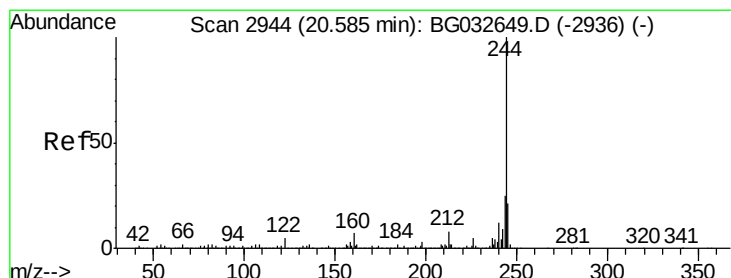
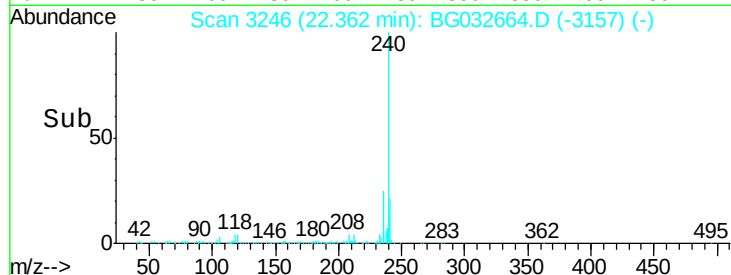
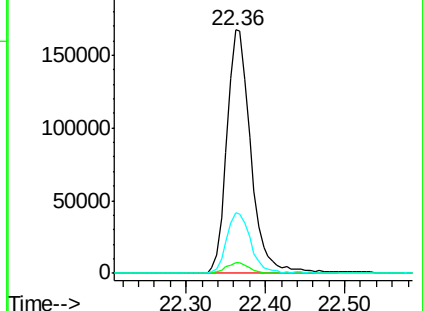
236 24.6 20.9 31.3



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: 98.759 ng

RT: 20.59 min Scan# 2944

Delta R.T. 0.00 min

Lab File: BG032664.D

Acq: 13 Feb 2018 17:20

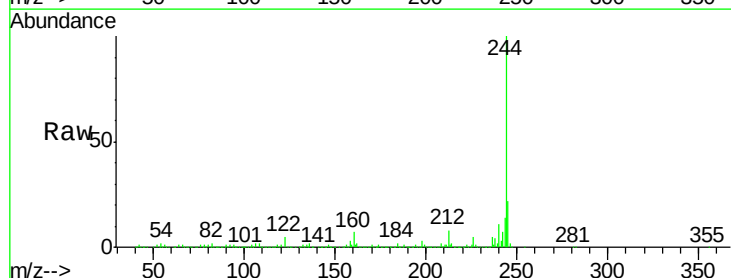
Tgt Ion:244 Resp: 1517043

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

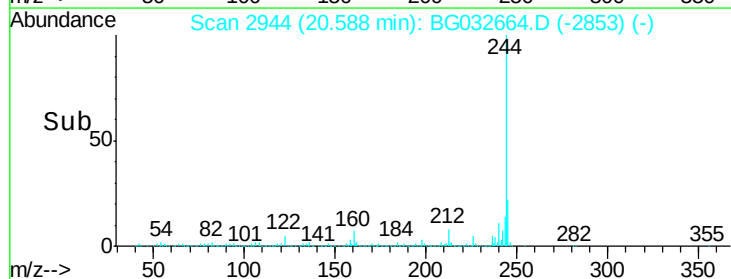
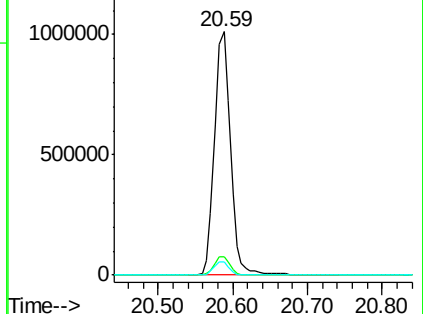
122 5.4 7.0 10.4#

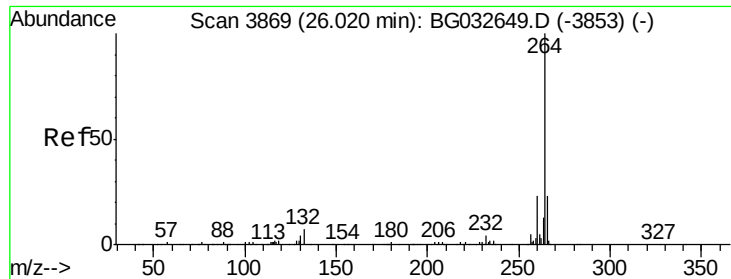


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

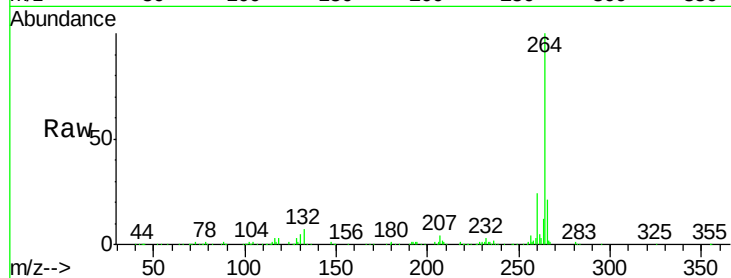




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.01 min Scan# 3867
Delta R.T. -0.01 min
Lab File: BG032664.D
Acq: 13 Feb 2018 17:20

Instrument :
BNA_G
ClientSampleId :
CO-W

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.4	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

