

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030562.D
 Acq On : 29 Oct 2017 15:22
 Operator : SJ/JU
 Sample : I6171-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 08:00:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

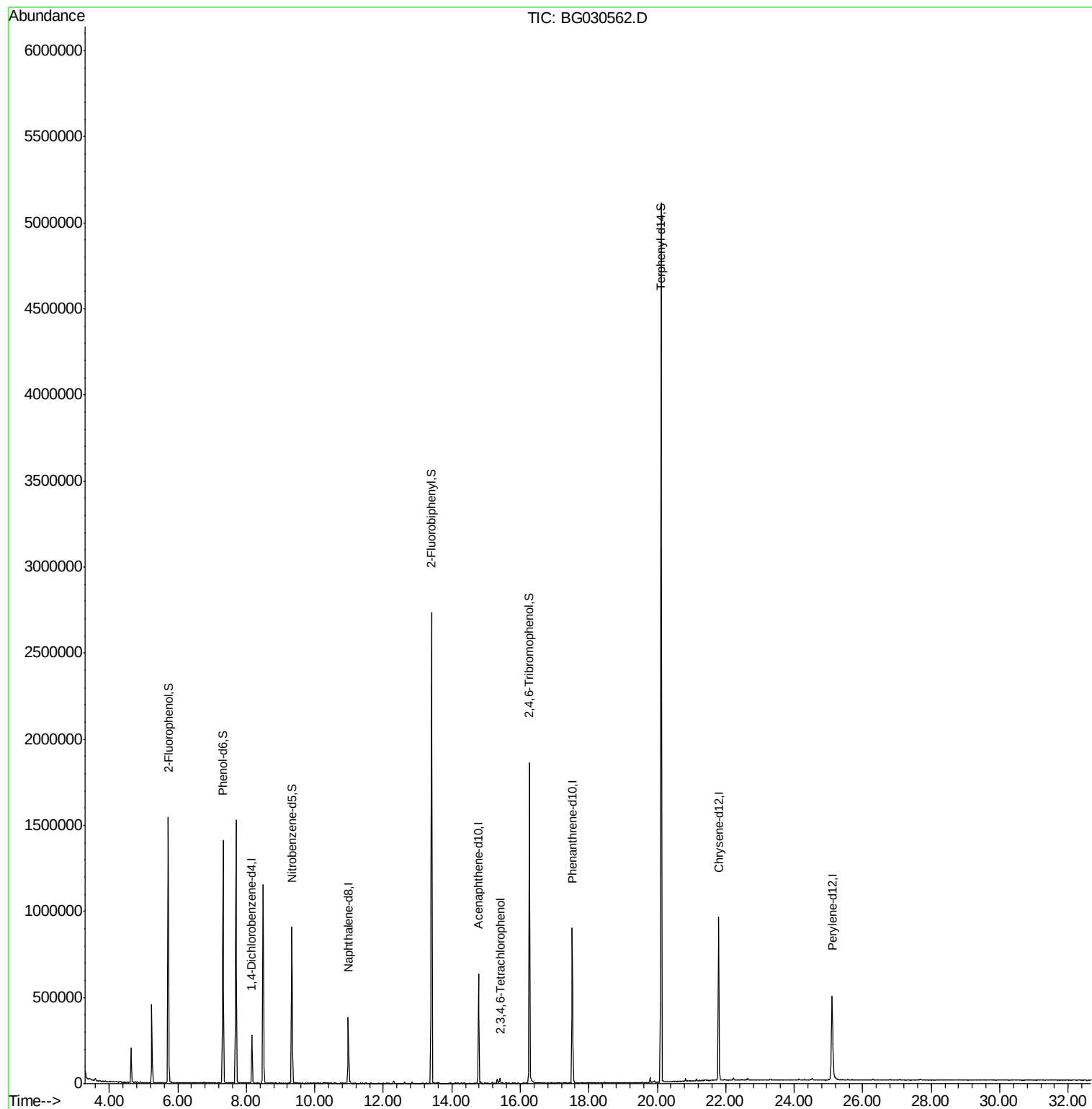
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	81124	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	344791	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	230621	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	565903	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	612068	20.00	ng	-0.01
86) Perylene-d12	25.11	264	604448	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	693812	142.87	ng	0.00
7) Phenol-d6	7.33	99	875104	128.38	ng	0.00
23) Nitrobenzene-d5	9.33	82	559757	103.17	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	406249	136.44	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1503230	95.60	ng	0.00
78) Terphenyl-d14	20.11	244	2374654	88.26	ng	-0.01
Target Compounds						
58) 2,3,4,6-Tetrachlorophenol	15.41	232	10896	2.406	ng	Qvalue # 87

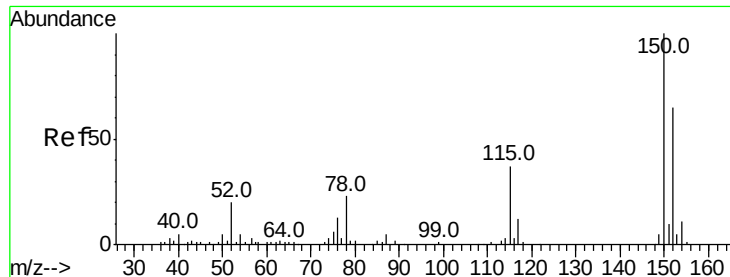
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



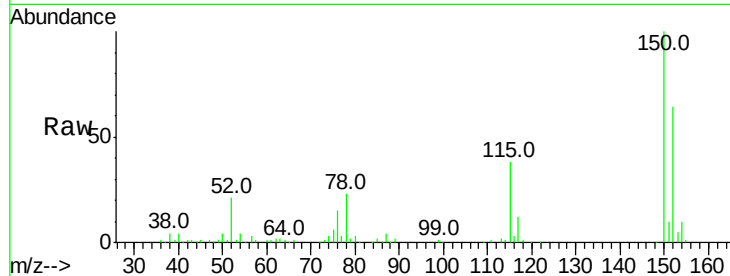


#1

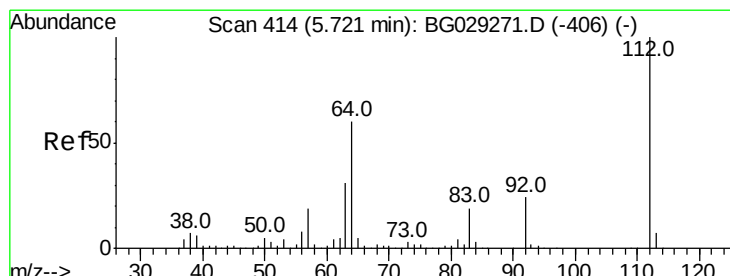
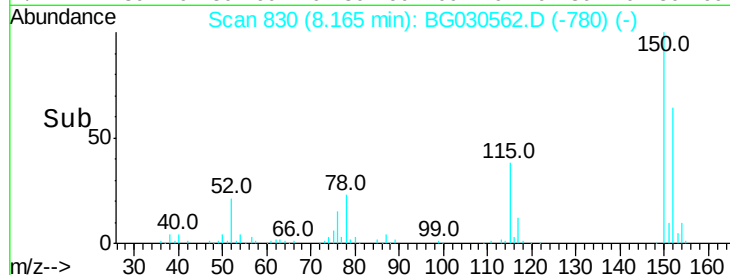
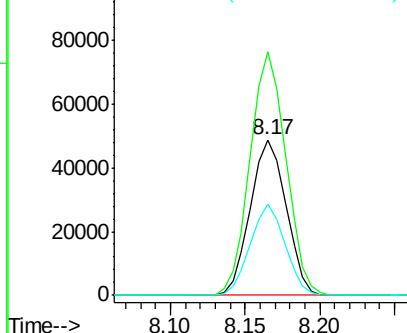
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030562.D
Acq: 29 Oct 2017 15:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 81124
Ion Ratio Lower Upper
152 100
150 156.4 126.6 189.8
115 59.0 53.0 79.4



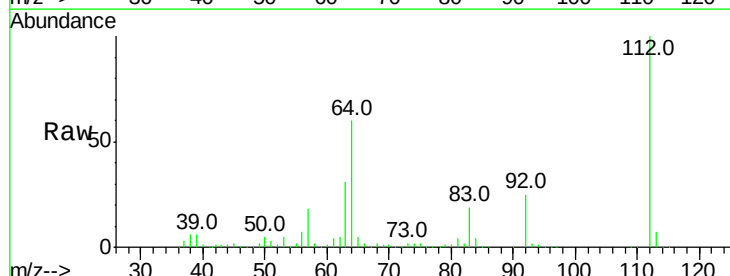
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



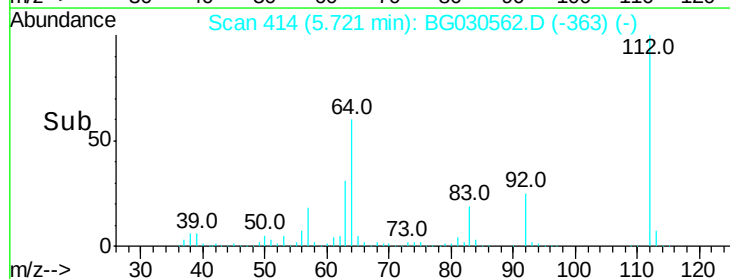
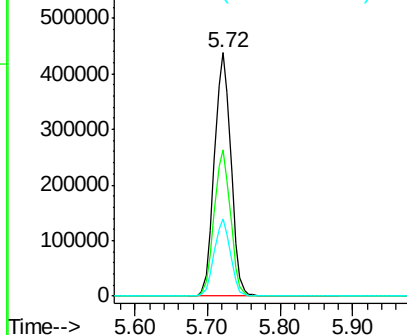
#5

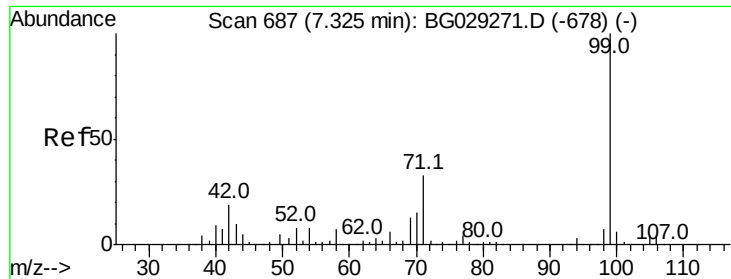
2-Fluorophenol
Concen: 142.874 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030562.D
Acq: 29 Oct 2017 15:22

Tgt Ion:112 Resp: 693812
Ion Ratio Lower Upper
112 100
64 59.9 56.3 84.5
63 31.5 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: 128.384 ng

RT: 7.33 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG030562.D

Acq: 29 Oct 2017 15:22

Instrument :

BNA_G

ClientSampled :

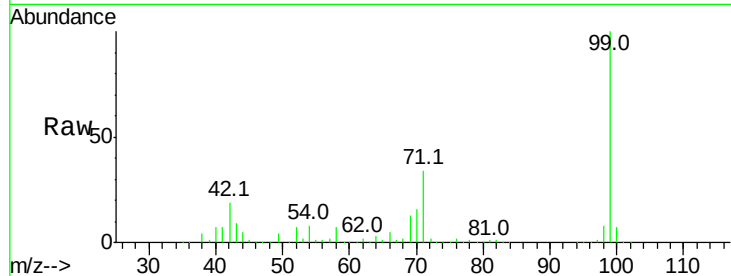
Tot Ion: 99 Resp: 875104

Ion Ratio Lower Upper

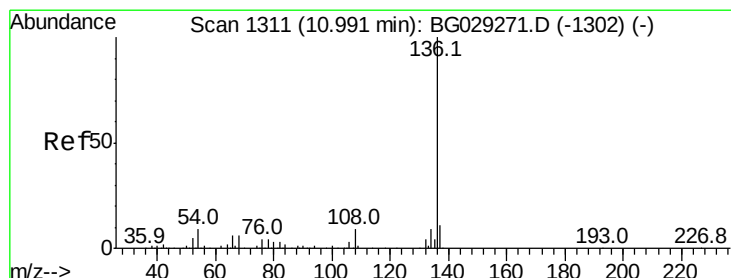
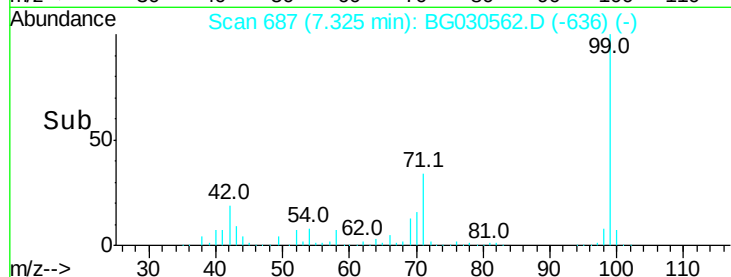
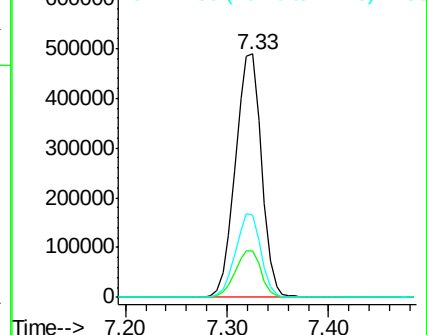
99 100

42 18.9 14.1 21.1

71 33.8 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: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG030562.D

Acq: 29 Oct 2017 15:22

Tgt Ion: 136 Resp: 344791

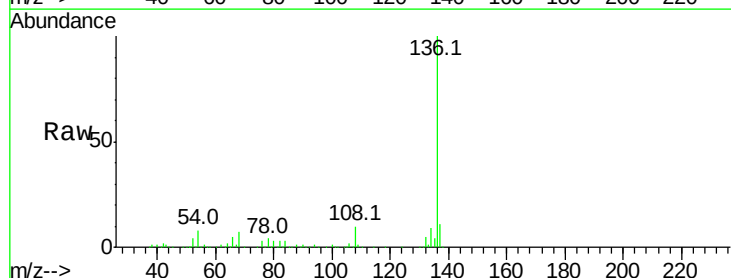
Ion Ratio Lower Upper

136 100

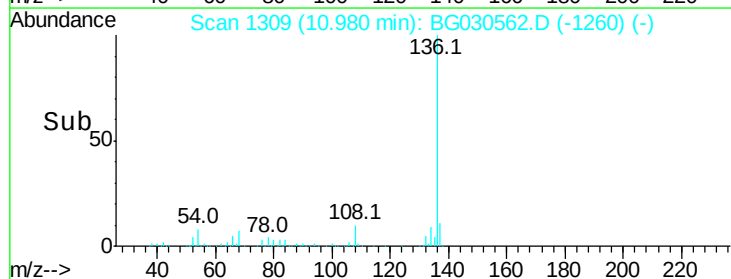
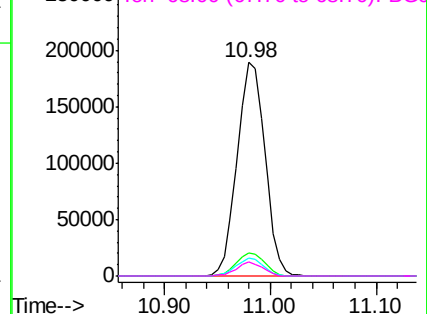
137 10.8 9.2 13.8

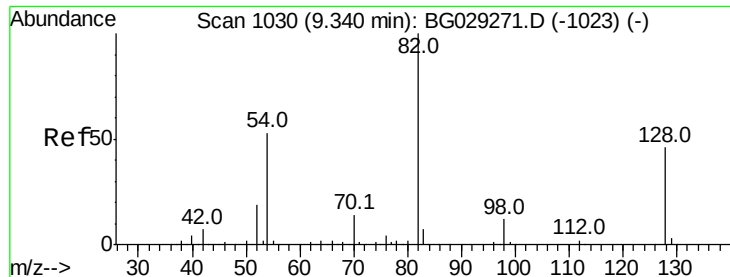
54 8.2 10.3 15.5#

68 6.6 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

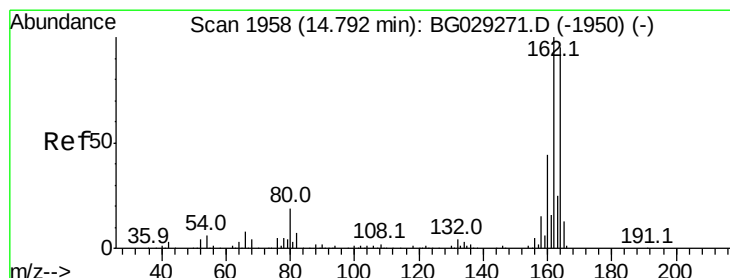
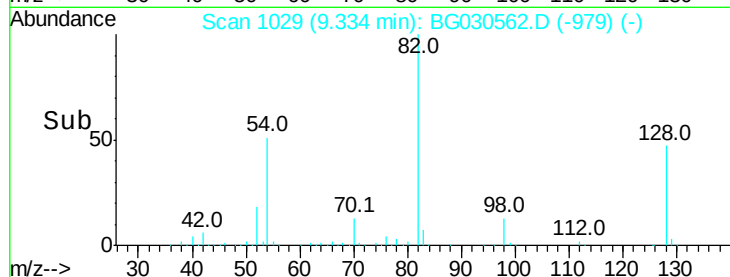
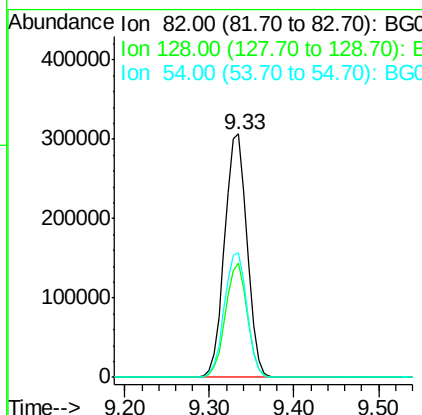
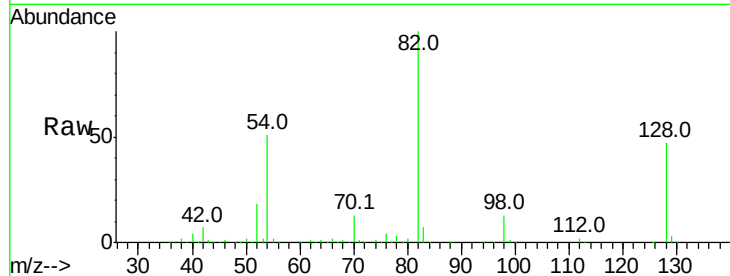




#23
 Nitrobenzene-d5
 Concen: 103.167 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG030562.D
 Acq: 29 Oct 2017 15:22

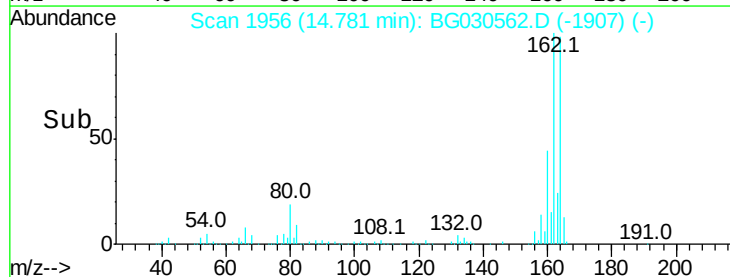
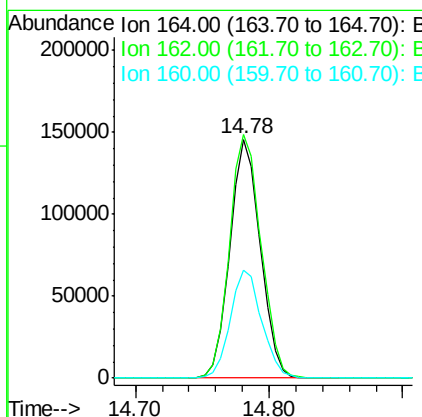
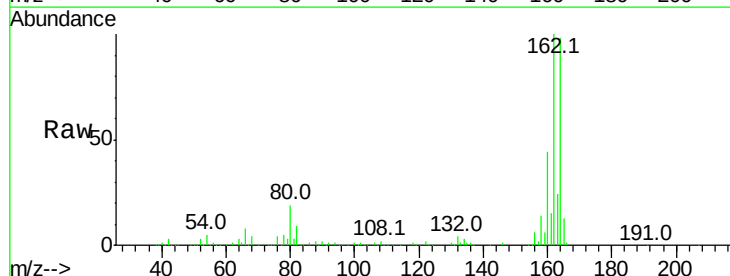
Instrument :
 BNA_G
 ClientSampled :

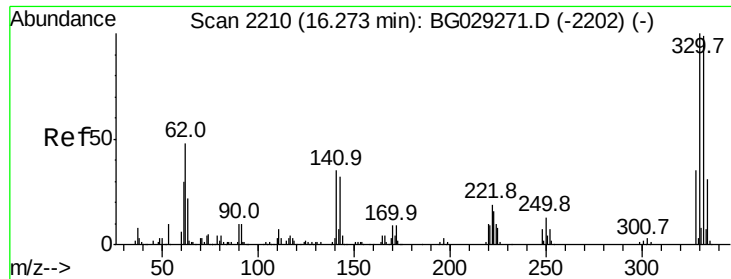
Tot Ion	82	Resp	559757
Ion	Ratio	Lower	Upper
82	100		
128	47.0	29.7	44.5#
54	51.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG030562.D
 Acq: 29 Oct 2017 15:22

Tgt Ion	164	Resp	230621
Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.8	118.2
160	45.2	35.4	53.0

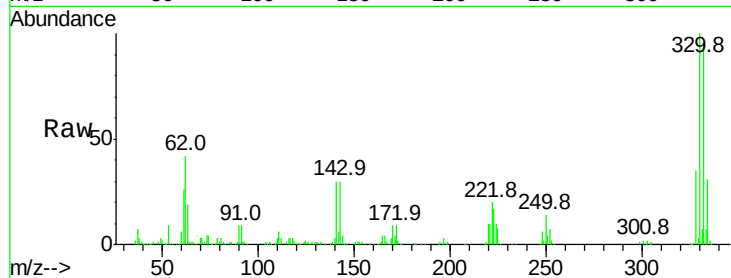




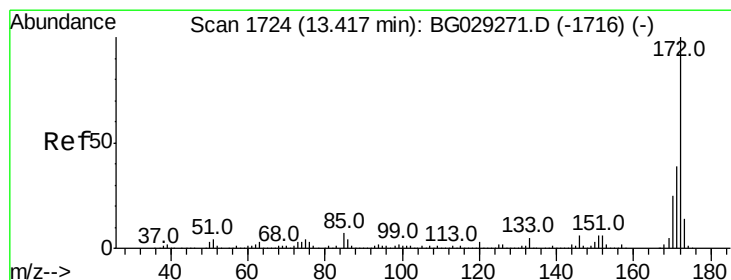
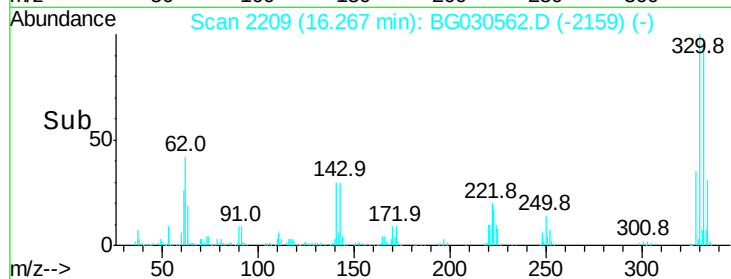
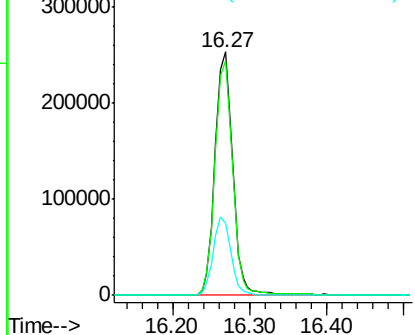
#41
 2,4,6-Tribromophenol
 Concen: 136.437 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030562.D
 Acq: 29 Oct 2017 15:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	32.1	25.2	37.8

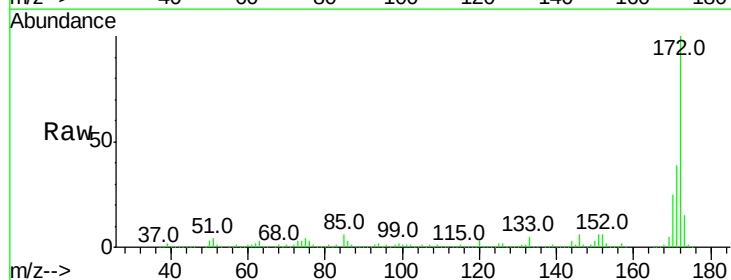


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

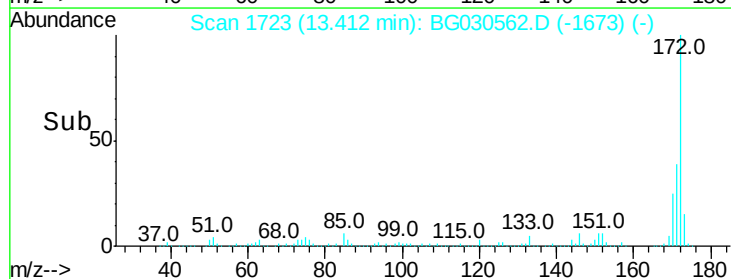
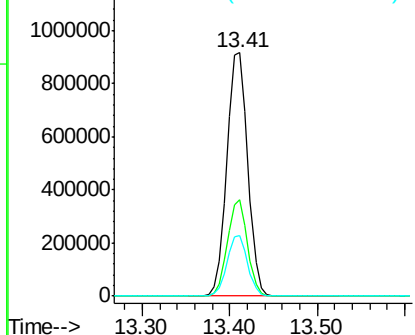


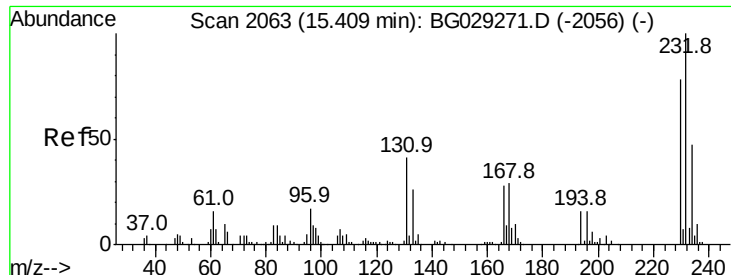
#44
 2-Fluorobiphenyl
 Concen: 95.599 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030562.D
 Acq: 29 Oct 2017 15:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	30.0	45.0
170	25.1	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

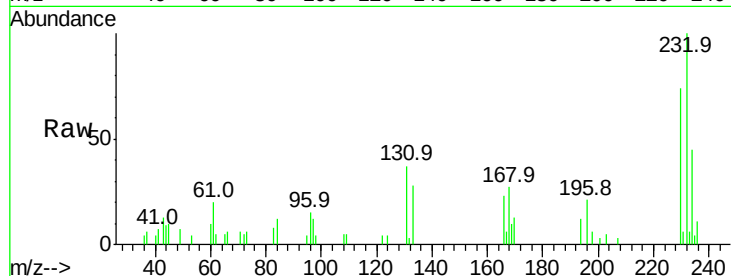




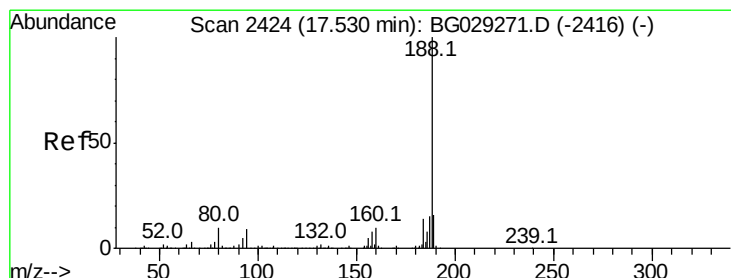
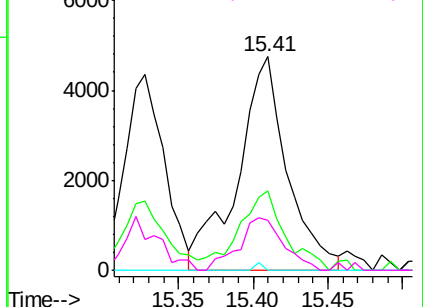
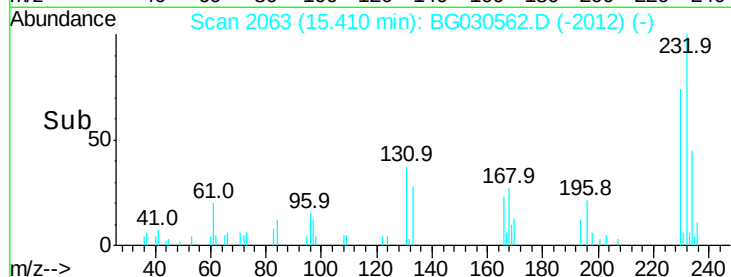
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.406 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: BG030562.D
 Acq: 29 Oct 2017 15:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 10896
 Ion Ratio Lower Upper
 232 100
 131 34.7 33.5 50.3
 130 0.5 2.2 3.2#
 166 22.2 24.8 37.2#

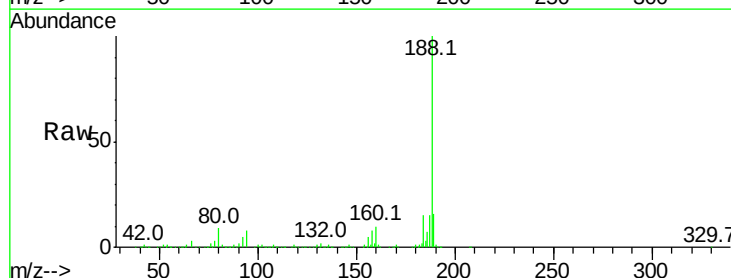


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

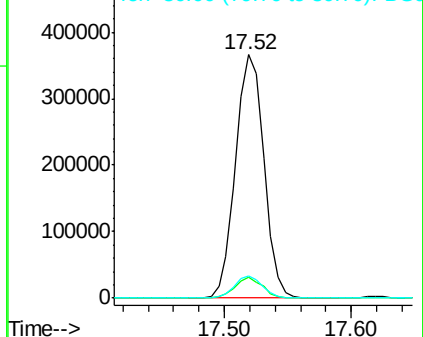
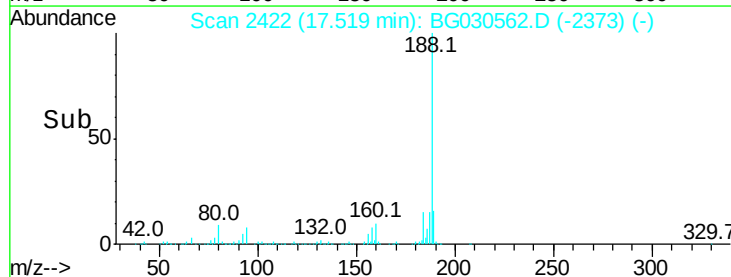


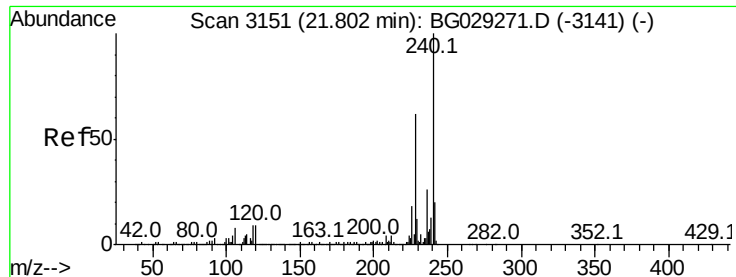
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030562.D
 Acq: 29 Oct 2017 15:22

Tgt Ion:188 Resp: 565903
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.9 10.3
 80 9.1 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: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG030562.D

Acq: 29 Oct 2017 15:22

Instrument :

BNA_G

ClientSampleId :

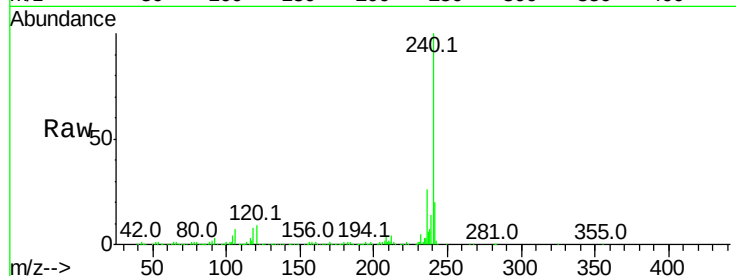
Tot Ion:240 Resp: 612068

Ion Ratio Lower Upper

240 100

120 8.6 6.8 10.2

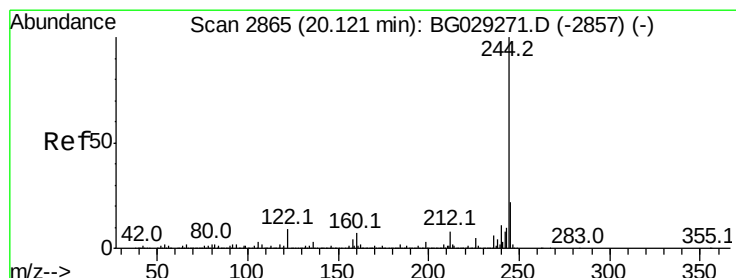
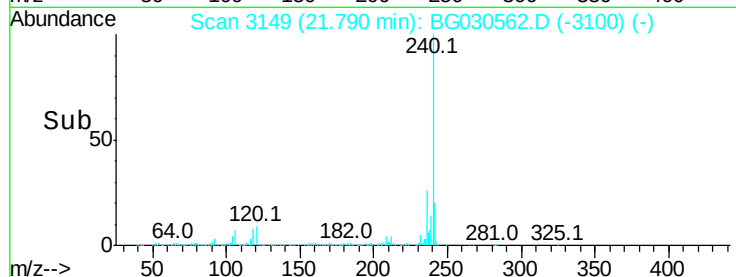
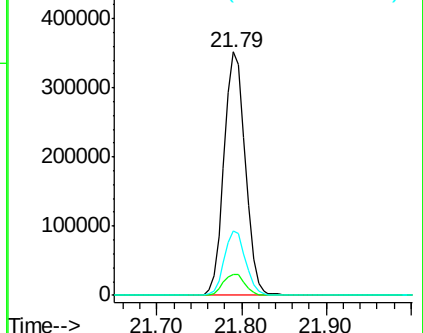
236 26.4 20.9 31.3



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: 88.261 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030562.D

Acq: 29 Oct 2017 15:22

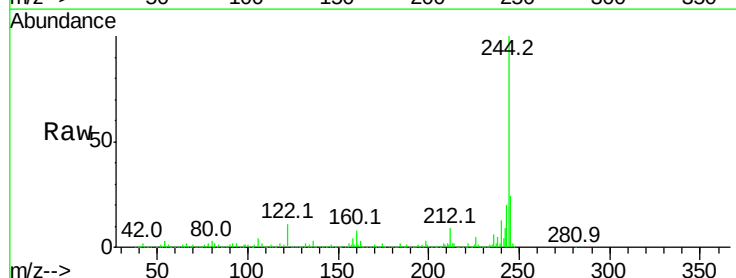
Tgt Ion:244 Resp: 2374654

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

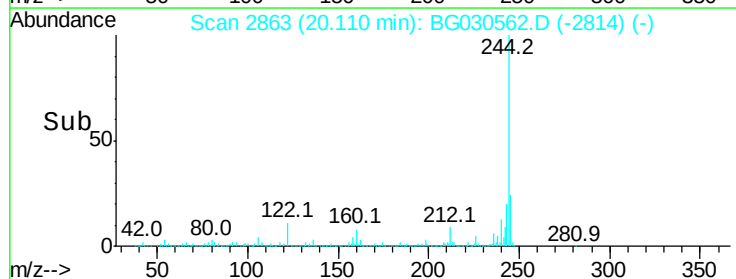
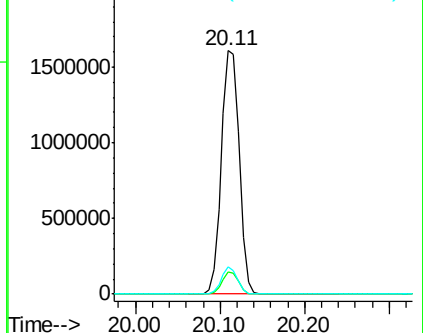
122 11.0 7.0 10.4#

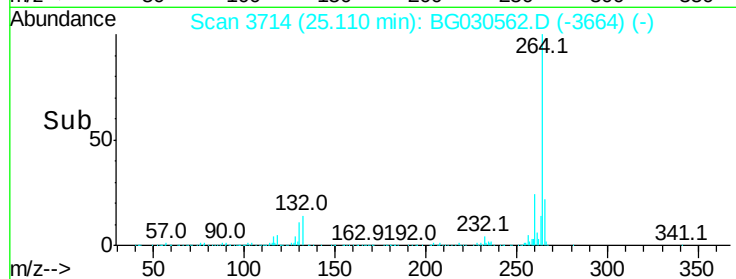
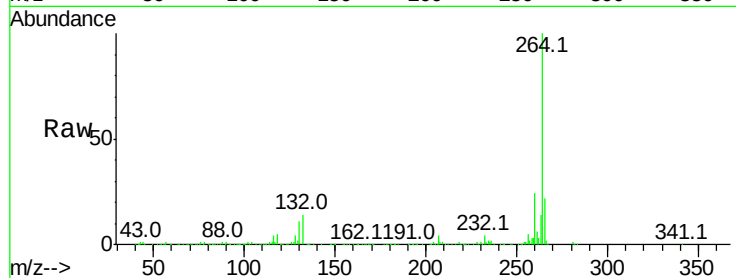
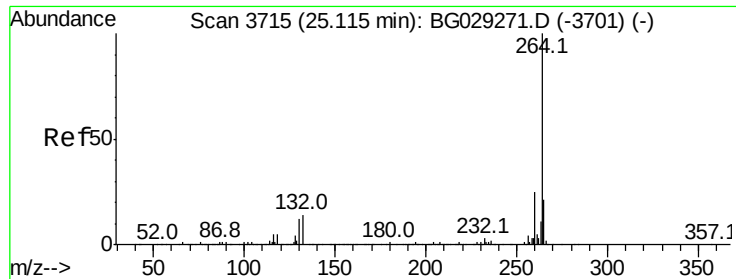


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.01 min
 Lab File: BG030562.D
 Acq: 29 Oct 2017 15:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.9	17.7	26.5

