

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030520.D
 Acq On : 28 Oct 2017 5:58
 Operator : SJ/JU
 Sample : I6101-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 01:03:54 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

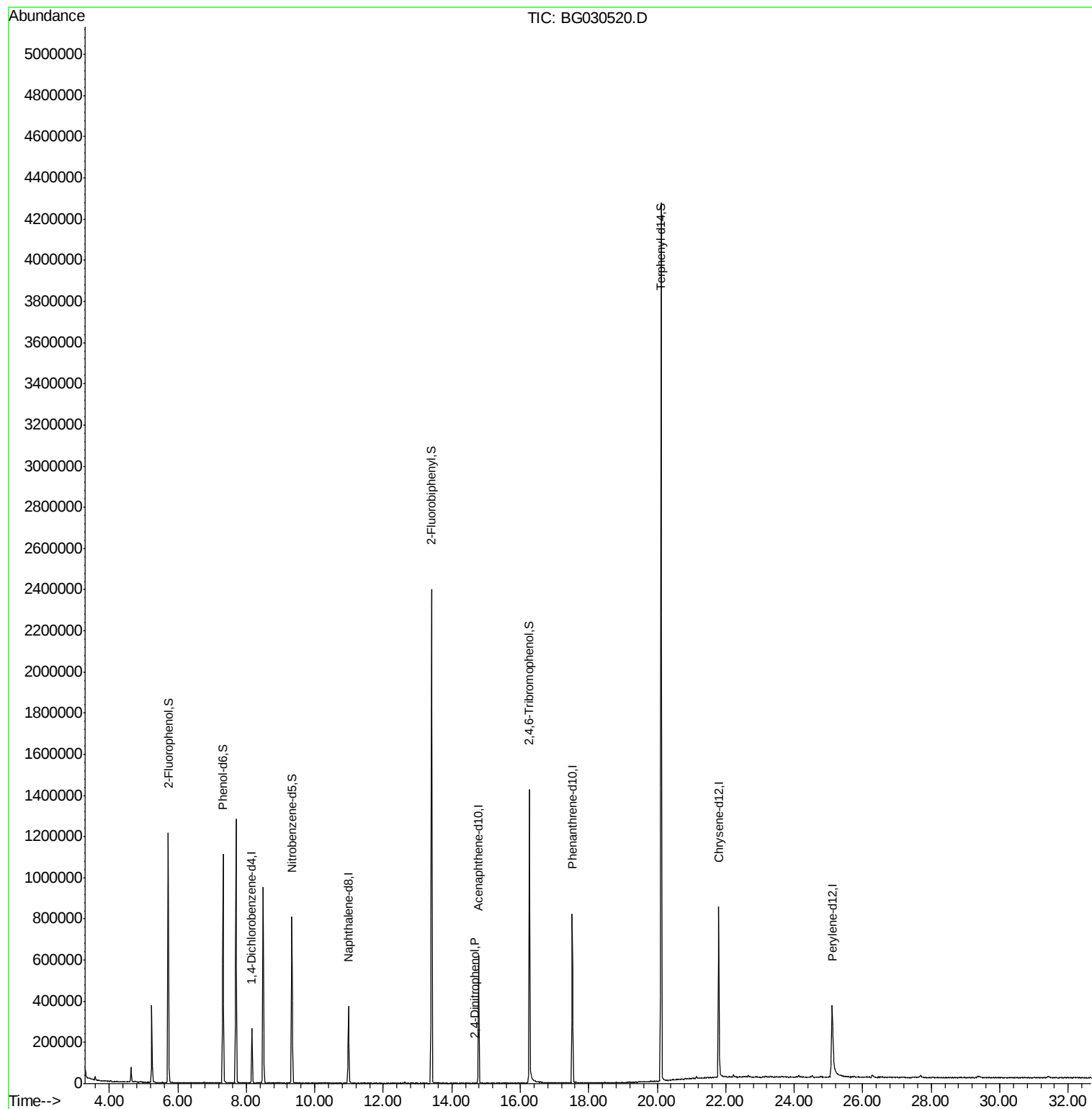
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	74464	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	341204	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	222946	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	523219	20.00	ng	-0.01
75) Chrysene-d12	21.80	240	548932	20.00	ng	0.00
86) Perylene-d12	25.11	264	505645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	547874	122.91	ng	0.00
7) Phenol-d6	7.32	99	667414	106.67	ng	0.00
23) Nitrobenzene-d5	9.33	82	497563	92.67	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	323380	112.34	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1277265	84.03	ng	0.00
78) Terphenyl-d14	20.11	244	1953273	80.95	ng	-0.01
Target Compounds						
53) 2,4-Dinitrophenol	14.67	184	58	6.658	ng	Qvalue # 1

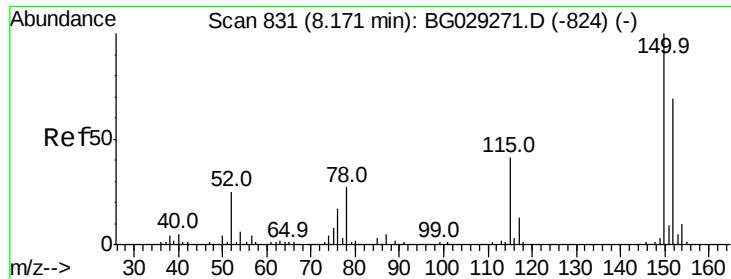
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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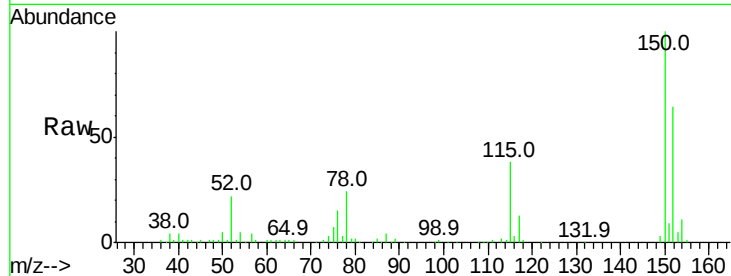


#1

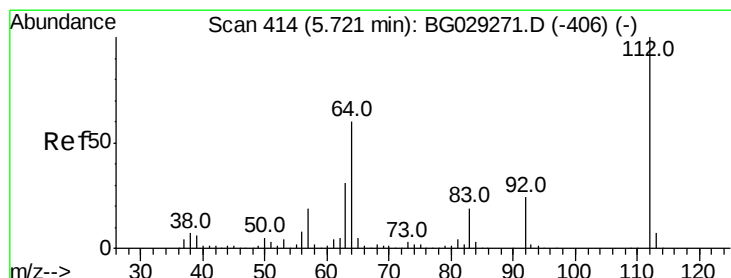
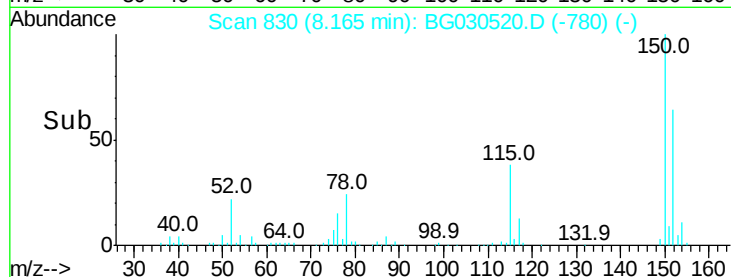
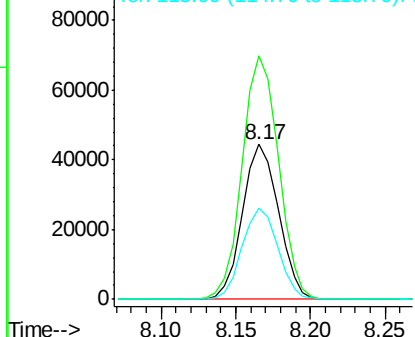
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030520.D
Acq: 28 Oct 2017 5:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 74464
Ion Ratio Lower Upper
152 100
150 157.4 126.6 189.8
115 59.3 53.0 79.4



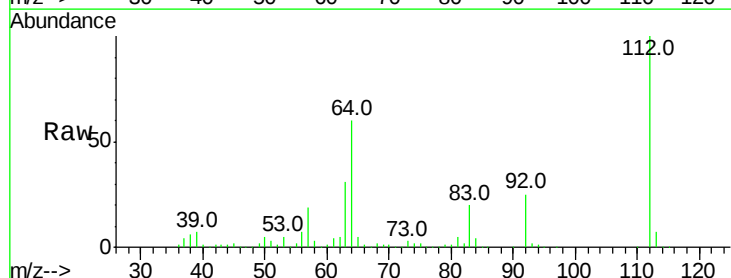
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



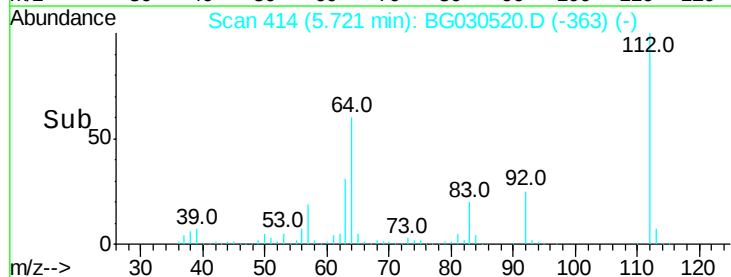
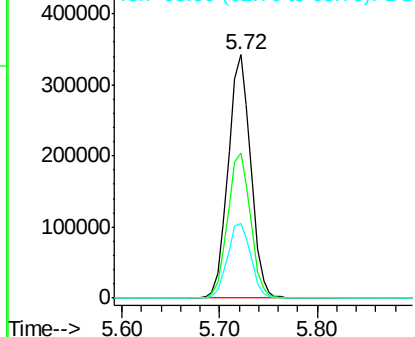
#5

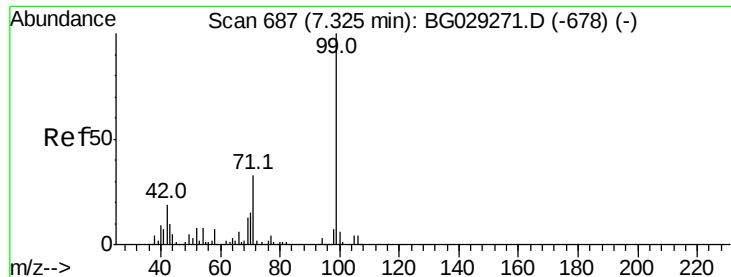
2-Fluorophenol
Concen: 122.912 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030520.D
Acq: 28 Oct 2017 5:58

Tgt Ion:112 Resp: 547874
Ion Ratio Lower Upper
112 100
64 59.6 56.3 84.5
63 30.9 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: 106.671 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030520.D

Acq: 28 Oct 2017 5:58

Instrument :

BNA_G

ClientSampled :

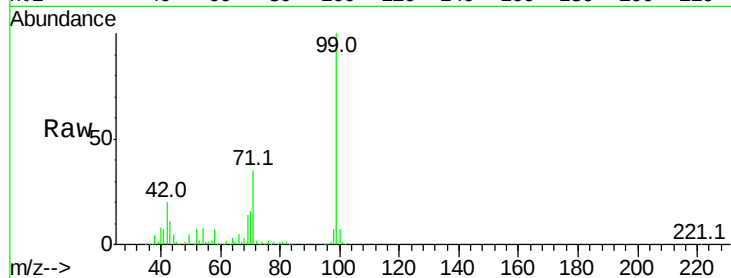
Tot Ion: 99 Resp: 667414

Ion Ratio Lower Upper

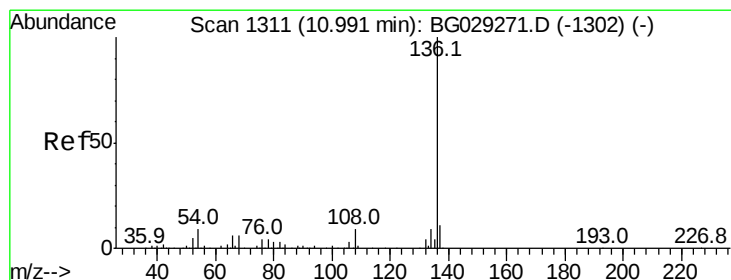
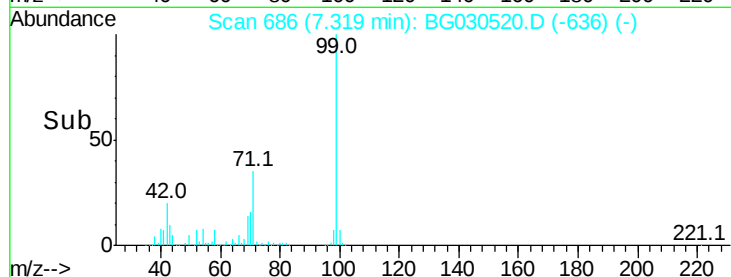
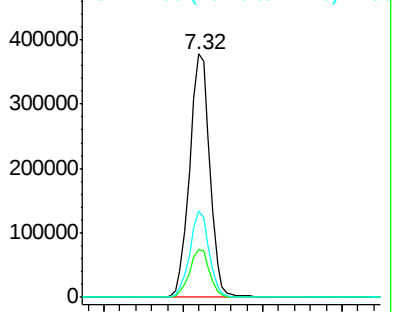
99 100

42 19.9 14.1 21.1

71 35.3 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: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG030520.D

Acq: 28 Oct 2017 5:58

Tgt Ion: 136 Resp: 341204

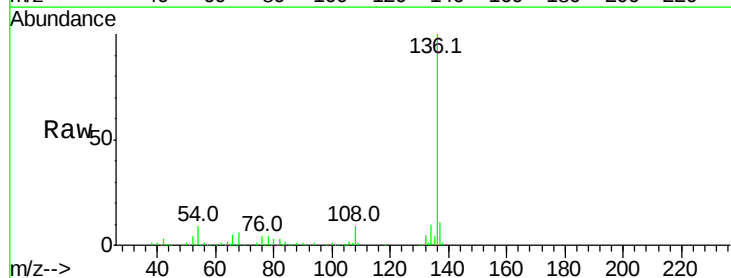
Ion Ratio Lower Upper

136 100

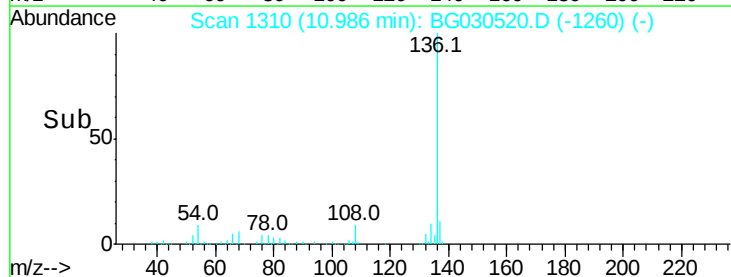
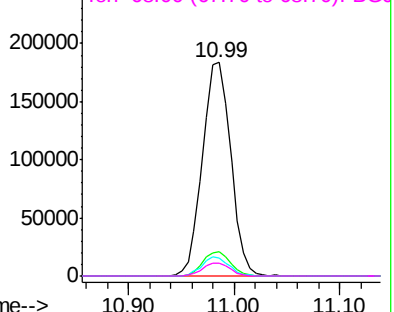
137 11.2 9.2 13.8

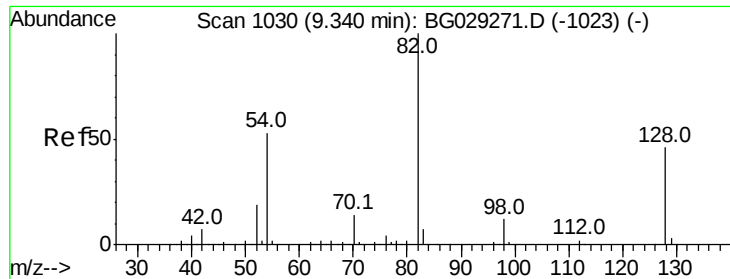
54 8.6 10.3 15.5#

68 6.2 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

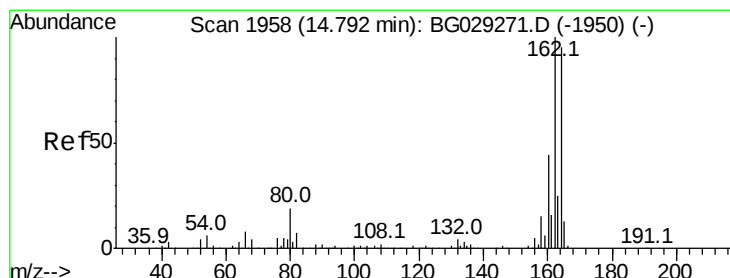
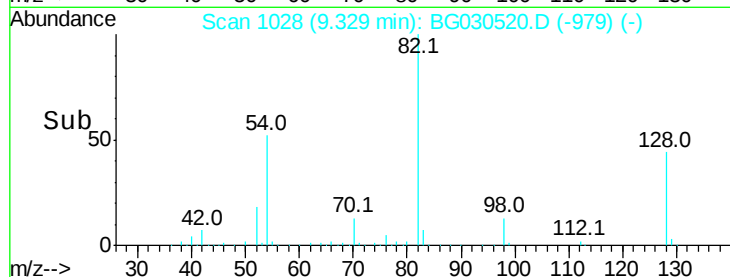
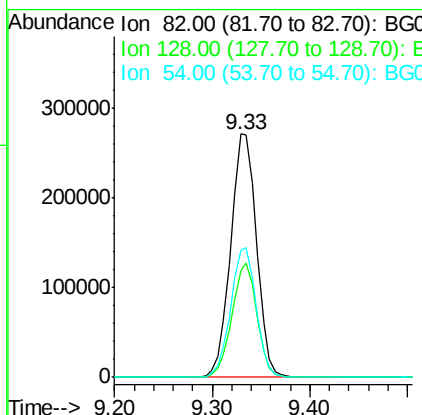
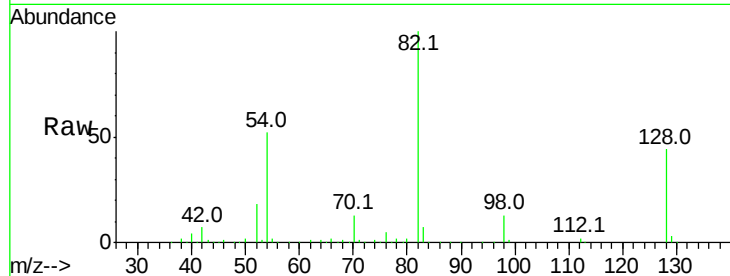




#23
 Nitrobenzene-d5
 Concen: 92.668 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG030520.D
 Acq: 28 Oct 2017 5:58

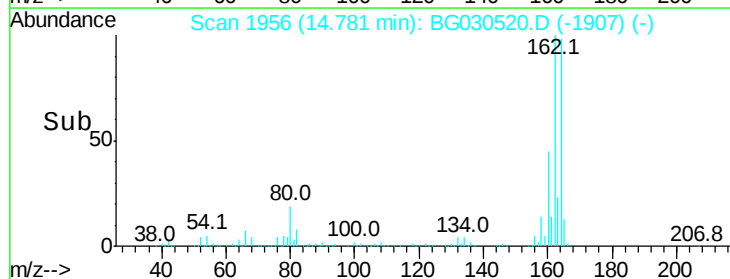
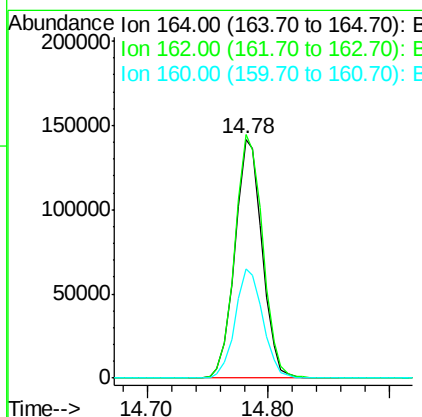
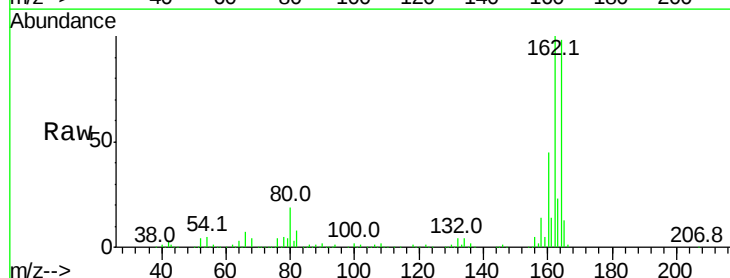
Instrument :
 BNA_G
 ClientSampleId :

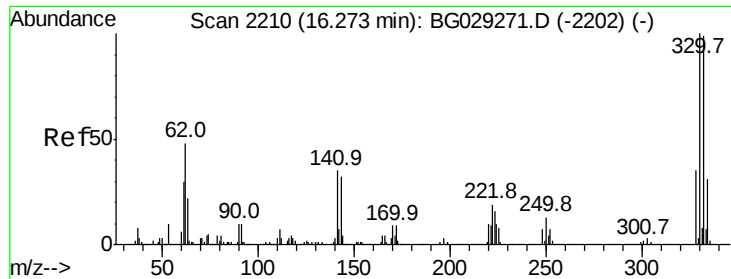
Tot Ion	82	Resp	497563
Ion	Ratio	Lower	Upper
82	100		
128	43.7	29.7	44.5
54	52.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG030520.D
 Acq: 28 Oct 2017 5:58

Tgt Ion	164	Resp	222946
Ion	Ratio	Lower	Upper
164	100		
162	102.1	78.8	118.2
160	46.0	35.4	53.0

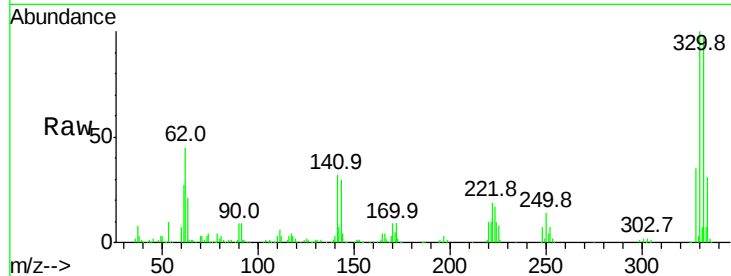




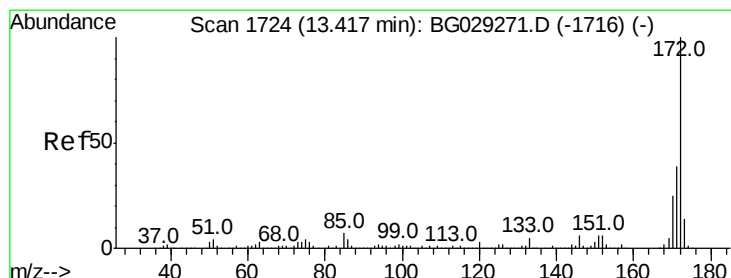
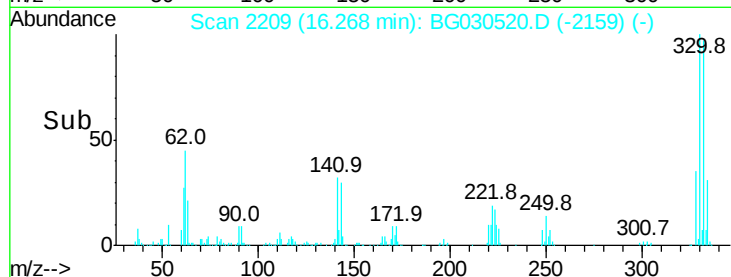
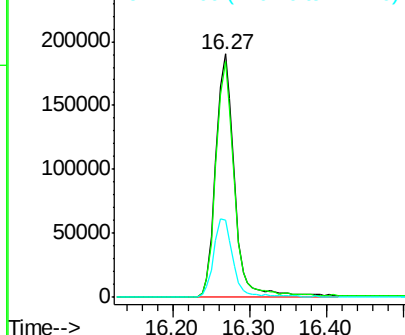
#41
 2,4,6-Tribromophenol
 Concen: 112.345 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030520.D
 Acq: 28 Oct 2017 5:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	33.1	25.2	37.8

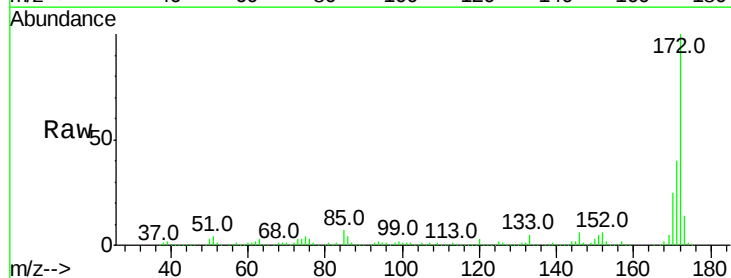


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

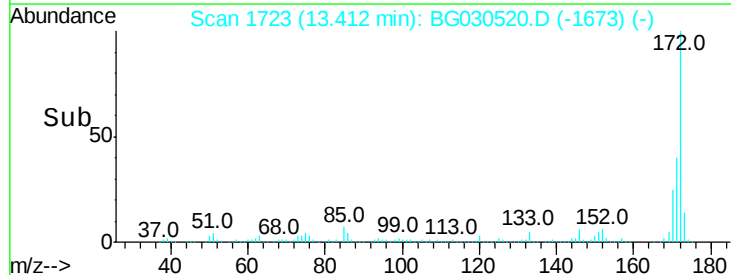
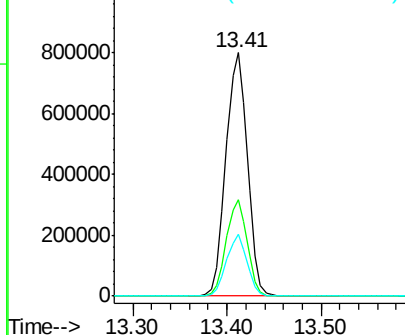


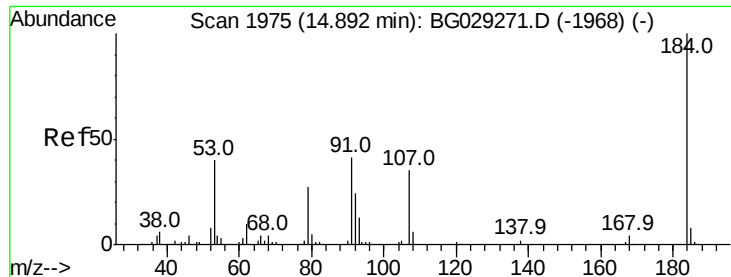
#44
 2-Fluorobiphenyl
 Concen: 84.025 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030520.D
 Acq: 28 Oct 2017 5:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.0	45.0
170	25.2	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

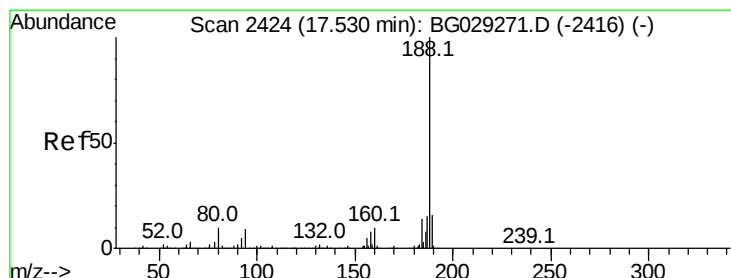
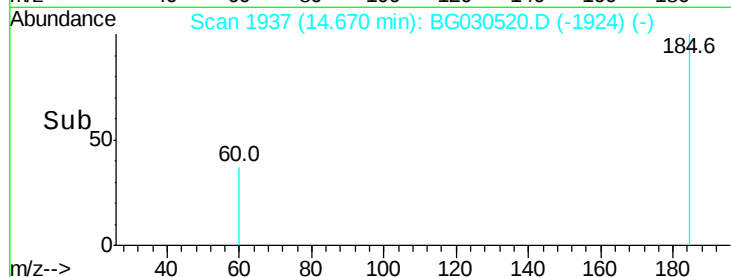
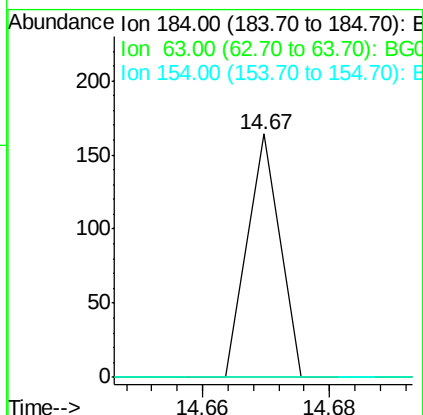
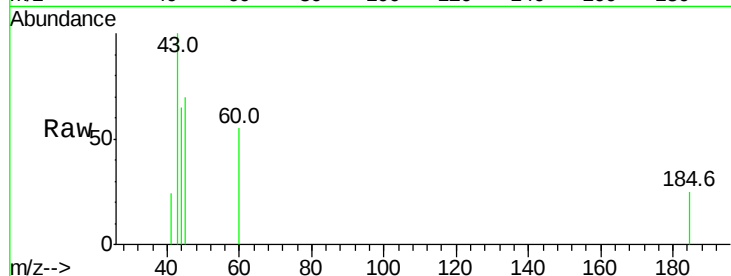




#53
 2,4-Dinitrophenol
 Concen: 6.658 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.22 min
 Lab File: BG030520.D
 Acq: 28 Oct 2017 5:58

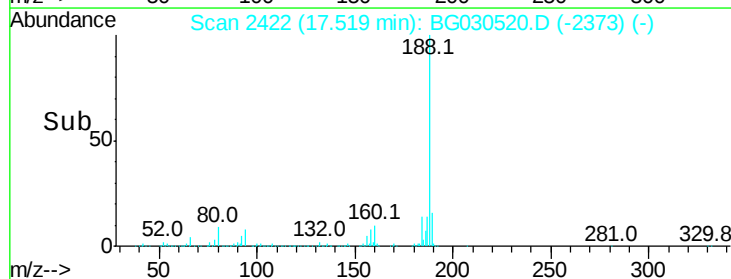
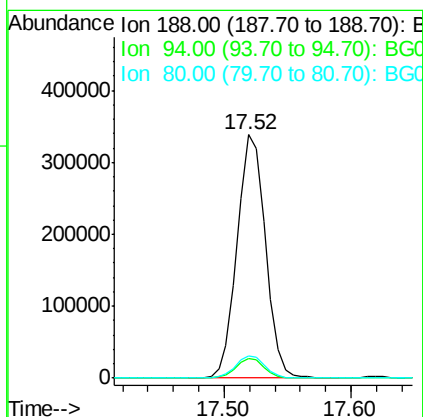
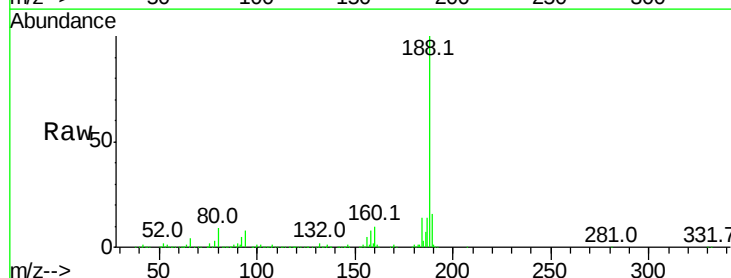
Instrument :
 BNA_G
 ClientSampleId :

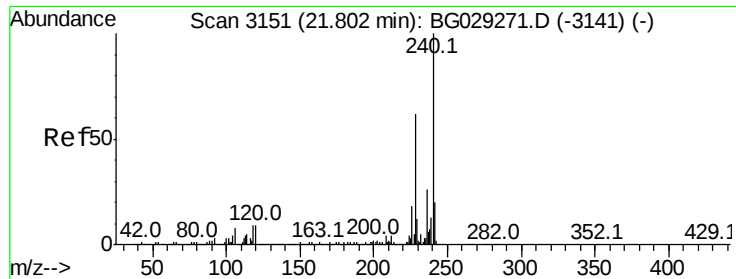
Tot Ion:184 Resp: 58
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030520.D
 Acq: 28 Oct 2017 5:58

Tgt Ion:188 Resp: 523219
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.9 10.3
 80 9.3 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG030520.D

Acq: 28 Oct 2017 5:58

Instrument :

BNA_G

ClientSampleId :

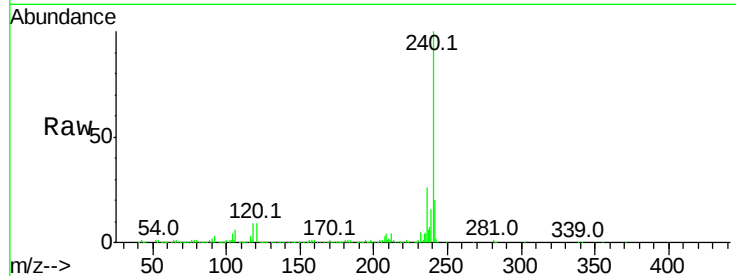
Tot Ion:240 Resp: 548932

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

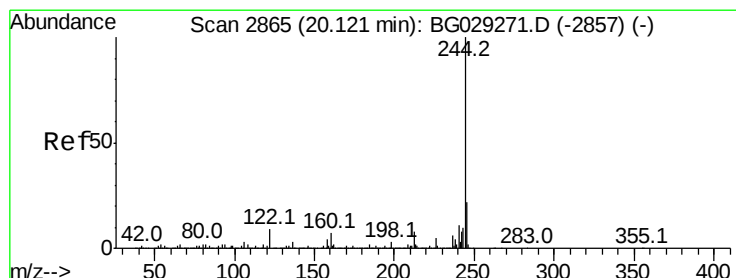
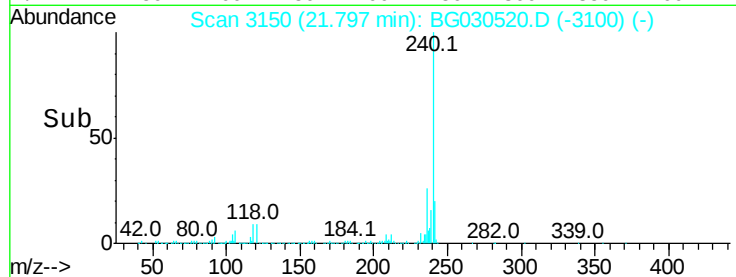
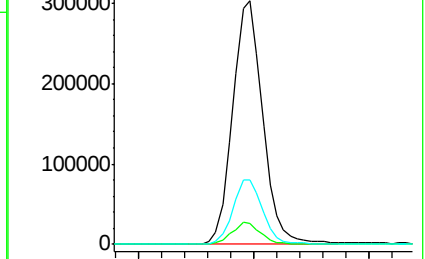
236 26.4 20.9 31.3



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: 80.949 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030520.D

Acq: 28 Oct 2017 5:58

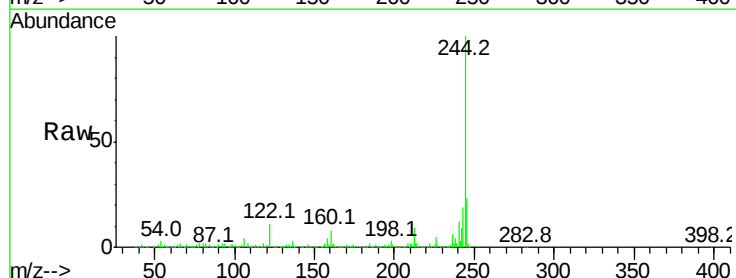
Tgt Ion:244 Resp: 1953273

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

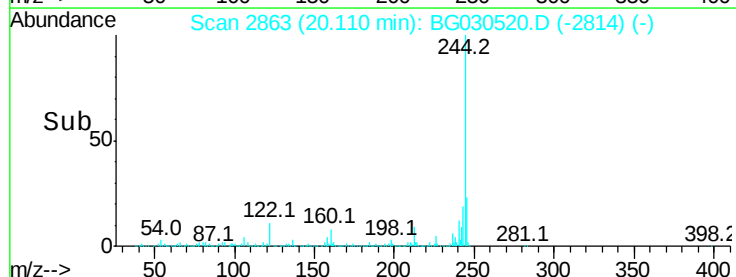
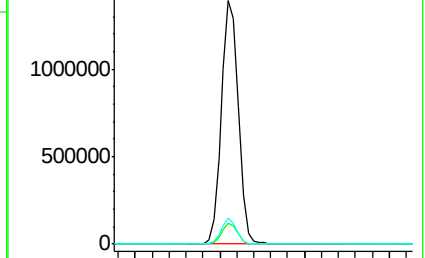
122 10.6 7.0 10.4#

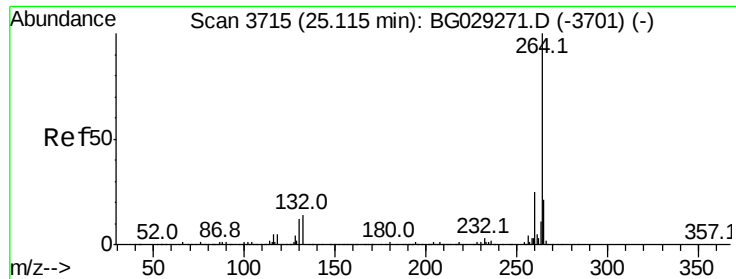


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

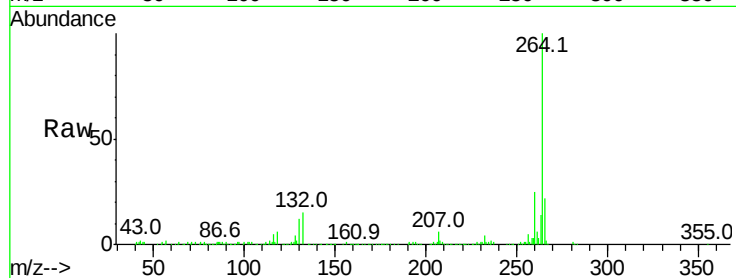




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.01 min
Lab File: BG030520.D
Acq: 28 Oct 2017 5:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	21.8	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

