

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030542.D
 Acq On : 29 Oct 2017 1:21
 Operator : SJ/JU
 Sample : PB103762BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:51:02 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	56860	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	242077	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	160841	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	419892	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	461860	20.00	ng	-0.01
86) Perylene-d12	25.10	264	456207	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	465974	136.90	ng	0.00
7) Phenol-d6	7.32	99	596146	124.78	ng	0.00
23) Nitrobenzene-d5	9.33	82	342859	90.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	312230	150.35	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	945957	86.26	ng	-0.01
78) Terphenyl-d14	20.11	244	1637830	80.67	ng	-0.01

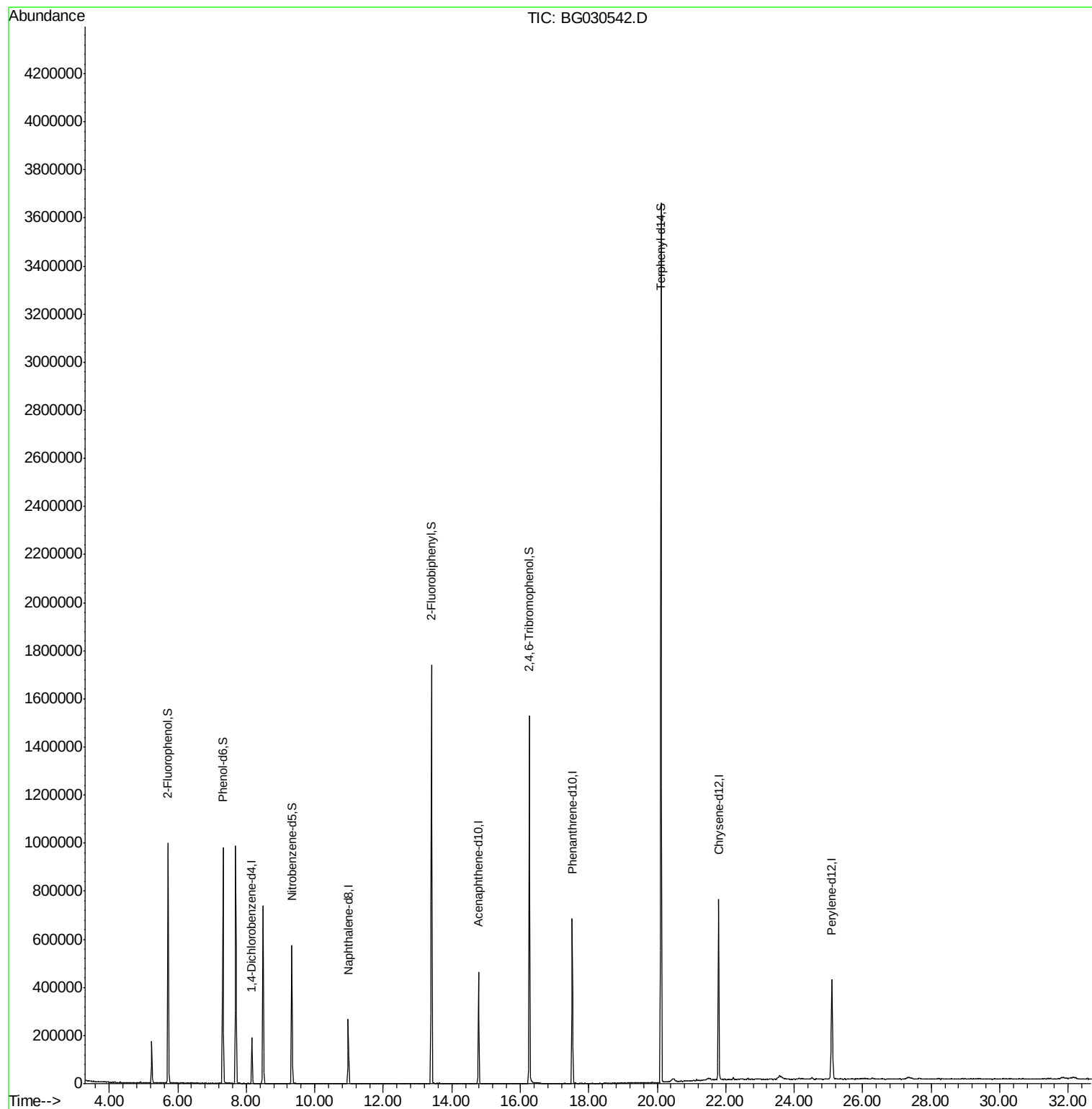
Target Compounds Qvalue

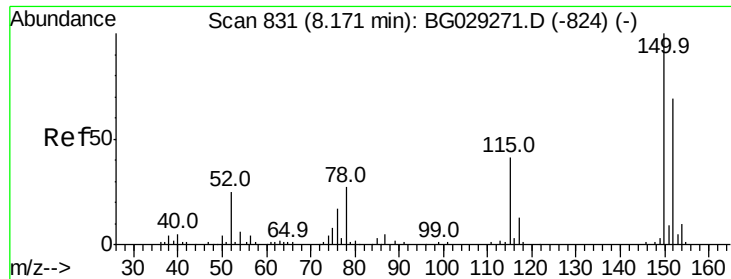
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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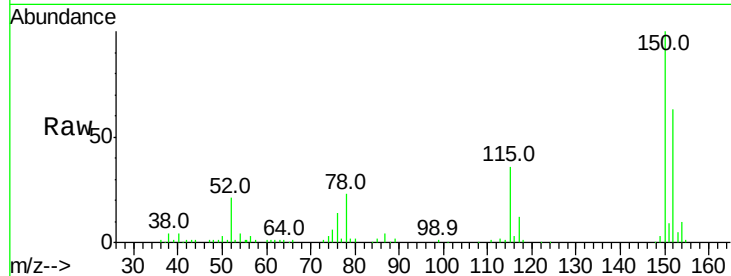


#1

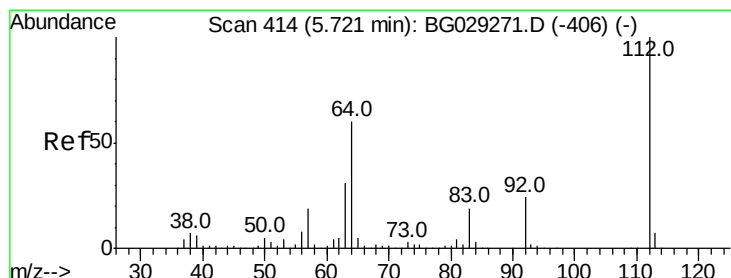
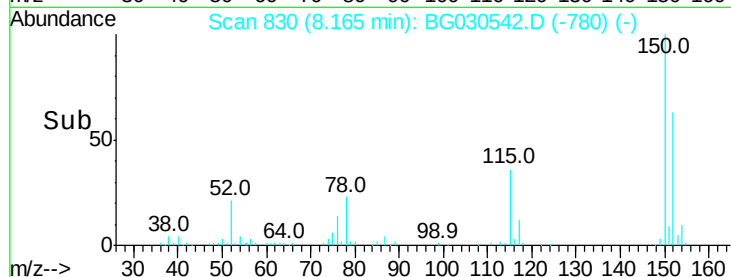
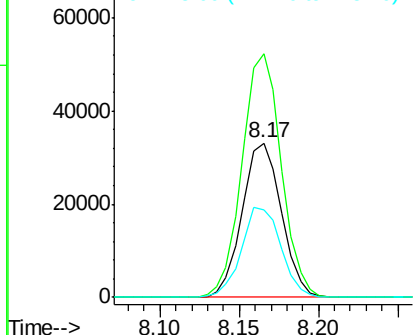
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030542.D
Acq: 29 Oct 2017 1:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56860
Ion Ratio Lower Upper
152 100
150 157.8 126.6 189.8
115 56.7 53.0 79.4



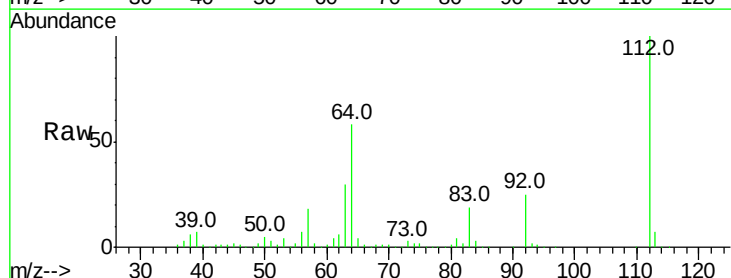
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



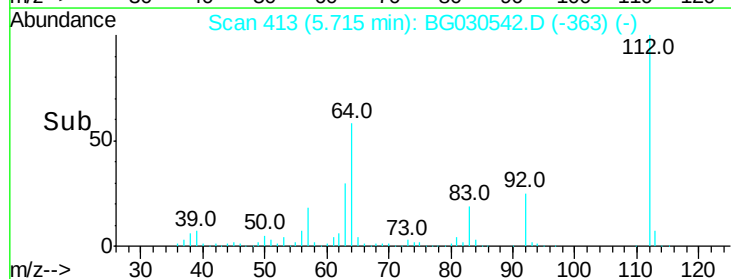
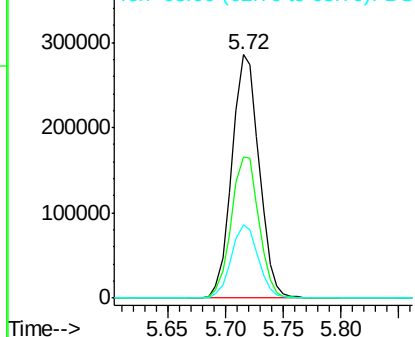
#5

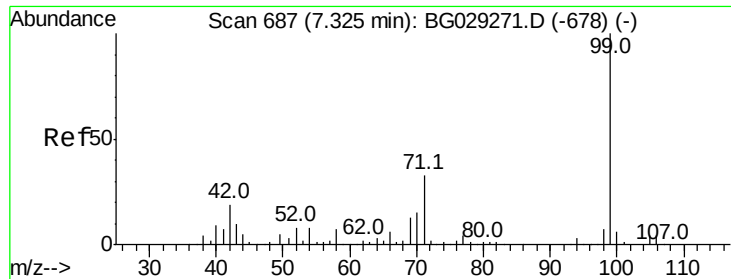
2-Fluorophenol
Concen: 136.904 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030542.D
Acq: 29 Oct 2017 1:21

Tgt Ion:112 Resp: 465974
Ion Ratio Lower Upper
112 100
64 58.1 56.3 84.5
63 30.2 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: 124.780 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030542.D

Acq: 29 Oct 2017 1:21

Instrument :

BNA_G

ClientSampleId :

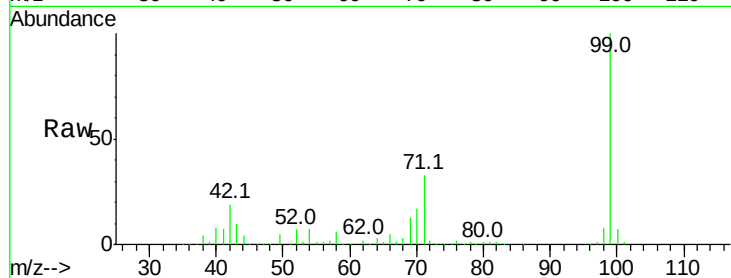
Tot Ion: 99 Resp: 596146

Ion Ratio Lower Upper

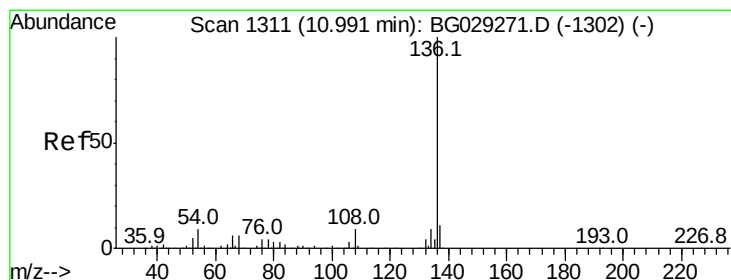
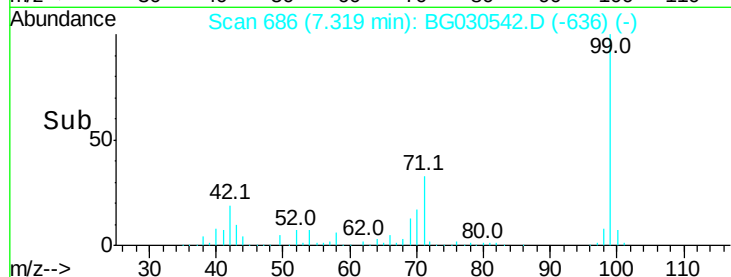
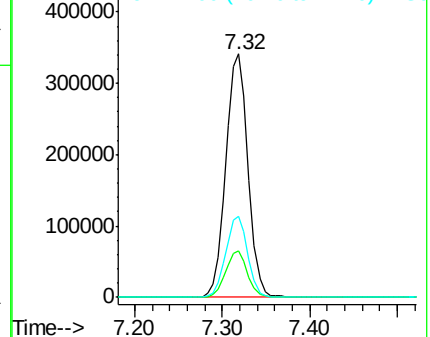
99 100

42 19.1 14.1 21.1

71 33.5 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: BG030542.D

Acq: 29 Oct 2017 1:21

Tgt Ion: 136 Resp: 242077

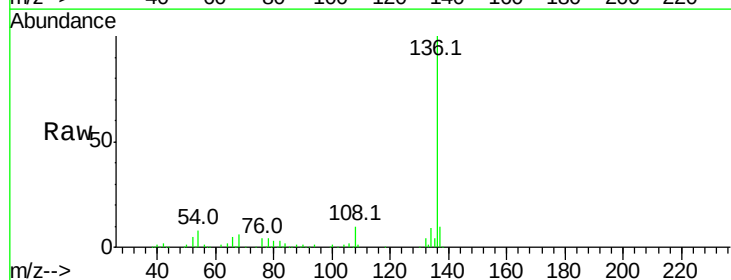
Ion Ratio Lower Upper

136 100

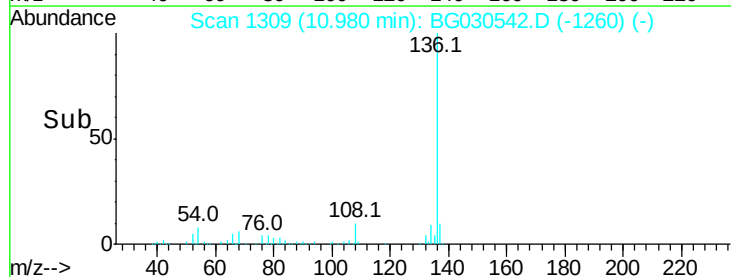
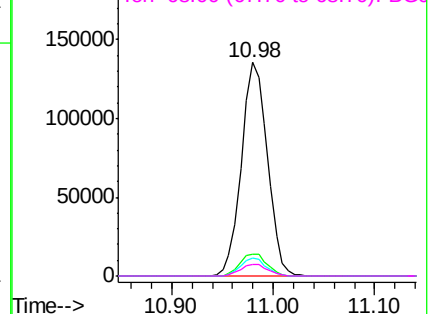
137 10.1 9.2 13.8

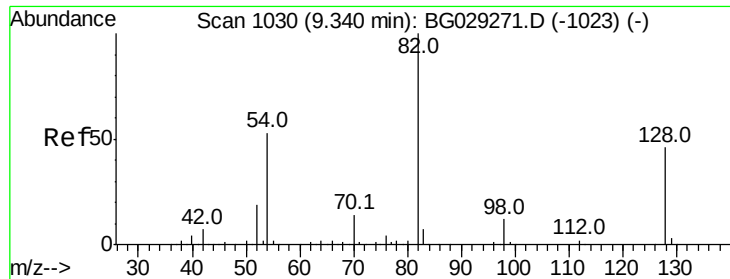
54 8.3 10.3 15.5#

68 5.6 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

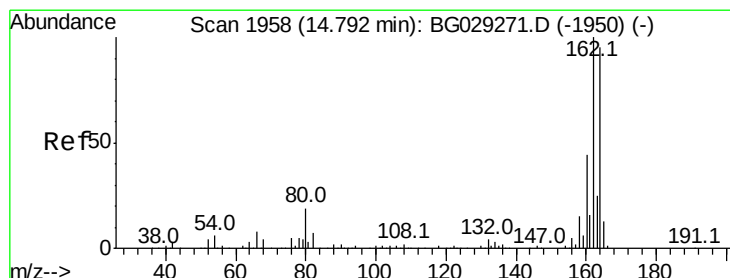
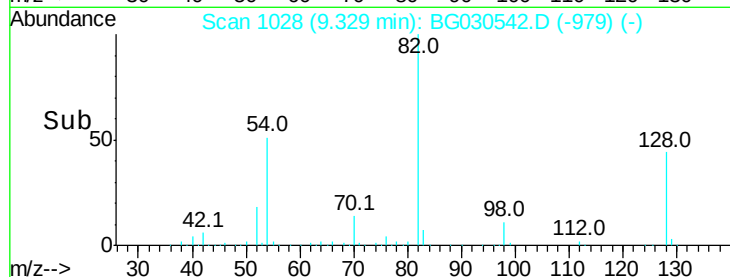
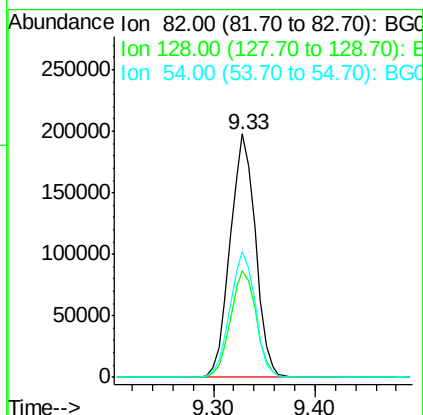
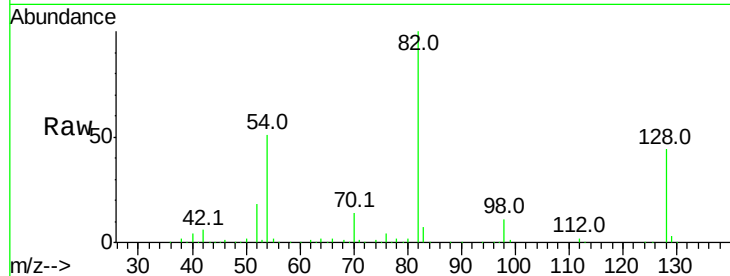




#23
Nitrobenzene-d5
Concen: 90.003 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030542.D
Acq: 29 Oct 2017 1:21

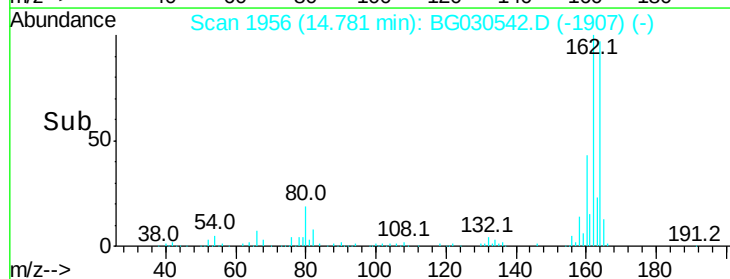
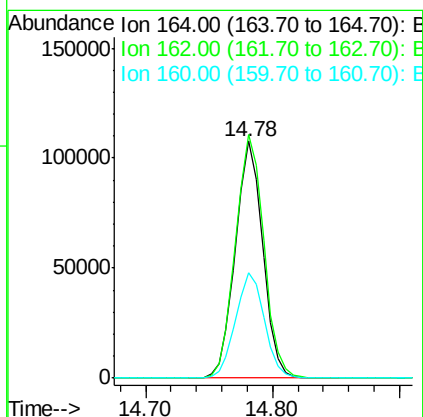
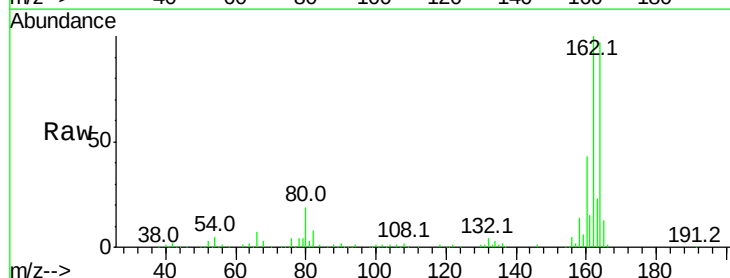
Instrument :
BNA_G
ClientSampled :

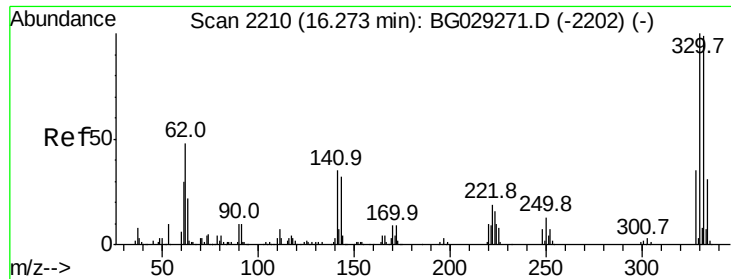
Tot Ion	82	Resp	342859
Ion Ratio	100	Lower	Upper
128	43.8	29.7	44.5
54	51.5	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030542.D
Acq: 29 Oct 2017 1:21

Tgt Ion	164	Resp	160841
Ion Ratio	100	Lower	Upper
162	102.9	78.8	118.2
160	44.3	35.4	53.0

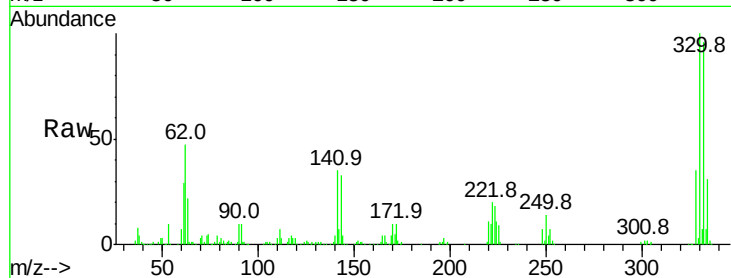




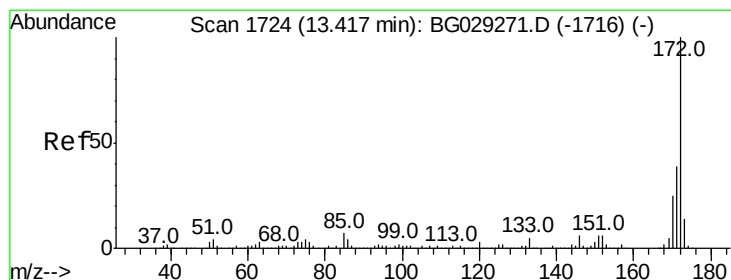
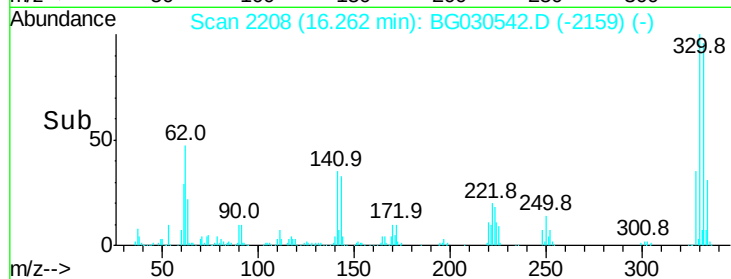
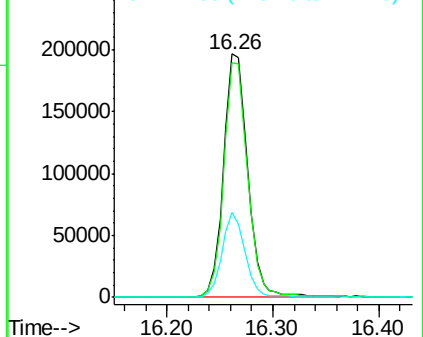
#41
 2,4,6-Tribromophenol
 Concen: 150.355 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG030542.D
 Acq: 29 Oct 2017 1:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	33.2	25.2	37.8

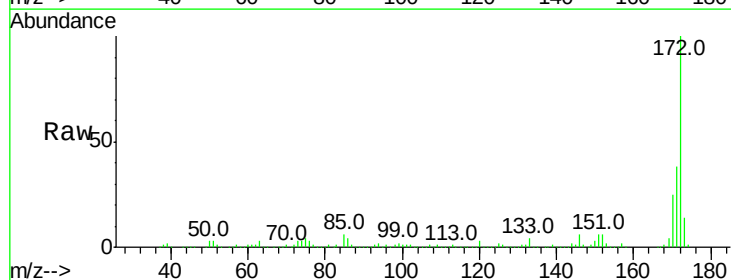


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

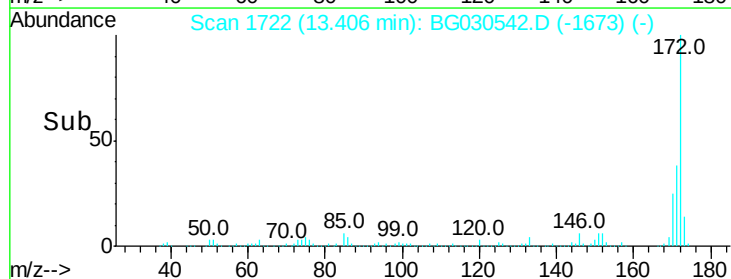
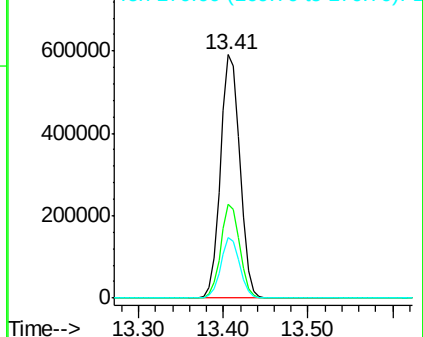


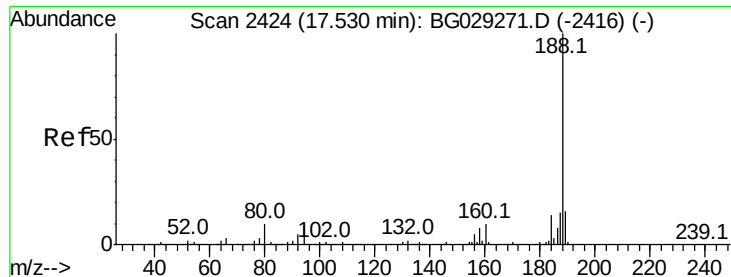
#44
 2-Fluorobiphenyl
 Concen: 86.259 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG030542.D
 Acq: 29 Oct 2017 1:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	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

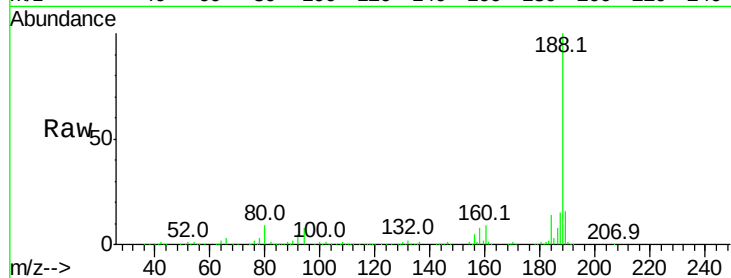




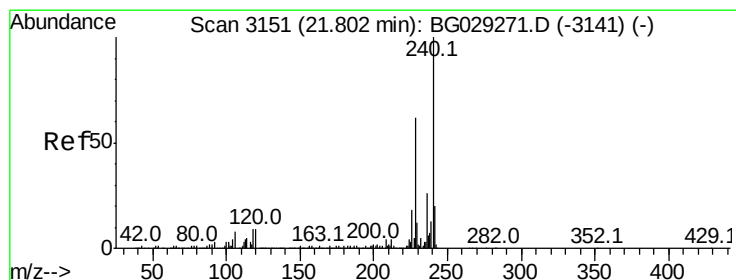
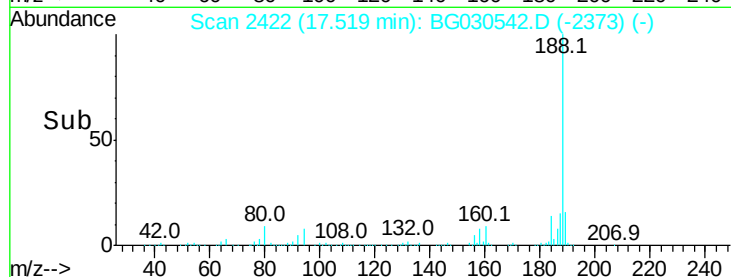
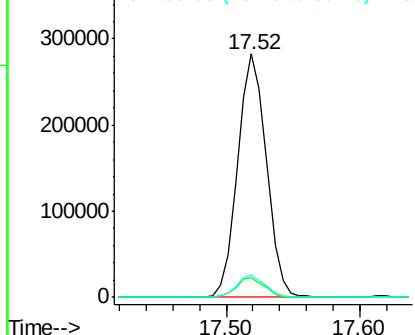
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030542.D
 Acq: 29 Oct 2017 1:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 419892
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.9 10.3
 80 8.9 7.7 11.5

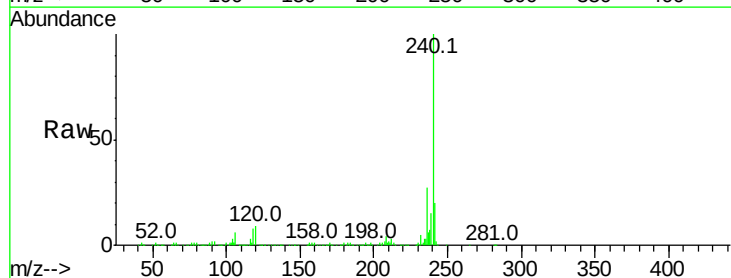


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

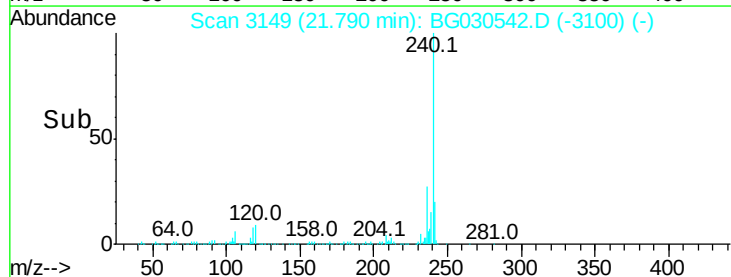
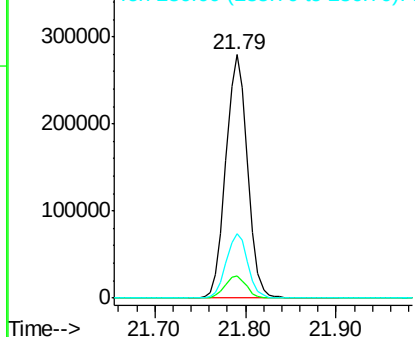


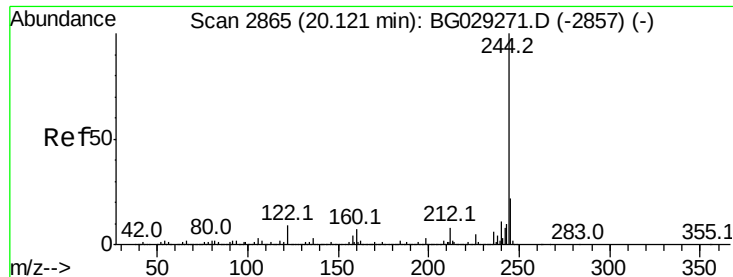
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG030542.D
 Acq: 29 Oct 2017 1:21

Tgt Ion:240 Resp: 461860
 Ion Ratio Lower Upper
 240 100
 120 9.3 6.8 10.2
 236 26.6 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: 80.673 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030542.D

Acq: 29 Oct 2017 1:21

Instrument :

BNA_G

ClientSampleId :

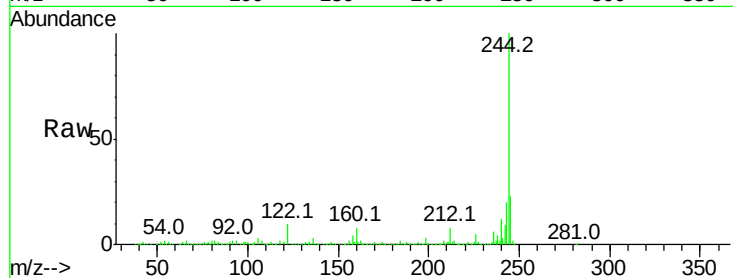
Tot Ion:244 Resp: 1637830

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

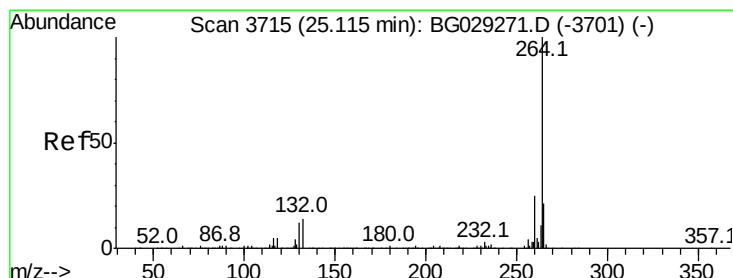
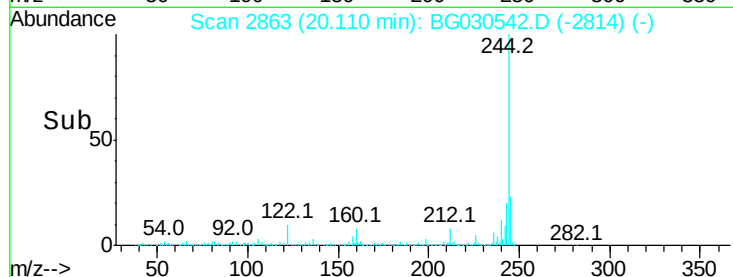
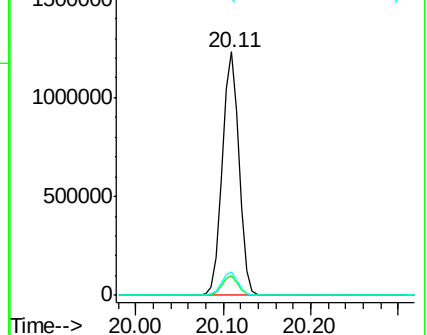
122 9.6 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG030542.D

Acq: 29 Oct 2017 1:21

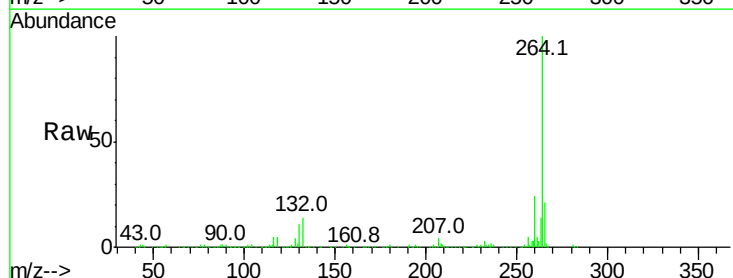
Tgt Ion:264 Resp: 456207

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 20.5 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

