

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030544.D
 Acq On : 29 Oct 2017 2:41
 Operator : SJ/JU
 Sample : PB103762TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103762TB

Quant Time: Oct 30 06:52:23 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	63521	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	264996	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	178866	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	470034	20.00	ng	0.00
75) Chrysene-d12	21.79	240	518127	20.00	ng	0.00
86) Perylene-d12	25.10	264	508709	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	337277	88.70	ng	0.00
7) Phenol-d6	7.31	99	428684	80.32	ng	0.00
23) Nitrobenzene-d5	9.33	82	243470	58.39	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	224212	97.09	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	688861	56.48	ng	0.00
78) Terphenyl-d14	20.11	244	1240363	54.46	ng	-0.02

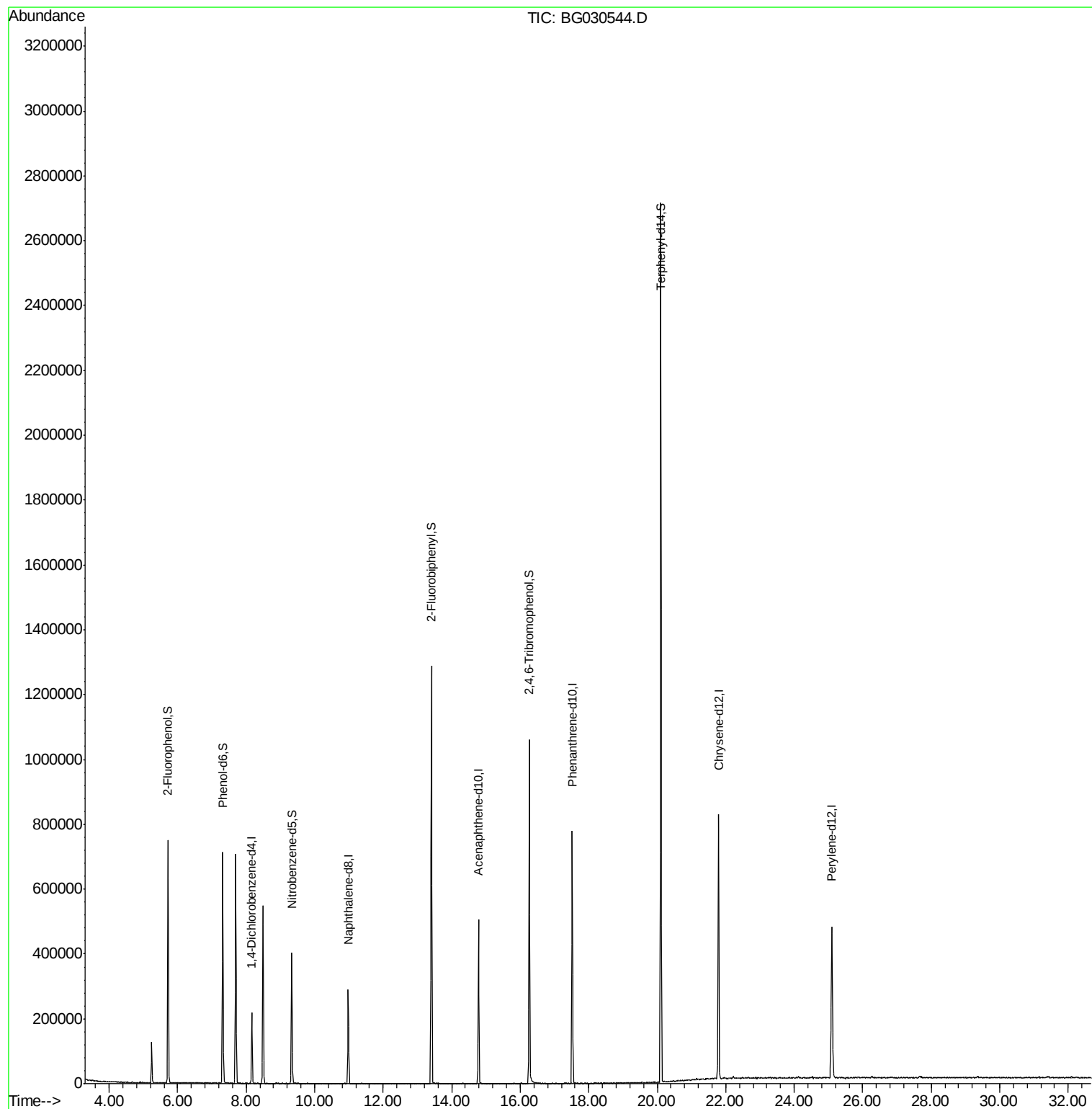
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
Data File : BG030544.D
Acq On : 29 Oct 2017 2:41
Operator : SJ/JU
Sample : PB103762TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB103762TB

Quant Time: Oct 30 06:52:23 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



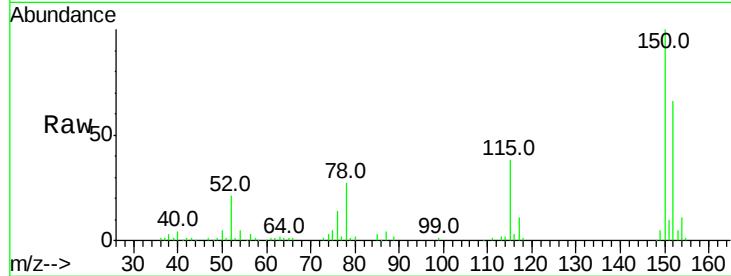


#1

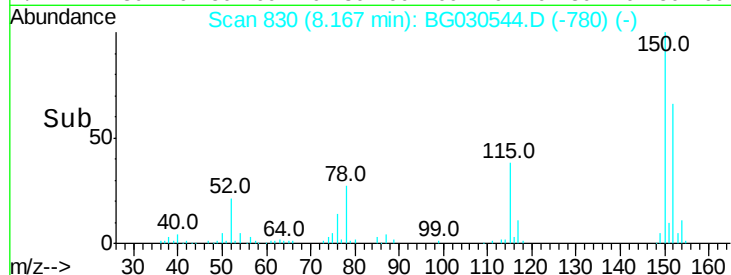
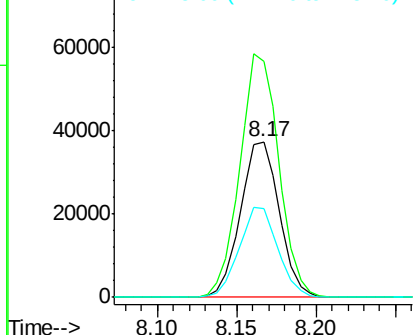
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030544.D
Acq: 29 Oct 2017 2:41

Instrument :
BNA_G
ClientSampleId :
PB103762TB

Tot Ion:152 Resp: 63521
Ion Ratio Lower Upper
152 100
150 151.8 126.6 189.8
115 57.3 53.0 79.4



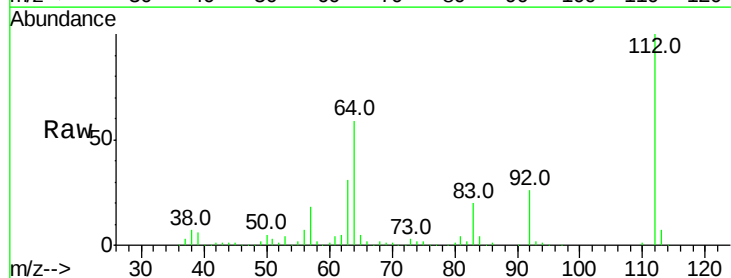
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



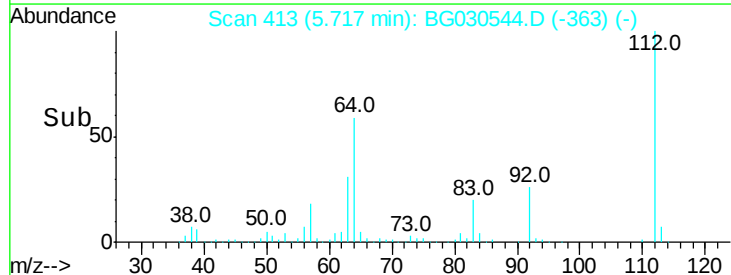
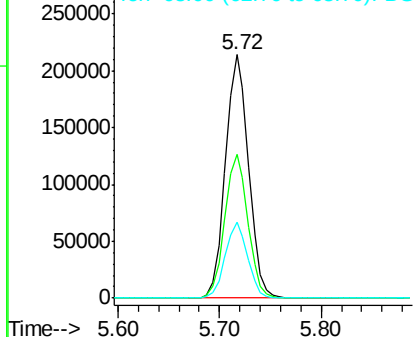
#5

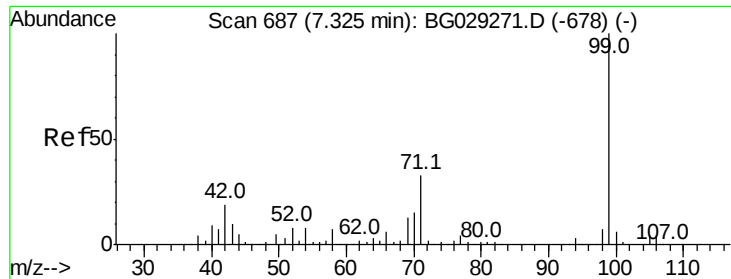
2-Fluorophenol
Concen: 88.701 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030544.D
Acq: 29 Oct 2017 2:41

Tgt Ion:112 Resp: 337277
Ion Ratio Lower Upper
112 100
64 59.1 56.3 84.5
63 31.0 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: 80.319 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG030544.D

Acq: 29 Oct 2017 2:41

Instrument :

BNA_G

ClientSampleId :

PB103762TB

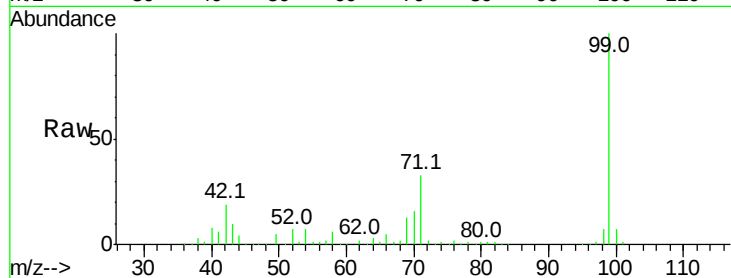
Tot Ion: 99 Resp: 428684

Ion Ratio Lower Upper

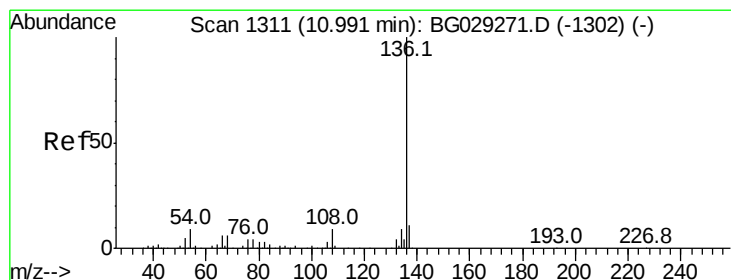
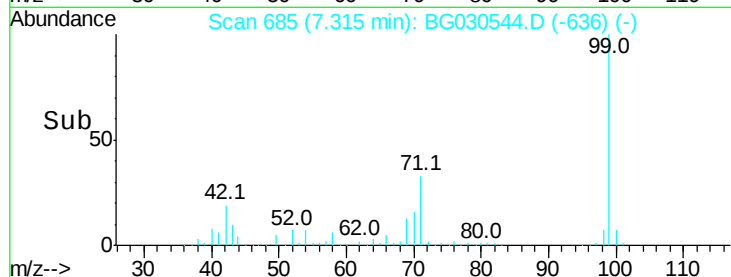
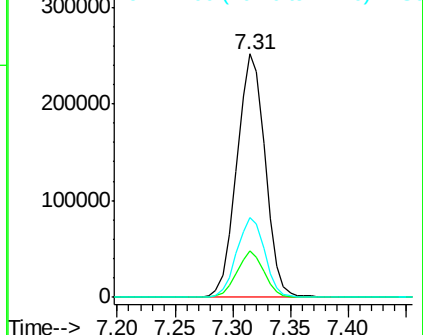
99 100

42 18.9 14.1 21.1

71 32.7 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: BG030544.D

Acq: 29 Oct 2017 2:41

Tgt Ion: 136 Resp: 264996

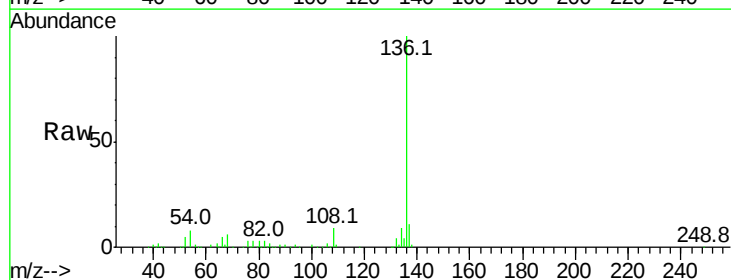
Ion Ratio Lower Upper

136 100

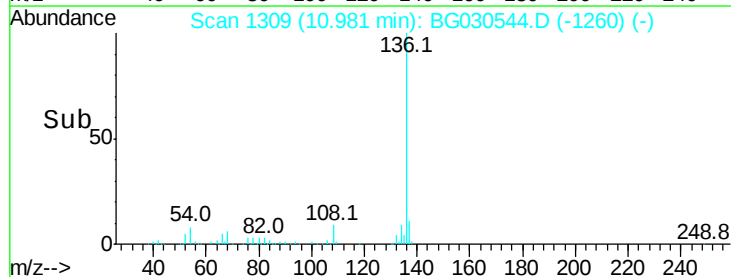
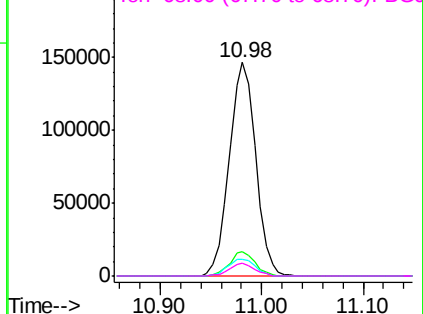
137 11.4 9.2 13.8

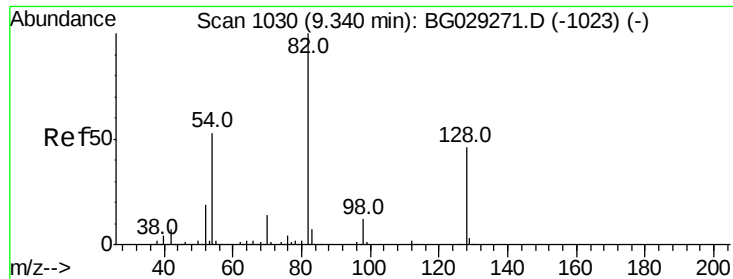
54 7.9 10.3 15.5#

68 6.0 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

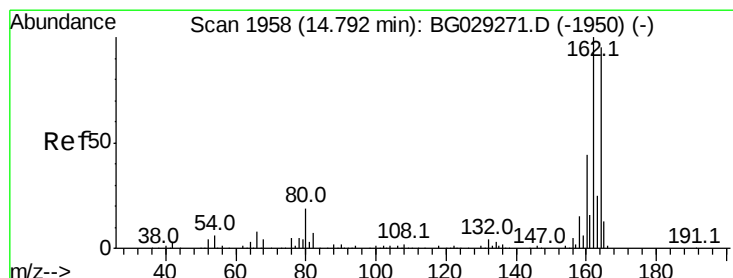
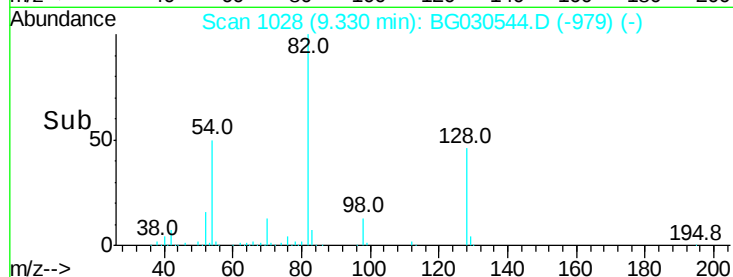
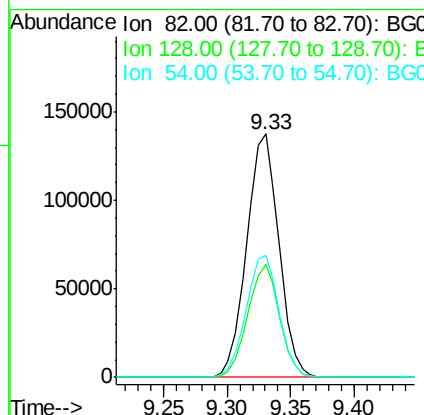
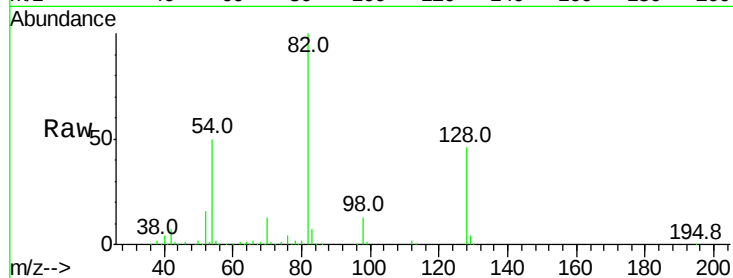




#23
Nitrobenzene-d5
Concen: 58.385 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030544.D
Acq: 29 Oct 2017 2:41

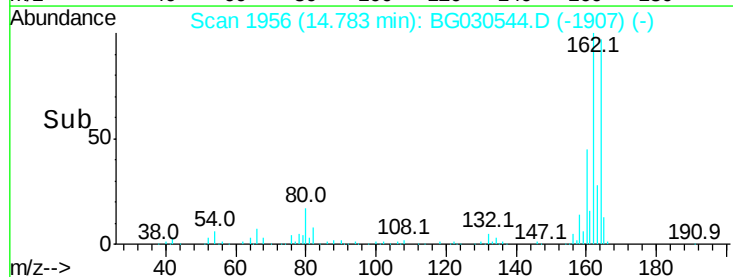
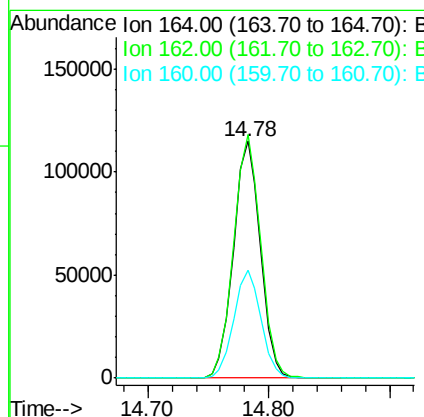
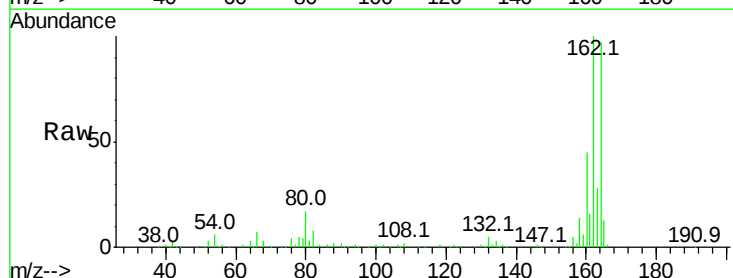
Instrument :
BNA_G
ClientSampleId :
PB103762TB

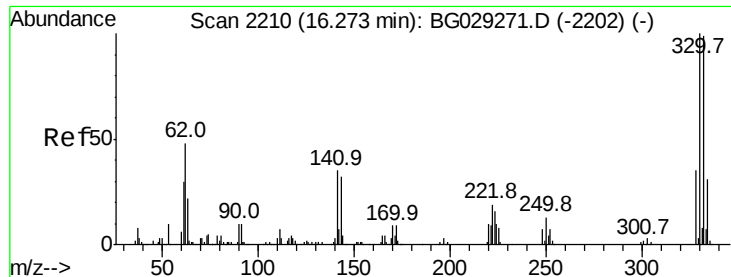
Tot Ion: 82 Resp: 243470
Ion Ratio Lower Upper
82 100
128 46.5 29.7 44.5#
54 50.2 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030544.D
Acq: 29 Oct 2017 2:41

Tgt Ion: 164 Resp: 178866
Ion Ratio Lower Upper
164 100
162 102.8 78.8 118.2
160 45.8 35.4 53.0

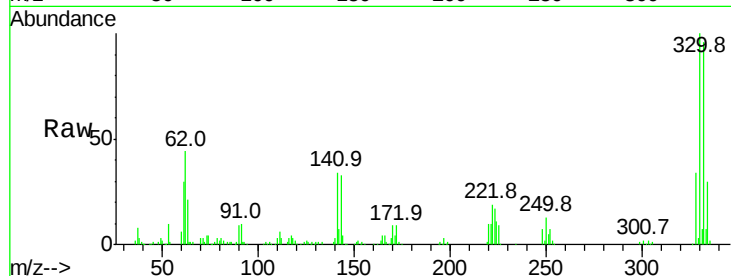




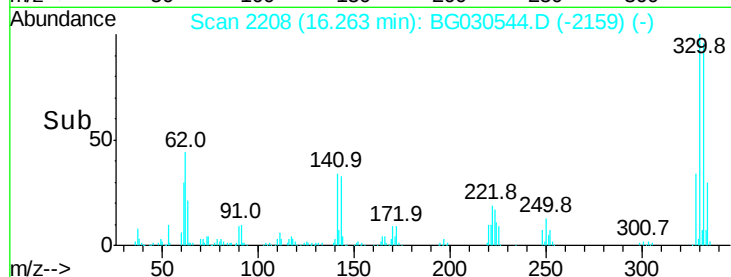
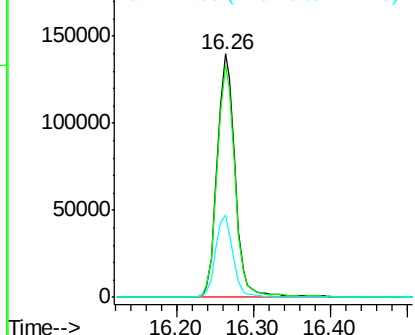
#41
 2,4,6-Tribromophenol
 Concen: 97.089 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG030544.D
 Acq: 29 Oct 2017 2:41

Instrument :
 BNA_G
 ClientSampleId :
 PB103762TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	32.6	25.2	37.8

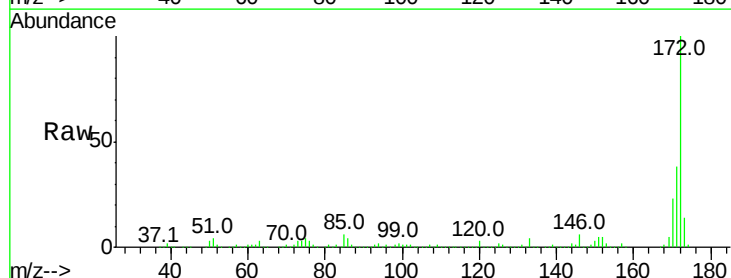


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

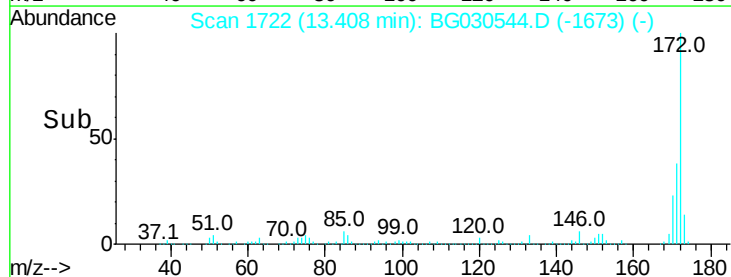
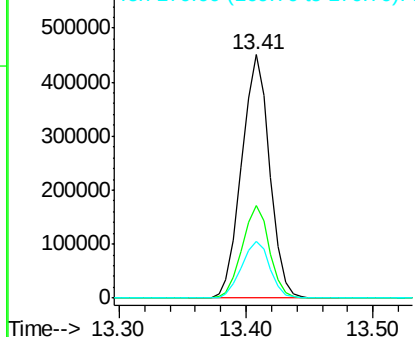


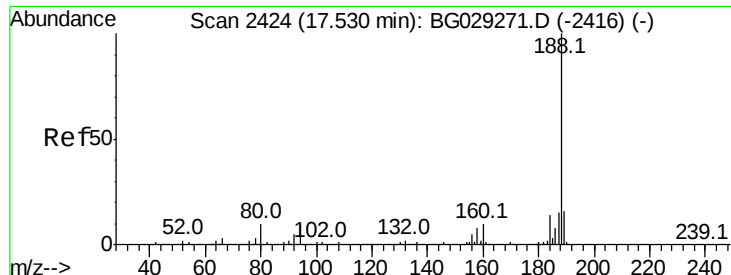
#44
 2-Fluorobiphenyl
 Concen: 56.485 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG030544.D
 Acq: 29 Oct 2017 2:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.2	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

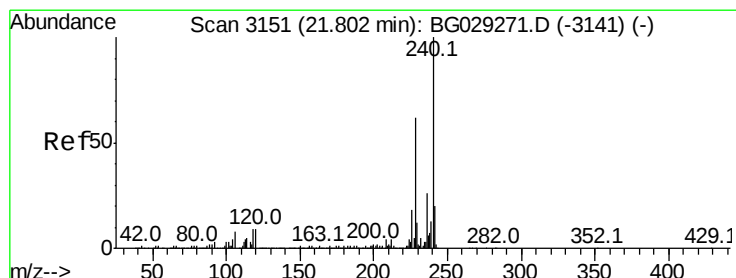
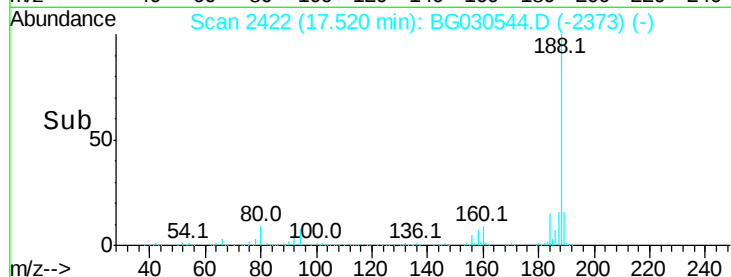
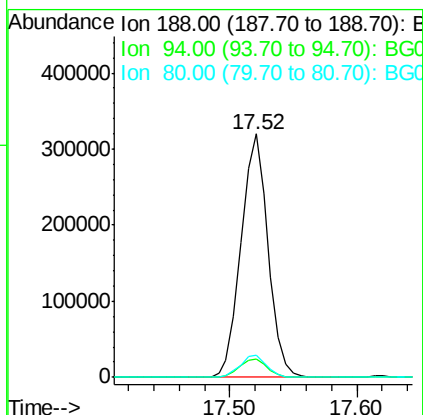
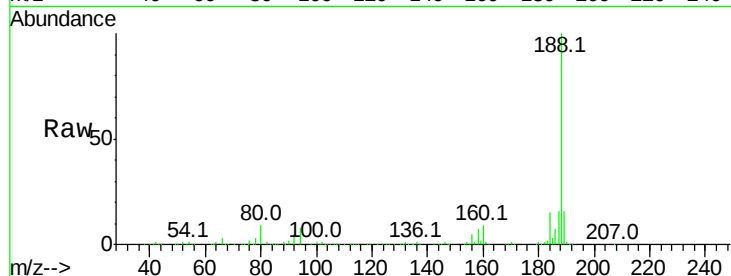




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030544.D
Acq: 29 Oct 2017 2:41

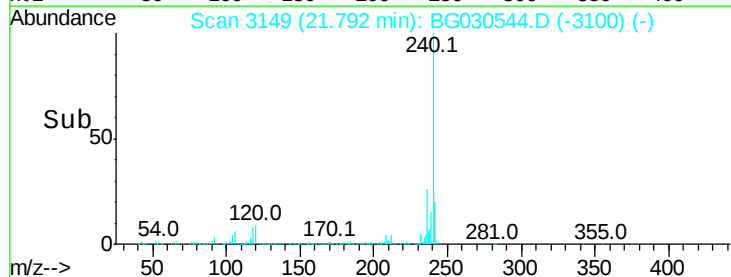
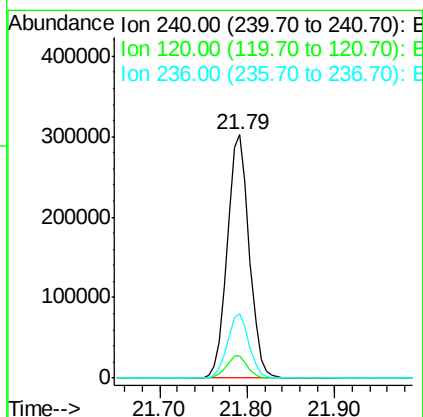
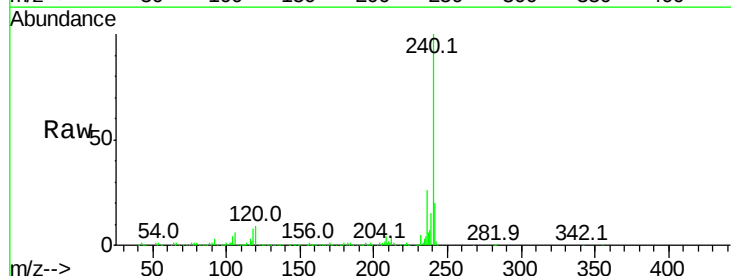
Instrument :
BNA_G
ClientSampleId :
PB103762TB

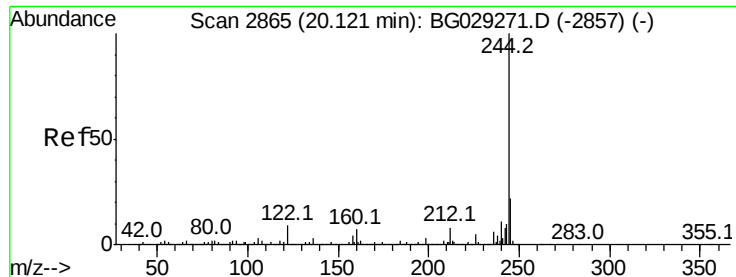
Tot Ion:188 Resp: 470034
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 9.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG030544.D
Acq: 29 Oct 2017 2:41

Tgt Ion:240 Resp: 518127
Ion Ratio Lower Upper
240 100
120 9.0 6.8 10.2
236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 54.460 ng

RT: 20.11 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BG030544.D

Acq: 29 Oct 2017 2:41

Instrument :

BNA_G

ClientSampleId :

PB103762TB

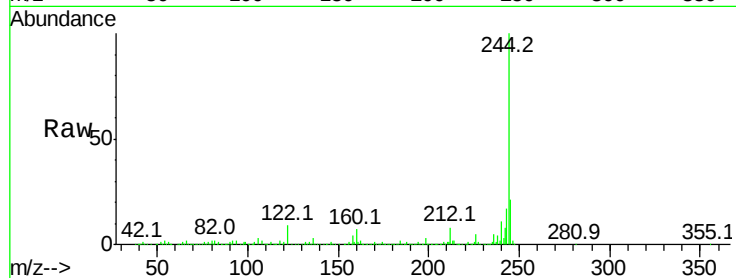
Tot Ion:244 Resp: 1240363

Ion Ratio Lower Upper

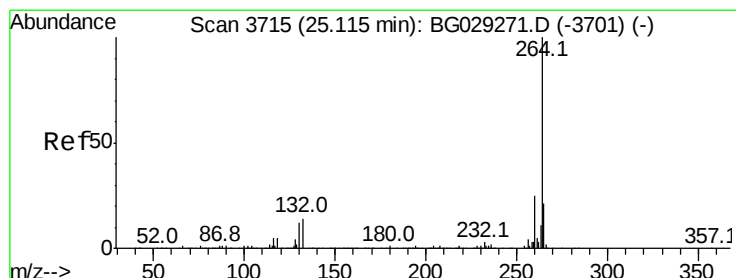
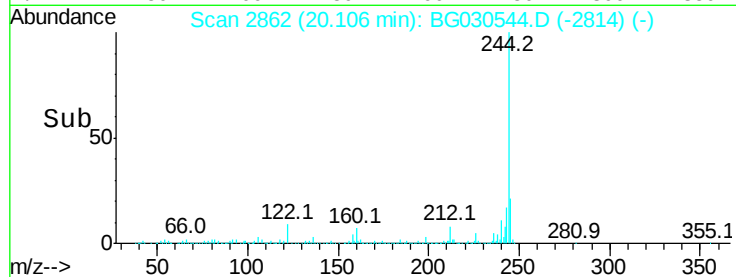
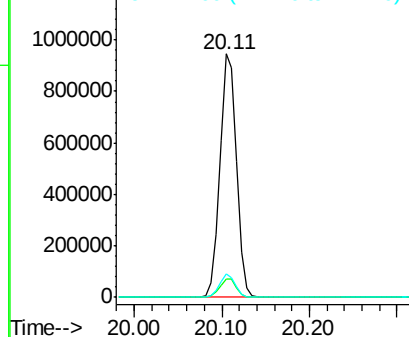
244 100

212 7.6 5.8 8.8

122 9.5 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# 3712

Delta R.T. -0.02 min

Lab File: BG030544.D

Acq: 29 Oct 2017 2:41

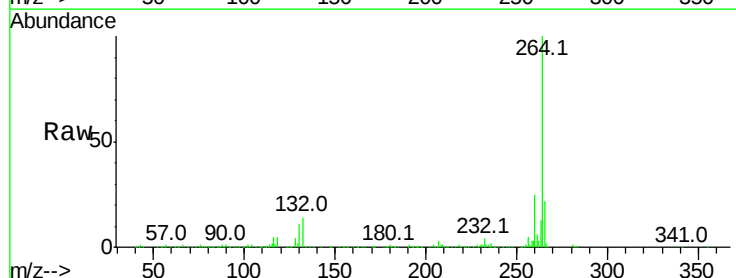
Tgt Ion:264 Resp: 508709

Ion Ratio Lower Upper

264 100

260 24.8 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

