

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 :

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

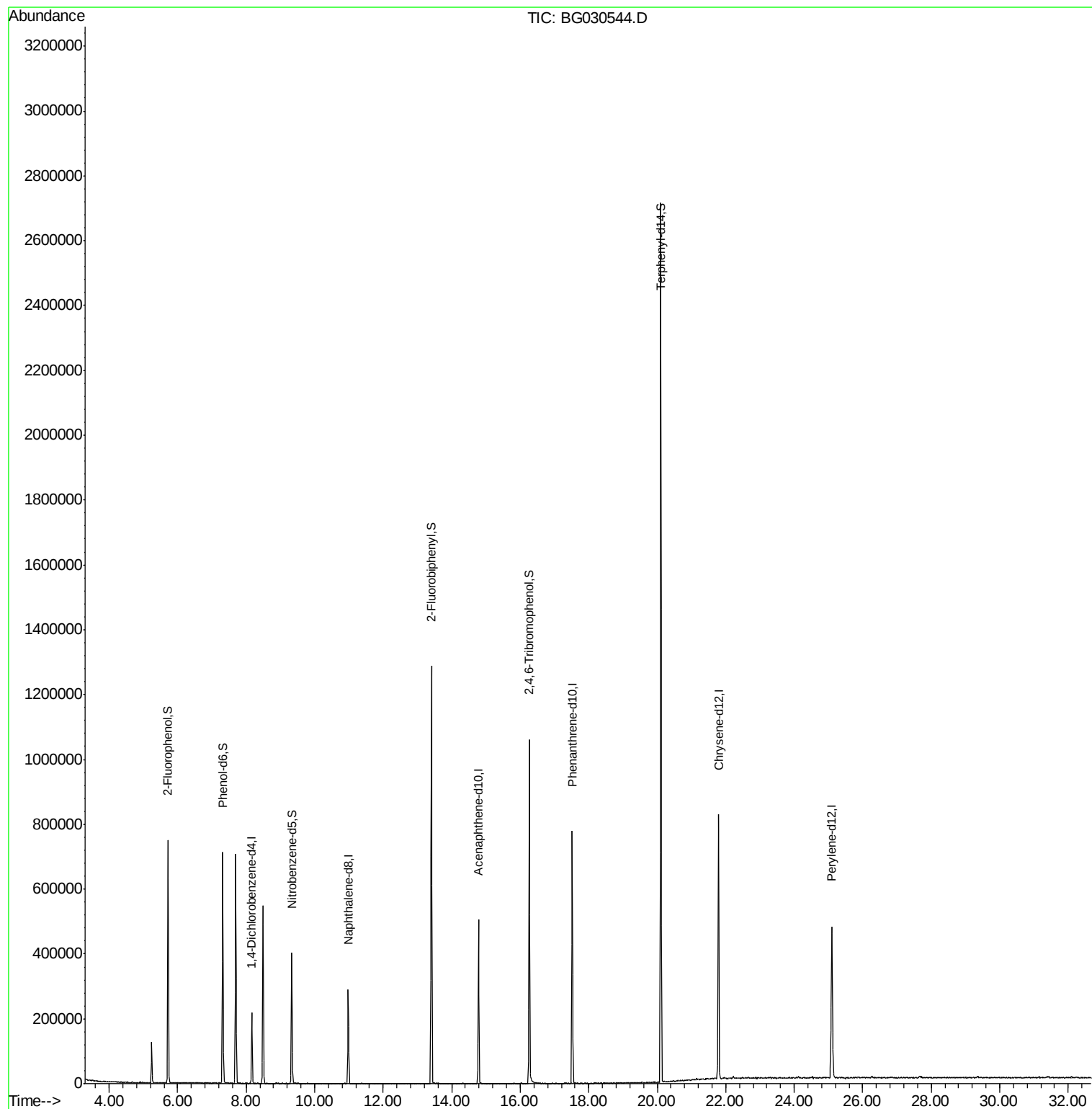
Target Compounds Qvalue

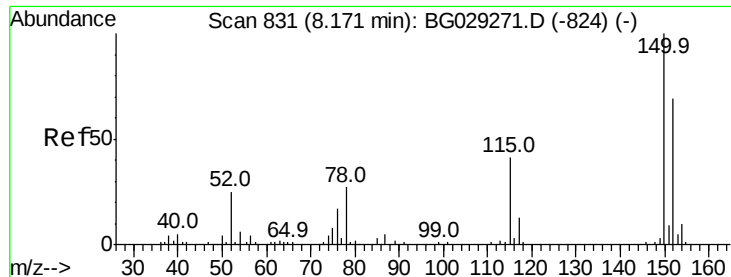
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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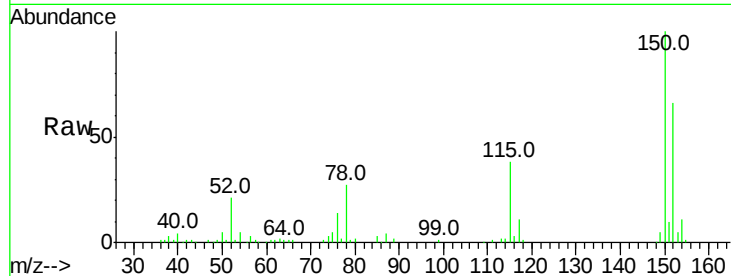


#1

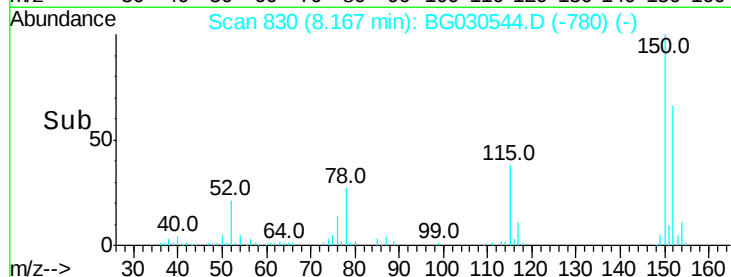
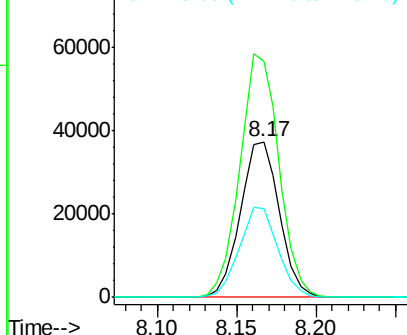
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030544.D
Acq: 29 Oct 2017 2:41

Instrument :
BNA_G
ClientSampleId :

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



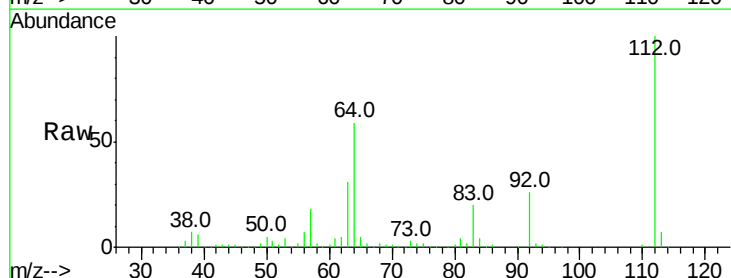
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



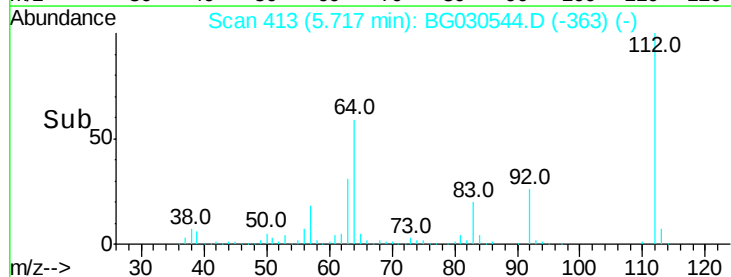
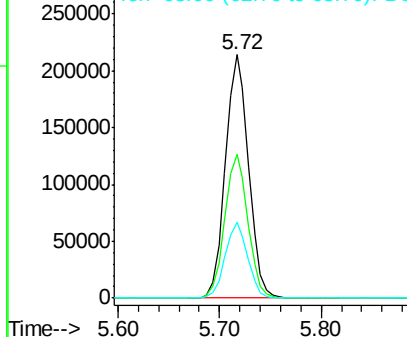
#5

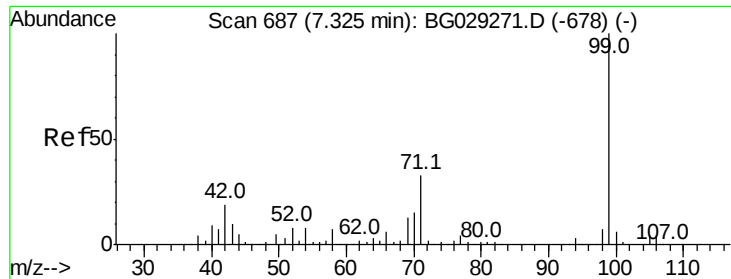
2-Fluorophenol
Concen: 88.701 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030544.D
Acq: 29 Oct 2017 2:41

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): BG
Ion 63.00 (62.70 to 63.70): BG





#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 :

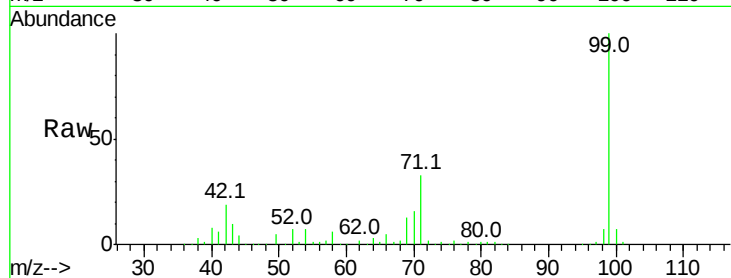
Tot Ion: 99 Resp: 428684

Ion Ratio Lower Upper

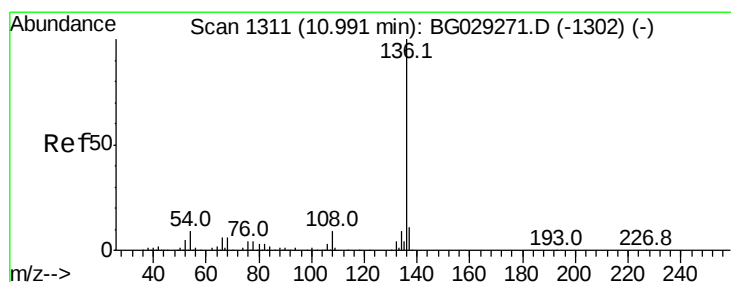
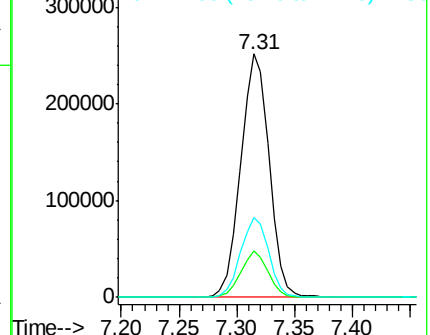
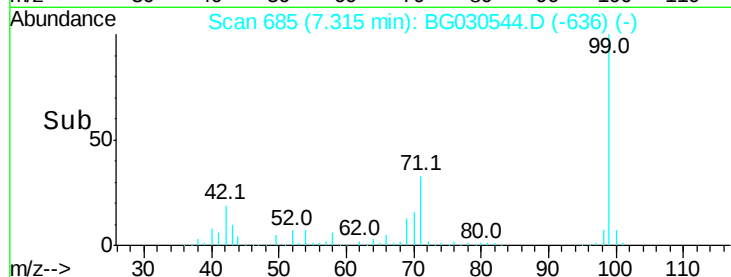
99 100

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

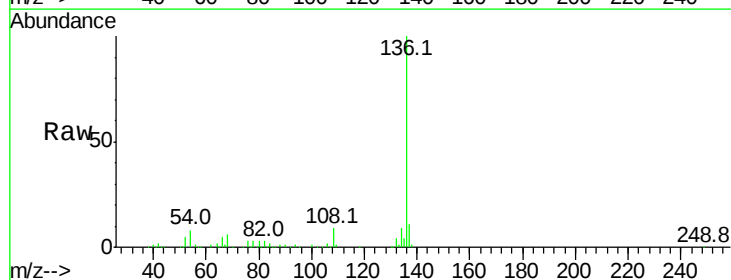
Ion Ratio Lower Upper

136 100

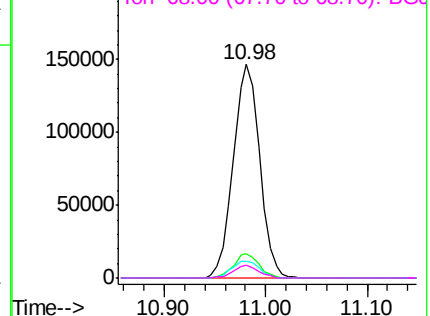
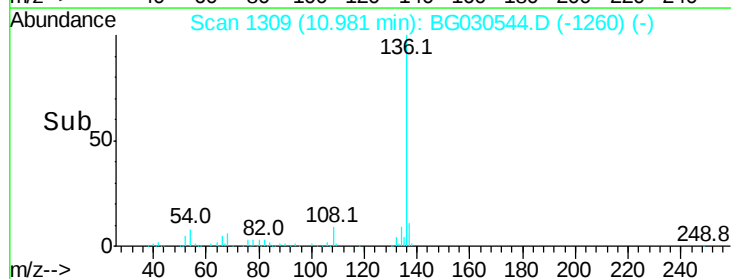
137 11.4 9.2 13.8

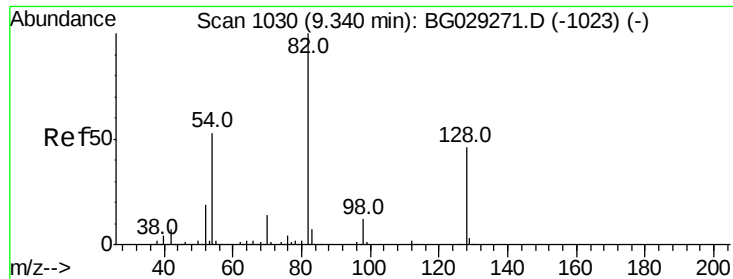
54 7.9 10.3 15.5#

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

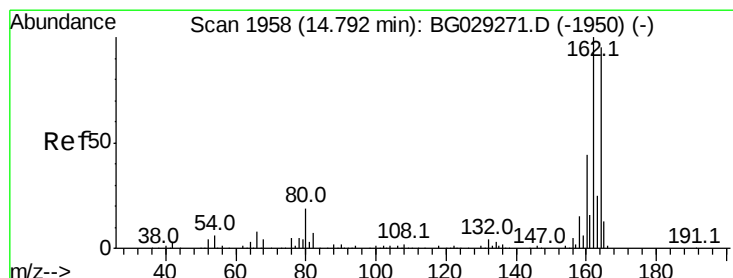
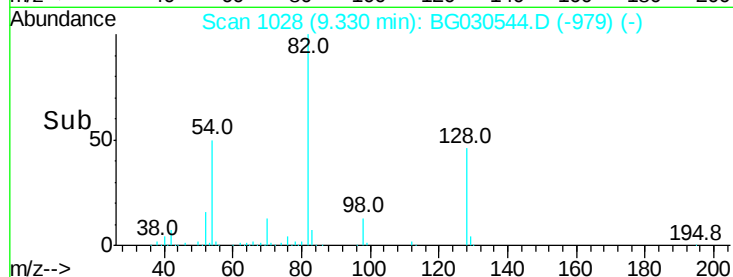
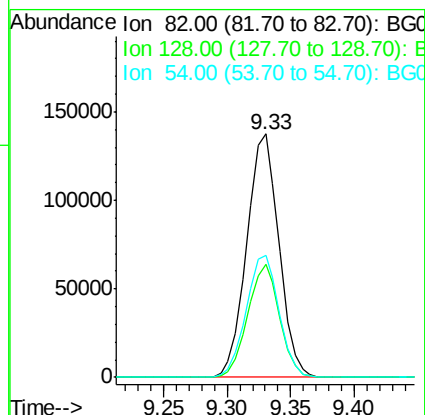
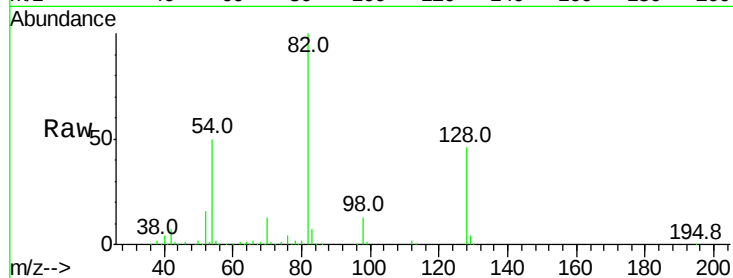




#23
Nitrobenzene-d5
Concen: 58.385 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030544.D
Acq: 29 Oct 2017 2:41

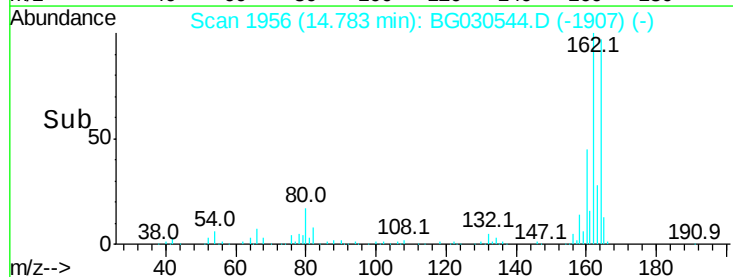
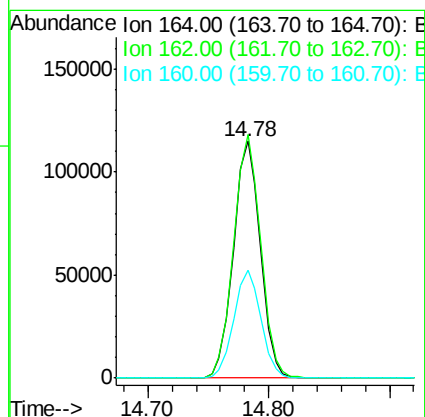
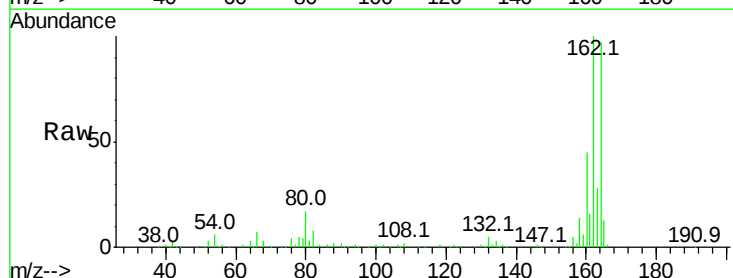
Instrument :
BNA_G
ClientSampleId :

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

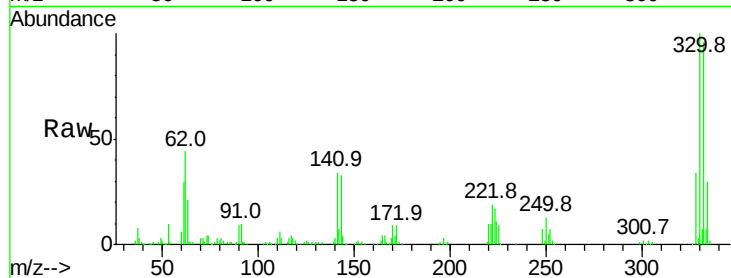




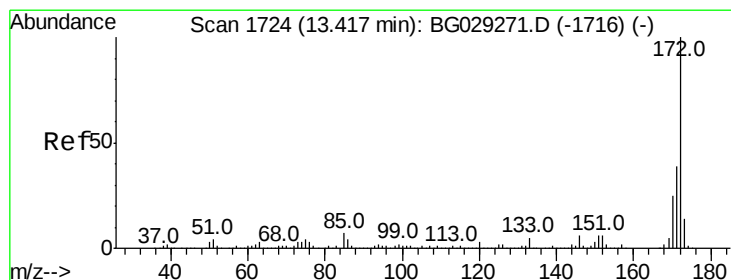
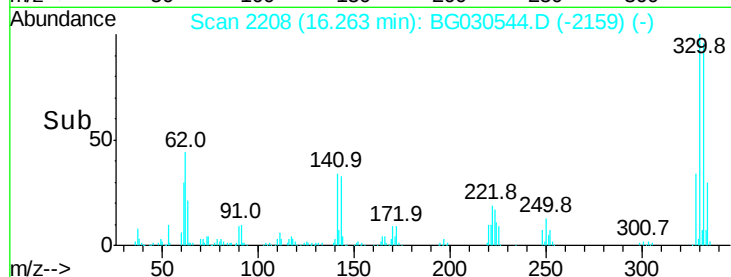
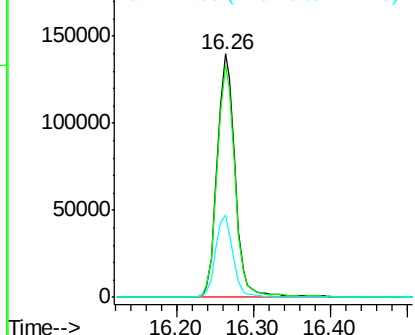
#41
 2,4,6-Tribromophenol
 Concen: 97.089 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG030544.D
 Acq: 29 Oct 2017 2:41

Instrument :
 BNA_G
 ClientSampleId :

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

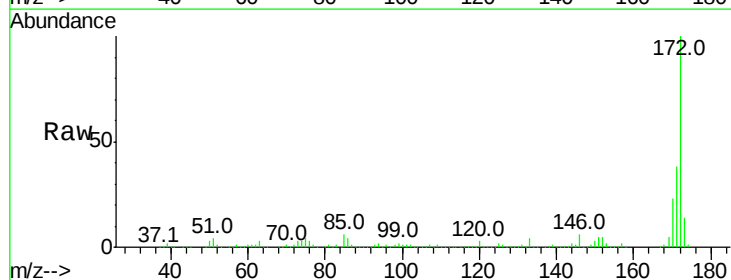


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

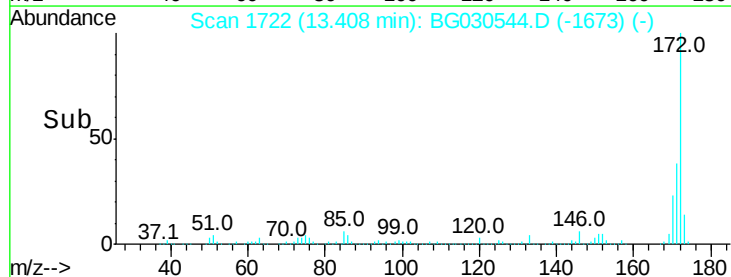
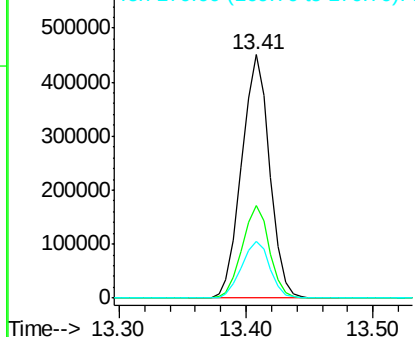


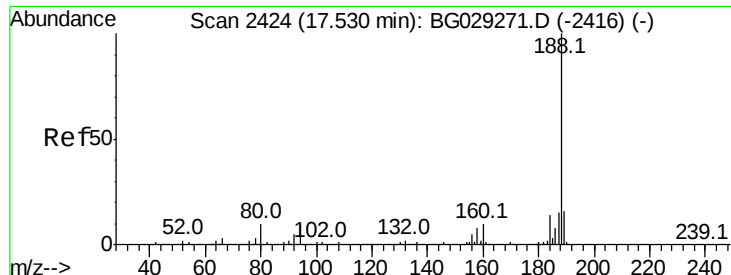
#44
 2-Fluorobiphenyl
 Concen: 56.485 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG030544.D
 Acq: 29 Oct 2017 2:41

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

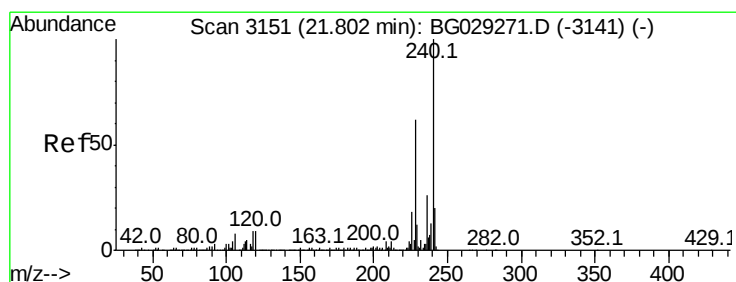
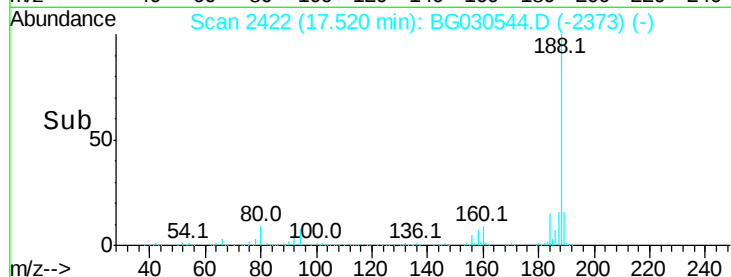
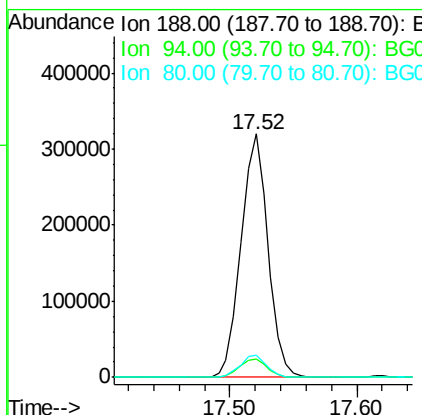
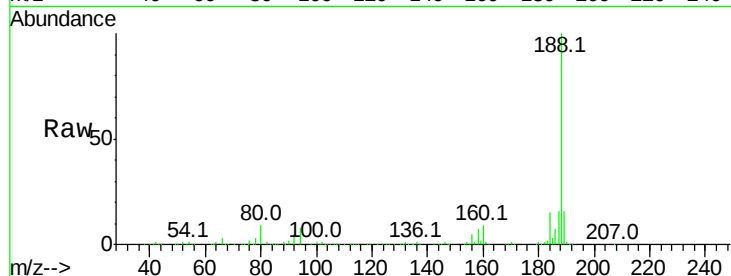




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030544.D
Acq: 29 Oct 2017 2:41

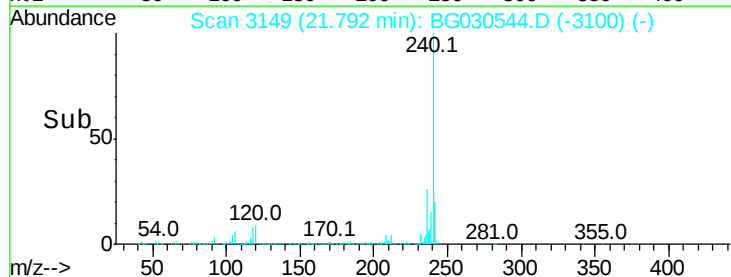
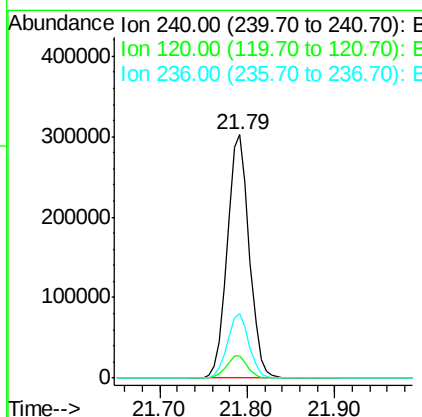
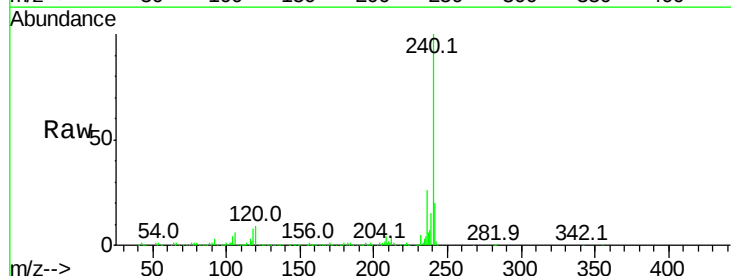
Instrument :
BNA_G
ClientSampleId :

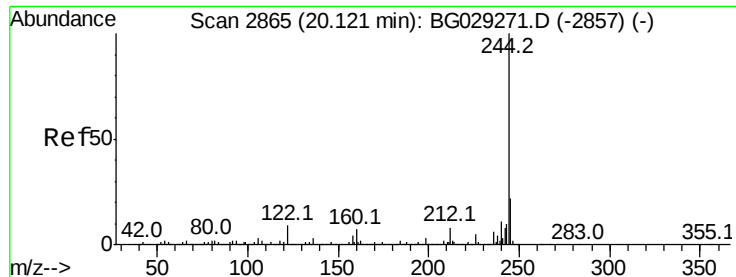
Tot Ion:188 Resp: 470034
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 9.1 7.7 11.5



#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 :

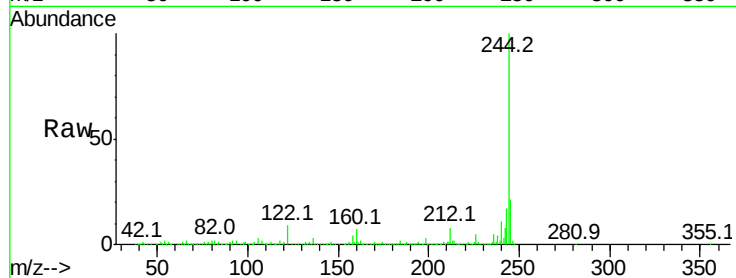
Tot Ion:244 Resp: 1240363

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	9.5	7.0	10.4

244 100

212 7.6 5.8 8.8

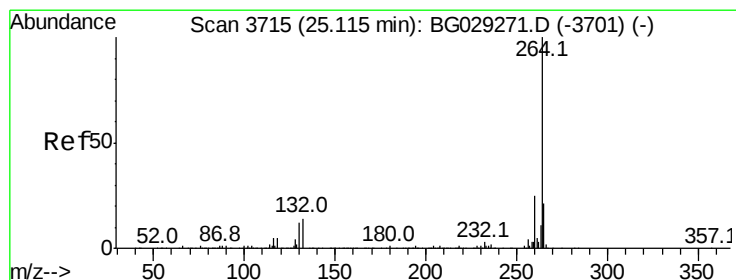
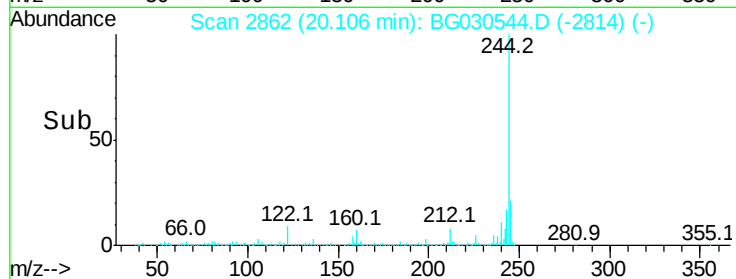
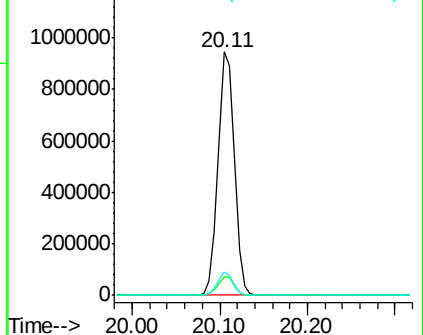
122 9.5 7.0 10.4



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

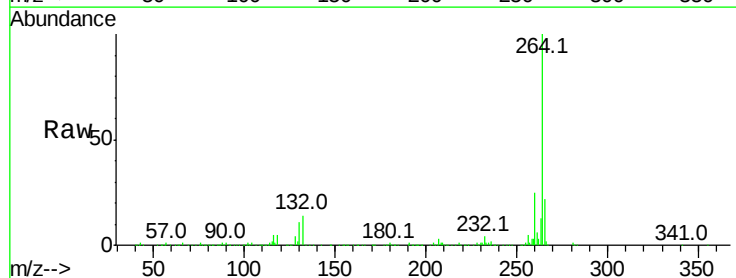
Tgt Ion:264 Resp: 508709

Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	21.8	17.7	26.5

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

