

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030532.D
 Acq On : 28 Oct 2017 18:02
 Operator : SJ/JU
 Sample : PB103686TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103686TB

Quant Time: Oct 30 06:47:02 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	8.16	152	69167	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	289360	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	189719	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	494138	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	542620	20.00	ng	-0.01
86) Perylene-d12	25.10	264	539621	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	532194	128.54	ng	0.00
7) Phenol-d6	7.32	99	681412	117.25	ng	0.00
23) Nitrobenzene-d5	9.33	82	390323	85.72	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	346613	141.51	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1073257	82.97	ng	0.00
78) Terphenyl-d14	20.11	244	1812824	76.00	ng	-0.01

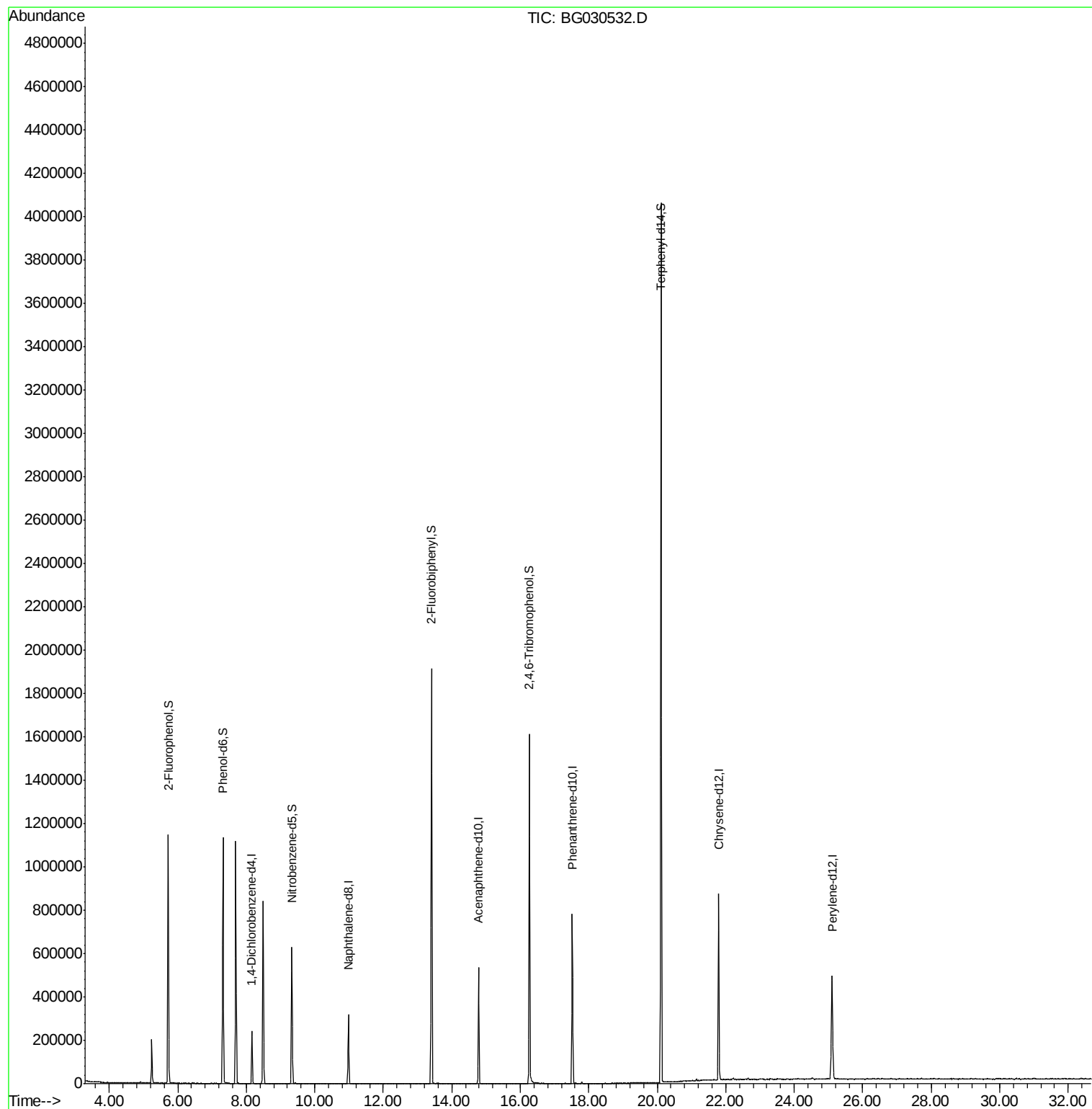
Target Compounds Qvalue

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

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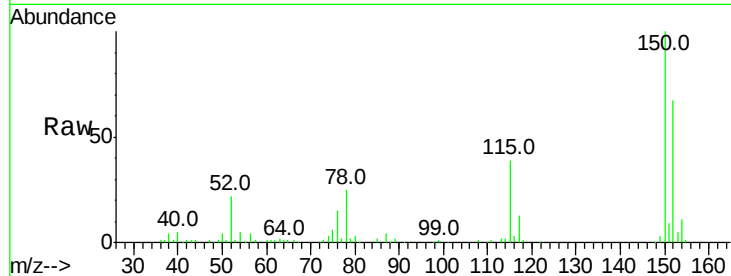


#1

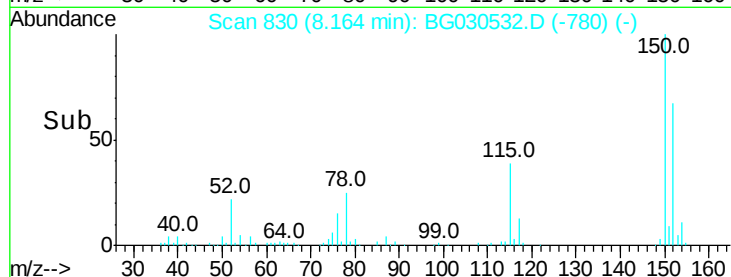
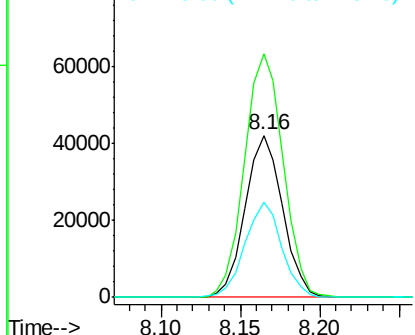
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030532.D
Acq: 28 Oct 2017 18:02

Instrument :
BNA_G
ClientSampleId :
PB103686TB

Tot Ion:152 Resp: 69167
Ion Ratio Lower Upper
152 100
150 150.0 126.6 189.8
115 58.6 53.0 79.4



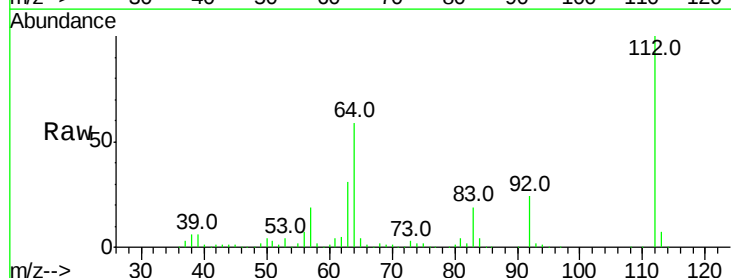
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



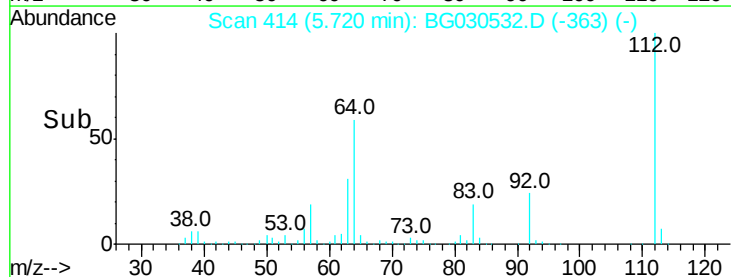
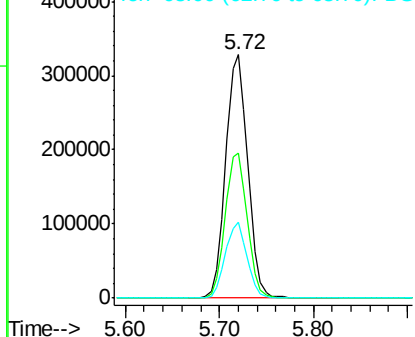
#5

2-Fluorophenol
Concen: 128.538 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030532.D
Acq: 28 Oct 2017 18:02

Tgt Ion:112 Resp: 532194
Ion Ratio Lower Upper
112 100
64 59.5 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: 117.249 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030532.D

Acq: 28 Oct 2017 18:02

Instrument :

BNA_G

ClientSampleId :

PB103686TB

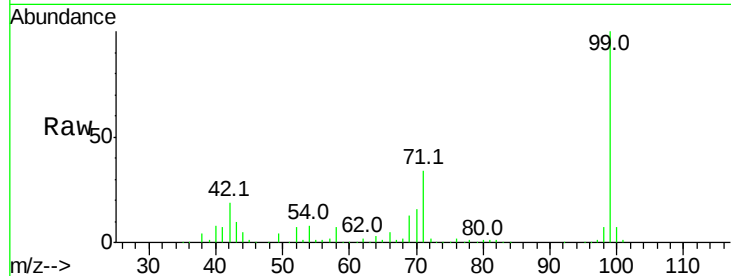
Tot Ion: 99 Resp: 681412

Ion Ratio Lower Upper

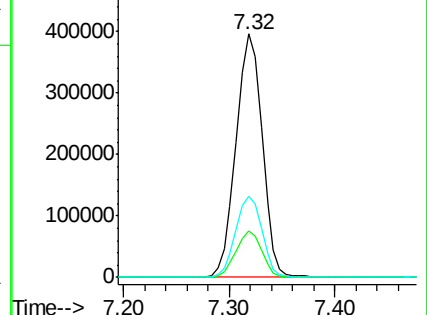
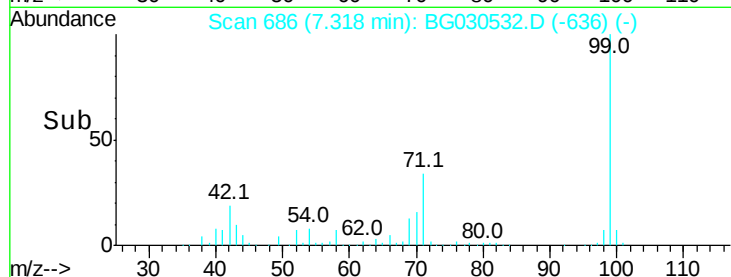
99 100

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# 1310

Delta R.T. -0.01 min

Lab File: BG030532.D

Acq: 28 Oct 2017 18:02

Tgt Ion: 136 Resp: 289360

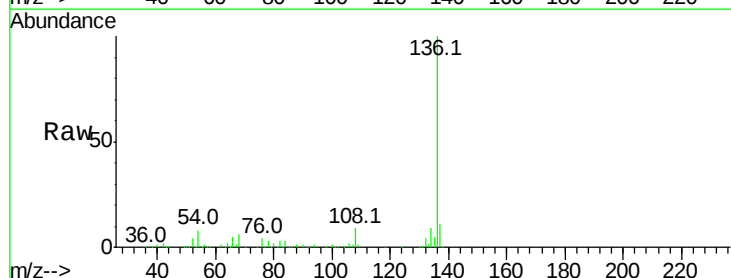
Ion Ratio Lower Upper

136 100

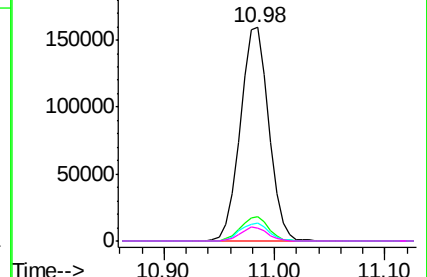
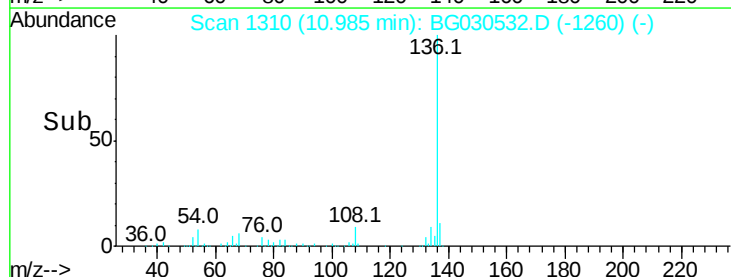
137 11.2 9.2 13.8

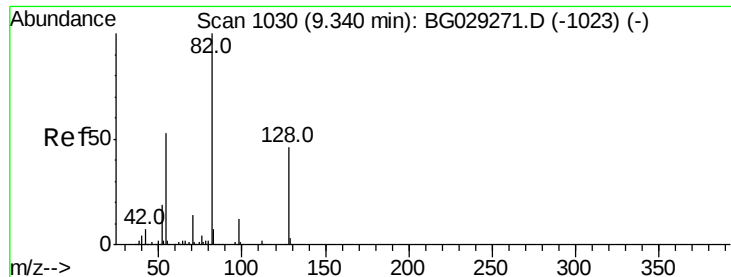
54 8.2 10.3 15.5#

68 5.8 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

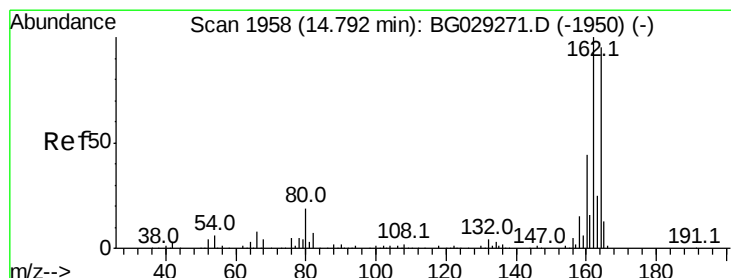
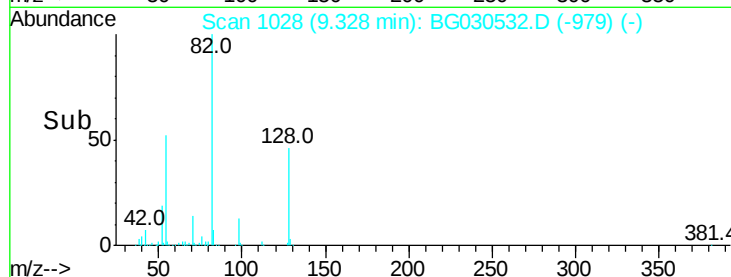
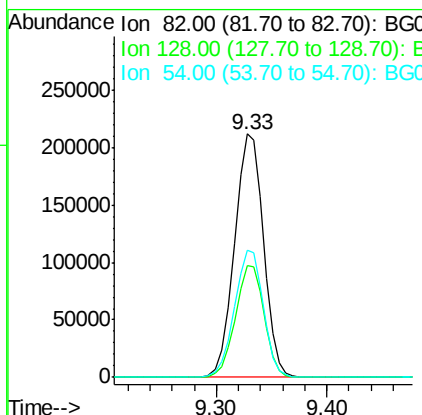
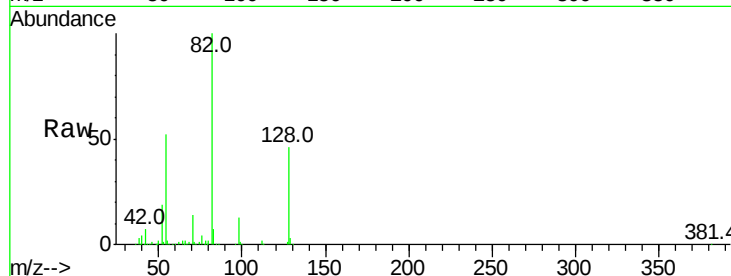




#23
Nitrobenzene-d5
Concen: 85.720 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030532.D
Acq: 28 Oct 2017 18:02

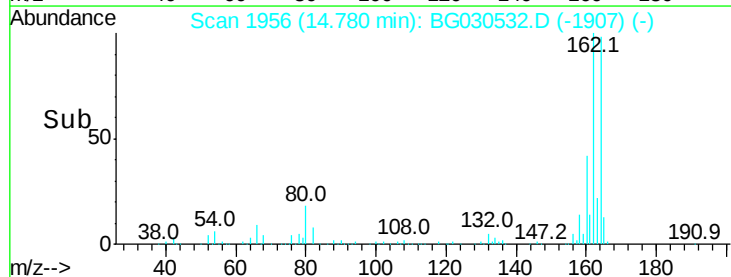
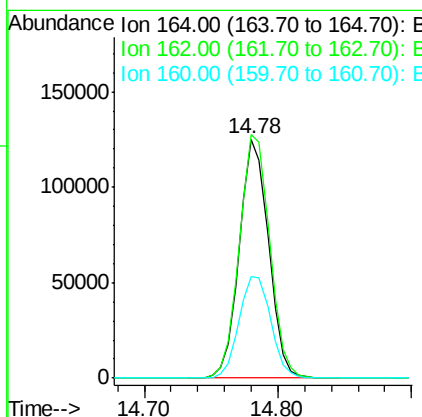
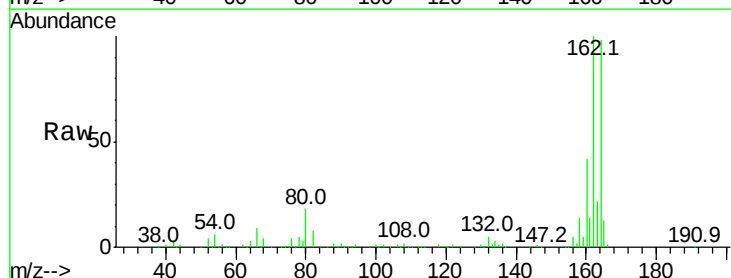
Instrument :
BNA_G
ClientSampleId :
PB103686TB

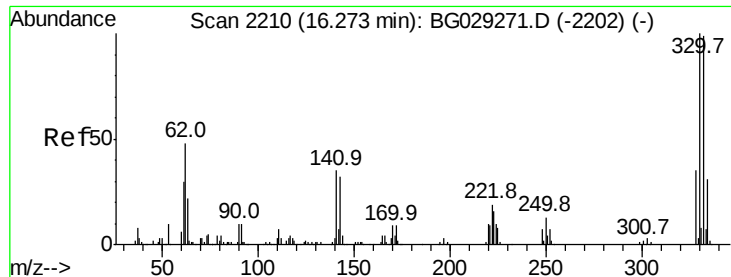
Tot Ion: 82 Resp: 390323
Ion Ratio Lower Upper
82 100
128 45.7 29.7 44.5#
54 52.2 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030532.D
Acq: 28 Oct 2017 18:02

Tgt Ion: 164 Resp: 189719
Ion Ratio Lower Upper
164 100
162 101.8 78.8 118.2
160 42.3 35.4 53.0

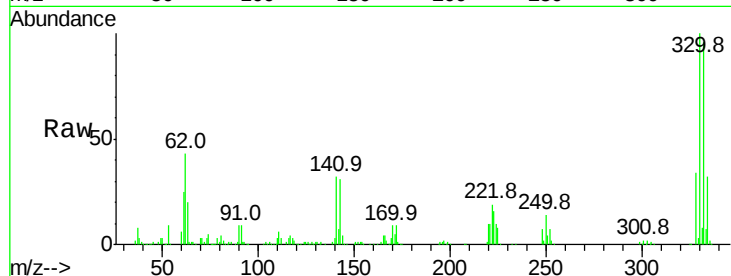




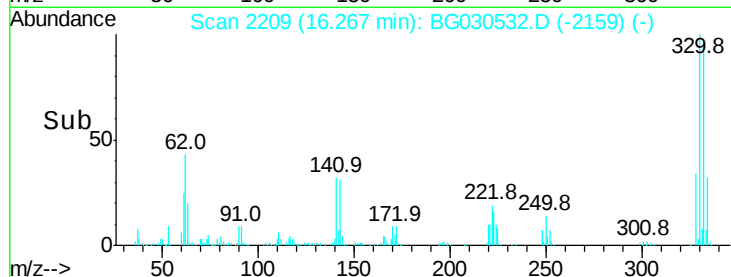
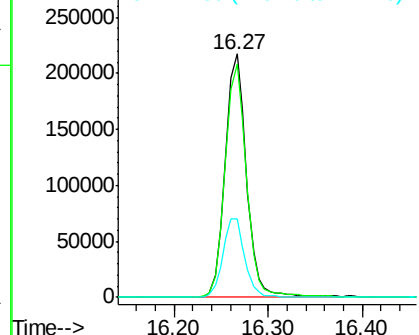
#41
 2,4,6-Tribromophenol
 Concen: 141.506 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030532.D
 Acq: 28 Oct 2017 18:02

Instrument :
 BNA_G
 ClientSampleId :
 PB103686TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.1	25.2	37.8

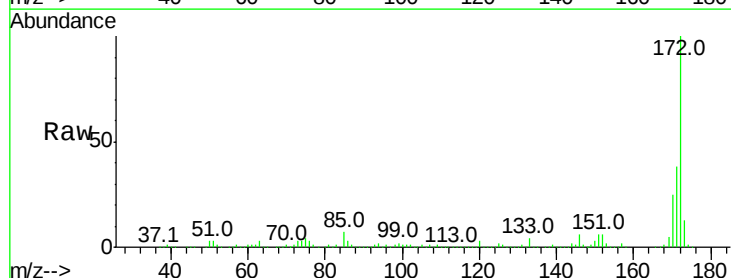


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

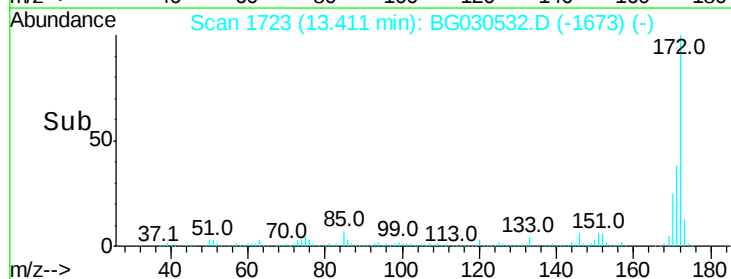
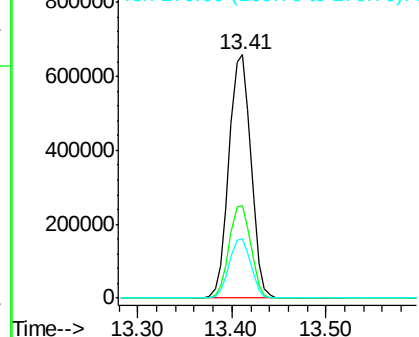


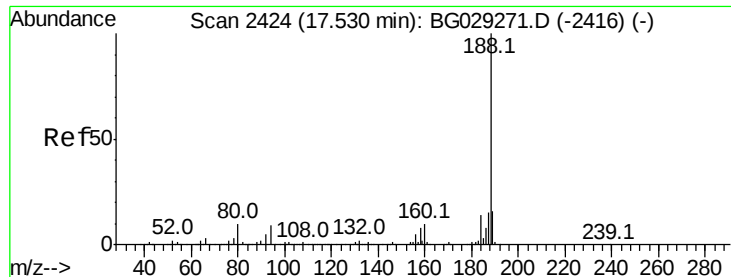
#44
 2-Fluorobiphenyl
 Concen: 82.970 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030532.D
 Acq: 28 Oct 2017 18:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.6	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: BG030532.D

Acq: 28 Oct 2017 18:02

Instrument :

BNA_G

ClientSampleId :

PB103686TB

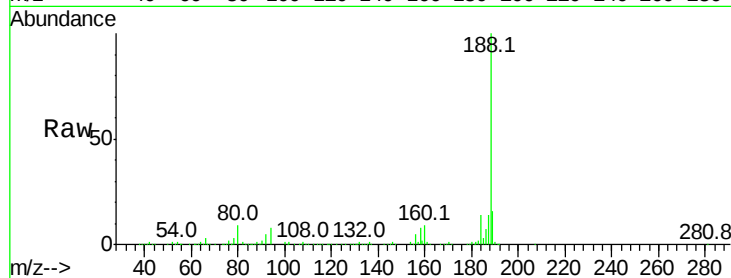
Tot Ion:188 Resp: 494138

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

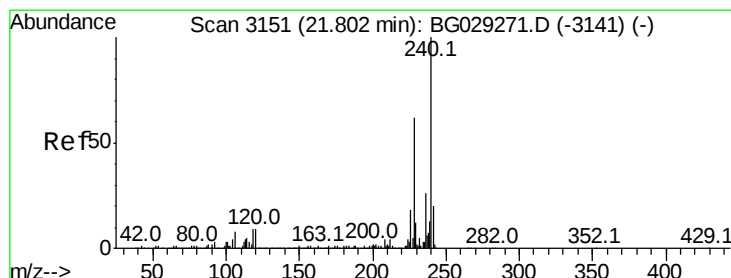
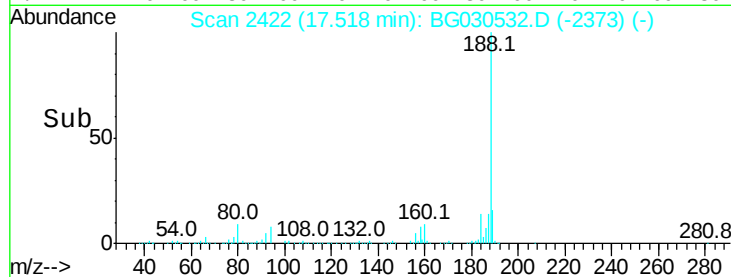
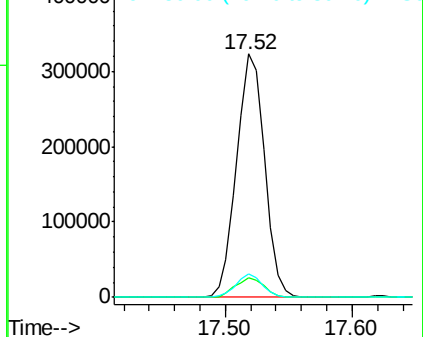
80 9.4 7.7 11.5



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: BG030532.D

Acq: 28 Oct 2017 18:02

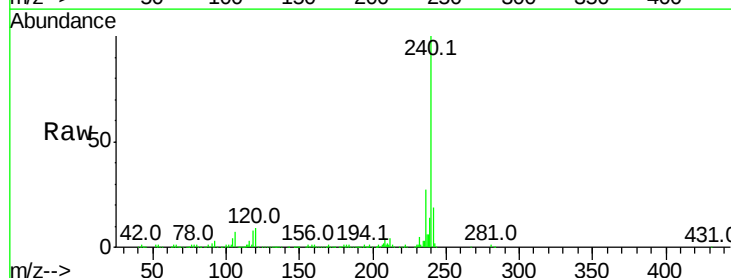
Tgt Ion:240 Resp: 542620

Ion Ratio Lower Upper

240 100

120 8.6 6.8 10.2

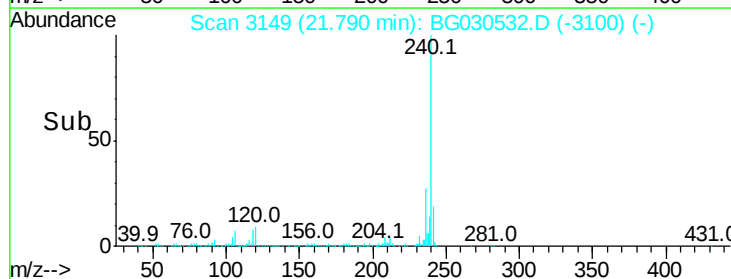
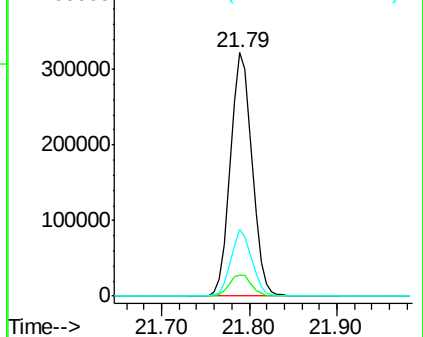
236 27.3 20.9 31.3



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: 76.003 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030532.D

Acq: 28 Oct 2017 18:02

Instrument :

BNA_G

ClientSampleId :

PB103686TB

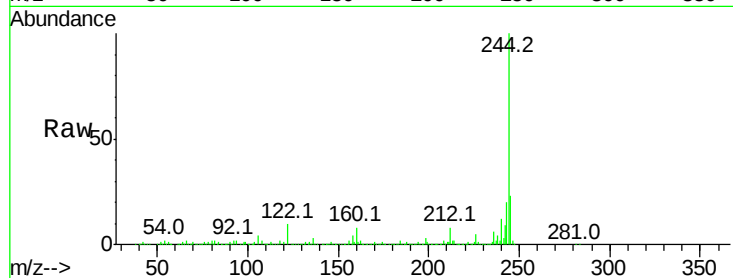
Tot Ion:244 Resp: 1812824

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

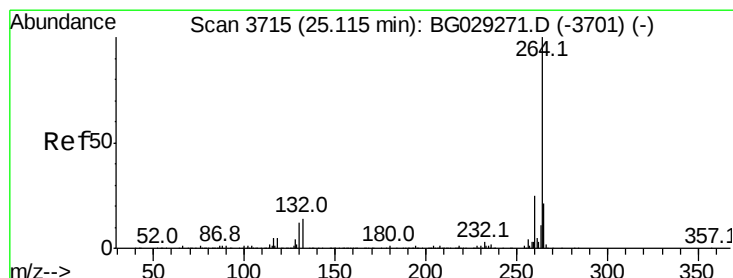
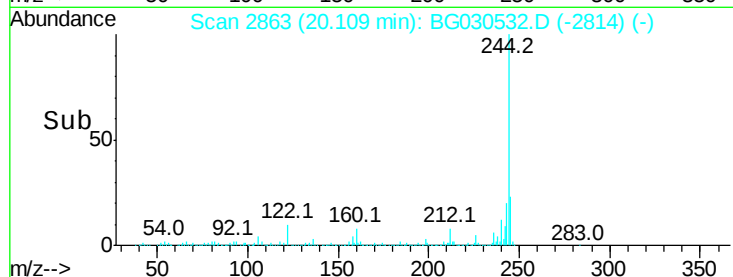
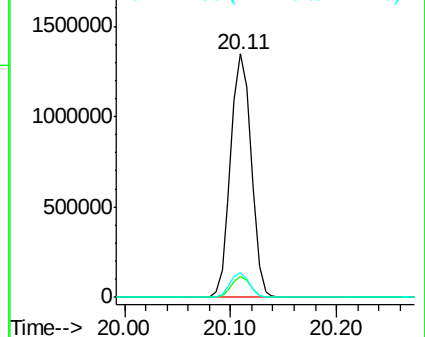
122 10.1 7.0 10.4



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: BG030532.D

Acq: 28 Oct 2017 18:02

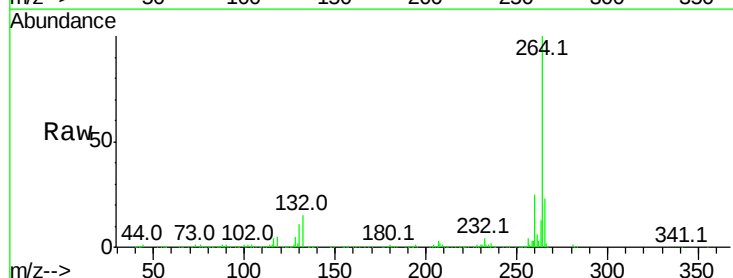
Tgt Ion:264 Resp: 539621

Ion Ratio Lower Upper

264 100

260 25.1 17.4 26.0

265 22.6 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

