

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030550.D
 Acq On : 29 Oct 2017 6:41
 Operator : SJ/JU
 Sample : I6081-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-16-FILL(1-3)

Quant Time: Oct 30 06:55:08 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	78267	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	326478	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	217328	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	567372	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	619522	20.00	ng	-0.01
86) Perylene-d12	25.10	264	612823	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	677870	144.69	ng	0.00
7) Phenol-d6	7.32	99	814778	123.90	ng	0.00
23) Nitrobenzene-d5	9.33	82	552567	107.55	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	486124	173.25	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1378119	93.00	ng	0.00
78) Terphenyl-d14	20.11	244	2422763	88.97	ng	-0.01

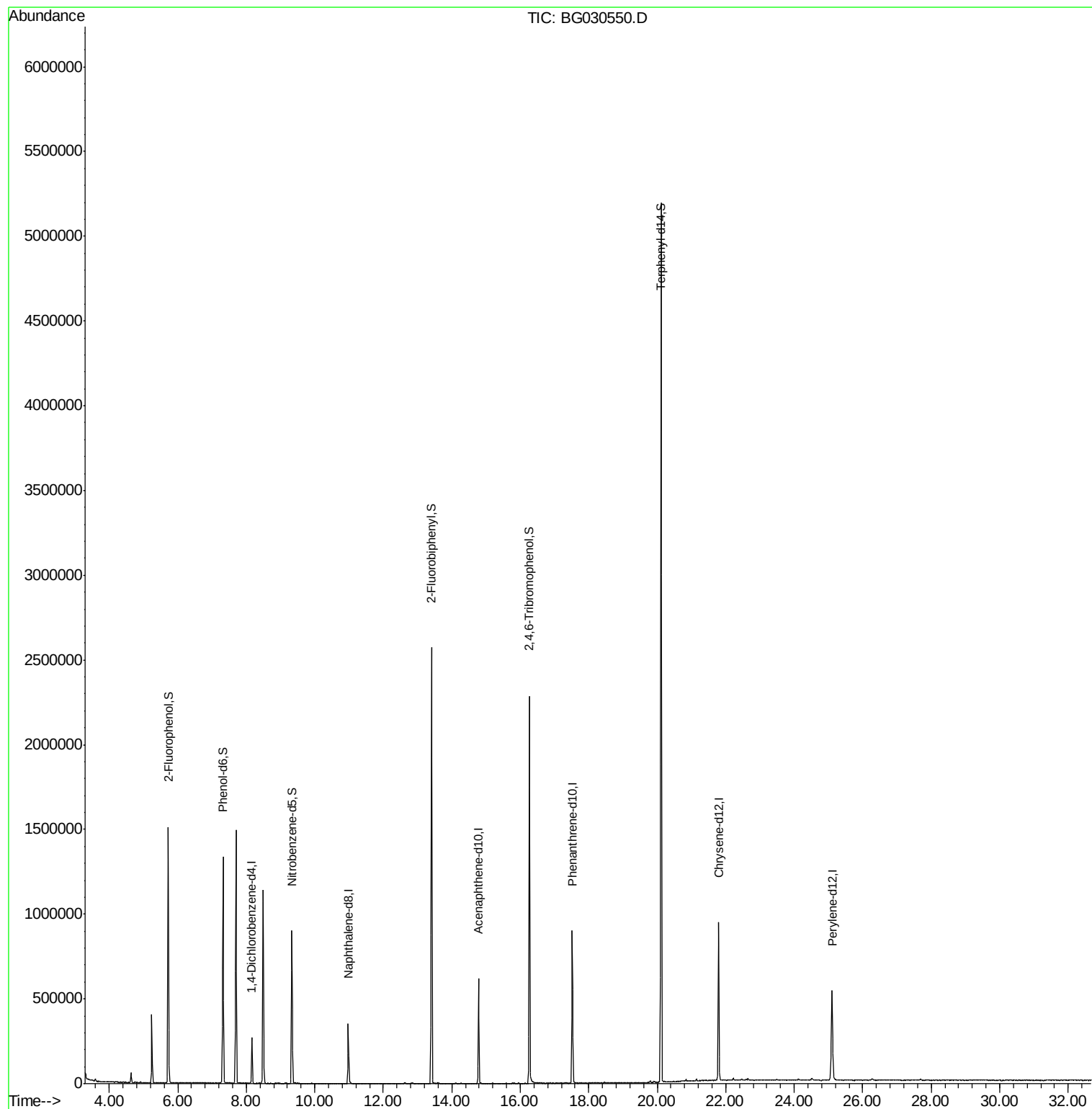
Target Compounds Qvalue

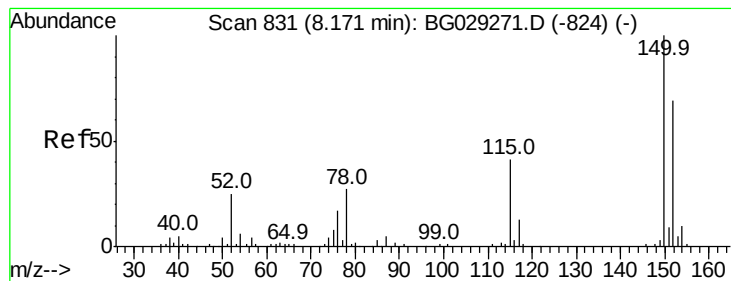
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
Data File : BG030550.D
Acq On : 29 Oct 2017 6:41
Operator : SJ/JU
Sample : I6081-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-16-FILL(1-3)

Quant Time: Oct 30 06:55:08 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: 8.16 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG030550.D

Acq: 29 Oct 2017 6:41

Instrument :

BNA_G

ClientSampleId :

SB-16-FILL(1-3)

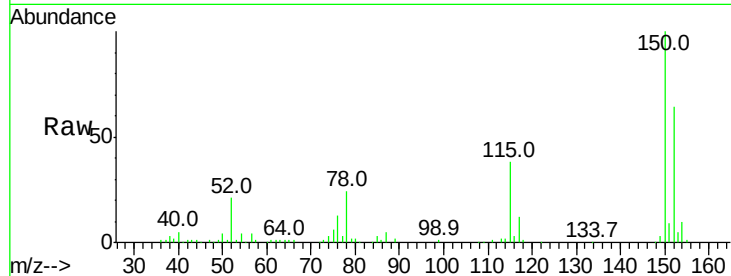
Tot Ion:152 Resp: 78267

Ion Ratio Lower Upper

152 100

150 155.5 126.6 189.8

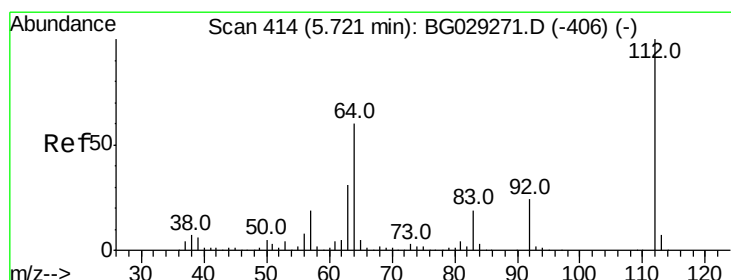
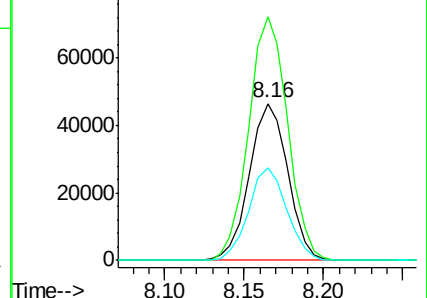
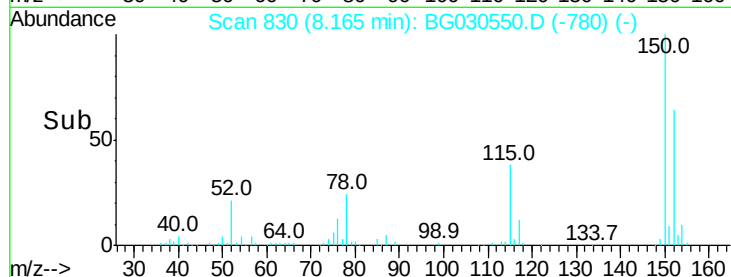
115 59.0 53.0 79.4



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: 144.686 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG030550.D

Acq: 29 Oct 2017 6:41

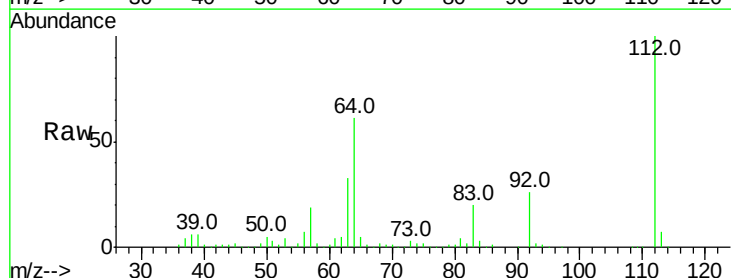
Tgt Ion:112 Resp: 677870

Ion Ratio Lower Upper

112 100

64 61.4 56.3 84.5

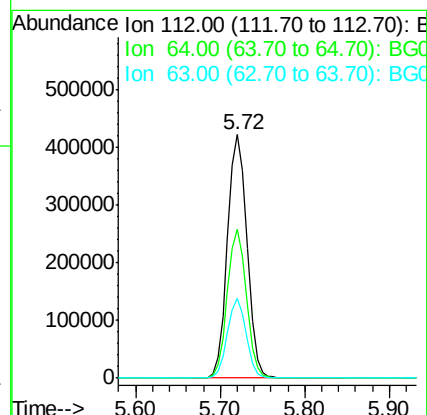
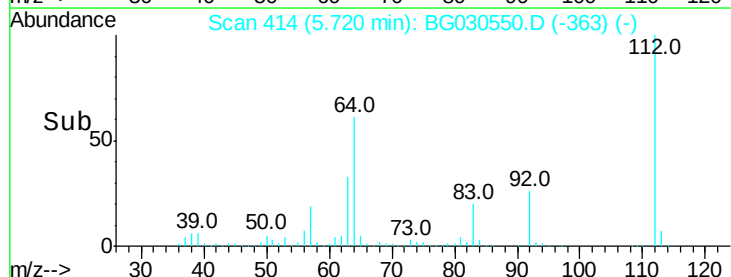
63 32.6 30.1 45.1

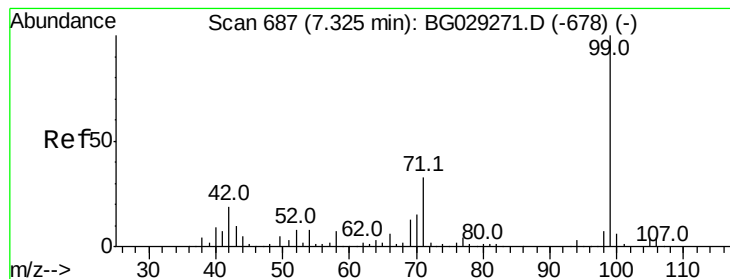


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.897 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030550.D

Acq: 29 Oct 2017 6:41

Instrument :

BNA_G

ClientSampleId :

SB-16-FILL(1-3)

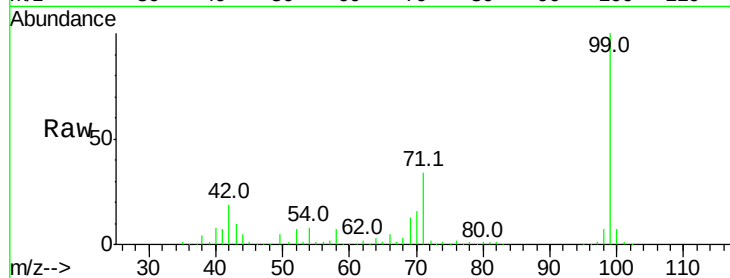
Tot Ion: 99 Resp: 814778

Ion Ratio Lower Upper

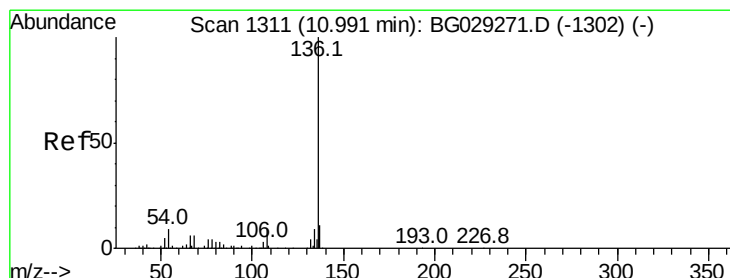
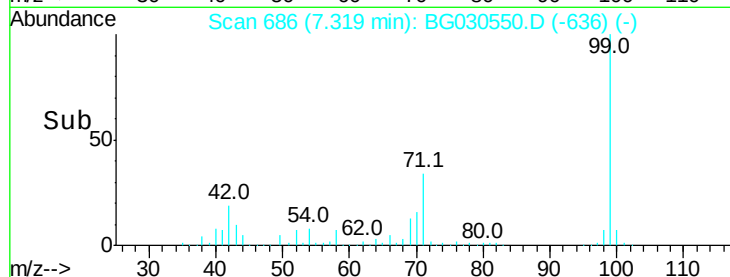
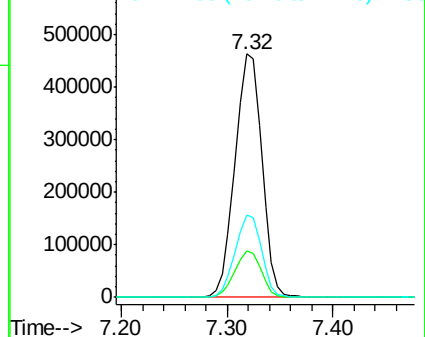
99 100

42 19.3 14.1 21.1

71 33.8 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: BG030550.D

Acq: 29 Oct 2017 6:41

Tgt Ion: 136 Resp: 326478

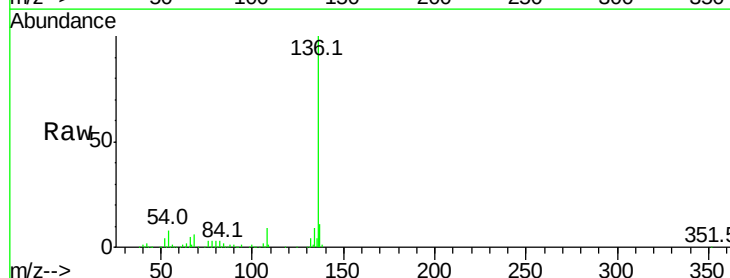
Ion Ratio Lower Upper

136 100

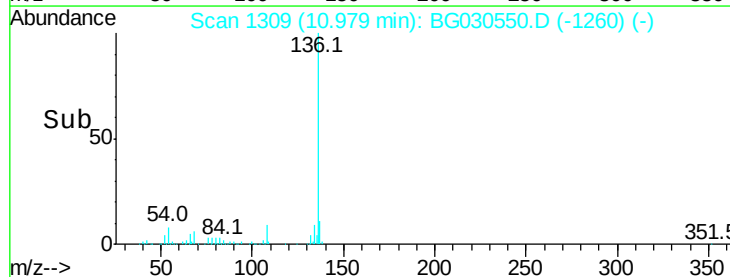
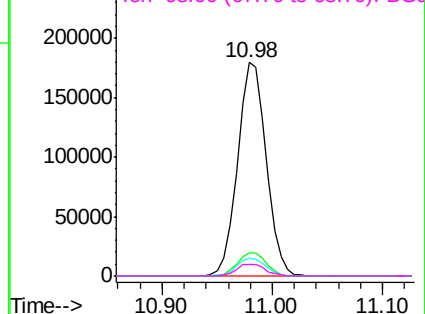
137 10.6 9.2 13.8

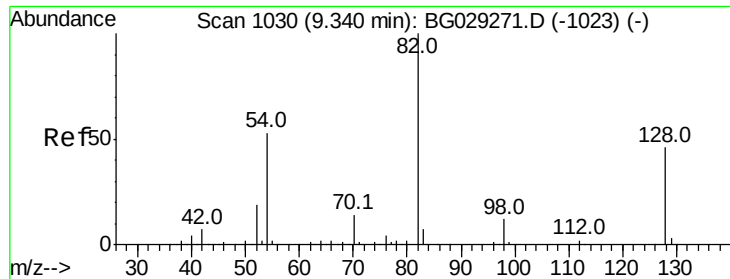
54 8.3 10.3 15.5#

68 5.5 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

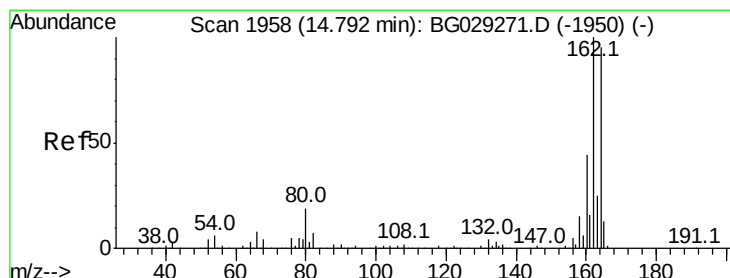
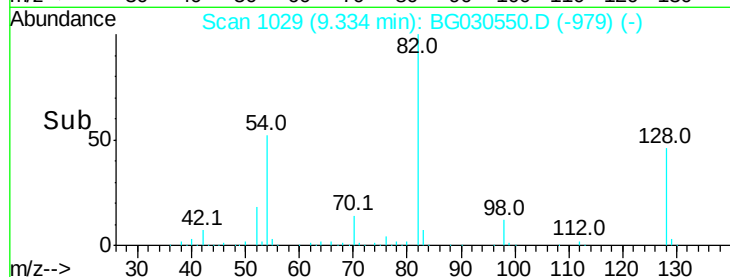
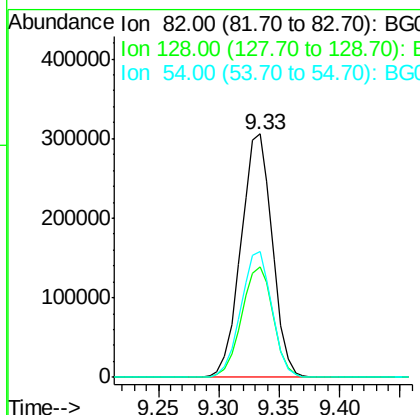
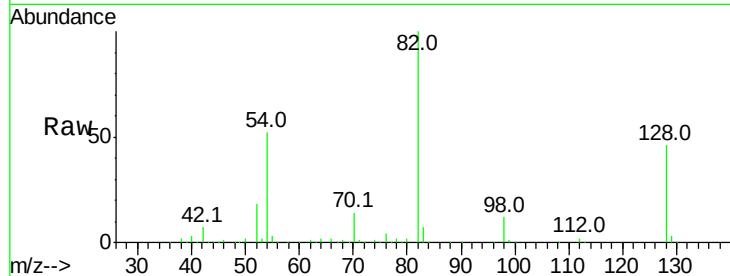




#23
 Nitrobenzene-d5
 Concen: 107.554 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG030550.D
 Acq: 29 Oct 2017 6:41

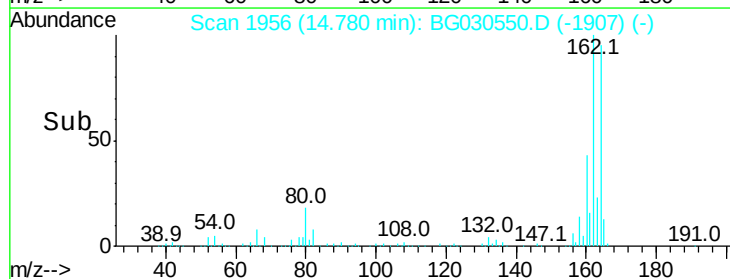
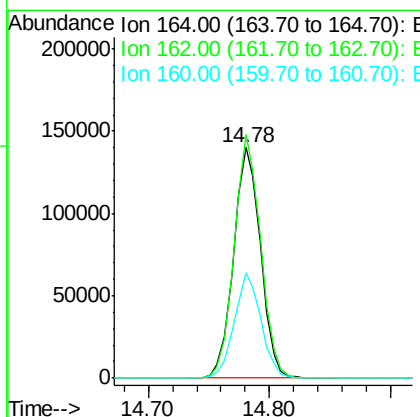
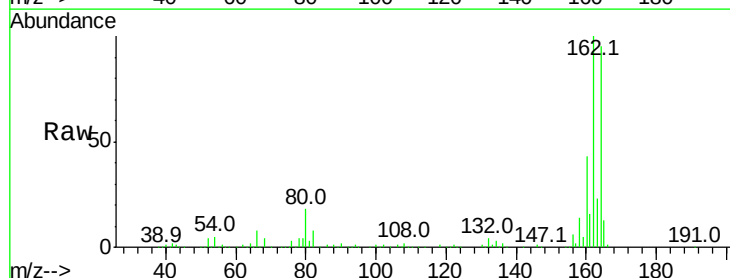
Instrument :
 BNA_G
 ClientSampleId :
 SB-16-FILL(1-3)

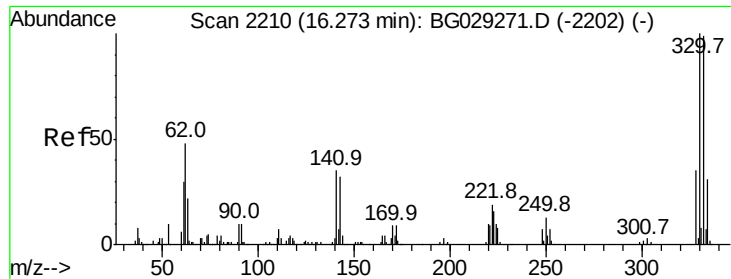
Tot Ion: 82 Resp: 552567
 Ion Ratio Lower Upper
 82 100
 128 45.6 29.7 44.5#
 54 51.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG030550.D
 Acq: 29 Oct 2017 6:41

Tgt Ion: 164 Resp: 217328
 Ion Ratio Lower Upper
 164 100
 162 105.6 78.8 118.2
 160 45.5 35.4 53.0

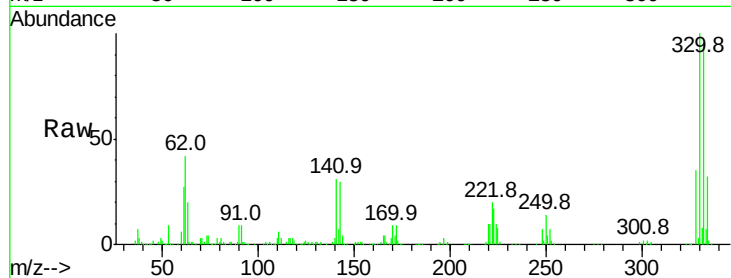




#41
 2,4,6-Tribromophenol
 Concen: 173.249 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030550.D
 Acq: 29 Oct 2017 6:41

Instrument :
 BNA_G
 ClientSampleId :
 SB-16-FILL(1-3)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	32.7	25.2	37.8

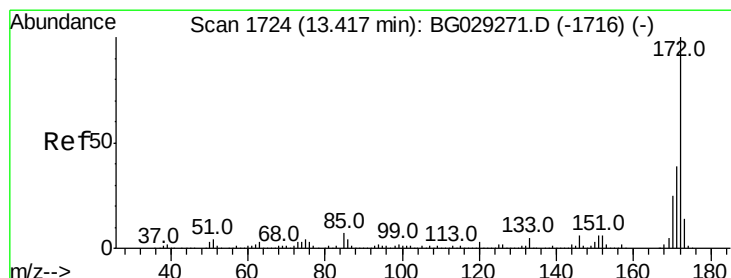
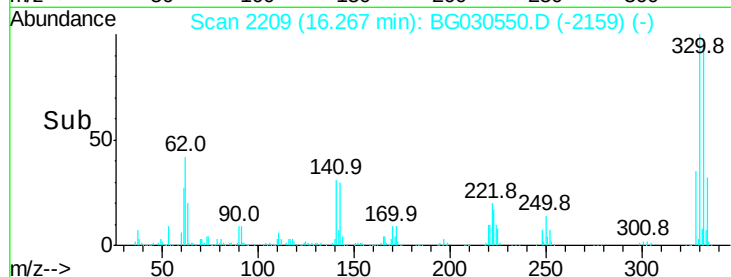
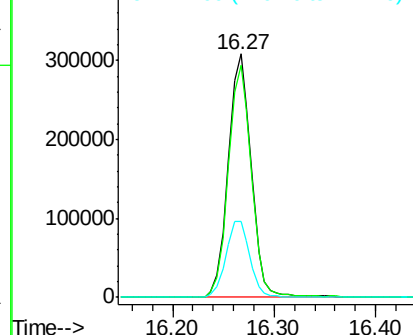


Abundance

Ion 329.80 (329.50 to 330.50): E

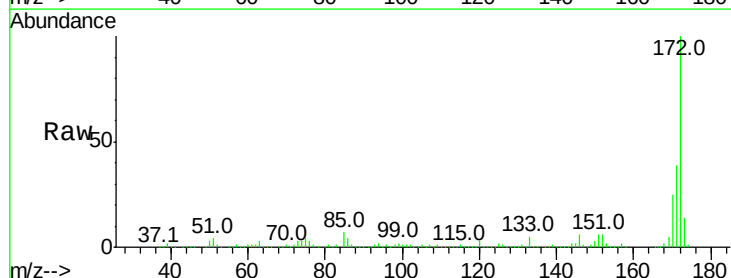
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.003 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030550.D
 Acq: 29 Oct 2017 6:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	30.0	45.0
170	25.4	19.5	29.3

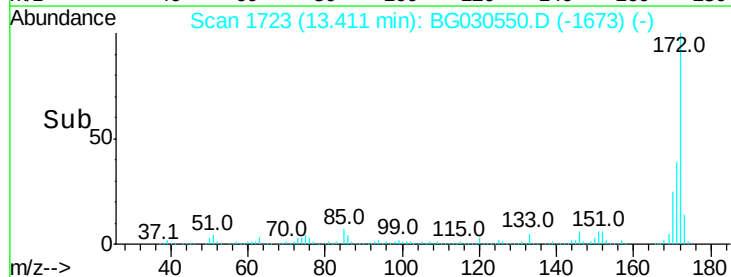
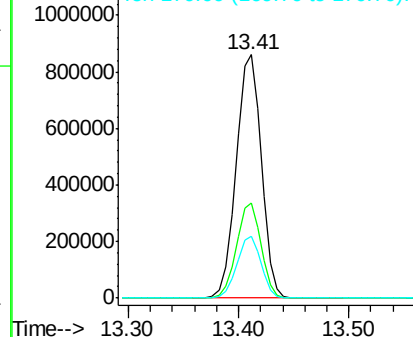


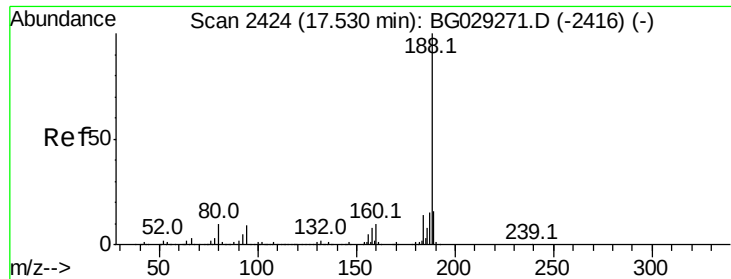
Abundance

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

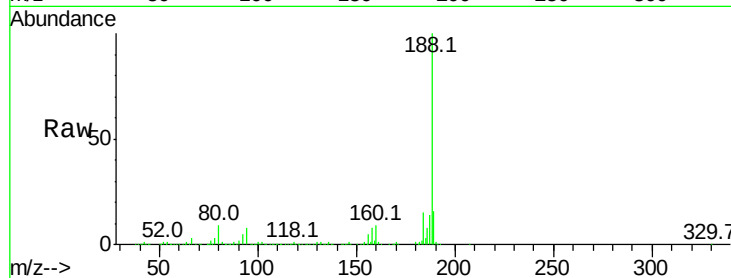




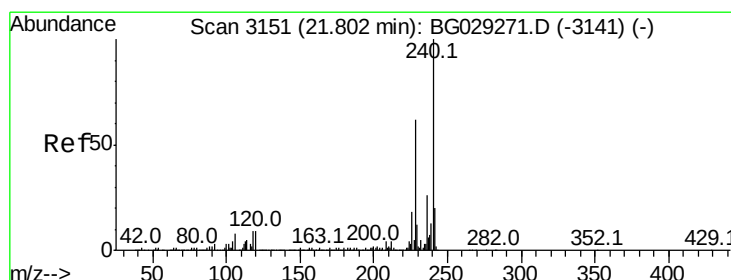
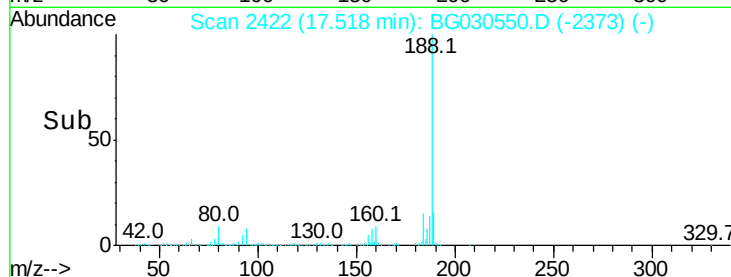
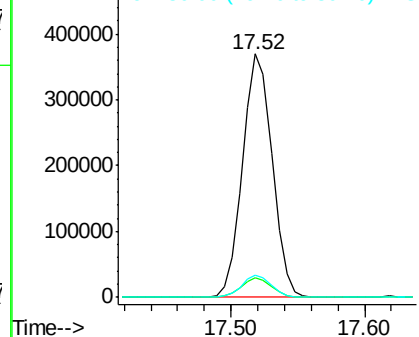
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030550.D
Acq: 29 Oct 2017 6:41

Instrument :
BNA_G
ClientSampleId :
SB-16-FILL(1-3)

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.4	7.7	11.5

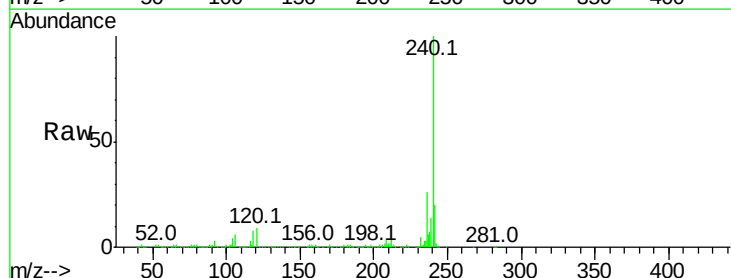


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

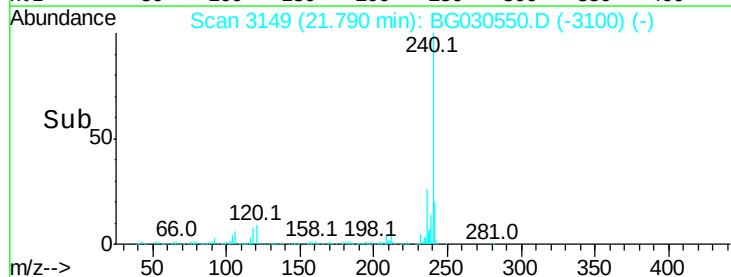
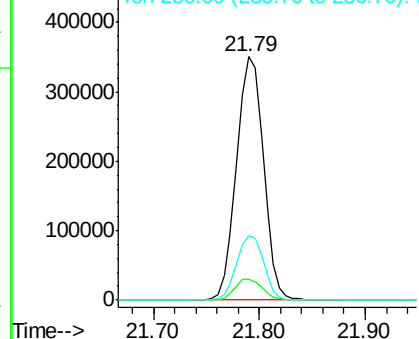


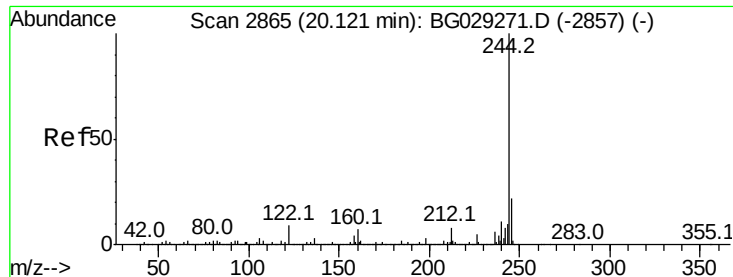
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG030550.D
Acq: 29 Oct 2017 6:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.8	10.2
236	26.2	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: 88.966 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030550.D

Acq: 29 Oct 2017 6:41

Instrument :

BNA_G

ClientSampleId :

SB-16-FILL(1-3)

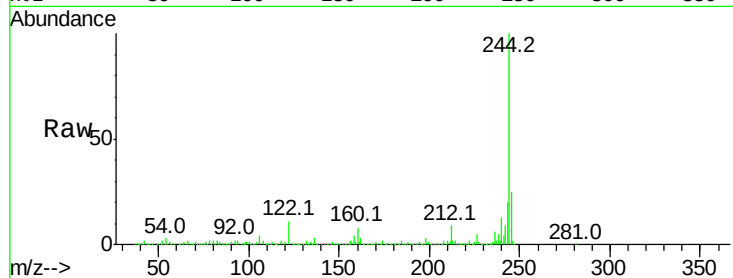
Tot Ion:244 Resp: 2422763

Ion Ratio Lower Upper

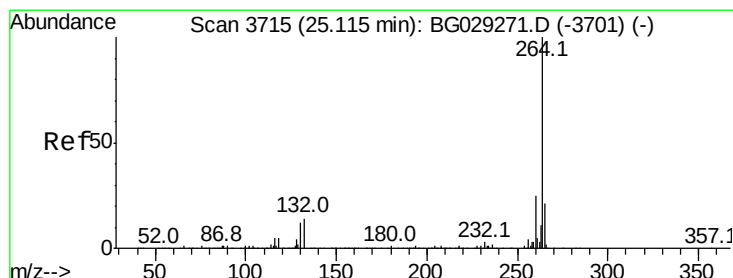
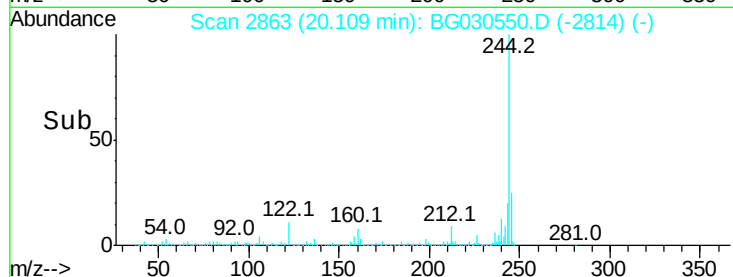
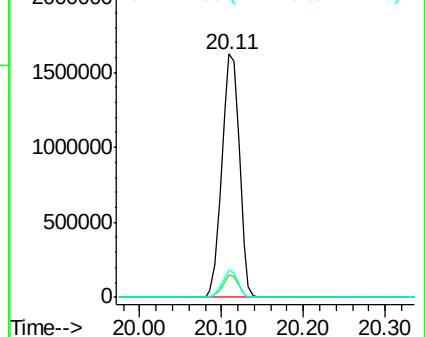
244 100

212 9.1 5.8 8.8#

122 11.1 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: BG030550.D

Acq: 29 Oct 2017 6:41

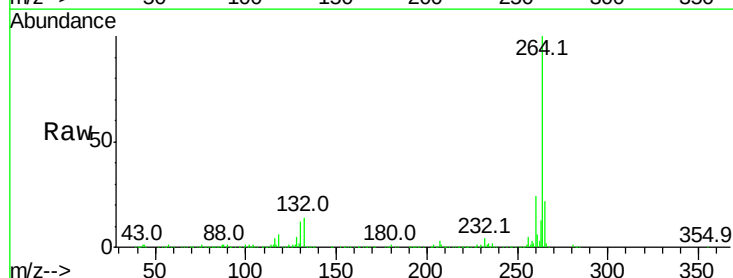
Tgt Ion:264 Resp: 612823

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 22.1 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

