

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029353.D
 Acq On : 19 Oct 2017 5:08
 Operator : SJ/JU
 Sample : PB103395BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103395BL

Quant Time: Oct 19 16:34:52 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	55095	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	239336	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	156361	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	417091	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	498764	20.00	ng	-0.01
86) Perylene-d12	25.10	264	506583	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	380186	115.28	ng	0.00
7) Phenol-d6	7.32	99	490473	105.95	ng	0.00
23) Nitrobenzene-d5	9.33	82	279275	74.15	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	262527	130.04	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	764572	71.72	ng	0.00
78) Terphenyl-d14	20.11	244	1499579	68.40	ng	0.00

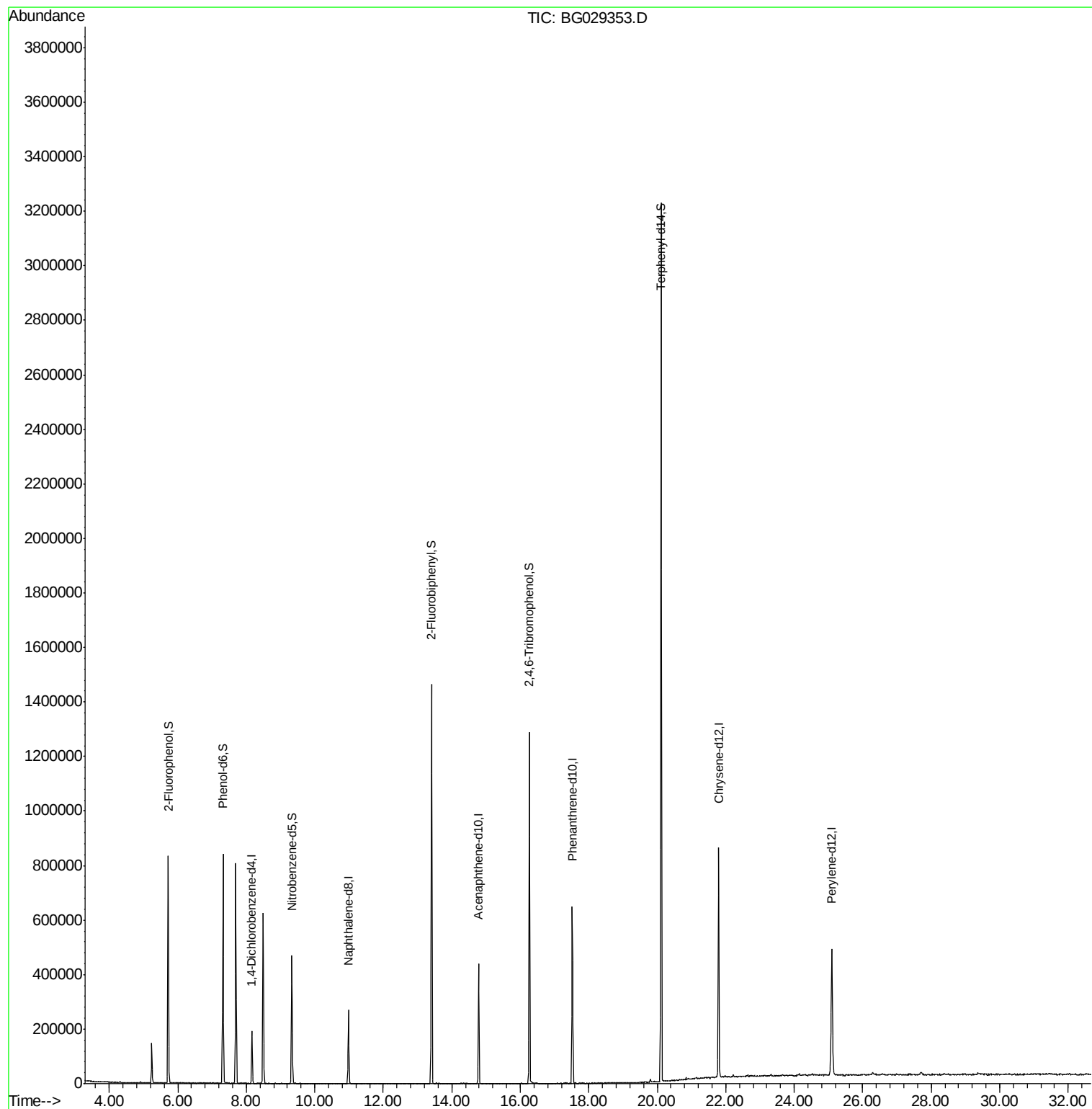
Target Compounds Qvalue

(#) = 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: BG029353.D

Acq: 19 Oct 2017 5:08

Instrument :

BNA_G

ClientSampleId :

PB103395BL

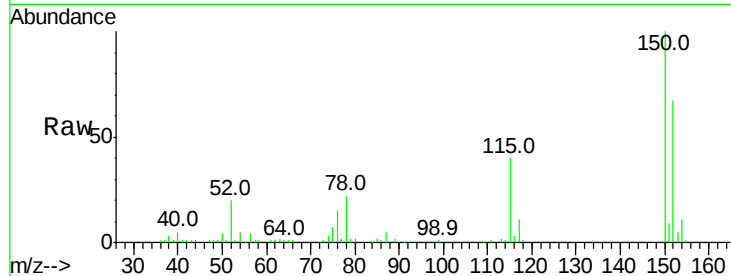
Tot Ion:152 Resp: 55095

Ion Ratio Lower Upper

152 100

150 150.3 126.6 189.8

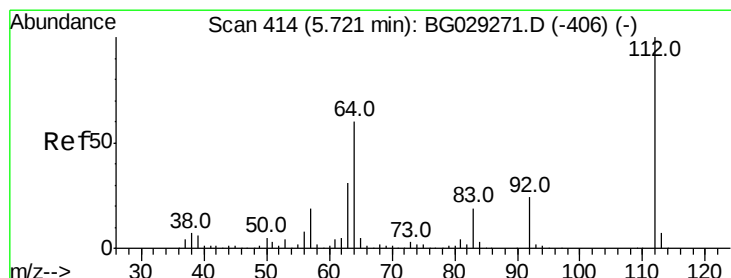
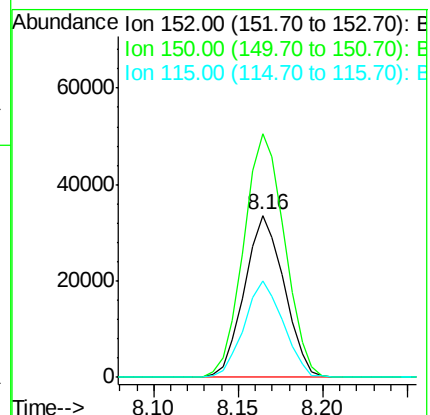
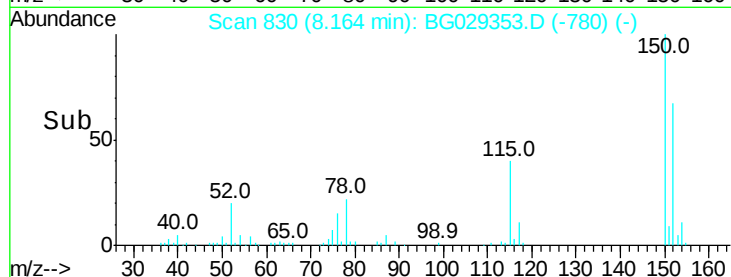
115 59.8 53.0 79.4



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: 115.277 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG029353.D

Acq: 19 Oct 2017 5:08

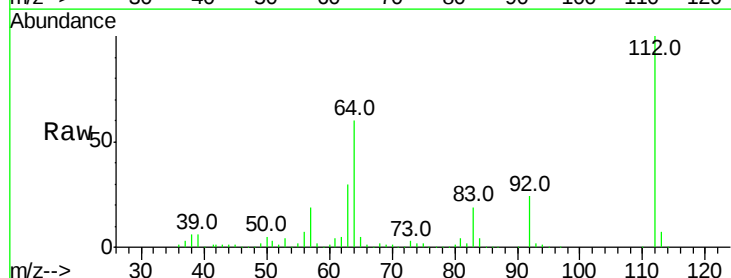
Tgt Ion:112 Resp: 380186

Ion Ratio Lower Upper

112 100

64 59.5 56.3 84.5

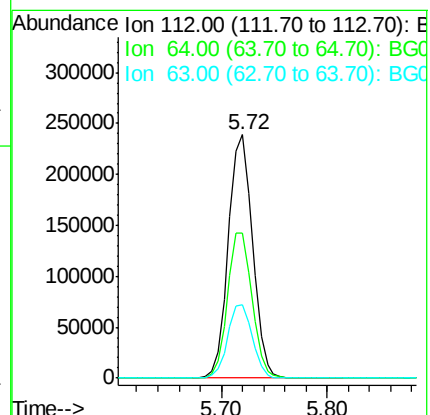
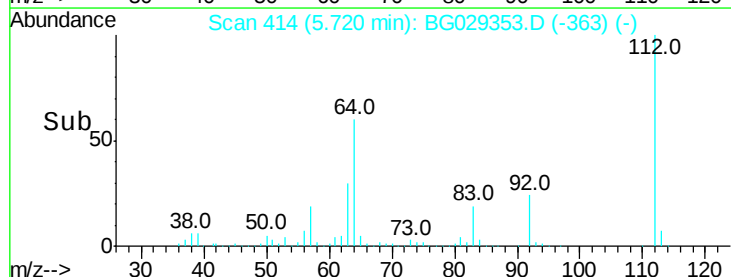
63 30.3 30.1 45.1



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: 105.950 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029353.D

Acq: 19 Oct 2017 5:08

Instrument :

BNA_G

ClientSampleId :

PB103395BL

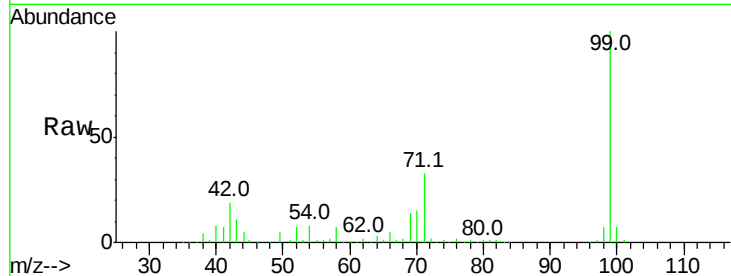
Tot Ion: 99 Resp: 490473

Ion Ratio Lower Upper

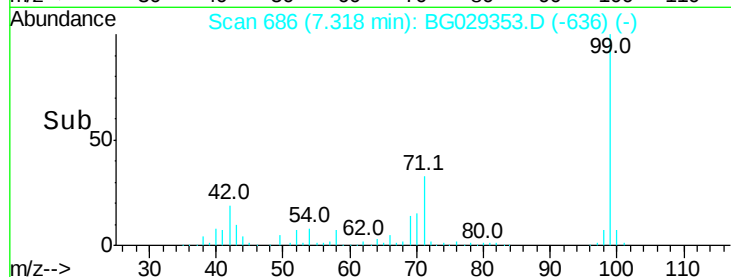
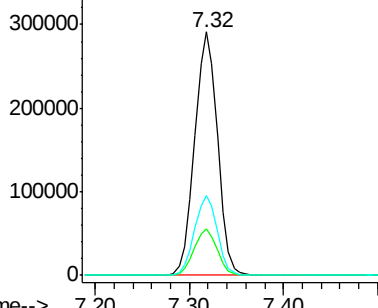
99 100

42 19.3 14.1 21.1

71 33.0 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: BG029353.D

Acq: 19 Oct 2017 5:08

Tgt Ion: 136 Resp: 239336

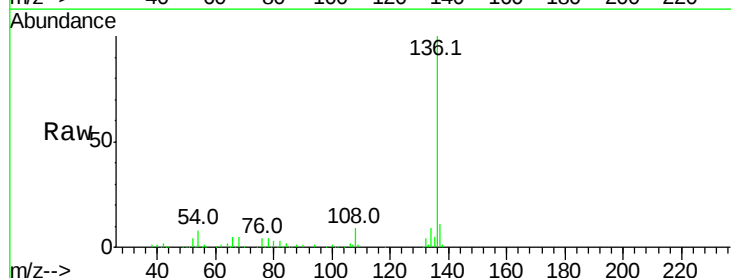
Ion Ratio Lower Upper

136 100

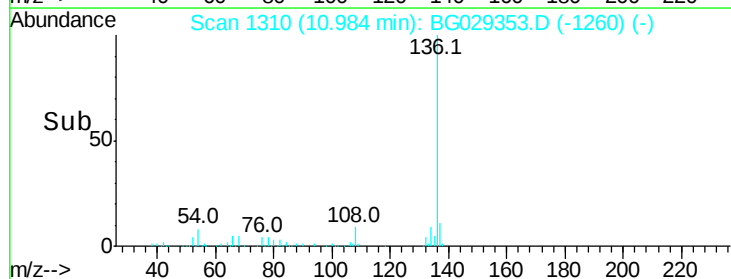
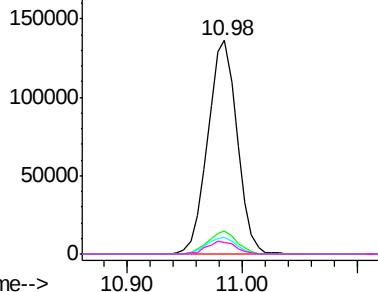
137 11.1 9.2 13.8

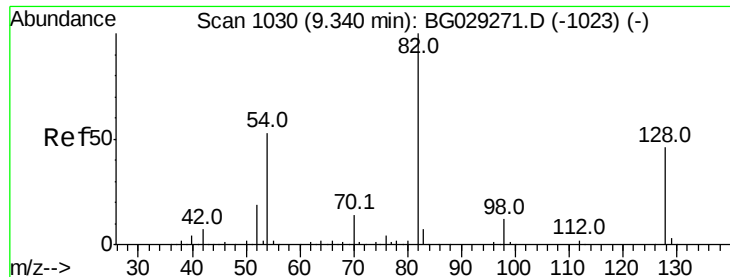
54 7.6 10.3 15.5#

68 5.4 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

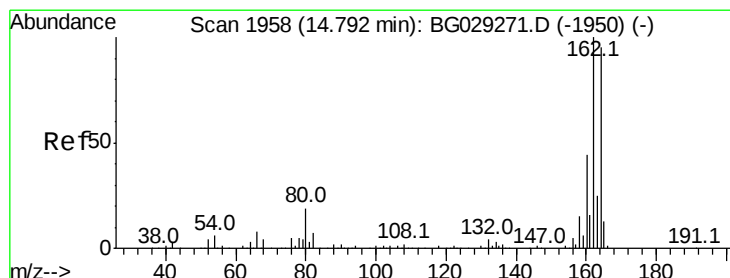
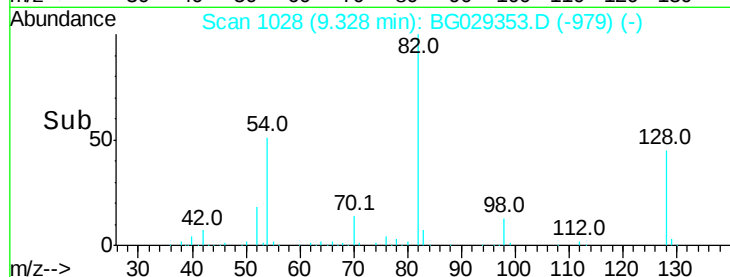
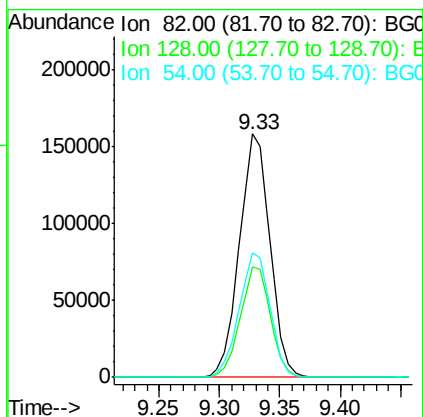
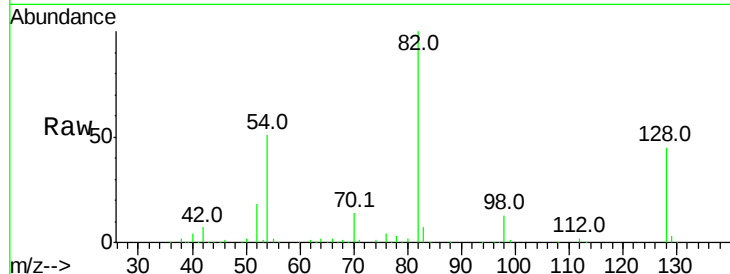




#23
 Nitrobenzene-d5
 Concen: 74.152 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG029353.D
 Acq: 19 Oct 2017 5:08

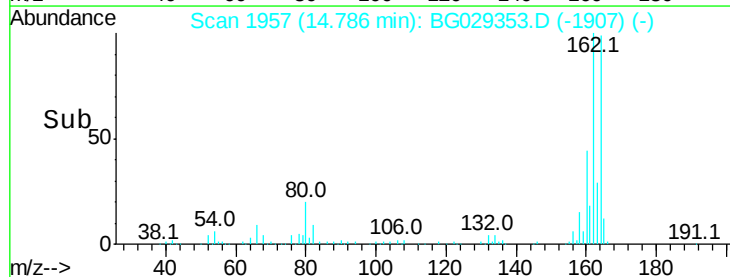
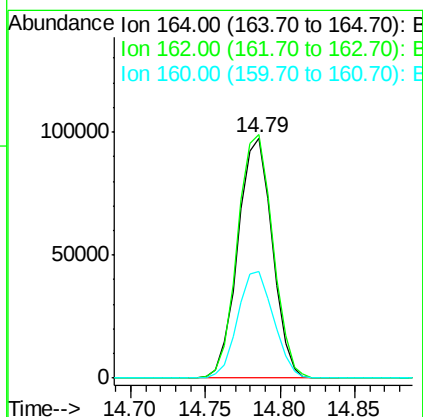
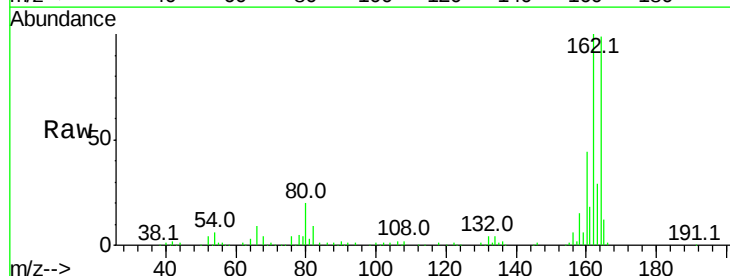
Instrument :
 BNA_G
 ClientSampleId :
 PB103395BL

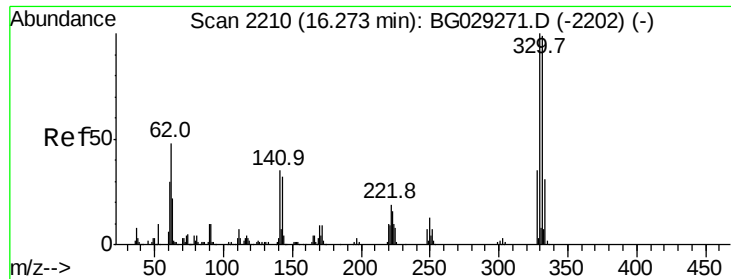
Tot Ion	82	Resp	279275
Ion	Ratio	Lower	Upper
82	100		
128	45.4	29.7	44.5#
54	51.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG029353.D
 Acq: 19 Oct 2017 5:08

Tgt Ion	164	Resp	156361
Ion	Ratio	Lower	Upper
164	100		
162	101.4	78.8	118.2
160	44.2	35.4	53.0

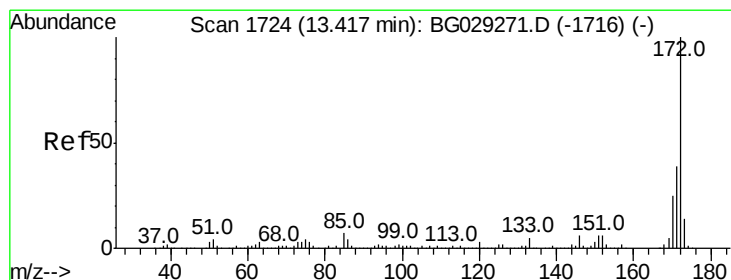
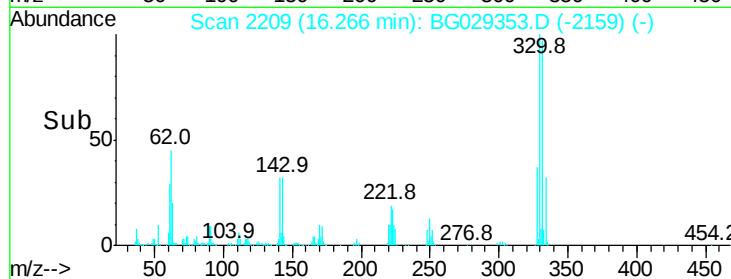
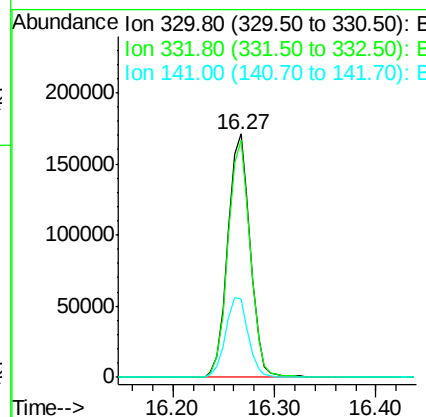
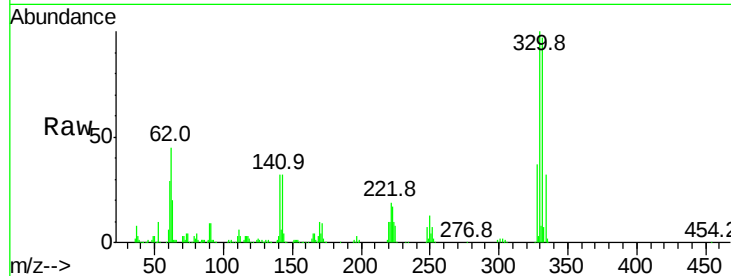




#41
 2,4,6-Tribromophenol
 Concen: 130.042 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029353.D
 Acq: 19 Oct 2017 5:08

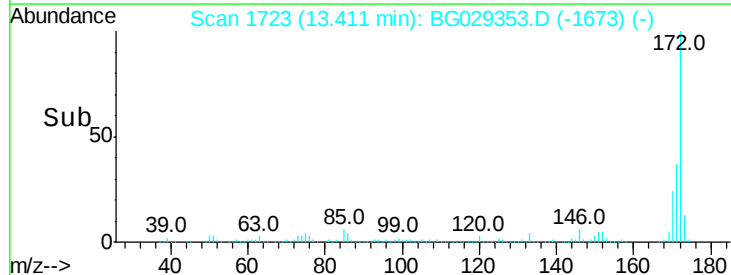
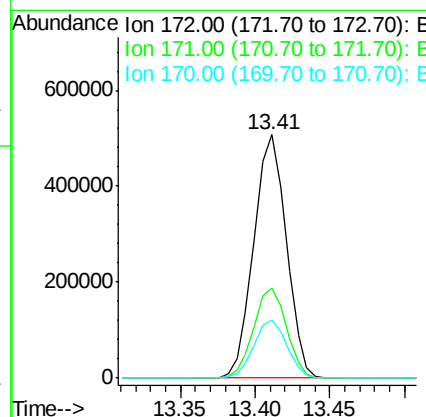
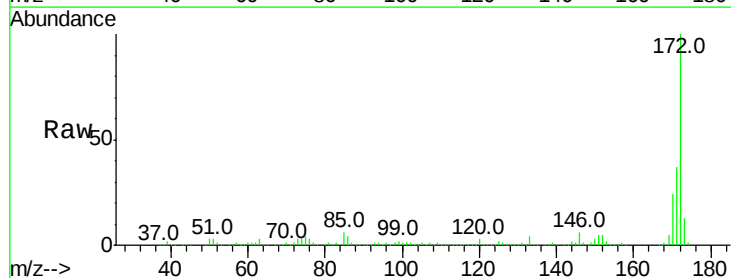
Instrument :
 BNA_G
 ClientSampleId :
 PB103395BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.1	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 71.716 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029353.D
 Acq: 19 Oct 2017 5:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.0	19.5	29.3

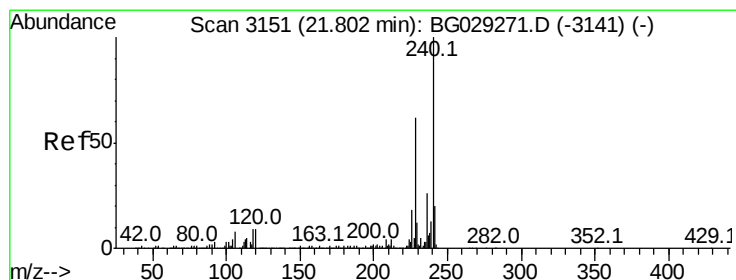
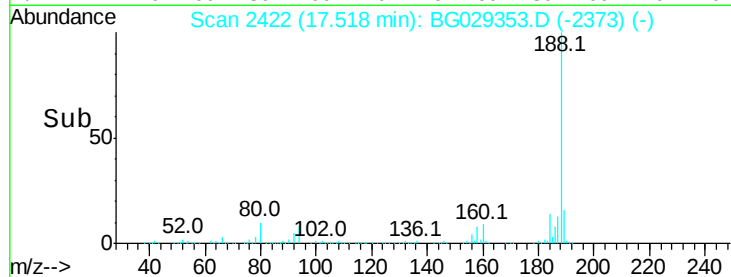
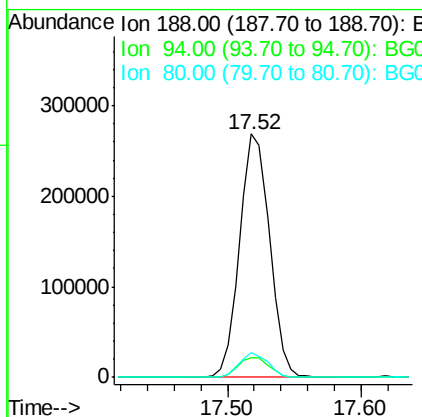
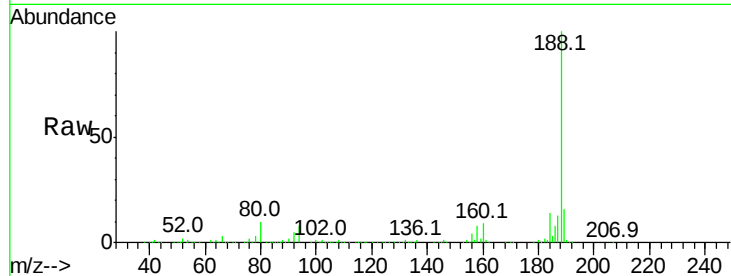




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029353.D
Acq: 19 Oct 2017 5:08

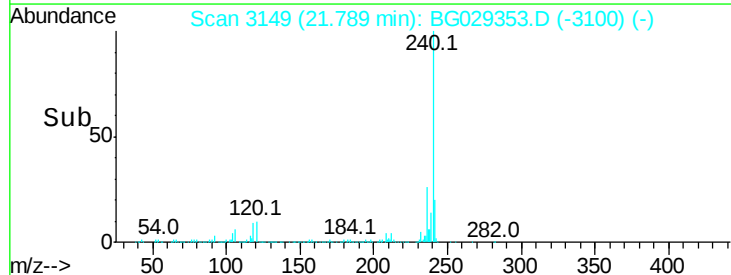
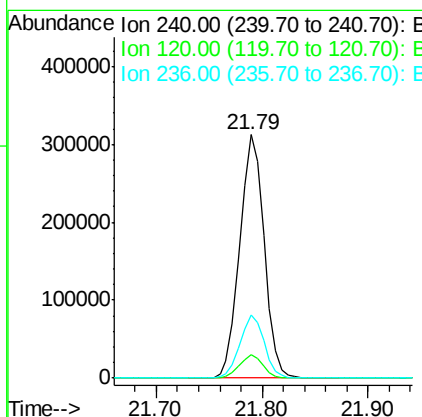
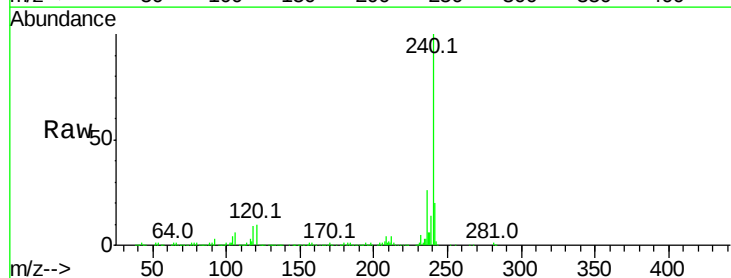
Instrument :
BNA_G
ClientSampleId :
PB103395BL

Tot Ion:188 Resp: 417091
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 10.0 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: BG029353.D
Acq: 19 Oct 2017 5:08

Tgt Ion:240 Resp: 498764
Ion Ratio Lower Upper
240 100
120 9.7 6.8 10.2
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 68.398 ng

RT: 20.11 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029353.D

Acq: 19 Oct 2017 5:08

Instrument :

BNA_G

ClientSampleId :

PB103395BL

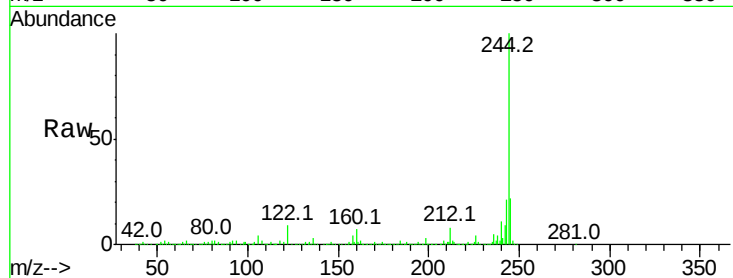
Tot Ion:244 Resp: 1499579

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	9.4	7.0	10.4

244 100

212 7.7 5.8 8.8

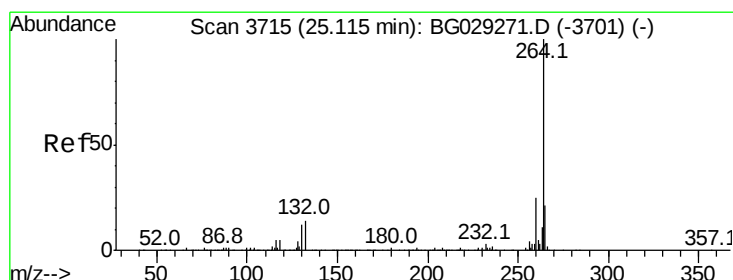
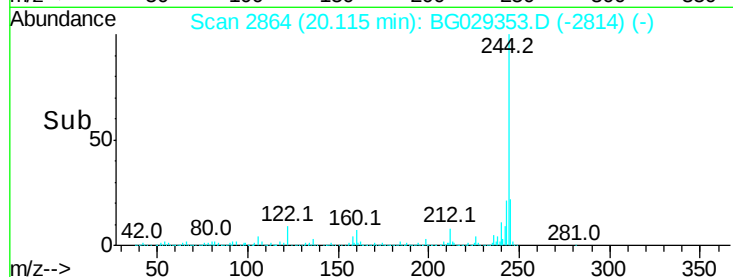
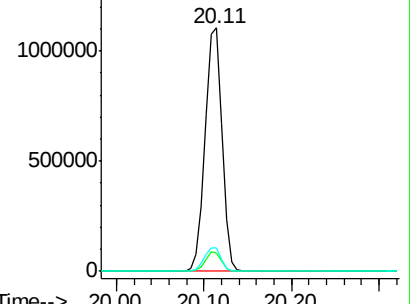
122 9.4 7.0 10.4



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: BG029353.D

Acq: 19 Oct 2017 5:08

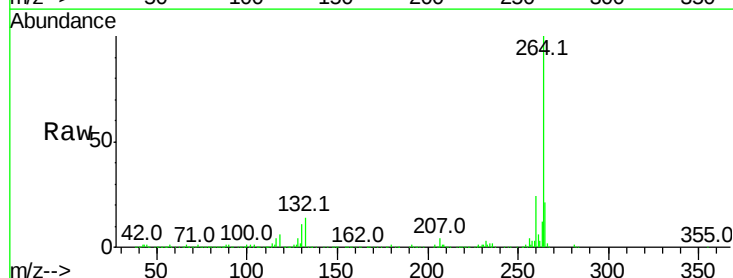
Tgt Ion:264 Resp: 506583

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.1	17.7	26.5

264 100

260 23.5 17.4 26.0

265 21.1 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

