

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111017\
 Data File : BG030929.D
 Acq On : 11 Nov 2017 5:14
 Operator : SJ/JU
 Sample : PB104149TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 02:53:06 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

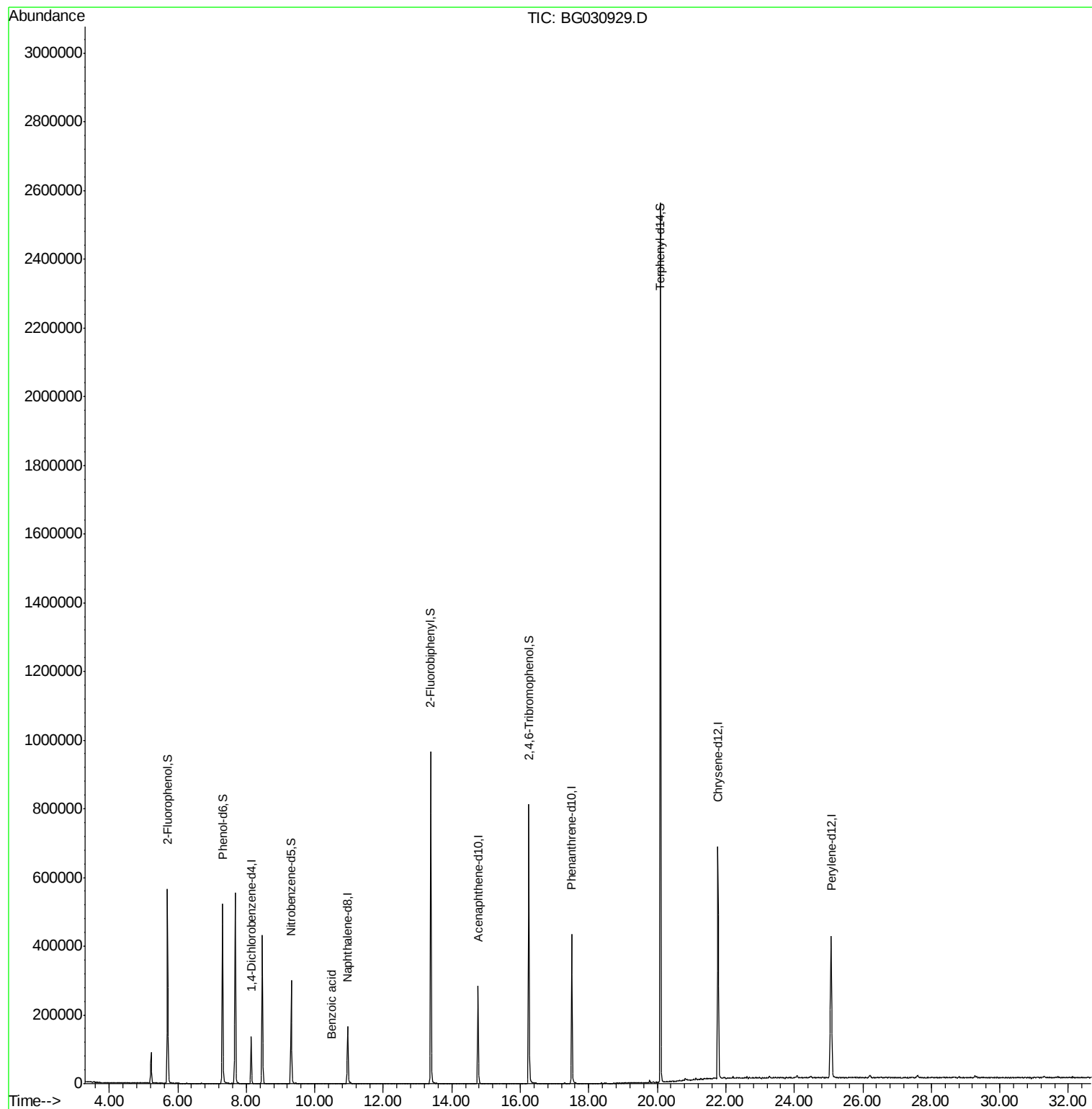
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	41184	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	169625	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	110969	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	299362	20.00	ng	0.00
75) Chrysene-d12	21.77	240	455803	20.00	ng	-0.01
86) Perylene-d12	25.07	264	481843	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	259580	108.08	ng	0.00
7) Phenol-d6	7.31	99	321219	99.27	ng	0.00
23) Nitrobenzene-d5	9.31	82	193693	67.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	190452	106.09	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	557529	72.19	ng	-0.01
78) Terphenyl-d14	20.09	244	1256439	60.87	ng	0.00
Target Compounds						
32) Benzoic acid	10.50	122	54	5.687	ng	Qvalue # 1

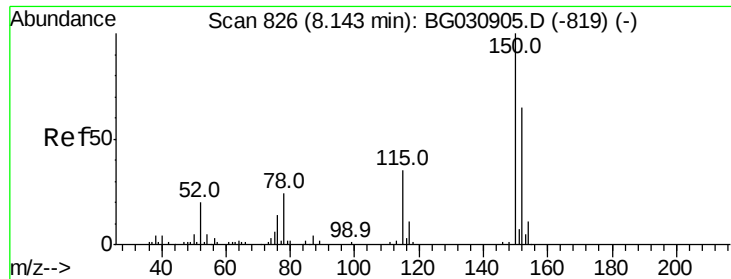
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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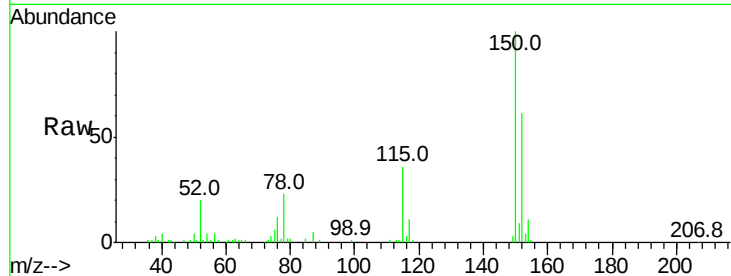


#1

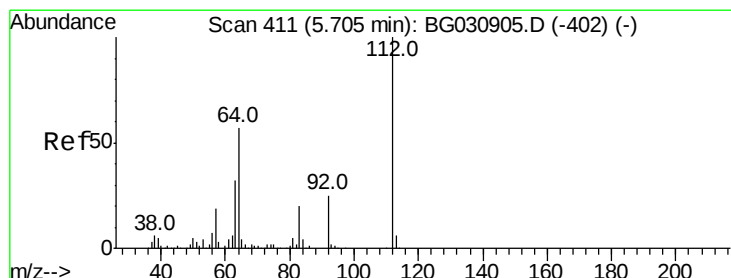
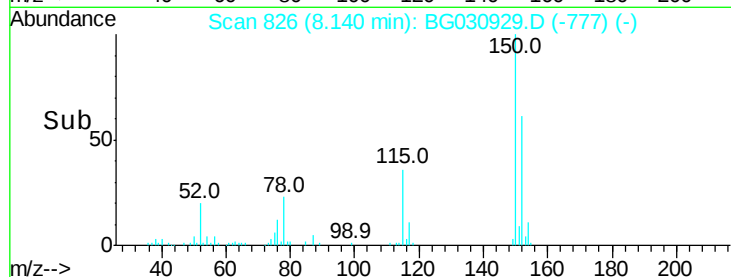
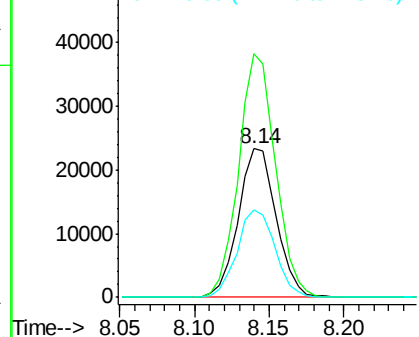
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030929.D
Acq: 11 Nov 2017 5:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 41184
Ion Ratio Lower Upper
152 100
150 163.8 126.6 189.8
115 59.0 53.0 79.4



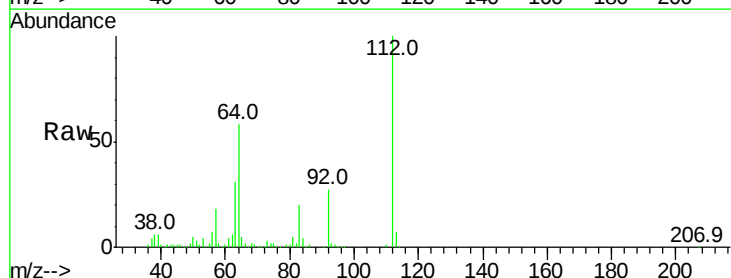
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



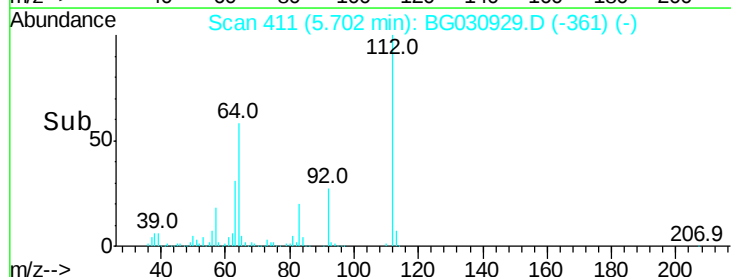
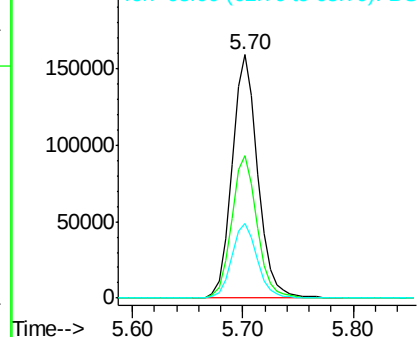
#5

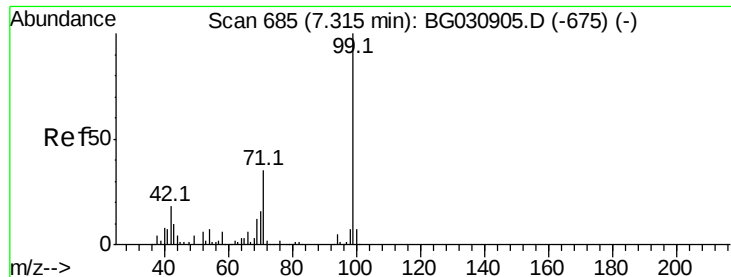
2-Fluorophenol
Concen: 108.080 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG030929.D
Acq: 11 Nov 2017 5:14

Tgt Ion:112 Resp: 259580
Ion Ratio Lower Upper
112 100
64 58.4 56.3 84.5
63 30.7 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: 99.275 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030929.D

Acq: 11 Nov 2017 5:14

Instrument :

BNA_G

ClientSampled :

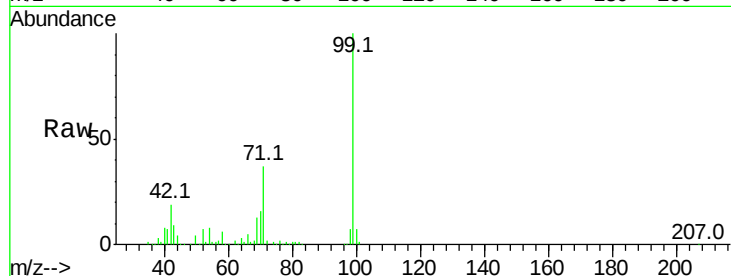
Tot Ion: 99 Resp: 321219

Ion Ratio Lower Upper

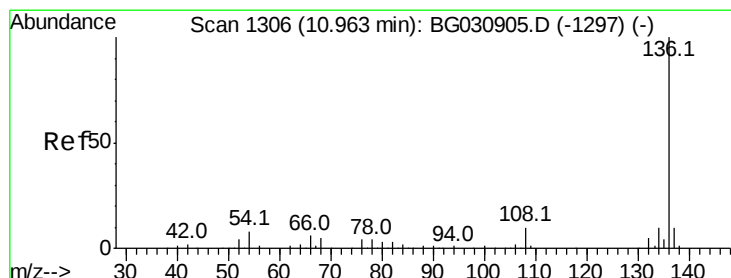
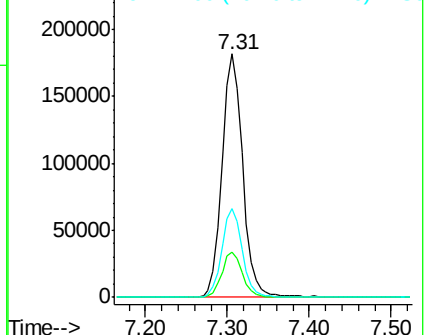
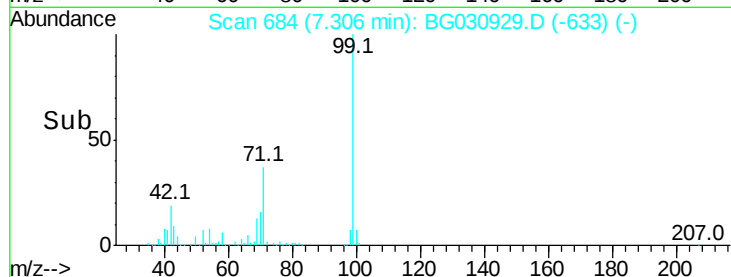
99 100

42 18.8 14.1 21.1

71 36.6 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: 10.96 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG030929.D

Acq: 11 Nov 2017 5:14

Tgt Ion: 136 Resp: 169625

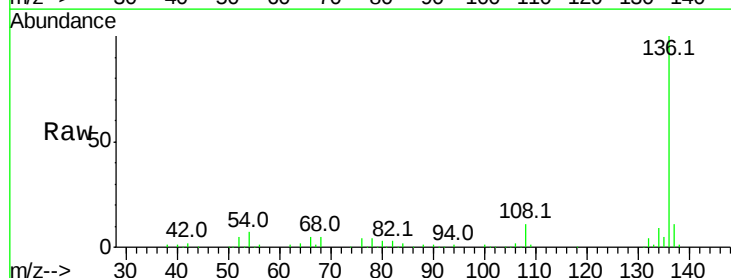
Ion Ratio Lower Upper

136 100

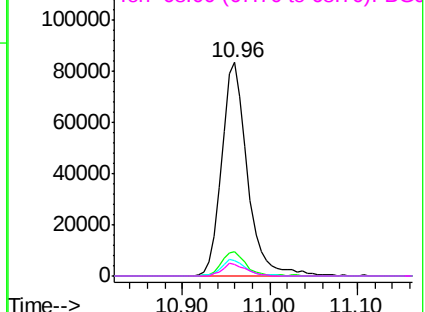
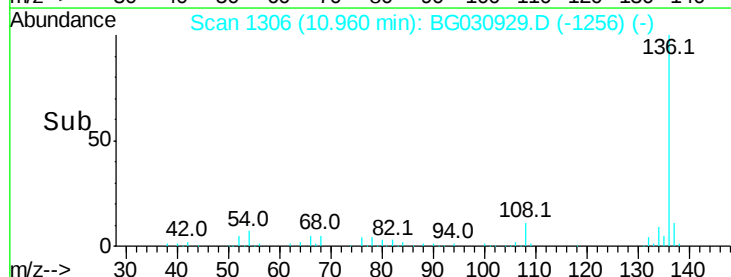
137 11.2 9.2 13.8

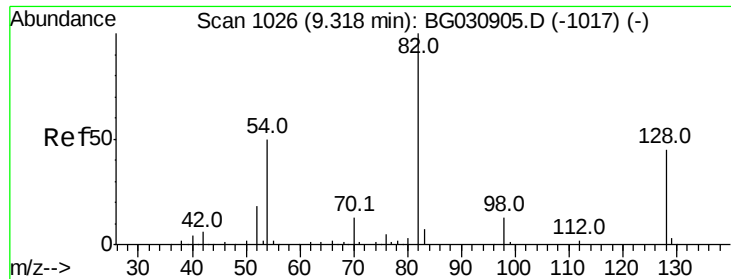
54 7.4 10.3 15.5#

68 5.3 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

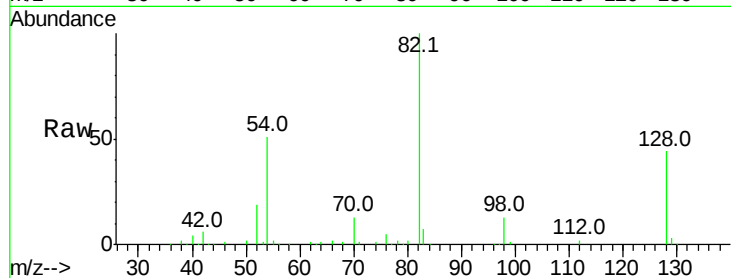




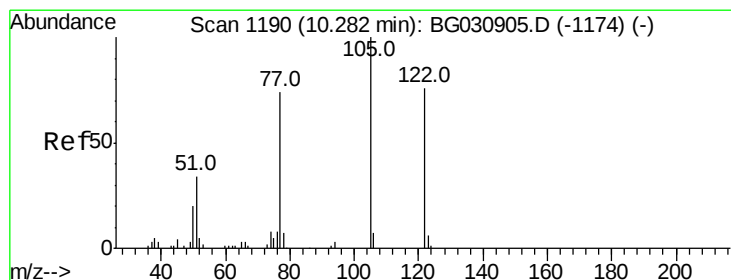
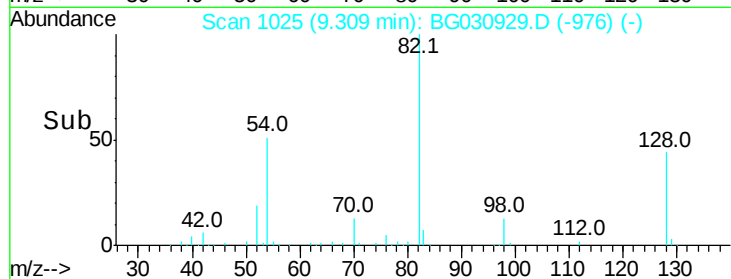
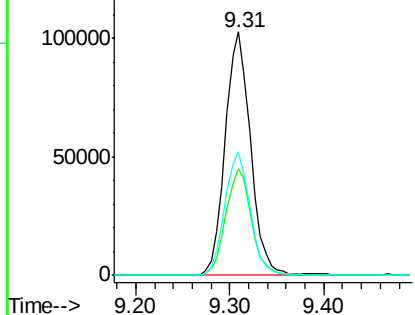
#23
 Nitrobenzene-d5
 Concen: 67.664 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG030929.D
 Acq: 11 Nov 2017 5:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 193693
 Ion Ratio Lower Upper
 82 100
 128 43.6 29.7 44.5
 54 50.8 43.1 64.7

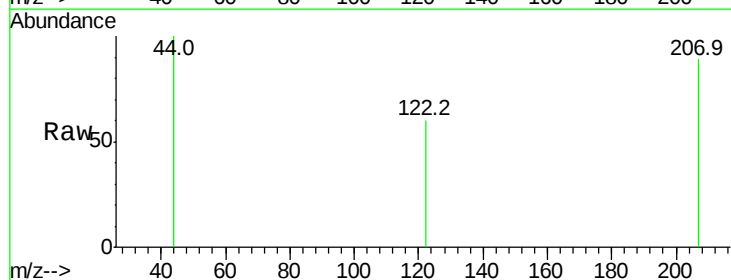


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

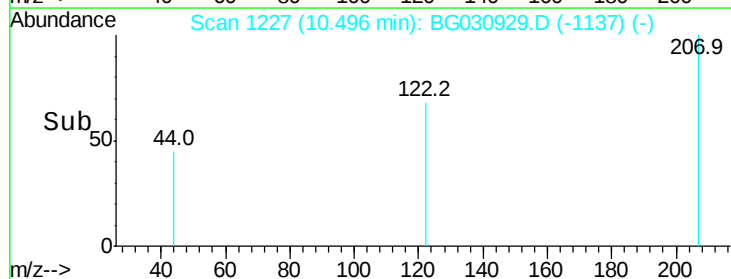
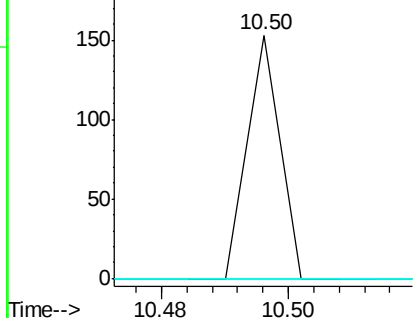


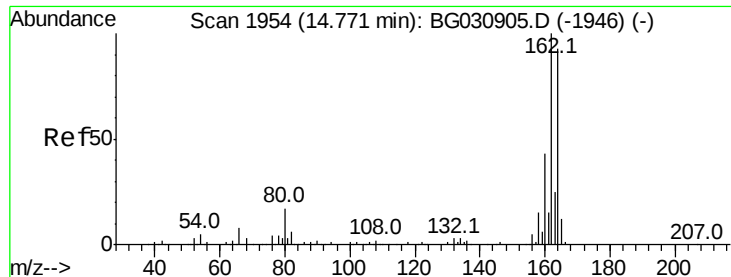
#32
 Benzoic acid
 Concen: 5.687 ng
 RT: 10.50 min Scan# 1227
 Delta R.T. 0.23 min
 Lab File: BG030929.D
 Acq: 11 Nov 2017 5:14

Tgt Ion:122 Resp: 54
 Ion Ratio Lower Upper
 122 100
 105 0.0 123.5 163.5#
 77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG030929.D

Acq: 11 Nov 2017 5:14

Instrument :

BNA_G

ClientSampleId :

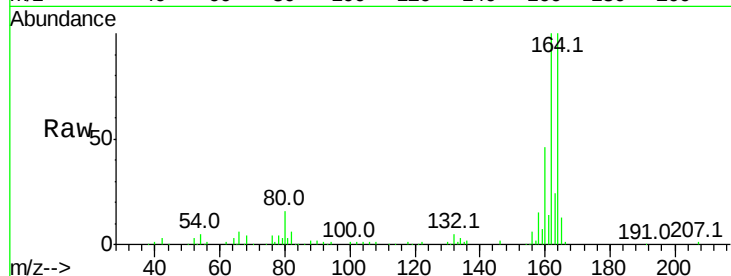
Tot Ion:164 Resp: 110969

Ion Ratio Lower Upper

164 100

162 99.8 78.8 118.2

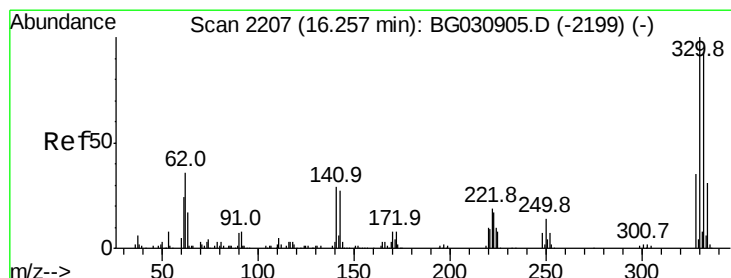
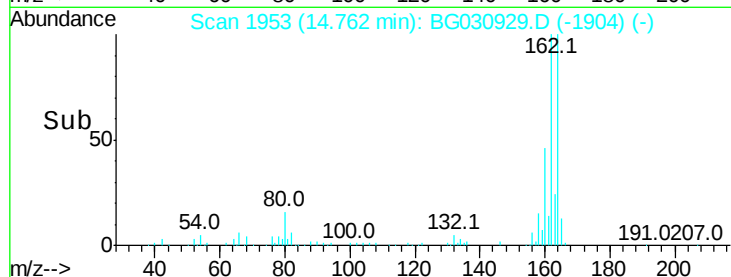
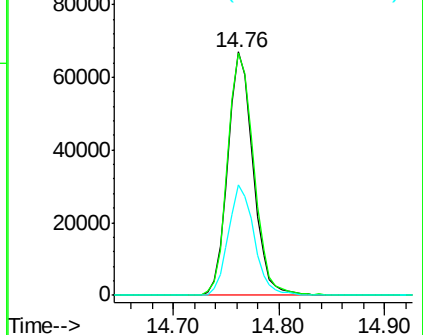
160 45.6 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 106.094 ng

RT: 16.25 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG030929.D

Acq: 11 Nov 2017 5:14

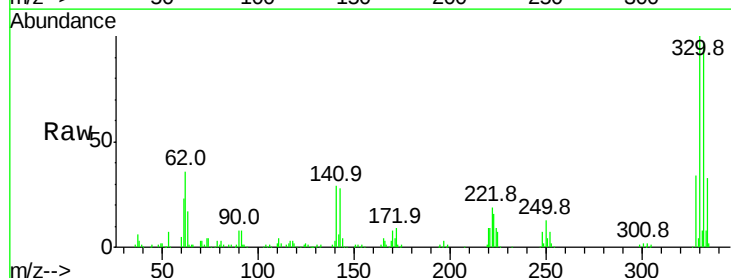
Tgt Ion:330 Resp: 190452

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

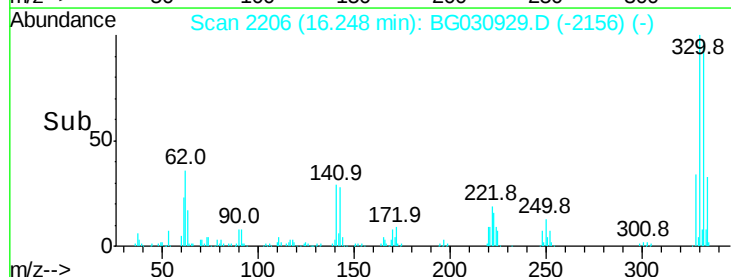
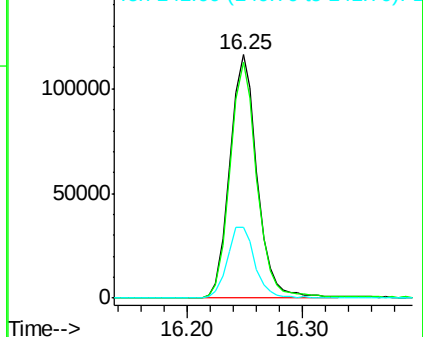
141 29.6 25.2 37.8

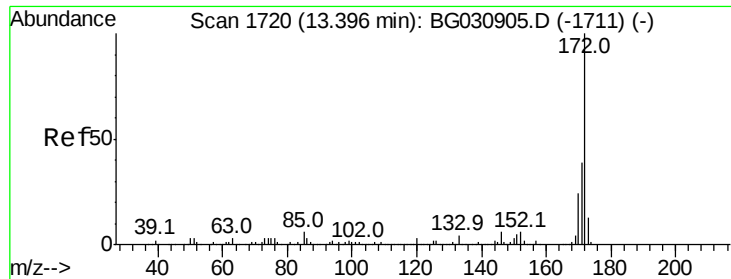


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

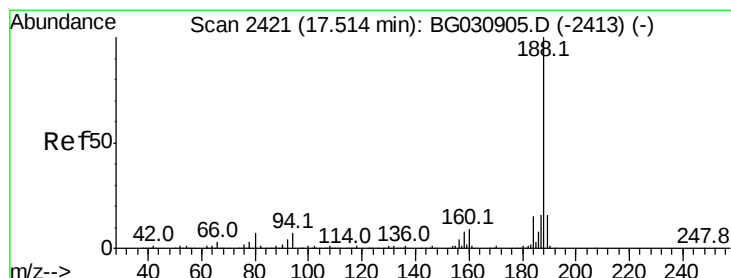
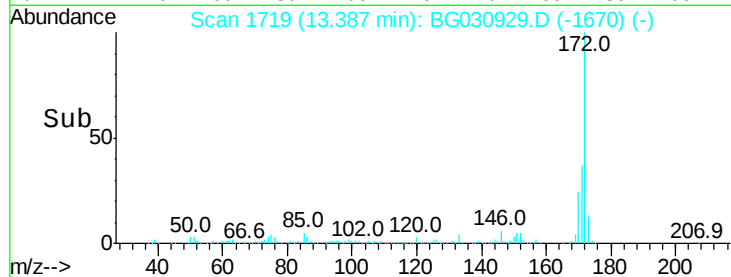
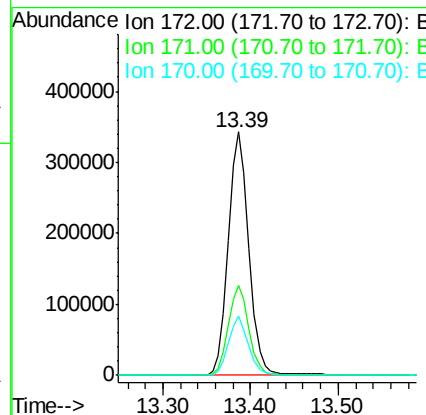
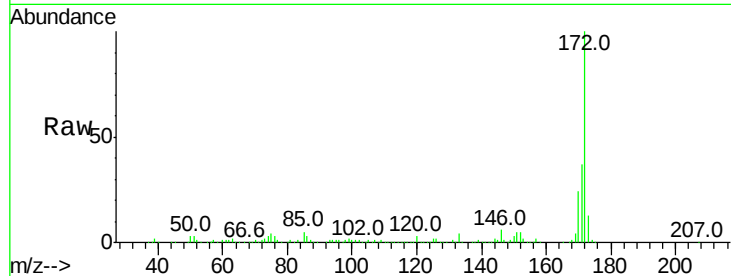




#44
 2-Fluorobiphenyl
 Concen: 72.192 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030929.D
 Acq: 11 Nov 2017 5:14

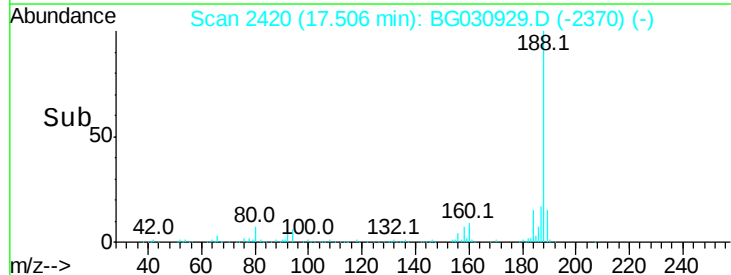
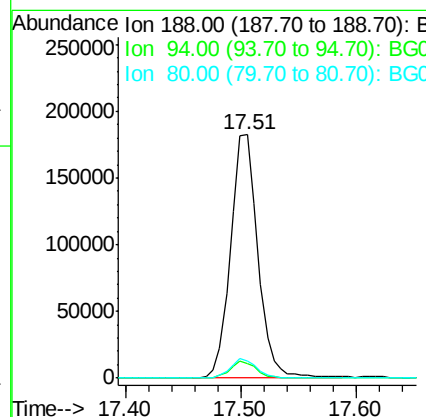
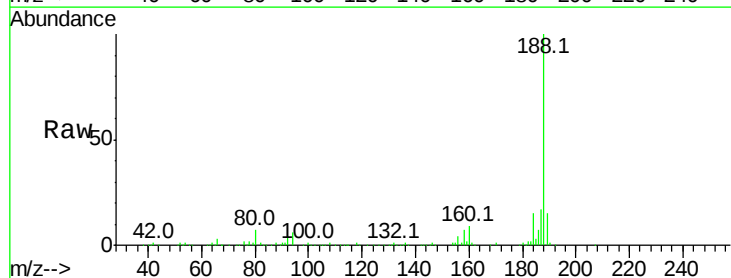
Instrument :
 BNA_G
 ClientSampleId :

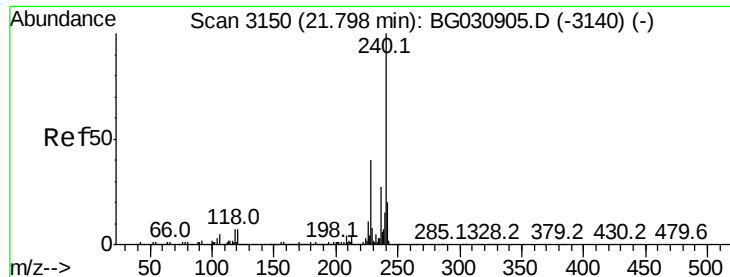
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.2	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BG030929.D
 Acq: 11 Nov 2017 5:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	7.2	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030929.D

Acq: 11 Nov 2017 5:14

Instrument :

BNA_G

ClientSampleId :

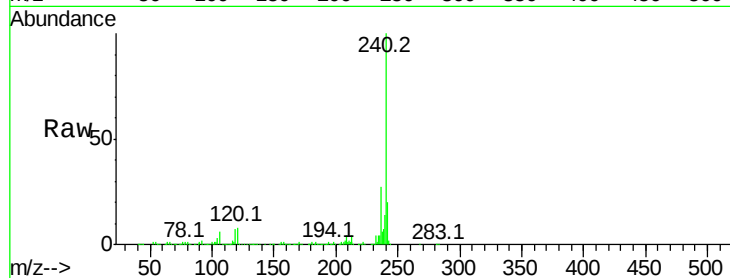
Tot Ion:240 Resp: 455803

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

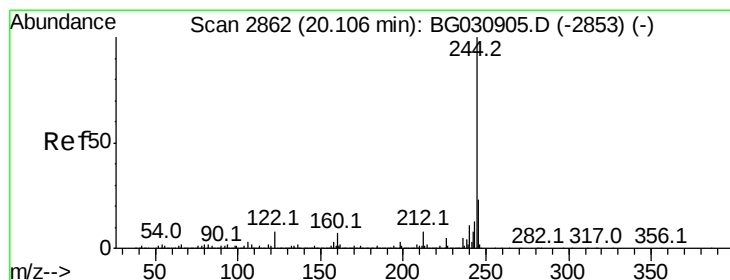
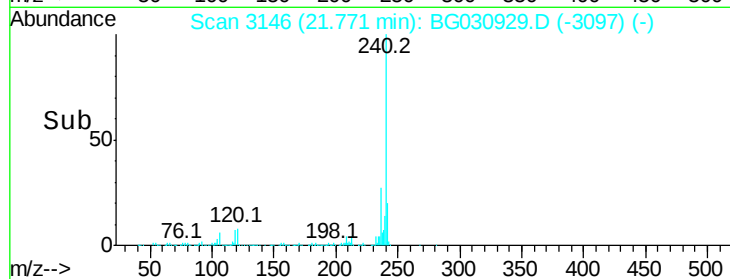
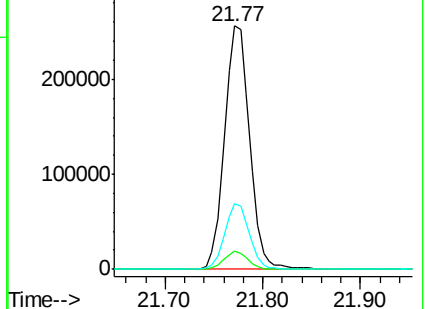
236 26.9 20.9 31.3



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: 60.867 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030929.D

Acq: 11 Nov 2017 5:14

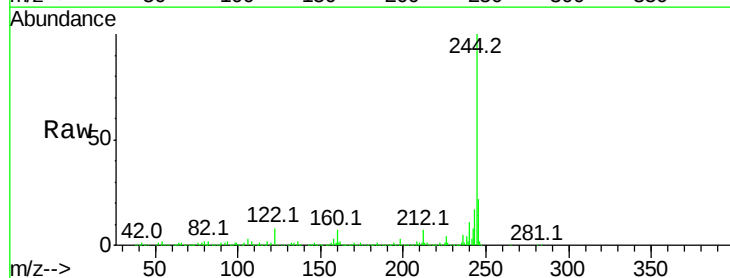
Tgt Ion:244 Resp: 1256439

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

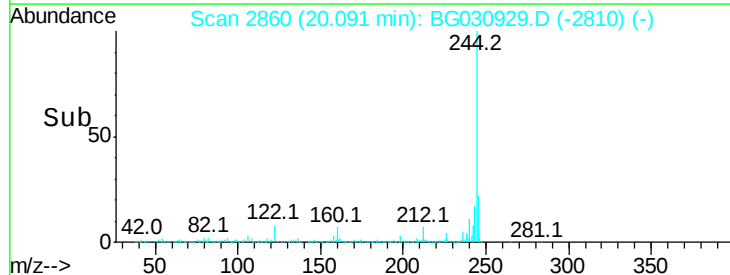
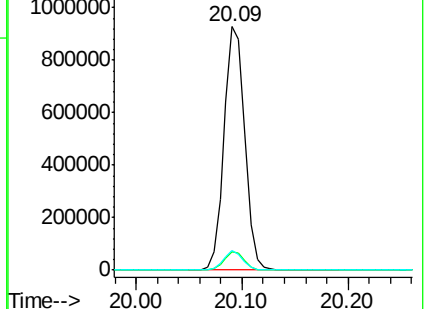
122 7.9 7.0 10.4



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

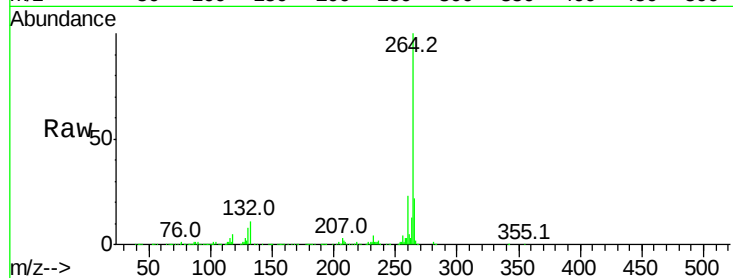




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3708
 Delta R.T. -0.02 min
 Lab File: BG030929.D
 Acq: 11 Nov 2017 5:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	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

