

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030526.D
 Acq On : 28 Oct 2017 14:03
 Operator : SJ/JU
 Sample : PB103627BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:43:20 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	66404	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	283105	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	190612	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	503513	20.00	ng	0.00
75) Chrysene-d12	21.79	240	557311	20.00	ng	0.00
86) Perylene-d12	25.11	264	553335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	477312	120.08	ng	0.00
7) Phenol-d6	7.32	99	607921	108.96	ng	0.00
23) Nitrobenzene-d5	9.33	82	352542	79.13	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	326522	132.68	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	973569	74.91	ng	0.00
78) Terphenyl-d14	20.11	244	1721328	70.26	ng	0.00

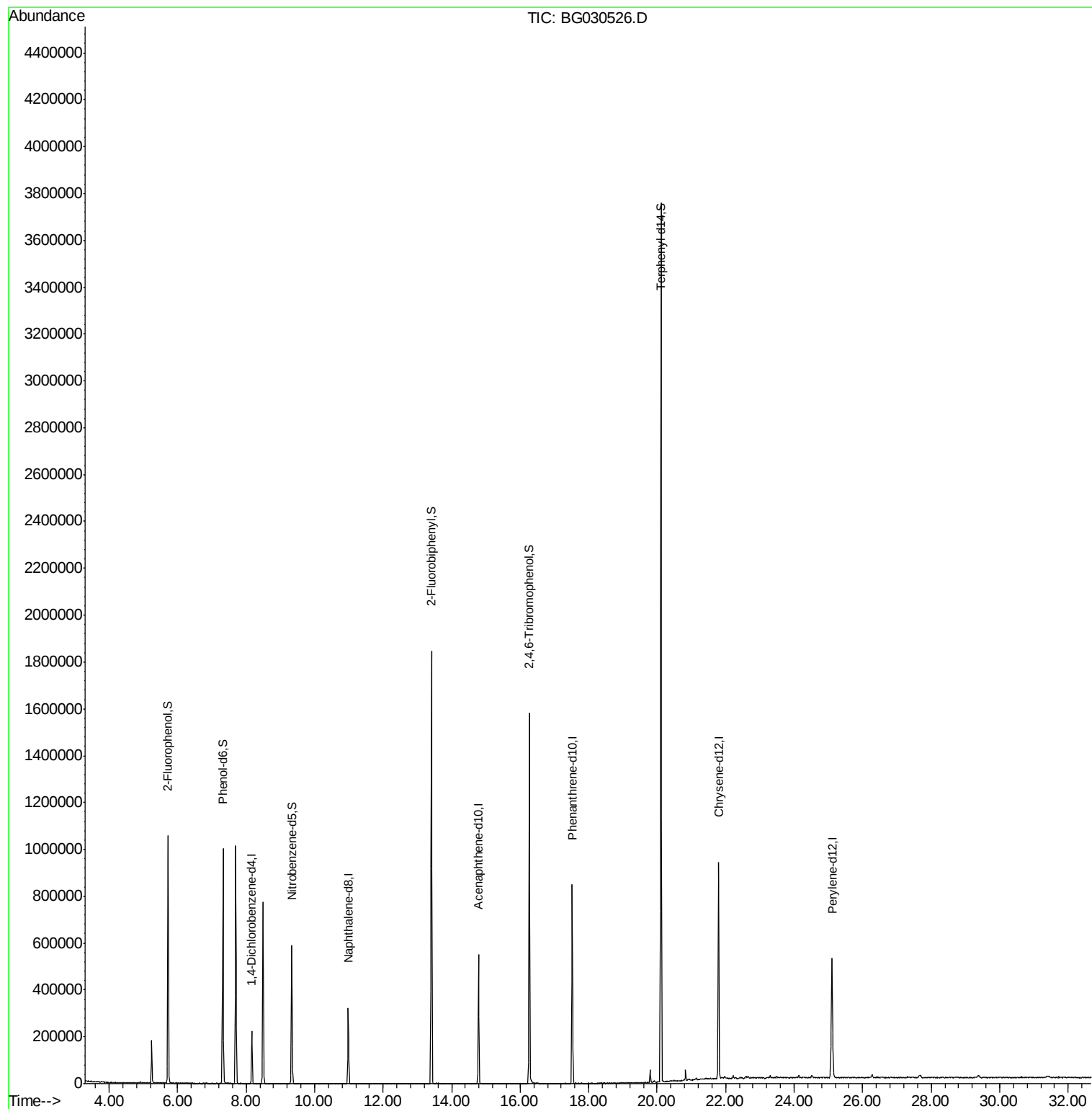
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG030526.D

Acq: 28 Oct 2017 14:03

Instrument :

BNA_G

ClientSampleId :

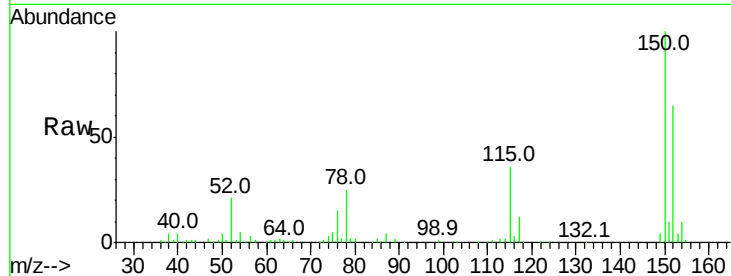
Tot Ion:152 Resp: 66404

Ion Ratio Lower Upper

152 100

150 153.2 126.6 189.8

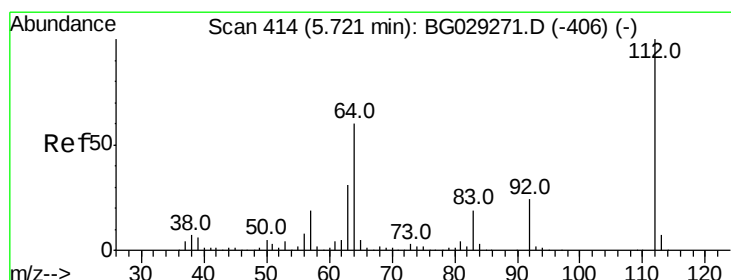
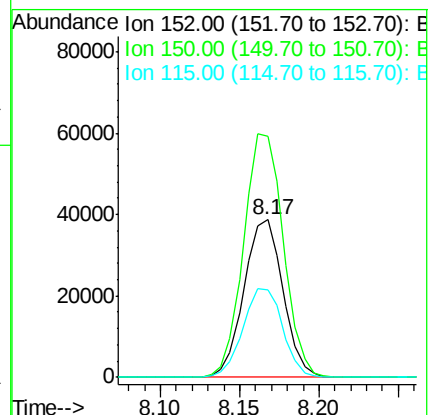
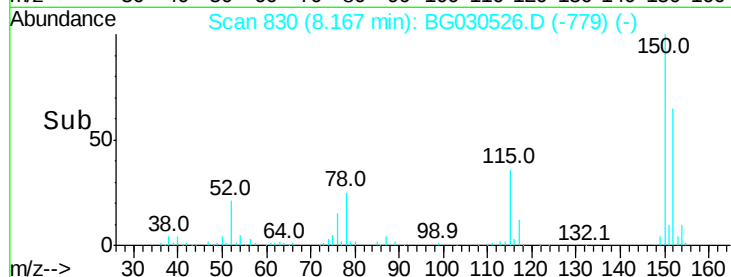
115 55.8 53.0 79.4



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: 120.079 ng

RT: 5.72 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG030526.D

Acq: 28 Oct 2017 14:03

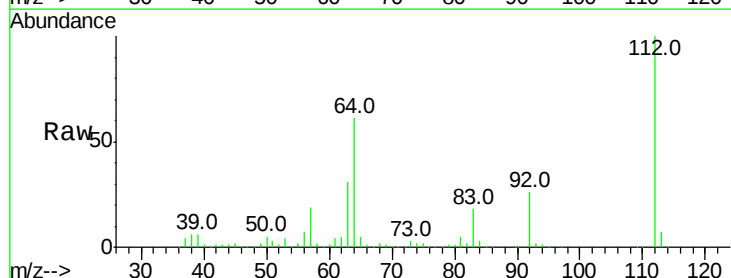
Tgt Ion:112 Resp: 477312

Ion Ratio Lower Upper

112 100

64 60.5 56.3 84.5

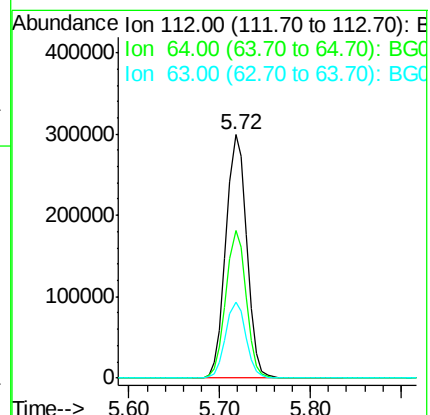
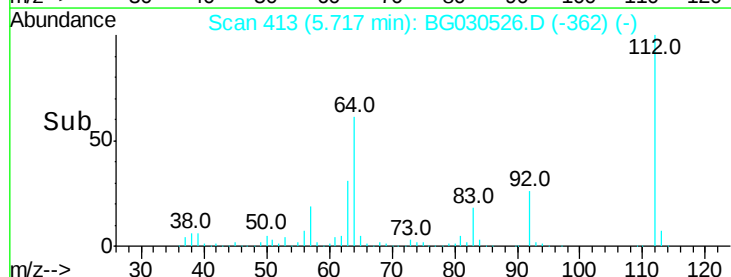
63 31.2 30.1 45.1

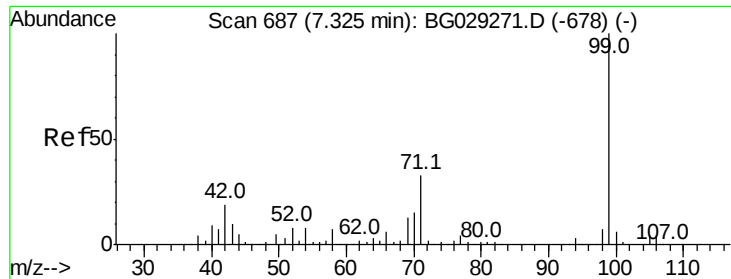


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 108.956 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030526.D

Acq: 28 Oct 2017 14:03

Instrument :

BNA_G

ClientSampleId :

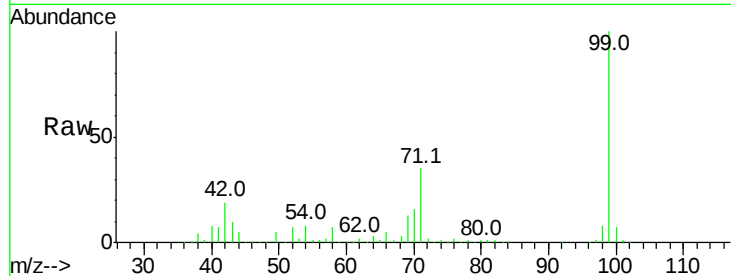
Tot Ion: 99 Resp: 607921

Ion Ratio Lower Upper

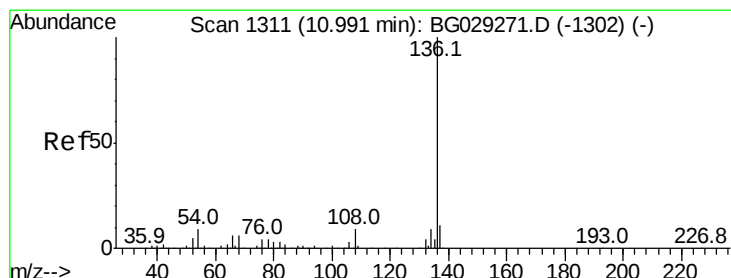
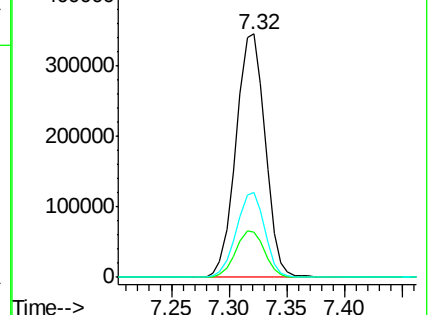
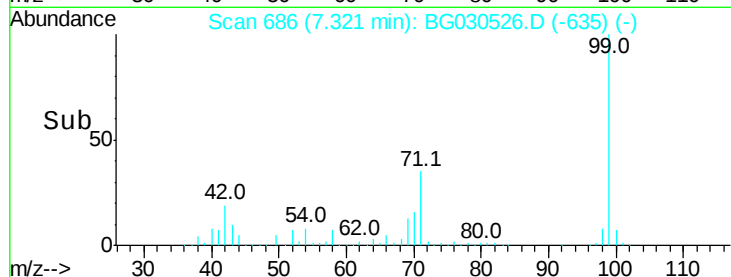
99 100

42 18.8 14.1 21.1

71 34.7 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: BG030526.D

Acq: 28 Oct 2017 14:03

Tgt Ion: 136 Resp: 283105

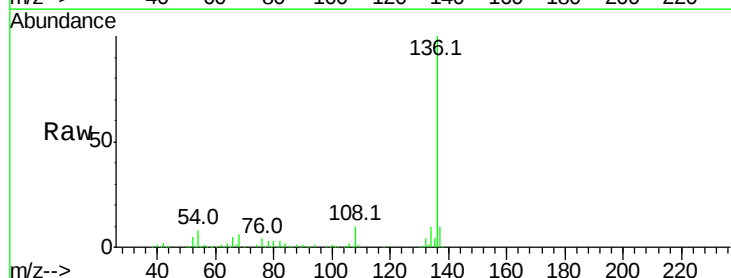
Ion Ratio Lower Upper

136 100

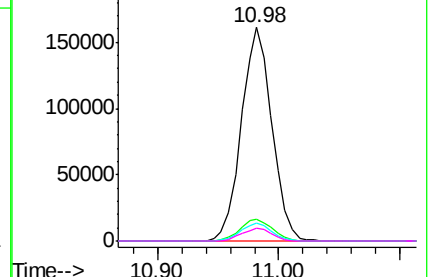
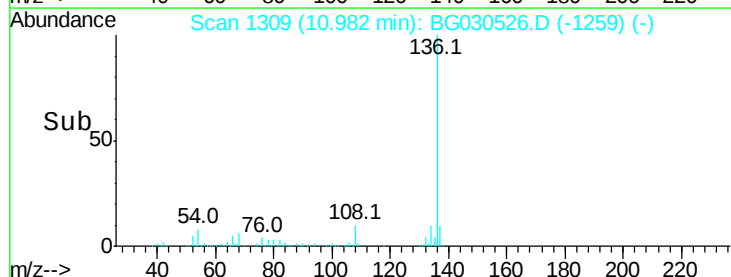
137 10.2 9.2 13.8

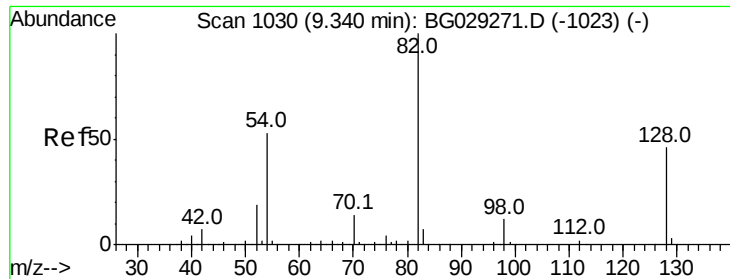
54 8.2 10.3 15.5#

68 5.7 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

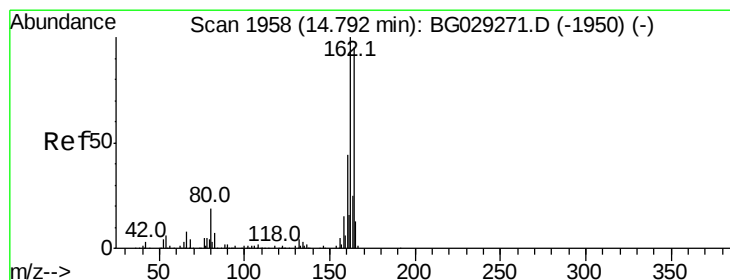
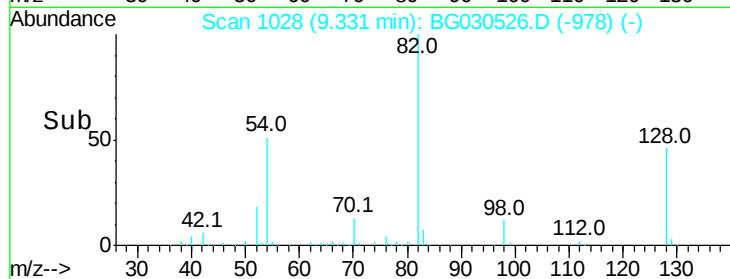
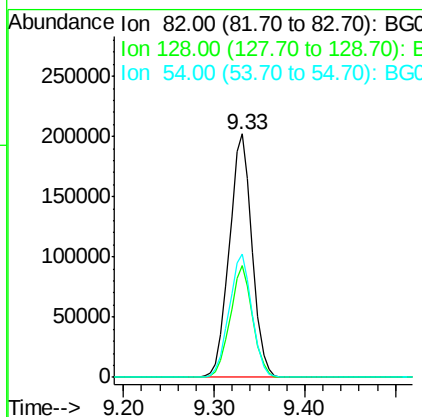
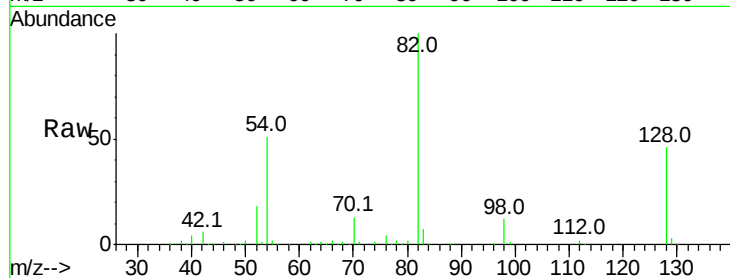




#23
 Nitrobenzene-d5
 Concen: 79.133 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG030526.D
 Acq: 28 Oct 2017 14:03

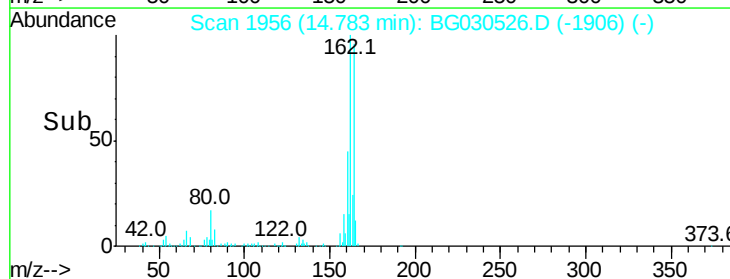
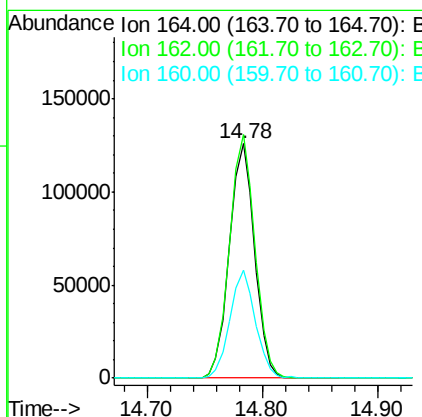
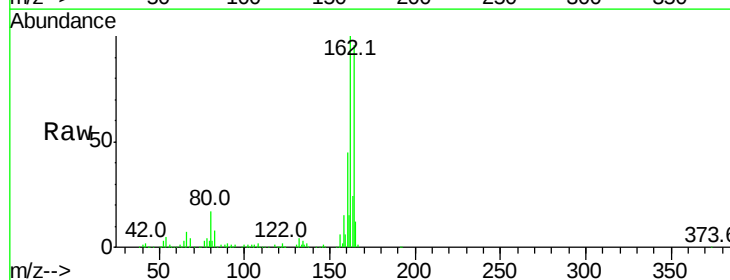
Instrument :
 BNA_G
 ClientSampleId :

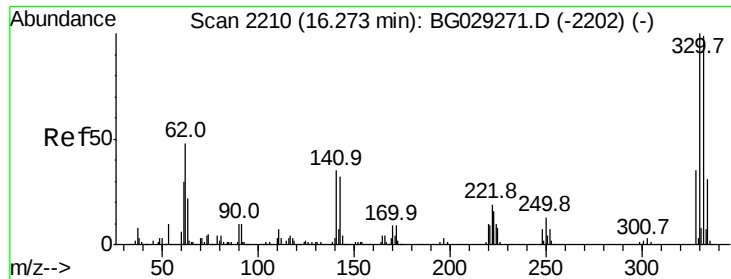
Tot Ion	82	Resp	352542
Ion	Ratio	Lower	Upper
82	100		
128	45.7	29.7	44.5#
54	50.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG030526.D
 Acq: 28 Oct 2017 14:03

Tgt Ion	164	Resp	190612
Ion	Ratio	Lower	Upper
164	100		
162	104.0	78.8	118.2
160	46.3	35.4	53.0

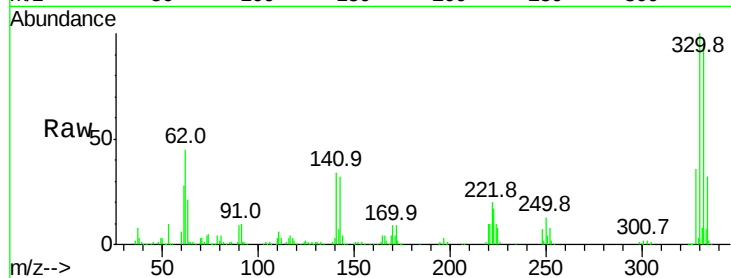




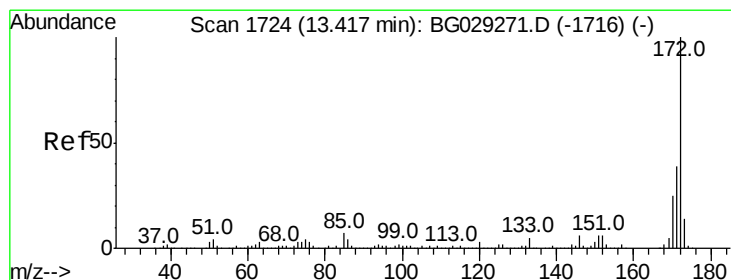
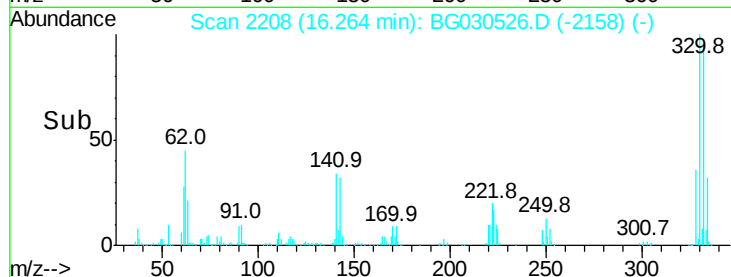
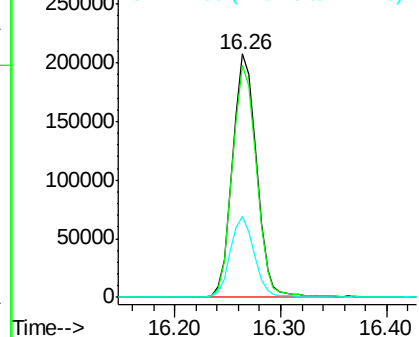
#41
 2,4,6-Tribromophenol
 Concen: 132.679 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG030526.D
 Acq: 28 Oct 2017 14:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.1	25.2	37.8

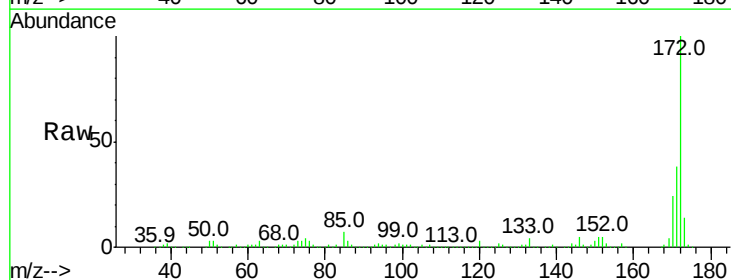


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

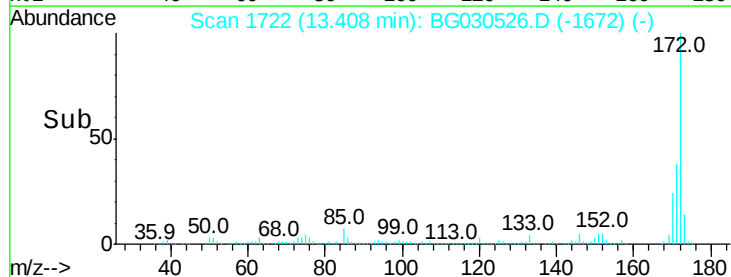
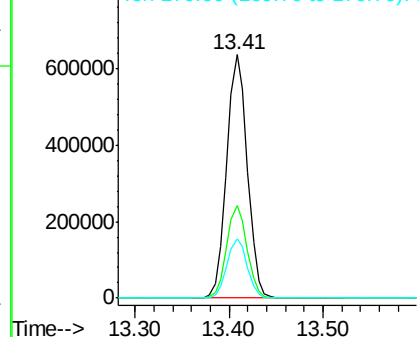


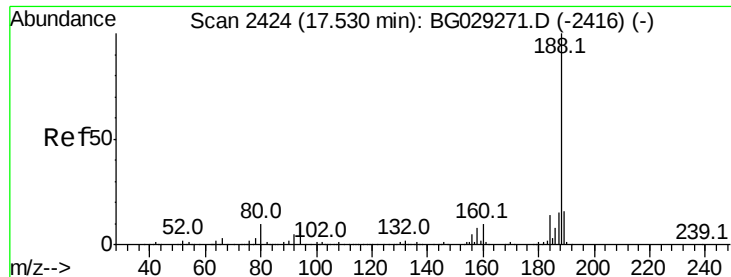
#44
 2-Fluorobiphenyl
 Concen: 74.911 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG030526.D
 Acq: 28 Oct 2017 14:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.4	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

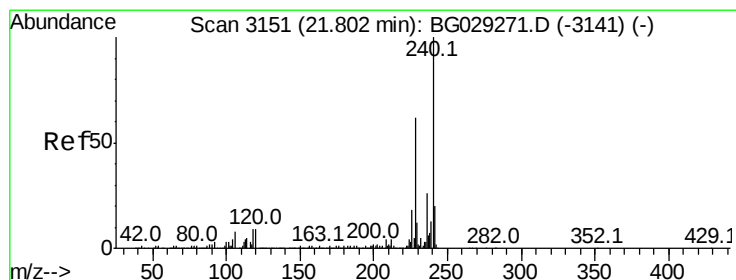
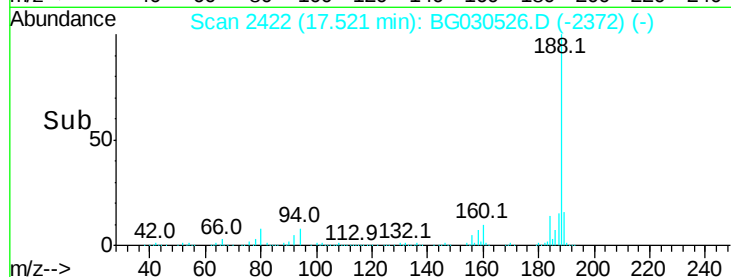
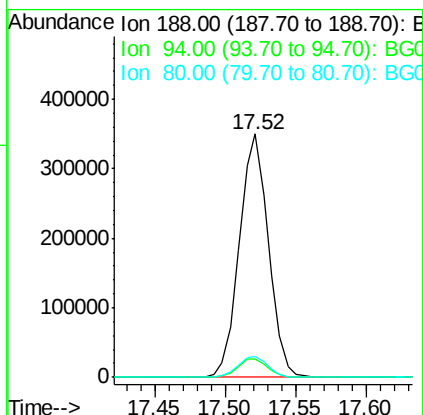
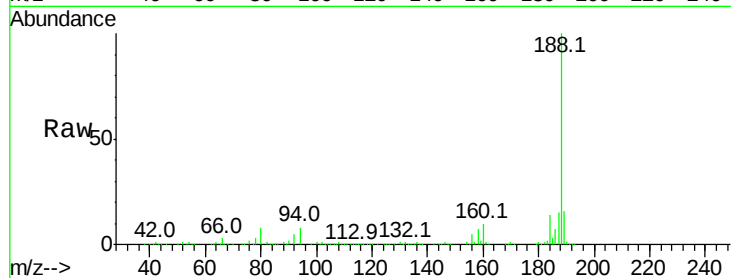




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030526.D
Acq: 28 Oct 2017 14:03

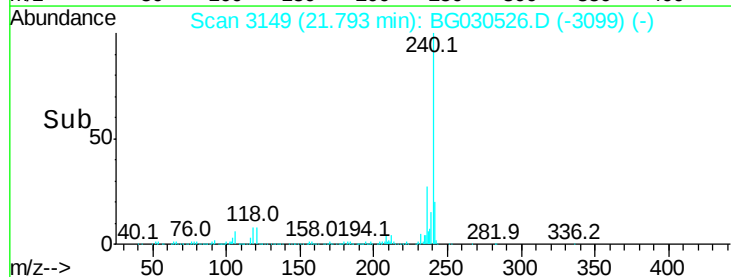
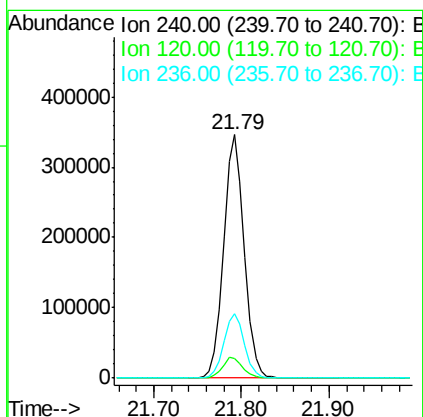
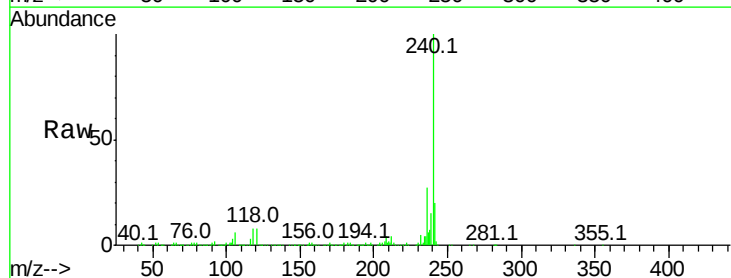
Instrument :
BNA_G
ClientSampleId :

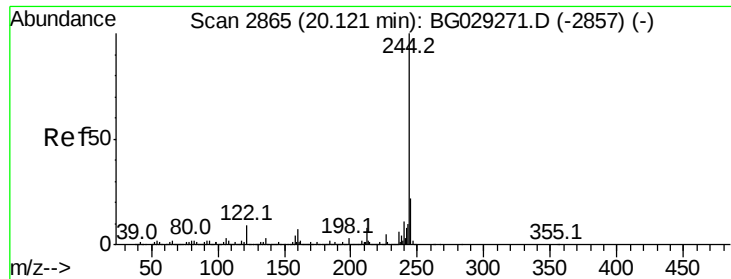
Tot Ion:188 Resp: 503513
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 8.4 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG030526.D
Acq: 28 Oct 2017 14:03

Tgt Ion:240 Resp: 557311
Ion Ratio Lower Upper
240 100
120 8.2 6.8 10.2
236 26.6 20.9 31.3

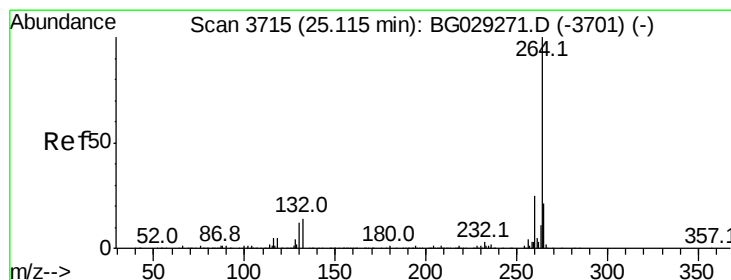
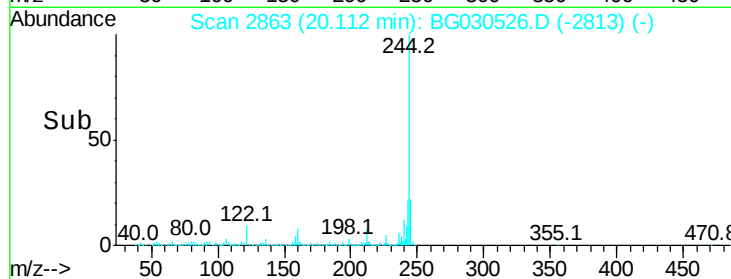
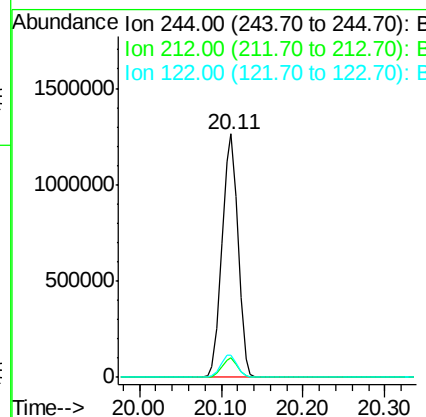
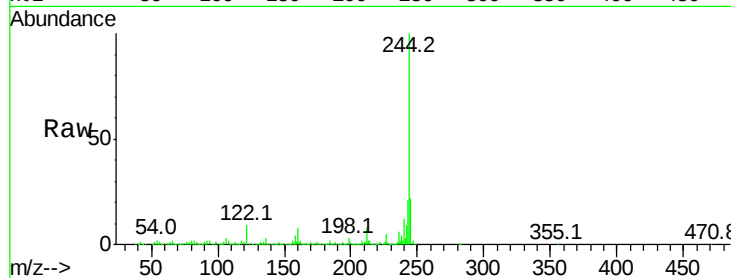




#78
 Terphenyl-d14
 Concen: 70.264 ng
 RT: 20.11 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG030526.D
 Acq: 28 Oct 2017 14:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1721328
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 9.3 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG030526.D
 Acq: 28 Oct 2017 14:03

Tgt Ion:264 Resp: 553335
 Ion Ratio Lower Upper
 264 100
 260 25.0 17.4 26.0
 265 19.9 17.7 26.5

