

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
 Data File : BG031260.D
 Acq On : 28 Nov 2017 20:29
 Operator : SJ/JU
 Sample : I6610-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 29 06:22:05 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

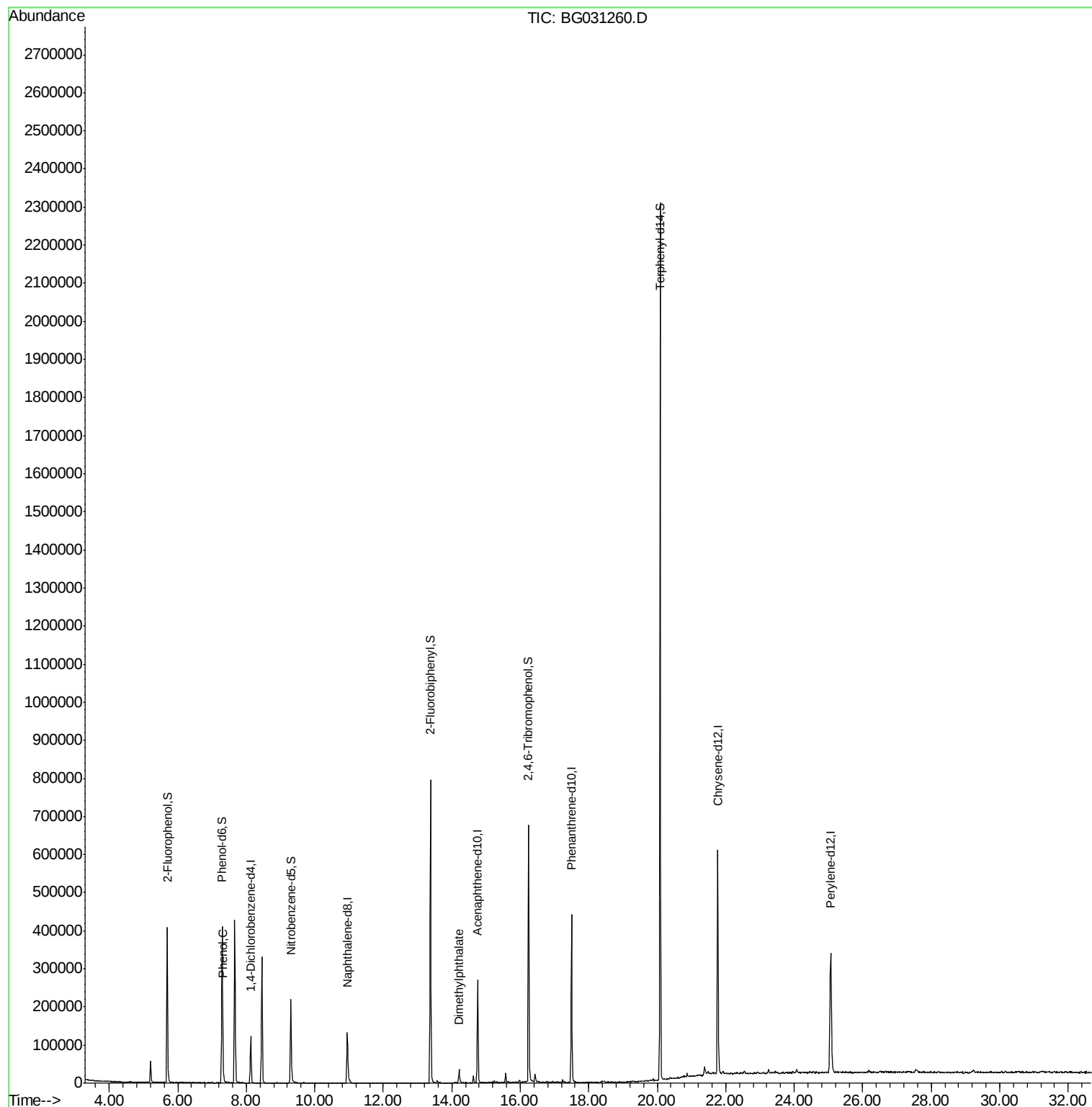
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	38872	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	156705	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	106434	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	317007	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	389943	20.00	ng	-0.02
86) Perylene-d12	25.06	264	376425	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	209801	92.55	ng	-0.02
7) Phenol-d6	7.29	99	278133	91.07	ng	-0.01
23) Nitrobenzene-d5	9.30	82	158299	59.86	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	144604	83.99	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	494221	66.72	ng	-0.02
78) Terphenyl-d14	20.09	244	1168647	66.18	ng	-0.01
Target Compounds						
10) Phenol	7.32	94	9461	2.98	ng	Qvalue # 79
49) Dimethylphthalate	14.21	163	37252	4.05	ng	96

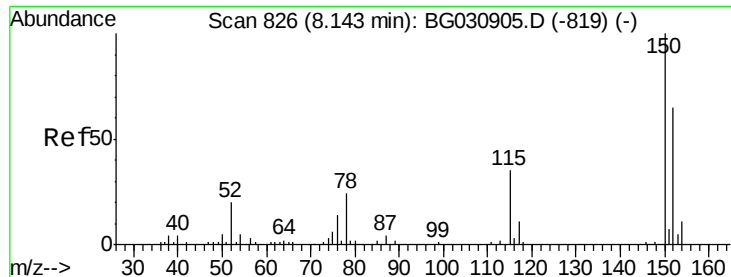
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 10 15:38:25 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG031260.D

Acq: 28 Nov 2017 20:29

Instrument :

BNA_G

ClientSampleId :

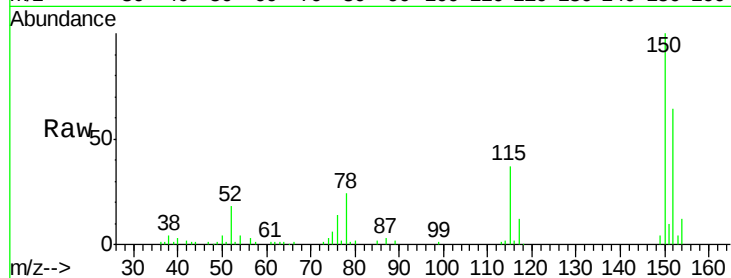
Tot Ion:152 Resp: 38872

Ion Ratio Lower Upper

152 100

150 156.8 126.6 189.8

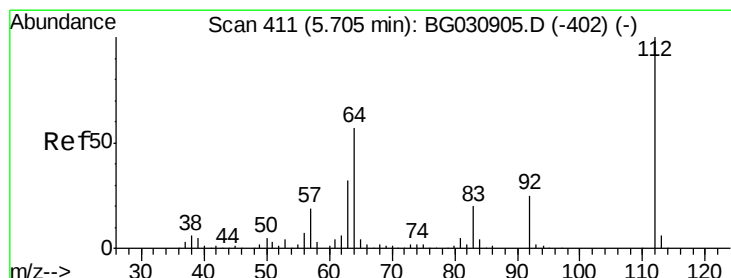
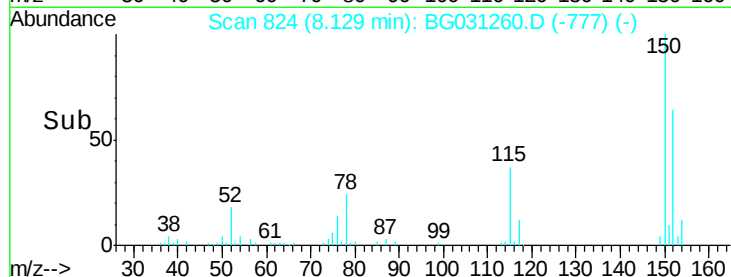
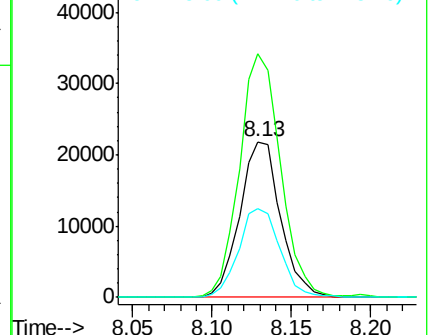
115 57.4 53.0 79.4



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: 92.55 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031260.D

Acq: 28 Nov 2017 20:29

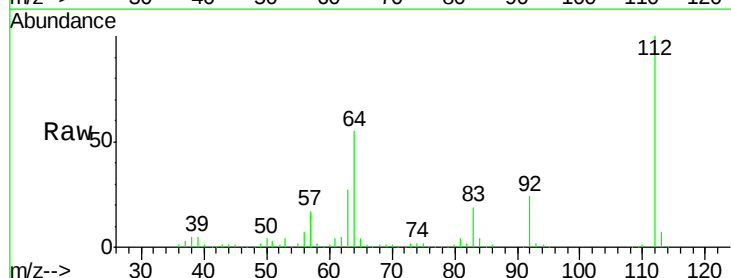
Tgt Ion:112 Resp: 209801

Ion Ratio Lower Upper

112 100

64 55.0 56.3 84.5#

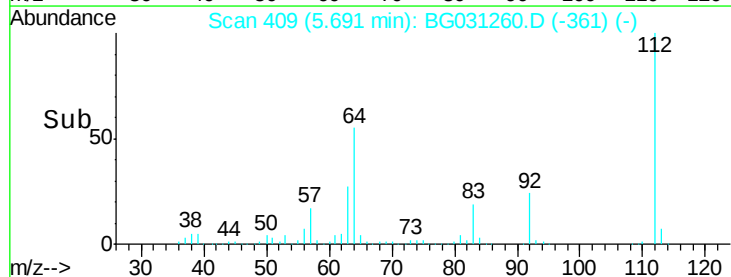
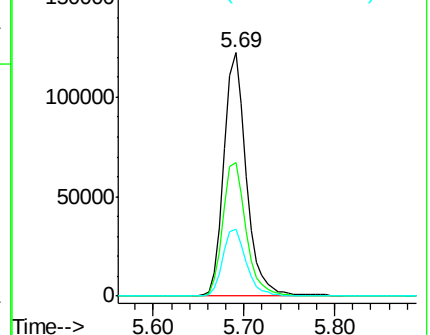
63 27.4 30.1 45.1#

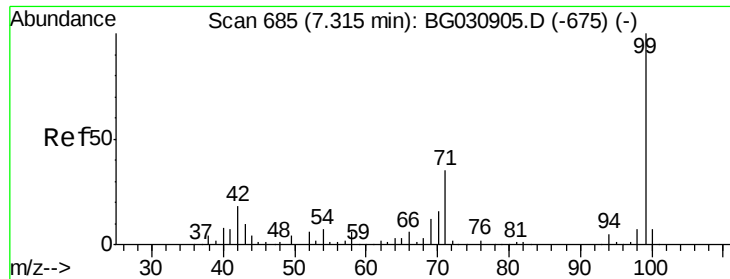


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 91.07 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031260.D

Acq: 28 Nov 2017 20:29

Instrument :

BNA_G

ClientSampleId :

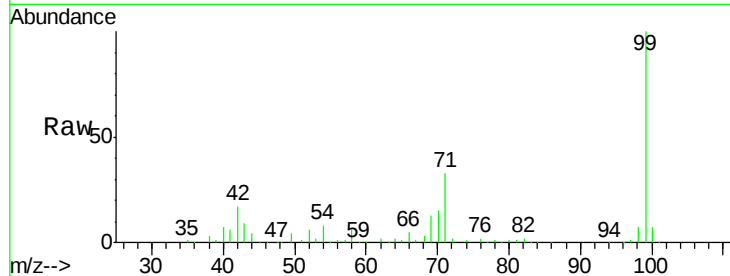
Tot Ion: 99 Resp: 278133

Ion Ratio Lower Upper

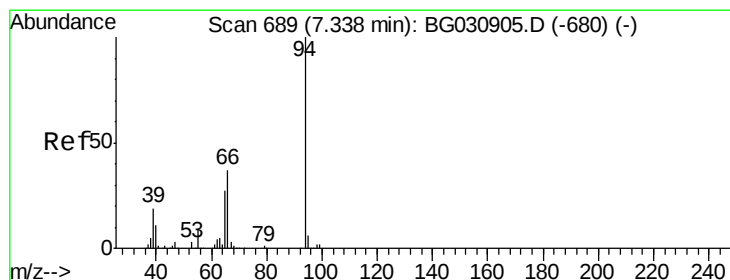
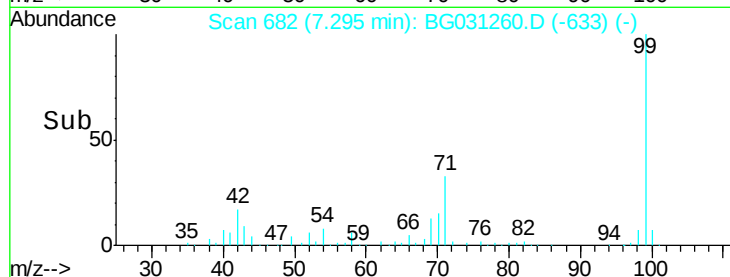
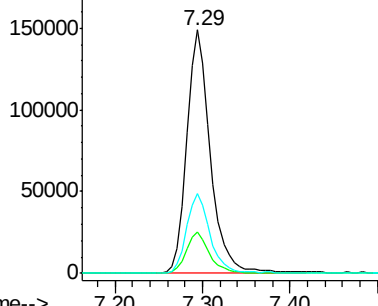
99 100

42 16.9 14.1 21.1

71 32.9 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



#10

Phenol

Concen: 2.98 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.02 min

Lab File: BG031260.D

Acq: 28 Nov 2017 20:29

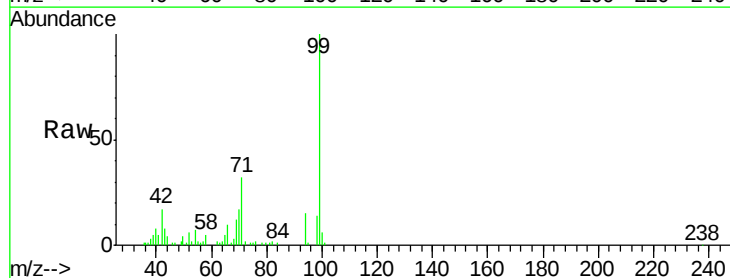
Tgt Ion: 94 Resp: 9461

Ion Ratio Lower Upper

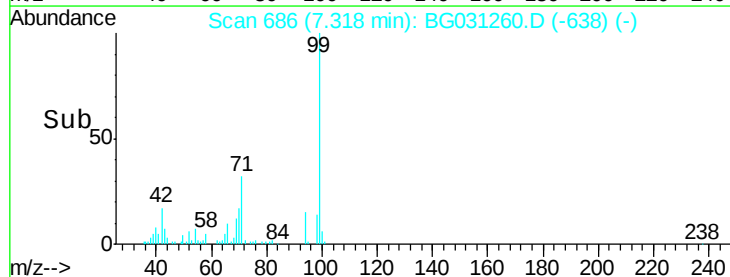
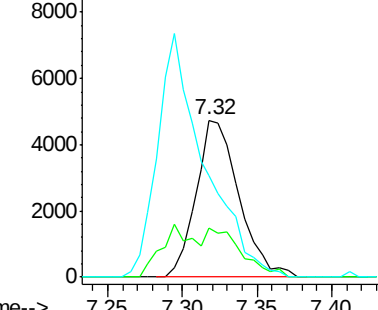
94 100

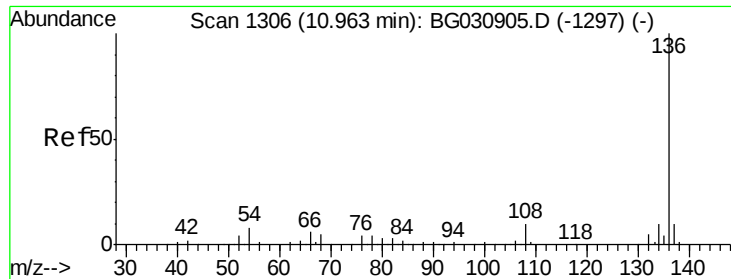
65 31.0 11.9 51.9

66 64.7 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

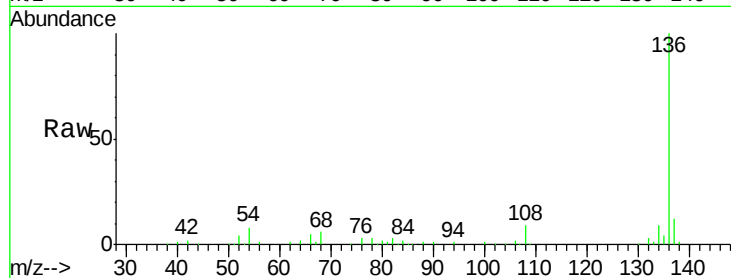




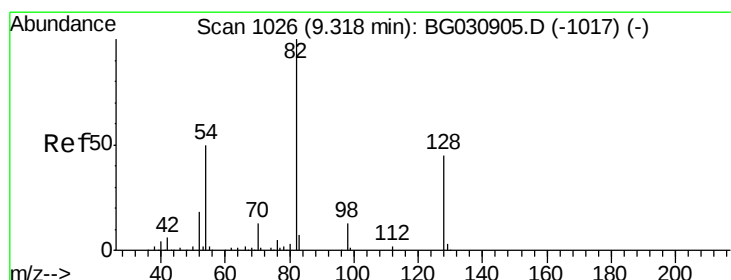
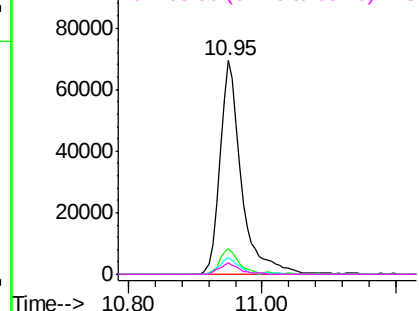
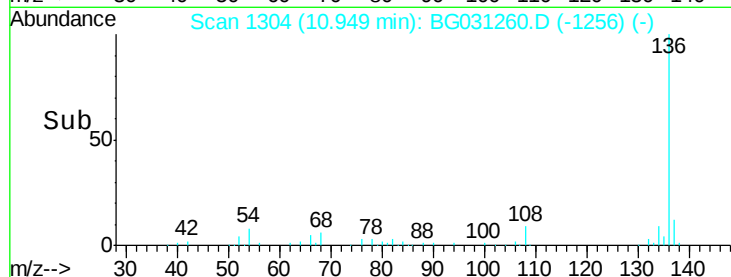
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031260.D
Acq: 28 Nov 2017 20:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	156705
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.2 13.8
54	7.8	10.3 15.5#
68	5.6	4.5 6.7

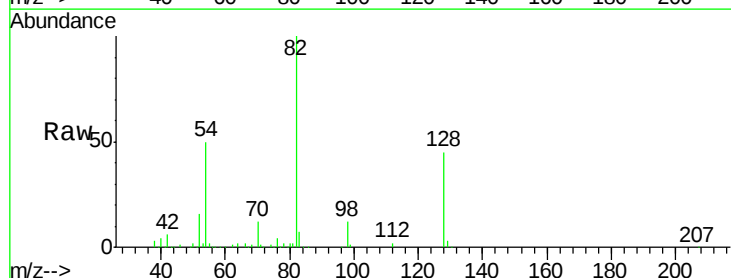


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

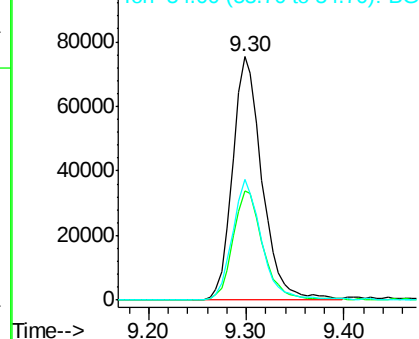
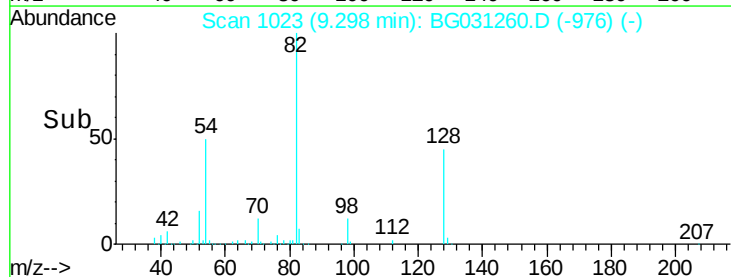


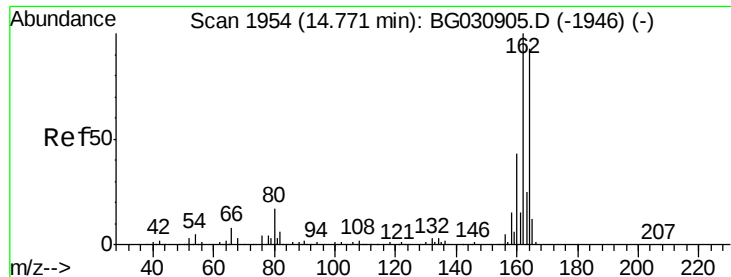
#23
Nitrobenzene-d5
Concen: 59.86 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031260.D
Acq: 28 Nov 2017 20:29

Tgt Ion: 82	Resp:	158299
Ion Ratio	Lower	Upper
82	100	
128	45.1	29.7 44.5#
54	49.5	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

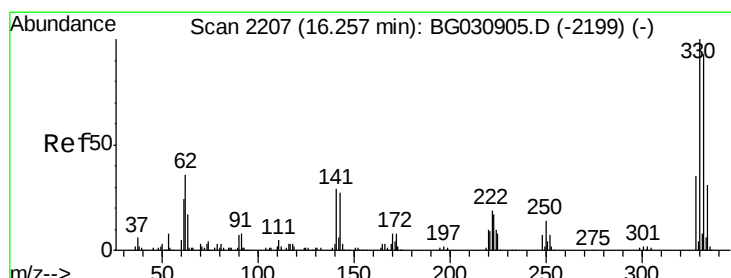
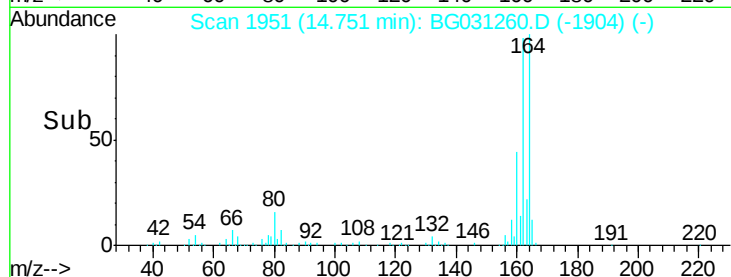
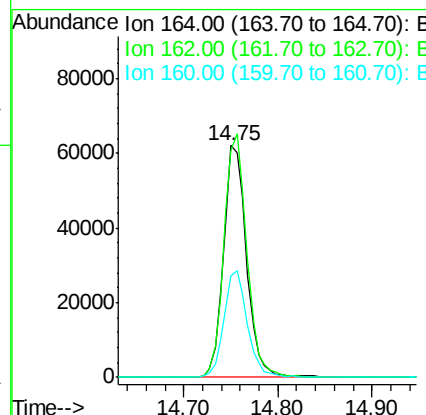
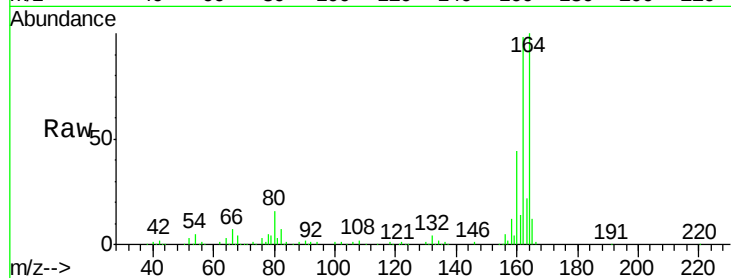




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031260.D
Acq: 28 Nov 2017 20:29

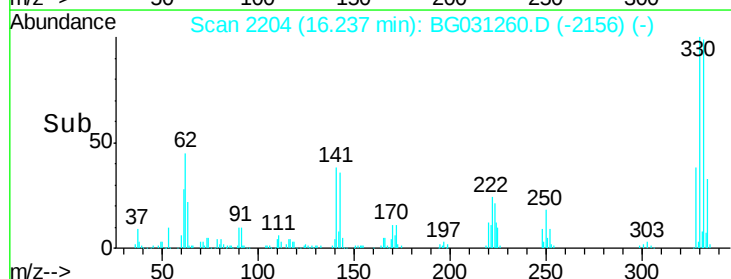
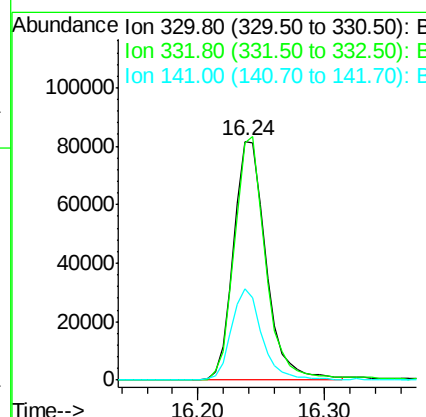
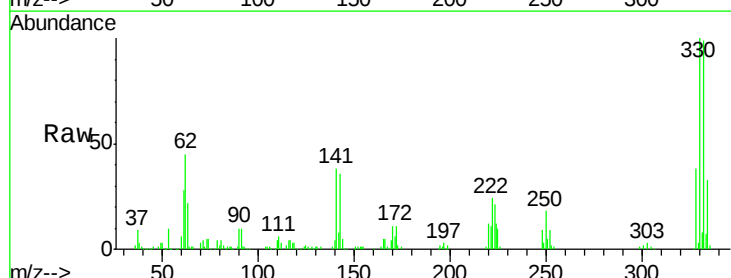
Instrument :
BNA_G
ClientSampleId :

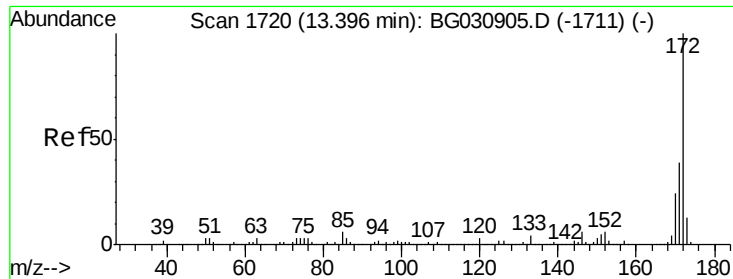
Tot Ion:164 Resp: 106434
Ion Ratio Lower Upper
164 100
162 98.2 78.8 118.2
160 44.0 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 83.99 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BG031260.D
Acq: 28 Nov 2017 20:29

Tgt Ion:330 Resp: 144604
Ion Ratio Lower Upper
330 100
332 98.8 77.0 115.6
141 36.1 25.2 37.8

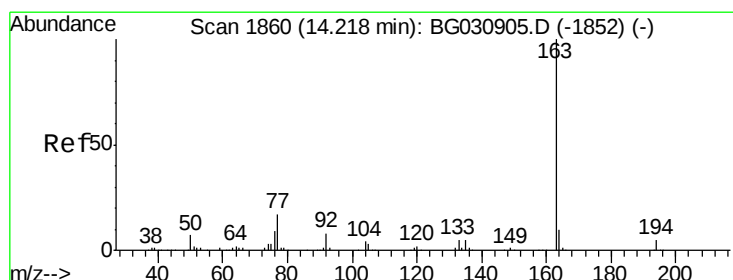
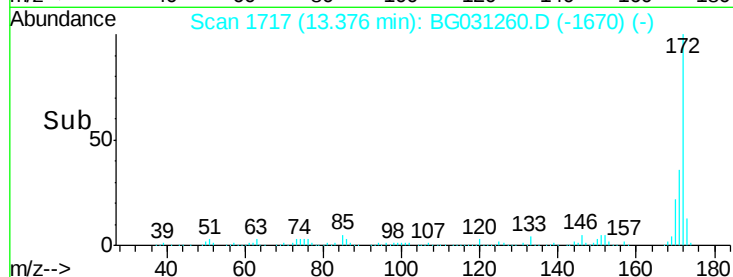
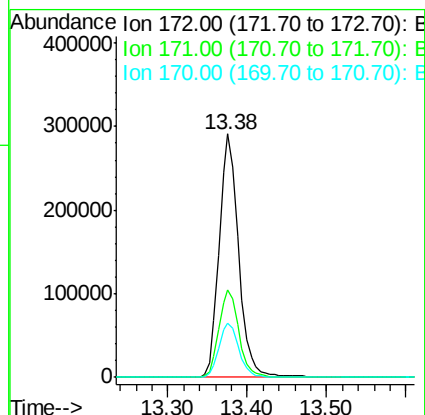
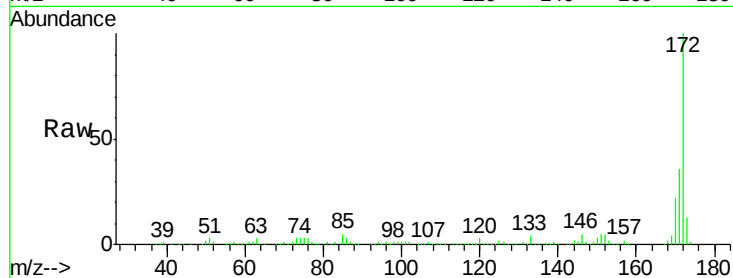




#44
 2-Fluorobiphenyl
 Concen: 66.72 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031260.D
 Acq: 28 Nov 2017 20:29

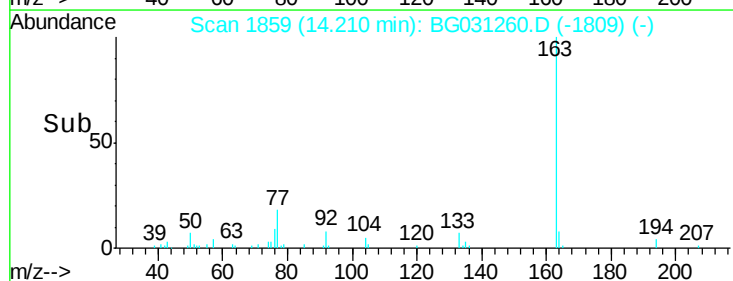
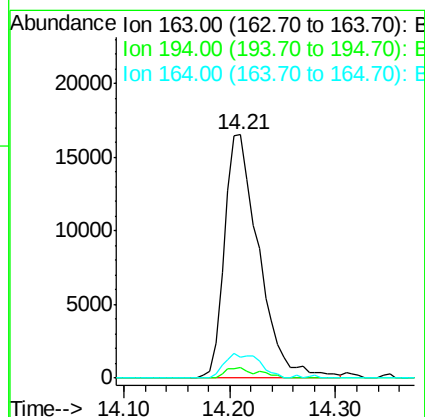
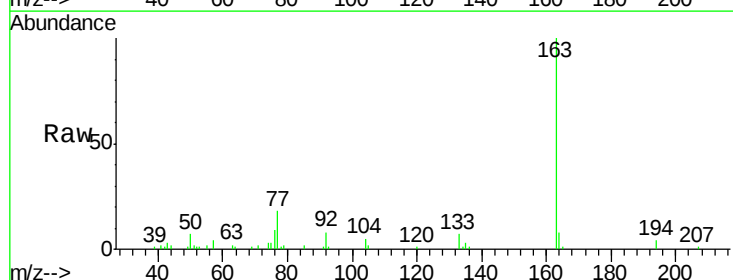
Instrument :
 BNA_G
 ClientSampleId :

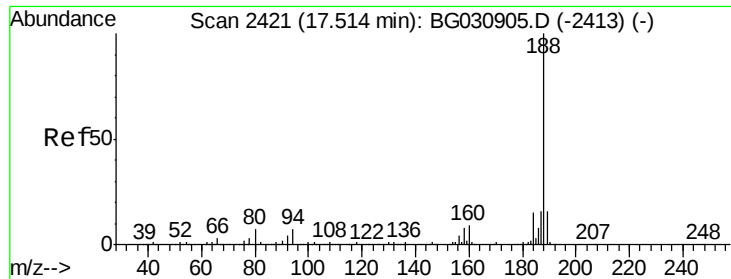
Tot Ion:	172	Resp:	494221
Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.0	45.0
170	22.2	19.5	29.3



#49
 Dimethylphthalate
 Concen: 4.05 ng
 RT: 14.21 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: BG031260.D
 Acq: 28 Nov 2017 20:29

Tgt Ion:	163	Resp:	37252
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	8.4	8.2	12.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG031260.D

Acq: 28 Nov 2017 20:29

Instrument :

BNA_G

ClientSampled :

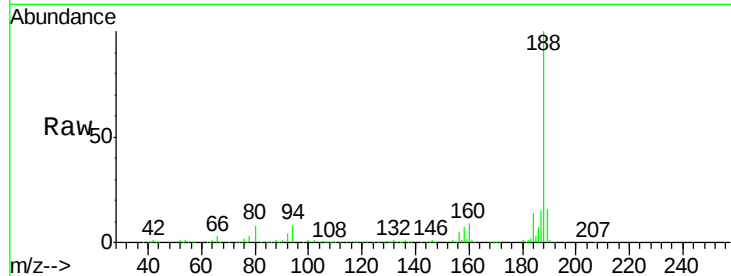
Tot Ion:188 Resp: 317007

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

80 7.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B

250000

200000

150000

100000

50000

0

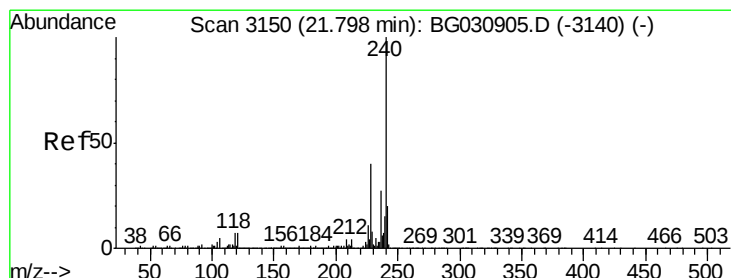
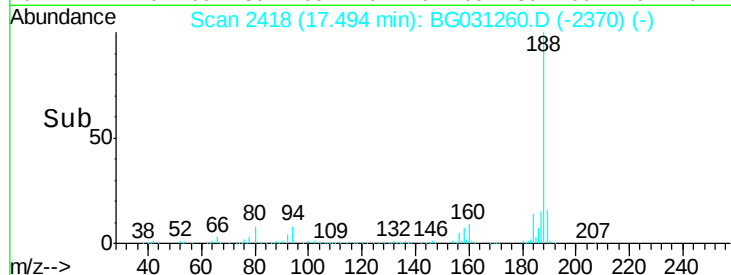
17.49

17.40

17.50

17.60

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031260.D

Acq: 28 Nov 2017 20:29

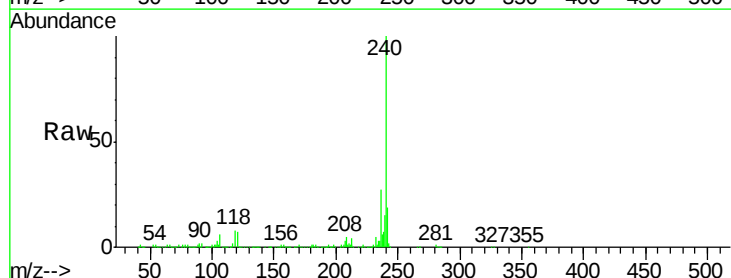
Tgt Ion:240 Resp: 389943

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

236 26.5 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

300000

250000

200000

150000

100000

50000

0

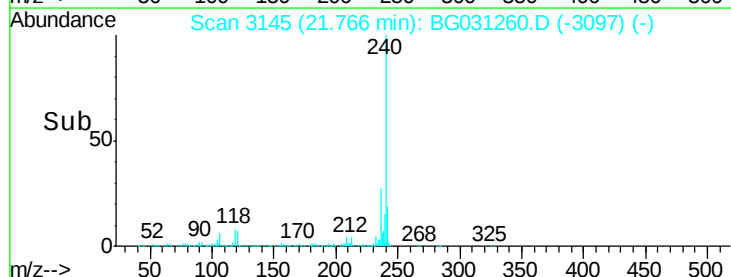
21.77

21.70

21.80

21.90

Time-->





#78

Terphenyl-d14

Concen: 66.18 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031260.D

Acq: 28 Nov 2017 20:29

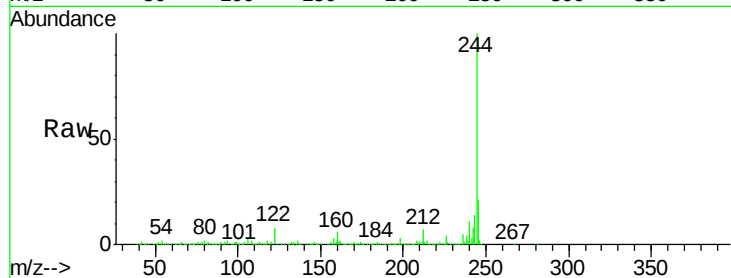
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1168647

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	7.8	7.0	10.4

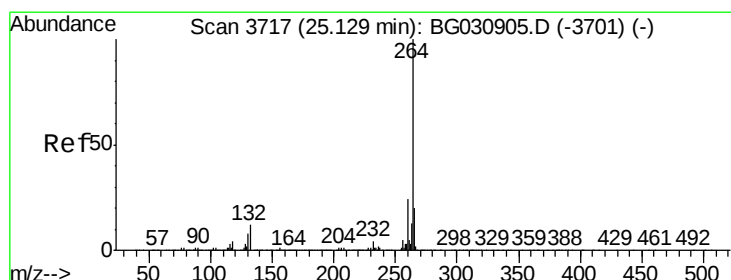
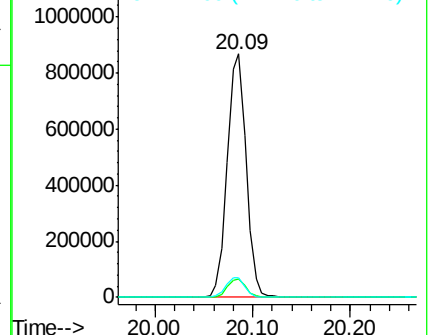
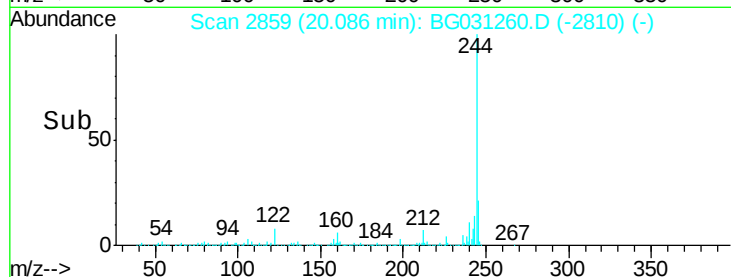


Abundance

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: 20.00 ng

RT: 25.06 min Scan# 3706

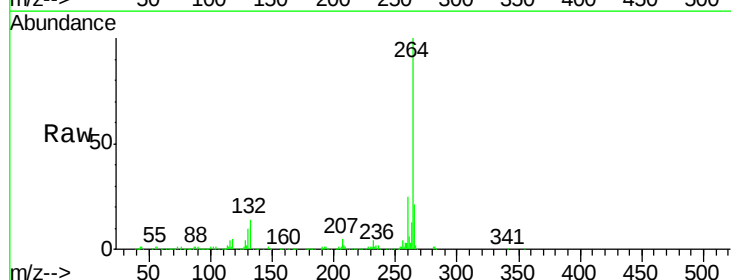
Delta R.T. -0.03 min

Lab File: BG031260.D

Acq: 28 Nov 2017 20:29

Tgt Ion:264 Resp: 376425

Ion	Ratio	Lower	Upper
264	100		
260	25.1	17.4	26.0
265	21.2	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

