

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120817\
 Data File : BG031443.D
 Acq On : 9 Dec 2017 6:37
 Operator : SJ/JU
 Sample : I6744-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PROS-2-E(4-5)

Quant Time: Dec 11 04:30:28 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

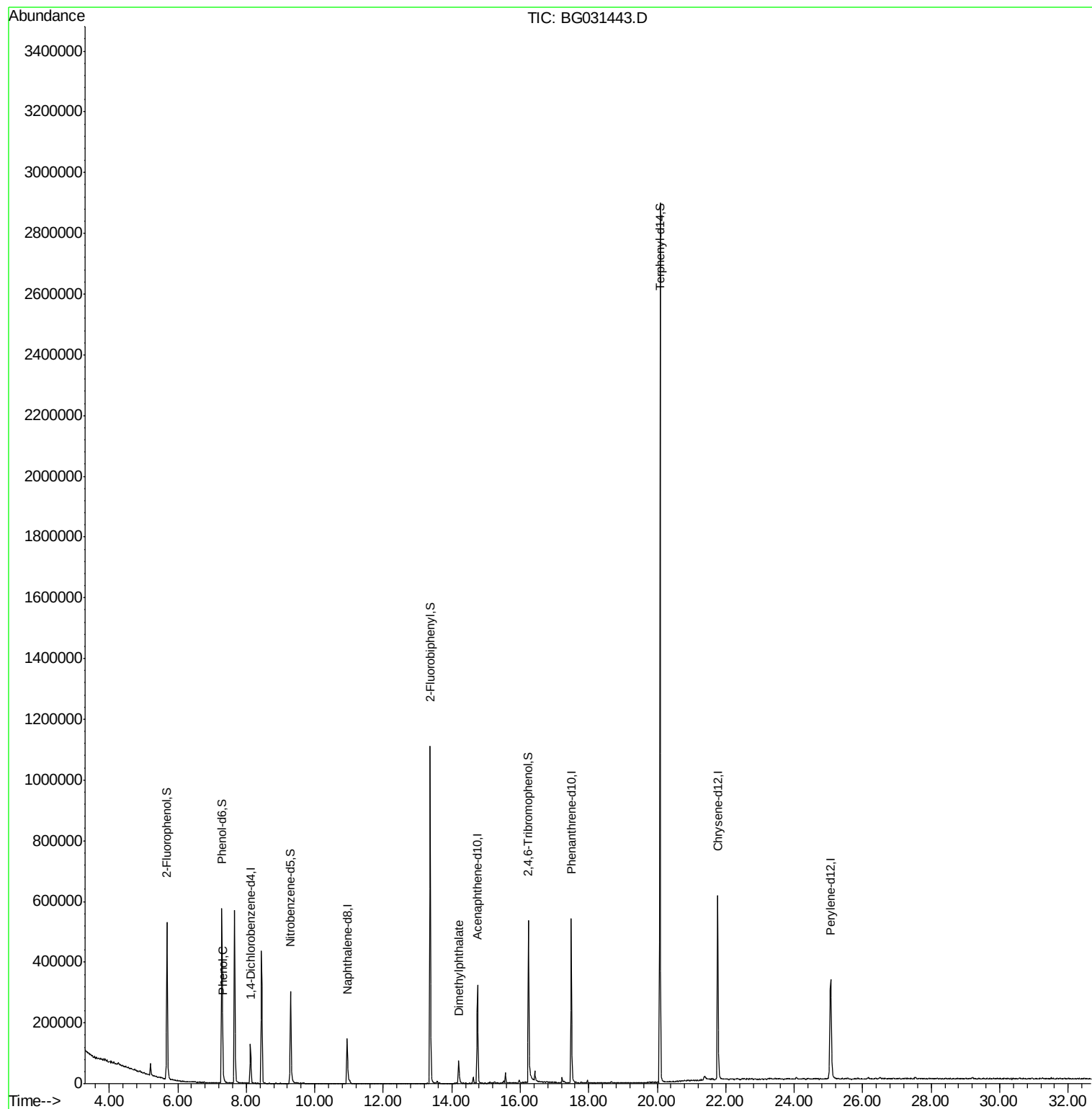
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	38846	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	174217	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	126829	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	376701	20.00	ng	0.00
75) Chrysene-d12	21.77	240	429223	20.00	ng	0.00
86) Perylene-d12	25.06	264	400490	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	256771	113.35	ng	0.00
7) Phenol-d6	7.29	99	359859	117.91	ng	0.00
23) Nitrobenzene-d5	9.29	82	214974	73.12	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	122708	59.81	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	669495	75.85	ng	0.00
78) Terphenyl-d14	20.08	244	1434892	73.82	ng	0.00
Target Compounds						
10) Phenol	7.32	94	13951	4.402	ng	93
49) Dimethylphthalate	14.21	163	75007	6.840	ng	99

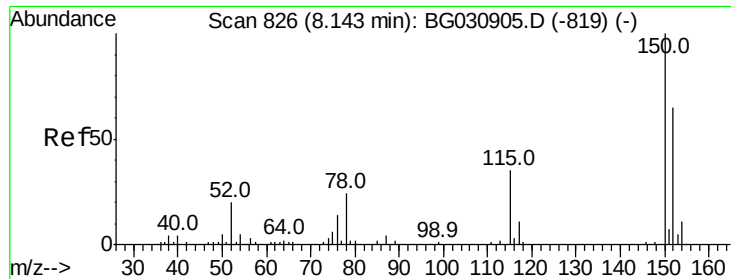
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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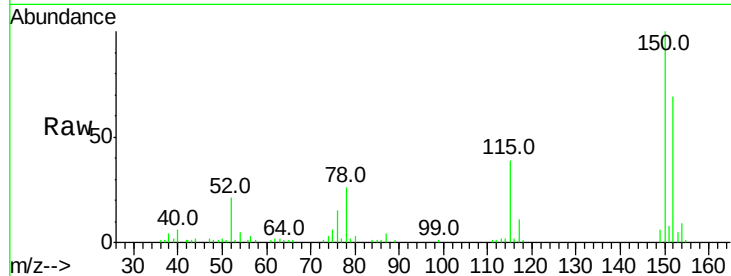


#1

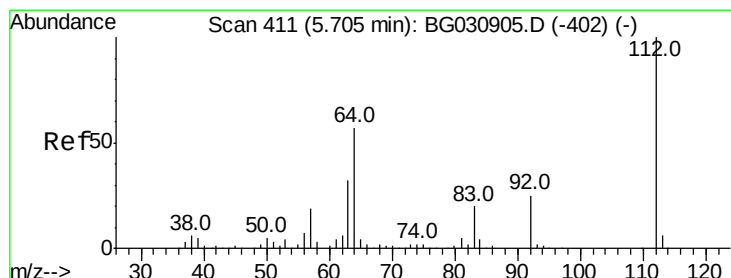
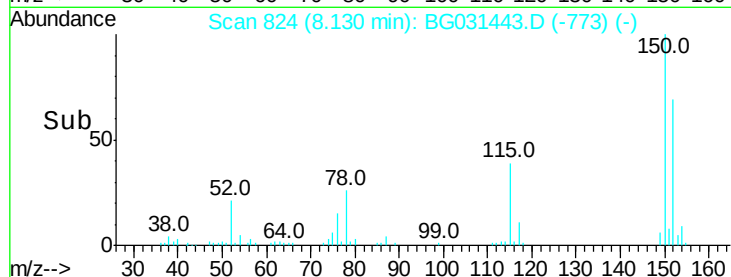
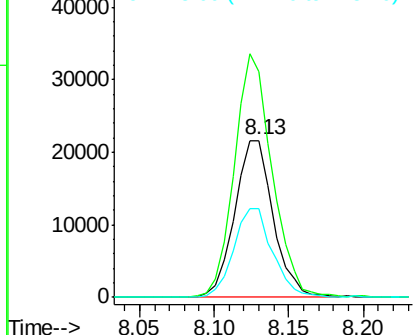
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BG031443.D
 Acq: 9 Dec 2017 6:37

Instrument :
 BNA_G
 ClientSampleId :
 PROS-2-E(4-5)

Tot Ion:152 Resp: 38846
 Ion Ratio Lower Upper
 152 100
 150 143.9 126.6 189.8
 115 56.1 53.0 79.4



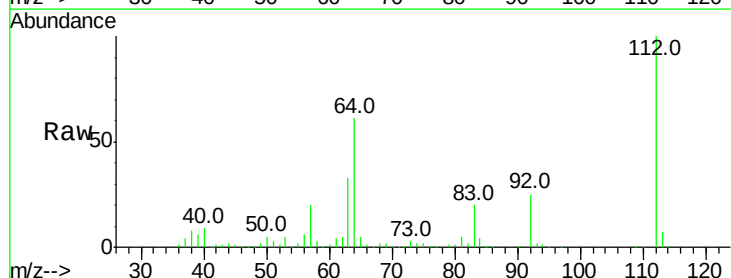
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



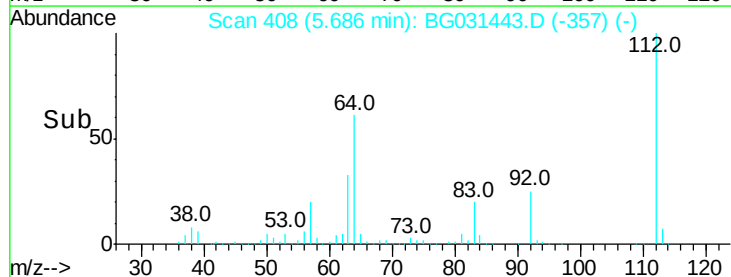
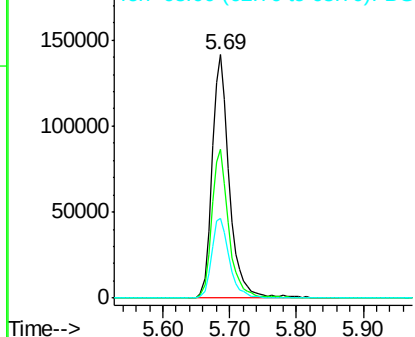
#5

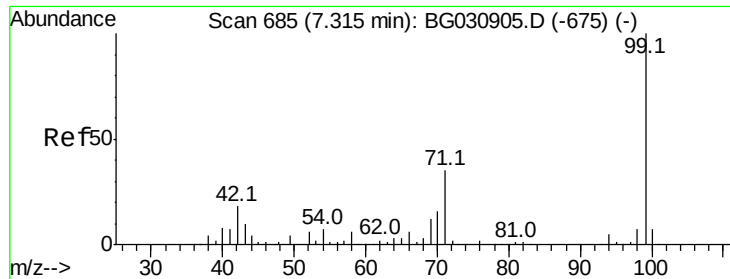
2-Fluorophenol
 Concen: 113.345 ng
 RT: 5.69 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: BG031443.D
 Acq: 9 Dec 2017 6:37

Tgt Ion:112 Resp: 256771
 Ion Ratio Lower Upper
 112 100
 64 61.1 56.3 84.5
 63 32.7 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: 117.910 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG031443.D

Acq: 9 Dec 2017 6:37

Instrument :

BNA_G

ClientSampleId :

PROS-2-E(4-5)

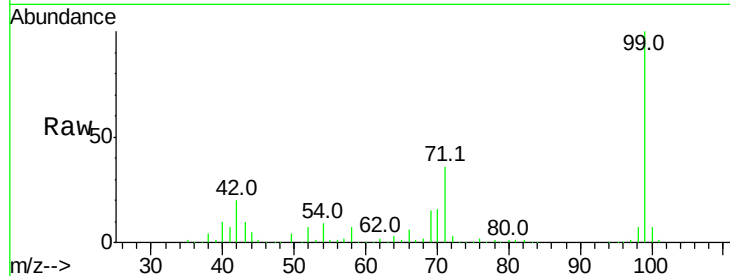
Tot Ion: 99 Resp: 359859

Ion Ratio Lower Upper

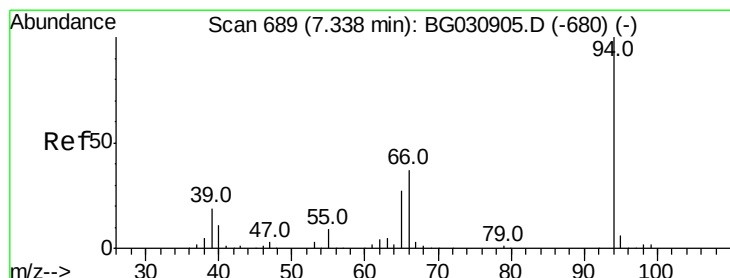
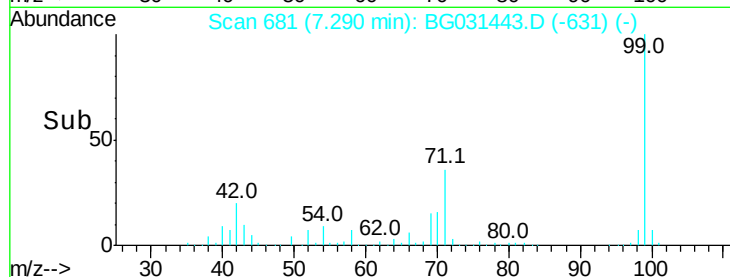
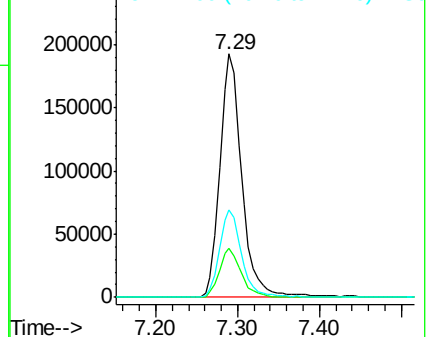
99 100

42 20.0 14.1 21.1

71 36.1 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: 4.402 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG031443.D

Acq: 9 Dec 2017 6:37

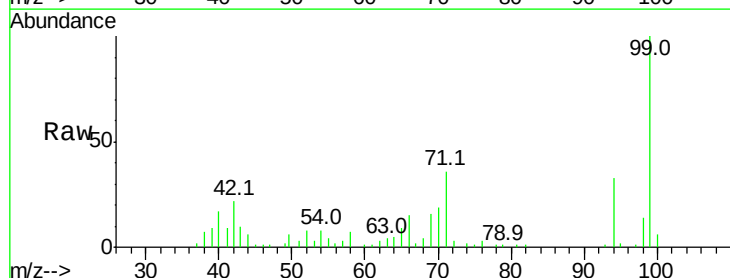
Tgt Ion: 94 Resp: 13951

Ion Ratio Lower Upper

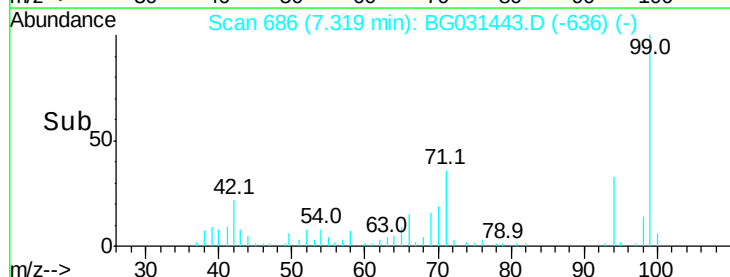
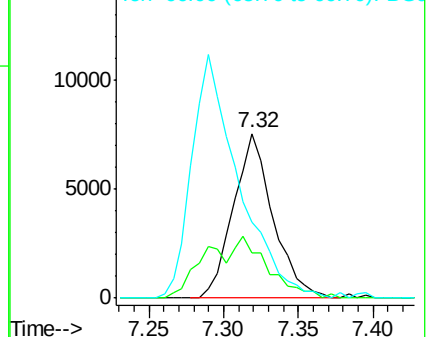
94 100

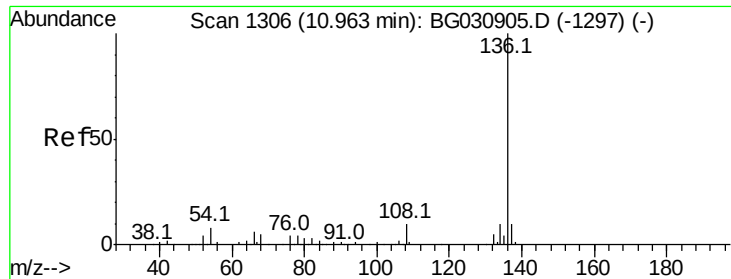
65 27.5 11.9 51.9

66 46.5 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: 20.000 ng

RT: 10.94 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031443.D

Acq: 9 Dec 2017 6:37

Instrument :

BNA_G

ClientSampleId :

PROS-2-E(4-5)

Tot Ion:136 Resp: 174217

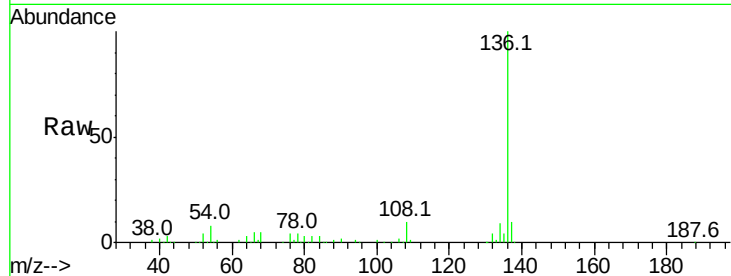
Ion Ratio Lower Upper

136 100

137 9.7 9.2 13.8

54 8.4 10.3 15.5#

68 4.8 4.5 6.7

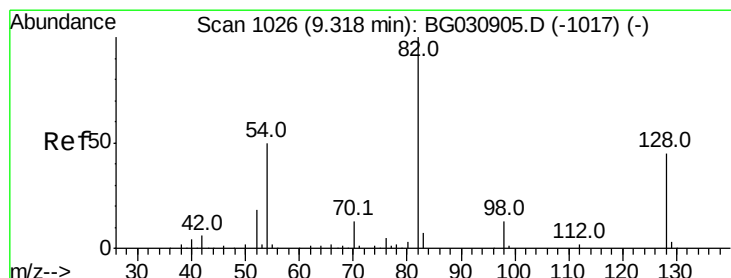
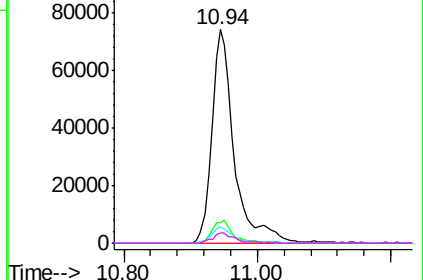
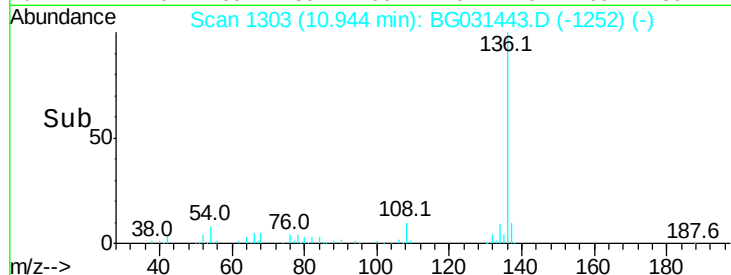


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 73.119 ng

RT: 9.29 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG031443.D

Acq: 9 Dec 2017 6:37

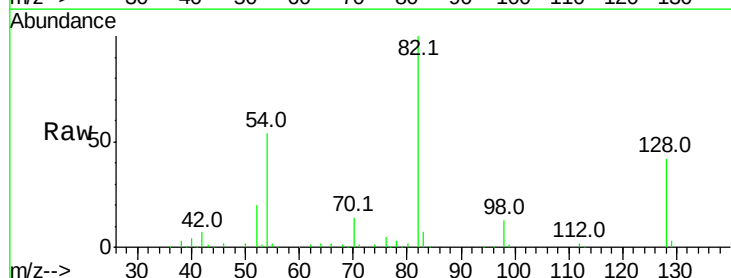
Tgt Ion: 82 Resp: 214974

Ion Ratio Lower Upper

82 100

128 41.9 29.7 44.5

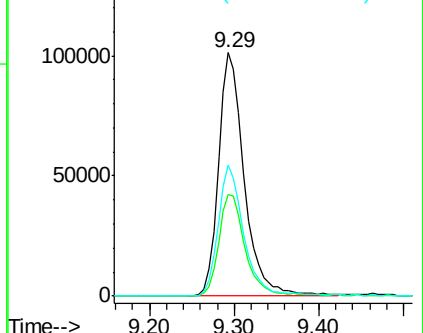
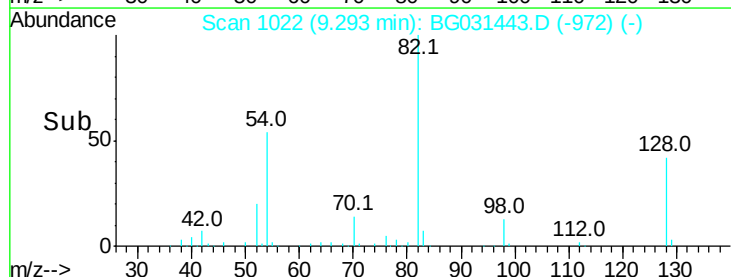
54 53.6 43.1 64.7

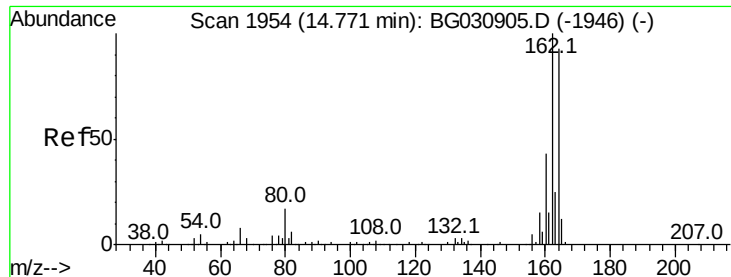


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG031443.D

Acq: 9 Dec 2017 6:37

Instrument :

BNA_G

ClientSampleId :

PROS-2-E(4-5)

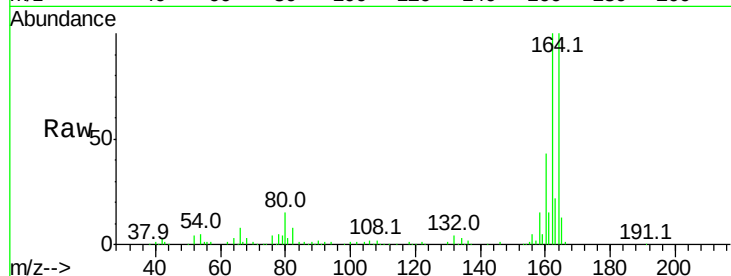
Tot Ion:164 Resp: 126829

Ion Ratio Lower Upper

164 100

162 99.7 78.8 118.2

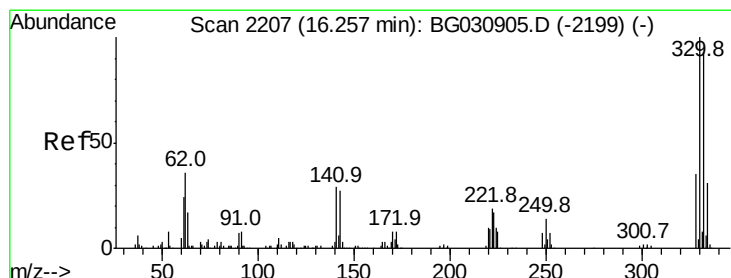
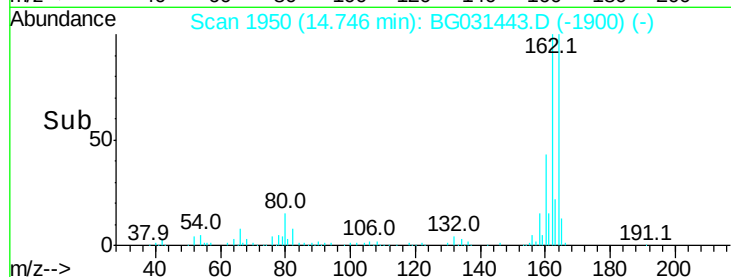
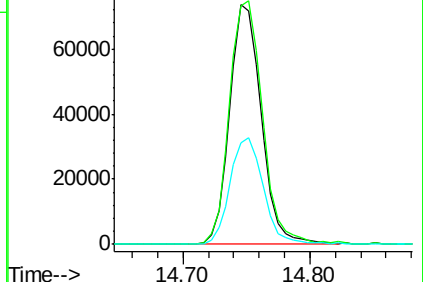
160 42.5 35.4 53.0



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: 59.809 ng

RT: 16.24 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG031443.D

Acq: 9 Dec 2017 6:37

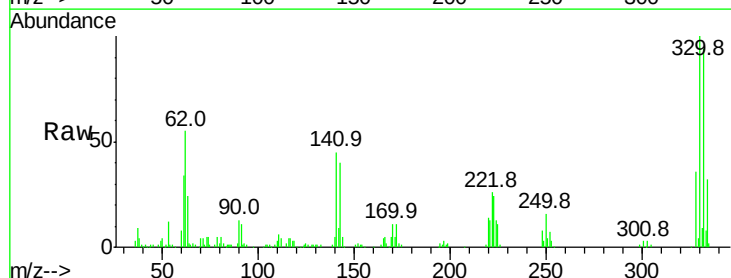
Tgt Ion:330 Resp: 122708

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

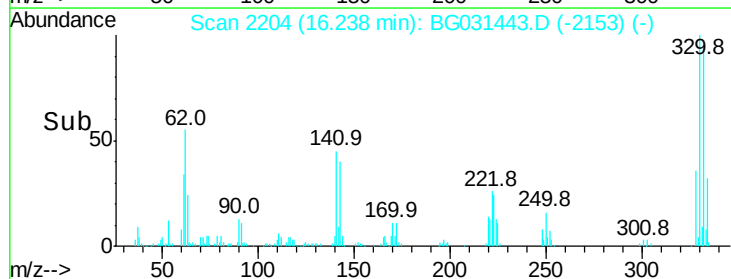
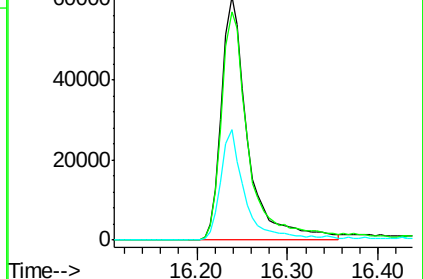
141 42.1 25.2 37.8#

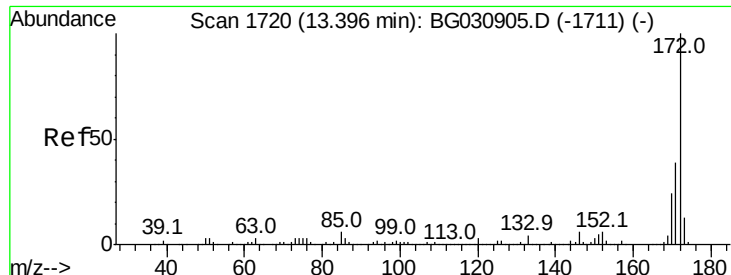


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

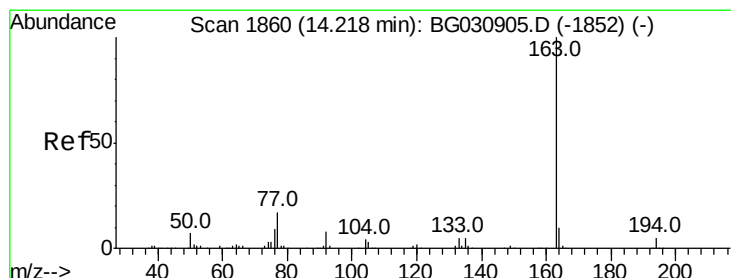
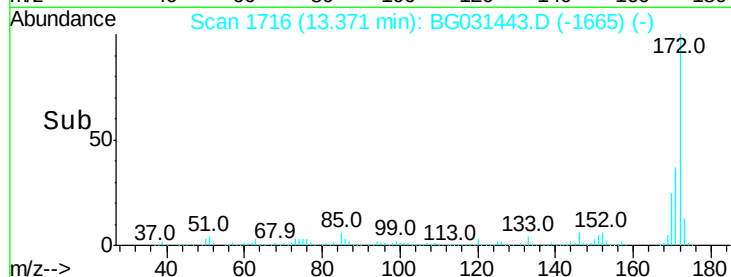
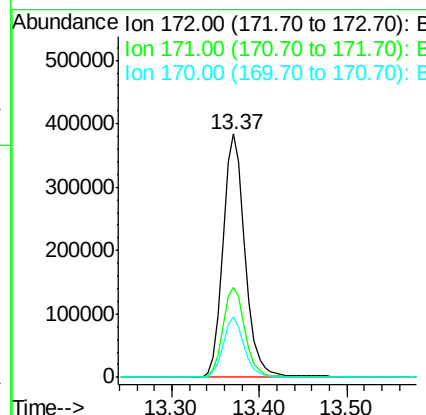
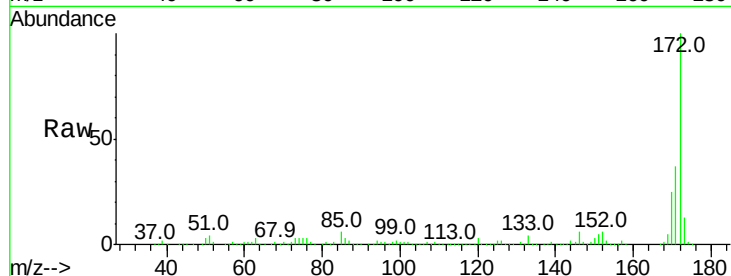




#44
2-Fluorobiphenyl
Concen: 75.849 ng
RT: 13.37 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG031443.D
Acq: 9 Dec 2017 6:37

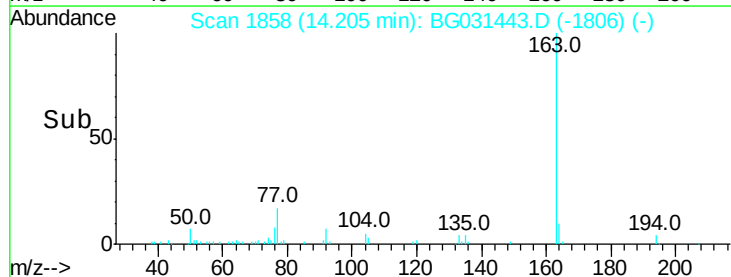
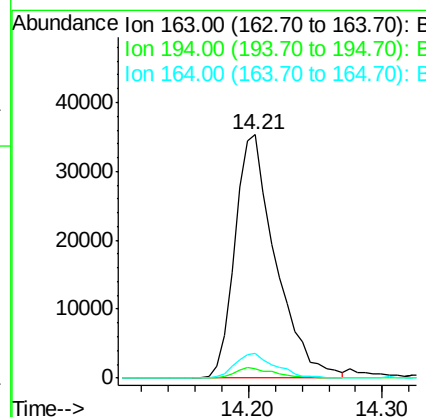
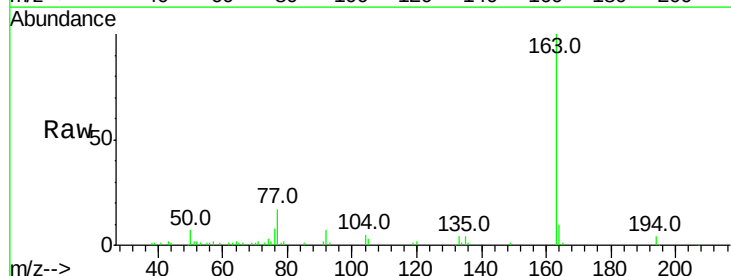
Instrument :
BNA_G
ClientSampleId :
PROS-2-E(4-5)

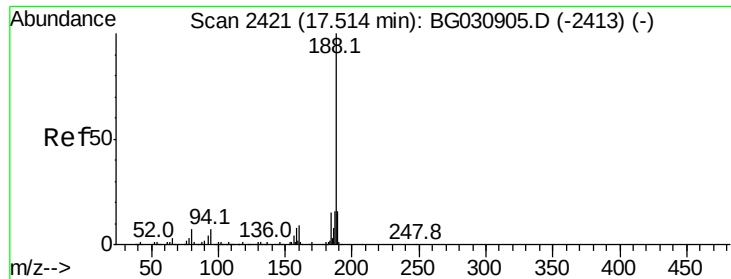
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.7	19.5	29.3



#49
Dimethylphthalate
Concen: 6.840 ng
RT: 14.21 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BG031443.D
Acq: 9 Dec 2017 6:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.2
164	10.3	8.2	12.4

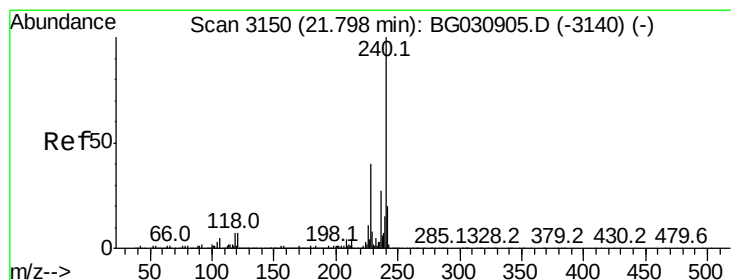
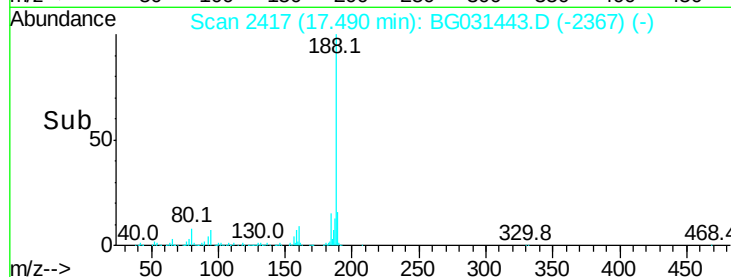
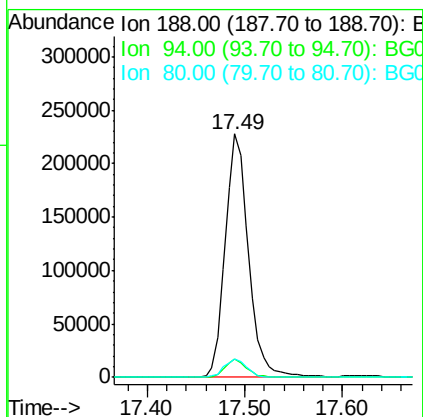
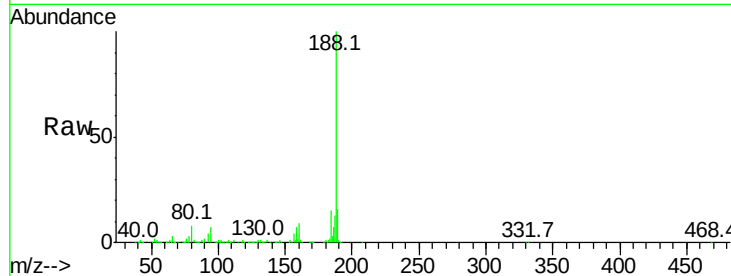




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031443.D
Acq: 9 Dec 2017 6:37

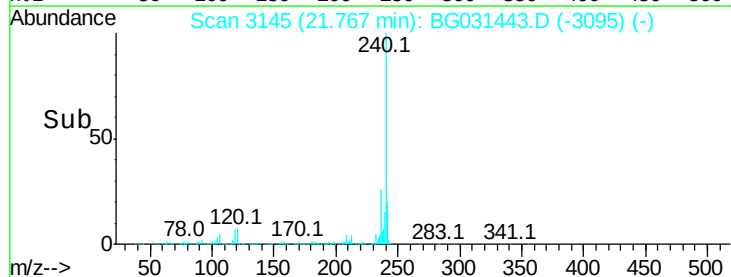
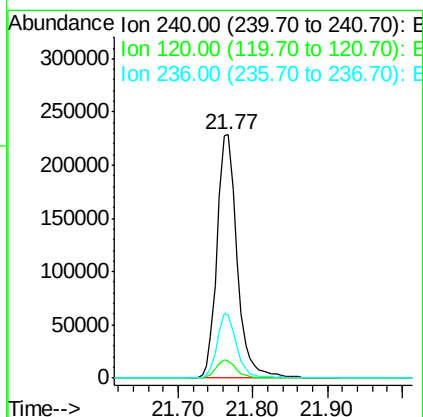
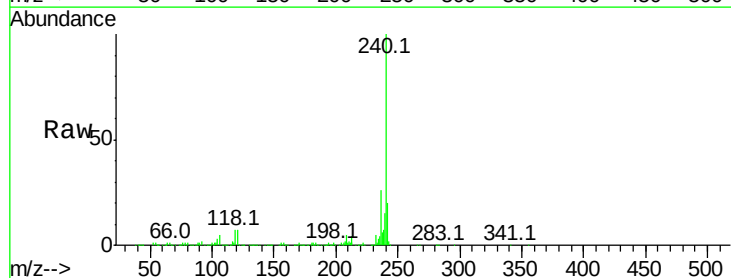
Instrument :
BNA_G
ClientSampleId :
PROS-2-E(4-5)

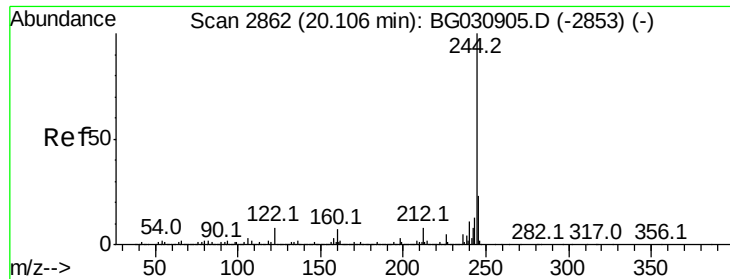
Tot Ion:188 Resp: 376701
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 7.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG031443.D
Acq: 9 Dec 2017 6:37

Tgt Ion:240 Resp: 429223
Ion Ratio Lower Upper
240 100
120 7.0 6.8 10.2
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 73.816 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031443.D

Acq: 9 Dec 2017 6:37

Instrument :

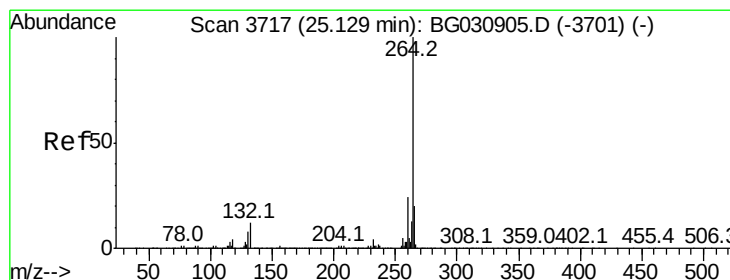
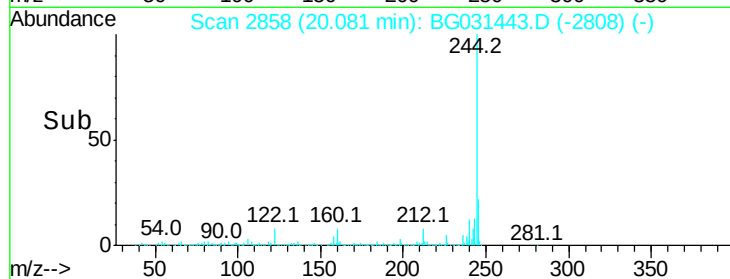
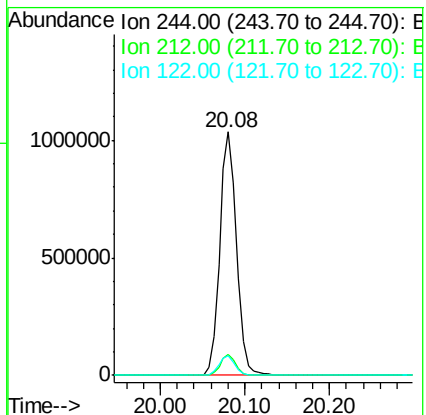
BNA_G

ClientSampleId :

PROS-2-E(4-5)

Tot Ion:244 Resp: 1434892

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	8.0	7.0	10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG031443.D

Acq: 9 Dec 2017 6:37

Tgt Ion:264 Resp: 400490

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	19.8	17.7	26.5

