

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112917\
 Data File : BG031275.D
 Acq On : 29 Nov 2017 17:52
 Operator : SJ/JU
 Sample : I6302-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-112817-B

Quant Time: Nov 30 03:08:06 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	8.13	152	48177	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	211789	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	147050	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	455418	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	553059	20.00	ng	-0.02
86) Perylene-d12	25.06	264	530222	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	397012	141.31	ng	-0.02
7) Phenol-d6	7.30	99	467395	123.48	ng	0.00
23) Nitrobenzene-d5	9.29	82	328318	91.86	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	345332	145.17	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	991932	96.93	ng	-0.03
78) Terphenyl-d14	20.09	244	2306993	92.11	ng	0.00

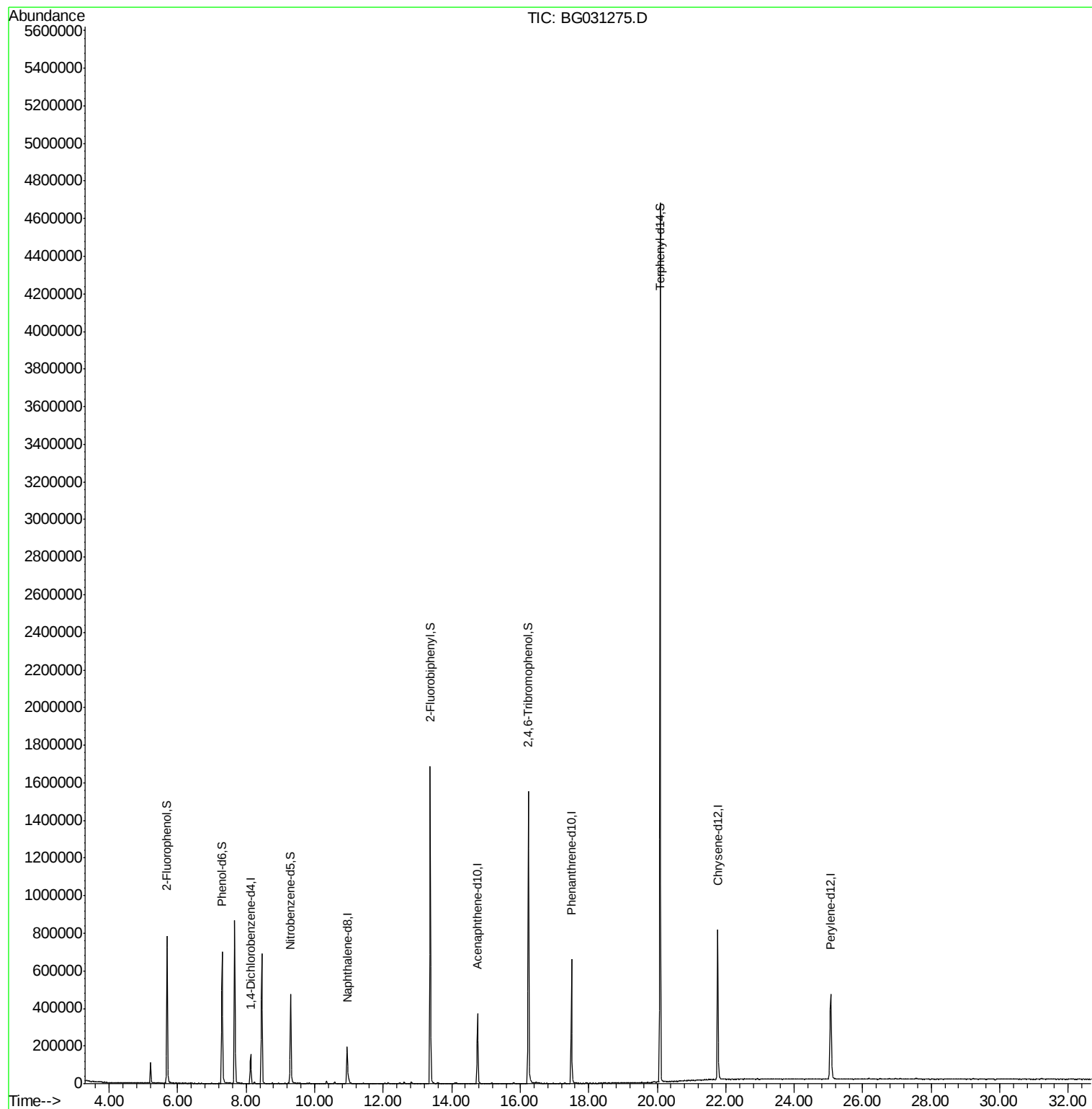
Target Compounds Qvalue

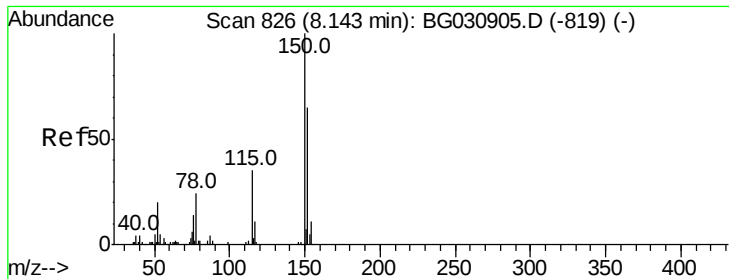
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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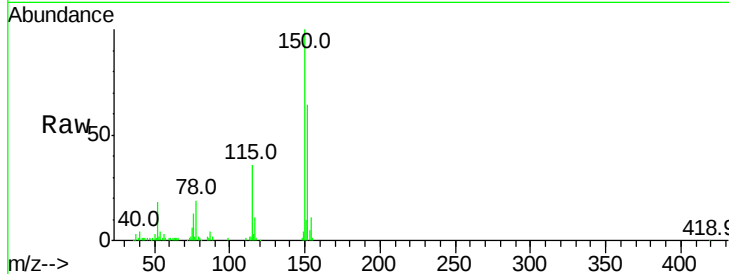


#1

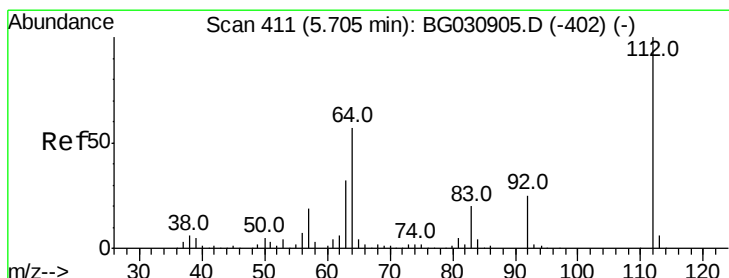
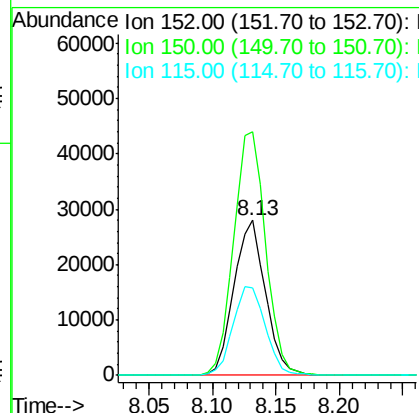
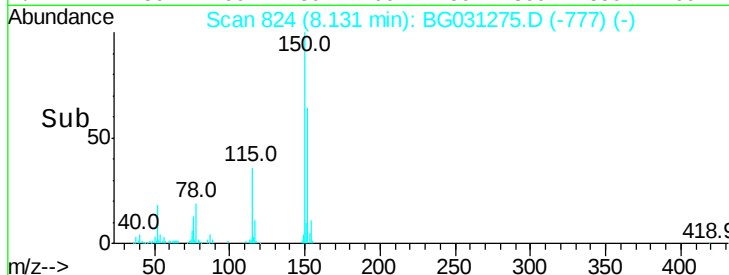
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031275.D
Acq: 29 Nov 2017 17:52

Instrument :
BNA_G
ClientSampleId :
HR-06-112817-B

Tot Ion:152 Resp: 48177
Ion Ratio Lower Upper
152 100
150 157.0 126.6 189.8
115 56.5 53.0 79.4



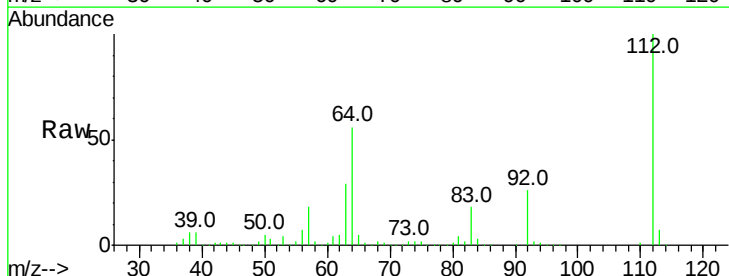
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



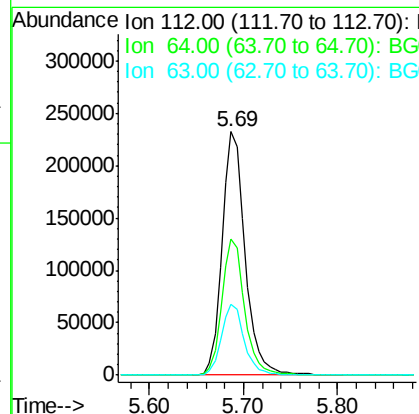
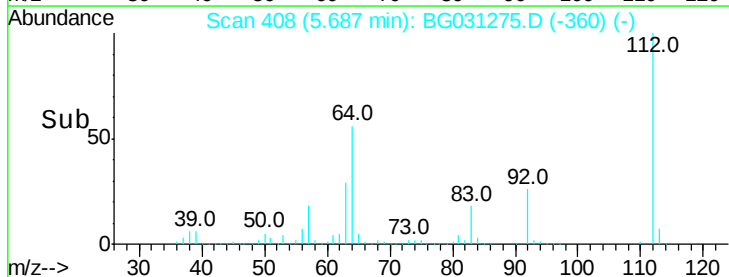
#5

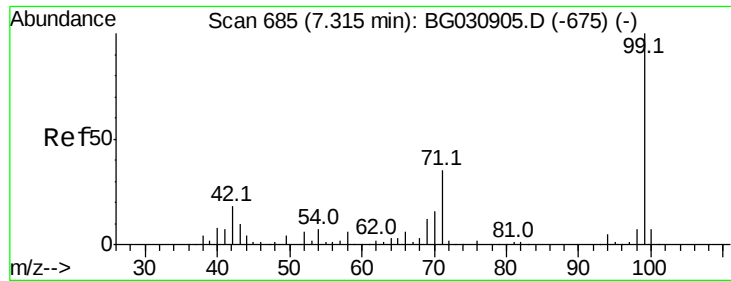
2-Fluorophenol
Concen: 141.308 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031275.D
Acq: 29 Nov 2017 17:52

Tgt Ion:112 Resp: 397012
Ion Ratio Lower Upper
112 100
64 56.0 56.3 84.5#
63 29.2 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: 123.484 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031275.D

Acq: 29 Nov 2017 17:52

Instrument :

BNA_G

ClientSampled :

HR-06-112817-B

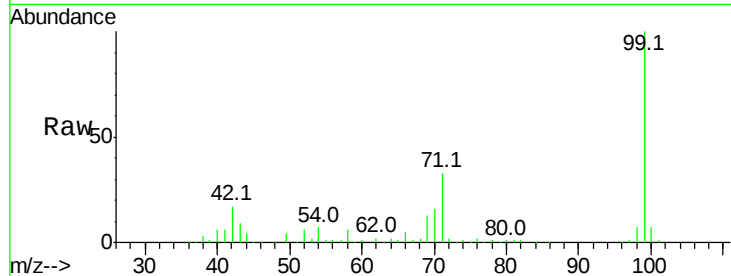
Tot Ion: 99 Resp: 467395

Ion Ratio Lower Upper

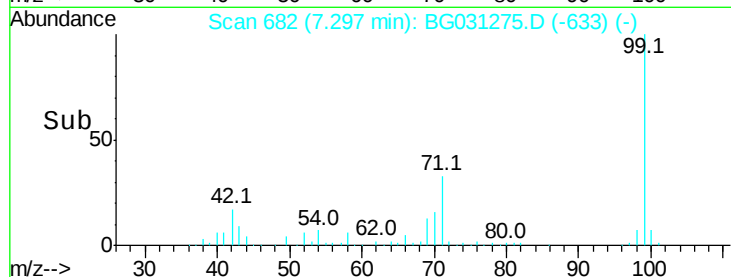
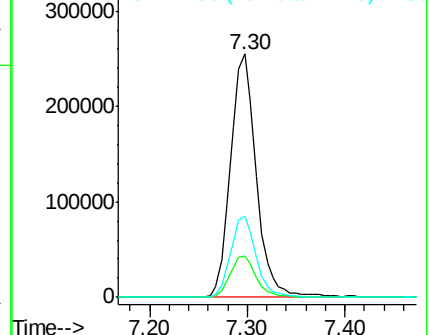
99 100

42 17.0 14.1 21.1

71 33.1 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG031275.D

Acq: 29 Nov 2017 17:52

Tgt Ion: 136 Resp: 211789

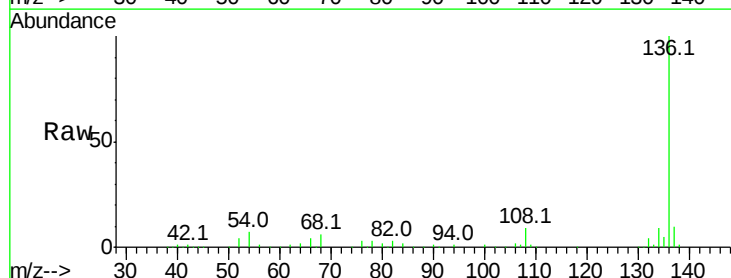
Ion Ratio Lower Upper

136 100

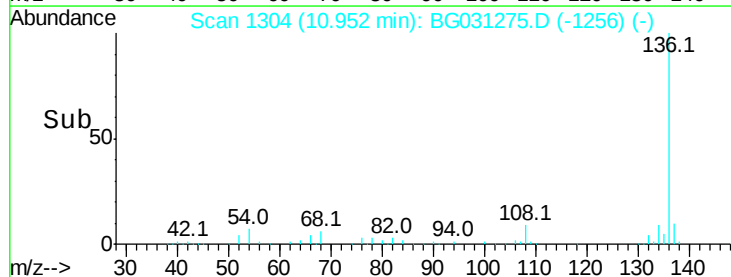
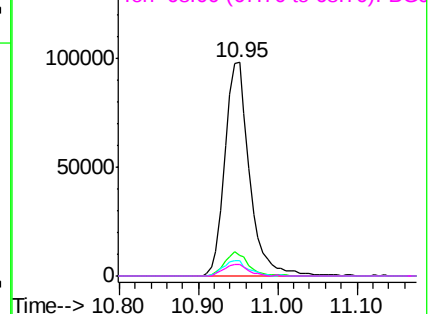
137 9.8 9.2 13.8

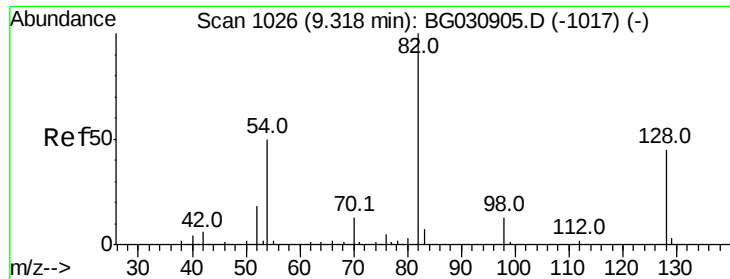
54 7.2 10.3 15.5#

68 5.5 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

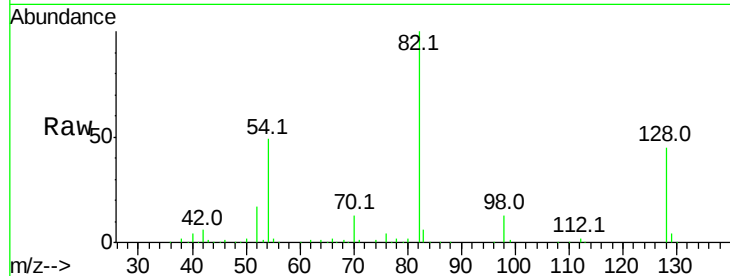




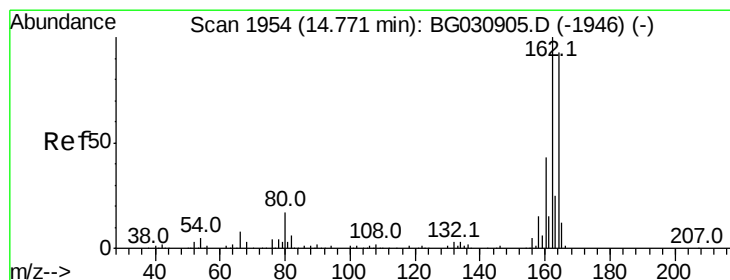
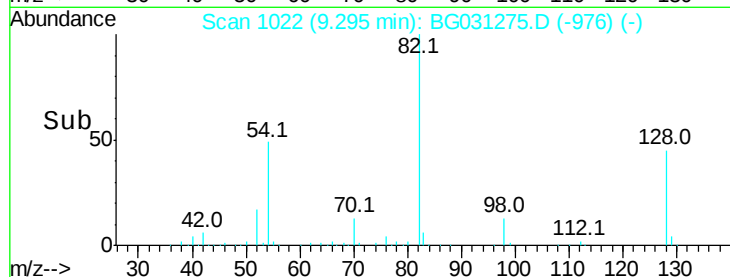
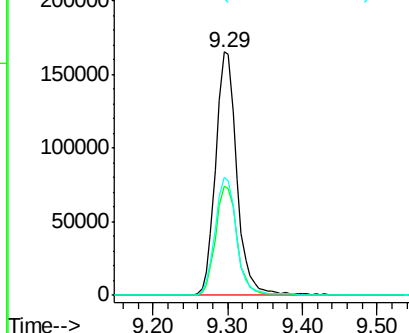
#23
Nitrobenzene-d5
Concen: 91.860 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG031275.D
Acq: 29 Nov 2017 17:52

Instrument :
BNA_G
ClientSampleId :
HR-06-112817-B

Tot Ion: 82 Resp: 328318
Ion Ratio Lower Upper
82 100
128 45.0 29.7 44.5#
54 48.7 43.1 64.7

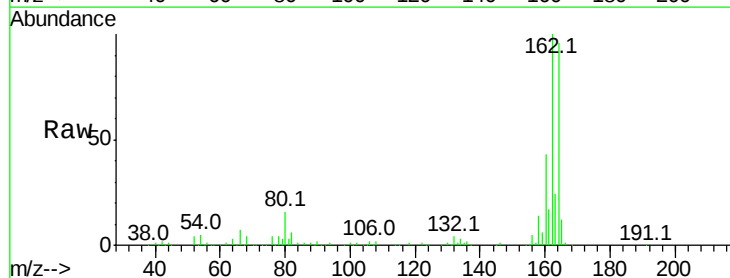


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

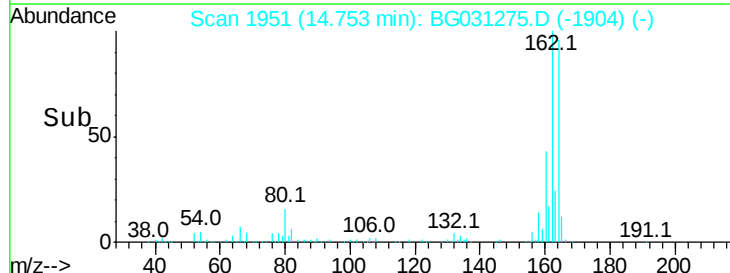
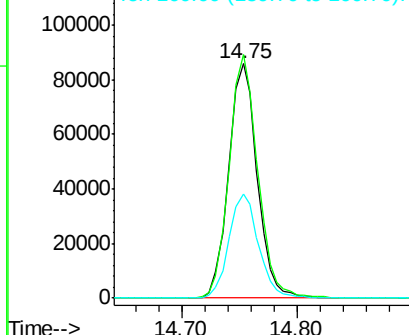


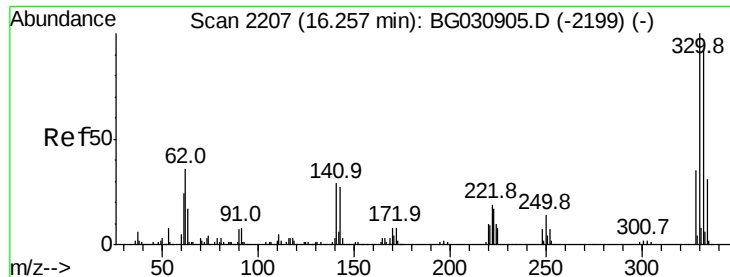
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031275.D
Acq: 29 Nov 2017 17:52

Tgt Ion:164 Resp: 147050
Ion Ratio Lower Upper
164 100
162 103.8 78.8 118.2
160 44.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

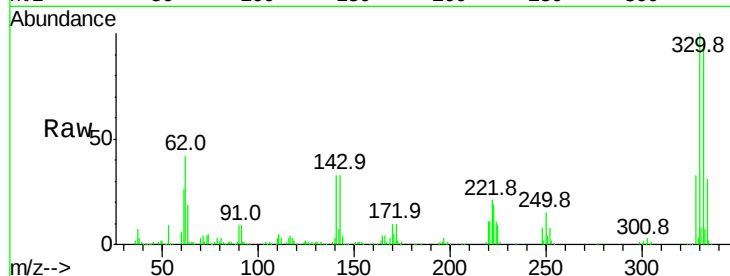




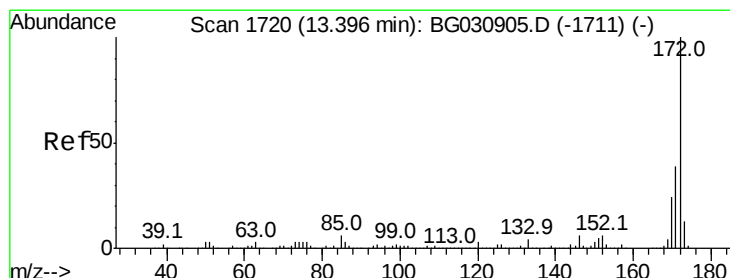
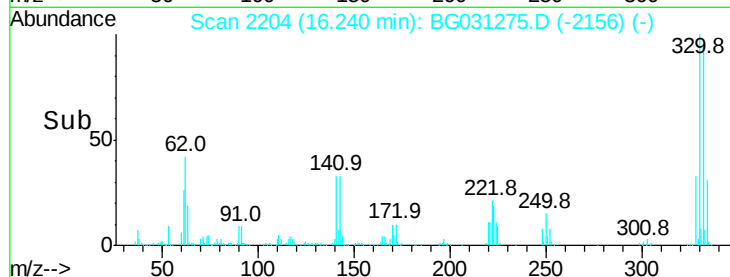
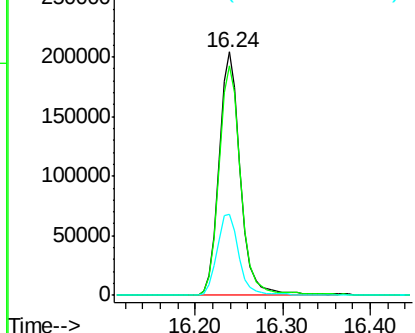
#41
 2,4,6-Tribromophenol
 Concen: 145.171 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031275.D
 Acq: 29 Nov 2017 17:52

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-112817-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	34.6	25.2	37.8

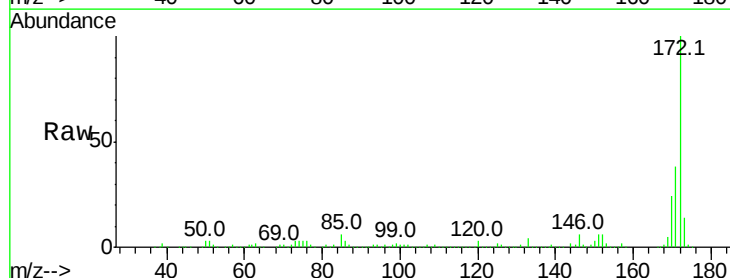


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

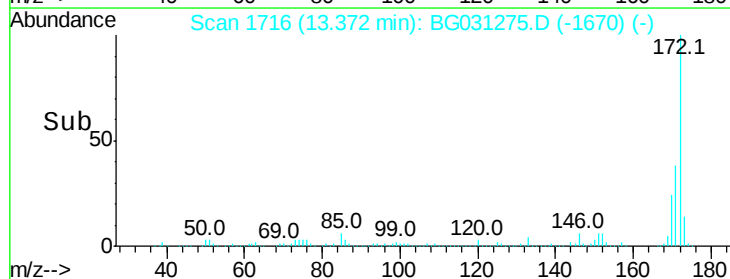
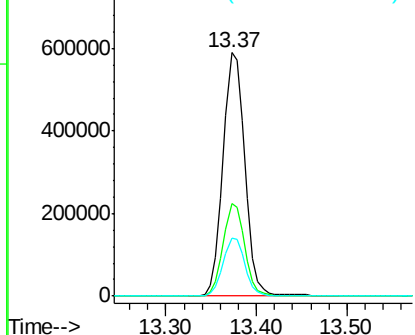


#44
 2-Fluorobiphenyl
 Concen: 96.926 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031275.D
 Acq: 29 Nov 2017 17:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.1	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: 17.50 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG031275.D

Acq: 29 Nov 2017 17:52

Instrument :

BNA_G

ClientSampleId :

HR-06-112817-B

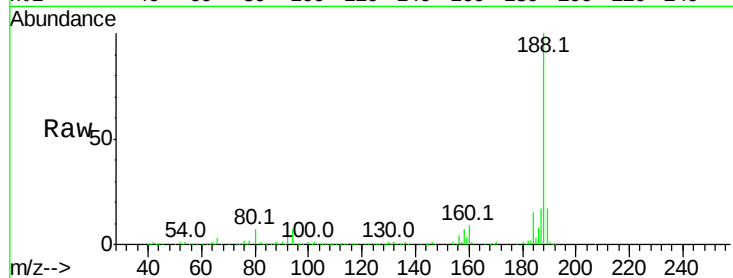
Tot Ion:188 Resp: 455418

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

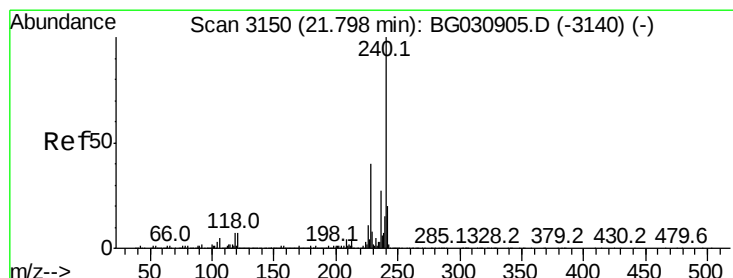
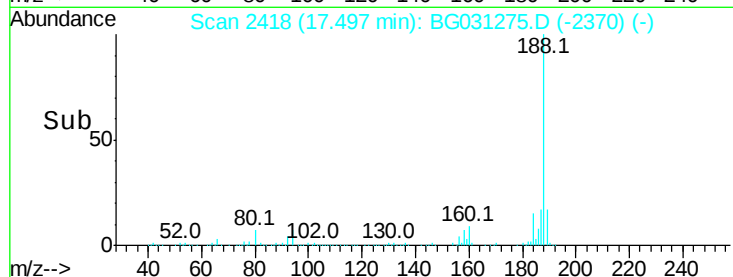
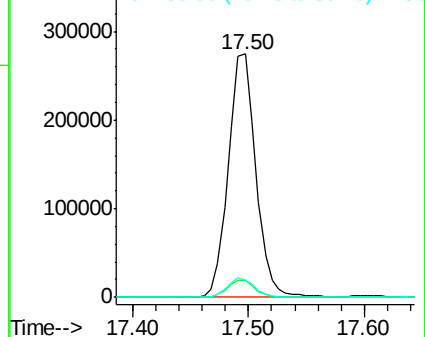
80 7.2 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031275.D

Acq: 29 Nov 2017 17:52

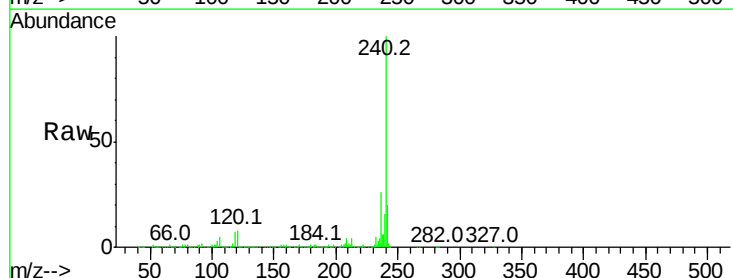
Tgt Ion:240 Resp: 553059

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

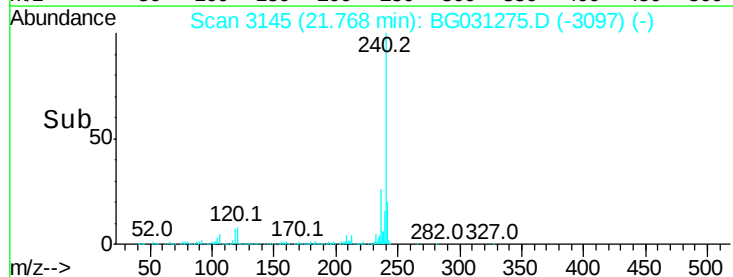
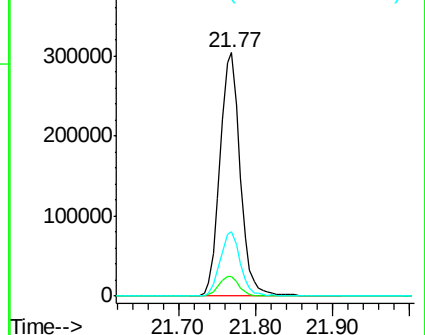
236 26.4 20.9 31.3



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: 92.107 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031275.D

Acq: 29 Nov 2017 17:52

Instrument :

BNA_G

ClientSampleId :

HR-06-112817-B

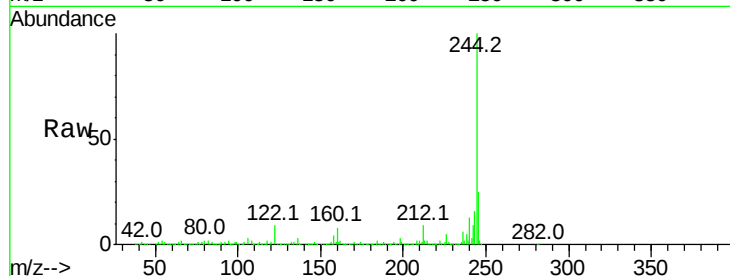
Tot Ion:244 Resp: 2306993

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

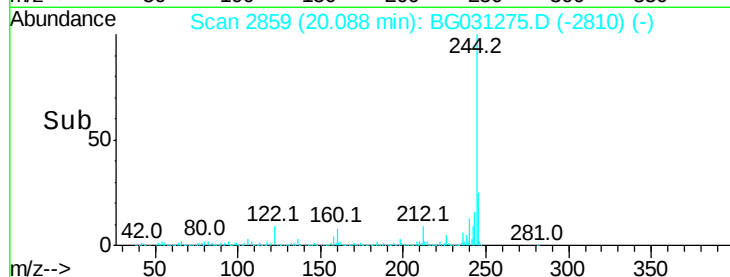
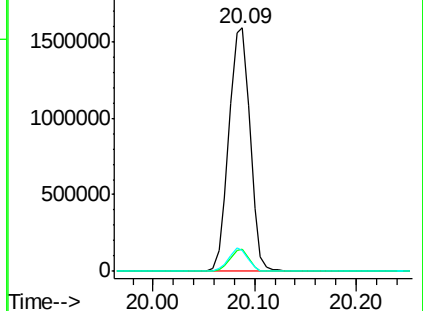
122 8.8 7.0 10.4



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: 20.000 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031275.D

Acq: 29 Nov 2017 17:52

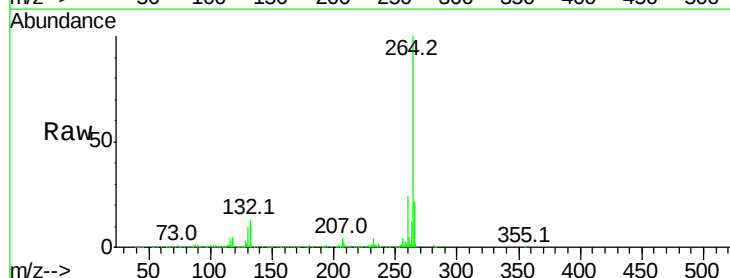
Tgt Ion:264 Resp: 530222

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.6 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

