

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120617\
 Data File : BG031384.D
 Acq On : 6 Dec 2017 23:21
 Operator : SJ/JU
 Sample : I6718-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-3026

Quant Time: Dec 07 02:42:43 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	63368	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	277908	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	184206	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	478034	20.00	ng	0.00
75) Chrysene-d12	21.77	240	545840	20.00	ng	0.00
86) Perylene-d12	25.07	264	484613	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	443491	120.01	ng	0.00
7) Phenol-d6	7.29	99	529871	106.43	ng	0.00
23) Nitrobenzene-d5	9.30	82	373112	79.56	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	247014	82.89	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1074486	83.81	ng	0.00
78) Terphenyl-d14	20.09	244	1994505	80.68	ng	0.00

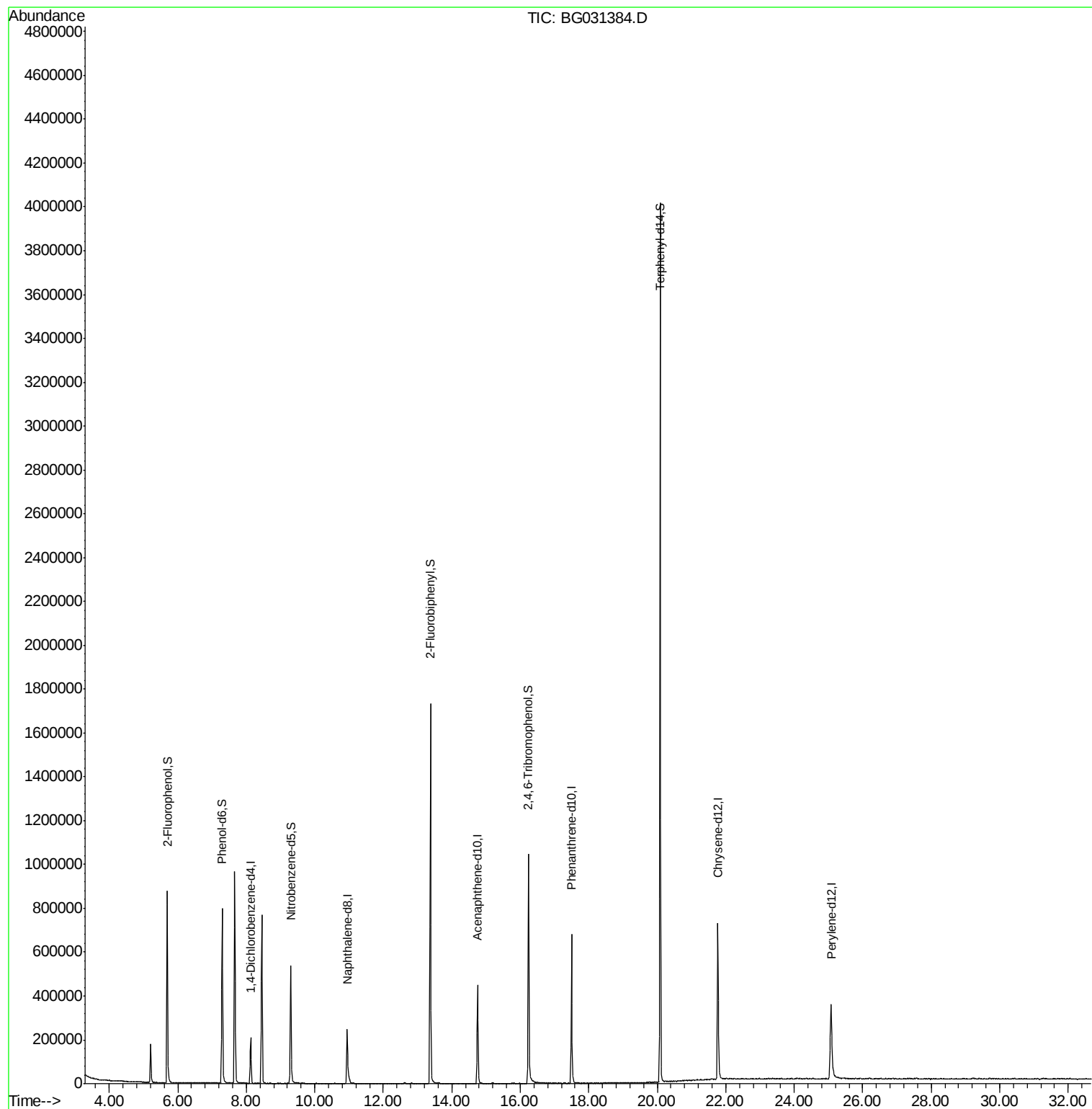
Target Compounds Qvalue

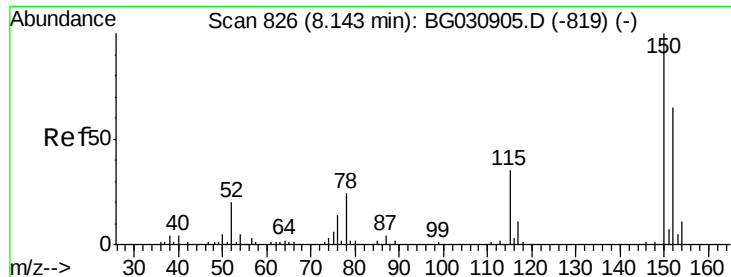
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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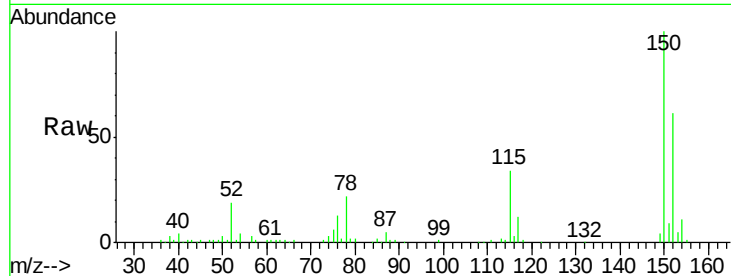


#1

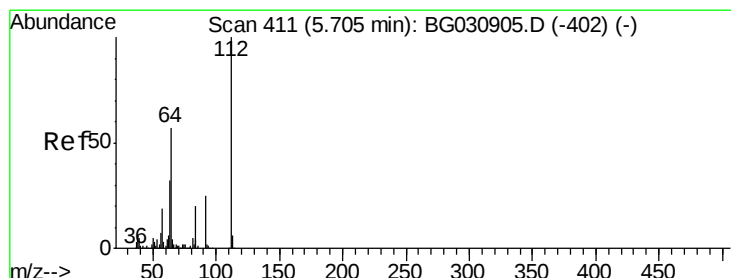
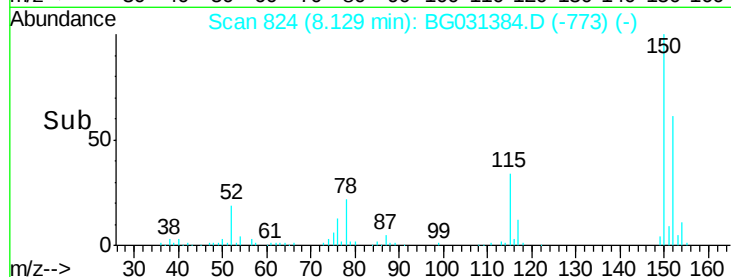
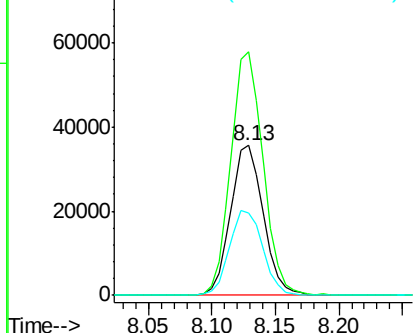
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG031384.D
Acq: 6 Dec 2017 23:21

Instrument :
BNA_G
ClientSampleId :
RT-3026

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.7	126.6	189.8
115	55.3	53.0	79.4



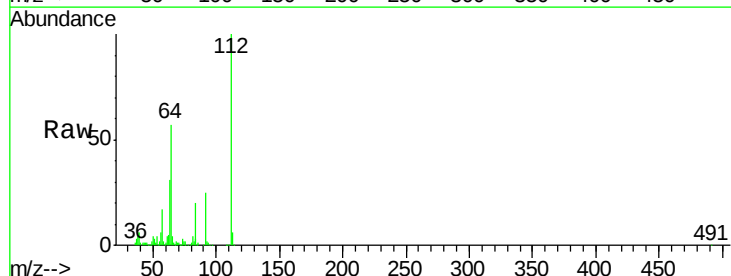
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



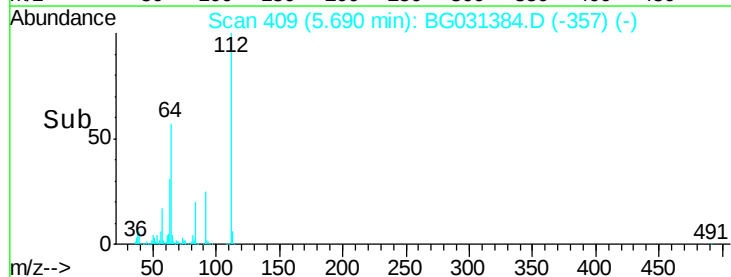
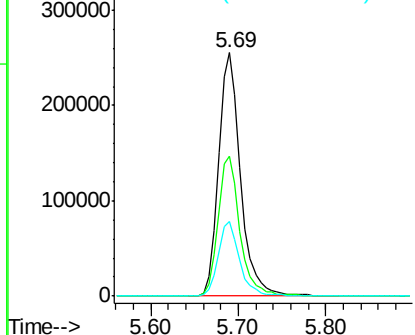
#5

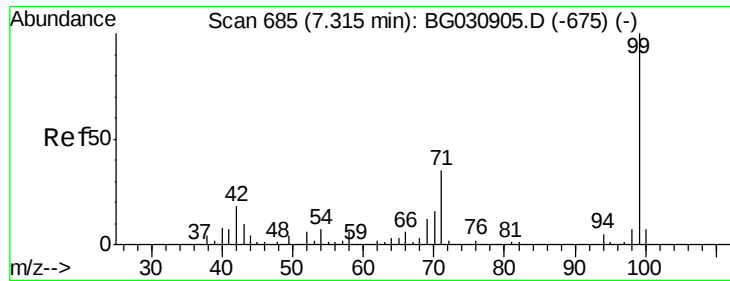
2-Fluorophenol
Concen: 120.010 ng
RT: 5.69 min Scan# 409
Delta R.T. 0.01 min
Lab File: BG031384.D
Acq: 6 Dec 2017 23:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	56.3	84.5
63	30.8	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: 106.430 ng

RT: 7.29 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031384.D

Acq: 6 Dec 2017 23:21

Instrument :

BNA_G

ClientSampleId :

RT-3026

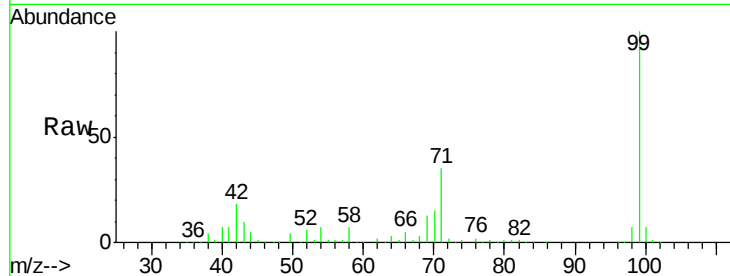
Tot Ion: 99 Resp: 529871

Ion Ratio Lower Upper

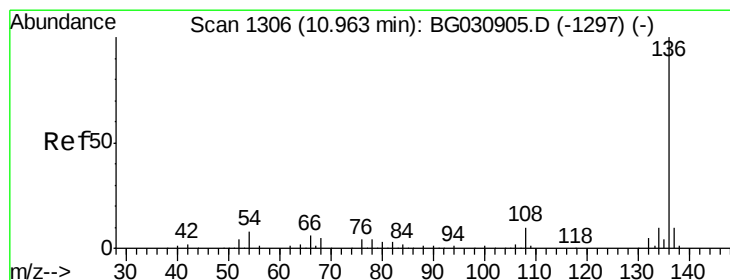
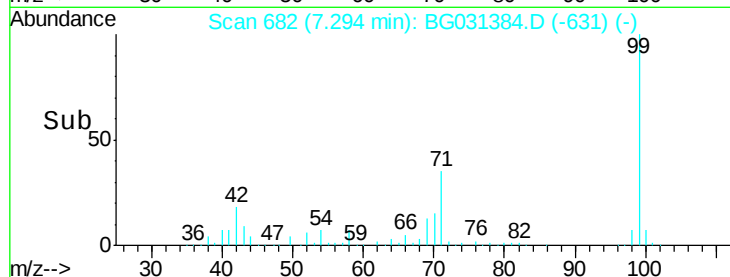
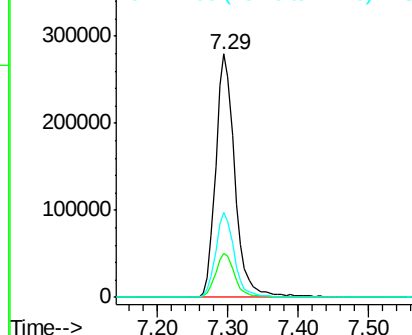
99 100

42 18.0 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: 10.94 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031384.D

Acq: 6 Dec 2017 23:21

Tgt Ion: 136 Resp: 277908

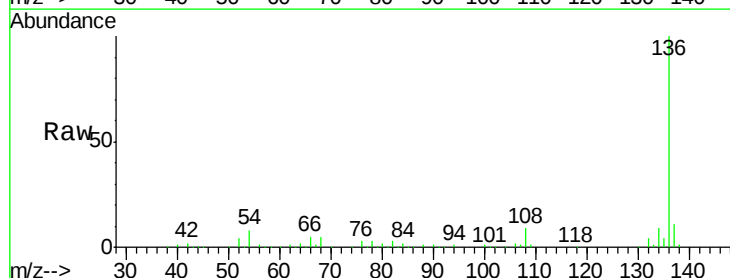
Ion Ratio Lower Upper

136 100

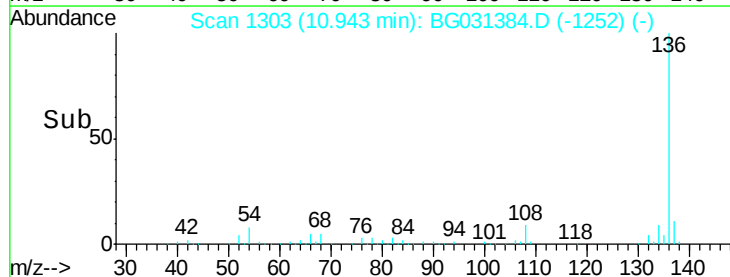
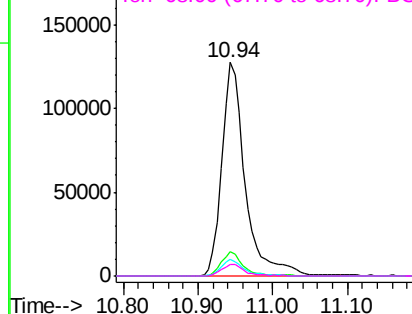
137 11.4 9.2 13.8

54 7.9 10.3 15.5#

68 5.2 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

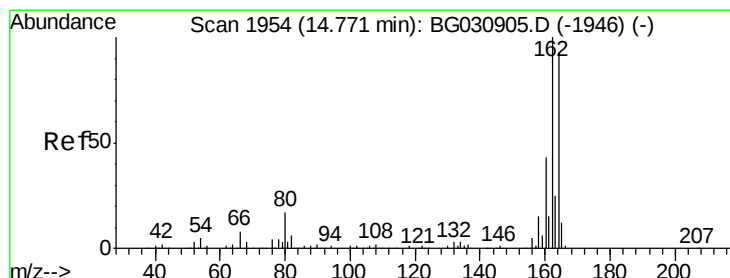
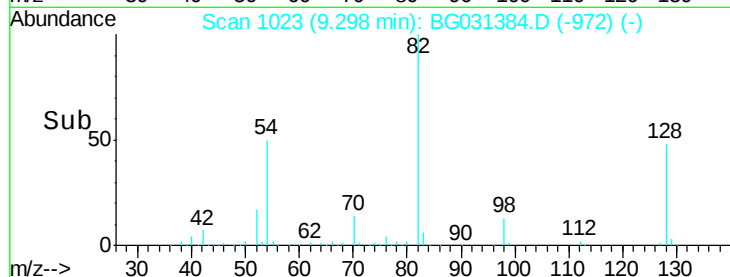
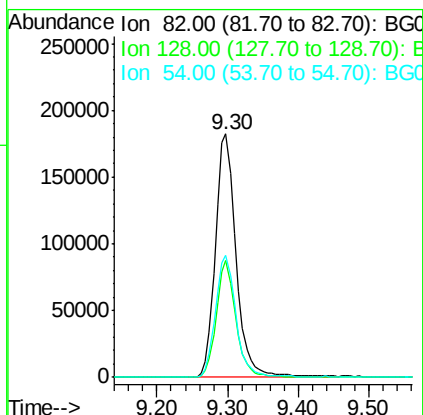
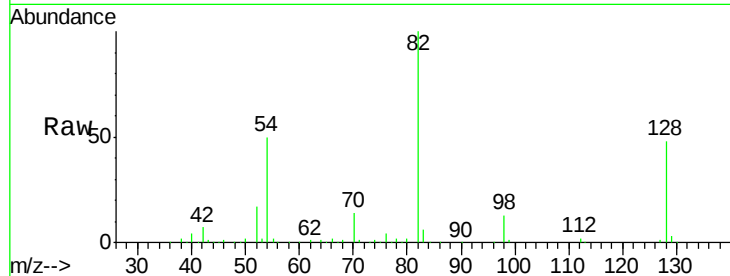




#23
Nitrobenzene-d5
Concen: 79.556 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG031384.D
Acq: 6 Dec 2017 23:21

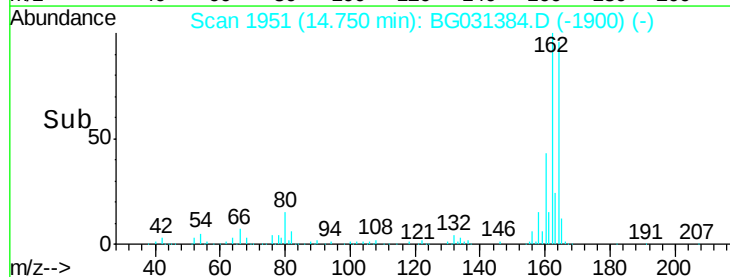
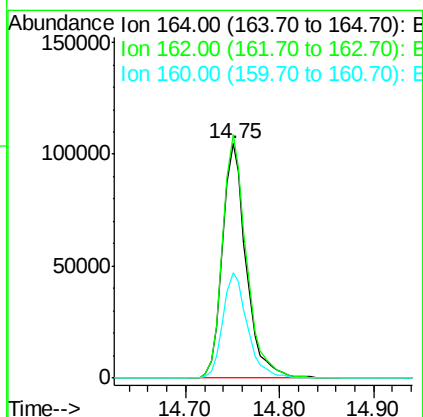
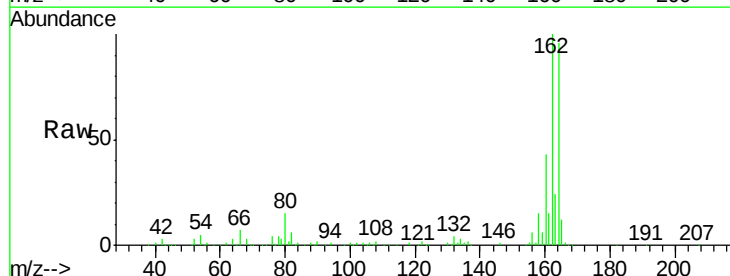
Instrument :
BNA_G
ClientSampled :
RT-3026

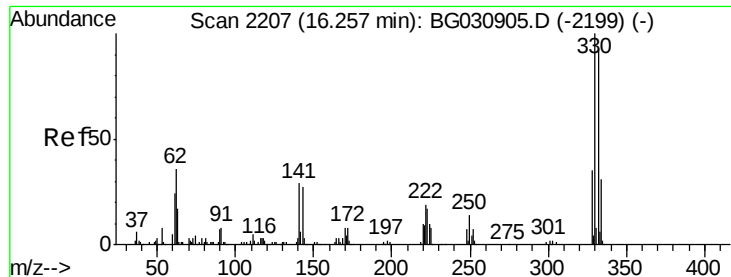
Tot Ion: 82 Resp: 373112
Ion Ratio Lower Upper
82 100
128 48.2 29.7 44.5#
54 49.9 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG031384.D
Acq: 6 Dec 2017 23:21

Tgt Ion: 164 Resp: 184206
Ion Ratio Lower Upper
164 100
162 103.9 78.8 118.2
160 45.0 35.4 53.0

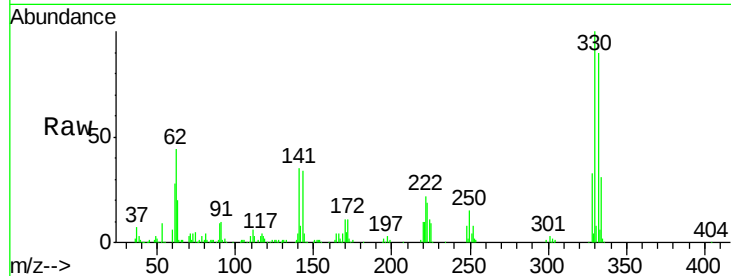




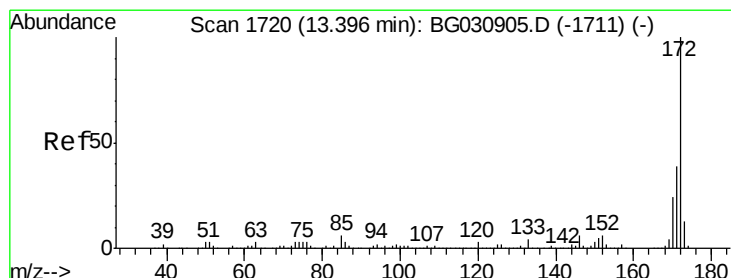
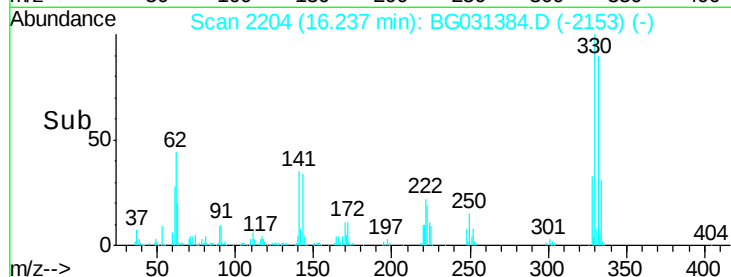
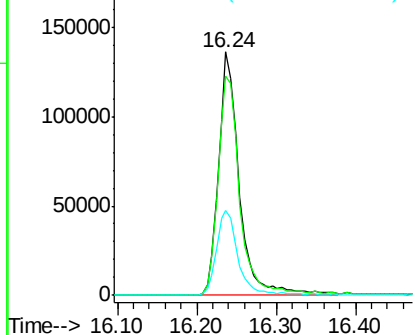
#41
 2,4,6-Tribromophenol
 Concen: 82.895 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031384.D
 Acq: 6 Dec 2017 23:21

Instrument :
 BNA_G
 ClientSampleId :
 RT-3026

Tot Ion:330 Resp: 247014
 Ion Ratio Lower Upper
 330 100
 332 93.6 77.0 115.6
 141 36.4 25.2 37.8

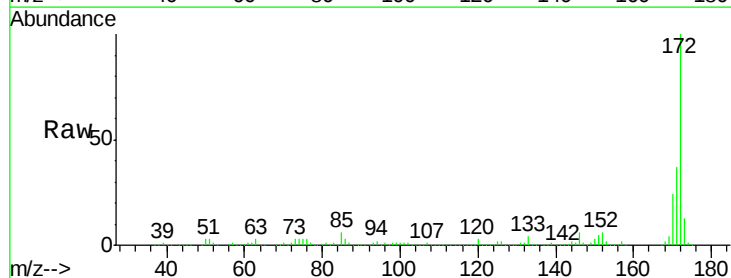


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

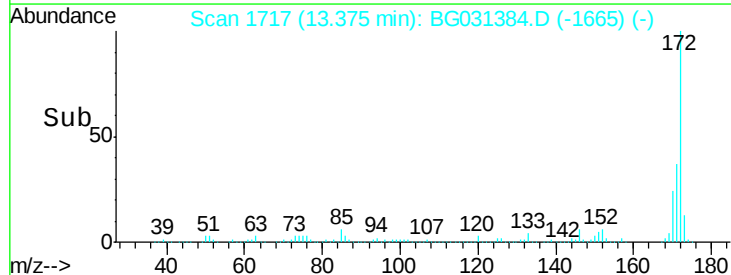
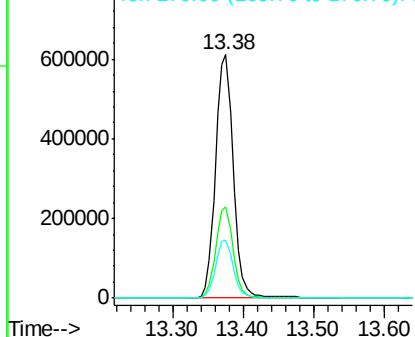


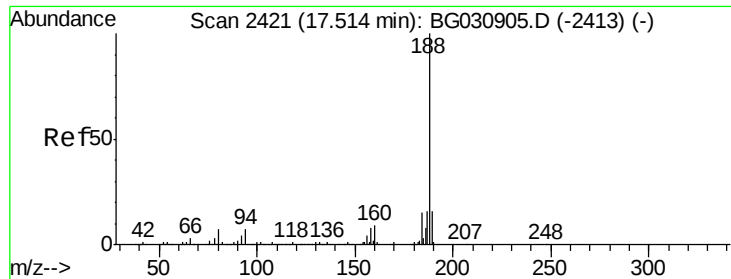
#44
 2-Fluorobiphenyl
 Concen: 83.815 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG031384.D
 Acq: 6 Dec 2017 23:21

Tgt Ion:172 Resp: 1074486
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 24.0 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: 17.49 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG031384.D

Acq: 6 Dec 2017 23:21

Instrument :

BNA_G

ClientSampleId :

RT-3026

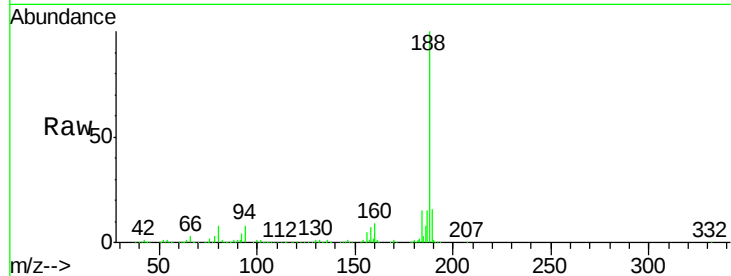
Tot Ion:188 Resp: 478034

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

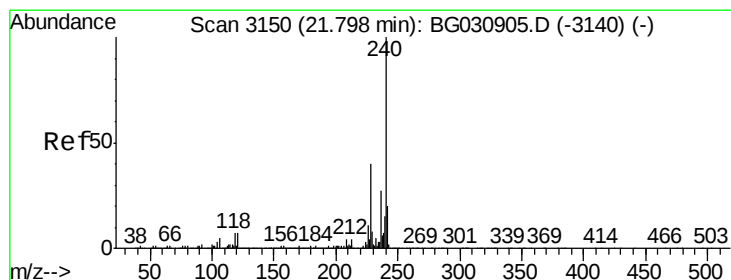
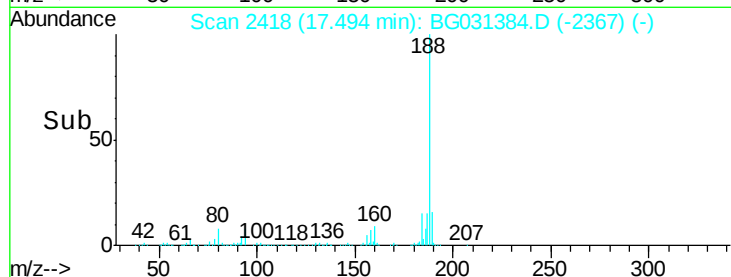
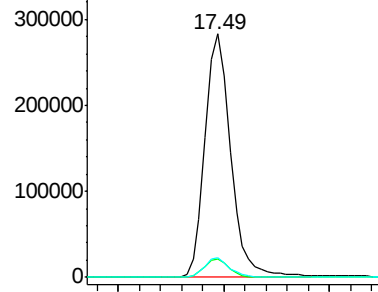
80 8.2 7.7 11.5



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. -0.01 min

Lab File: BG031384.D

Acq: 6 Dec 2017 23:21

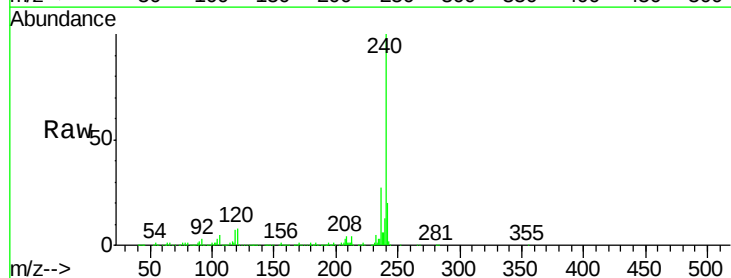
Tgt Ion:240 Resp: 545840

Ion Ratio Lower Upper

240 100

120 8.3 6.8 10.2

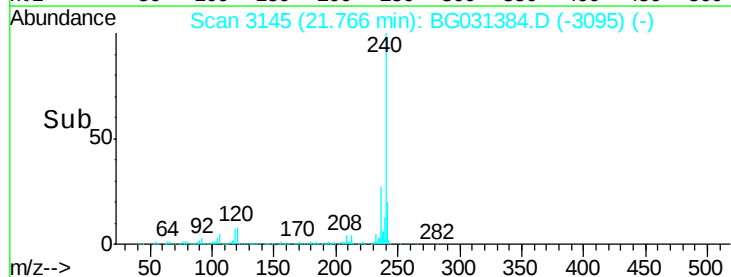
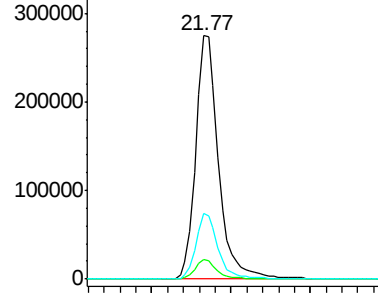
236 26.8 20.9 31.3



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: 80.684 ng

RT: 20.09 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BG031384.D

Acq: 6 Dec 2017 23:21

Instrument :

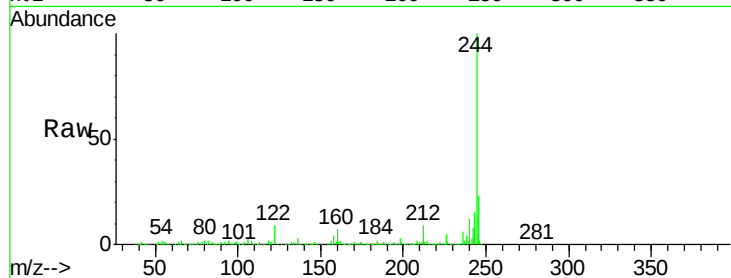
BNA_G

ClientSampleId :

RT-3026

Tot Ion:244 Resp: 1994505

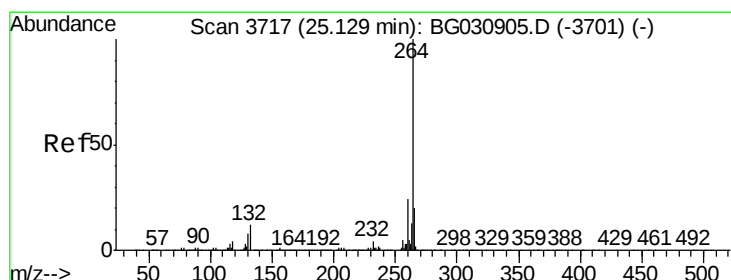
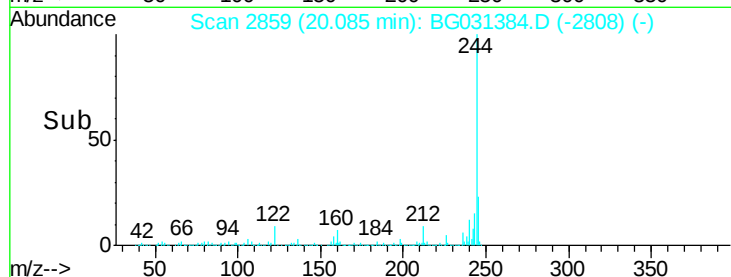
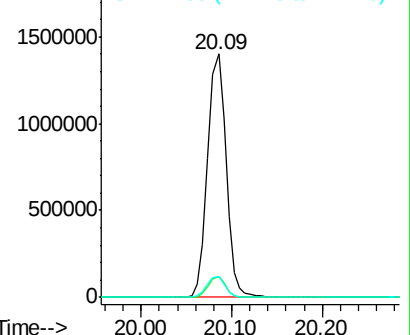
Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	8.6	7.0	10.4



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: 25.07 min Scan# 3708

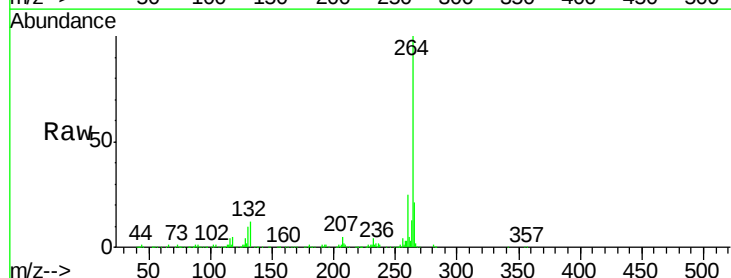
Delta R.T. 0.01 min

Lab File: BG031384.D

Acq: 6 Dec 2017 23:21

Tgt Ion:264 Resp: 484613

Ion	Ratio	Lower	Upper
264	100		
260	24.5	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

