

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120617\
 Data File : BG031382.D
 Acq On : 6 Dec 2017 22:05
 Operator : SJ/JU
 Sample : I6718-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 07 02:42:11 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	67807	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	294498	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	193208	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	509031	20.00	ng	0.00
75) Chrysene-d12	21.76	240	559105	20.00	ng	0.00
86) Perylene-d12	25.07	264	517283	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	545216	137.88	ng	0.00
7) Phenol-d6	7.30	99	632791	118.78	ng	0.00
23) Nitrobenzene-d5	9.30	82	474885	95.55	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	331785	106.15	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1326044	98.62	ng	0.00
78) Terphenyl-d14	20.08	244	2304212	91.00	ng	0.00

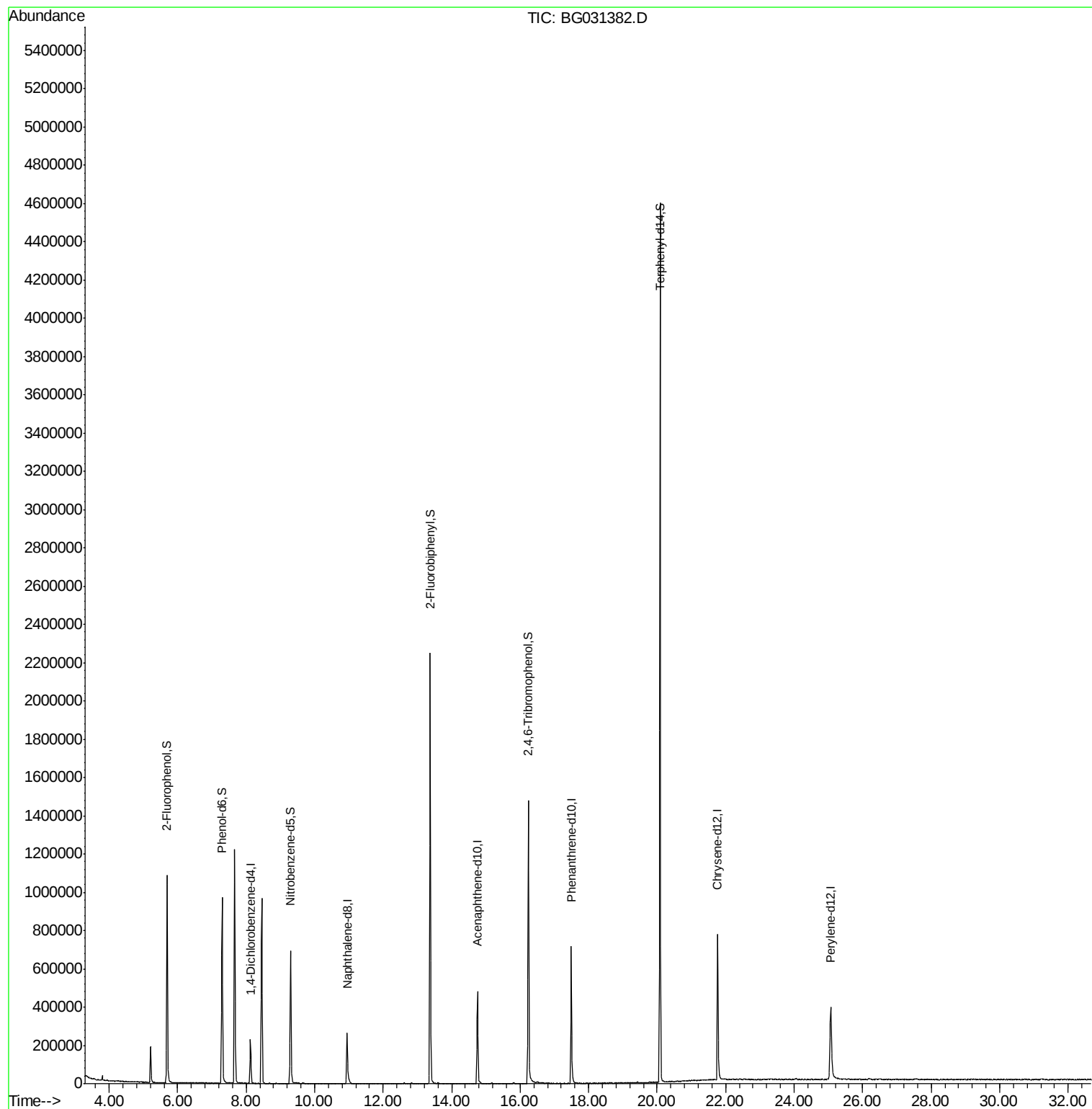
Target Compounds Qvalue

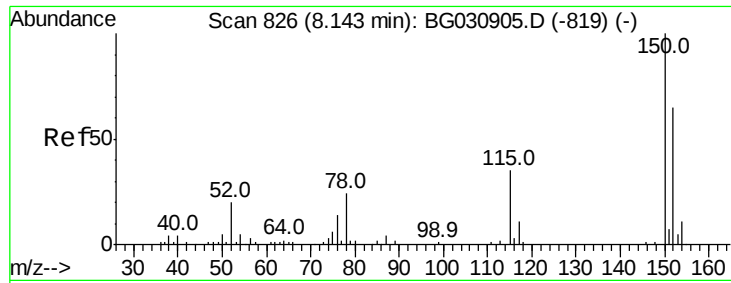
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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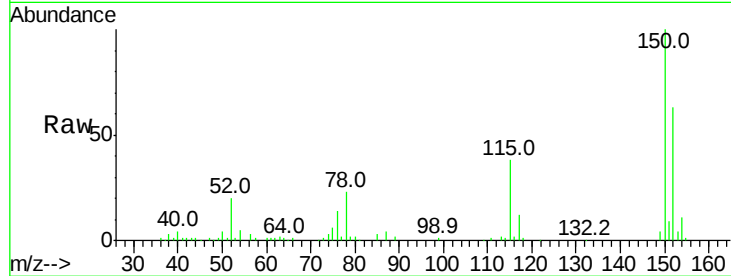


#1

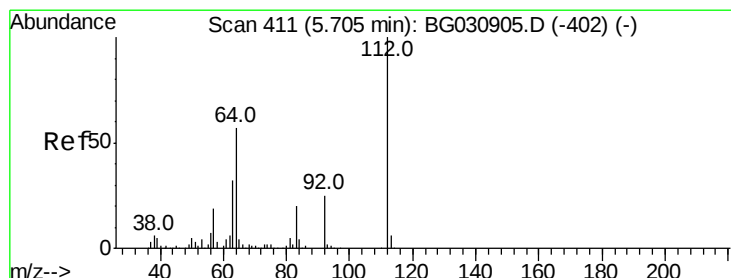
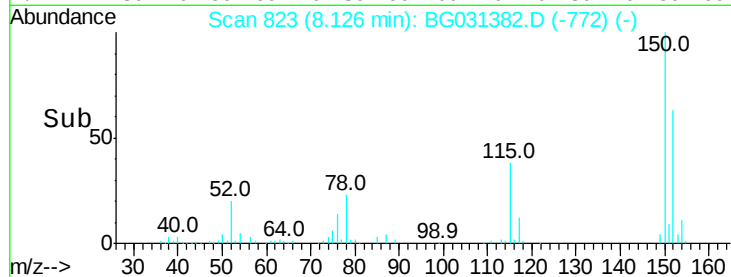
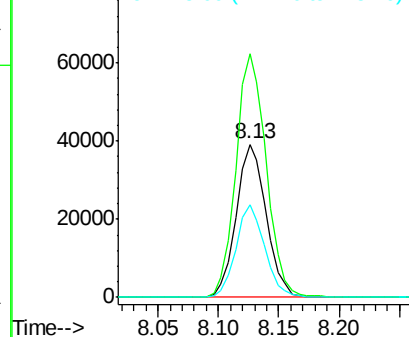
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031382.D
Acq: 6 Dec 2017 22:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 67807
Ion Ratio Lower Upper
152 100
150 159.1 126.6 189.8
115 60.2 53.0 79.4



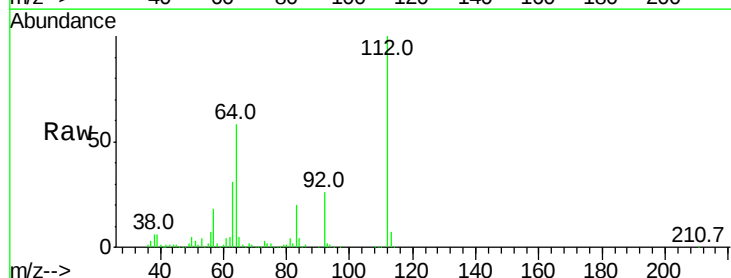
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



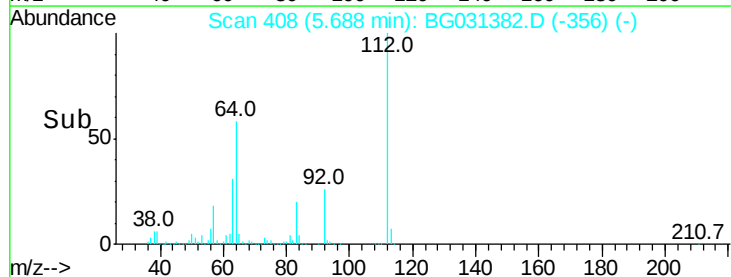
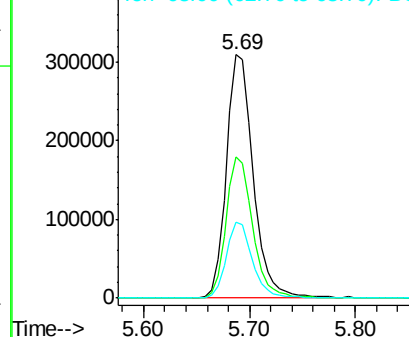
#5

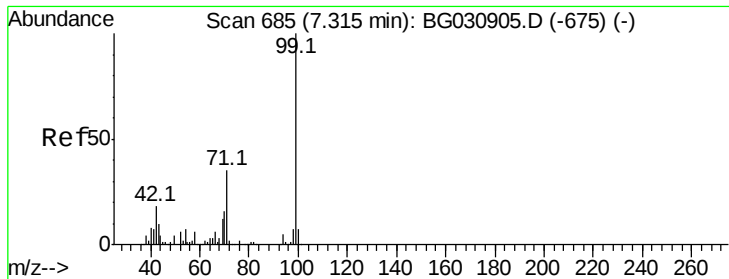
2-Fluorophenol
Concen: 137.879 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031382.D
Acq: 6 Dec 2017 22:05

Tgt Ion:112 Resp: 545216
Ion Ratio Lower Upper
112 100
64 58.2 56.3 84.5
63 31.4 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: 118.782 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031382.D

Acq: 6 Dec 2017 22:05

Instrument :

BNA_G

ClientSampleId :

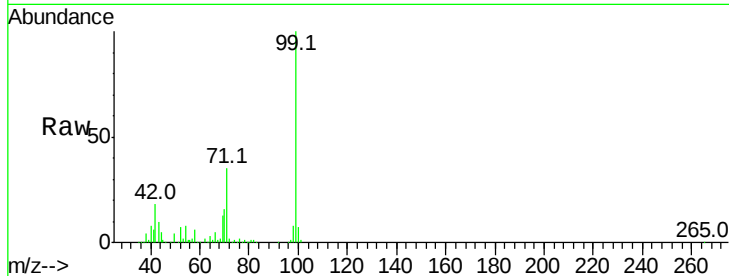
Tot Ion: 99 Resp: 632791

Ion Ratio Lower Upper

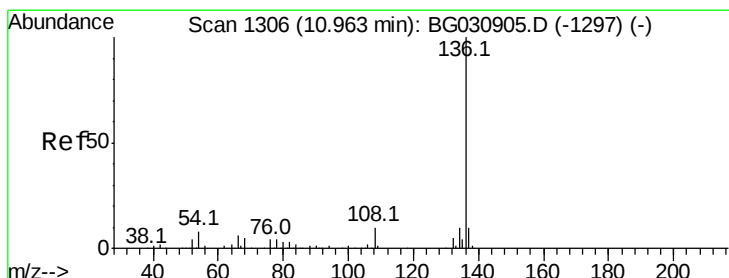
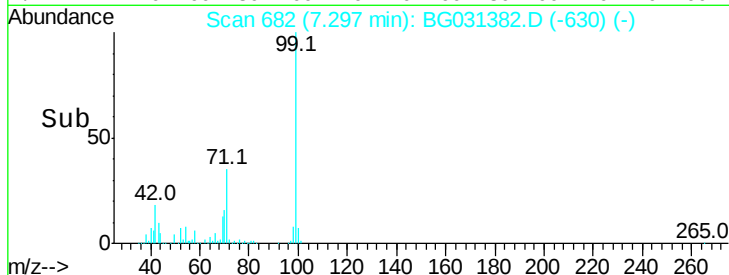
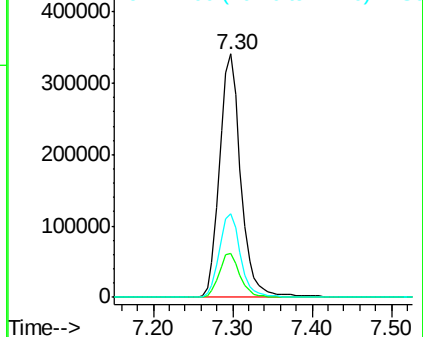
99 100

42 18.2 14.1 21.1

71 34.6 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# 1303

Delta R.T. 0.00 min

Lab File: BG031382.D

Acq: 6 Dec 2017 22:05

Tgt Ion: 136 Resp: 294498

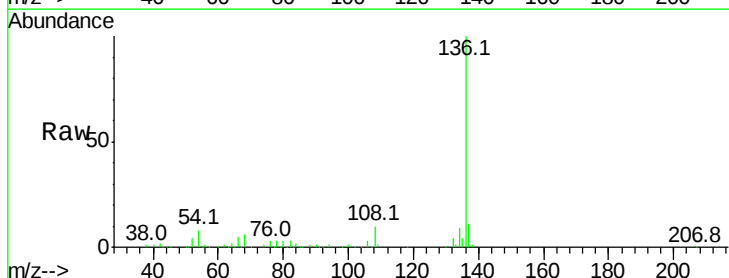
Ion Ratio Lower Upper

136 100

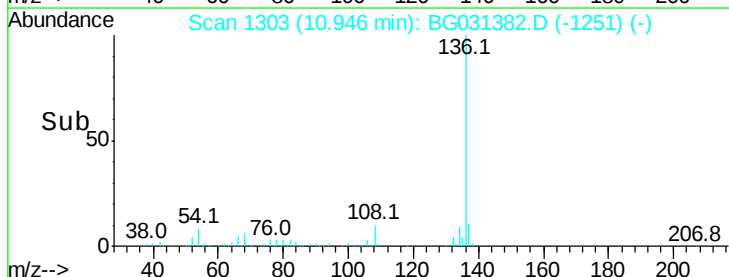
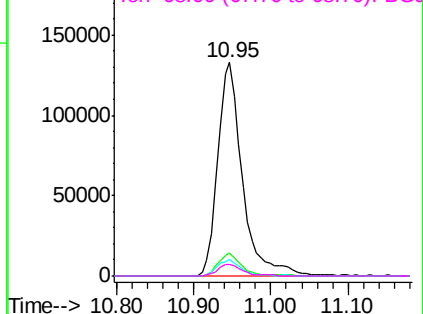
137 10.9 9.2 13.8

54 7.9 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

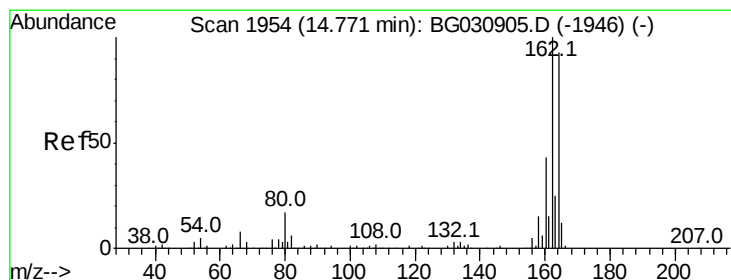
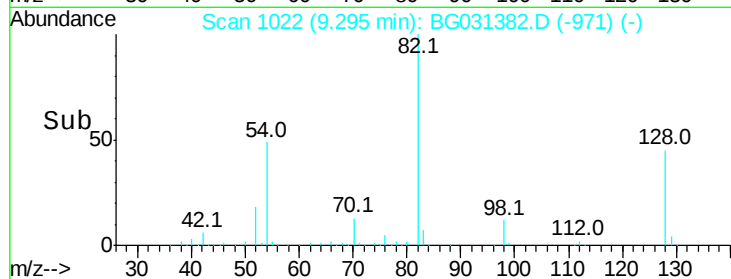
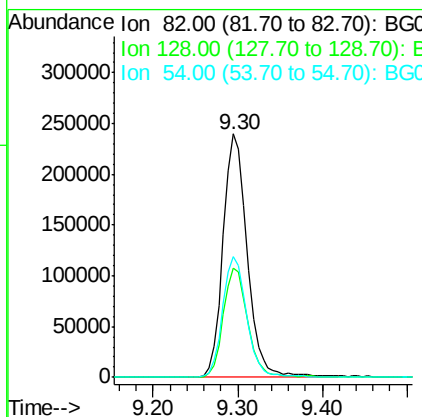
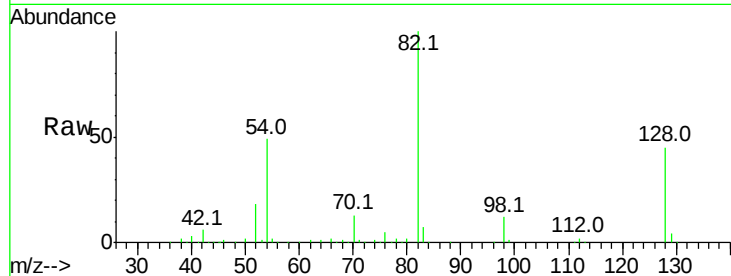




#23
 Nitrobenzene-d5
 Concen: 95.552 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG031382.D
 Acq: 6 Dec 2017 22:05

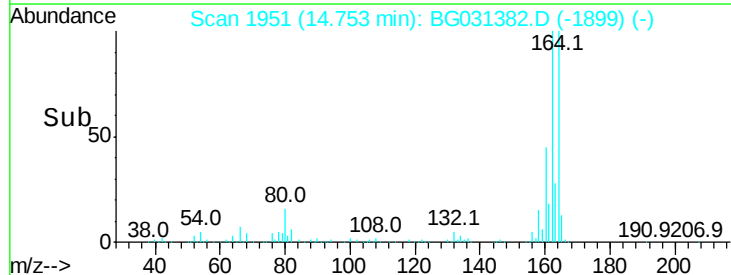
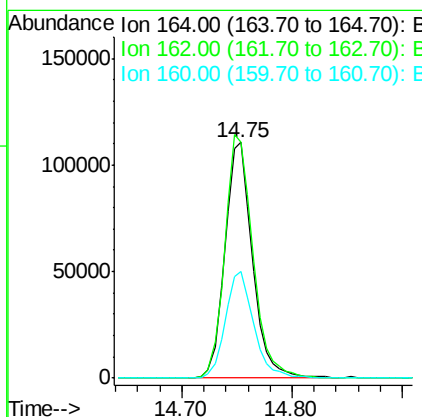
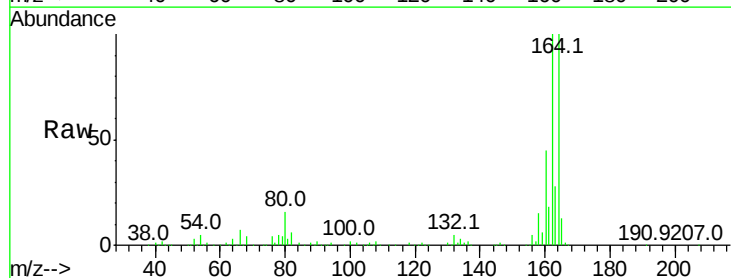
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 474885
 Ion Ratio Lower Upper
 82 100
 128 44.6 29.7 44.5#
 54 49.3 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: BG031382.D
 Acq: 6 Dec 2017 22:05

Tgt Ion:164 Resp: 193208
 Ion Ratio Lower Upper
 164 100
 162 100.2 78.8 118.2
 160 45.2 35.4 53.0

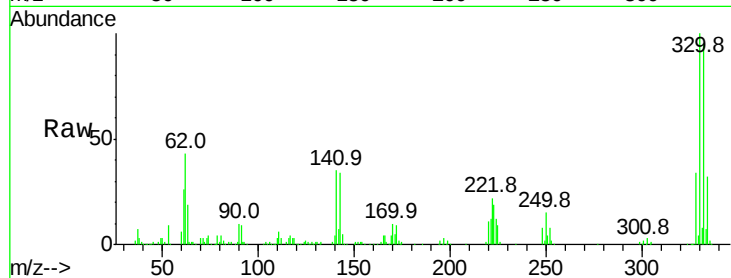




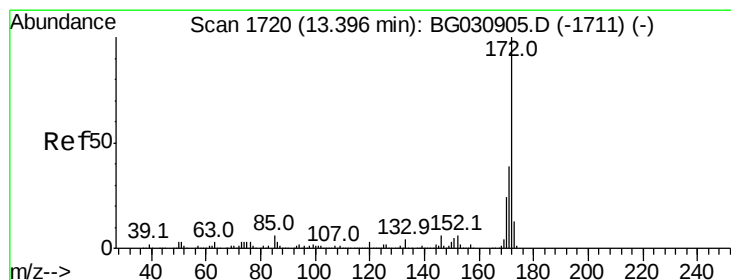
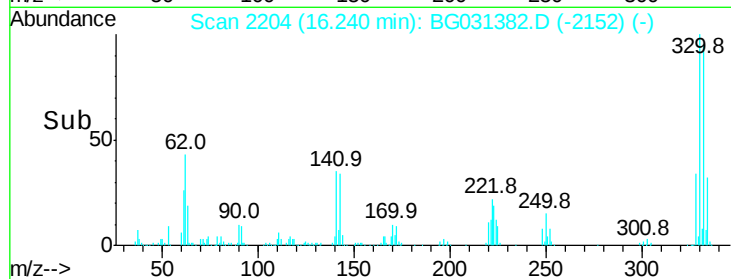
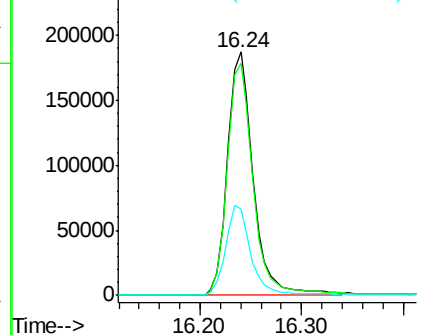
#41
 2,4,6-Tribromophenol
 Concen: 106.155 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031382.D
 Acq: 6 Dec 2017 22:05

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	36.8	25.2	37.8

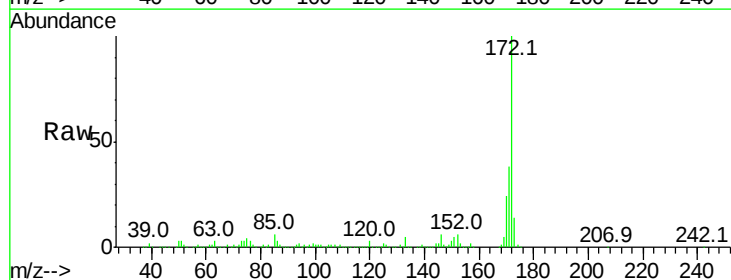


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

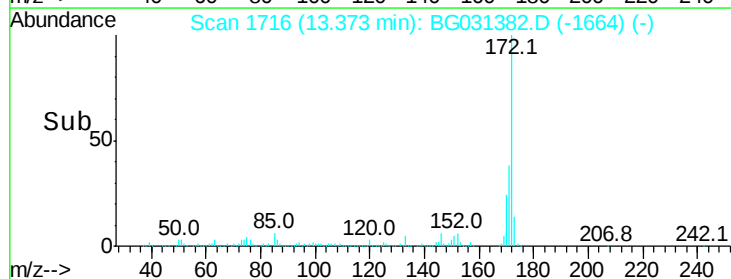
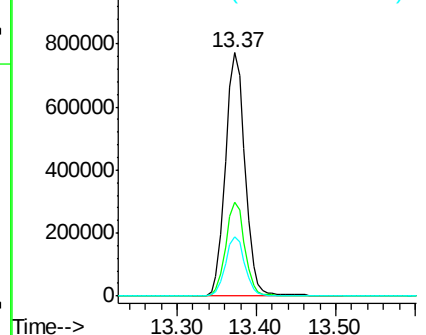


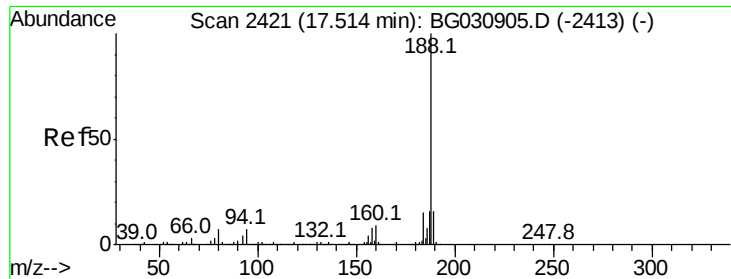
#44
 2-Fluorobiphenyl
 Concen: 98.618 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031382.D
 Acq: 6 Dec 2017 22:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.2	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# 2417

Delta R.T. -0.00 min

Lab File: BG031382.D

Acq: 6 Dec 2017 22:05

Instrument :

BNA_G

ClientSampleId :

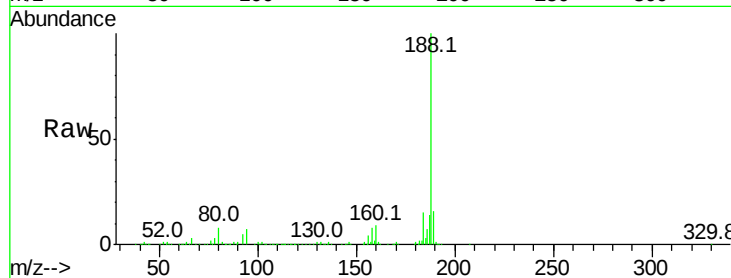
Tot Ion:188 Resp: 509031

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

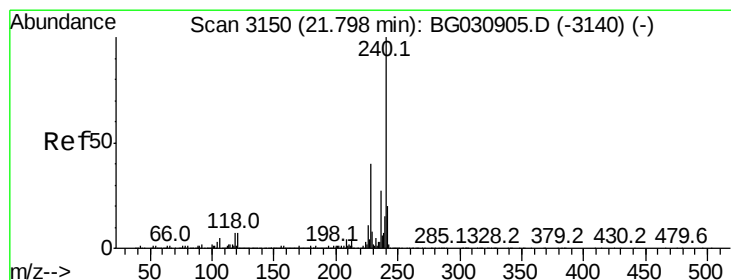
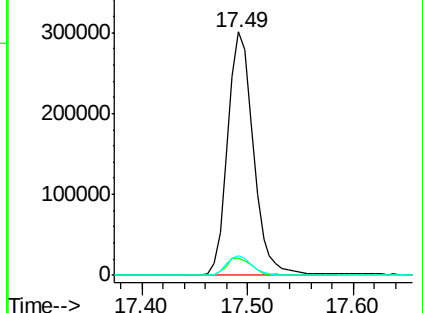
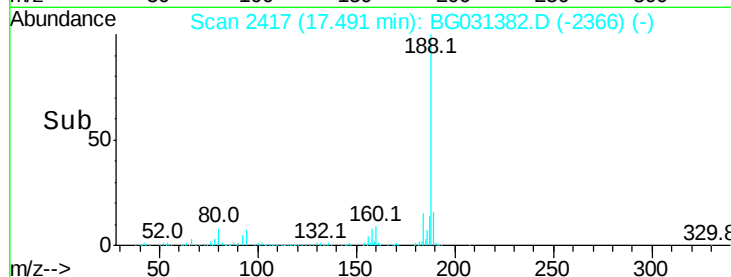
80 8.0 7.7 11.5



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: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG031382.D

Acq: 6 Dec 2017 22:05

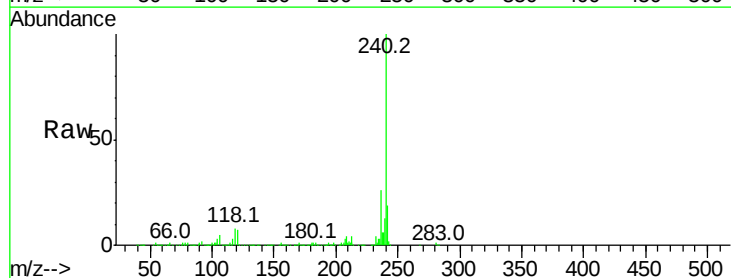
Tgt Ion:240 Resp: 559105

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

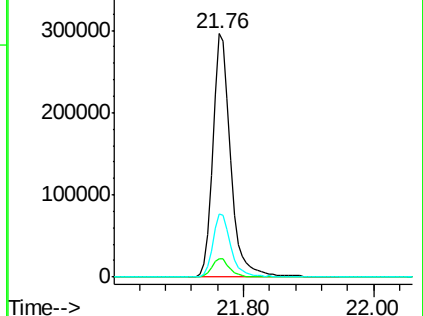
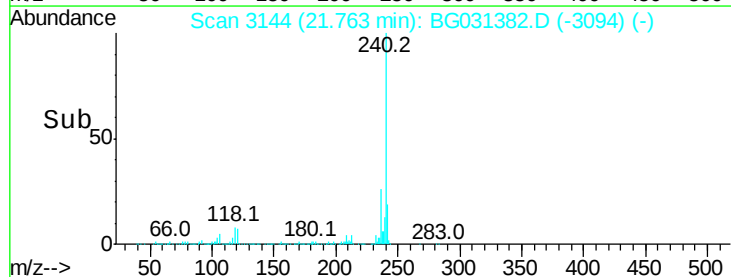
236 25.7 20.9 31.3



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: 91.001 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031382.D

Acq: 6 Dec 2017 22:05

Instrument :

BNA_G

ClientSampleId :

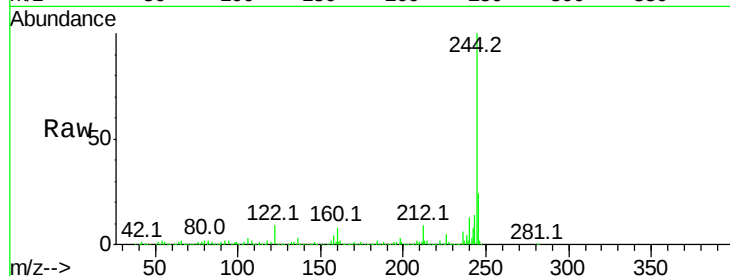
Tot Ion:244 Resp: 2304212

Ion Ratio Lower Upper

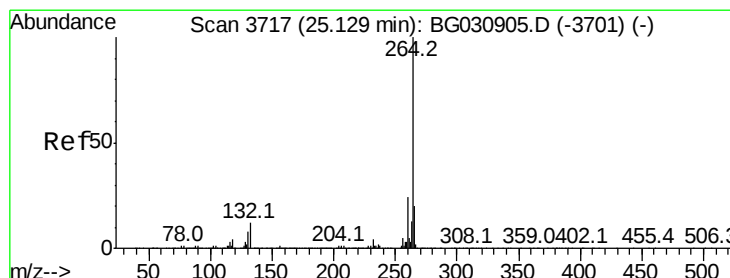
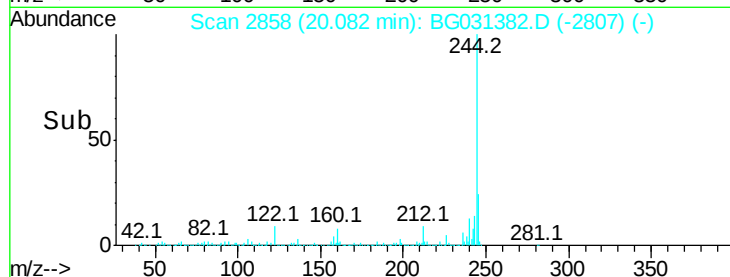
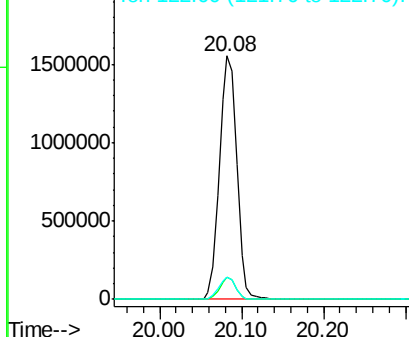
244 100

212 9.0 5.8 8.8#

122 9.2 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# 3707

Delta R.T. 0.00 min

Lab File: BG031382.D

Acq: 6 Dec 2017 22:05

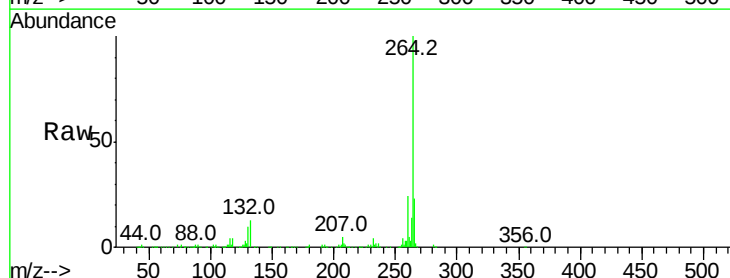
Tgt Ion:264 Resp: 517283

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 22.6 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

