

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120817\
 Data File : BG031441.D
 Acq On : 9 Dec 2017 5:22
 Operator : SJ/JU
 Sample : I6677-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 11 04:30:03 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

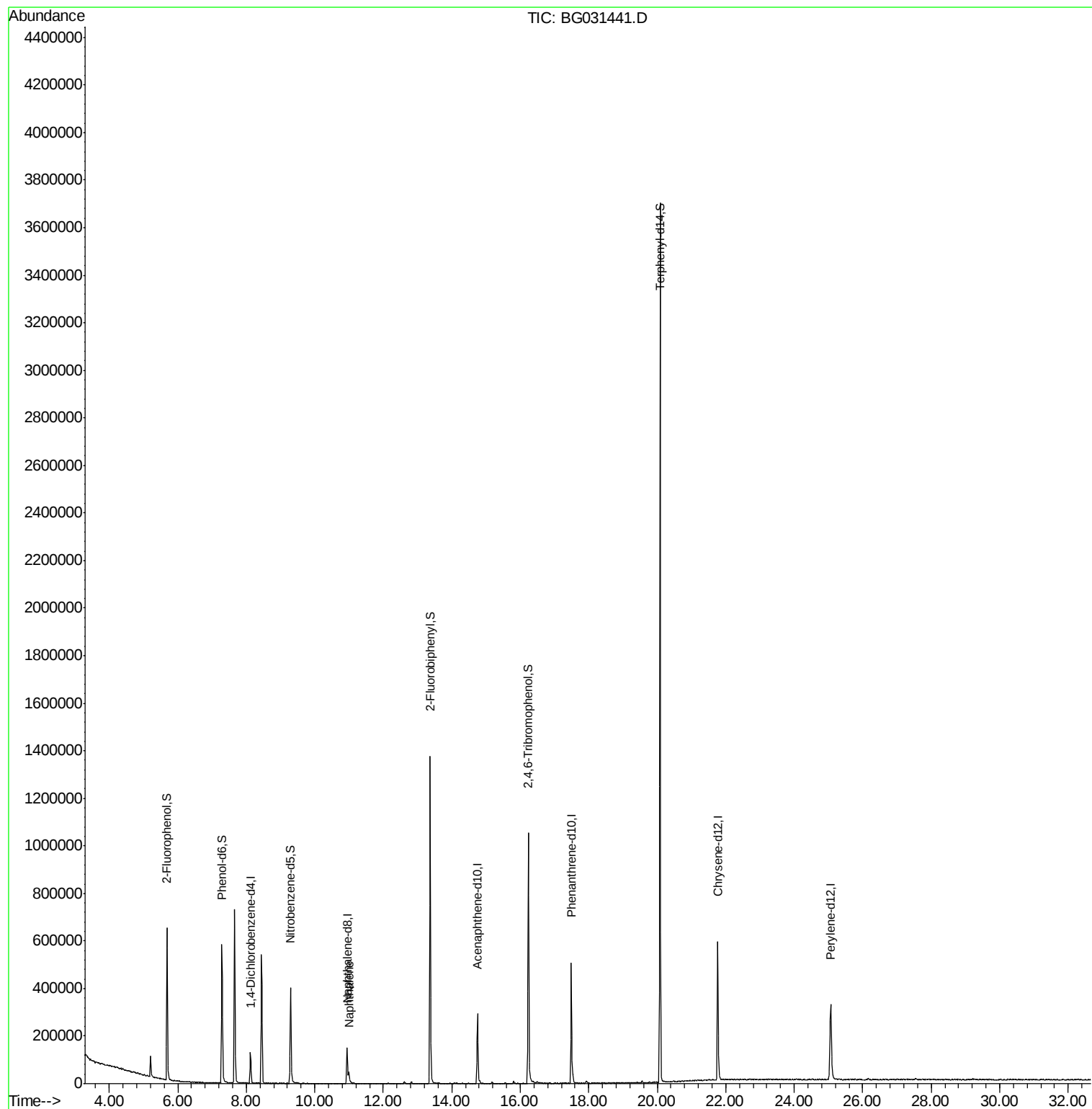
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	37830	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	165727	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	117554	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	356695	20.00	ng	0.00
75) Chrysene-d12	21.77	240	417772	20.00	ng	0.00
86) Perylene-d12	25.06	264	391705	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	302718	137.22	ng	0.00
7) Phenol-d6	7.29	99	378474	127.34	ng	0.00
23) Nitrobenzene-d5	9.29	82	278021	99.41	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	221334	116.39	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	792862	96.91	ng	0.00
78) Terphenyl-d14	20.08	244	1790114	94.61	ng	0.00
Target Compounds						
31) Naphthalene	11.00	128	46013	5.648	ng	Qvalue 98

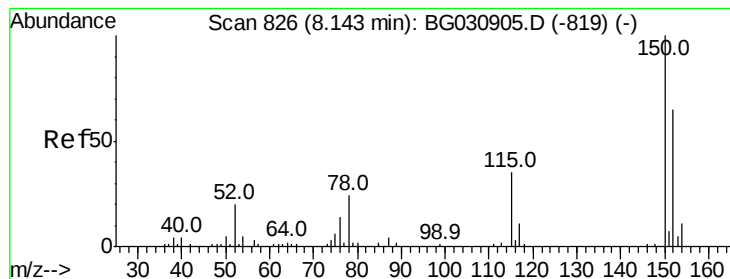
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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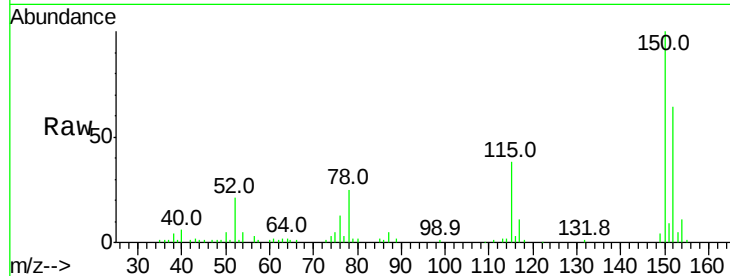


#1

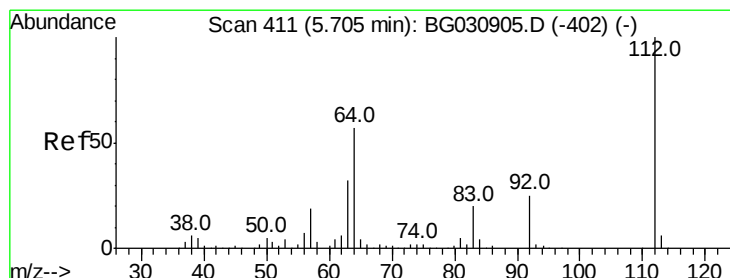
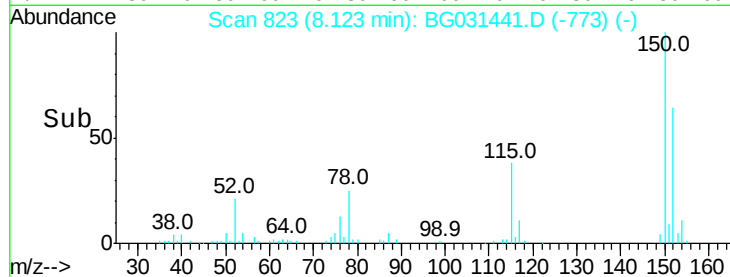
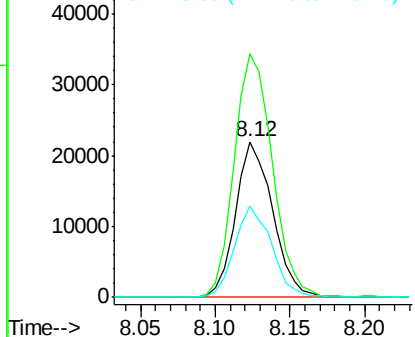
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG031441.D
Acq: 9 Dec 2017 5:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37830
Ion Ratio Lower Upper
152 100
150 156.1 126.6 189.8
115 58.8 53.0 79.4



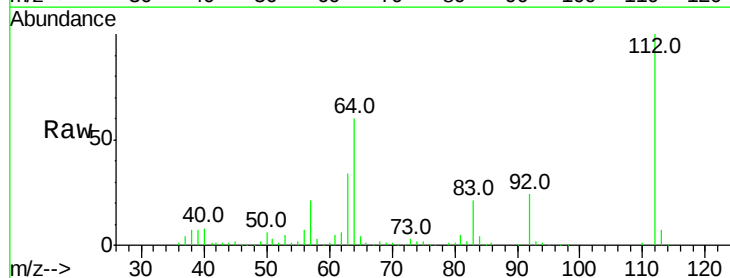
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



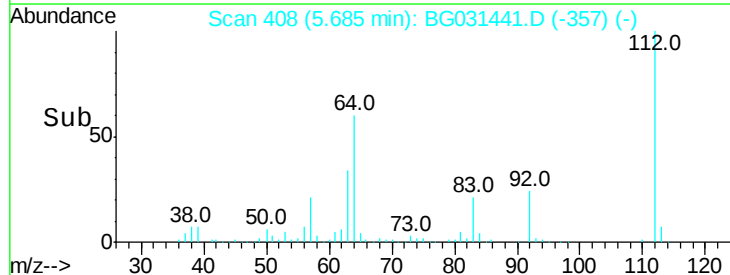
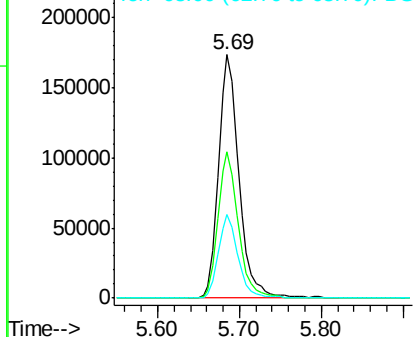
#5

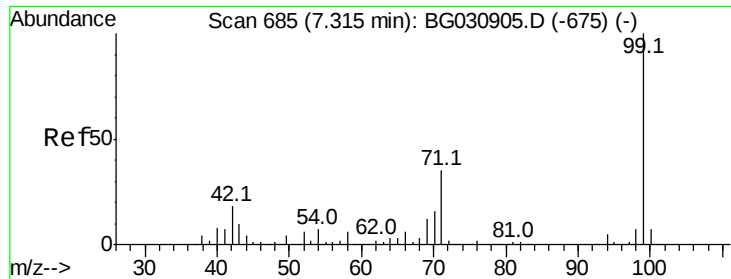
2-Fluorophenol
Concen: 137.216 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031441.D
Acq: 9 Dec 2017 5:22

Tgt Ion:112 Resp: 302718
Ion Ratio Lower Upper
112 100
64 59.9 56.3 84.5
63 34.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 127.340 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG031441.D

Acq: 9 Dec 2017 5:22

Instrument :

BNA_G

ClientSampleId :

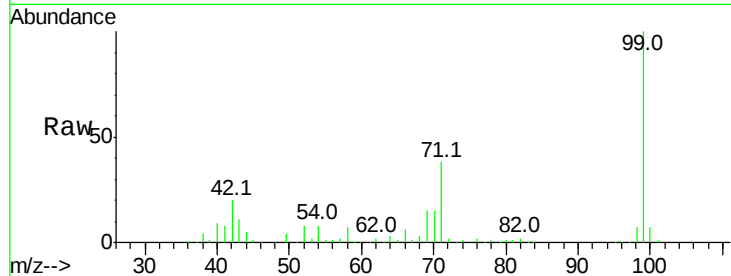
Tot Ion: 99 Resp: 378474

Ion Ratio Lower Upper

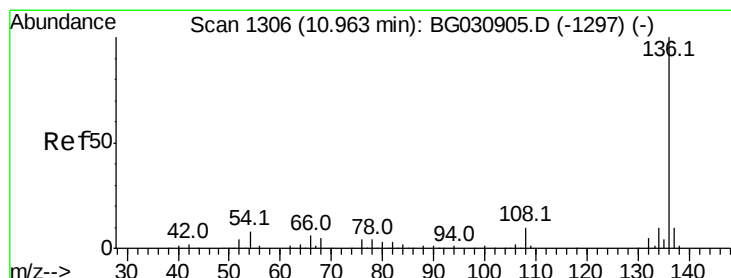
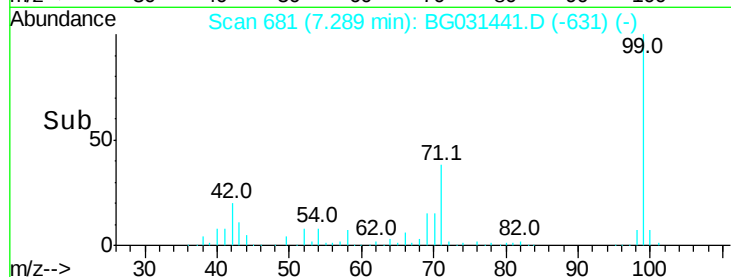
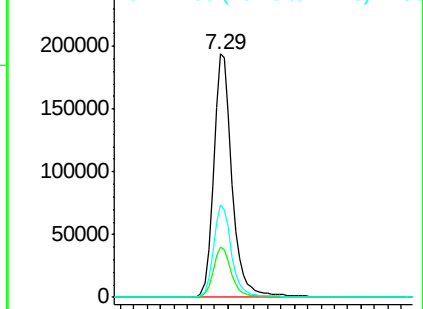
99 100

42 20.5 14.1 21.1

71 37.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031441.D

Acq: 9 Dec 2017 5:22

Tgt Ion:136 Resp: 165727

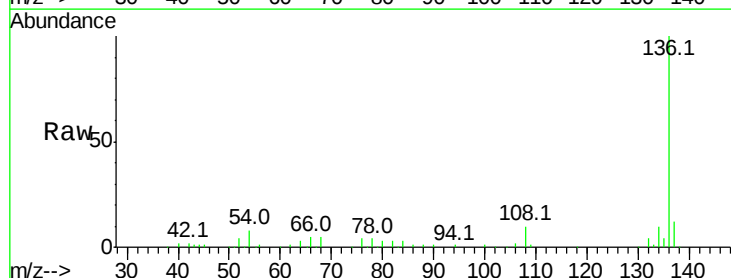
Ion Ratio Lower Upper

136 100

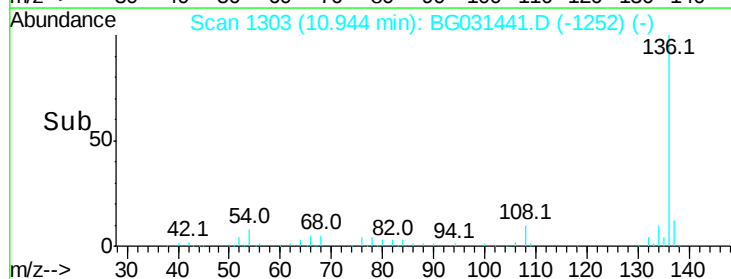
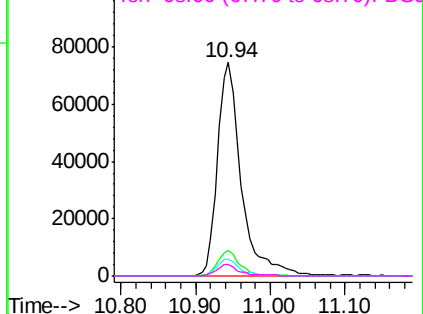
137 12.0 9.2 13.8

54 7.6 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

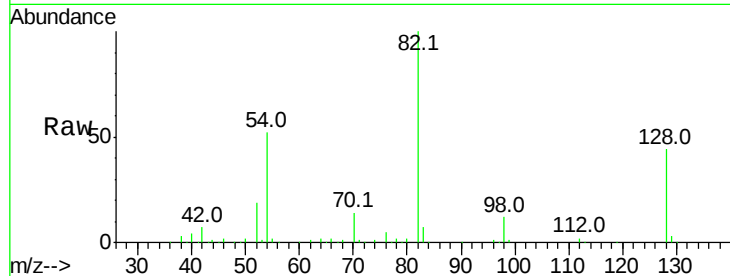




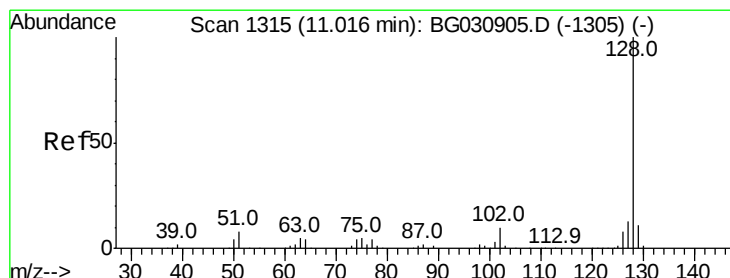
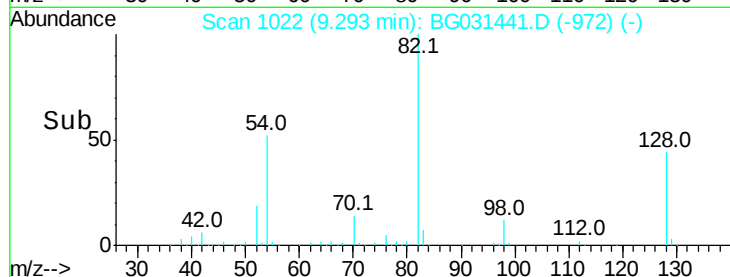
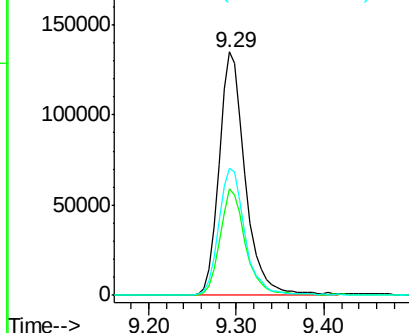
#23
Nitrobenzene-d5
Concen: 99.407 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG031441.D
Acq: 9 Dec 2017 5:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 278021
Ion Ratio Lower Upper
82 100
128 43.8 29.7 44.5
54 52.3 43.1 64.7

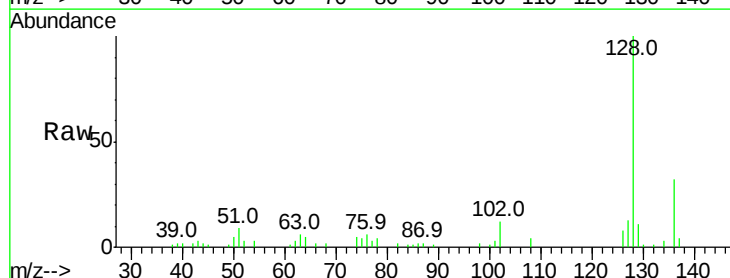


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

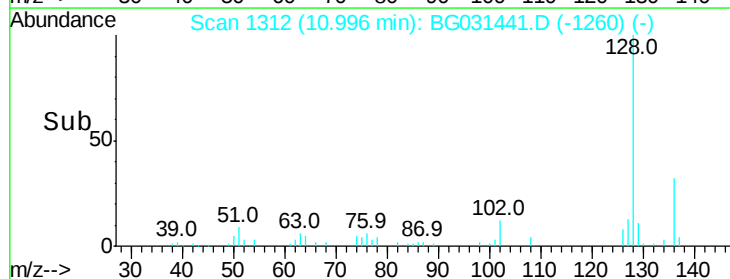
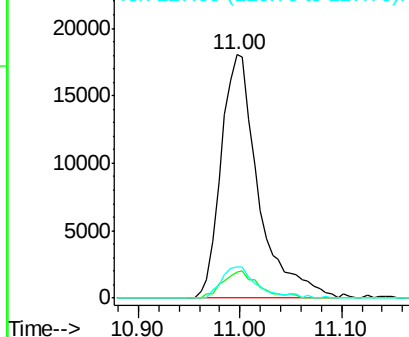


#31
Naphthalene
Concen: 5.648 ng
RT: 11.00 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BG031441.D
Acq: 9 Dec 2017 5:22

Tgt Ion:128 Resp: 46013
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.9 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG031441.D

Acq: 9 Dec 2017 5:22

Instrument :

BNA_G

ClientSampleId :

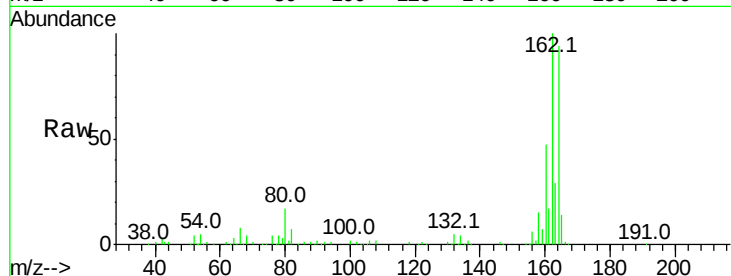
Tot Ion:164 Resp: 117554

Ion Ratio Lower Upper

164 100

162 106.6 78.8 118.2

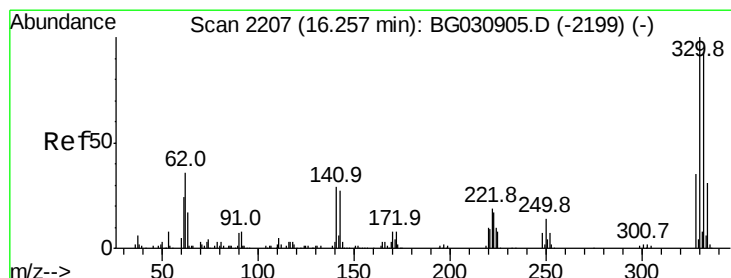
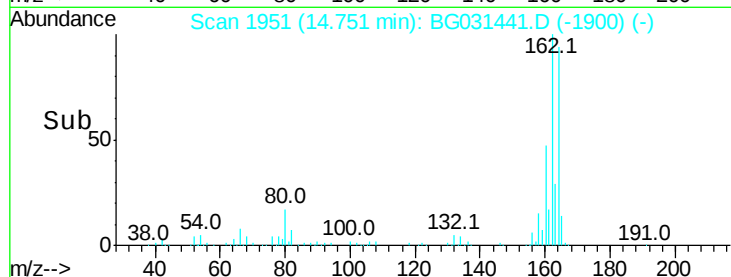
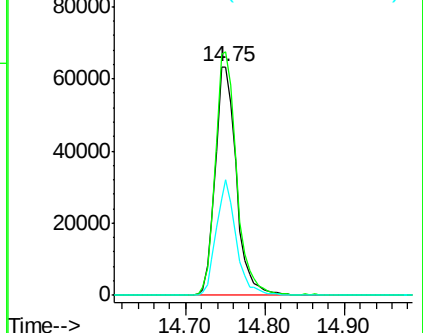
160 50.5 35.4 53.0



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: 116.391 ng

RT: 16.24 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG031441.D

Acq: 9 Dec 2017 5:22

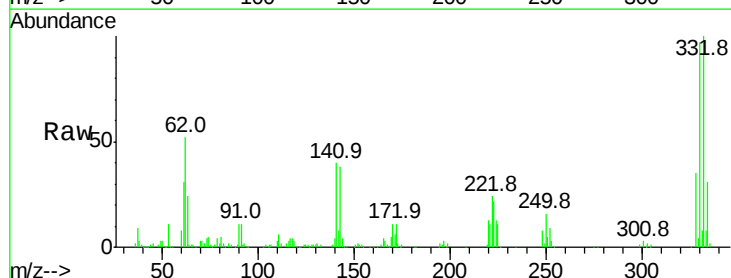
Tgt Ion:330 Resp: 221334

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

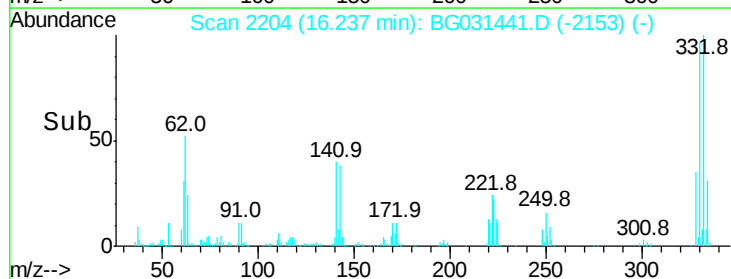
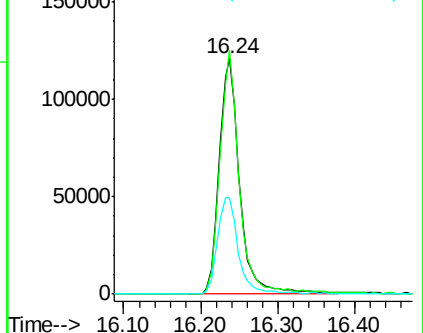
141 41.3 25.2 37.8#

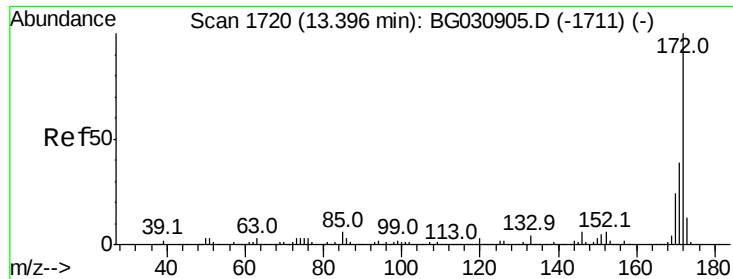


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

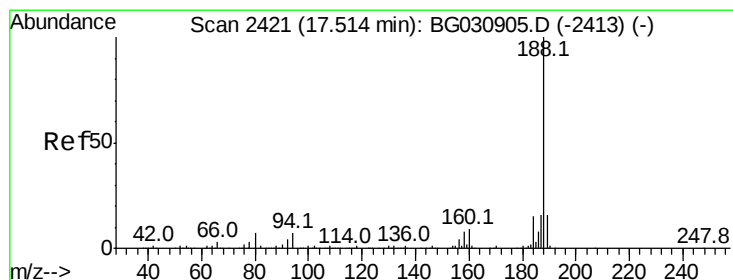
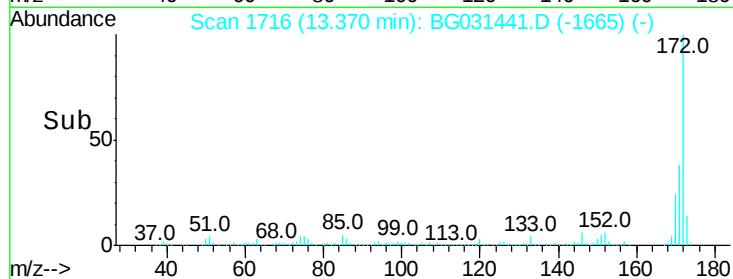
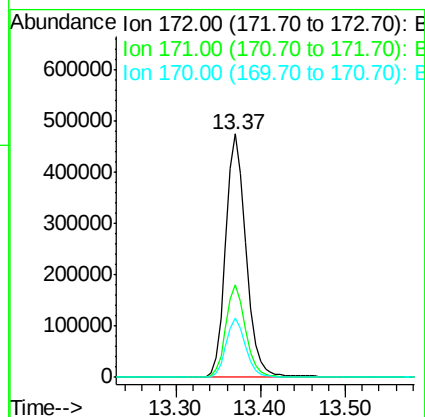
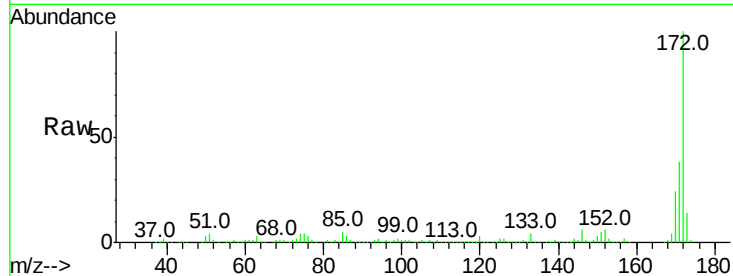




#44
 2-Fluorobiphenyl
 Concen: 96.913 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031441.D
 Acq: 9 Dec 2017 5:22

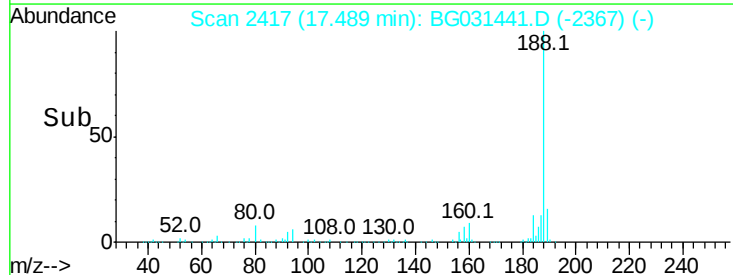
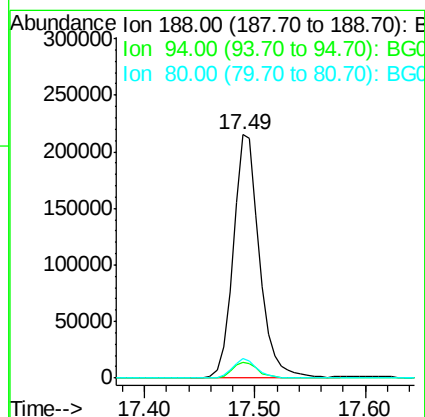
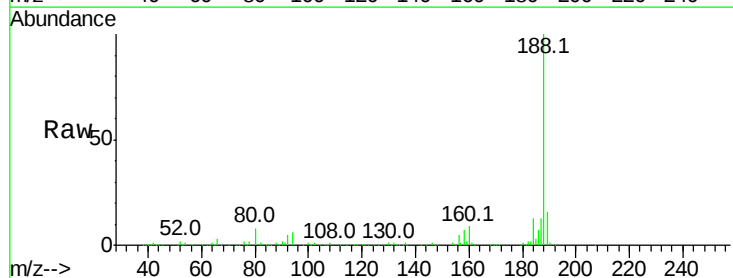
Instrument :
 BNA_G
 ClientSampleId :

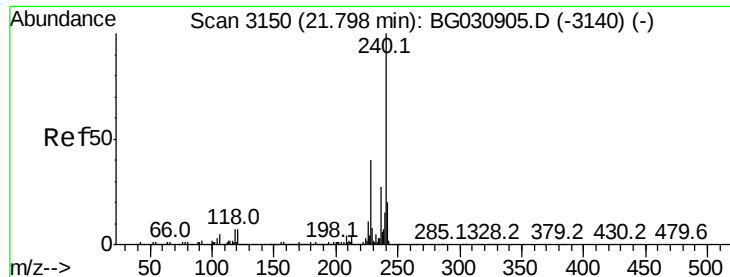
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.3	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BG031441.D
 Acq: 9 Dec 2017 5:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.8	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG031441.D

Acq: 9 Dec 2017 5:22

Instrument :

BNA_G

ClientSampleId :

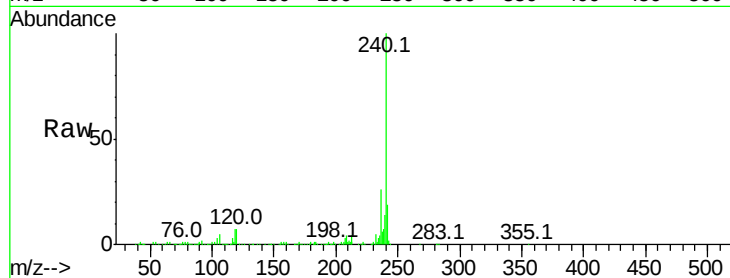
Tot Ion:240 Resp: 417772

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

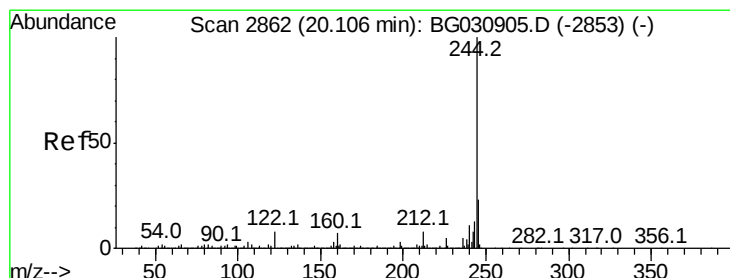
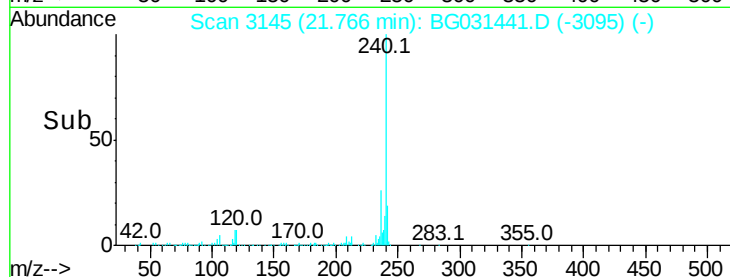
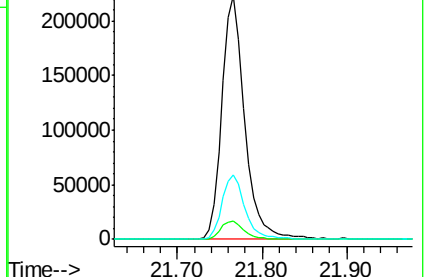
236 26.4 20.9 31.3



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: 94.614 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031441.D

Acq: 9 Dec 2017 5:22

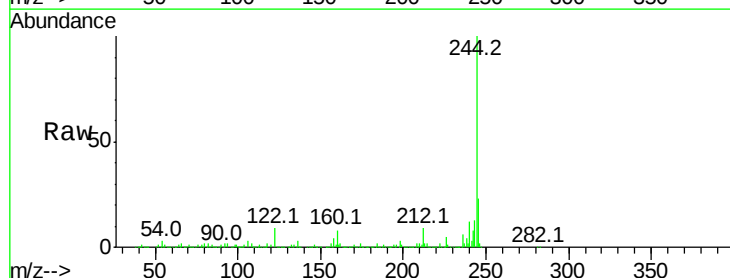
Tgt Ion:244 Resp: 1790114

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

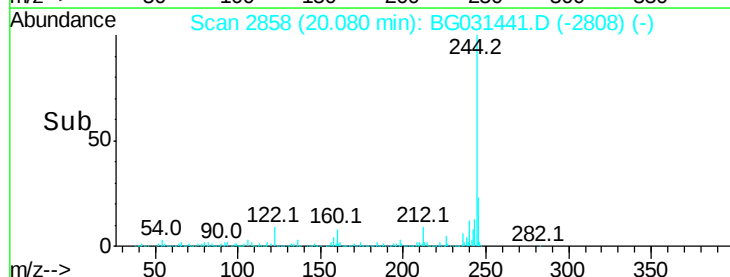
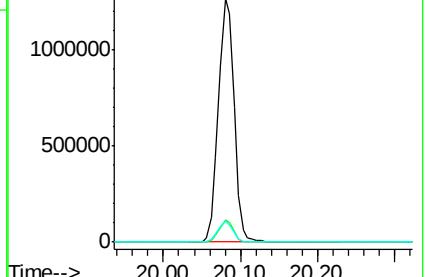
122 8.6 7.0 10.4



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

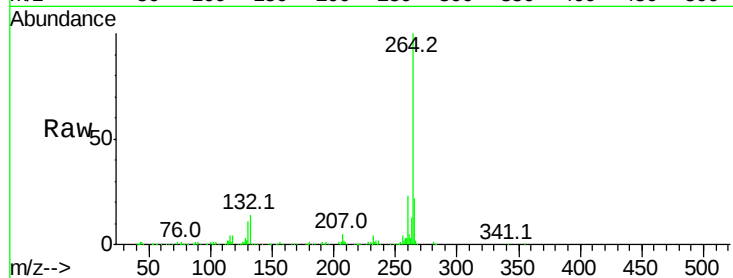




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG031441.D
Acq: 9 Dec 2017 5:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	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

