

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120617\
 Data File : BG031375.D
 Acq On : 6 Dec 2017 17:43
 Operator : SJ/JU
 Sample : I6303-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 07 02:40:07 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

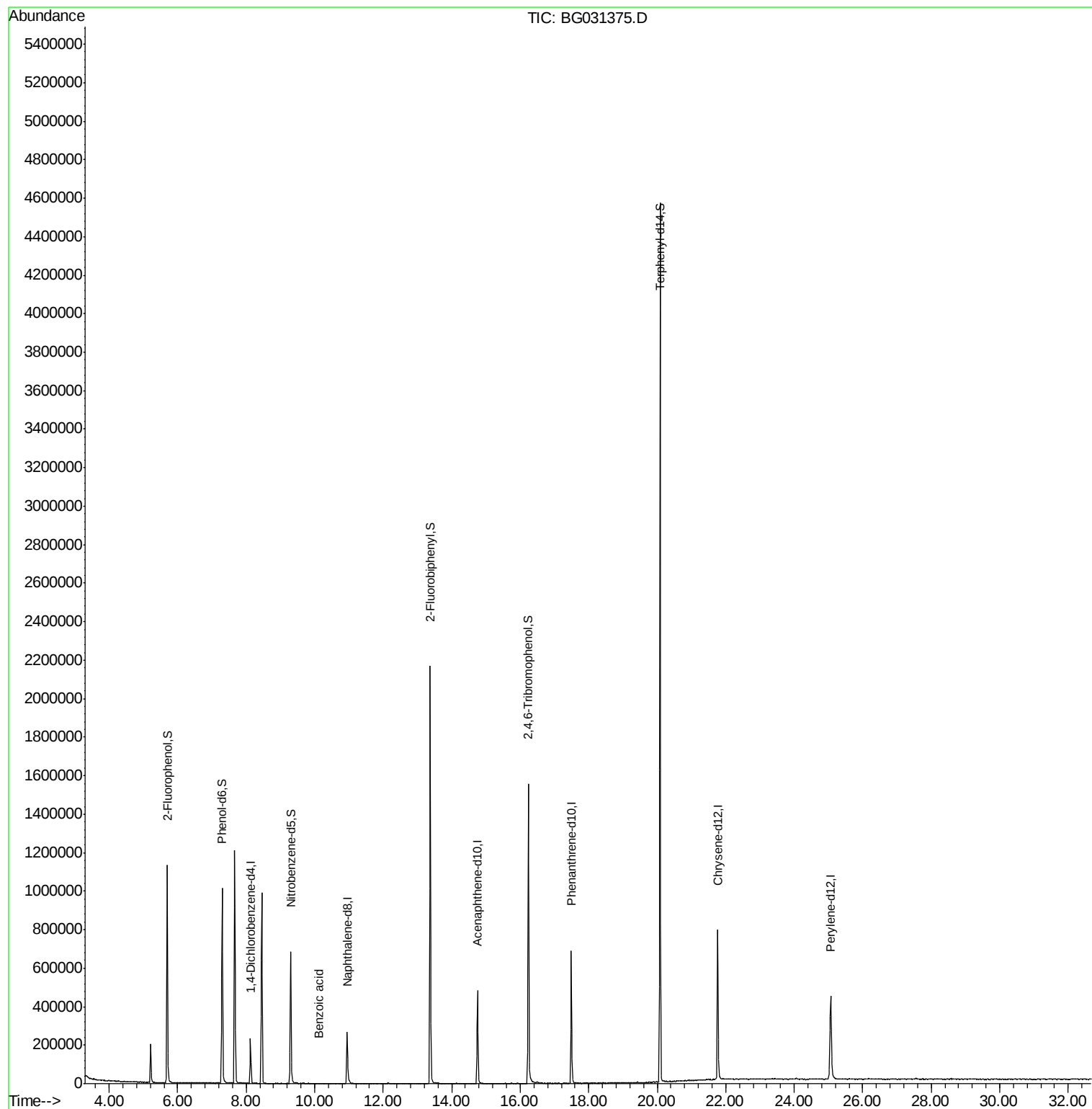
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	71970	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	299237	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	192239	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	497161	20.00	ng	0.00
75) Chrysene-d12	21.77	240	556576	20.00	ng	0.00
86) Perylene-d12	25.06	264	529446	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	561415	133.76	ng	0.00
7) Phenol-d6	7.30	99	656520	116.11	ng	0.00
23) Nitrobenzene-d5	9.29	82	473073	93.68	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	330683	106.34	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1293754	96.70	ng	0.00
78) Terphenyl-d14	20.08	244	2256567	89.52	ng	0.00
Target Compounds						
32) Benzoic acid	10.11	122	56	5.676	ng	Qvalue # 1

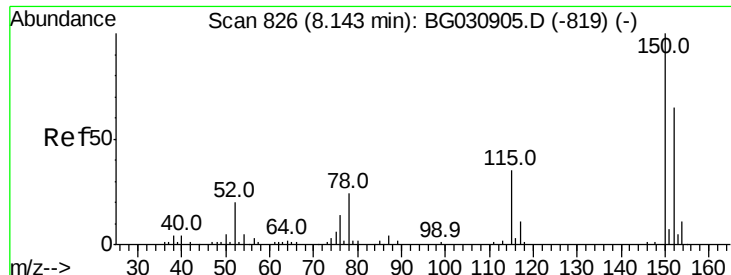
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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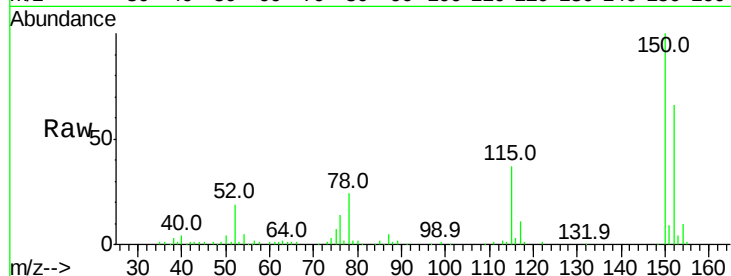


#1

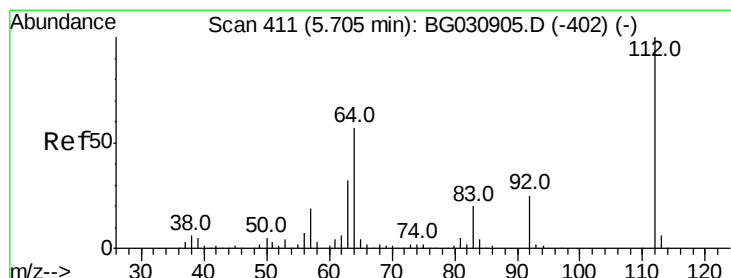
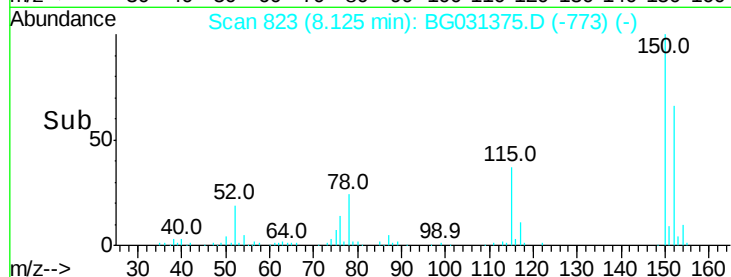
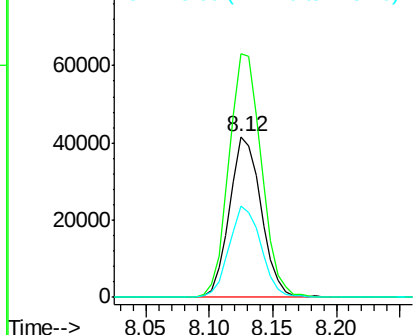
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031375.D
Acq: 6 Dec 2017 17:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 71970
Ion Ratio Lower Upper
152 100
150 151.7 126.6 189.8
115 56.6 53.0 79.4



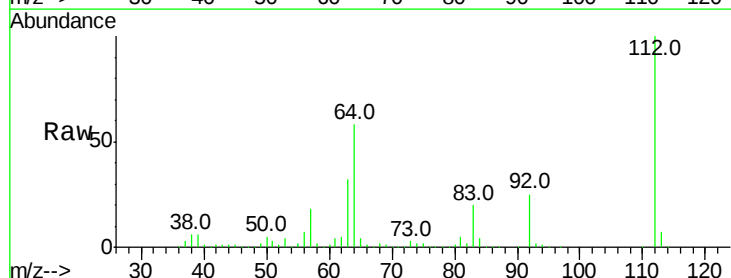
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



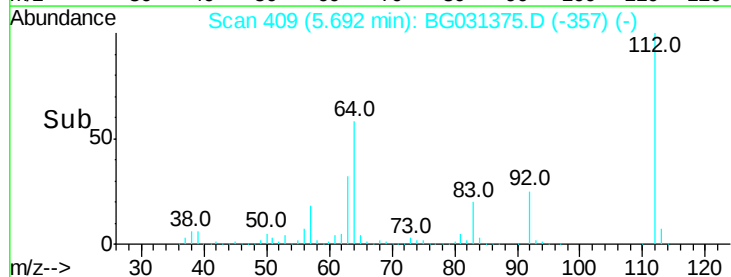
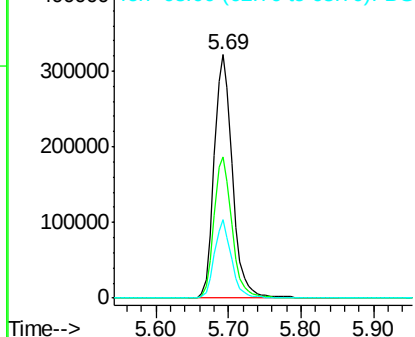
#5

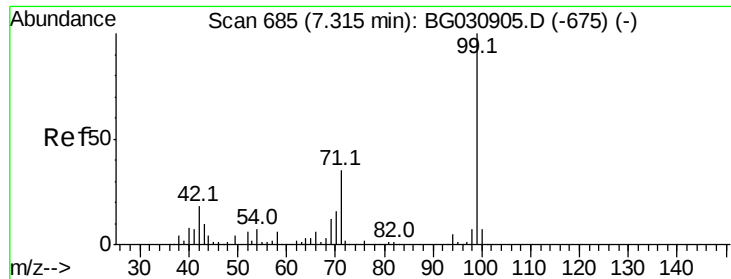
2-Fluorophenol
Concen: 133.763 ng
RT: 5.69 min Scan# 409
Delta R.T. 0.01 min
Lab File: BG031375.D
Acq: 6 Dec 2017 17:43

Tgt Ion:112 Resp: 561415
Ion Ratio Lower Upper
112 100
64 57.9 56.3 84.5
63 32.0 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: 116.108 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031375.D

Acq: 6 Dec 2017 17:43

Instrument :

BNA_G

ClientSampleId :

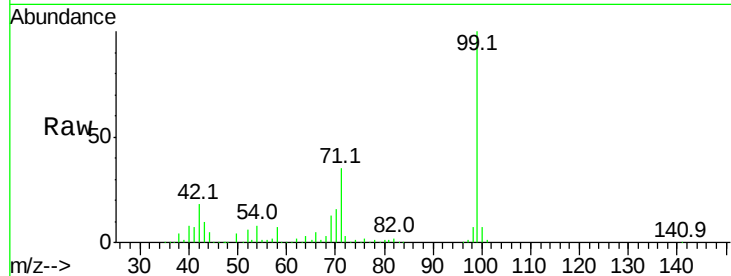
Tot Ion: 99 Resp: 656520

Ion Ratio Lower Upper

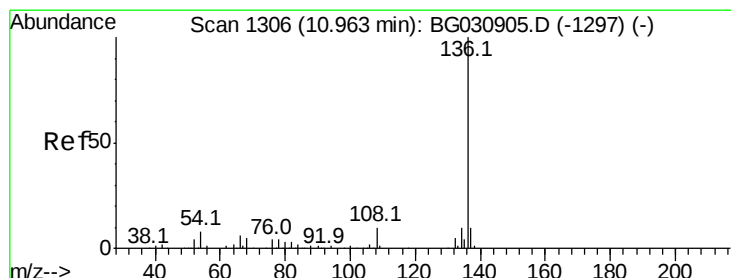
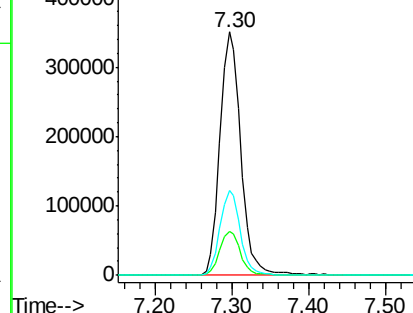
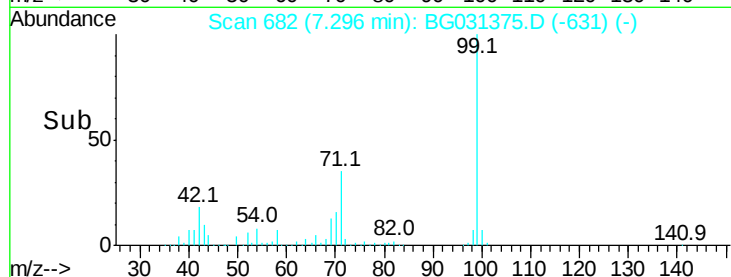
99 100

42 18.1 14.1 21.1

71 35.0 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: BG031375.D

Acq: 6 Dec 2017 17:43

Tgt Ion: 136 Resp: 299237

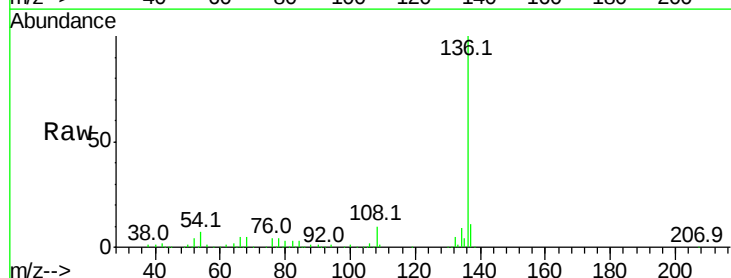
Ion Ratio Lower Upper

136 100

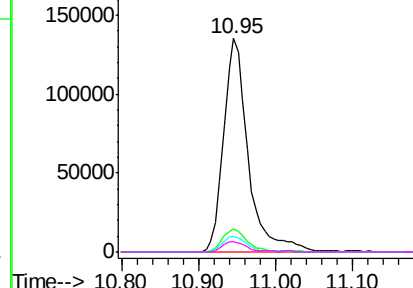
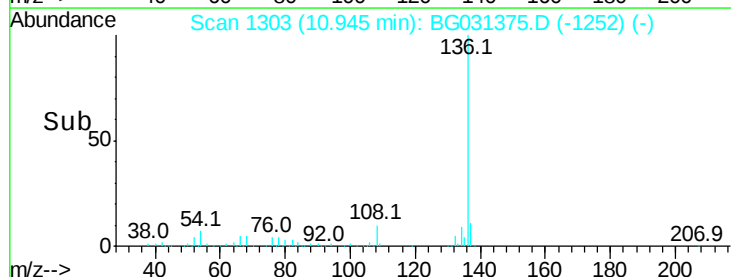
137 11.1 9.2 13.8

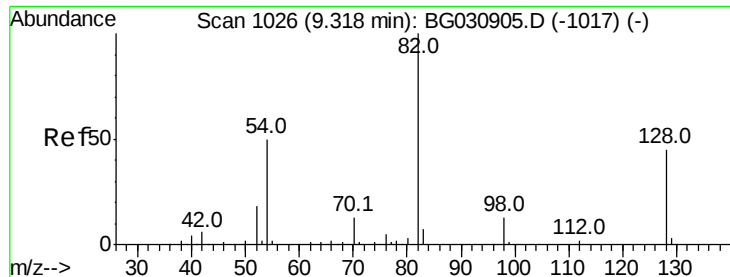
54 7.3 10.3 15.5#

68 4.9 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

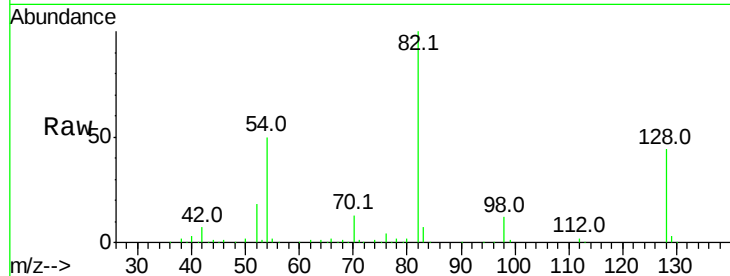




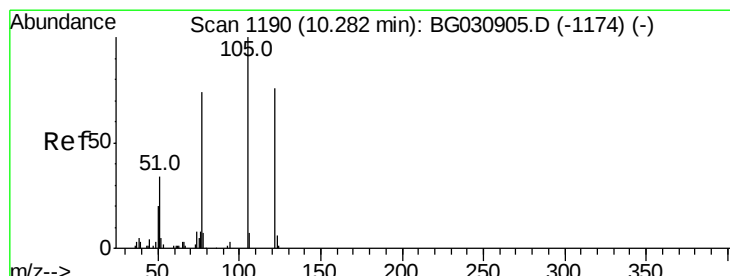
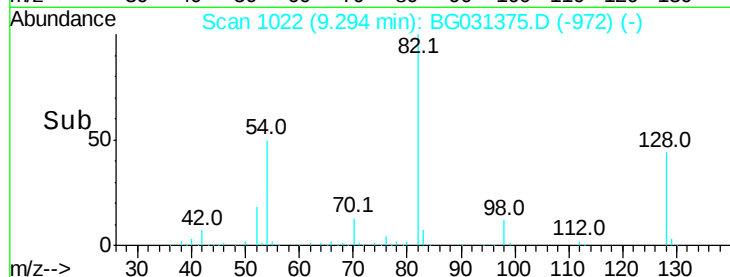
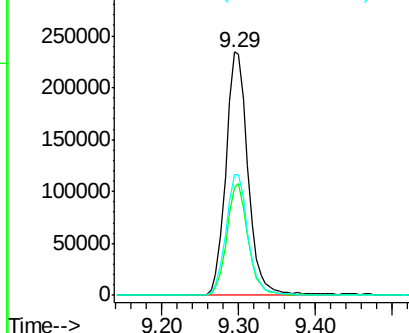
#23
 Nitrobenzene-d5
 Concen: 93.680 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG031375.D
 Acq: 6 Dec 2017 17:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 473073
 Ion Ratio Lower Upper
 82 100
 128 44.1 29.7 44.5
 54 49.8 43.1 64.7

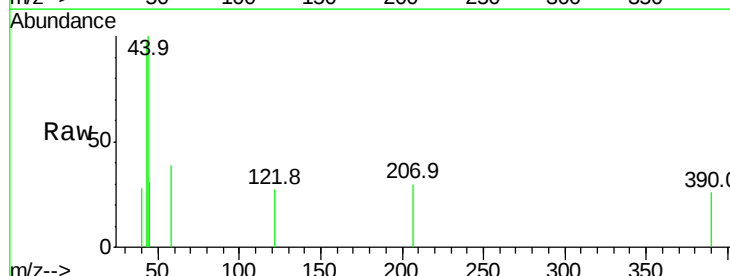


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

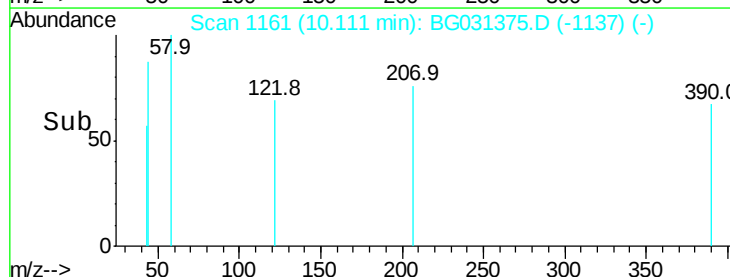
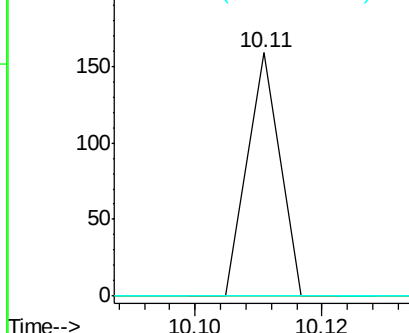


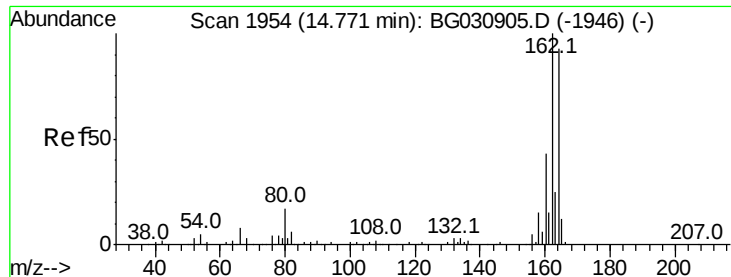
#32
 Benzoic acid
 Concen: 5.676 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.16 min
 Lab File: BG031375.D
 Acq: 6 Dec 2017 17:43

Tgt Ion:122 Resp: 56
 Ion Ratio Lower Upper
 122 100
 105 0.0 123.5 163.5#
 77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG031375.D

Acq: 6 Dec 2017 17:43

Instrument :

BNA_G

ClientSampleId :

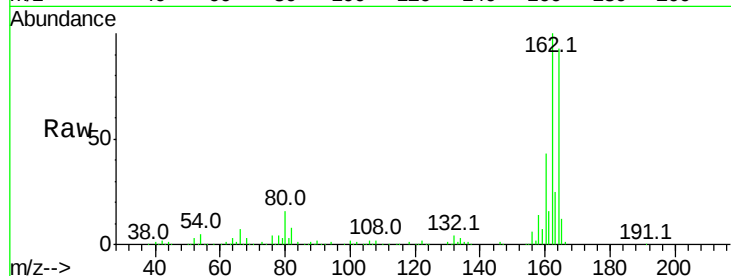
Tot Ion:164 Resp: 192239

Ion Ratio Lower Upper

164 100

162 107.9 78.8 118.2

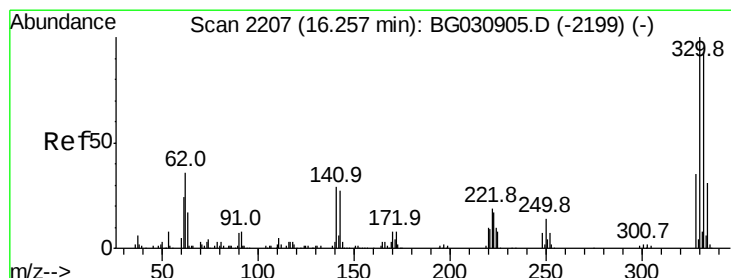
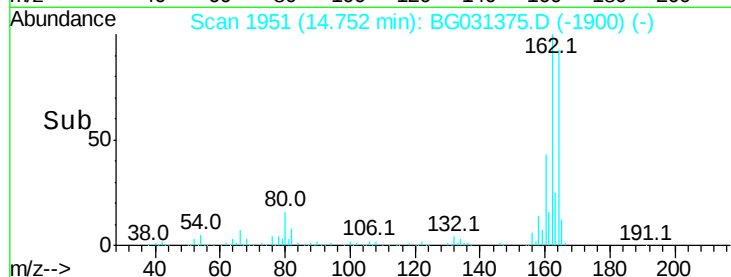
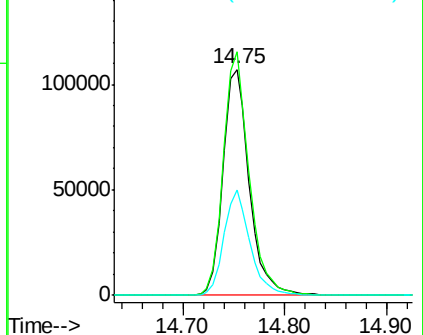
160 46.7 35.4 53.0



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: 106.336 ng

RT: 16.24 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG031375.D

Acq: 6 Dec 2017 17:43

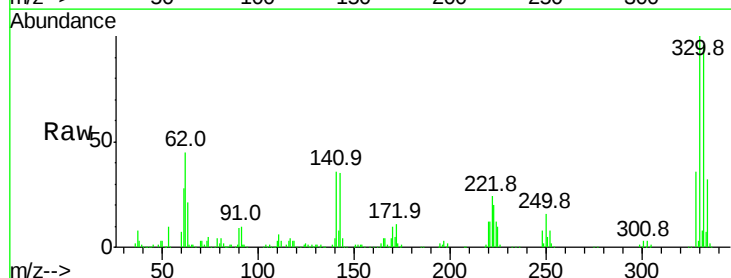
Tgt Ion:330 Resp: 330683

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

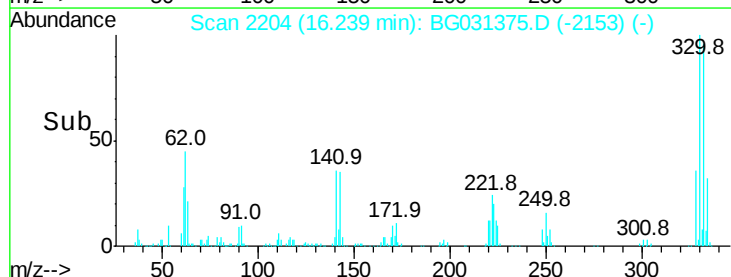
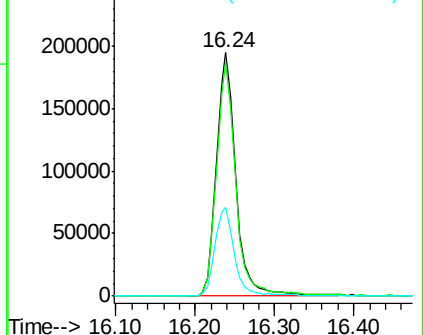
141 35.9 25.2 37.8

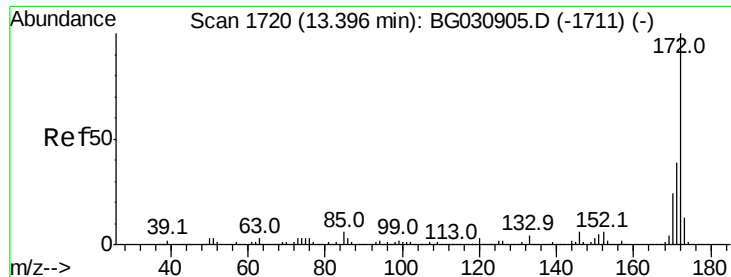


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



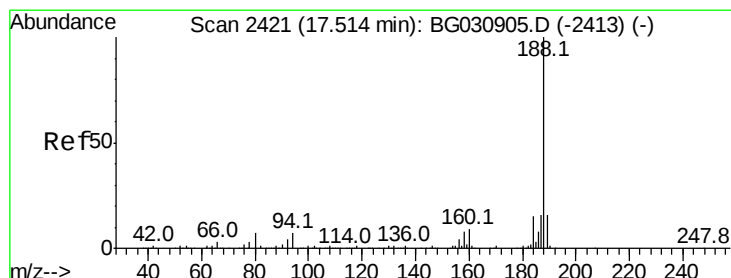
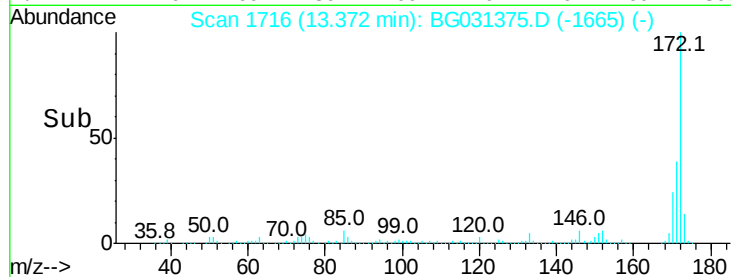
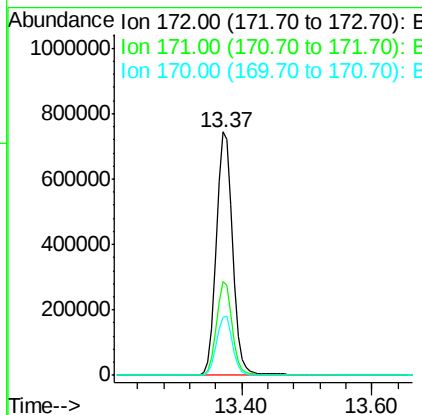
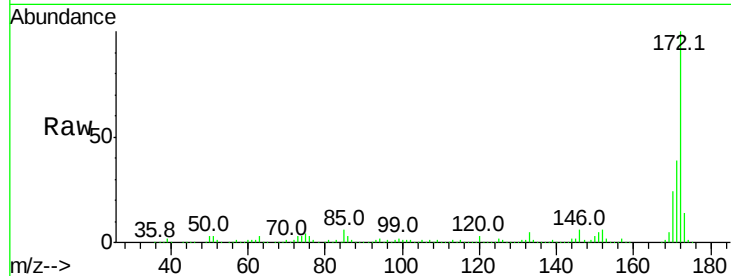


#44
 2-Fluorobiphenyl
 Concen: 96.702 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031375.D
 Acq: 6 Dec 2017 17:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1293754

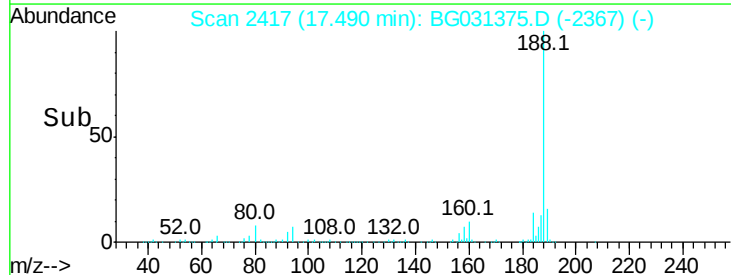
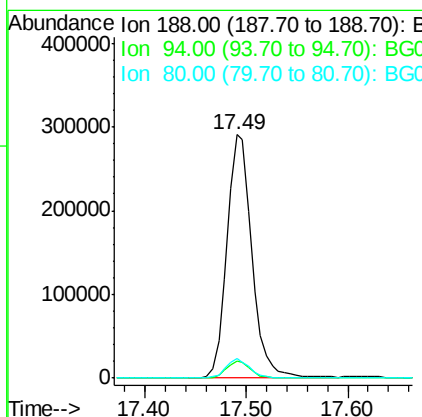
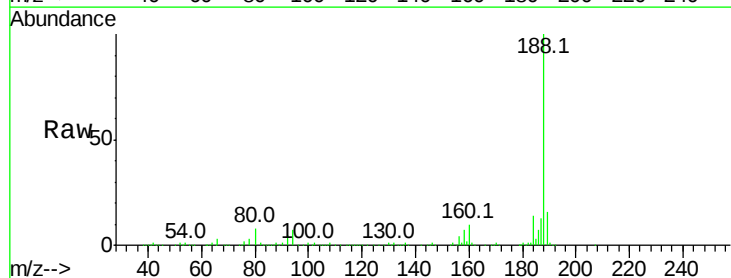
Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	24.0	19.5	29.3

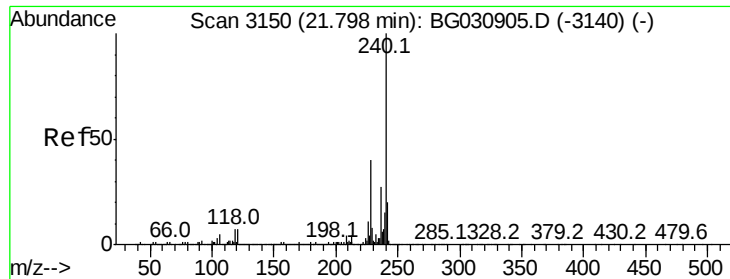


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.00 min
 Lab File: BG031375.D
 Acq: 6 Dec 2017 17:43

Tgt Ion:188 Resp: 497161

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	8.0	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: BG031375.D

Acq: 6 Dec 2017 17:43

Instrument :

BNA_G

ClientSampleId :

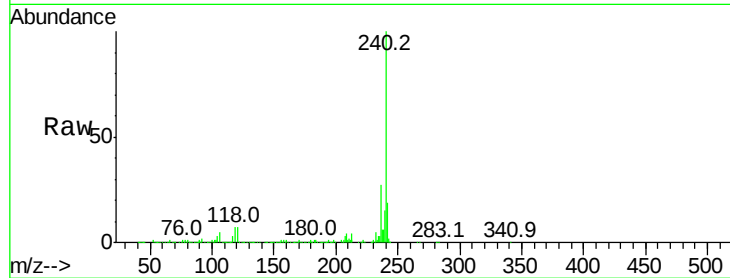
Tot Ion:240 Resp: 556576

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

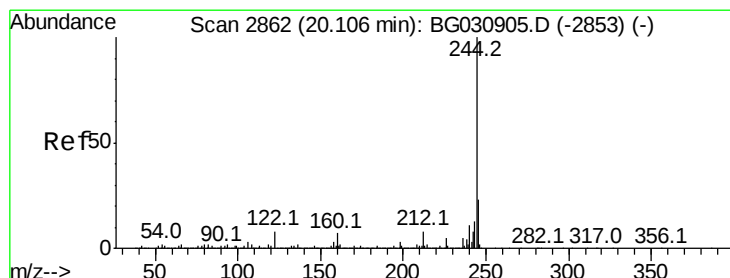
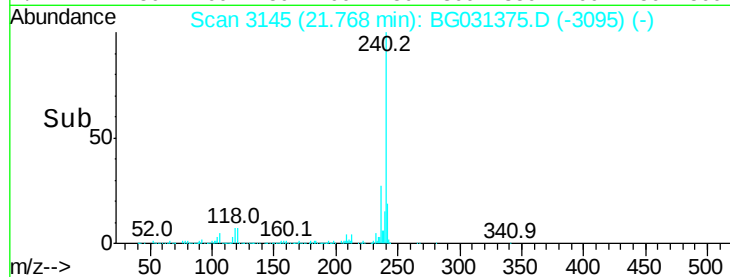
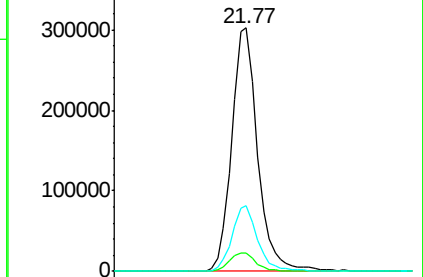
236 26.8 20.9 31.3



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: 89.524 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031375.D

Acq: 6 Dec 2017 17:43

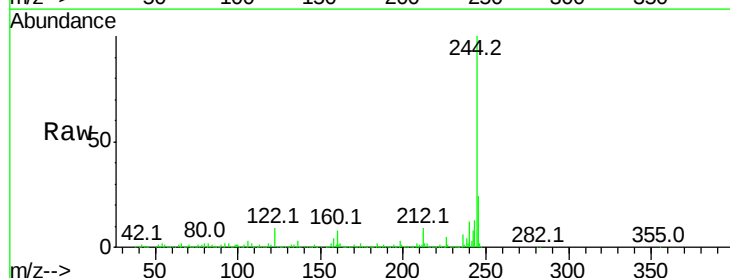
Tgt Ion:244 Resp: 2256567

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

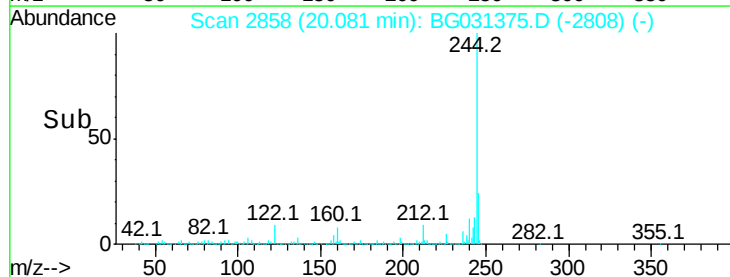
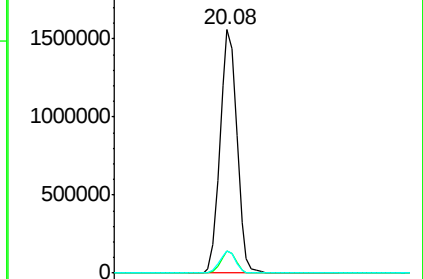
122 9.2 7.0 10.4

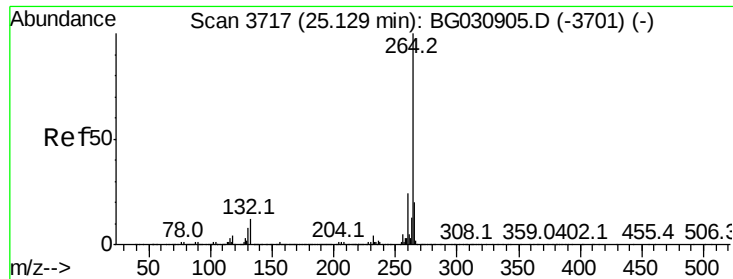


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3706
 Delta R.T. -0.00 min
 Lab File: BG031375.D
 Acq: 6 Dec 2017 17:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	22.5	17.7	26.5

