

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120617\
 Data File : BG031374.D
 Acq On : 6 Dec 2017 17:05
 Operator : SJ/JU
 Sample : I6675-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 06 17:54:28 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	68415	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	295882	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	191948	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	486702	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	543755	20.00	ng	-0.02
86) Perylene-d12	25.07	264	503793	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	535539	134.23	ng	-0.02
7) Phenol-d6	7.30	99	632866	117.74	ng	0.00
23) Nitrobenzene-d5	9.30	82	454915	91.11	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	287941	92.73	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	1233937	92.37	ng	-0.03
78) Terphenyl-d14	20.08	244	2150241	87.32	ng	-0.01

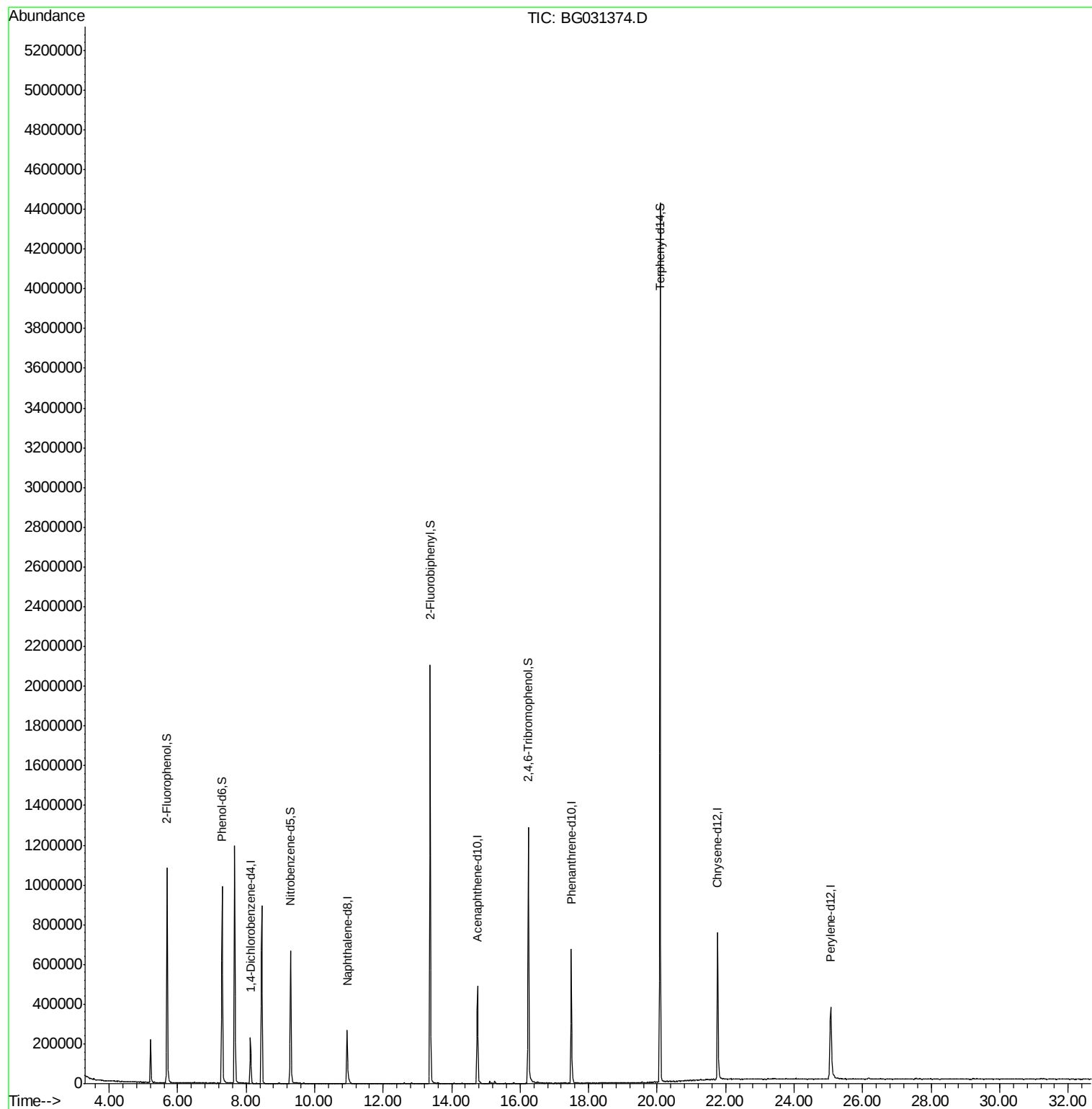
Target Compounds Qvalue

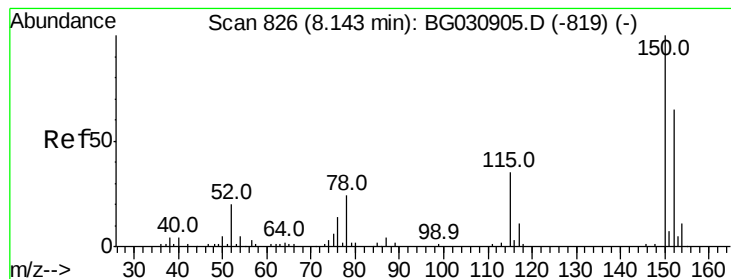
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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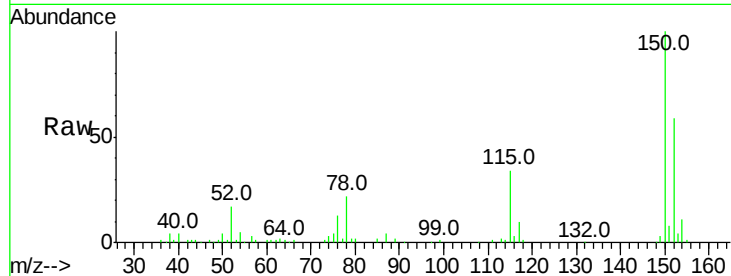


#1

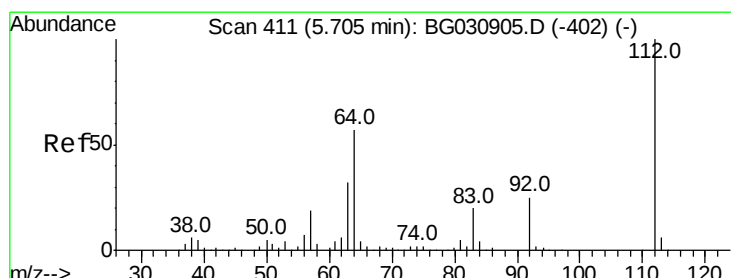
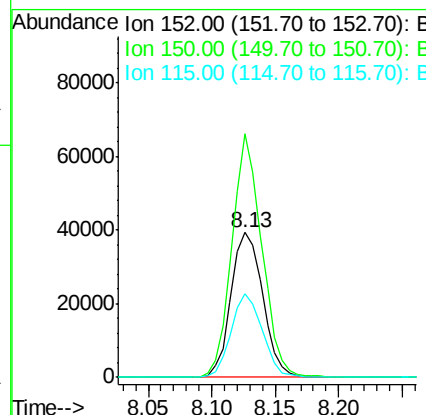
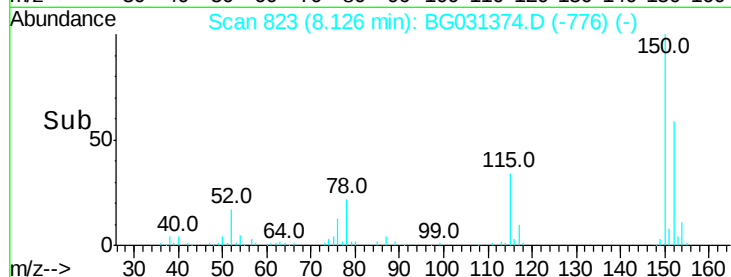
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BG031374.D
 Acq: 6 Dec 2017 17:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 68415
 Ion Ratio Lower Upper
 152 100
 150 168.1 126.6 189.8
 115 57.8 53.0 79.4



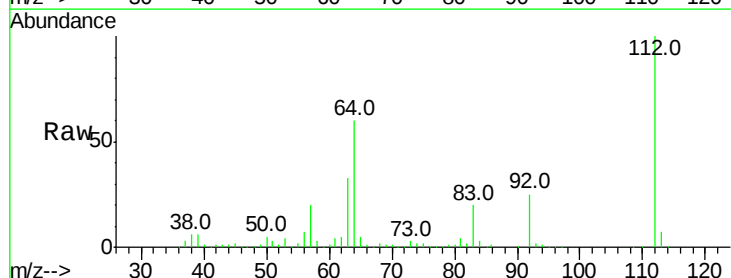
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



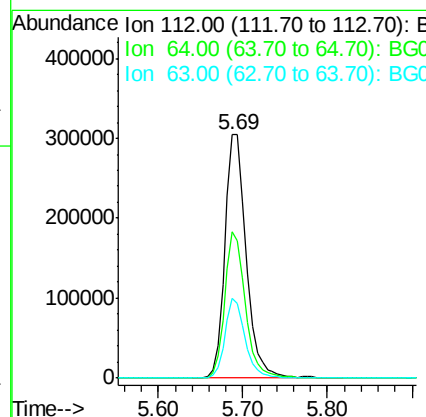
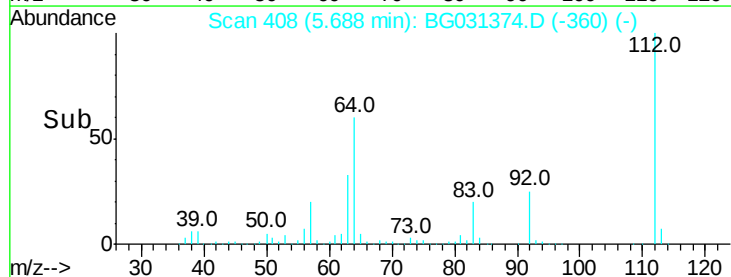
#5

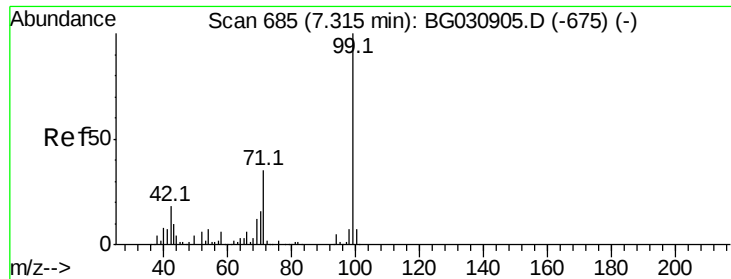
2-Fluorophenol
 Concen: 134.228 ng
 RT: 5.69 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: BG031374.D
 Acq: 6 Dec 2017 17:05

Tgt Ion:112 Resp: 535539
 Ion Ratio Lower Upper
 112 100
 64 60.2 56.3 84.5
 63 32.5 30.1 45.1



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





#7

Phenol-d6

Concen: 117.741 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031374.D

Acq: 6 Dec 2017 17:05

Instrument :

BNA_G

ClientSampleId :

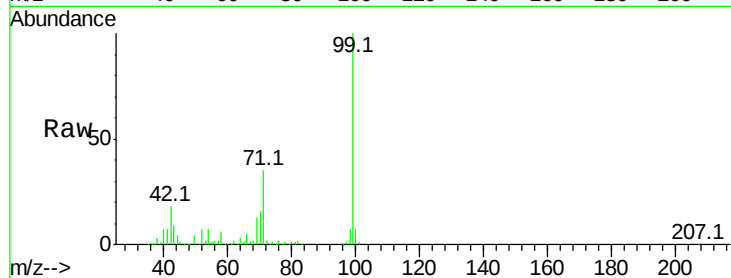
Tot Ion: 99 Resp: 632866

Ion Ratio Lower Upper

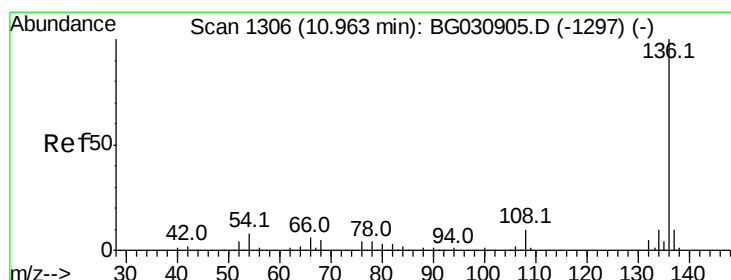
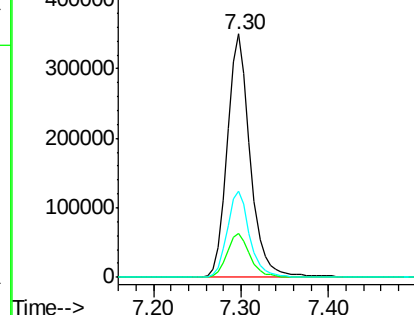
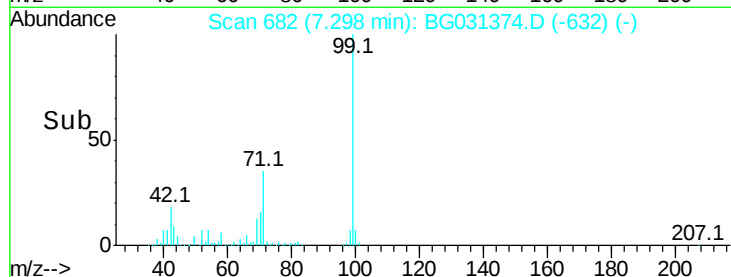
99 100

42 17.9 14.1 21.1

71 35.2 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. -0.02 min

Lab File: BG031374.D

Acq: 6 Dec 2017 17:05

Tgt Ion: 136 Resp: 295882

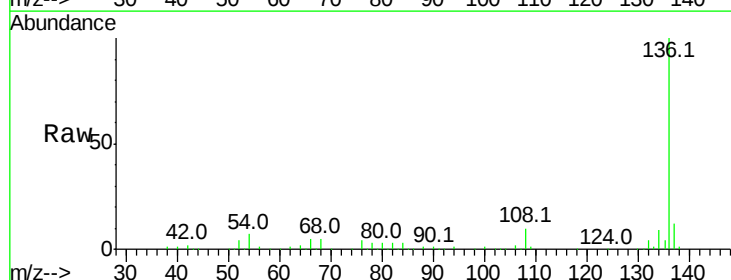
Ion Ratio Lower Upper

136 100

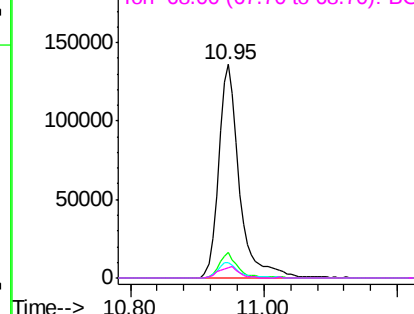
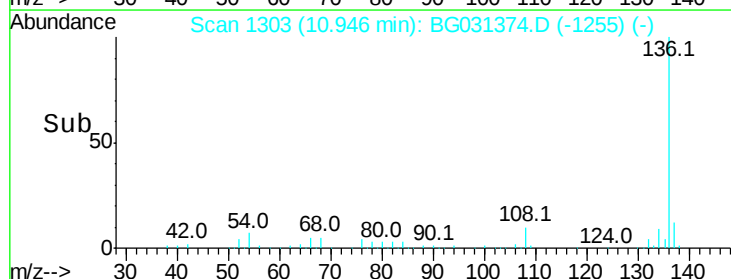
137 12.0 9.2 13.8

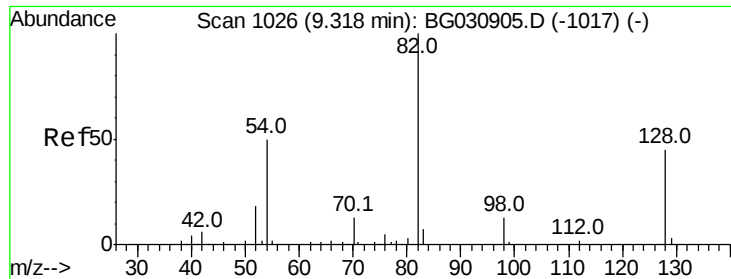
54 7.0 10.3 15.5#

68 4.8 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

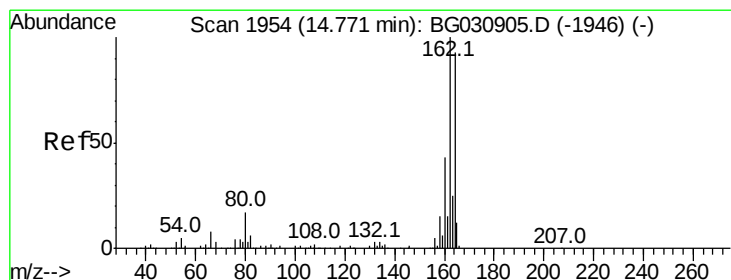
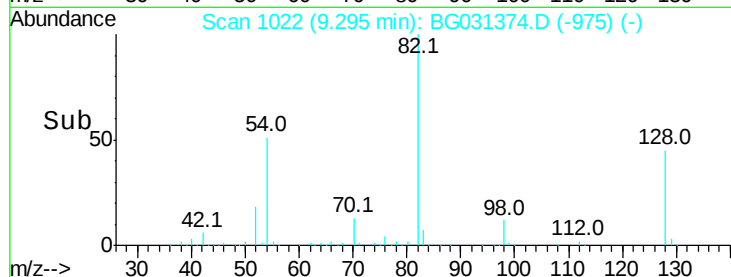
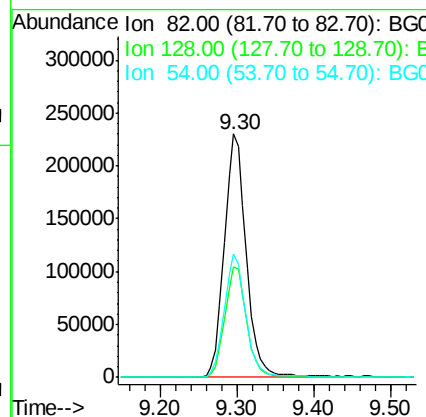
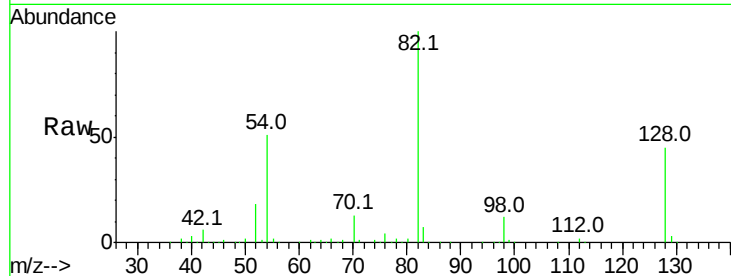




#23
 Nitrobenzene-d5
 Concen: 91.106 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BG031374.D
 Acq: 6 Dec 2017 17:05

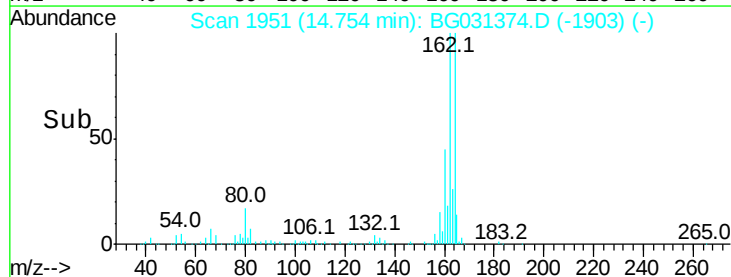
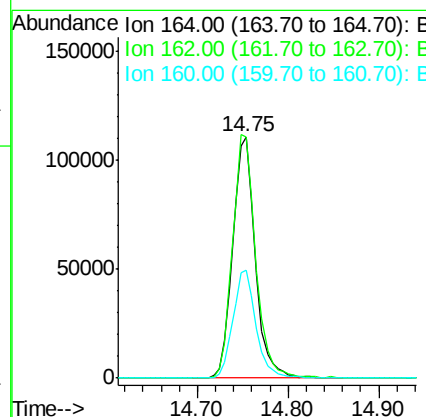
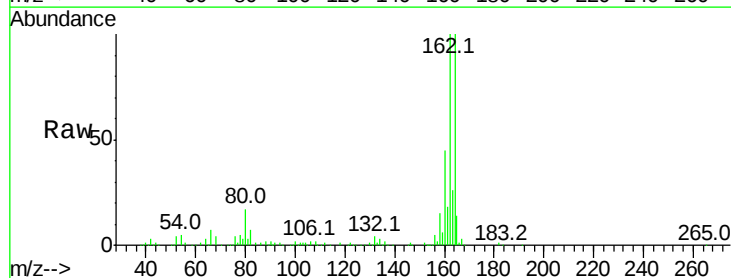
Instrument :
 BNA_G
 ClientSampleId :

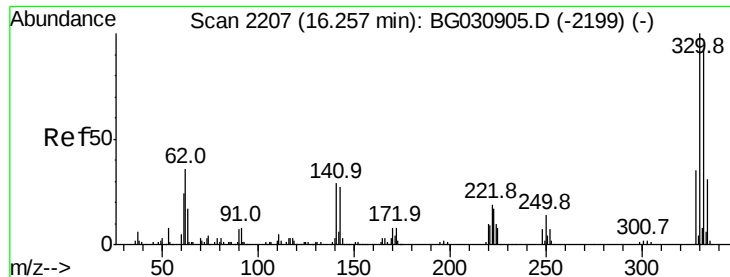
Tot Ion: 82 Resp: 454915
 Ion Ratio Lower Upper
 82 100
 128 45.2 29.7 44.5#
 54 50.8 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031374.D
 Acq: 6 Dec 2017 17:05

Tgt Ion:164 Resp: 191948
 Ion Ratio Lower Upper
 164 100
 162 99.9 78.8 118.2
 160 44.7 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 92.732 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG031374.D

Acq: 6 Dec 2017 17:05

Instrument :

BNA_G

ClientSampleId :

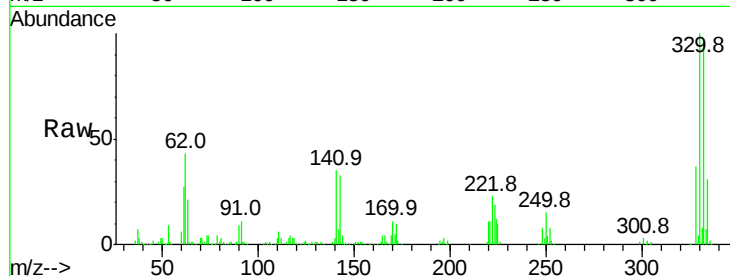
Tot Ion:330 Resp: 287941

Ion Ratio Lower Upper

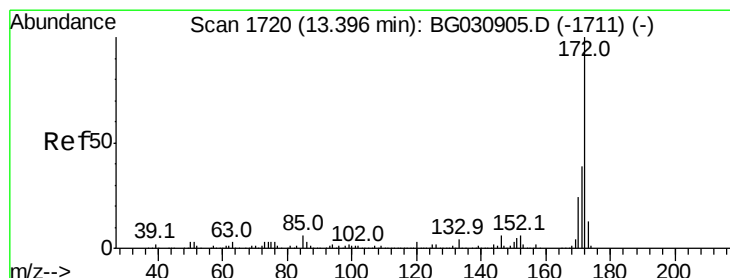
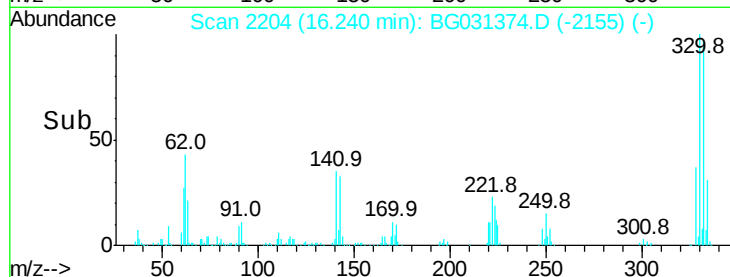
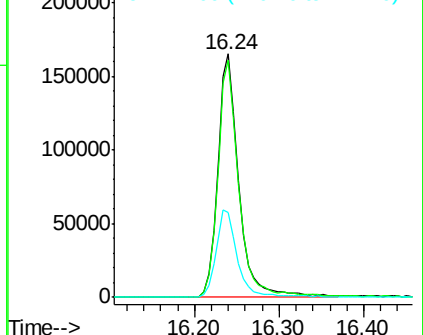
330 100

332 97.0 77.0 115.6

141 36.0 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: 92.370 ng

RT: 13.37 min Scan# 1716

Delta R.T. -0.03 min

Lab File: BG031374.D

Acq: 6 Dec 2017 17:05

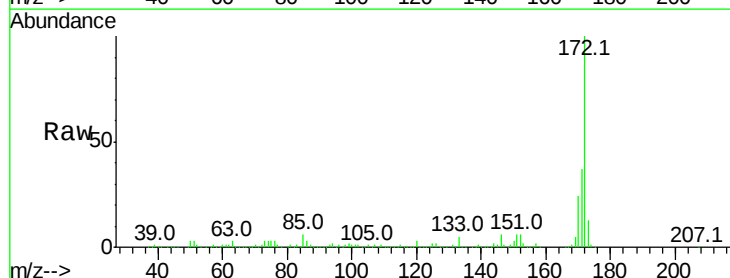
Tgt Ion:172 Resp: 1233937

Ion Ratio Lower Upper

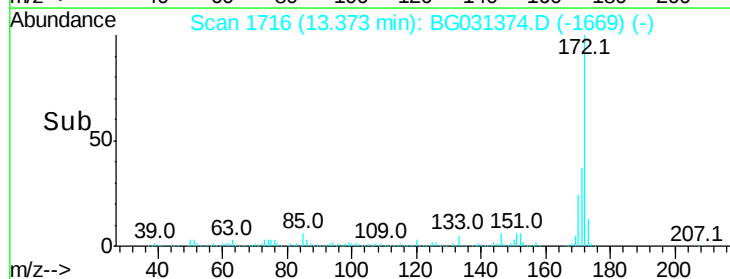
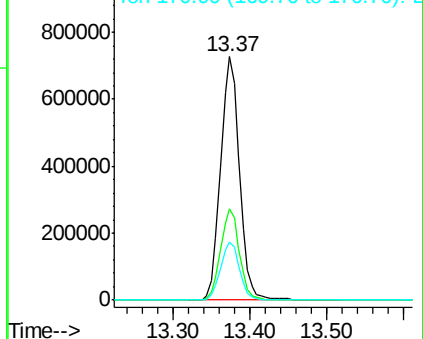
172 100

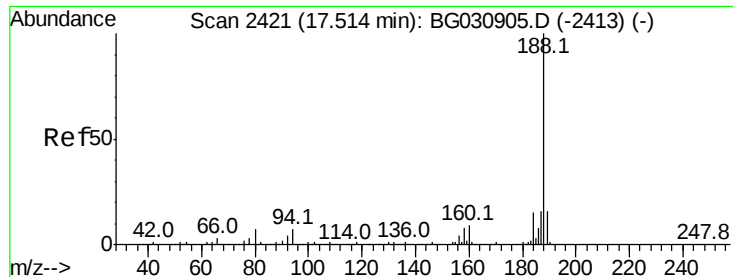
171 37.5 30.0 45.0

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

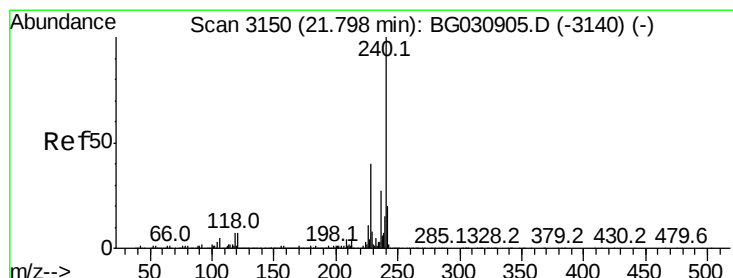
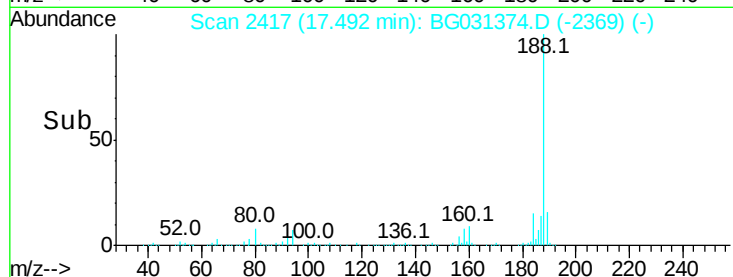
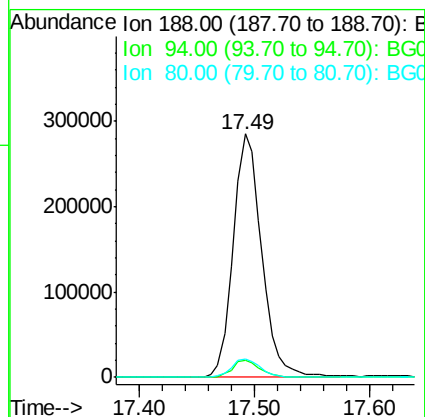
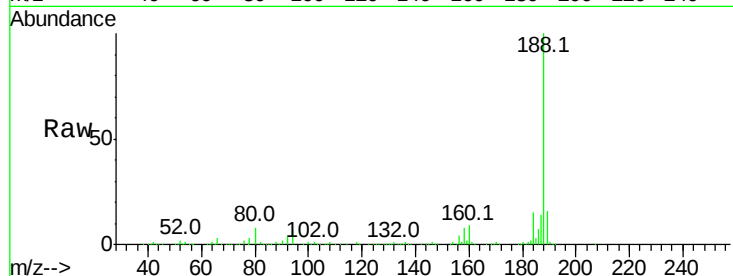




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031374.D
Acq: 6 Dec 2017 17:05

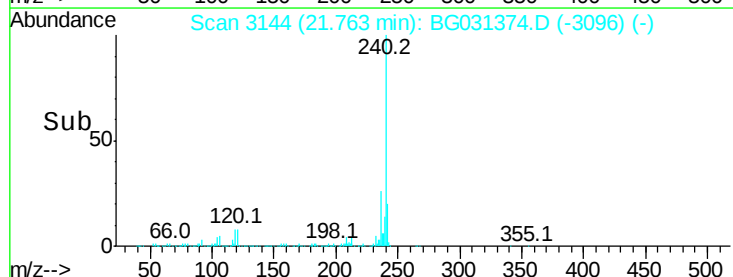
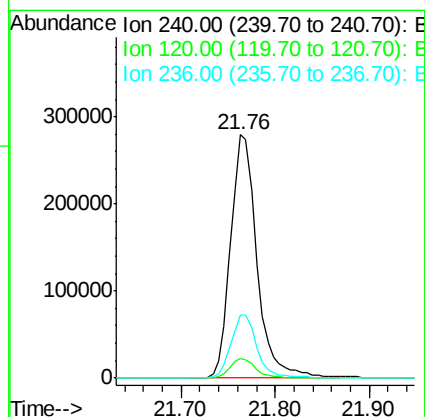
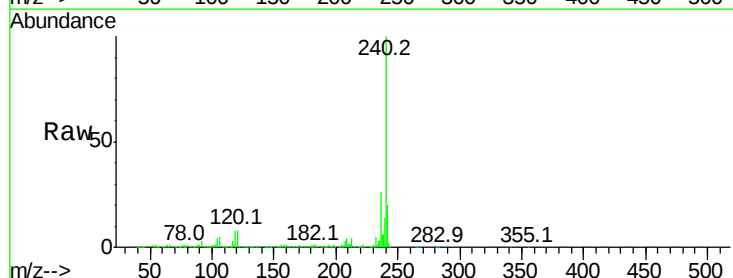
Instrument :
BNA_G
ClientSampleId :

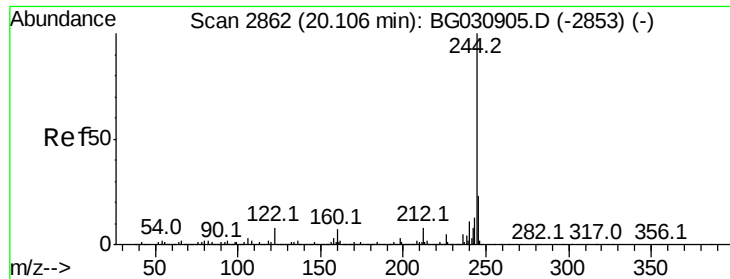
Tot Ion:188 Resp: 486702
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 7.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031374.D
Acq: 6 Dec 2017 17:05

Tgt Ion:240 Resp: 543755
Ion Ratio Lower Upper
240 100
120 8.0 6.8 10.2
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 87.317 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031374.D

Acq: 6 Dec 2017 17:05

Instrument :

BNA_G

ClientSampleId :

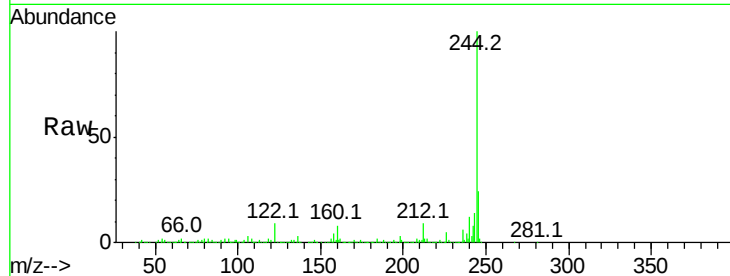
Tot Ion:244 Resp: 2150241

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

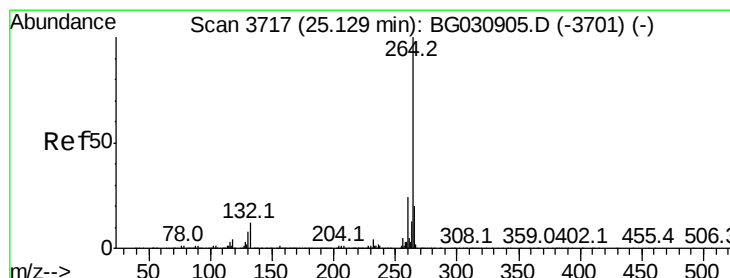
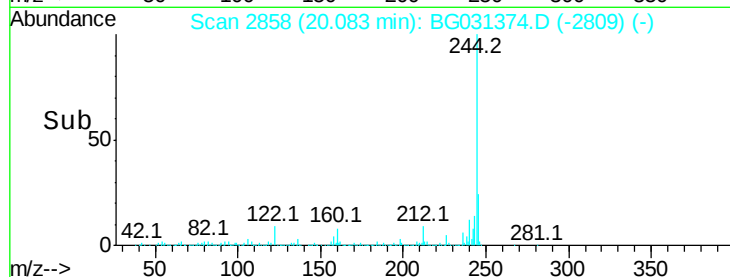
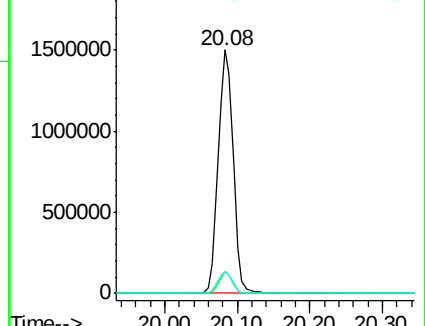
122 9.2 7.0 10.4



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. -0.02 min

Lab File: BG031374.D

Acq: 6 Dec 2017 17:05

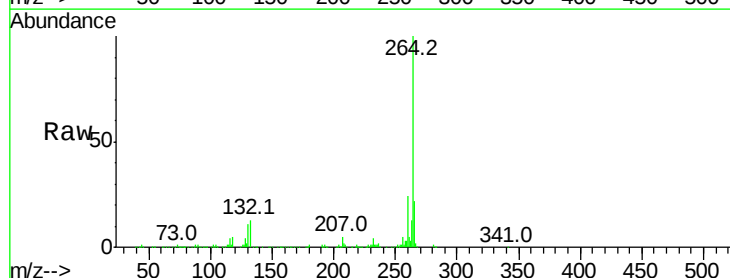
Tgt Ion:264 Resp: 503793

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 21.8 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

