

Data Path : Z:\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 :
 SU-04-120517

Quant Time: Dec 06 18:20:01 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	68415	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	295882	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	191948	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	486702	20.00	ng	0.00
75) Chrysene-d12	21.76	240	543755	20.00	ng	0.00
86) Perylene-d12	25.07	264	503793	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	535539	134.23	ng	0.00
7) Phenol-d6	7.30	99	632866	117.74	ng	0.00
23) Nitrobenzene-d5	9.30	82	454915	91.11	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	287941	92.73	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1233937	92.37	ng	0.00
78) Terphenyl-d14	20.08	244	2150241	87.32	ng	0.00

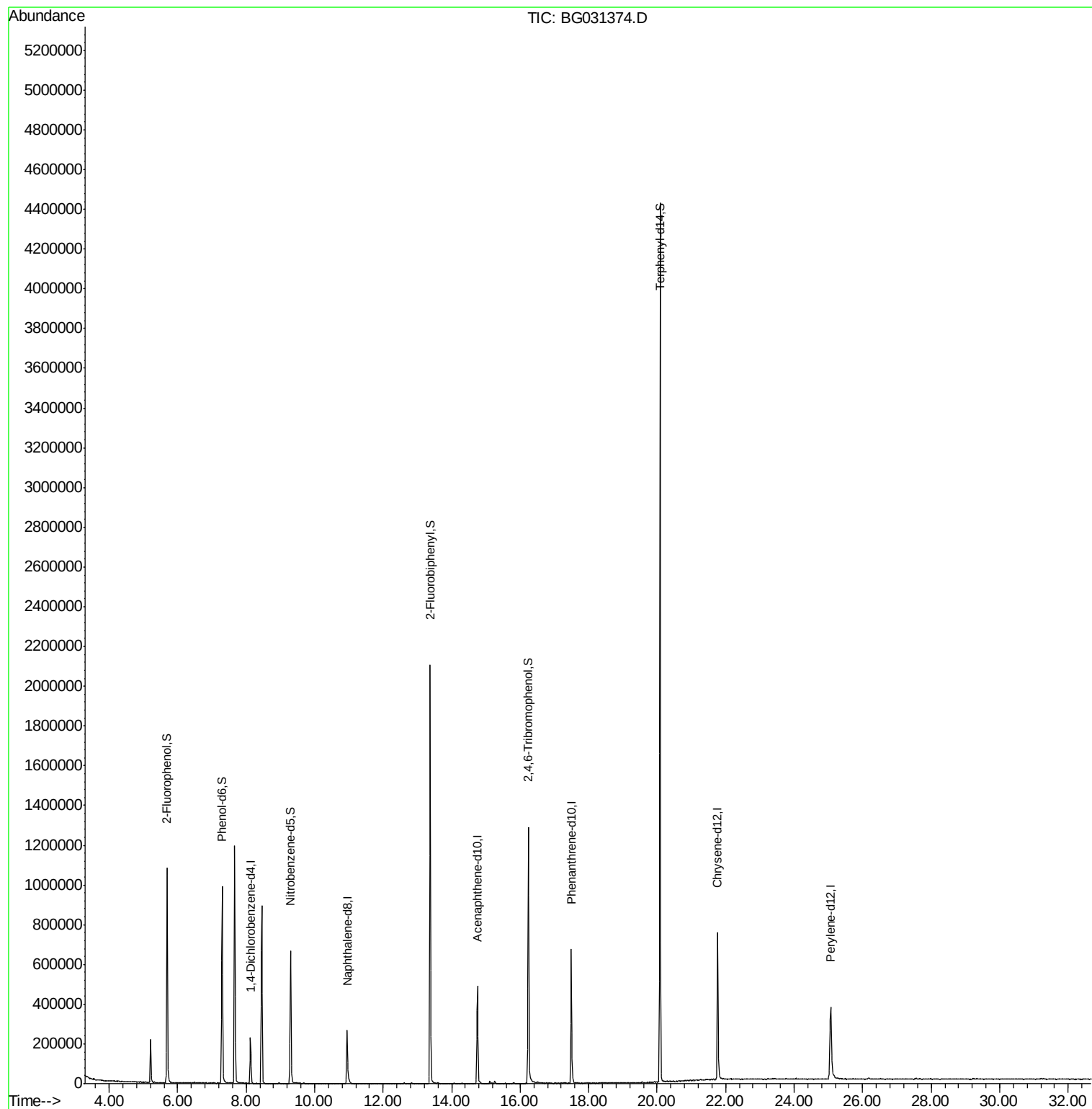
Target Compounds Qvalue

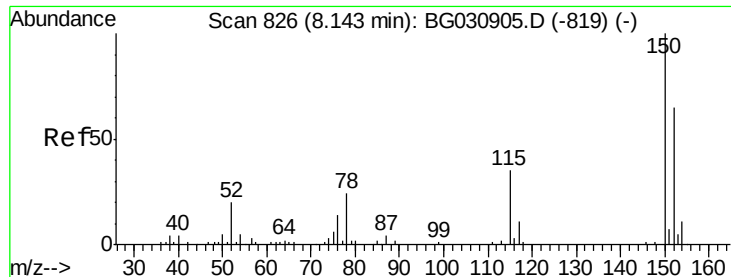
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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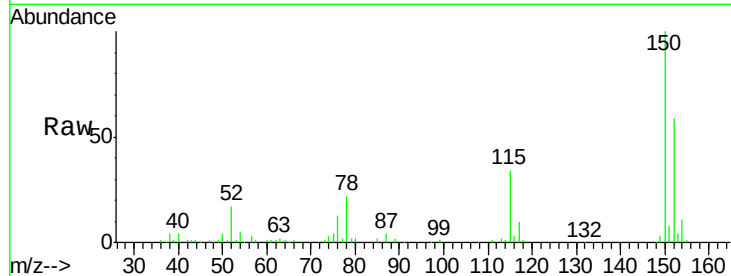


#1

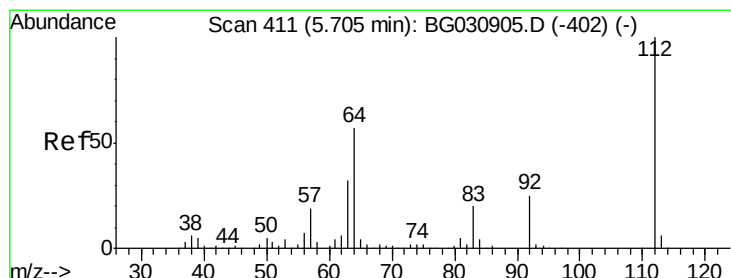
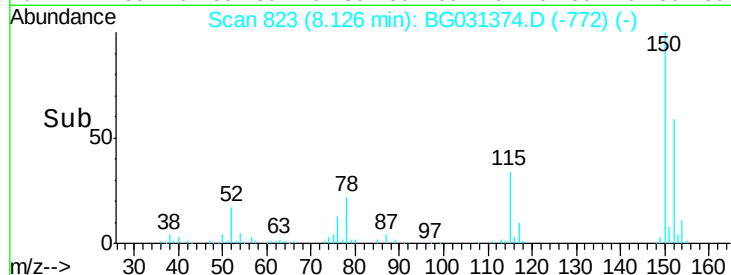
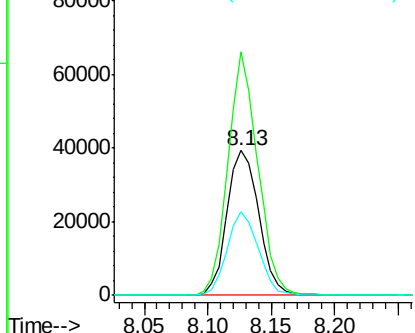
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031374.D
Acq: 6 Dec 2017 17:05

Instrument :
BNA_G
ClientSampleId :
SU-04-120517

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



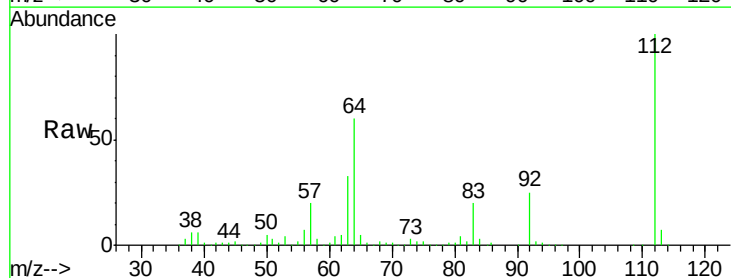
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



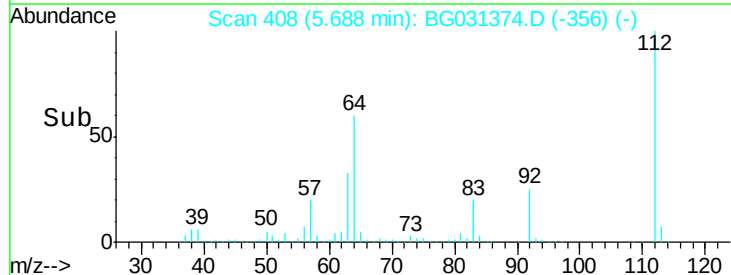
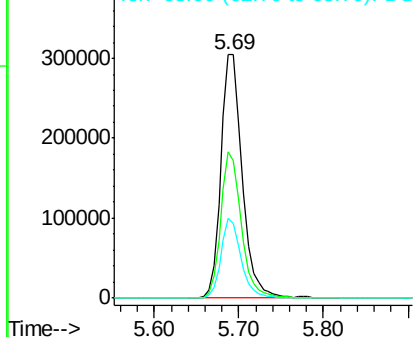
#5

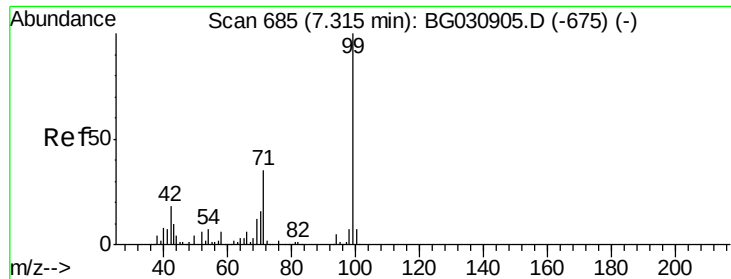
2-Fluorophenol
Concen: 134.228 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031374.D
Acq: 6 Dec 2017 17:05

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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 117.741 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031374.D

Acq: 6 Dec 2017 17:05

Instrument :

BNA_G

ClientSampleId :

SU-04-120517

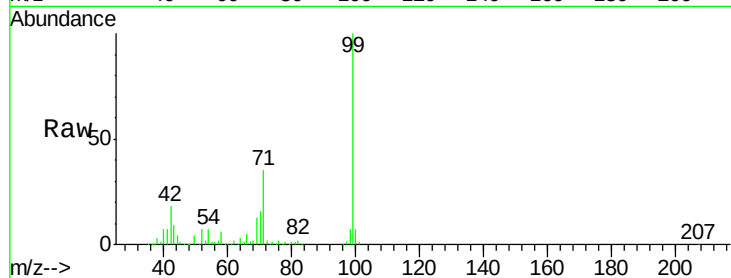
Tot Ion: 99 Resp: 632866

Ion Ratio Lower Upper

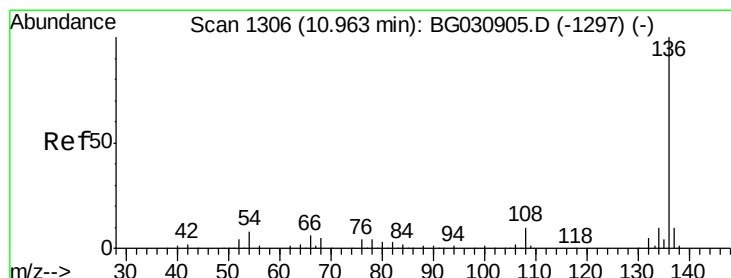
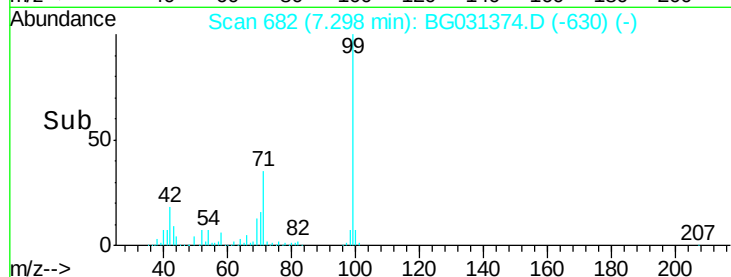
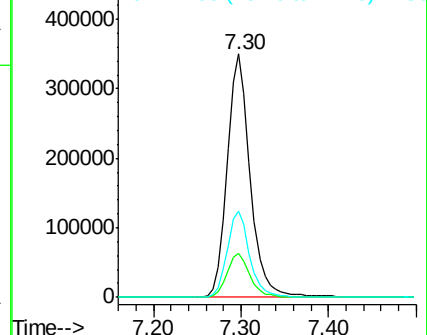
99 100

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. 0.00 min

Lab File: BG031374.D

Acq: 6 Dec 2017 17:05

Tgt Ion: 136 Resp: 295882

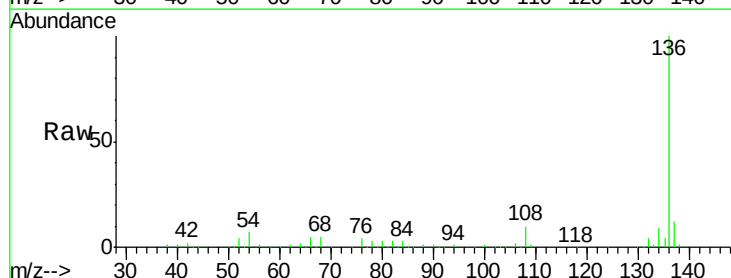
Ion Ratio Lower Upper

136 100

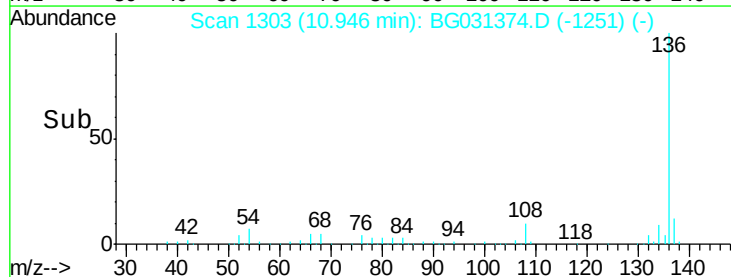
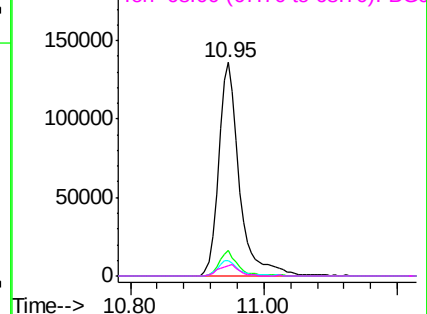
137 12.0 9.2 13.8

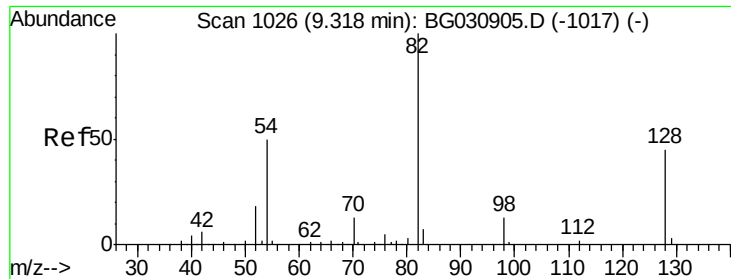
54 7.0 10.3 15.5#

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

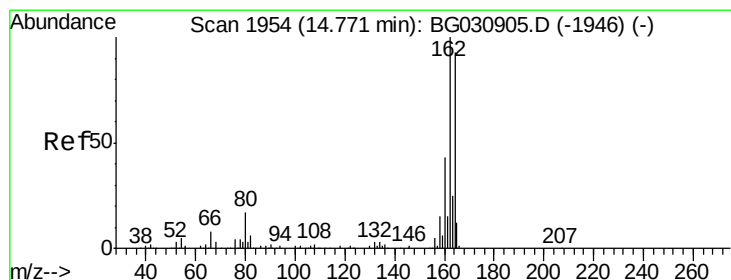
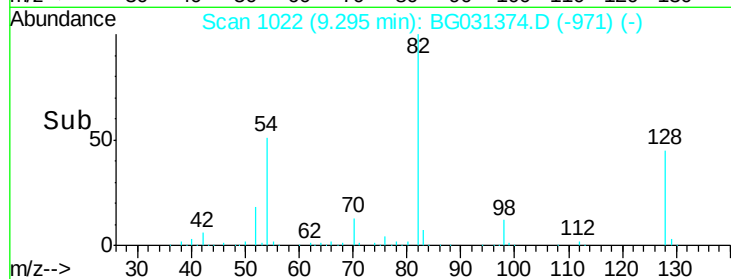
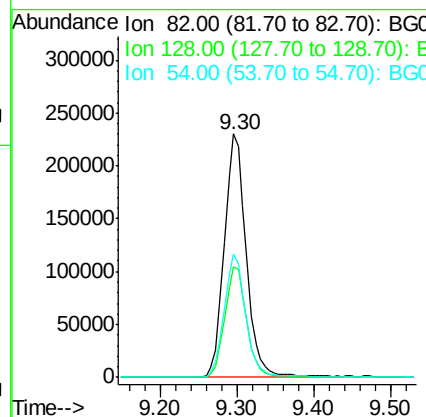
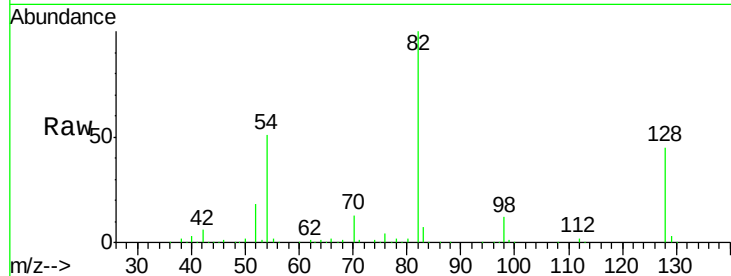




#23
 Nitrobenzene-d5
 Concen: 91.106 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG031374.D
 Acq: 6 Dec 2017 17:05

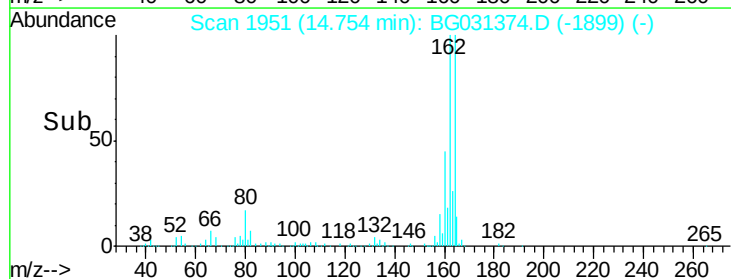
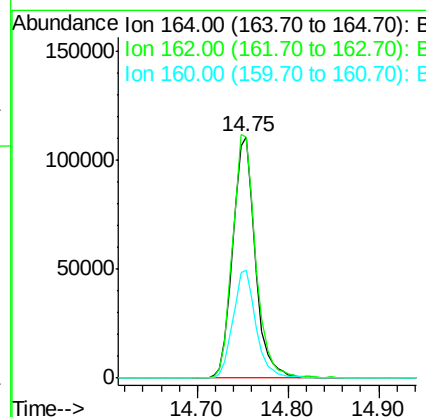
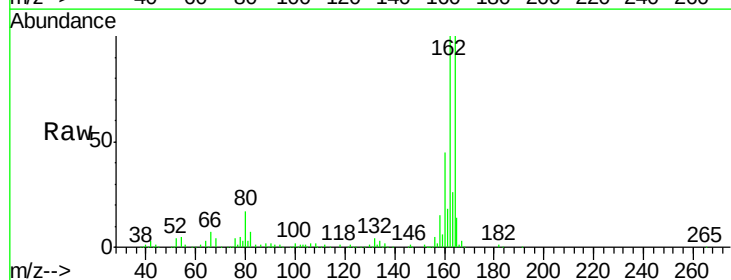
Instrument :
 BNA_G
 ClientSampleId :
 SU-04-120517

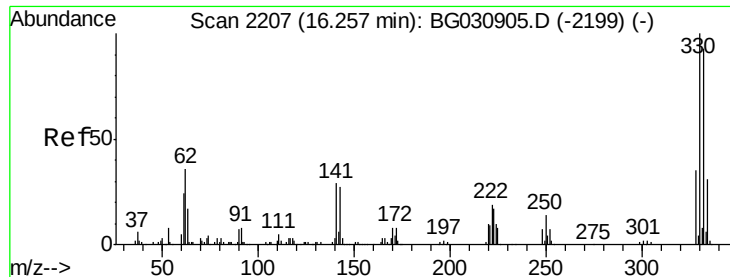
Tot Ion	82	Resp	454915
Ion Ratio	100		
Lower	29.7		
Upper	44.5		
128	45.2		
54	50.8		
	43.1		
	64.7		



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BG031374.D
 Acq: 6 Dec 2017 17:05

Tgt Ion	164	Resp	191948
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>78.8</td> <td></td> <td></td>	78.8		
Upper <td>118.2</td> <td></td> <td></td>	118.2		
162	99.9		
160	44.7		
	35.4		
	53.0		

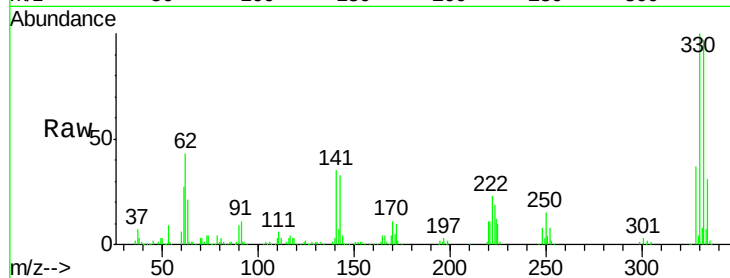




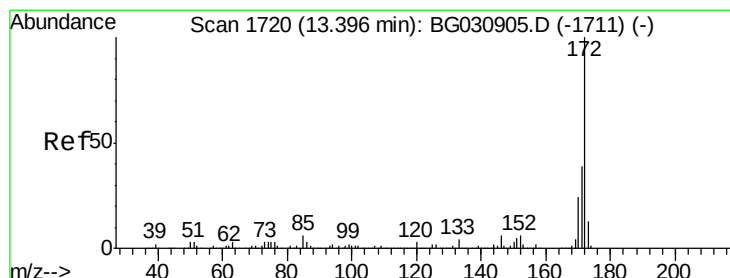
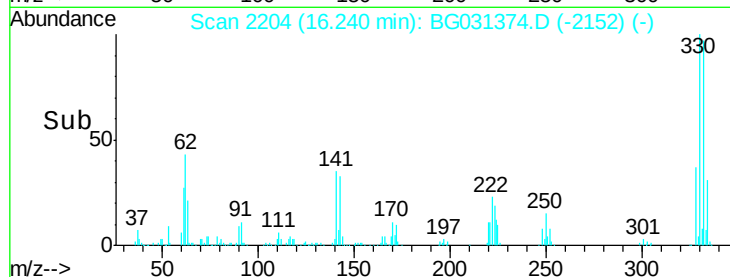
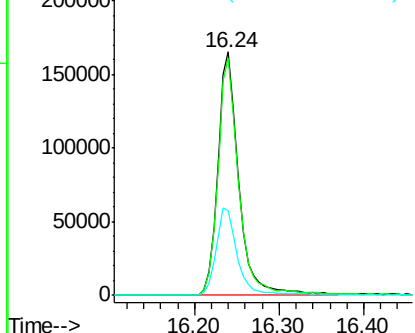
#41
 2,4,6-Tribromophenol
 Concen: 92.732 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031374.D
 Acq: 6 Dec 2017 17:05

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-120517

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

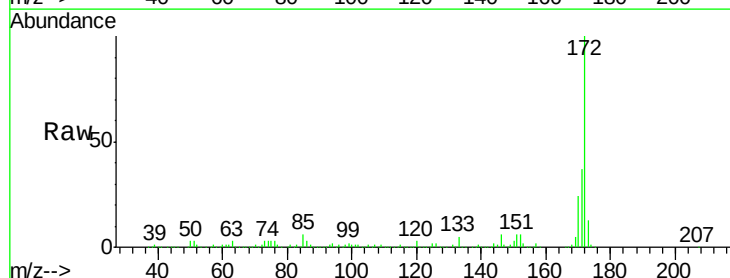


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

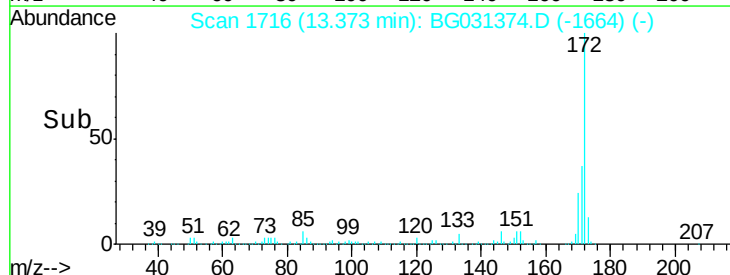
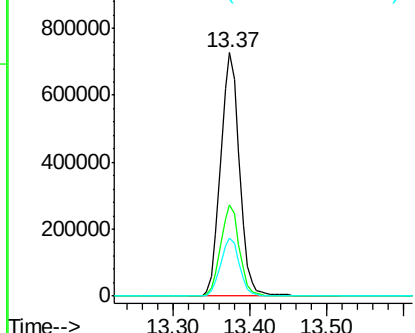


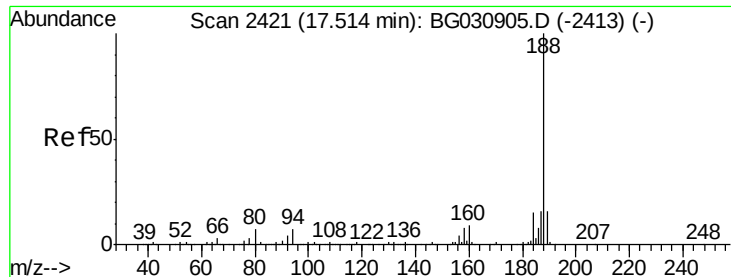
#44
 2-Fluorobiphenyl
 Concen: 92.370 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031374.D
 Acq: 6 Dec 2017 17:05

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. -0.00 min

Lab File: BG031374.D

Acq: 6 Dec 2017 17:05

Instrument :

BNA_G

ClientSampleId :

SU-04-120517

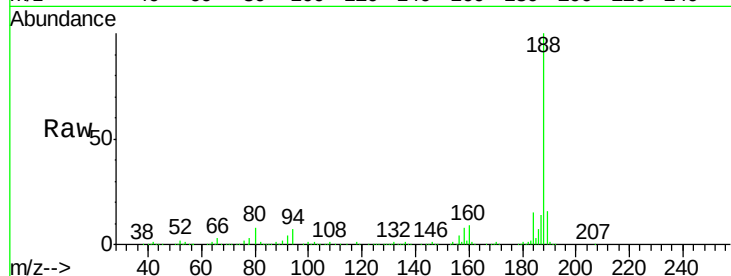
Tot Ion:188 Resp: 486702

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

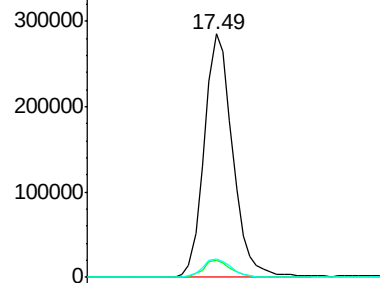
80 7.6 7.7 11.5#



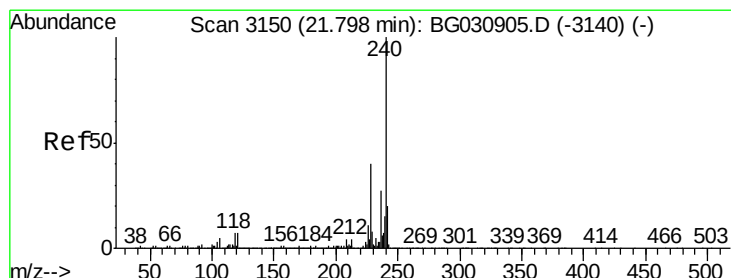
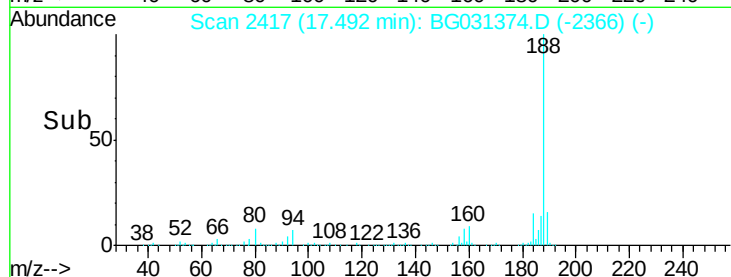
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG031374.D

Acq: 6 Dec 2017 17:05

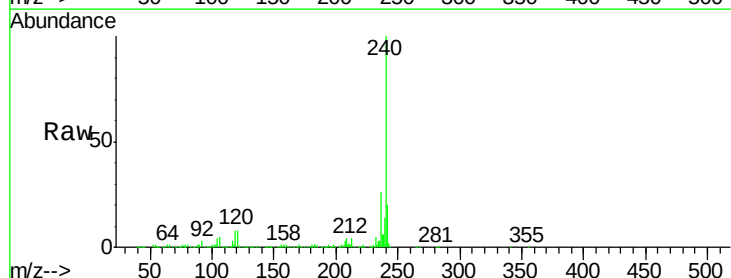
Tgt Ion:240 Resp: 543755

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

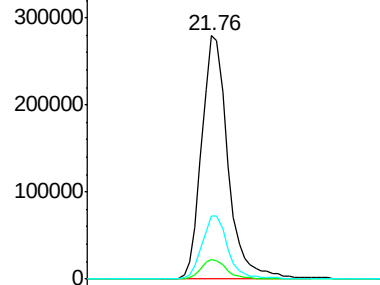
236 26.1 20.9 31.3



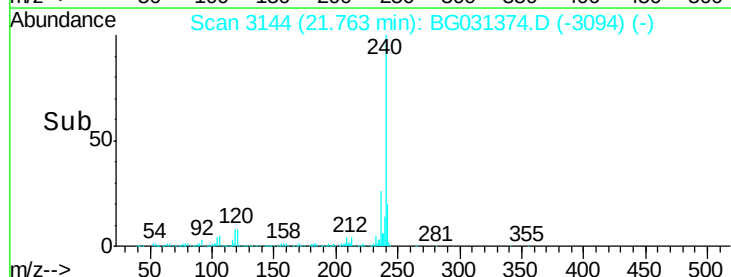
Abundance Ion 240.00 (239.70 to 240.70): E

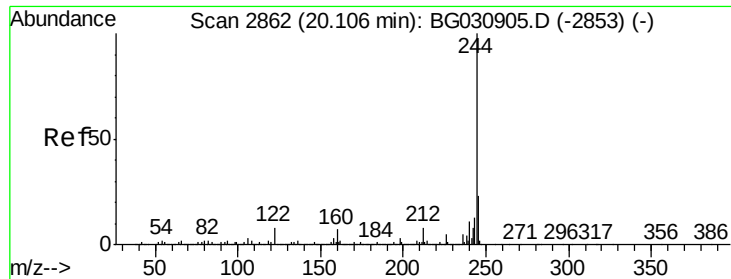
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 87.317 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031374.D

Acq: 6 Dec 2017 17:05

Instrument :

BNA_G

ClientSampleId :

SU-04-120517

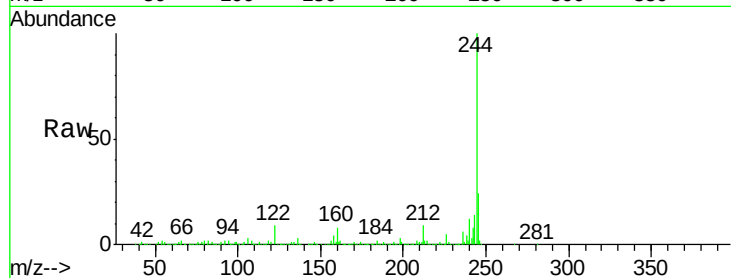
Tot Ion:244 Resp: 2150241

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

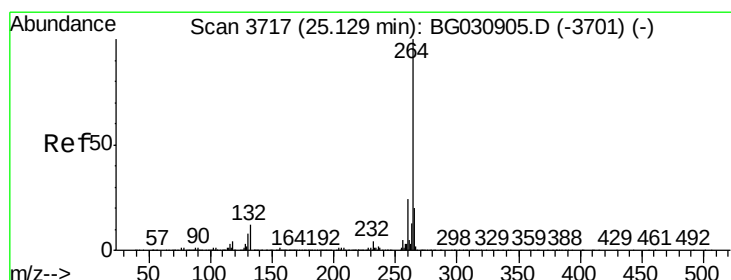
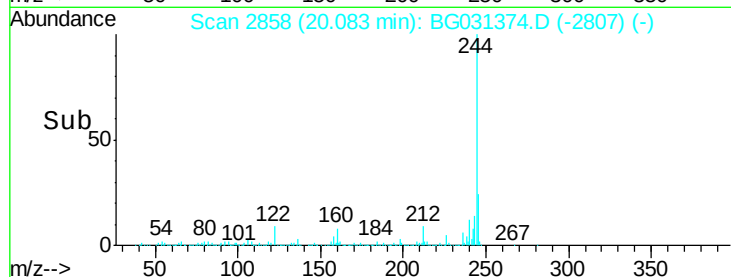
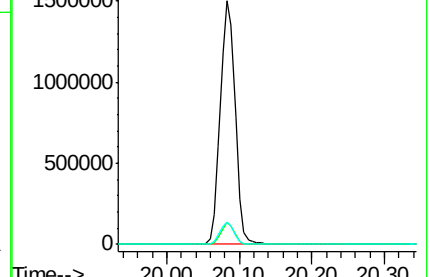
122 9.2 7.0 10.4



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. 0.00 min

Lab File: BG031374.D

Acq: 6 Dec 2017 17:05

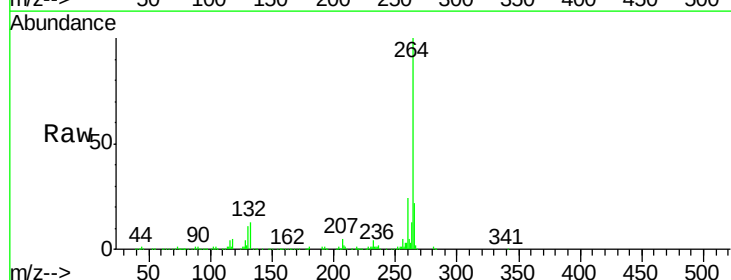
Tgt Ion:264 Resp: 503793

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

