

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120817\
 Data File : BG031421.D
 Acq On : 8 Dec 2017 13:34
 Operator : SJ/JU
 Sample : I6717-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 08 16:28:49 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

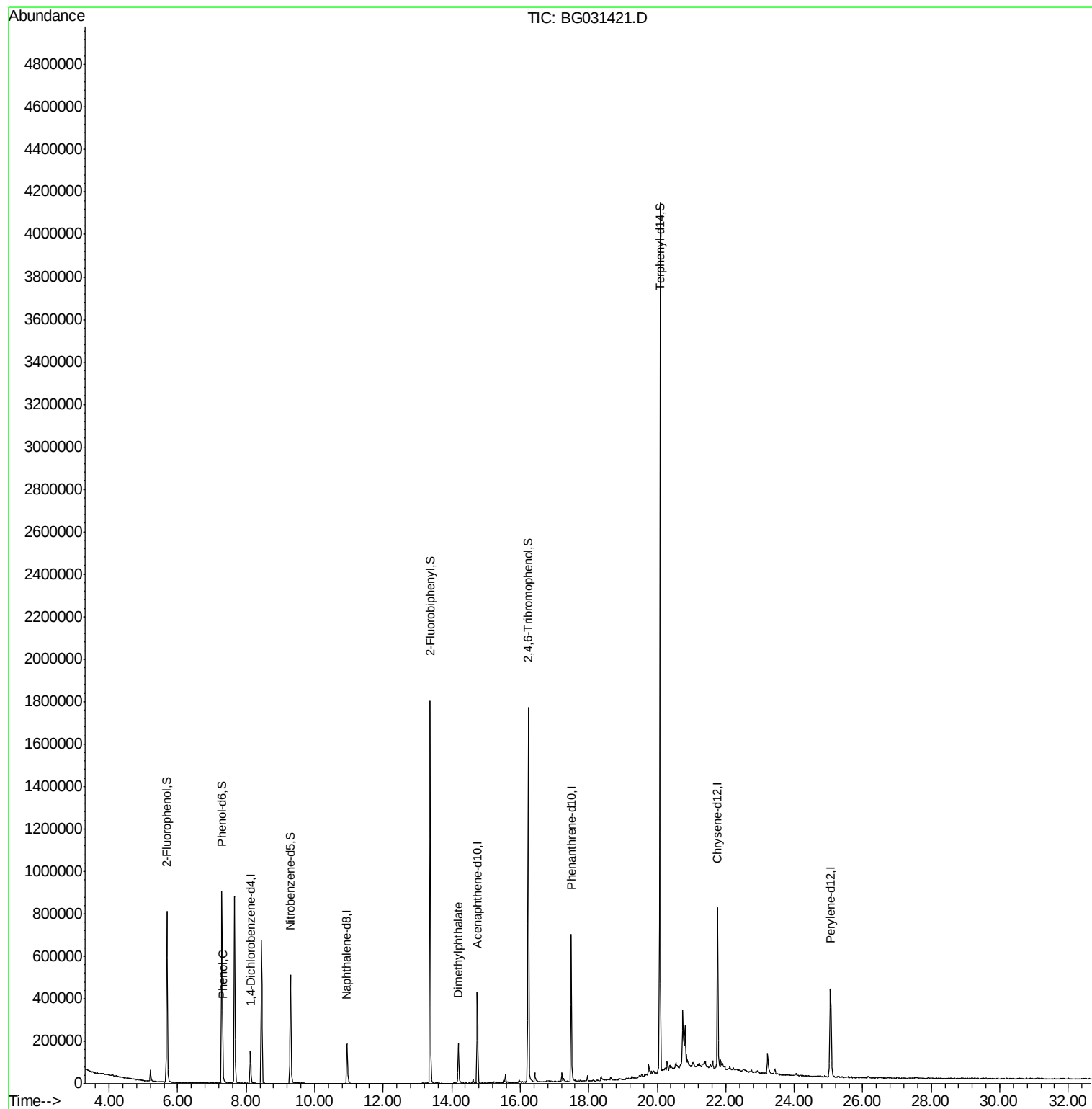
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	44257	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	203967	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	158536	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	455940	20.00	ng	0.00
75) Chrysene-d12	21.76	240	504145	20.00	ng	0.00
86) Perylene-d12	25.06	264	500632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	405070	156.95	ng	0.00
7) Phenol-d6	7.29	99	564381	162.31	ng	0.00
23) Nitrobenzene-d5	9.29	82	348235	101.17	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	340170	132.64	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1030440	93.39	ng	0.00
78) Terphenyl-d14	20.08	244	1958165	85.77	ng	0.00
Target Compounds						
10) Phenol	7.32	94	14783	4.094	ng	85
49) Dimethylphthalate	14.19	163	159861	11.662	ng	99

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

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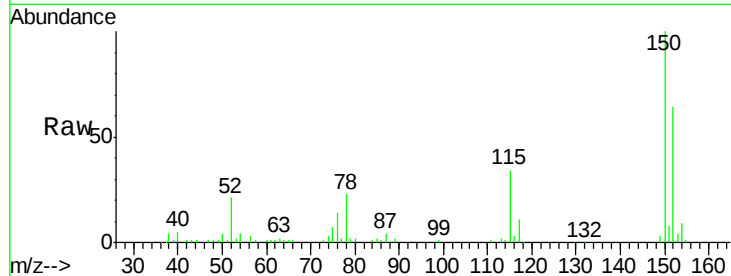


#1

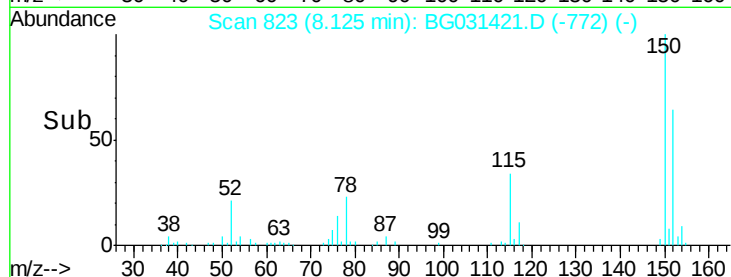
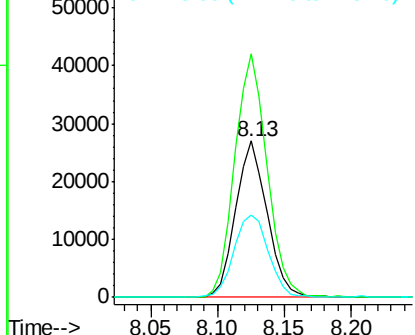
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031421.D
Acq: 8 Dec 2017 13:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 44257
Ion Ratio Lower Upper
152 100
150 155.7 126.6 189.8
115 52.2 53.0 79.4#



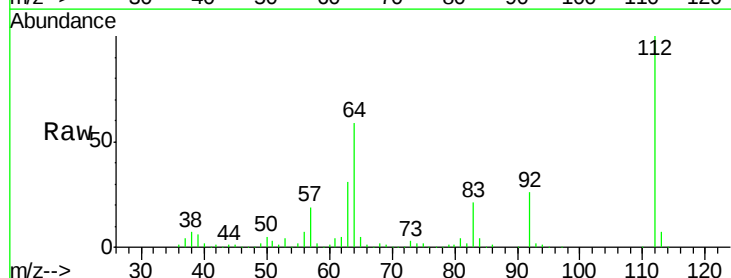
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



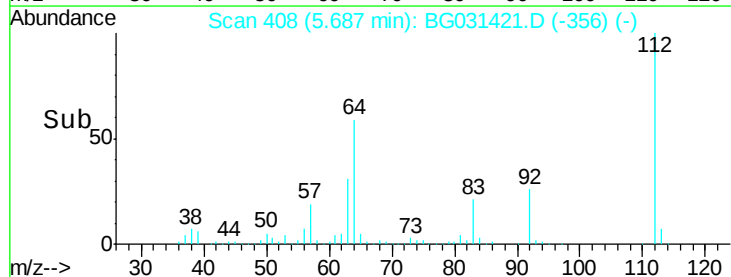
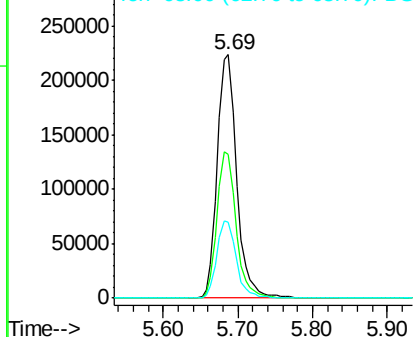
#5

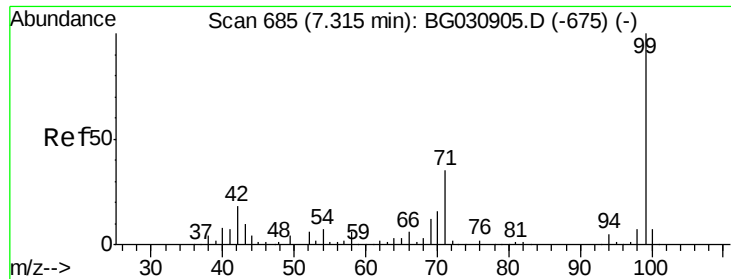
2-Fluorophenol
Concen: 156.946 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031421.D
Acq: 8 Dec 2017 13:34

Tgt Ion:112 Resp: 405070
Ion Ratio Lower Upper
112 100
64 59.0 56.3 84.5
63 31.3 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: 162.314 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG031421.D

Acq: 8 Dec 2017 13:34

Instrument :

BNA_G

ClientSampleId :

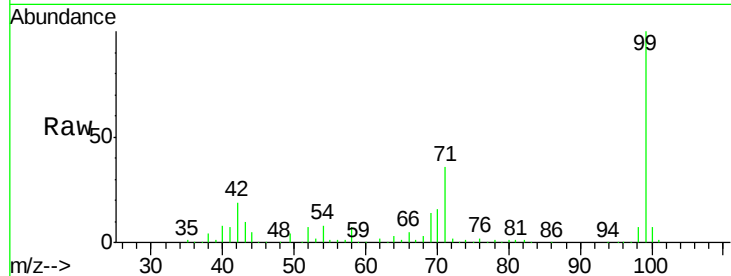
Tot Ion: 99 Resp: 564381

Ion Ratio Lower Upper

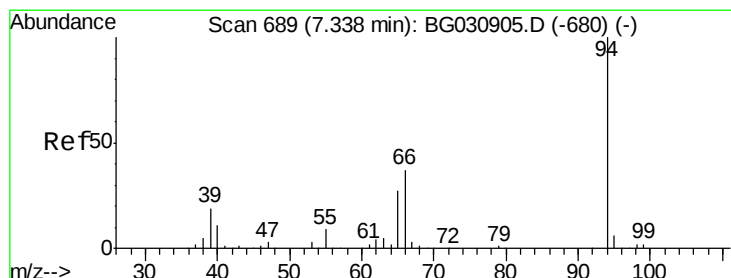
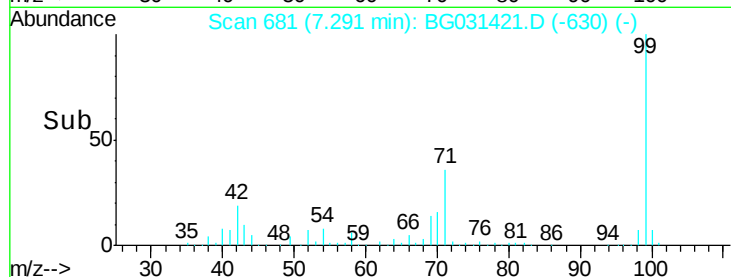
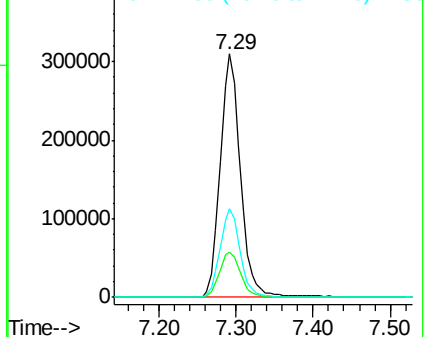
99 100

42 18.6 14.1 21.1

71 36.4 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



#10

Phenol

Concen: 4.094 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG031421.D

Acq: 8 Dec 2017 13:34

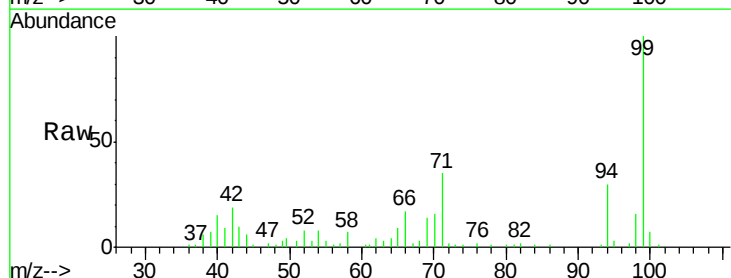
Tgt Ion: 94 Resp: 14783

Ion Ratio Lower Upper

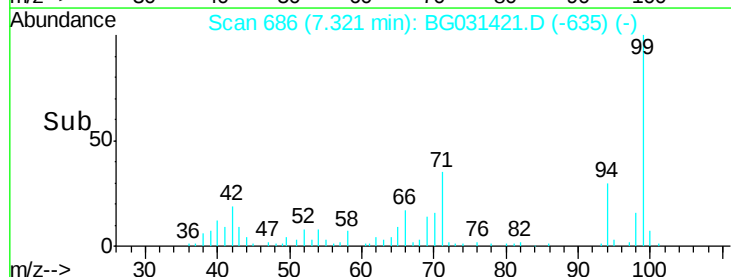
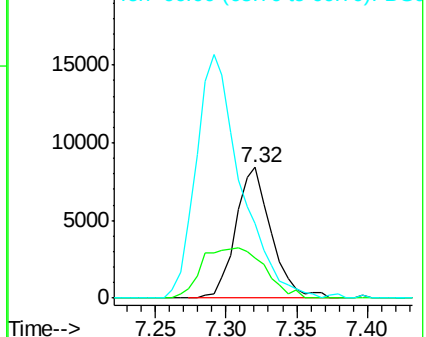
94 100

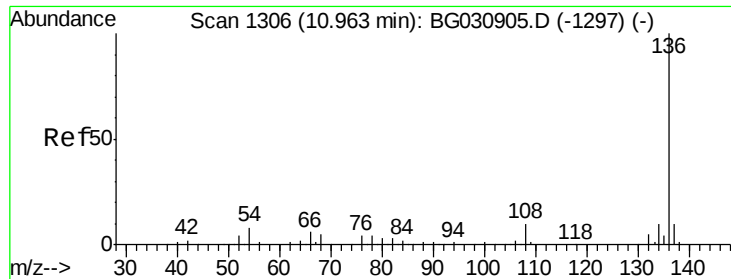
65 30.5 11.9 51.9

66 57.3 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

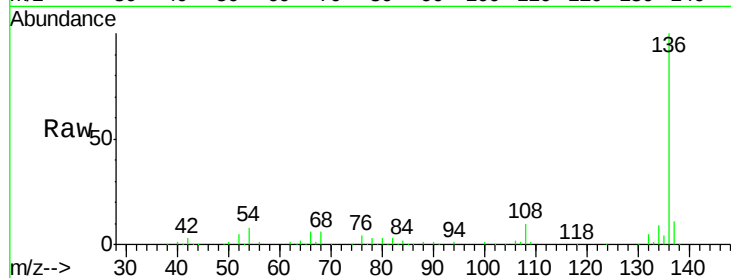




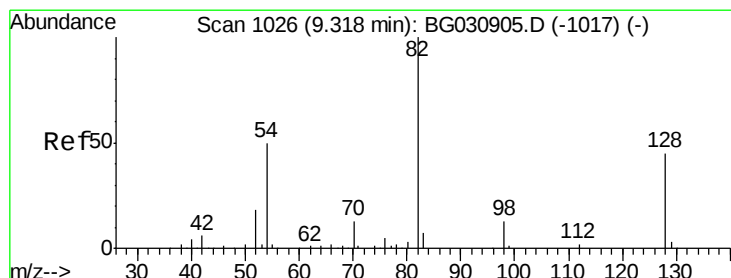
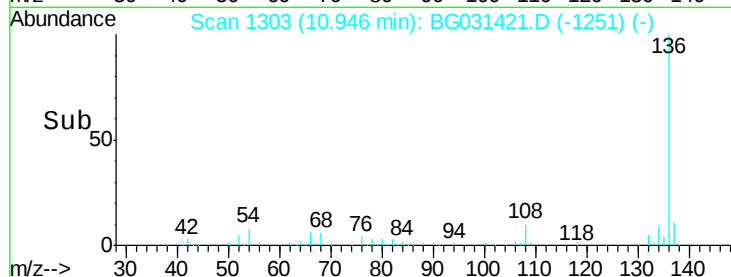
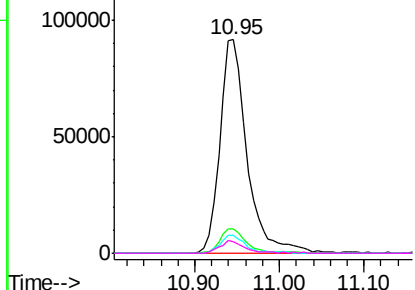
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG031421.D
Acq: 8 Dec 2017 13:34

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	203967
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.2 13.8
54	8.4	10.3 15.5
68	5.7	4.5 6.7

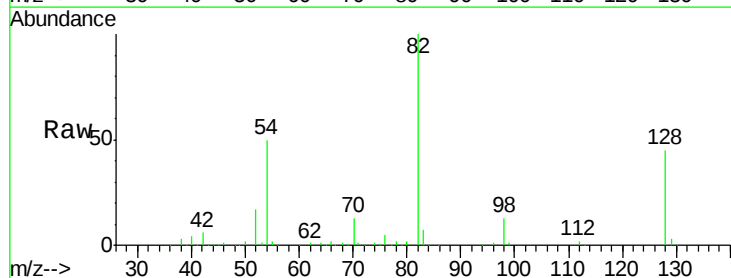


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

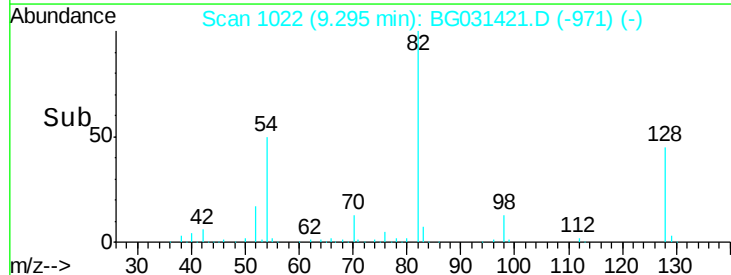
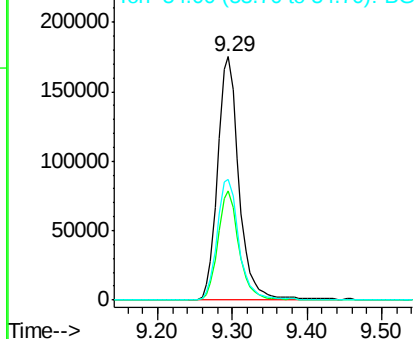


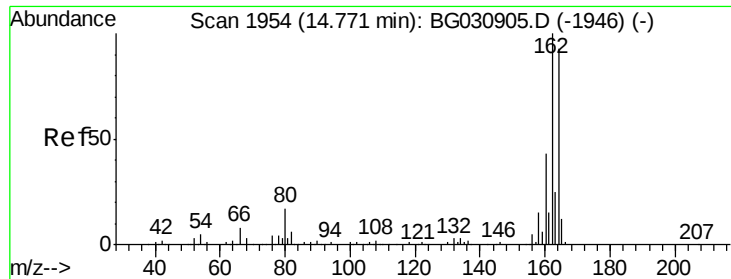
#23
Nitrobenzene-d5
Concen: 101.169 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG031421.D
Acq: 8 Dec 2017 13:34

Tgt Ion: 82	Resp:	348235
Ion Ratio	Lower	Upper
82	100	
128	44.9	29.7 44.5
54	49.5	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG031421.D

Acq: 8 Dec 2017 13:34

Instrument :

BNA_G

ClientSampleId :

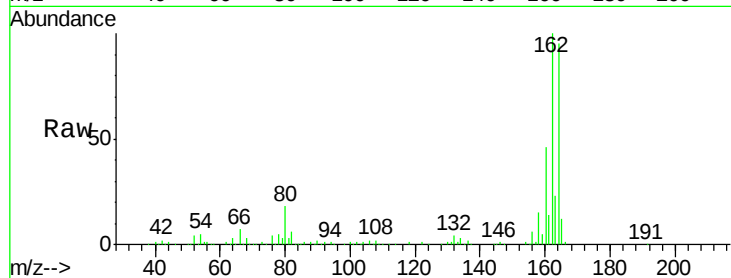
Tot Ion:164 Resp: 158536

Ion Ratio Lower Upper

164 100

162 104.8 78.8 118.2

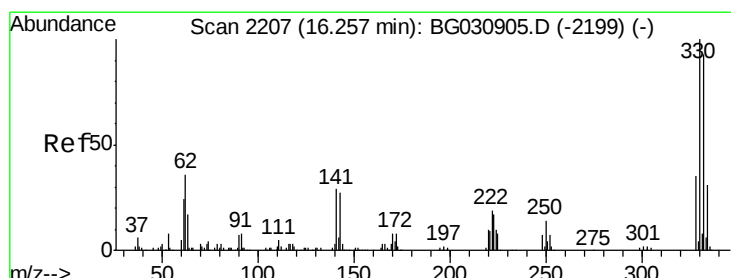
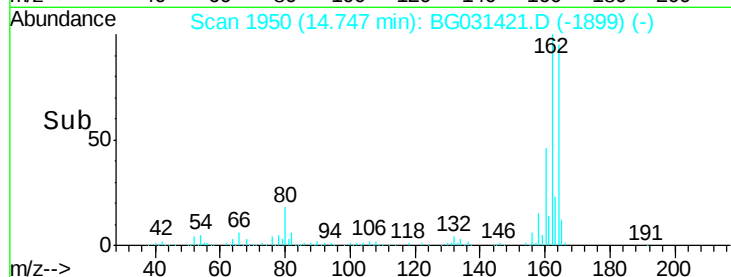
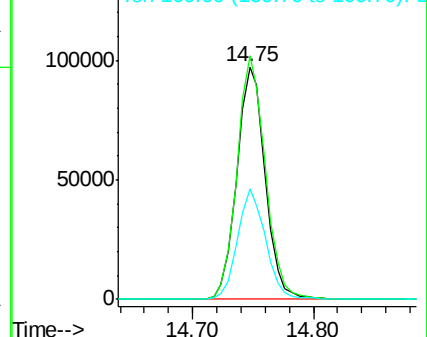
160 47.7 35.4 53.0



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: 132.641 ng

RT: 16.24 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG031421.D

Acq: 8 Dec 2017 13:34

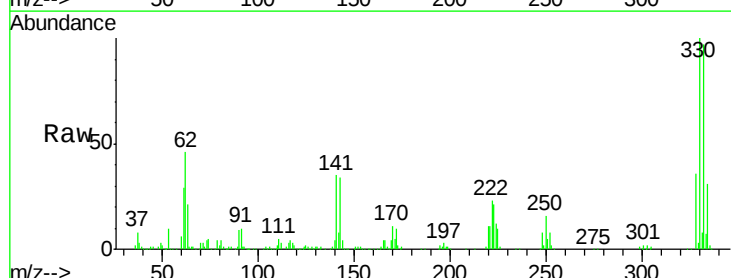
Tgt Ion:330 Resp: 340170

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

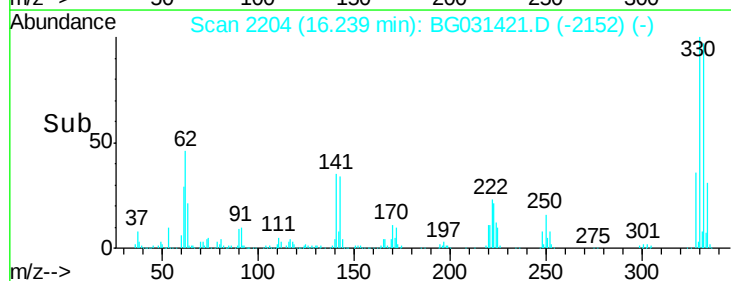
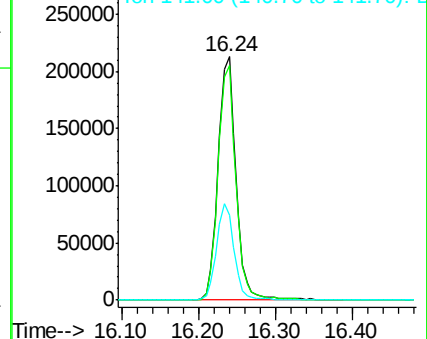
141 38.9 25.2 37.8#

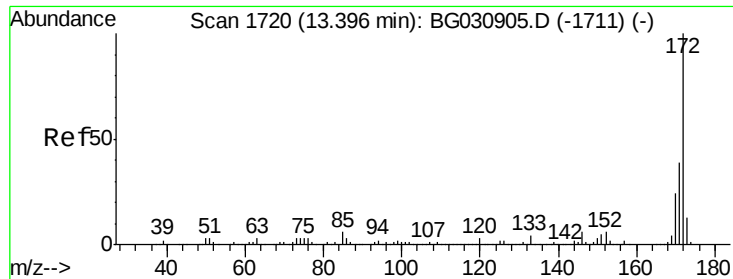


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

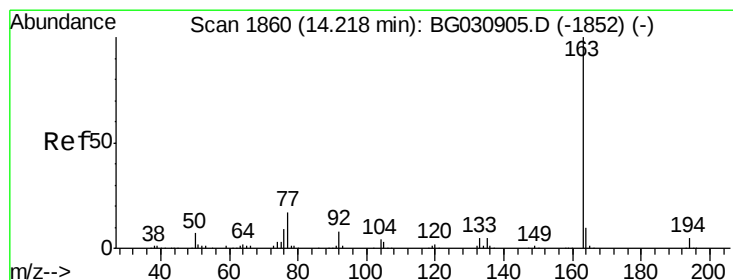
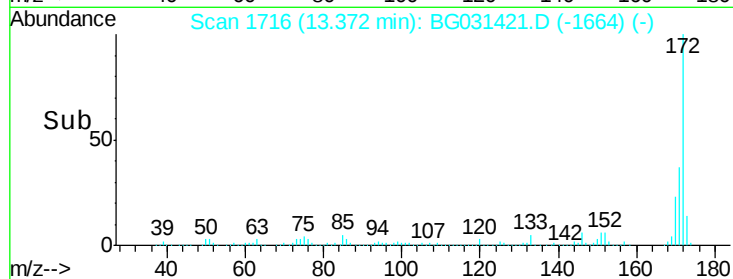
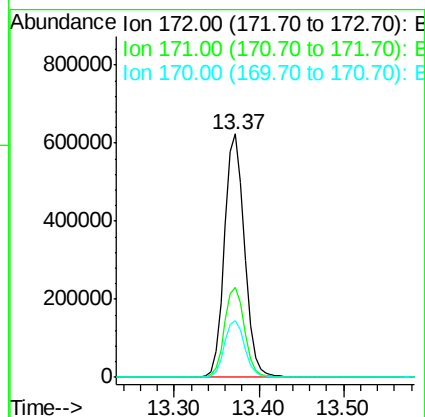
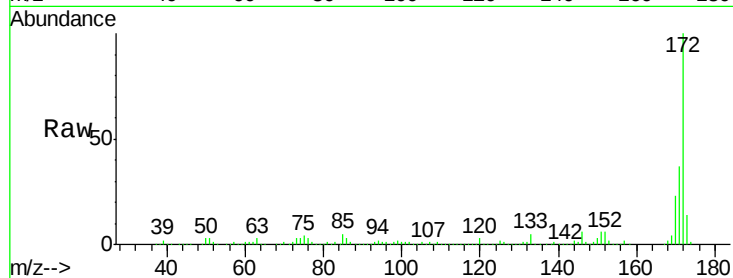




#44
2-Fluorobiphenyl
Concen: 93.394 ng
RT: 13.37 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG031421.D
Acq: 8 Dec 2017 13:34

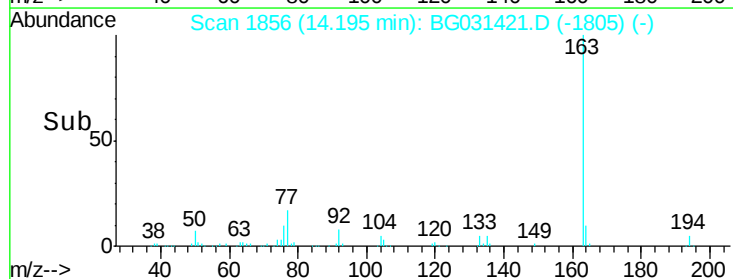
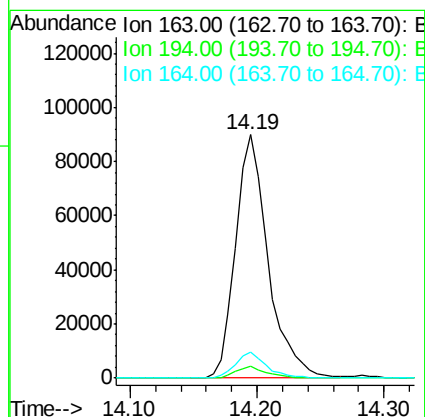
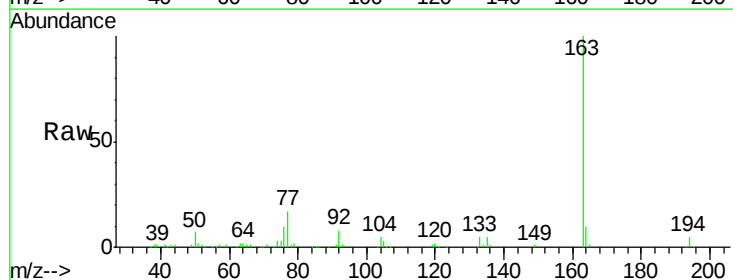
Instrument :
BNA_G
ClientSampleId :

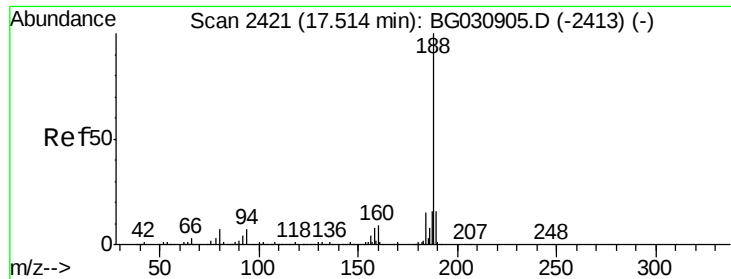
Tot Ion:172 Resp: 1030440
Ion Ratio Lower Upper
172 100
171 36.9 30.0 45.0
170 23.5 19.5 29.3



#49
Dimethylphthalate
Concen: 11.662 ng
RT: 14.19 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BG031421.D
Acq: 8 Dec 2017 13:34

Tgt Ion:163 Resp: 159861
Ion Ratio Lower Upper
163 100
194 5.1 3.4 5.2
164 10.5 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BG031421.D

Acq: 8 Dec 2017 13:34

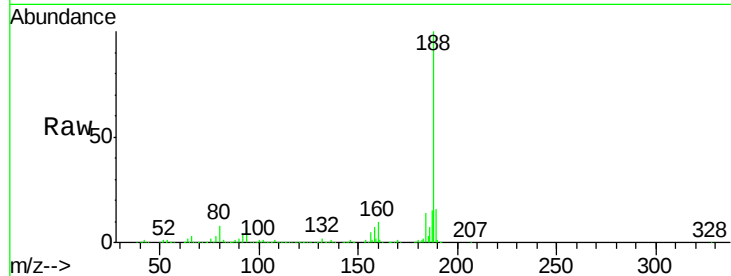
Instrument :

BNA_G

ClientSampleId :

Tot Ion:188 Resp: 455940

Ion	Ratio	Lower	Upper
188	100		
94	7.2	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

300000

200000

100000

0

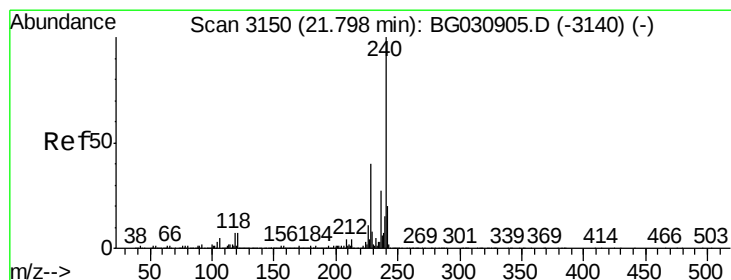
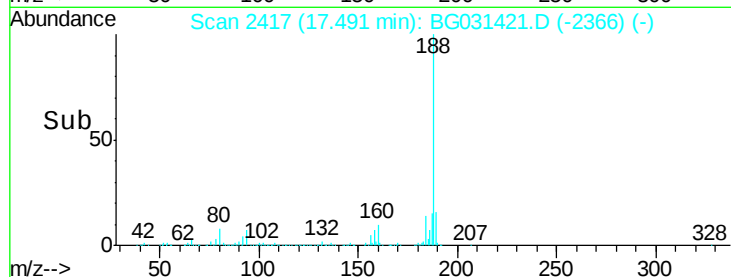
17.49

17.40

17.50

17.60

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

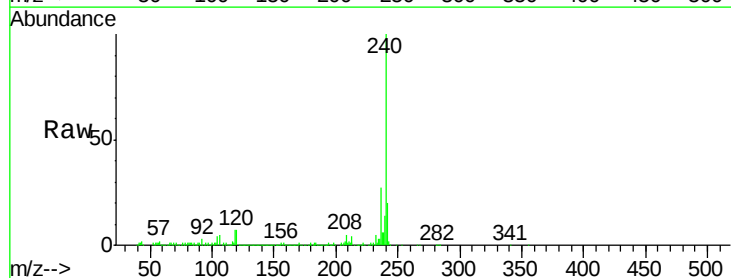
Delta R.T. -0.01 min

Lab File: BG031421.D

Acq: 8 Dec 2017 13:34

Tgt Ion:240 Resp: 504145

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.8	10.2
236	26.9	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

300000

200000

100000

0

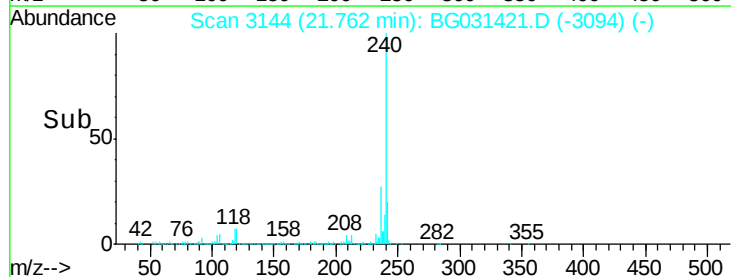
21.76

21.70

21.80

21.90

Time-->





#78

Terphenyl-d14

Concen: 85.765 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031421.D

Acq: 8 Dec 2017 13:34

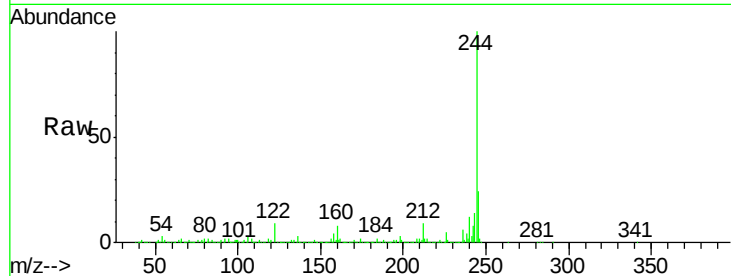
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1958165

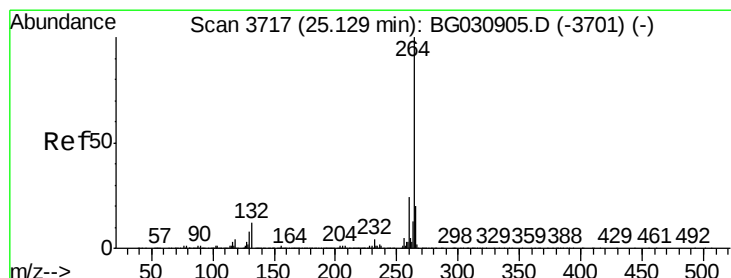
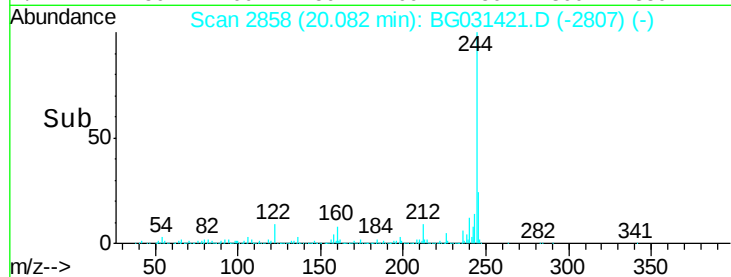
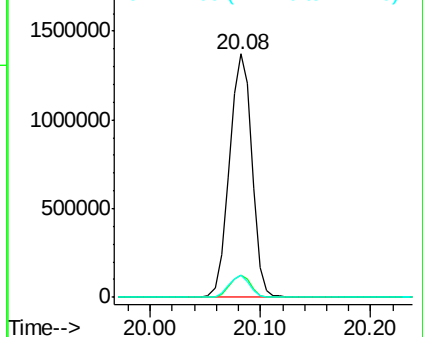
Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	9.0	7.0	10.4



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: 25.06 min Scan# 3706

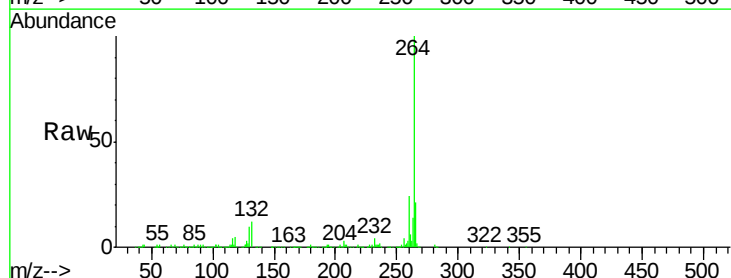
Delta R.T. -0.00 min

Lab File: BG031421.D

Acq: 8 Dec 2017 13:34

Tgt Ion:264 Resp: 500632

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.1	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

