

Data File : BG030979.D
Acq On : 13 Nov 2017 18:54
Operator : SJ/JU
Sample : I6301-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-C

Quant Time: Nov 14 04:55:11 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	8.14	152	36099	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	142670	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	95686	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	282619	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	458349	20.00	ng	-0.02
86) Perylene-d12	25.05	264	449403	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	290204	137.85	ng	0.00
7) Phenol-d6	7.30	99	326713	115.20	ng	0.00
23) Nitrobenzene-d5	9.31	82	247385	102.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	291589	188.38	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	718165	107.84	ng	-0.01
78) Terphenyl-d14	20.08	244	1842032	88.74	ng	-0.02
Target Compounds						
32) Benzoic acid	10.36	122	189	5.77	ng	Qvalue 96

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

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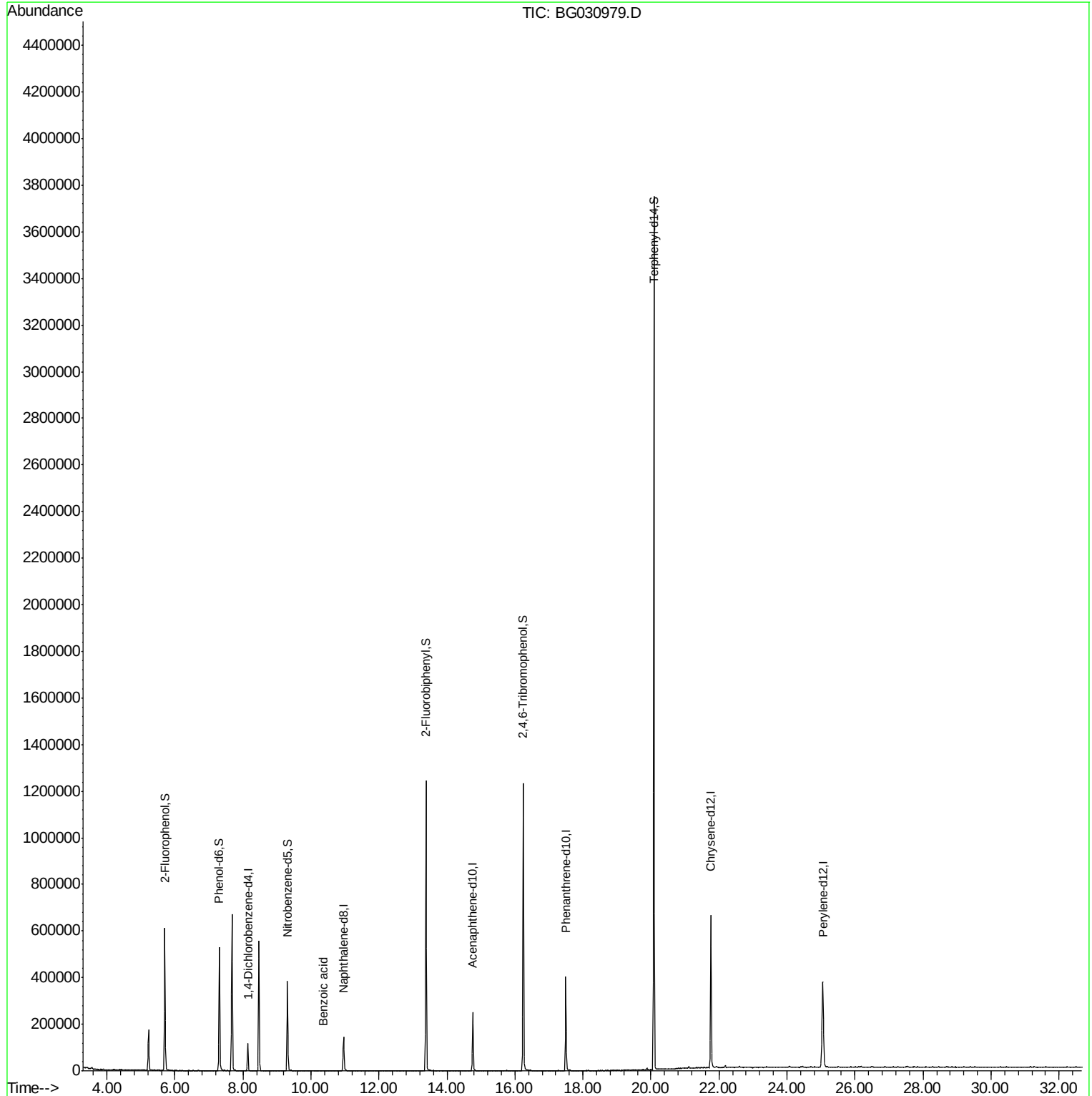
Quant Time: Nov 14 04:55:11 2017

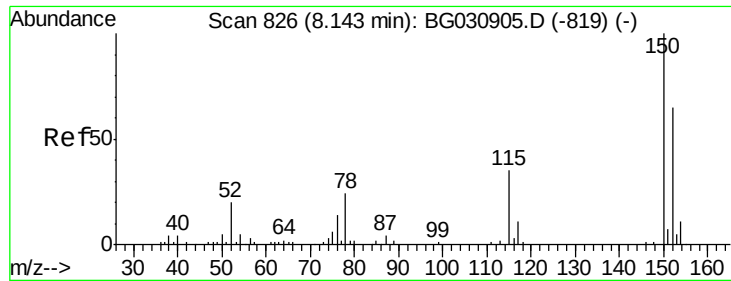
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 10 15:38:25 2017

Response via : Initial Calibration



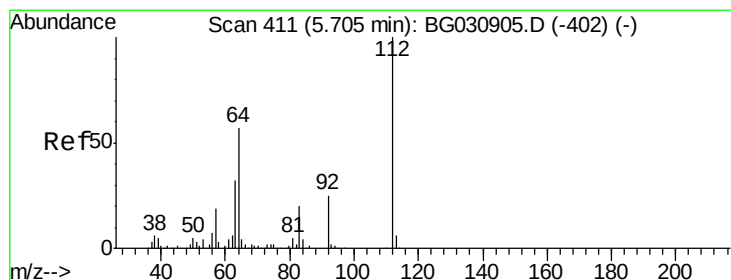
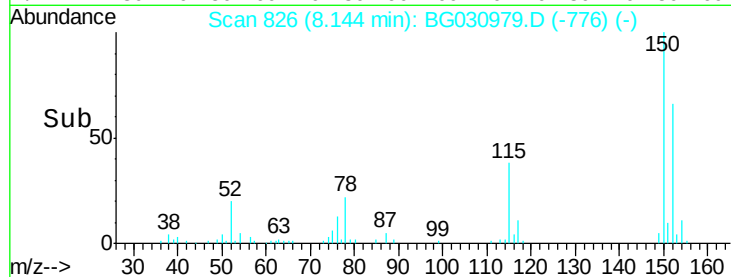
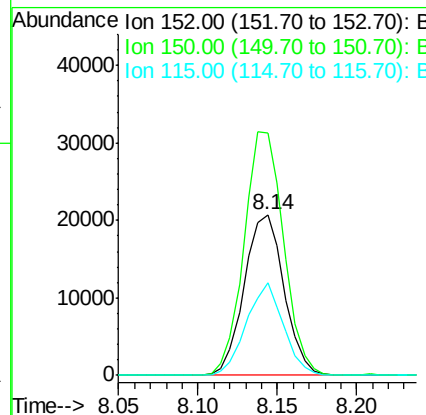
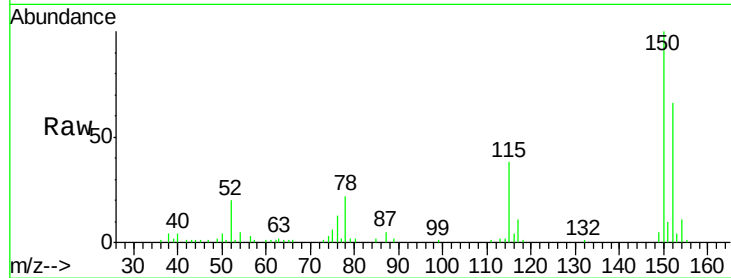


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030979.D
Acq: 13 Nov 2017 18:54

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-C

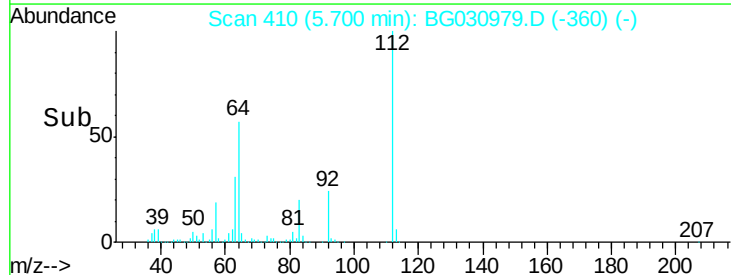
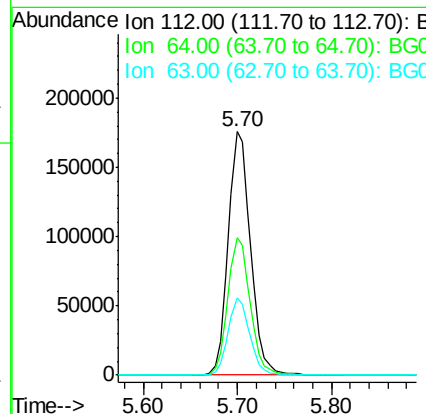
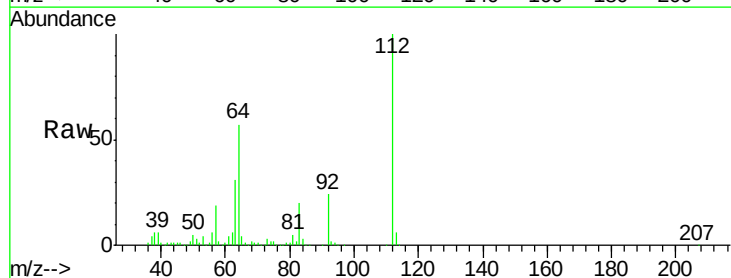
Tgt Ion:152 Resp: 36099
Ion Ratio Lower Upper
152 100
150 150.6 126.6 189.8
115 58.0 53.0 79.4

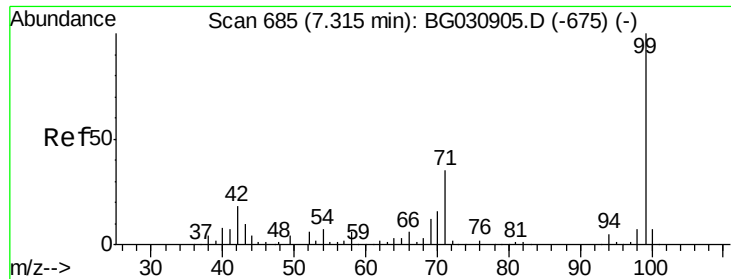


#5

2-Fluorophenol
Concen: 137.85 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG030979.D
Acq: 13 Nov 2017 18:54

Tgt Ion:112 Resp: 290204
Ion Ratio Lower Upper
112 100
64 56.7 56.3 84.5
63 31.5 30.1 45.1





#7

Phenol-d6

Concen: 115.20 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG030979.D

Acq: 13 Nov 2017 18:54

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-C

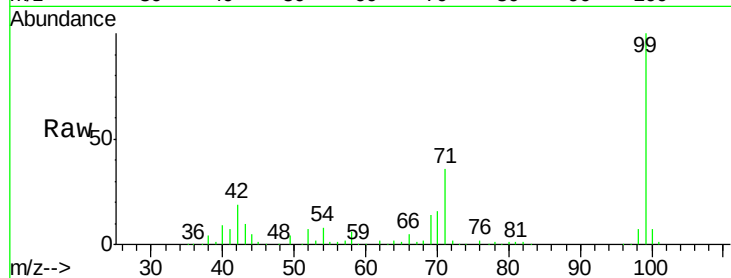
Tgt Ion: 99 Resp: 326713

Ion Ratio Lower Upper

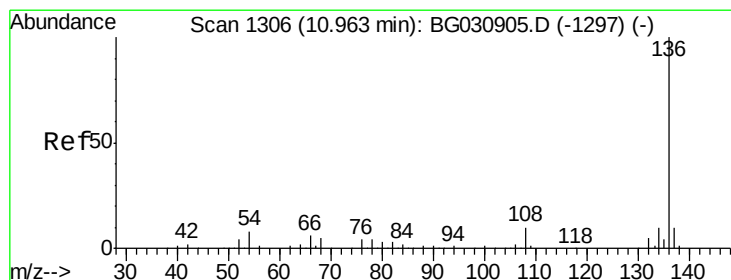
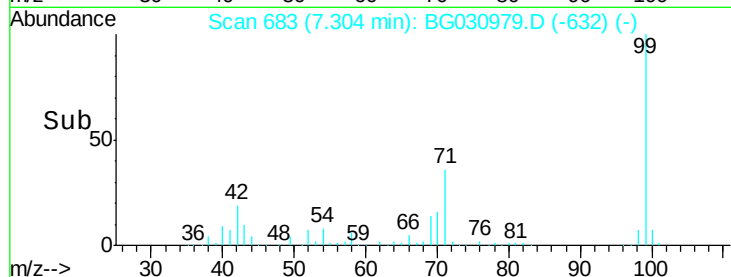
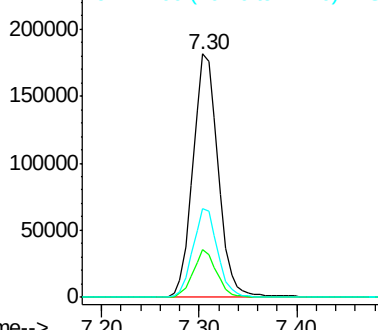
99 100

42 19.4 14.1 21.1

71 36.3 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: 20.00 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030979.D

Acq: 13 Nov 2017 18:54

Tgt Ion: 136 Resp: 142670

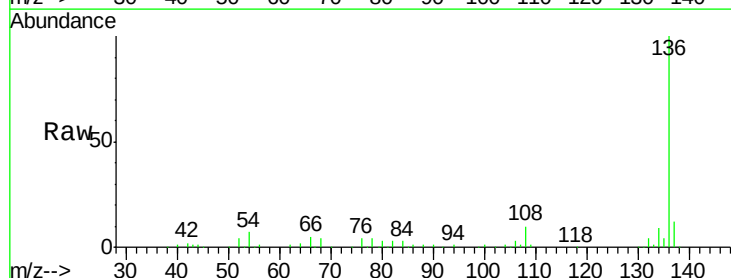
Ion Ratio Lower Upper

136 100

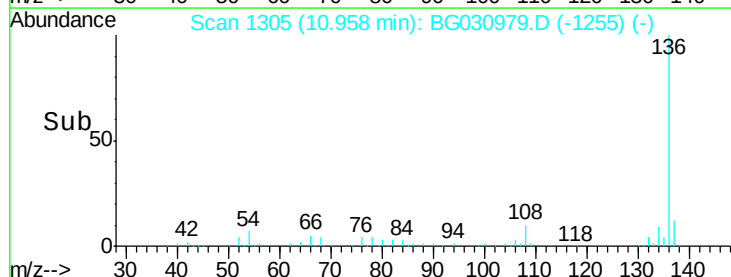
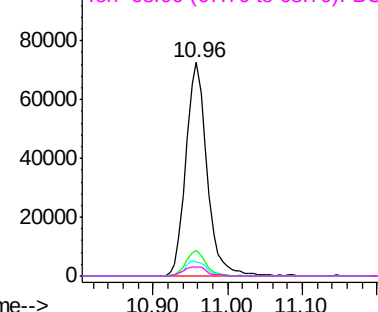
137 11.7 9.2 13.8

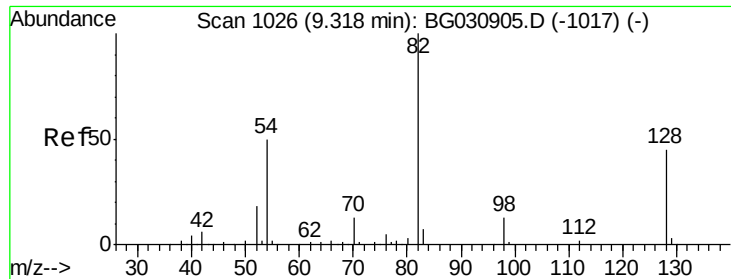
54 6.8 10.3 15.5#

68 4.4 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

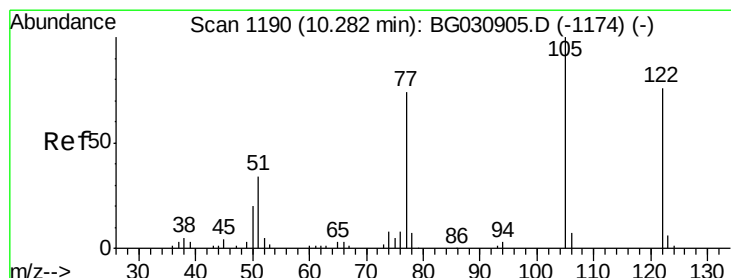
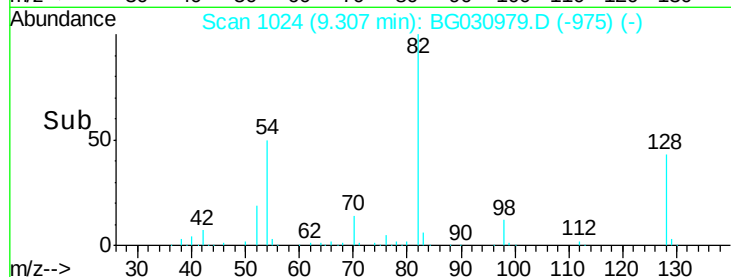
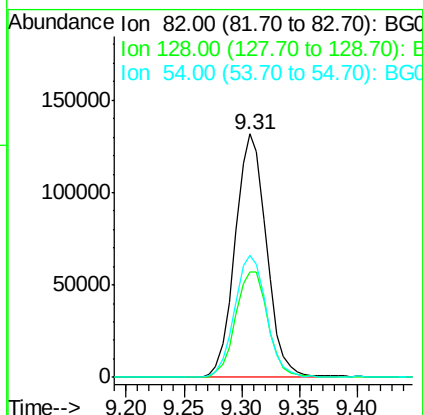
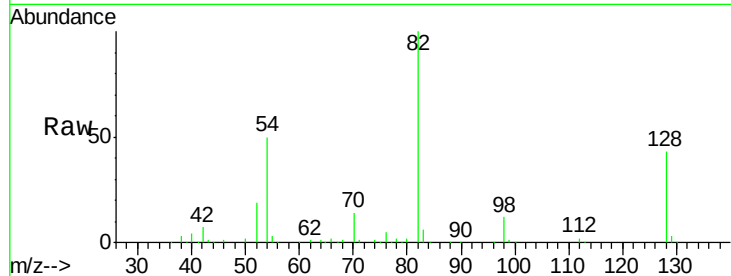




#23
 Nitrobenzene-d5
 Concen: 102.75 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG030979.D
 Acq: 13 Nov 2017 18:54

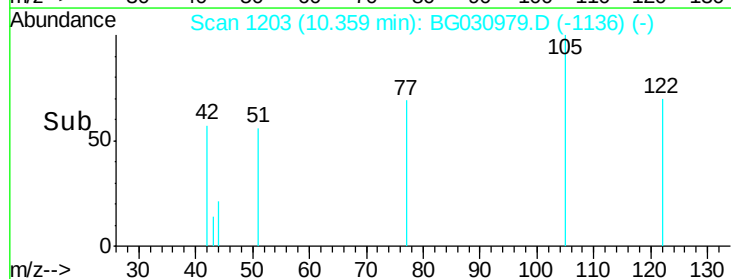
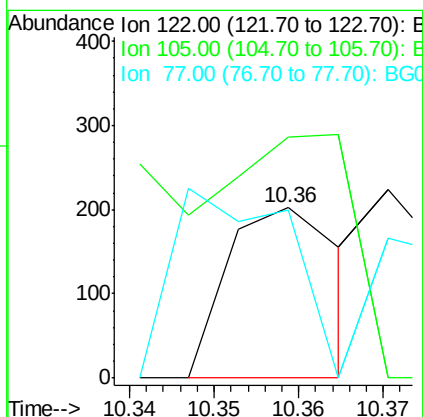
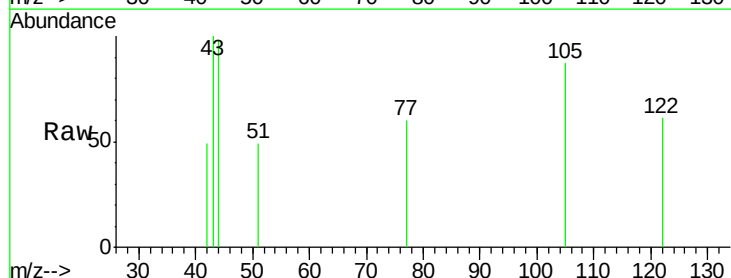
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-C

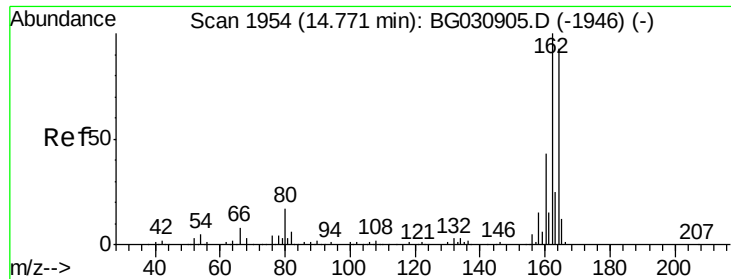
Tgt Ion: 82 Resp: 247385
 Ion Ratio Lower Upper
 82 100
 128 43.5 29.7 44.5
 54 50.3 43.1 64.7



#32
 Benzoic acid
 Concen: 5.77 ng
 RT: 10.36 min Scan# 1203
 Delta R.T. 0.09 min
 Lab File: BG030979.D
 Acq: 13 Nov 2017 18:54

Tgt Ion: 122 Resp: 189
 Ion Ratio Lower Upper
 122 100
 105 142.1 123.5 163.5
 77 98.5 85.7 125.7

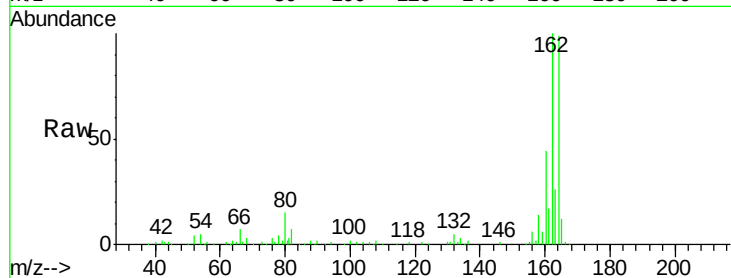




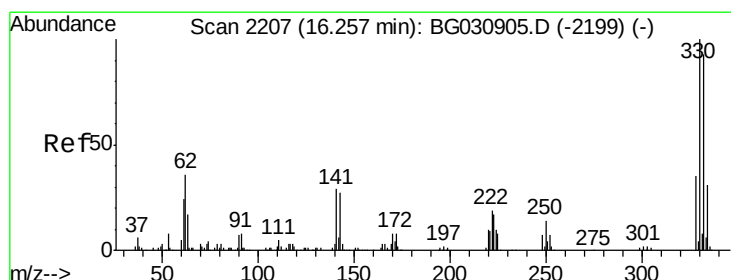
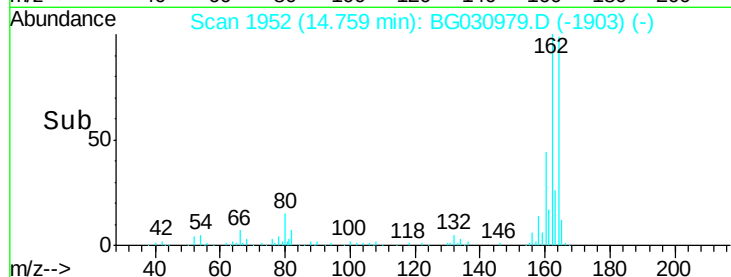
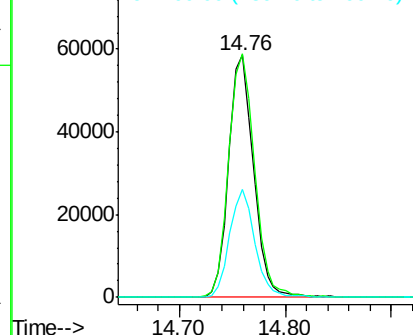
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG030979.D
Acq: 13 Nov 2017 18:54

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-C

Tgt Ion:164 Resp: 95686
Ion Ratio Lower Upper
164 100
162 100.7 78.8 118.2
160 44.7 35.4 53.0

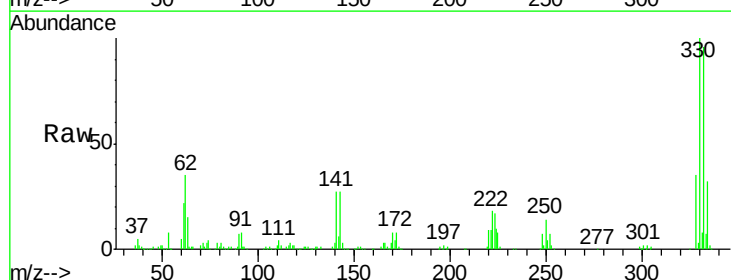


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

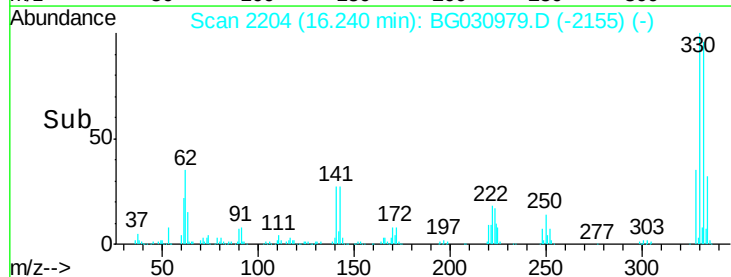
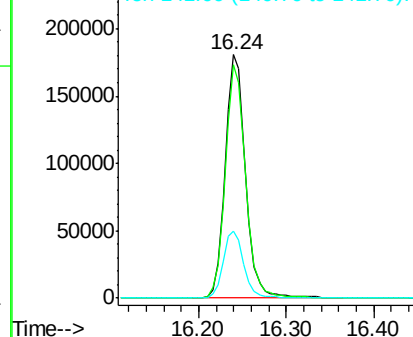


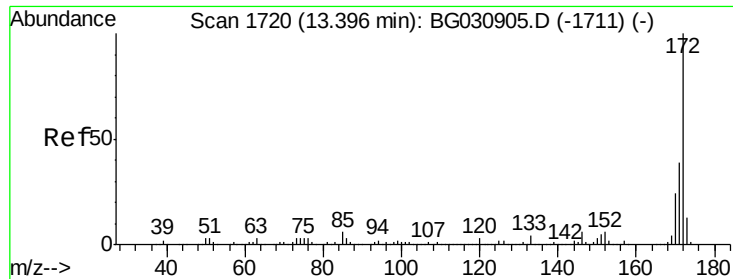
#41
2,4,6-Tribromophenol
Concen: 188.38 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG030979.D
Acq: 13 Nov 2017 18:54

Tgt Ion:330 Resp: 291589
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 27.5 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

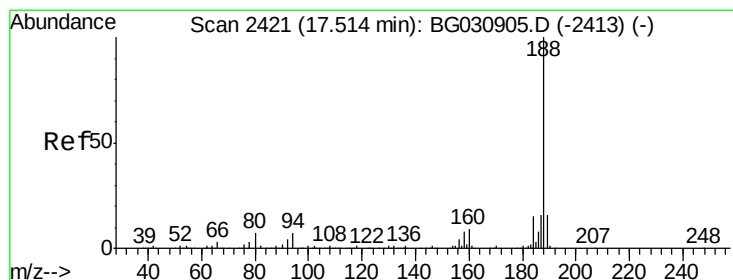
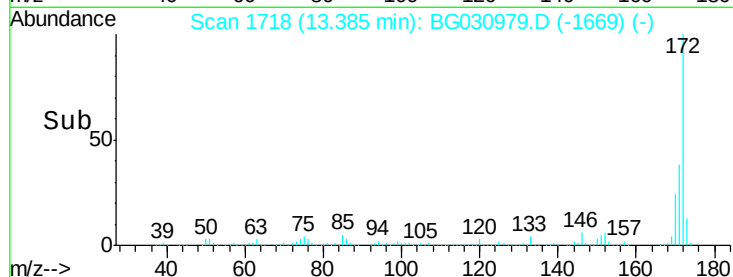
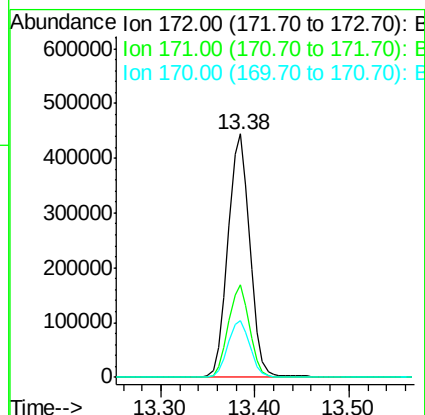
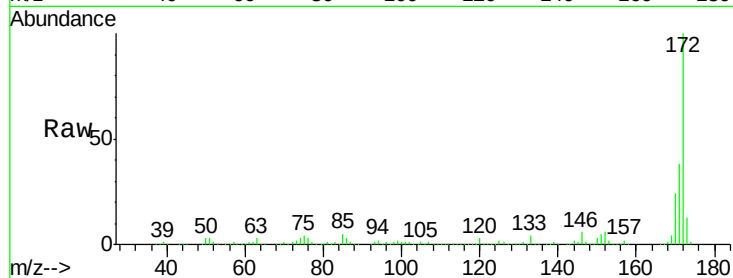




#44
 2-Fluorobiphenyl
 Concen: 107.84 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG030979.D
 Acq: 13 Nov 2017 18:54

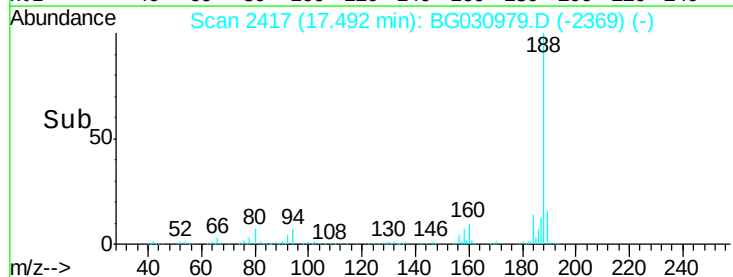
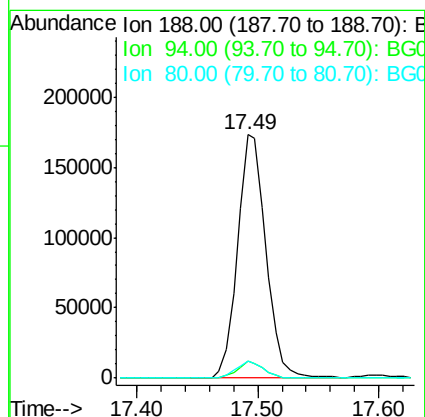
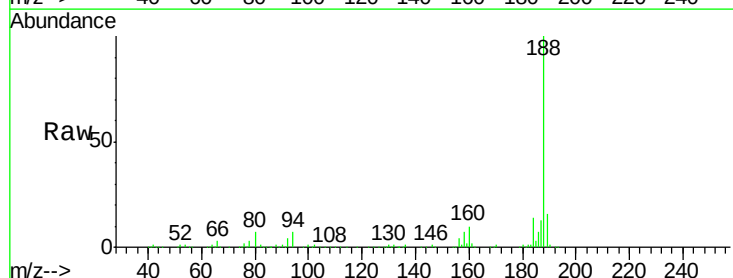
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 JC-02-110917-C

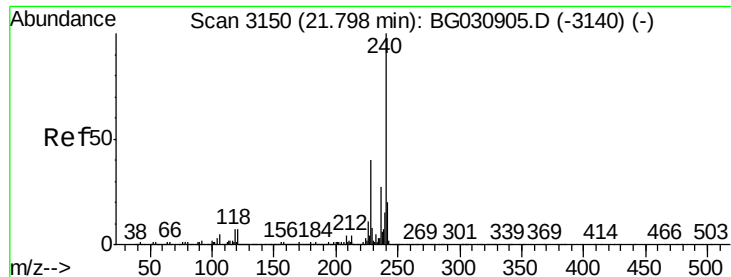
Tgt Ion:172 Resp: 718165
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 23.5 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG030979.D
 Acq: 13 Nov 2017 18:54

Tgt Ion:188 Resp: 282619
 Ion Ratio Lower Upper
 188 100
 94 6.8 6.9 10.3#
 80 6.9 7.7 11.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG030979.D

Acq: 13 Nov 2017 18:54

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-C

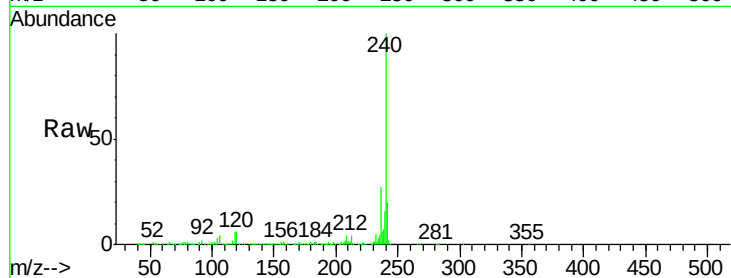
Tgt Ion:240 Resp: 458349

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

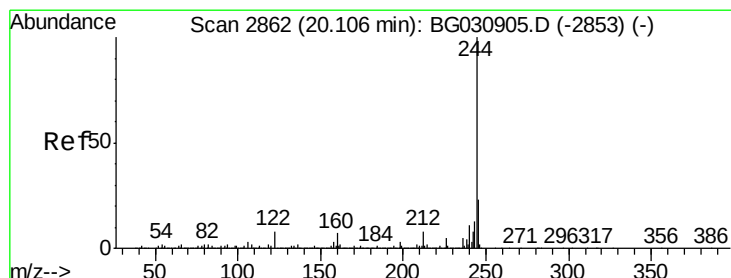
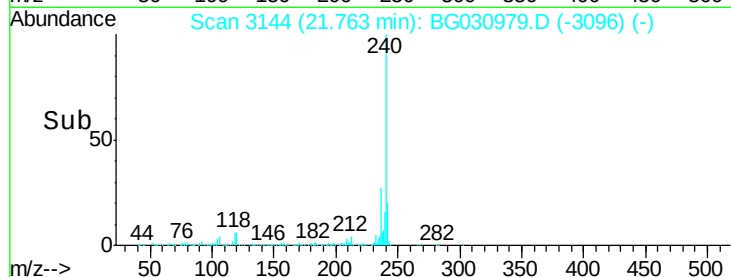
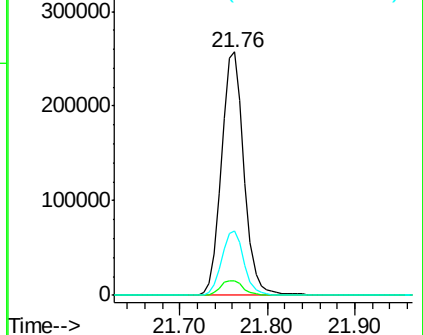
236 26.7 20.9 31.3



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: 88.74 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG030979.D

Acq: 13 Nov 2017 18:54

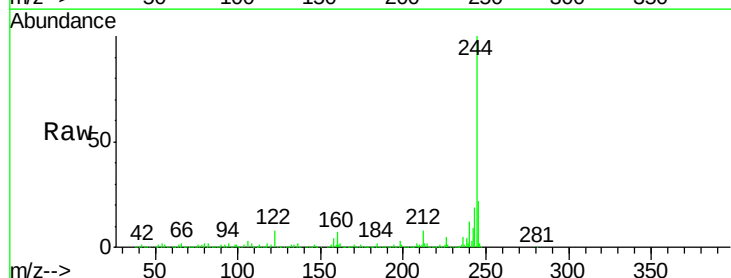
Tgt Ion:244 Resp: 1842032

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

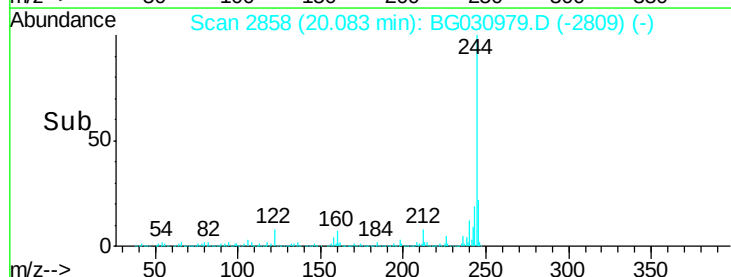
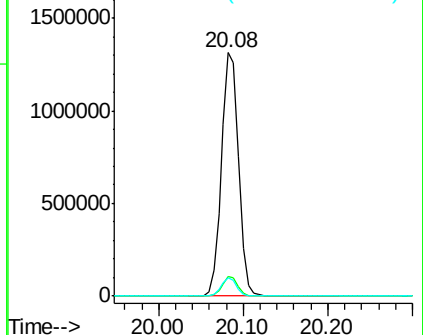
122 7.7 7.0 10.4

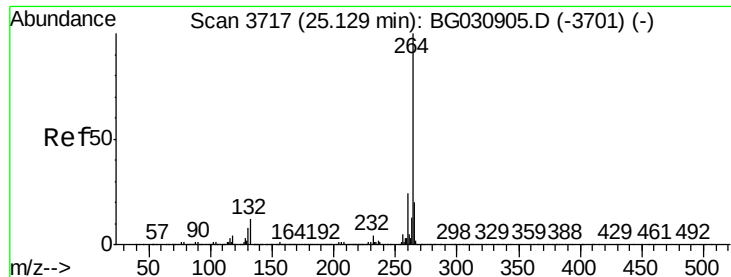


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3704
Delta R.T. -0.04 min
Lab File: BG030979.D
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.7	17.7	26.5

