

Data File : BG030981.D
Acq On : 13 Nov 2017 20:09
Operator : SJ/JU
Sample : I6301-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Nov 14 04:56:18 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	38893	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	156698	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	101572	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	288960	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	425918	20.00	ng	-0.01
86) Perylene-d12	25.07	264	424546	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	307311	135.49	ng	0.00
7) Phenol-d6	7.31	99	339738	111.18	ng	0.00
23) Nitrobenzene-d5	9.31	82	260848	98.64	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	283864	172.76	ng	-0.01
44) 2-Fluorobiphenyl	13.39	172	731504	103.48	ng	-0.01
78) Terphenyl-d14	20.09	244	1736489	90.02	ng	0.00
Target Compounds						
32) Benzoic acid	10.32	122	66	5.69	ng	Qvalue # 1

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

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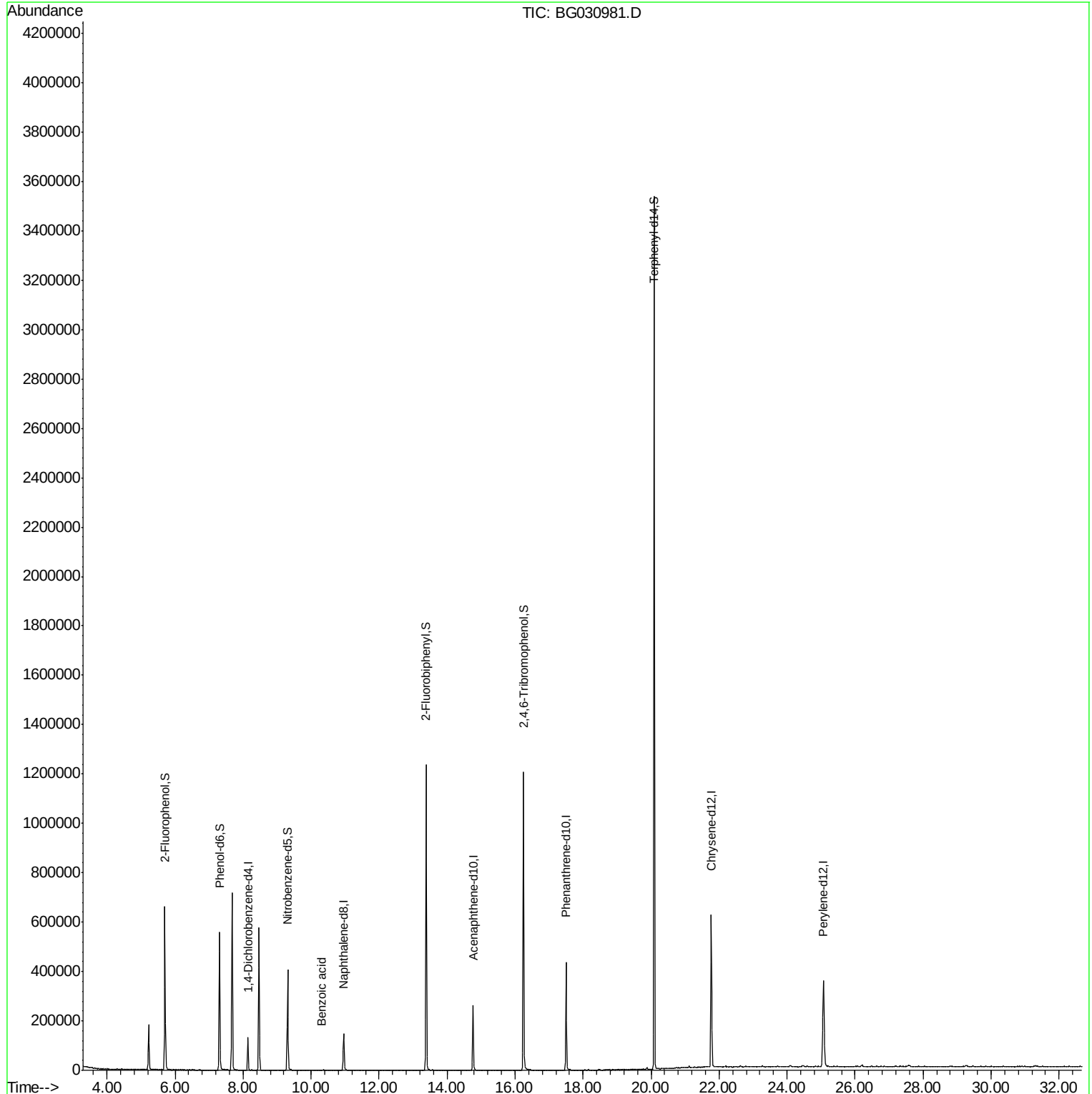
Quant Time: Nov 14 04:56:18 2017

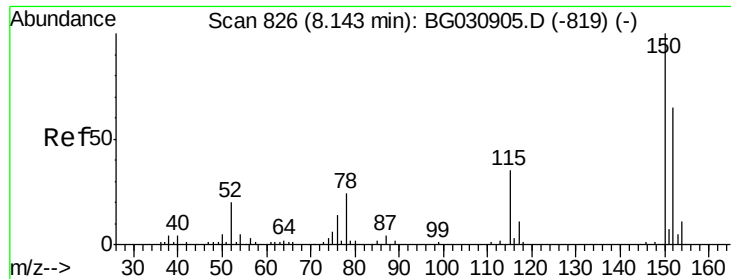
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M

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

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Acq: 13 Nov 2017 20:09

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-E

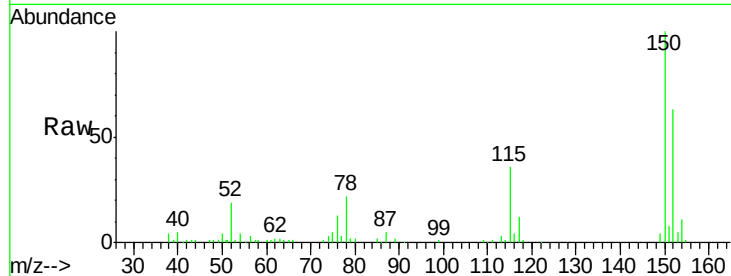
Tgt Ion:152 Resp: 38893

Ion Ratio Lower Upper

152 100

150 158.3 126.6 189.8

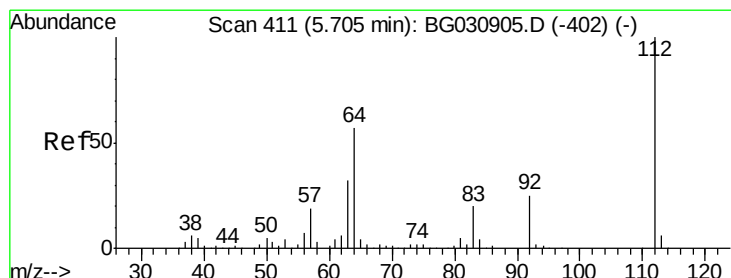
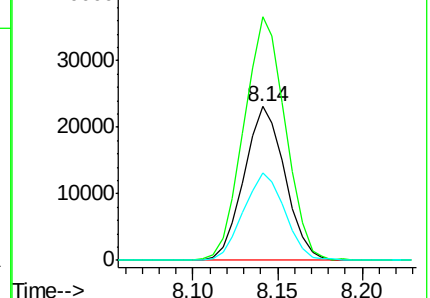
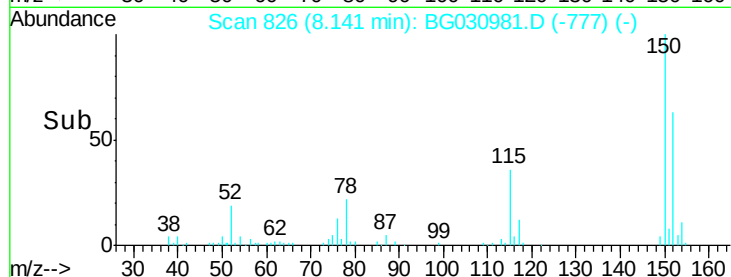
115 57.1 53.0 79.4



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: 135.49 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.01 min

Lab File: BG030981.D

Acq: 13 Nov 2017 20:09

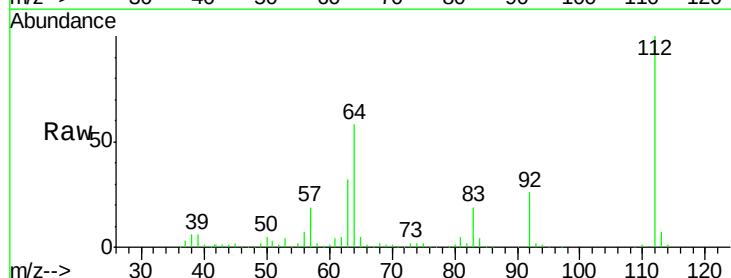
Tgt Ion:112 Resp: 307311

Ion Ratio Lower Upper

112 100

64 57.8 56.3 84.5

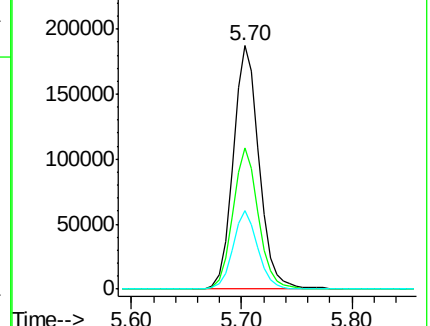
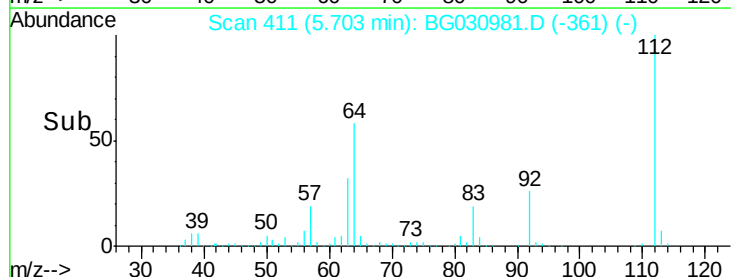
63 32.1 30.1 45.1

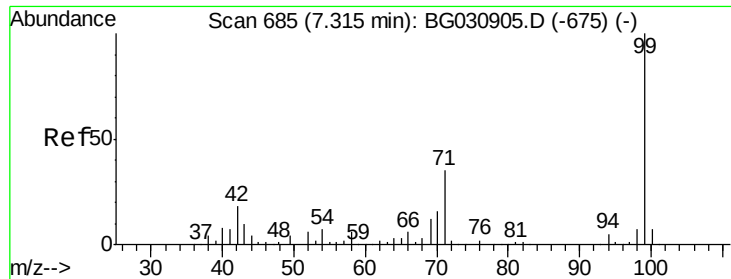


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 111.18 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030981.D

Acq: 13 Nov 2017 20:09

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-E

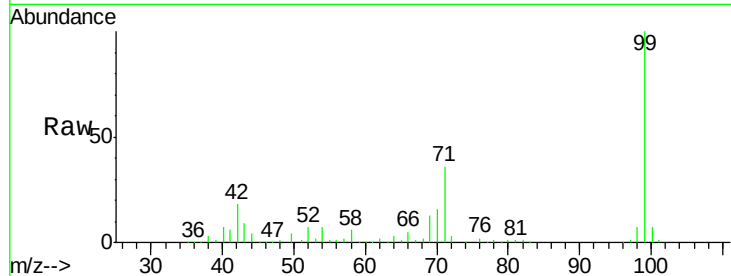
Tgt Ion: 99 Resp: 339738

Ion Ratio Lower Upper

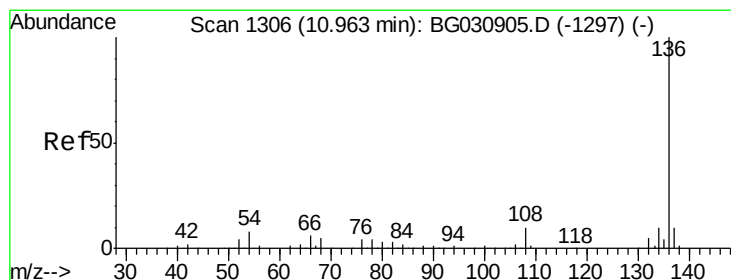
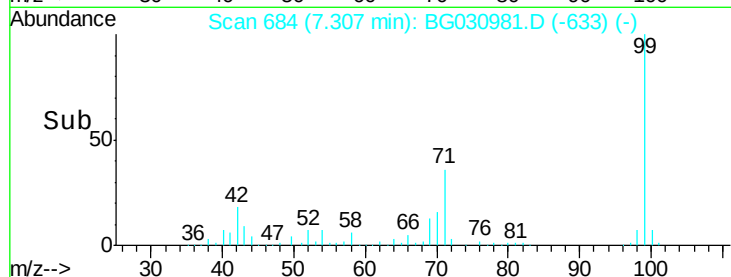
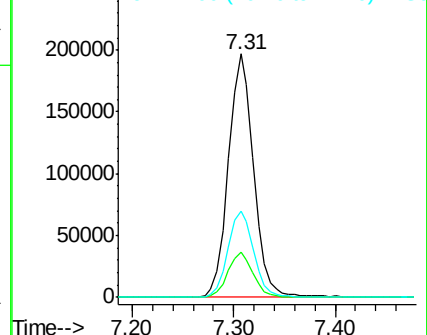
99 100

42 18.4 14.1 21.1

71 35.7 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: BG030981.D

Acq: 13 Nov 2017 20:09

Tgt Ion: 136 Resp: 156698

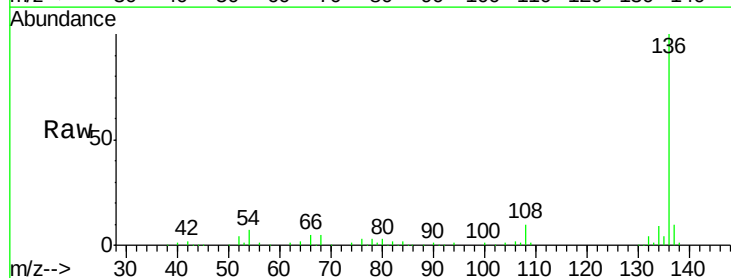
Ion Ratio Lower Upper

136 100

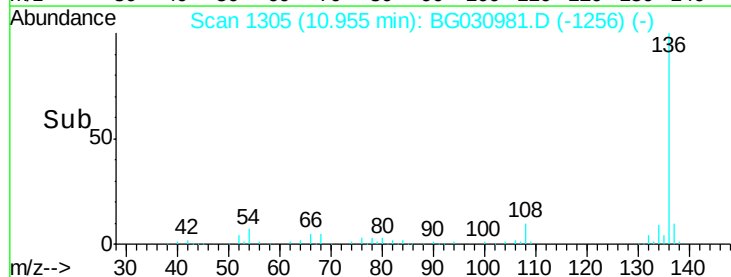
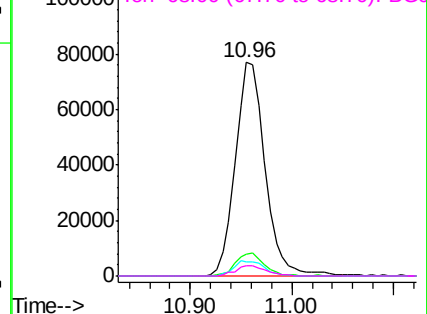
137 10.0 9.2 13.8

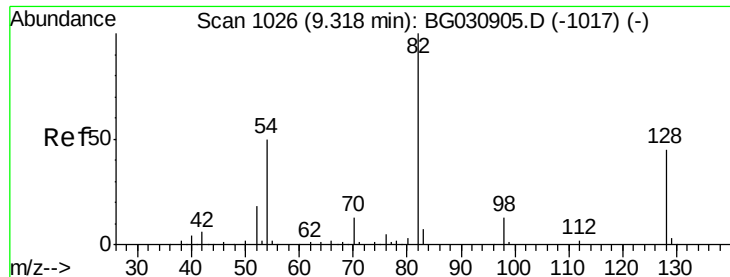
54 6.8 10.3 15.5#

68 4.7 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

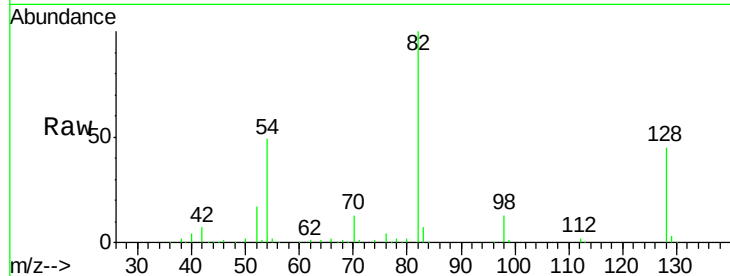




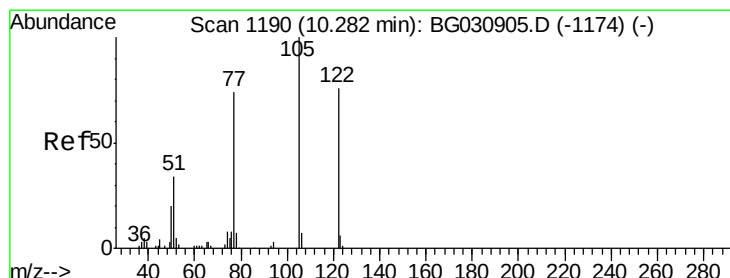
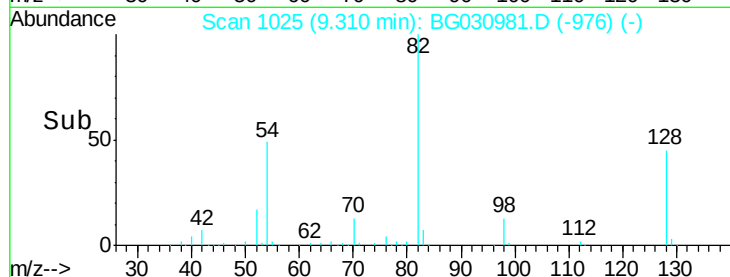
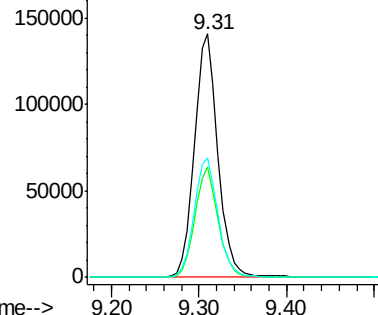
#23
 Nitrobenzene-d5
 Concen: 98.64 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG030981.D
 Acq: 13 Nov 2017 20:09

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	29.7	44.5#
54	49.1	43.1	64.7

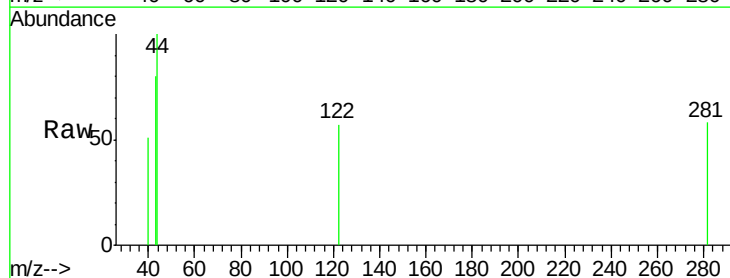


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

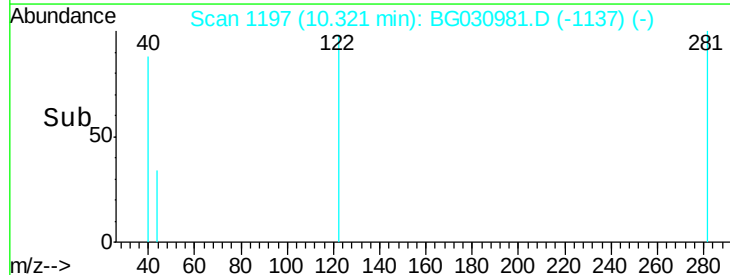
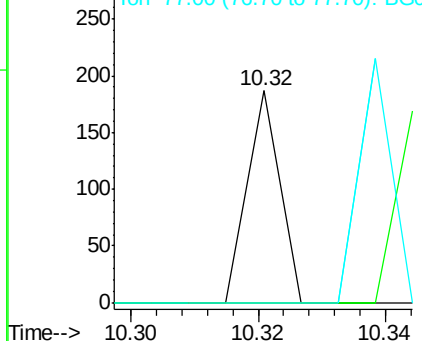


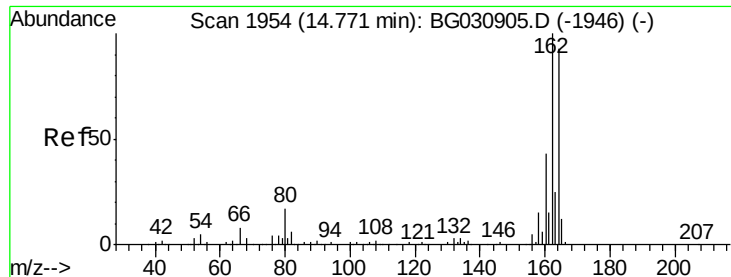
#32
 Benzoic acid
 Concen: 5.69 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. 0.05 min
 Lab File: BG030981.D
 Acq: 13 Nov 2017 20:09

Tgt 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: 20.00 ng

RT: 14.76 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG030981.D

Acq: 13 Nov 2017 20:09

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-E

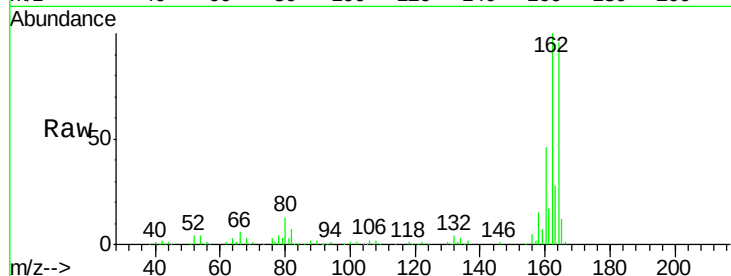
Tgt Ion:164 Resp: 101572

Ion Ratio Lower Upper

164 100

162 103.7 78.8 118.2

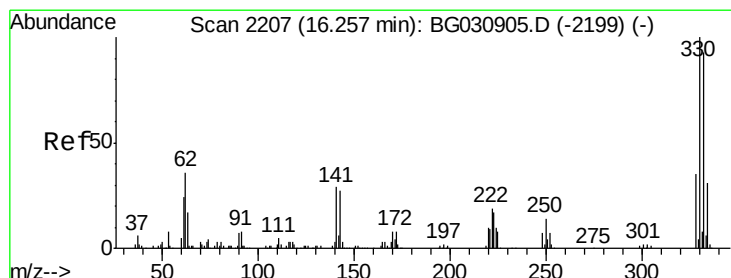
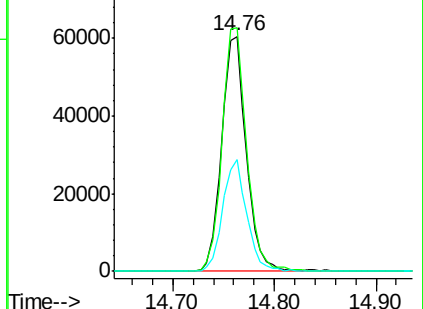
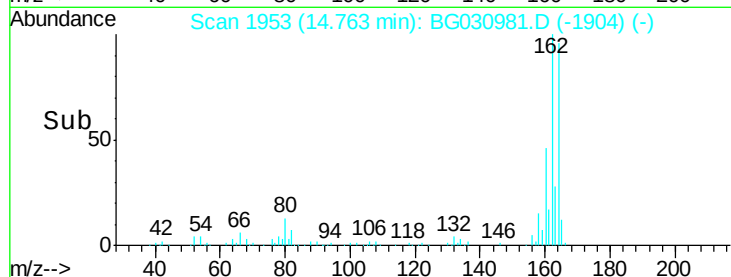
160 47.5 35.4 53.0



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: 172.76 ng

RT: 16.24 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG030981.D

Acq: 13 Nov 2017 20:09

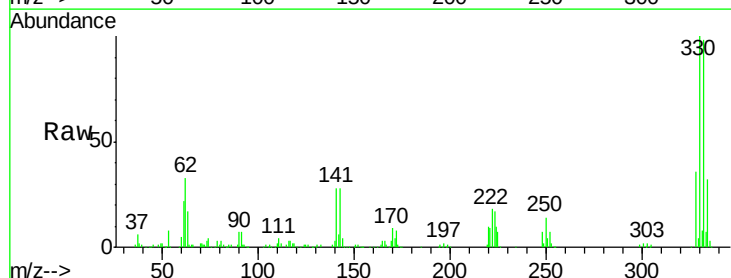
Tgt Ion:330 Resp: 283864

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

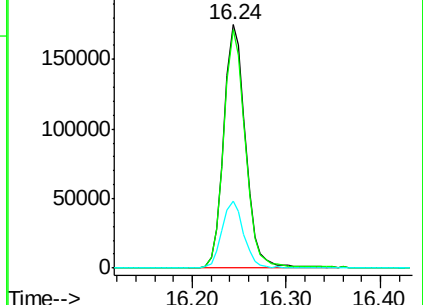
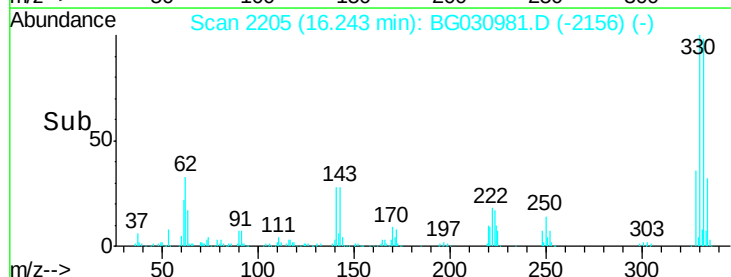
141 27.8 25.2 37.8

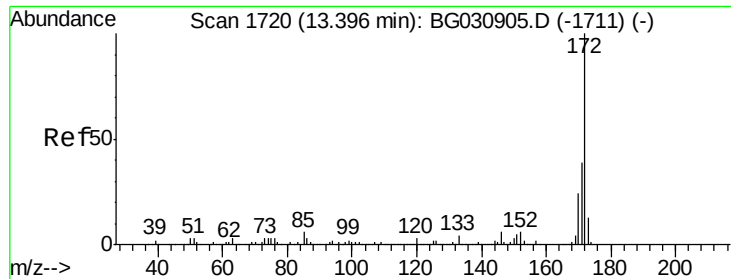


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

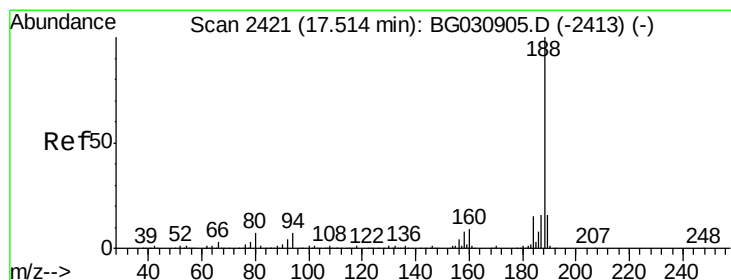
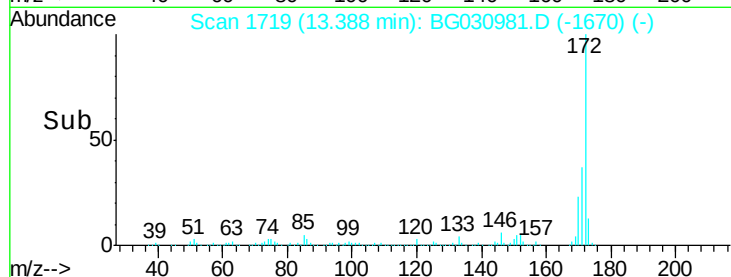
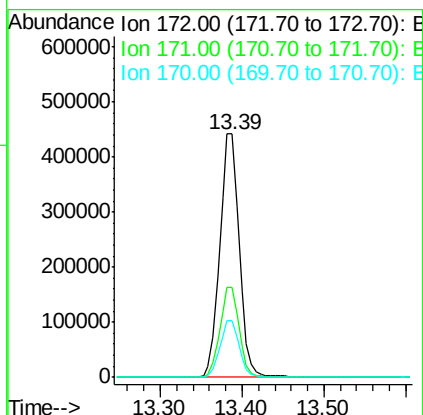
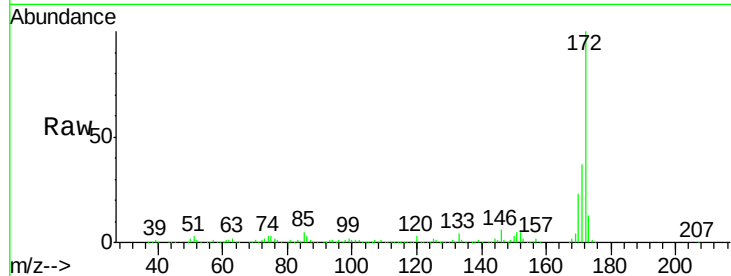




#44
 2-Fluorobiphenyl
 Concen: 103.48 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030981.D
 Acq: 13 Nov 2017 20:09

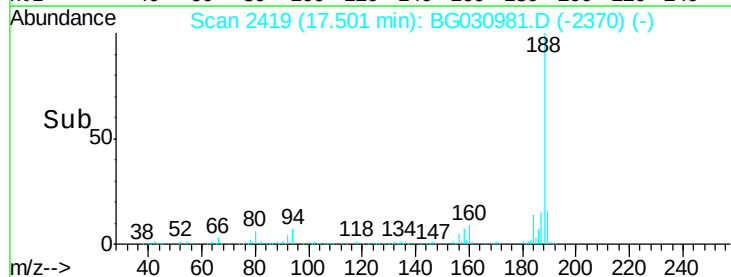
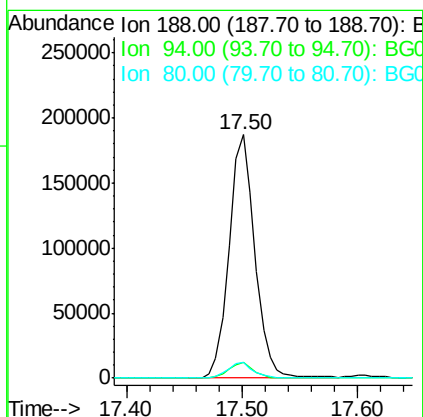
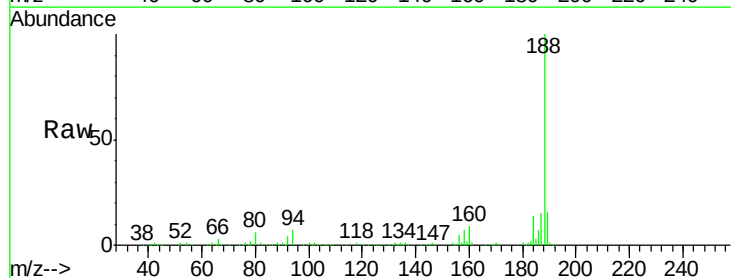
Instrument :
 BNA_G
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 JC-02-110917-E

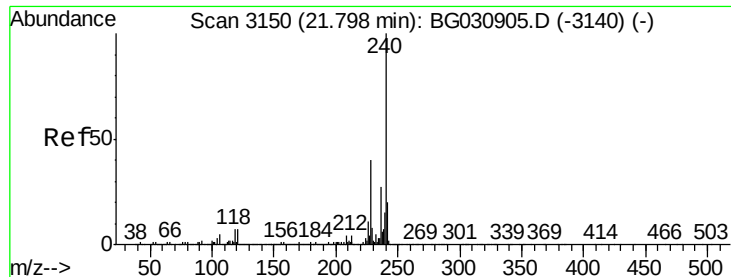
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	23.2	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG030981.D
 Acq: 13 Nov 2017 20:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	6.5	7.7	11.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030981.D

Acq: 13 Nov 2017 20:09

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-E

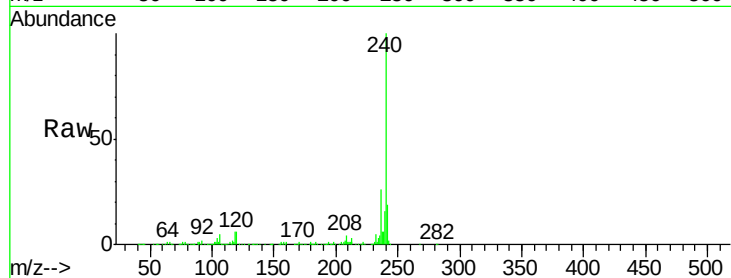
Tgt Ion:240 Resp: 425918

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

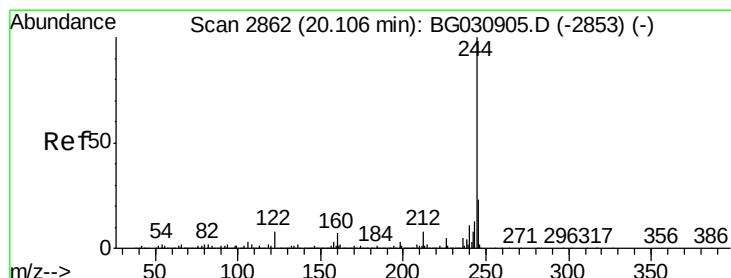
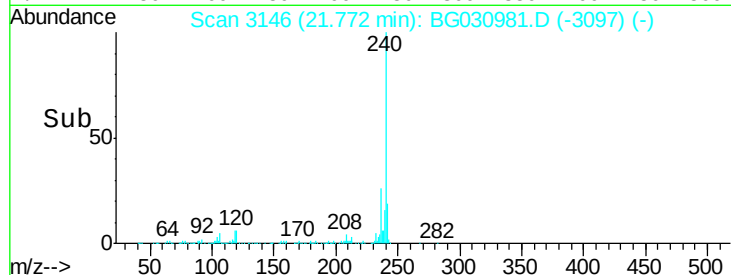
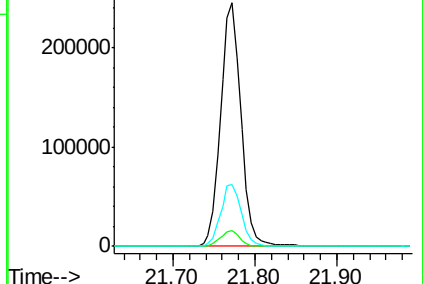
236 25.6 20.9 31.3



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: 90.02 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030981.D

Acq: 13 Nov 2017 20:09

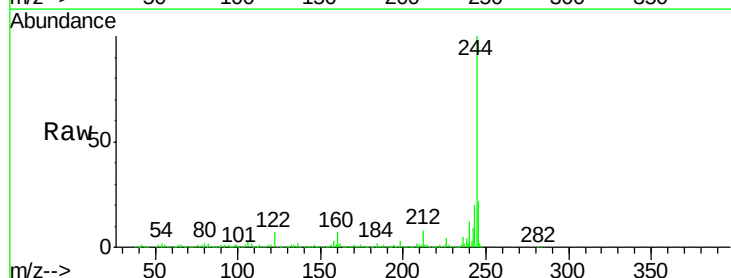
Tgt Ion:244 Resp: 1736489

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

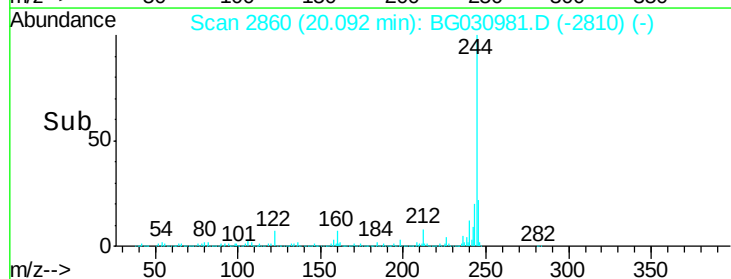
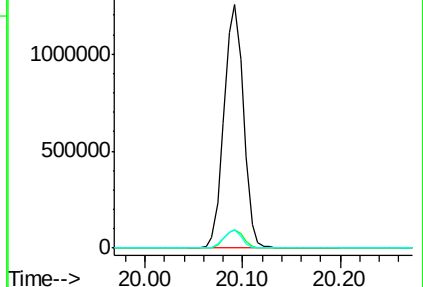
122 7.3 7.0 10.4

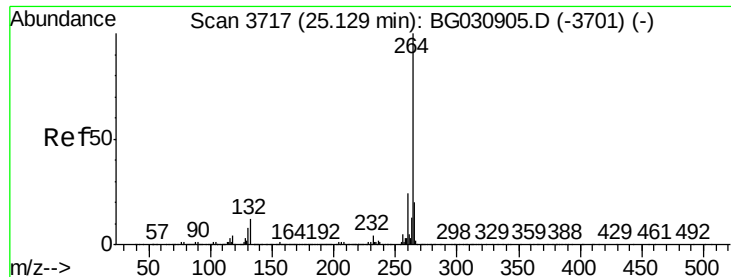


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

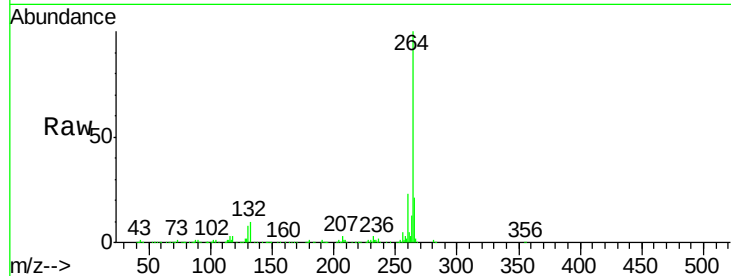




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.07 min Scan# 3708
 Delta R.T. -0.02 min
 Lab File: BG030981.D
 Acq: 13 Nov 2017 20:09

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	21.2	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

