

Data File : BG030991.D
Acq On : 14 Nov 2017 2:51
Operator : SJ/JU
Sample : I6301-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Nov 14 05:00:15 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	48577	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	198917	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	131412	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	365321	20.00	ng	0.00
75) Chrysene-d12	21.77	240	468002	20.00	ng	0.00
86) Perylene-d12	25.08	264	468278	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	361674	127.67	ng	0.00
7) Phenol-d6	7.31	99	412824	108.17	ng	0.00
23) Nitrobenzene-d5	9.31	82	316592	94.31	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	348542	163.96	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	913433	99.88	ng	-0.02
78) Terphenyl-d14	20.09	244	1881435	88.77	ng	0.00

Target Compounds Qvalue

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

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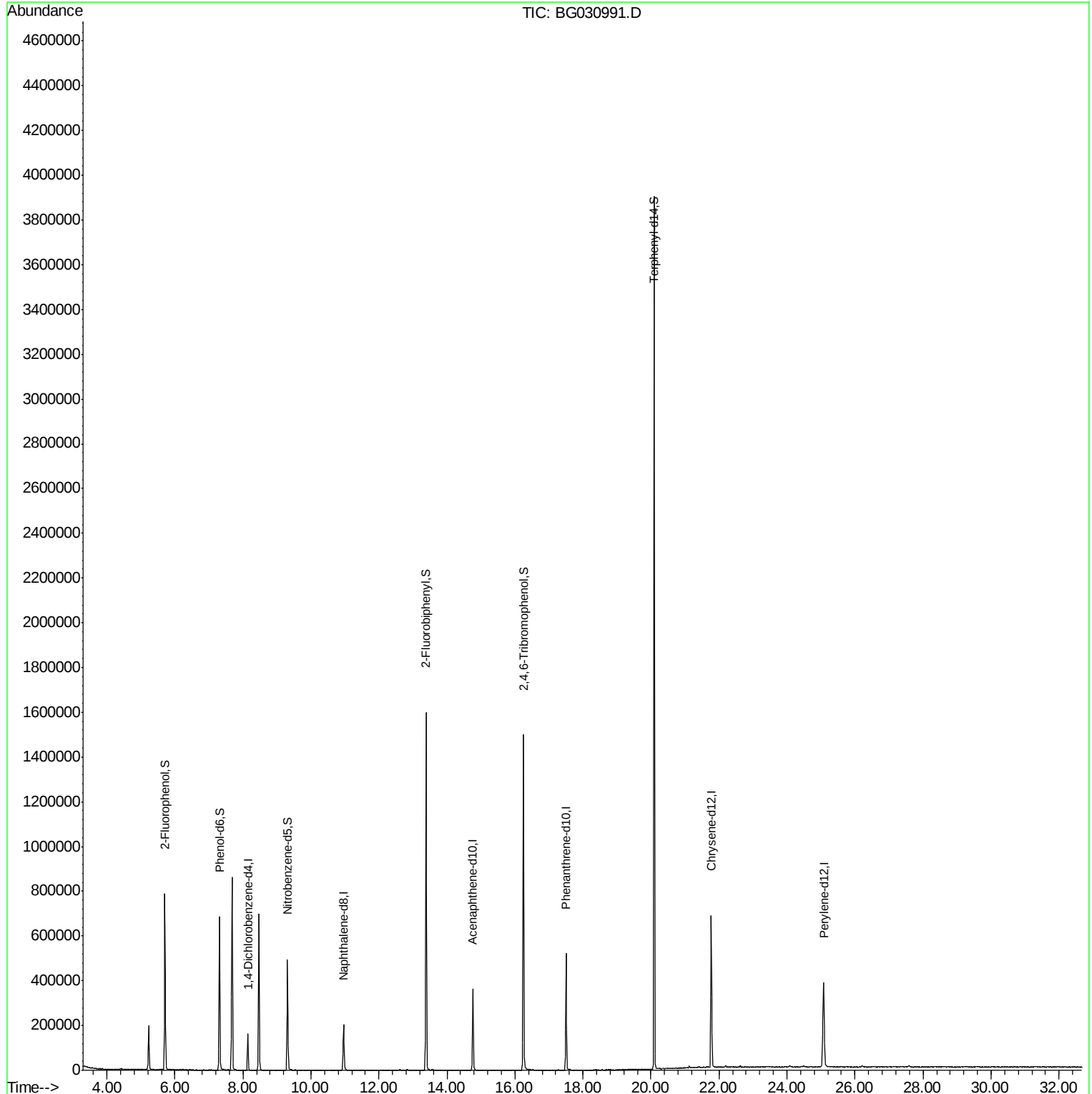
Quant Time: Nov 14 05:00:15 2017

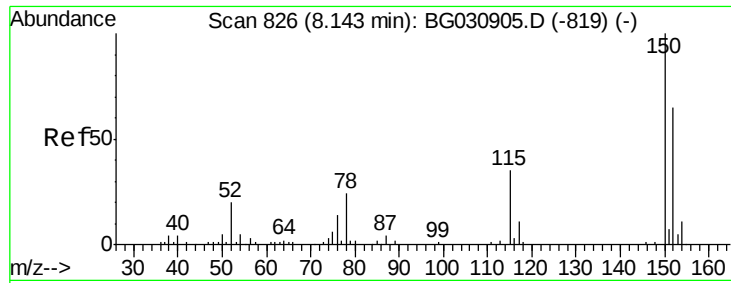
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M

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

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#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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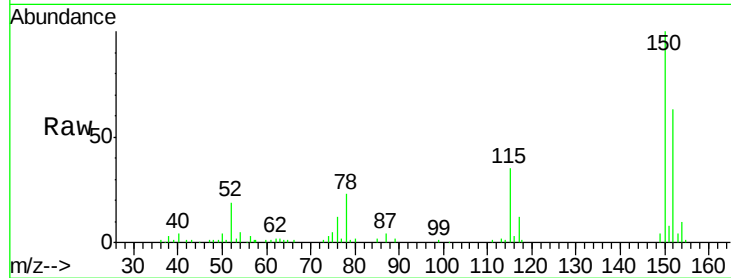
Tgt Ion:152 Resp: 48577

Ion Ratio Lower Upper

152 100

150 157.6 126.6 189.8

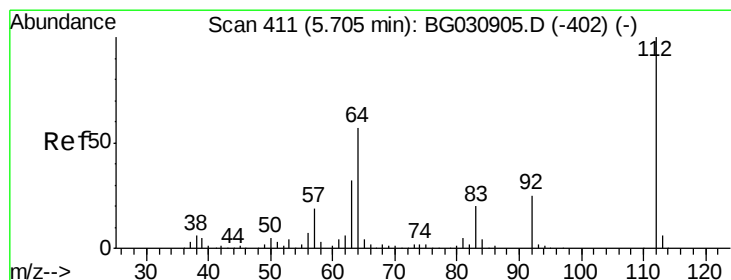
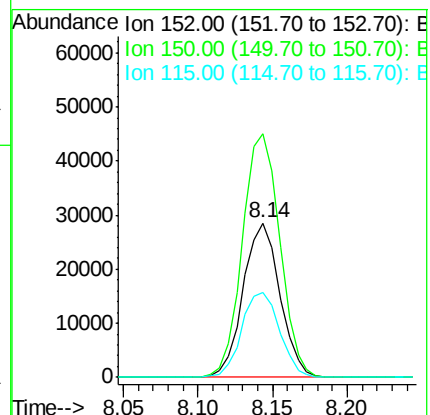
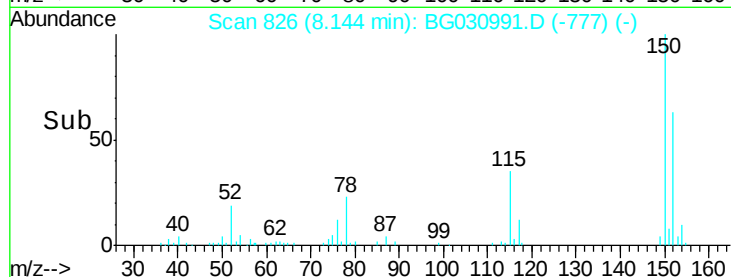
115 54.7 53.0 79.4



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: 127.67 ng

RT: 5.71 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG030991.D

Acq: 14 Nov 2017 2:51

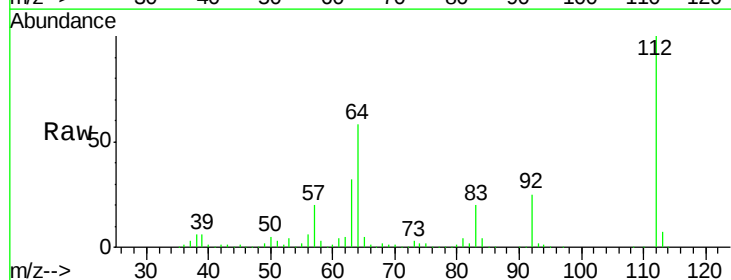
Tgt Ion:112 Resp: 361674

Ion Ratio Lower Upper

112 100

64 58.4 56.3 84.5

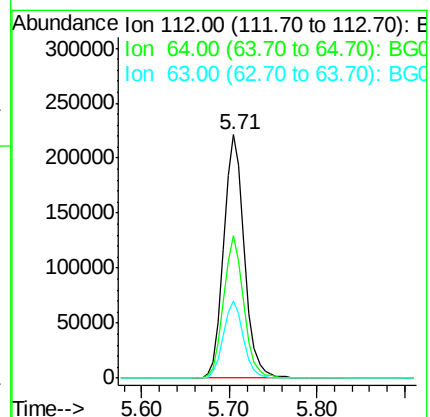
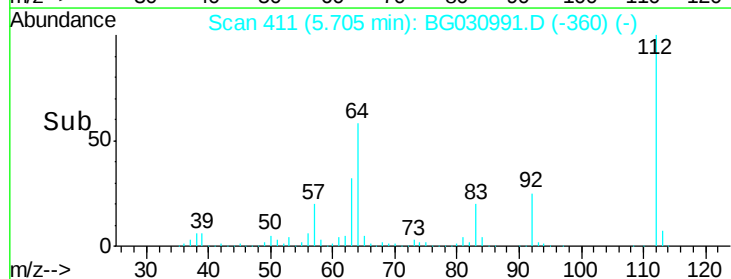
63 31.6 30.1 45.1

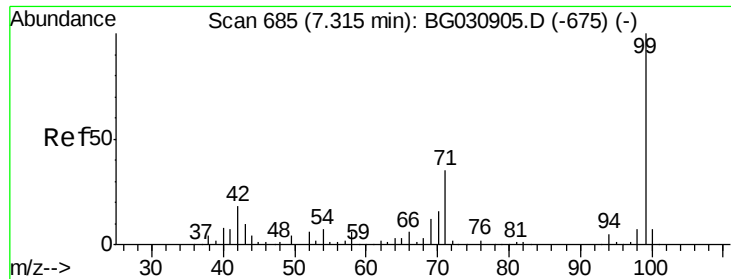


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.17 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

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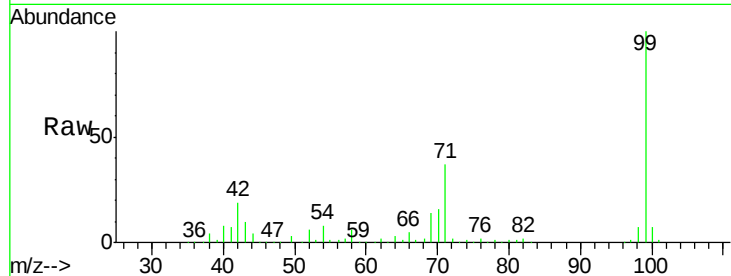
Tgt Ion: 99 Resp: 412824

Ion Ratio Lower Upper

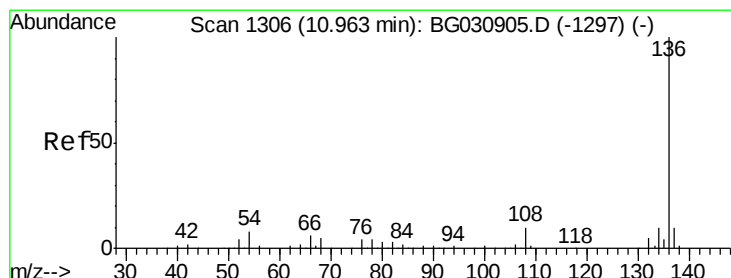
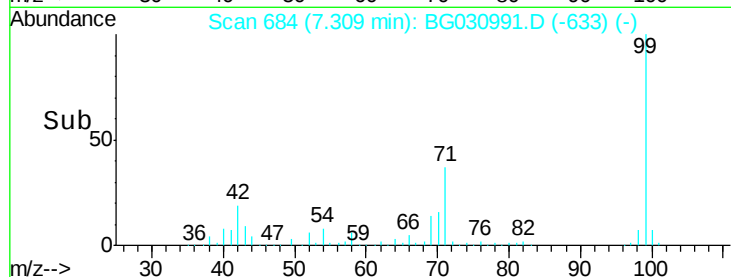
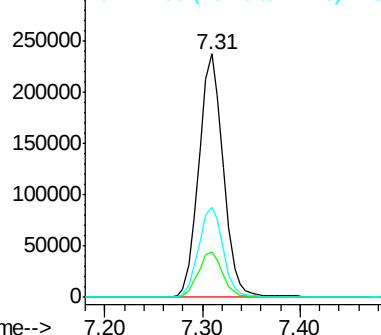
99 100

42 18.7 14.1 21.1

71 37.1 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: BG030991.D

Acq: 14 Nov 2017 2:51

Tgt Ion: 136 Resp: 198917

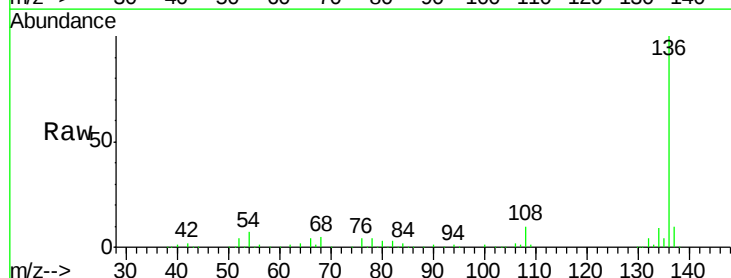
Ion Ratio Lower Upper

136 100

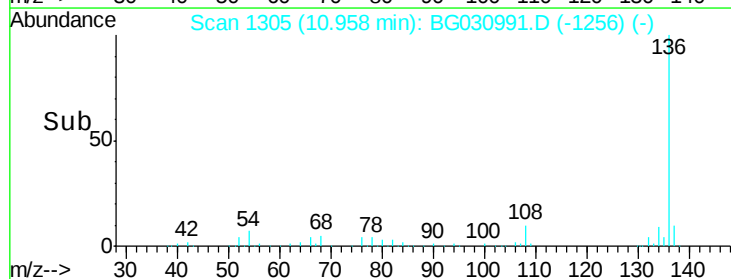
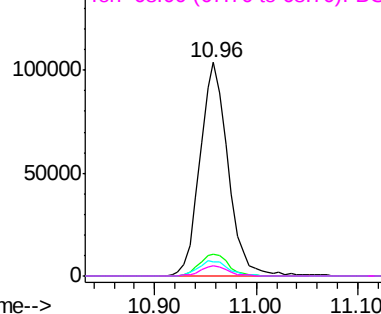
137 10.5 9.2 13.8

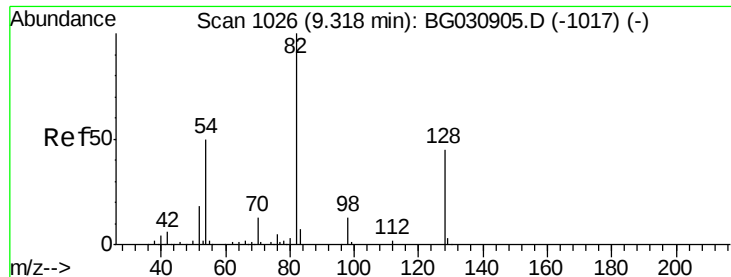
54 6.8 10.3 15.5#

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

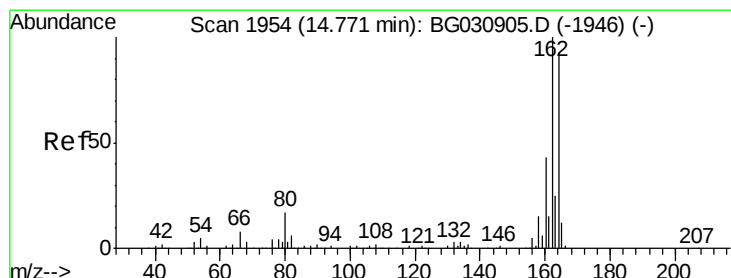
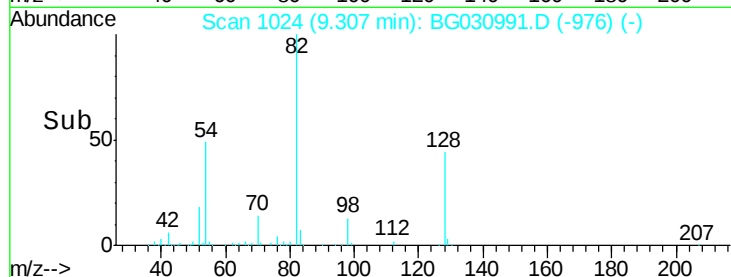
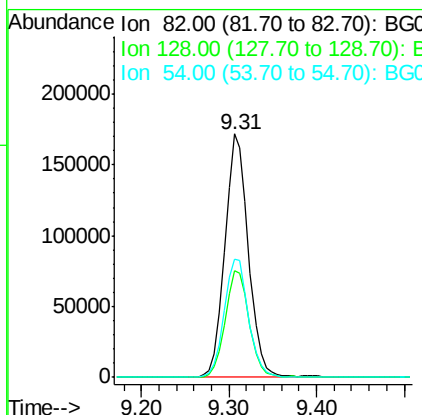
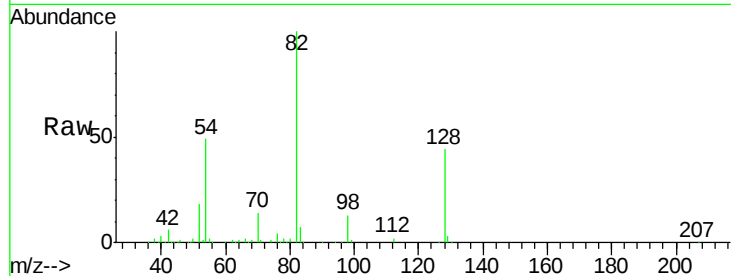




#23
 Nitrobenzene-d5
 Concen: 94.31 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG030991.D
 Acq: 14 Nov 2017 2:51

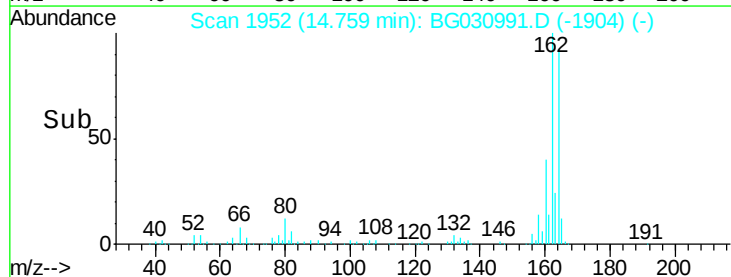
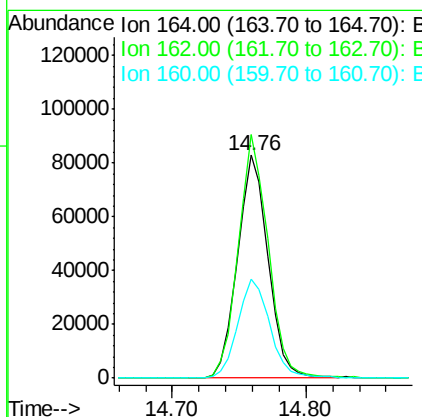
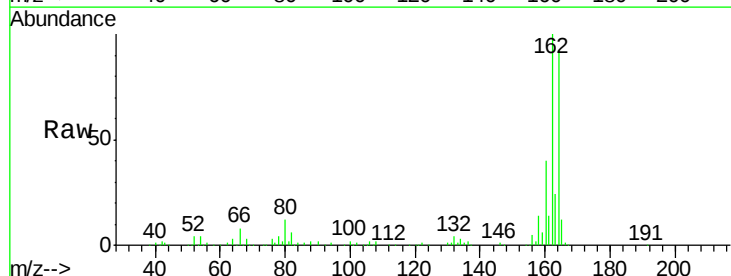
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-H

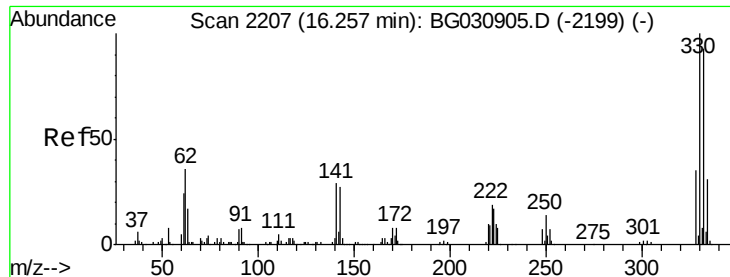
Tgt Ion: 82 Resp: 316592
 Ion Ratio Lower Upper
 82 100
 128 43.6 29.7 44.5
 54 48.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG030991.D
 Acq: 14 Nov 2017 2:51

Tgt Ion: 164 Resp: 131412
 Ion Ratio Lower Upper
 164 100
 162 109.2 78.8 118.2
 160 44.1 35.4 53.0

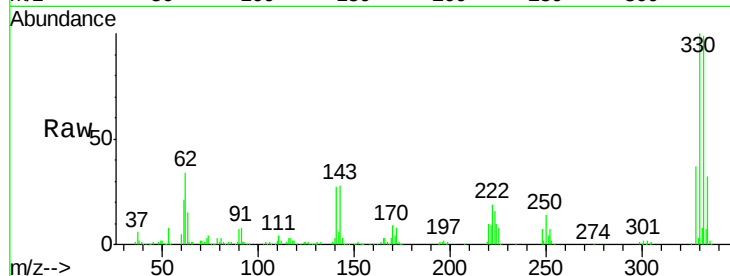




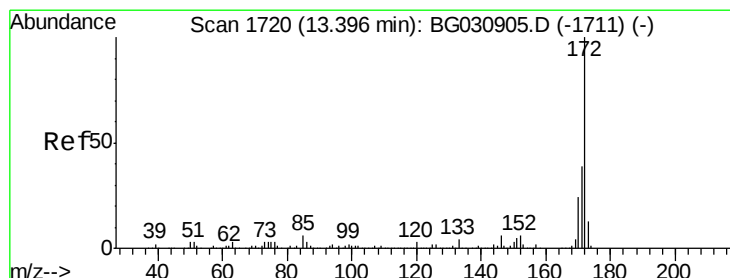
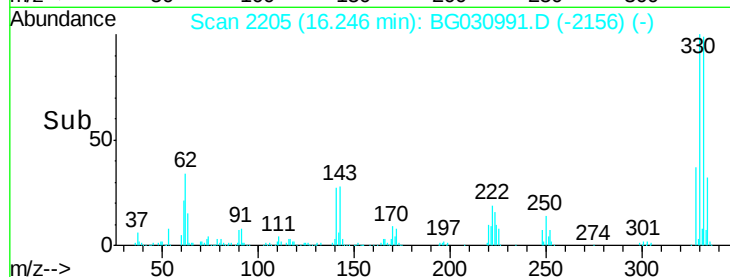
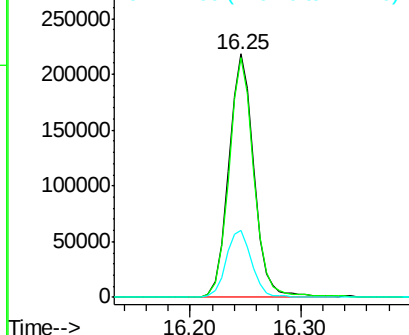
#41
 2,4,6-Tribromophenol
 Concen: 163.96 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030991.D
 Acq: 14 Nov 2017 2:51

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	28.0	25.2	37.8

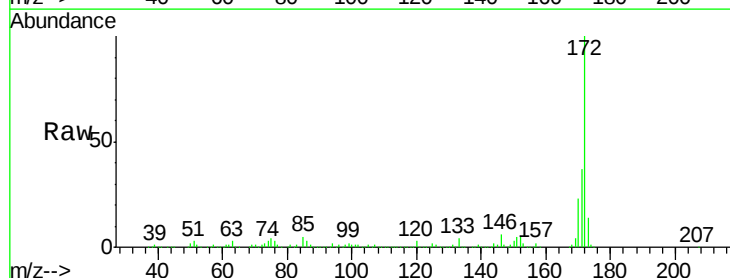


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

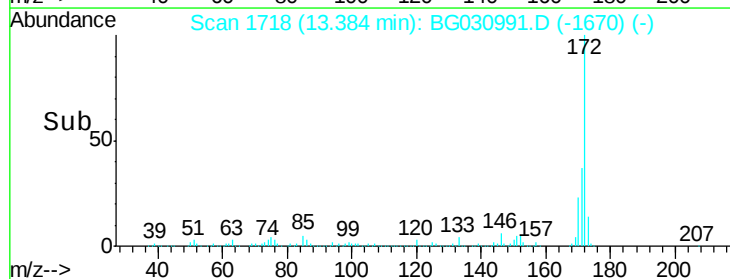
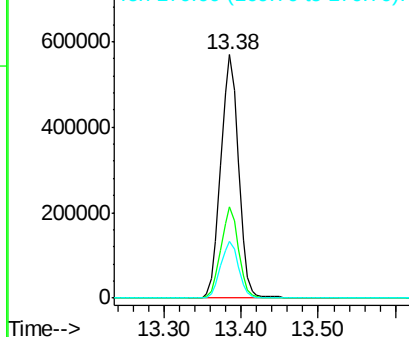


#44
 2-Fluorobiphenyl
 Concen: 99.88 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030991.D
 Acq: 14 Nov 2017 2:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.5	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

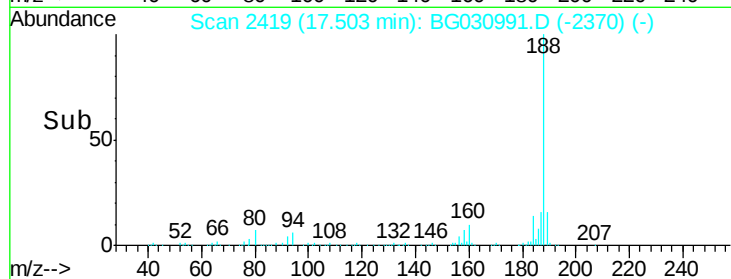
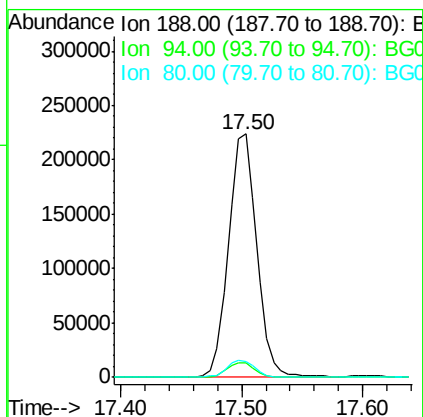
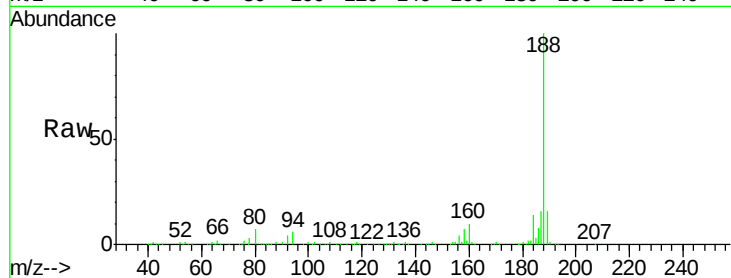




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030991.D
Acq: 14 Nov 2017 2:51

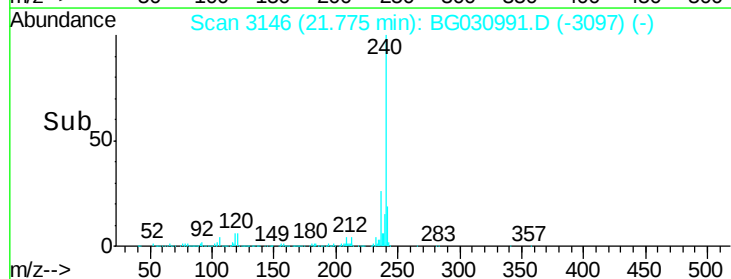
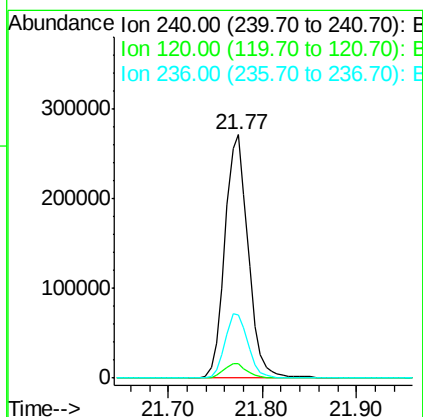
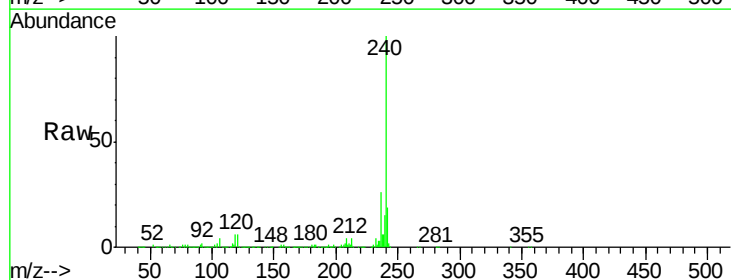
Instrument :
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JC-02-110917-H

Tgt Ion:188 Resp: 365321
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 6.6 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: BG030991.D
Acq: 14 Nov 2017 2:51

Tgt Ion:240 Resp: 468002
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 26.0 20.9 31.3

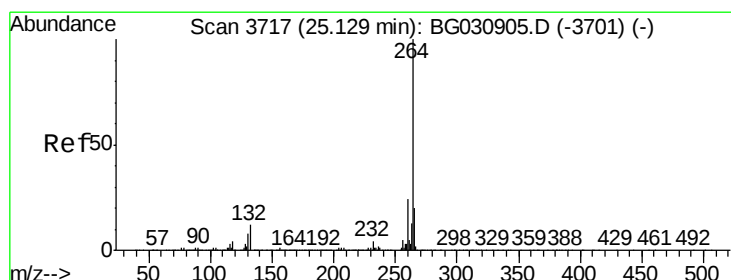
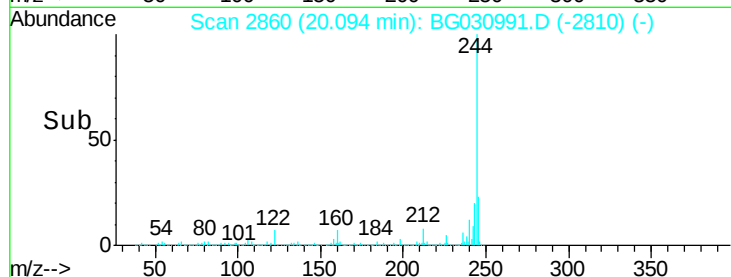
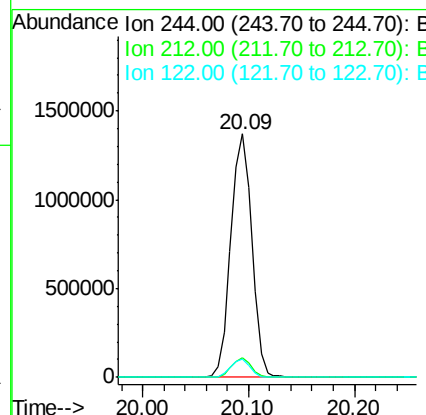
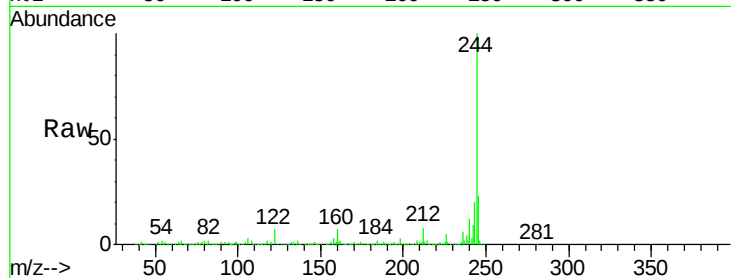




#78
 Terphenyl-d14
 Concen: 88.77 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.00 min
 Lab File: BG030991.D
 Acq: 14 Nov 2017 2:51

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

Tgt Ion:244 Resp: 1881435
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 7.4 7.0 10.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.08 min Scan# 3708
 Delta R.T. -0.02 min
 Lab File: BG030991.D
 Acq: 14 Nov 2017 2:51

Tgt Ion:264 Resp: 468278
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.4 26.0
 265 20.9 17.7 26.5

