

Data File : BG030983.D
Acq On : 13 Nov 2017 21:24
Operator : SJ/JU
Sample : I6390-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
3N-22

Quant Time: Nov 14 04:57:20 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	41757	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	174509	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	127132	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	338896	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	407071	20.00	ng	-0.02
86) Perylene-d12	25.06	264	419021	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	217056	89.13	ng	0.00
7) Phenol-d6	7.31	99	289209	88.16	ng	0.00
23) Nitrobenzene-d5	9.31	82	175249	59.51	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	212553	103.35	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	552296	62.42	ng	-0.02
78) Terphenyl-d14	20.09	244	1090429	59.15	ng	-0.01
Target Compounds						
10) Phenol	7.34	94	13169	3.87	ng	Qvalue 95
49) Dimethylphthalate	14.21	163	47350	4.31	ng	# 98
62) Azobenzene	16.10	77	23994	2.82	ng	# 1

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

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3N-22

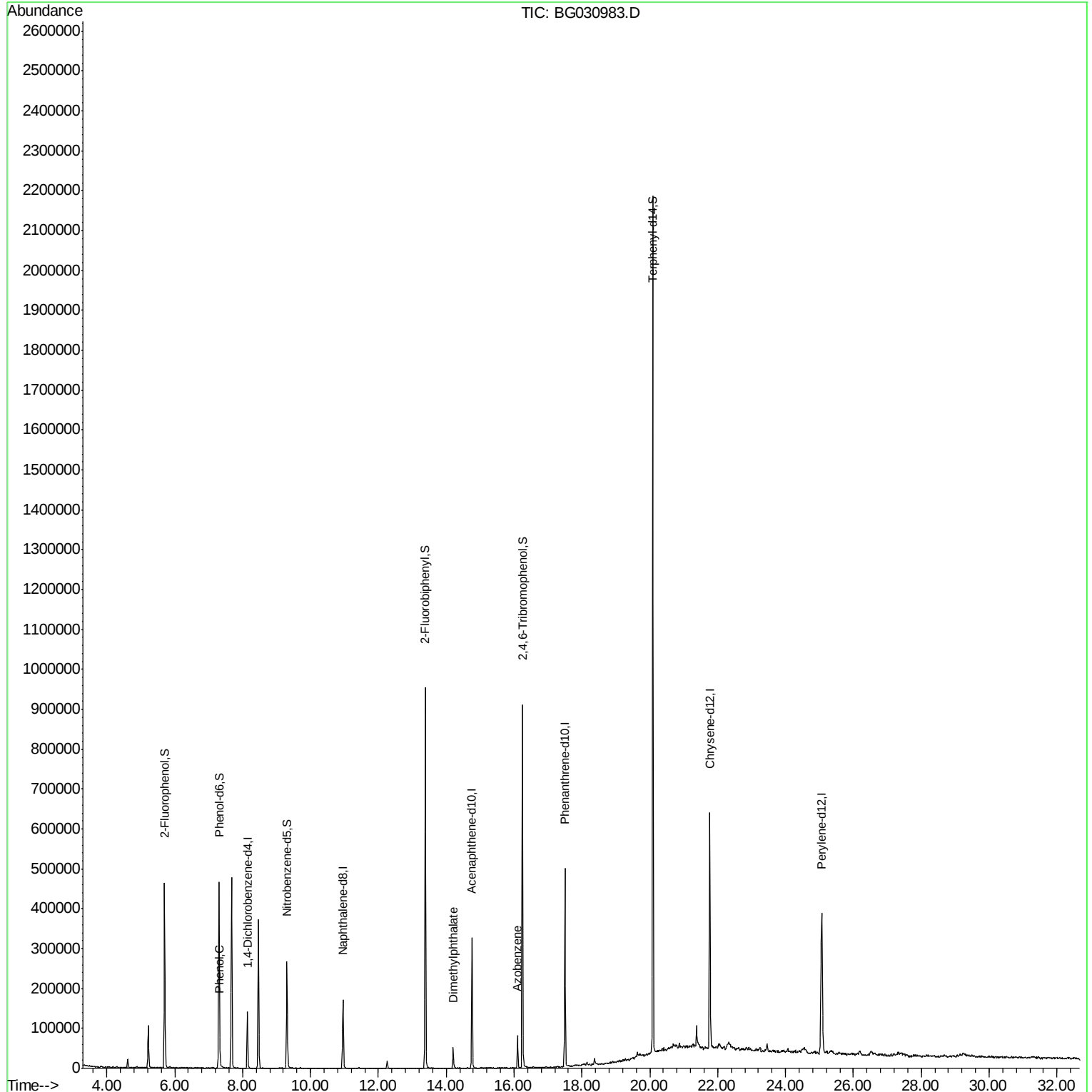
Quant Time: Nov 14 04:57:20 2017

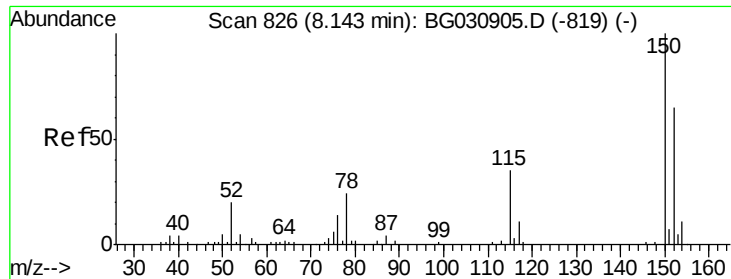
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M

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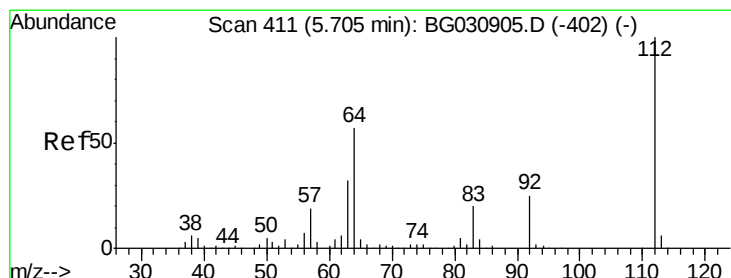
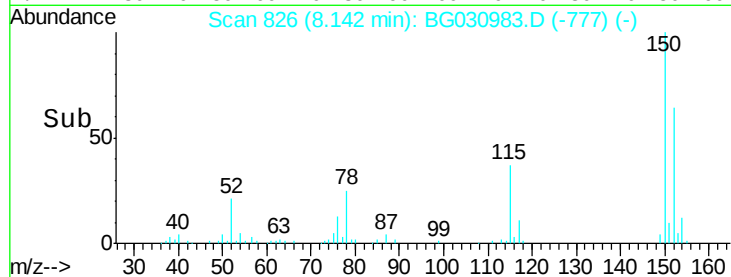
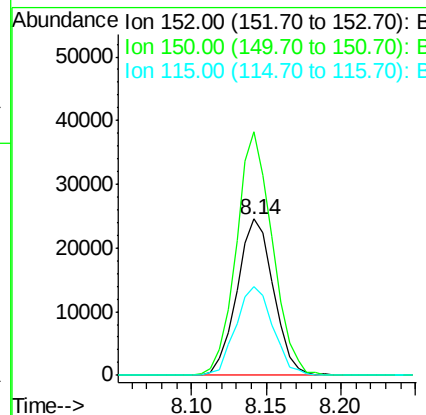
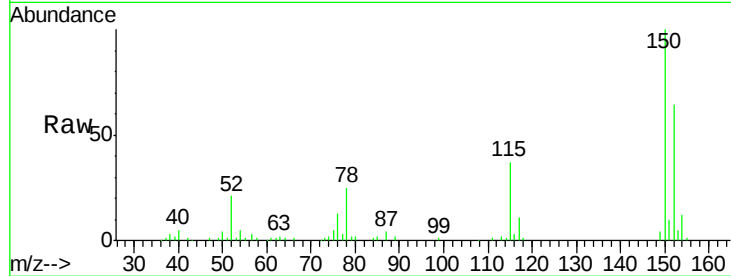


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG030983.D
 Acq: 13 Nov 2017 21:24

Instrument :
 BNA_G
 ClientSampled :
 3N-22

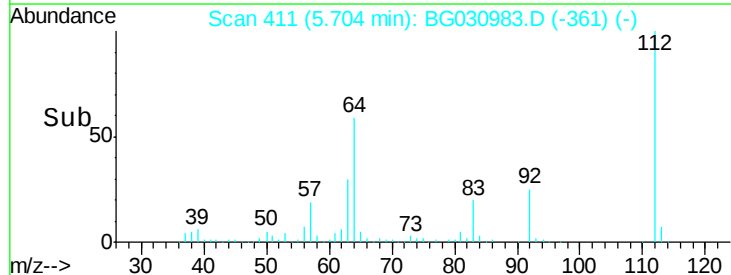
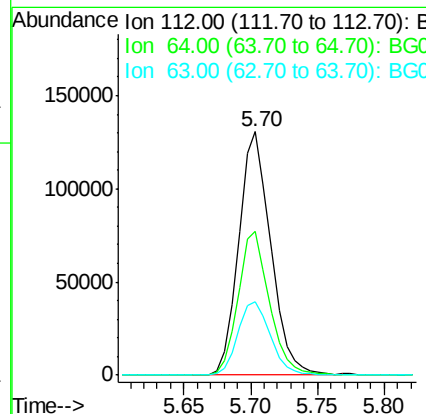
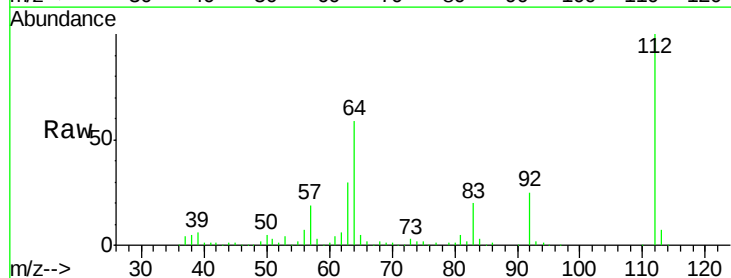
Tgt Ion:152 Resp: 41757
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.6 189.8
 115 57.2 53.0 79.4

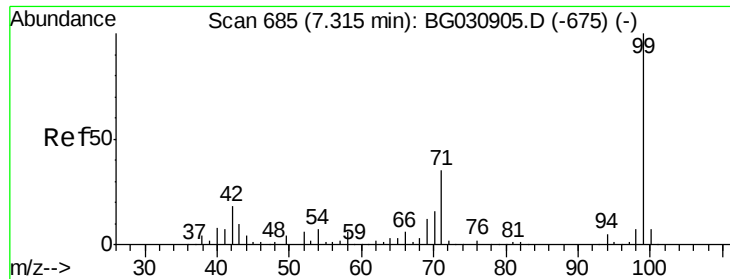


#5

2-Fluorophenol
 Concen: 89.13 ng
 RT: 5.70 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BG030983.D
 Acq: 13 Nov 2017 21:24

Tgt Ion:112 Resp: 217056
 Ion Ratio Lower Upper
 112 100
 64 58.8 56.3 84.5
 63 30.4 30.1 45.1





#7

Phenol-d6

Concen: 88.16 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030983.D

Acq: 13 Nov 2017 21:24

Instrument :

BNA_G

ClientSampleId :

3N-22

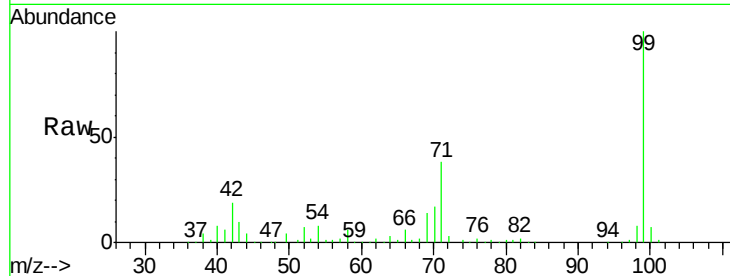
Tgt Ion: 99 Resp: 289209

Ion Ratio Lower Upper

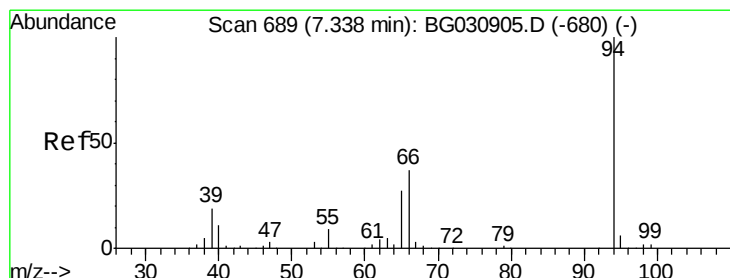
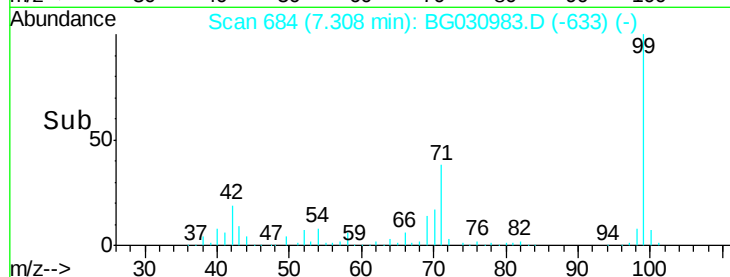
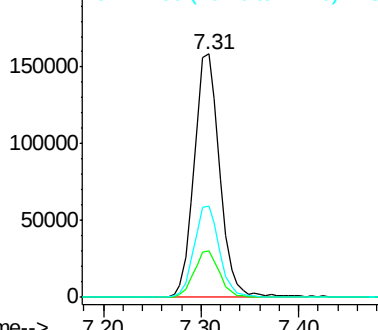
99 100

42 19.3 14.1 21.1

71 37.5 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: 3.87 ng

RT: 7.34 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG030983.D

Acq: 13 Nov 2017 21:24

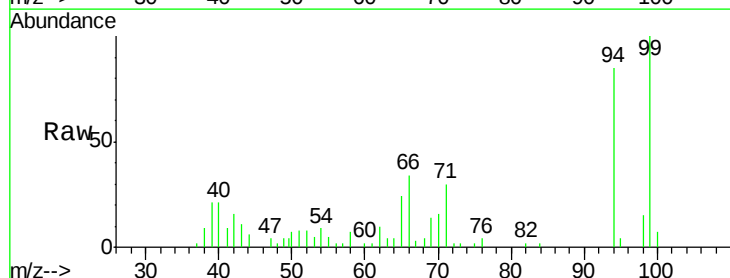
Tgt Ion: 94 Resp: 13169

Ion Ratio Lower Upper

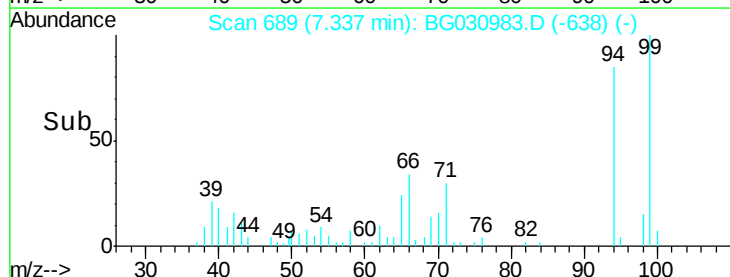
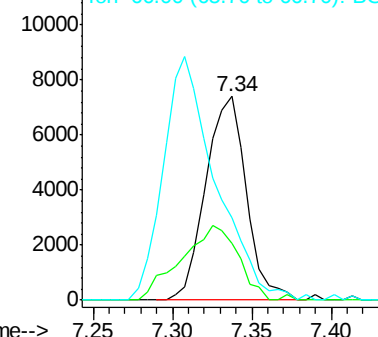
94 100

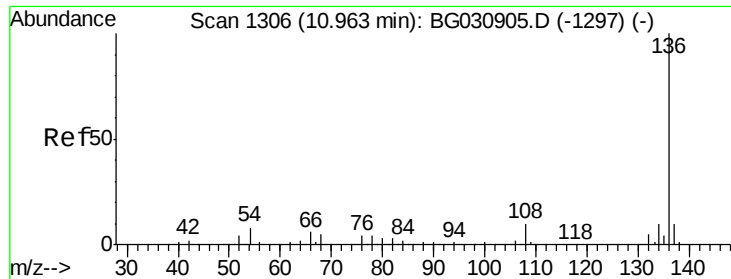
65 27.9 11.9 51.9

66 40.2 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

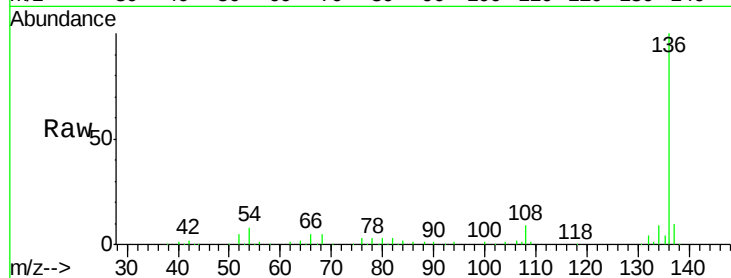




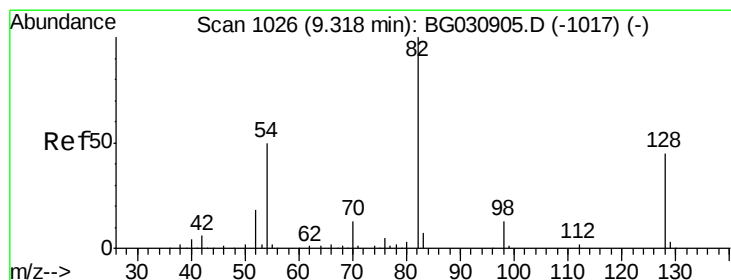
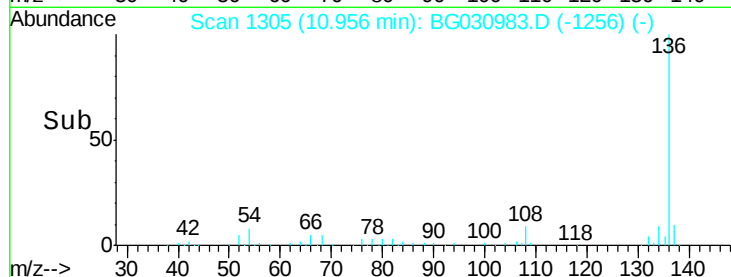
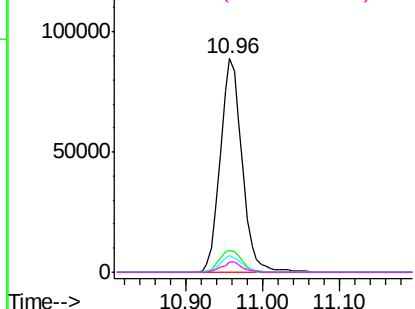
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG030983.D
Acq: 13 Nov 2017 21:24

Instrument :
BNA_G
ClientSampleId :
3N-22

Tgt Ion:	136	Resp:	174509
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	7.9	10.3	15.5#
68	4.6	4.5	6.7

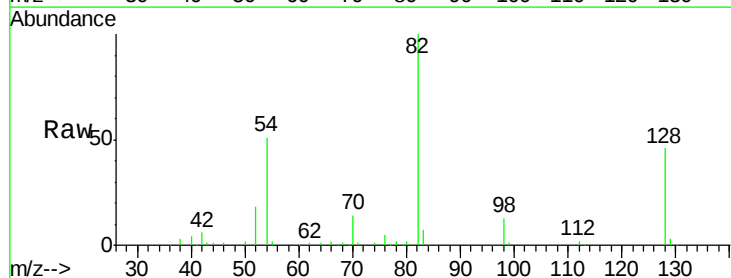


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

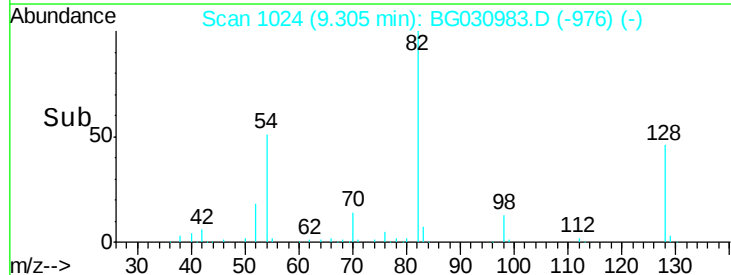
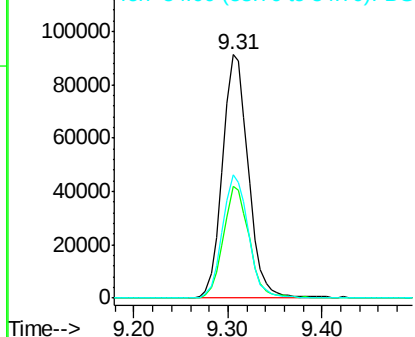


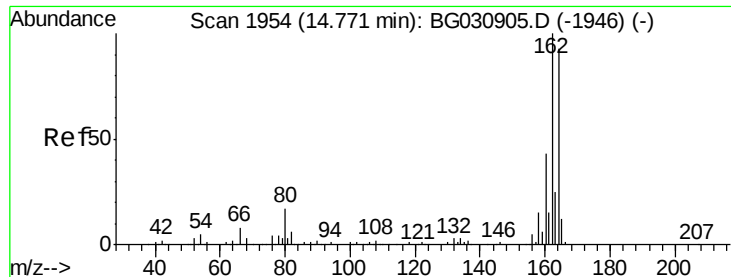
#23
Nitrobenzene-d5
Concen: 59.51 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG030983.D
Acq: 13 Nov 2017 21:24

Tgt Ion:	82	Resp:	175249
Ion	Ratio	Lower	Upper
82	100		
128	45.7	29.7	44.5#
54	50.9	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: 20.00 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG030983.D

Acq: 13 Nov 2017 21:24

Instrument :

BNA_G

ClientSampleId :

3N-22

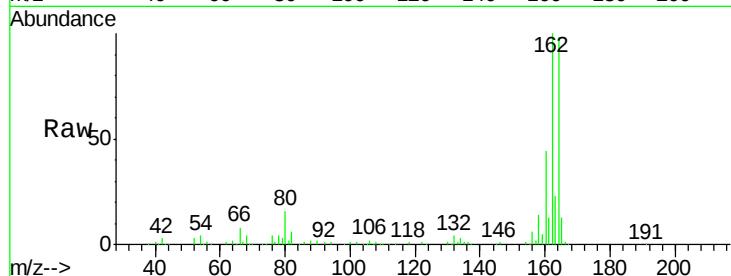
Tgt Ion:164 Resp: 127132

Ion Ratio Lower Upper

164 100

162 102.3 78.8 118.2

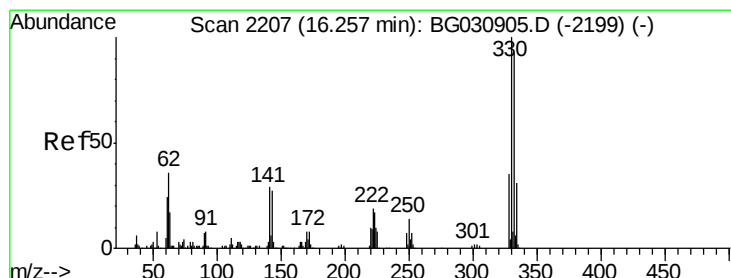
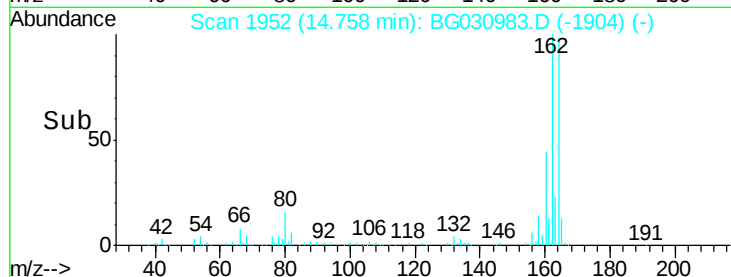
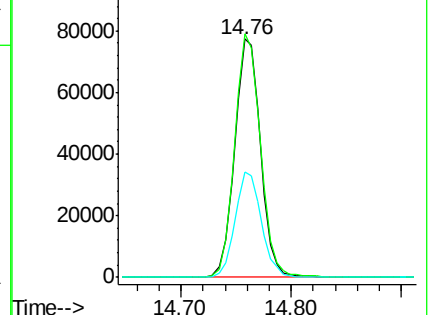
160 44.5 35.4 53.0



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: 103.35 ng

RT: 16.24 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG030983.D

Acq: 13 Nov 2017 21:24

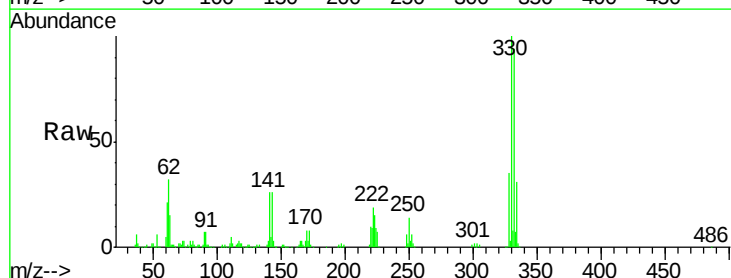
Tgt Ion:330 Resp: 212553

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

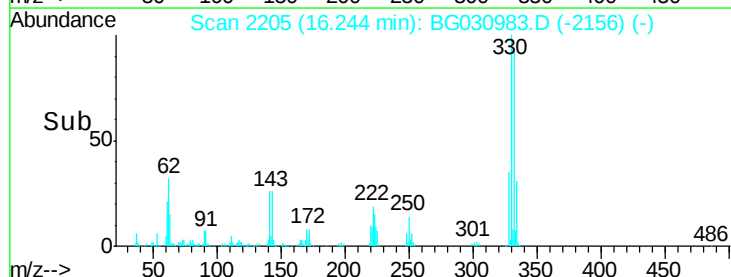
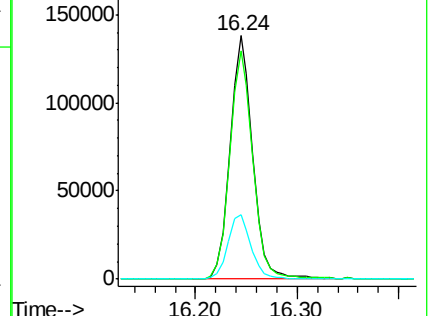
141 27.1 25.2 37.8

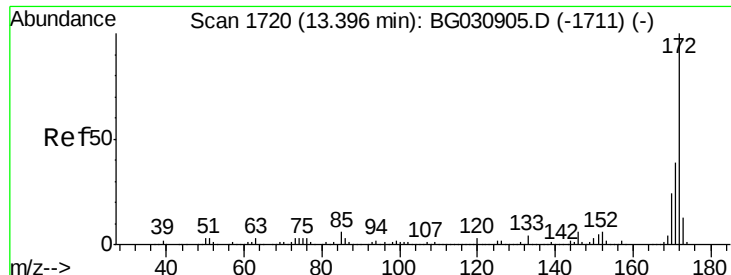


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

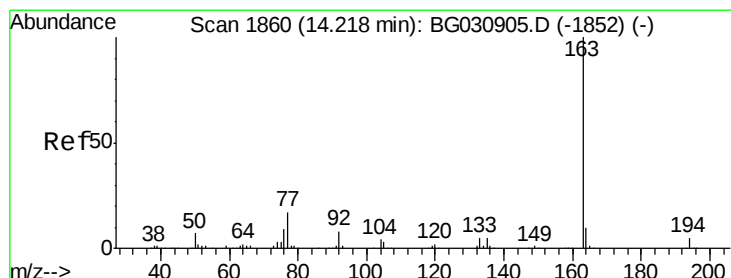
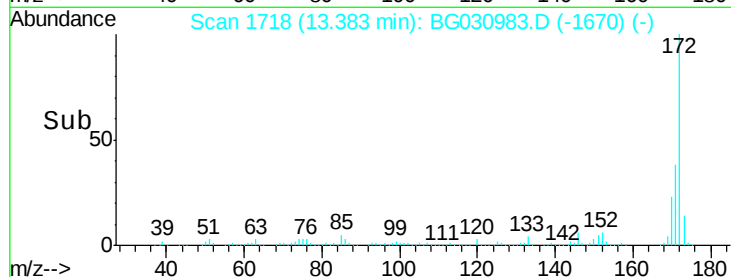
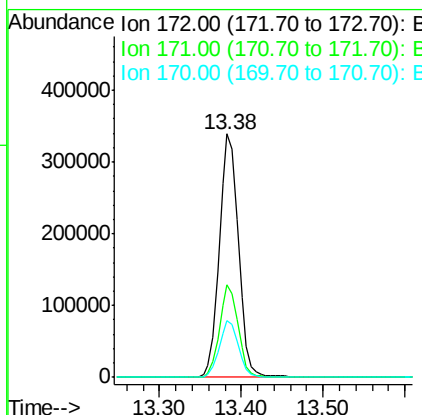
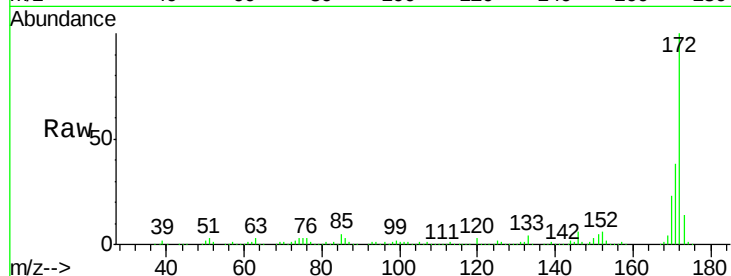




#44
 2-Fluorobiphenyl
 Concen: 62.42 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030983.D
 Acq: 13 Nov 2017 21:24

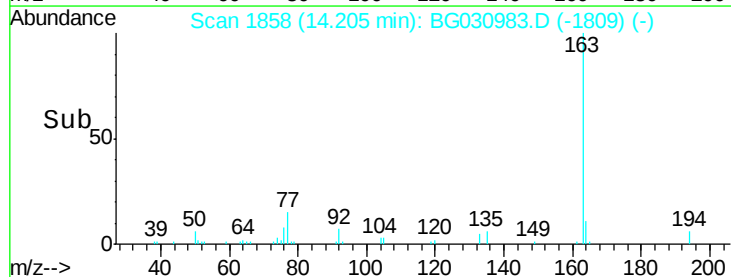
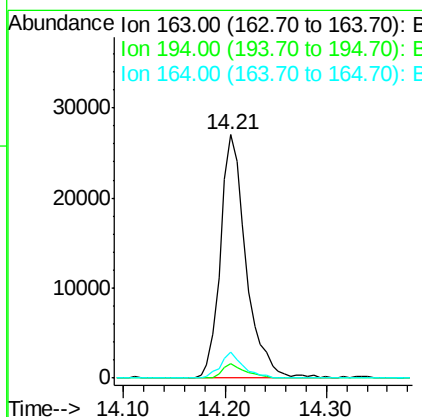
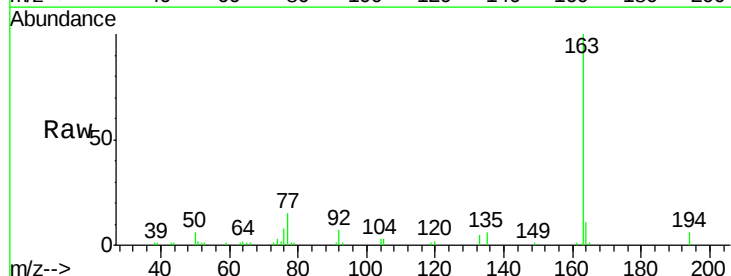
Instrument :
 BNA_G
 ClientSampleId :
 3N-22

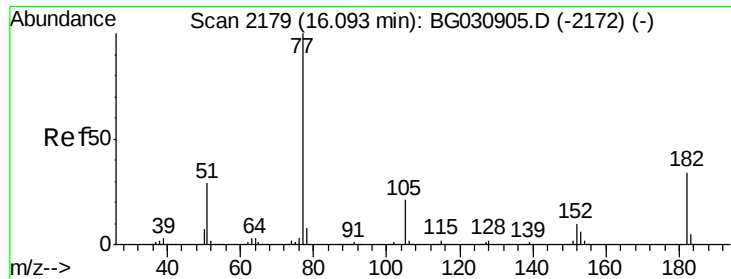
Tgt Ion:172 Resp: 552296
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 23.1 19.5 29.3



#49
 Dimethylphthalate
 Concen: 4.31 ng
 RT: 14.21 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BG030983.D
 Acq: 13 Nov 2017 21:24

Tgt Ion:163 Resp: 47350
 Ion Ratio Lower Upper
 163 100
 194 5.8 3.4 5.2#
 164 10.8 8.2 12.4

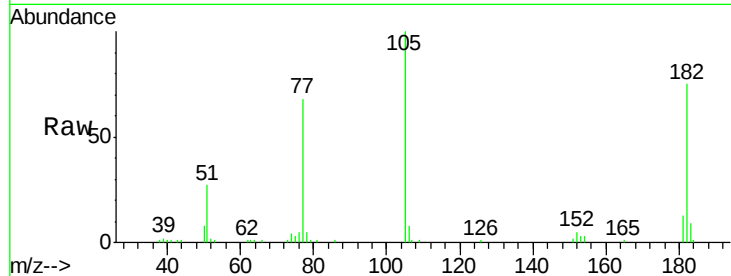




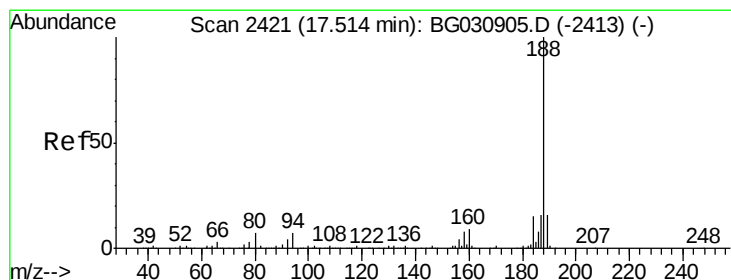
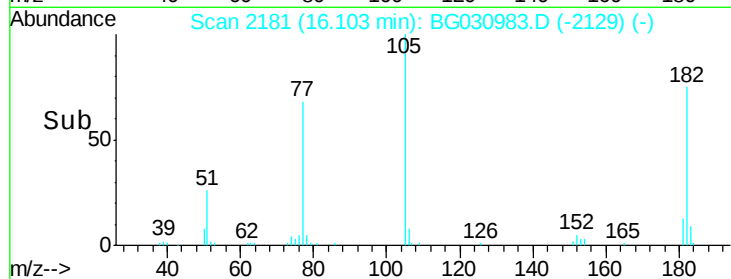
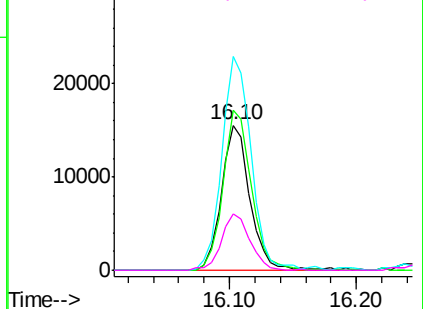
#62
Azobenzene
Concen: 2.82 ng
RT: 16.10 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BG030983.D
Acq: 13 Nov 2017 21:24

Instrument :
BNA_G
ClientSampleId :
3N-22

Tgt Ion: 77 Resp: 23994
Ion Ratio Lower Upper
77 100
182 110.5 7.4 47.4#
105 147.5 0.3 40.3#
51 39.3 11.6 51.6

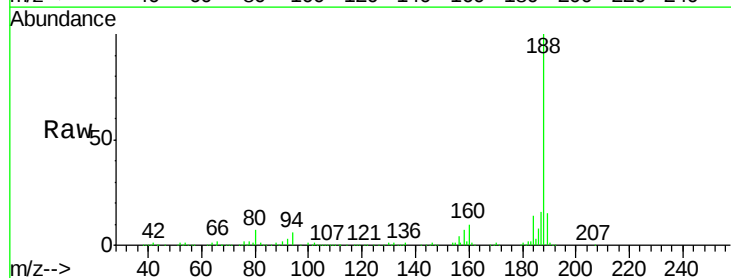


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

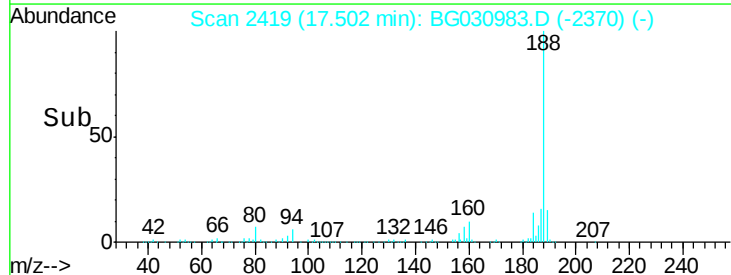
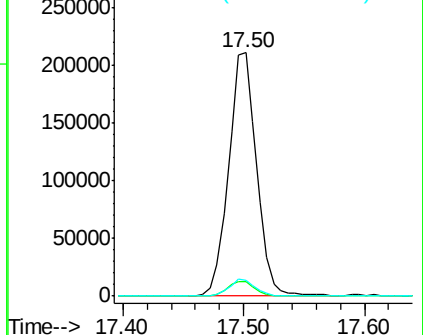


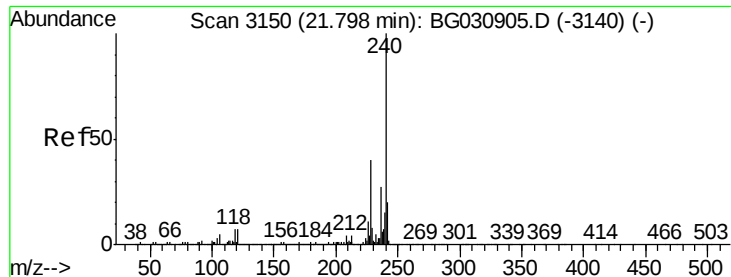
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030983.D
Acq: 13 Nov 2017 21:24

Tgt Ion: 188 Resp: 338896
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 6.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG030983.D

Acq: 13 Nov 2017 21:24

Instrument :

BNA_G

ClientSampleId :

3N-22

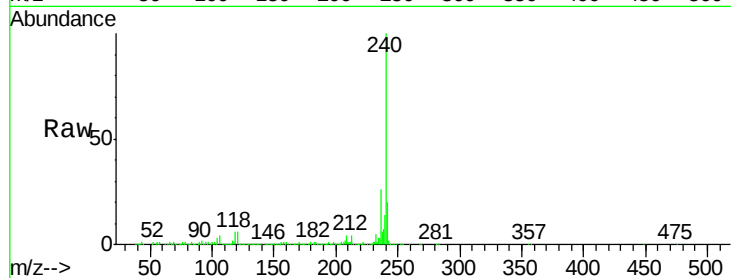
Tgt Ion:240 Resp: 407071

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

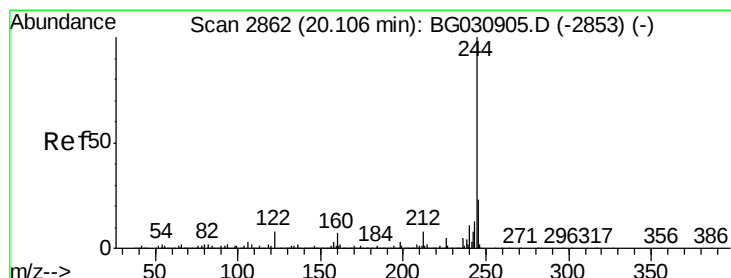
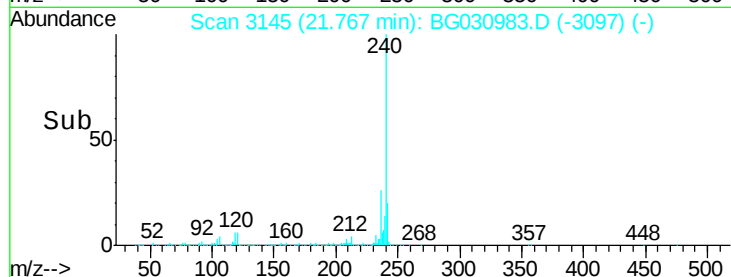
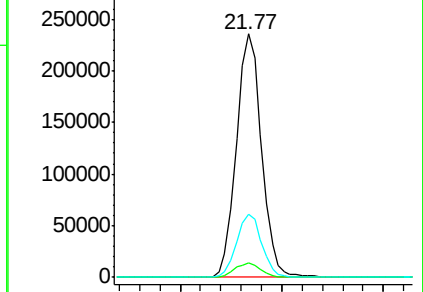
236 25.9 20.9 31.3



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



#78

Terphenyl-d14

Concen: 59.15 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG030983.D

Acq: 13 Nov 2017 21:24

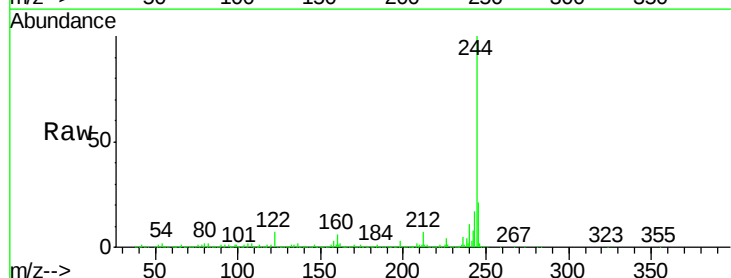
Tgt Ion:244 Resp: 1090429

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

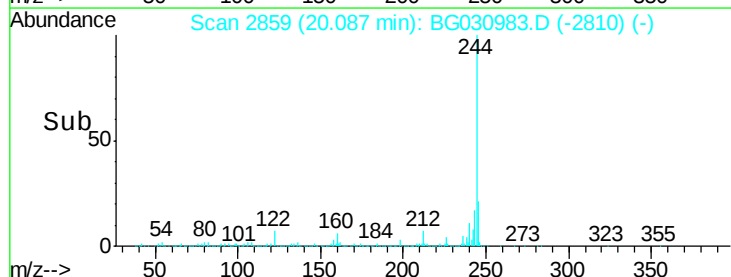
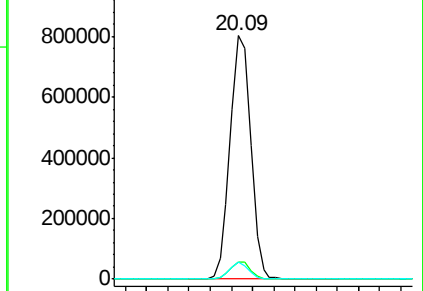
122 6.9 7.0 10.4#

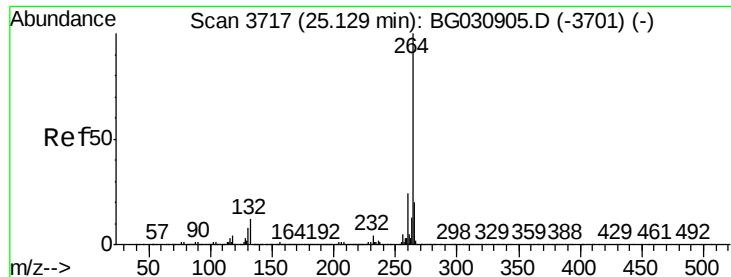


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

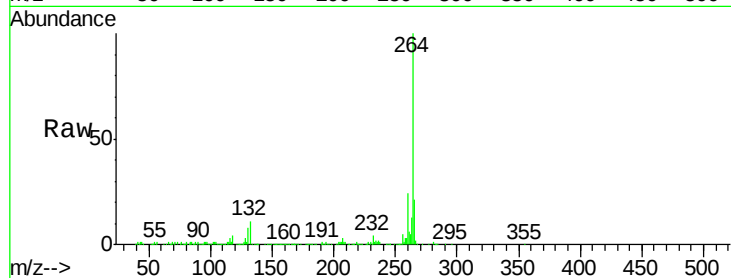




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG030983.D
Acq: 13 Nov 2017 21:24

Instrument :
BNA_G
ClientSampleId :
3N-22

Tgt Ion:	264	Resp:	419021
Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	20.6	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

