

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111317\
 Data File : BG030990.D
 Acq On : 14 Nov 2017 2:14
 Operator : SJ/JU
 Sample : I6301-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Nov 14 07:22:41 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

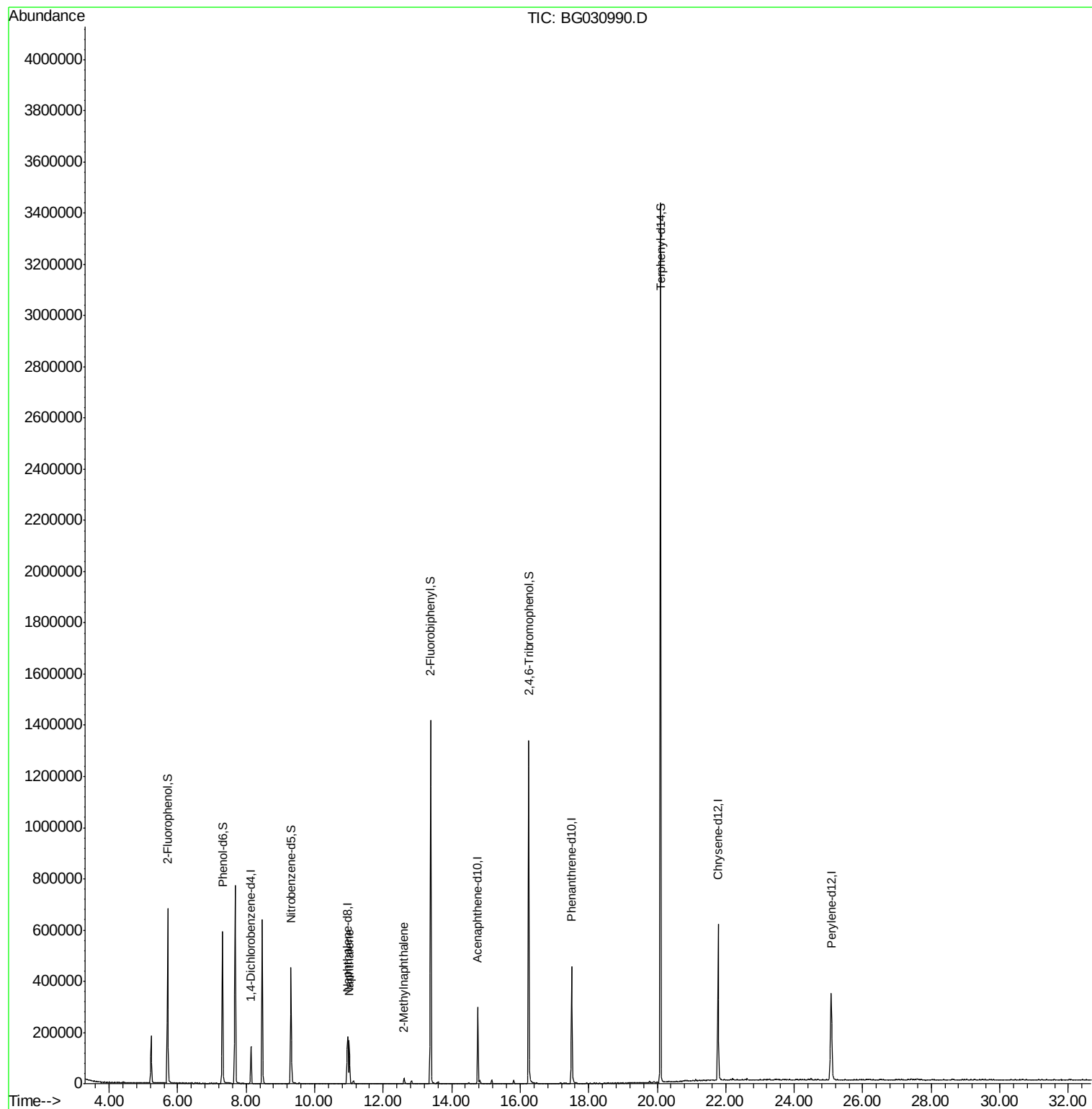
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43387	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	176101	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	114763	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	309410	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	431660	20.00	ng	0.00
86) Perylene-d12	25.08	264	430142	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	329271	130.14	ng	0.00
7) Phenol-d6	7.31	99	365463	107.21	ng	0.00
23) Nitrobenzene-d5	9.31	82	289567	97.44	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	315449	169.92	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	831043	104.05	ng	-0.01
78) Terphenyl-d14	20.10	244	1765978	90.34	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	150998	17.442	ng	99
37) 2-Methylnaphthalene	12.60	142	14000	2.095	ng	91

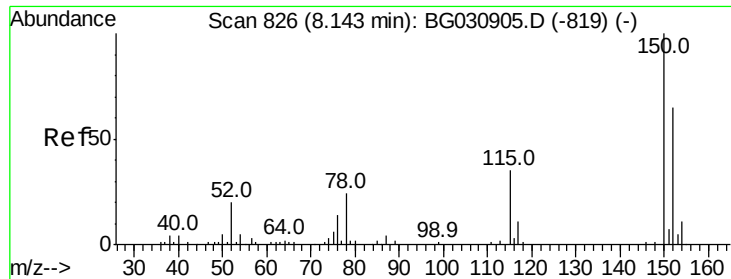
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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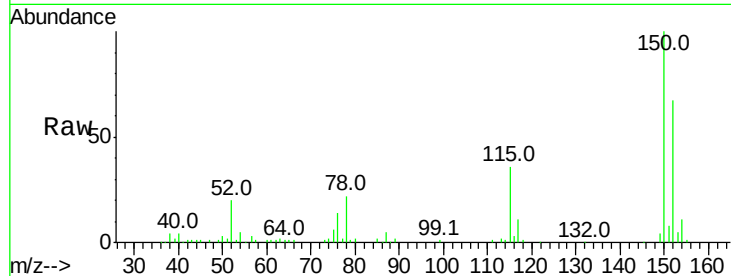


#1

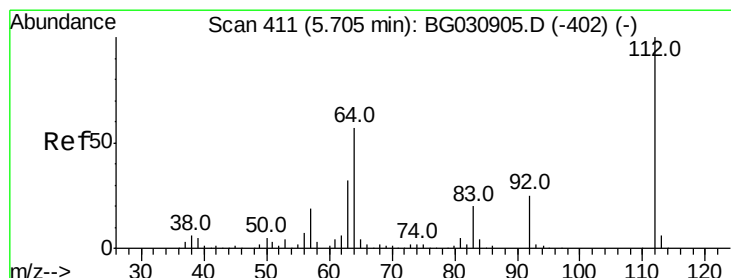
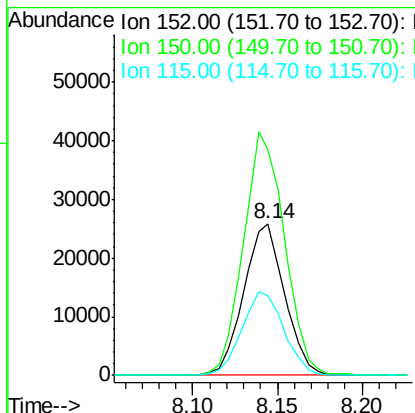
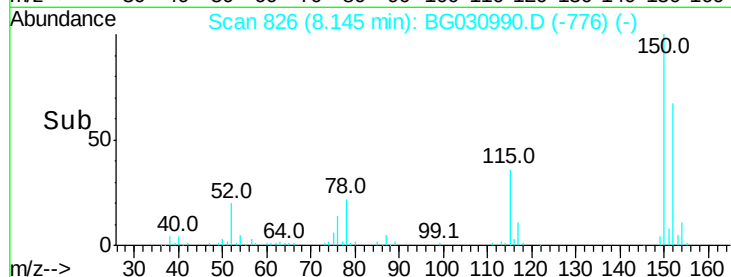
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG030990.D
 Acq: 14 Nov 2017 2:14

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

Tot Ion:152 Resp: 43387
 Ion Ratio Lower Upper
 152 100
 150 148.9 126.6 189.8
 115 52.9 53.0 79.4#



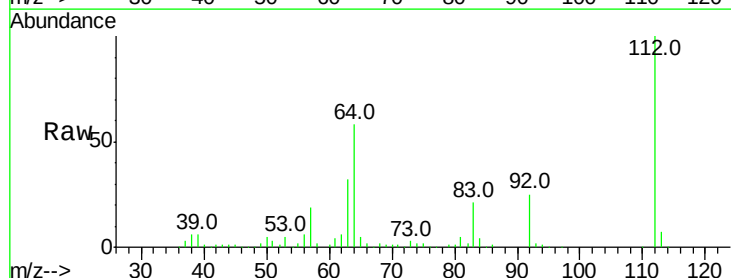
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



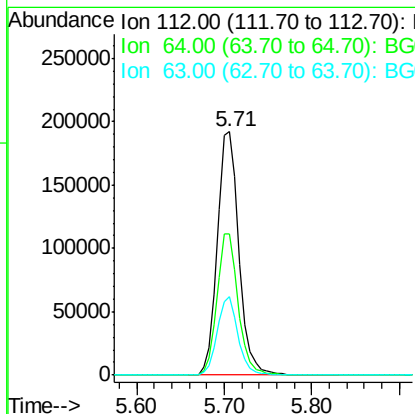
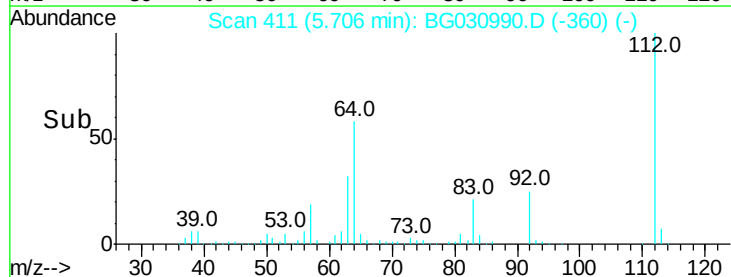
#5

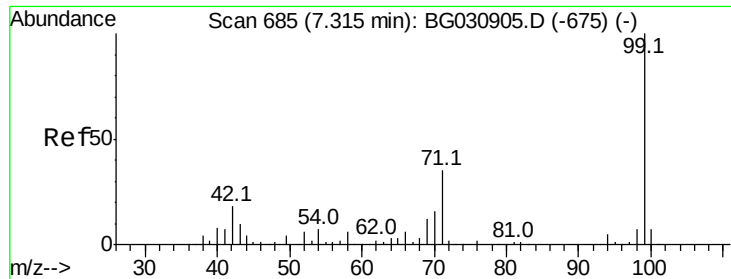
2-Fluorophenol
 Concen: 130.136 ng
 RT: 5.71 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BG030990.D
 Acq: 14 Nov 2017 2:14

Tgt Ion:112 Resp: 329271
 Ion Ratio Lower Upper
 112 100
 64 57.9 56.3 84.5
 63 32.4 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: 107.213 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030990.D

Acq: 14 Nov 2017 2:14

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-G

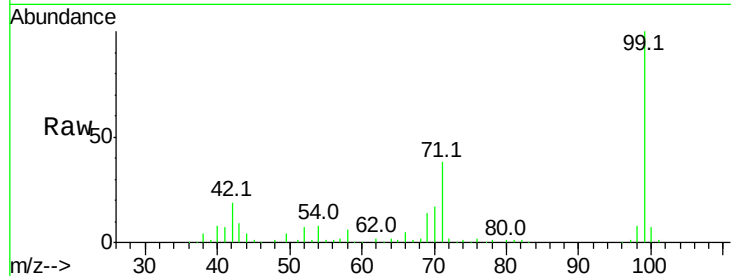
Tot Ion: 99 Resp: 365463

Ion Ratio Lower Upper

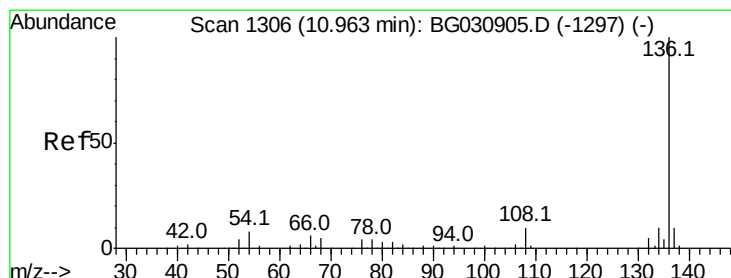
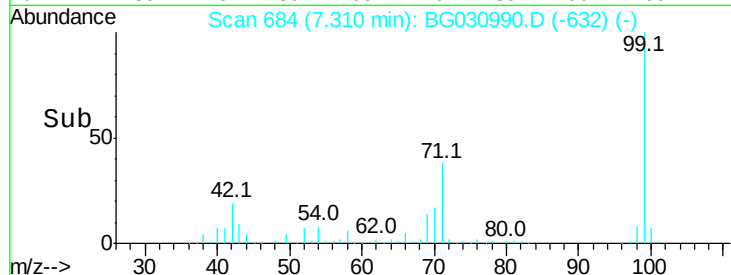
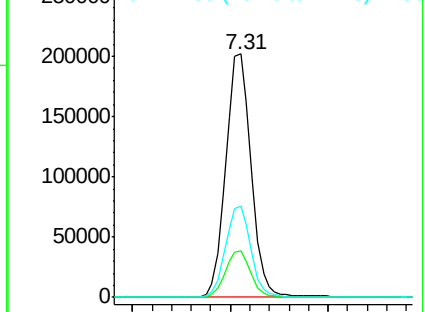
99 100

42 19.0 14.1 21.1

71 37.7 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: 20.000 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030990.D

Acq: 14 Nov 2017 2:14

Tgt Ion: 136 Resp: 176101

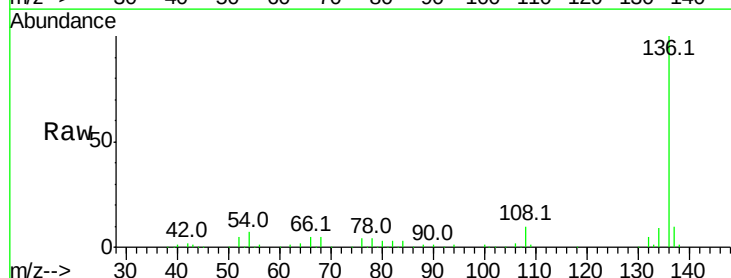
Ion Ratio Lower Upper

136 100

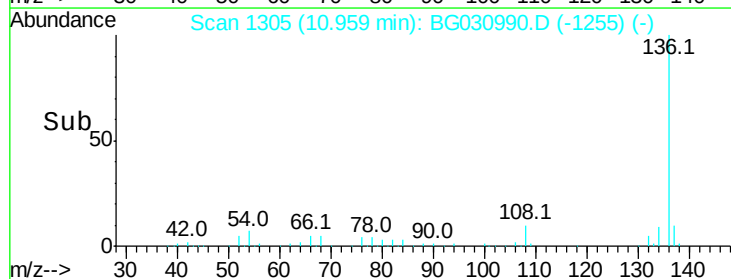
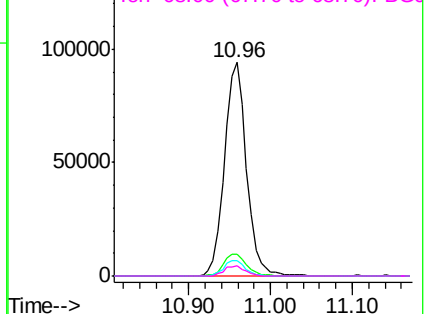
137 10.0 9.2 13.8

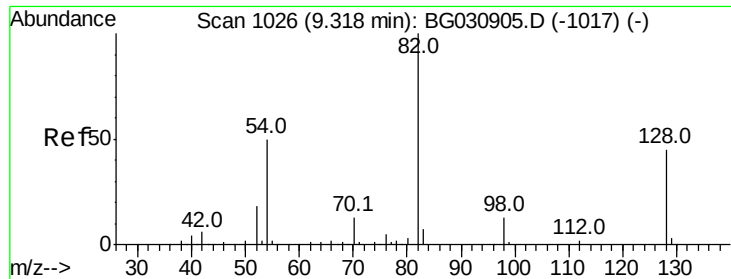
54 7.4 10.3 15.5#

68 5.0 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

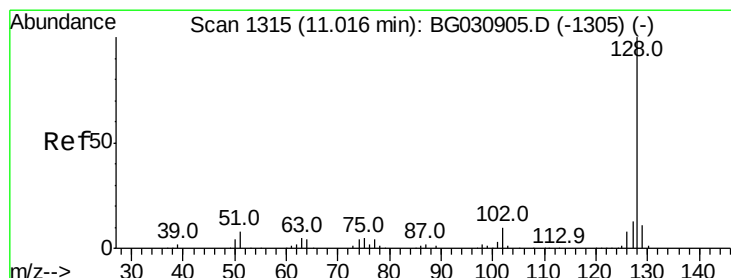
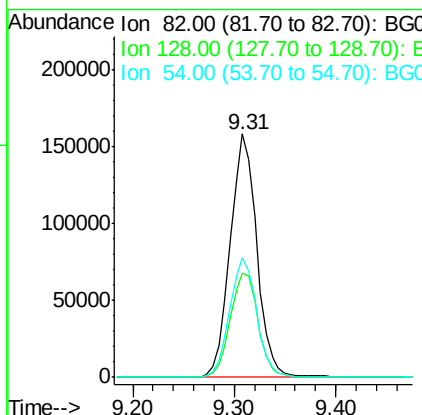
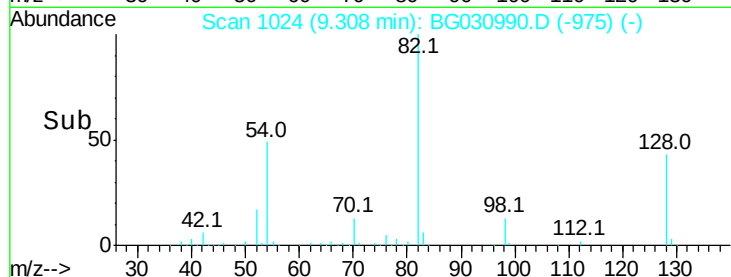
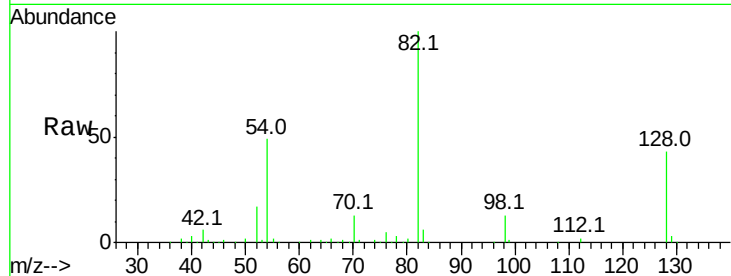




#23
 Nitrobenzene-d5
 Concen: 97.436 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG030990.D
 Acq: 14 Nov 2017 2:14

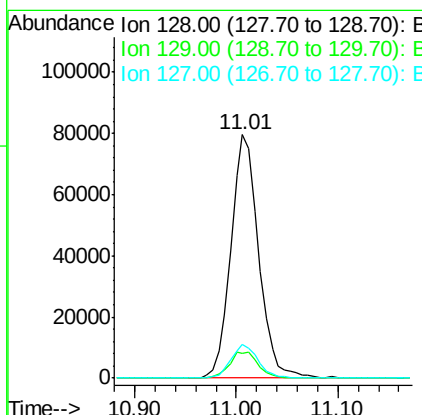
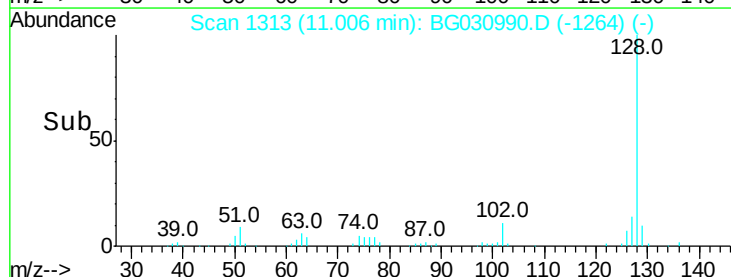
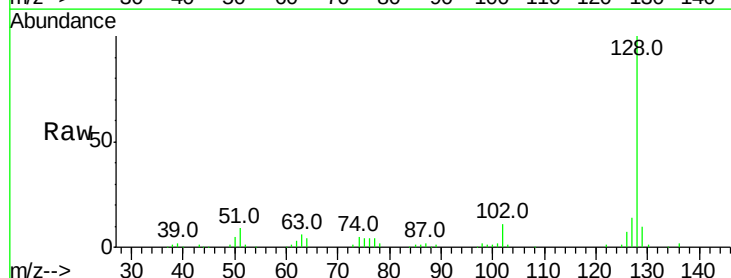
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-G

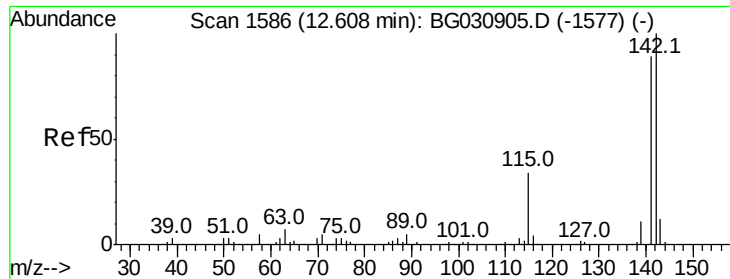
Tot Ion	82	Resp	289567
Ion Ratio	100	Lower	Upper
128	42.9	29.7	44.5
54	49.0	43.1	64.7



#31
 Naphthalene
 Concen: 17.442 ng
 RT: 11.01 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BG030990.D
 Acq: 14 Nov 2017 2:14

Tgt Ion	128	Resp	150998
Ion Ratio	100	Lower	Upper
129	10.4	8.6	12.8
127	14.1	11.6	17.4

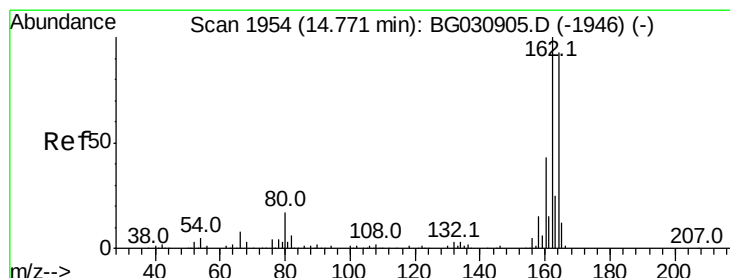
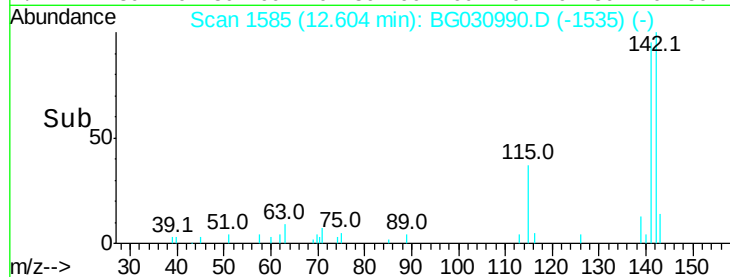
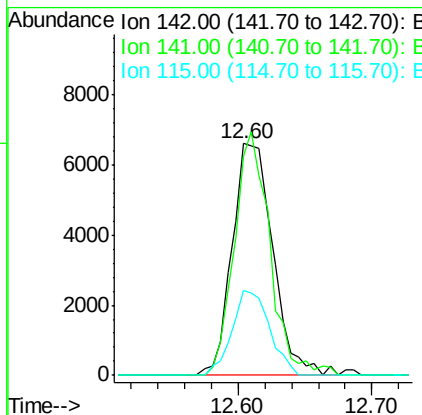
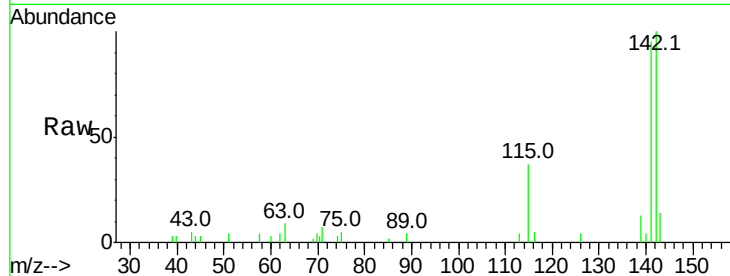




#37
 2-Methylnaphthalene
 Concen: 2.095 ng
 RT: 12.60 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BG030990.D
 Acq: 14 Nov 2017 2:14

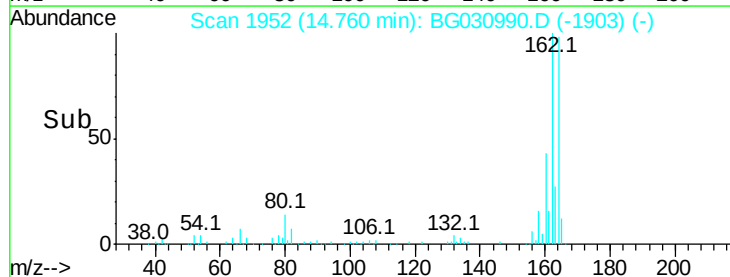
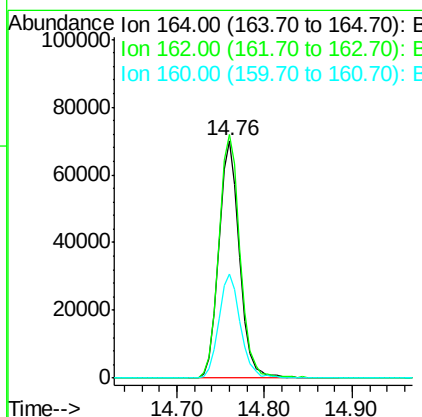
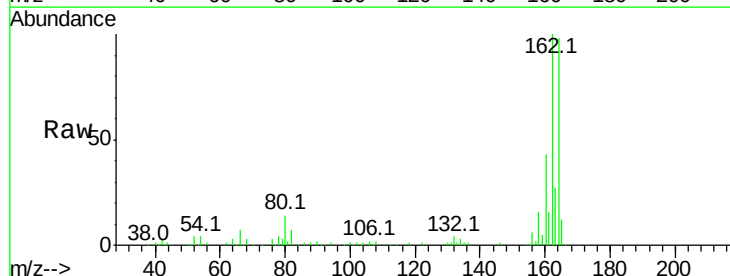
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-G

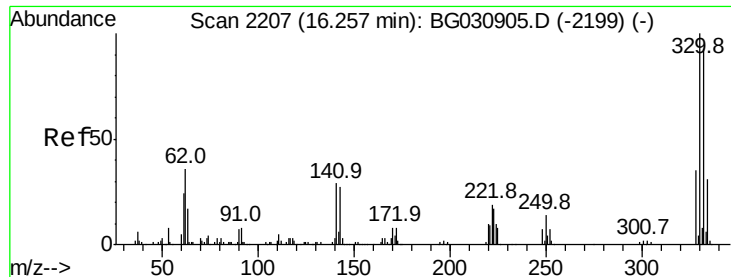
Tot Ion:142 Resp: 14000
 Ion Ratio Lower Upper
 142 100
 141 94.8 67.1 100.7
 115 36.7 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG030990.D
 Acq: 14 Nov 2017 2:14

Tgt Ion:164 Resp: 114763
 Ion Ratio Lower Upper
 164 100
 162 102.6 78.8 118.2
 160 44.1 35.4 53.0

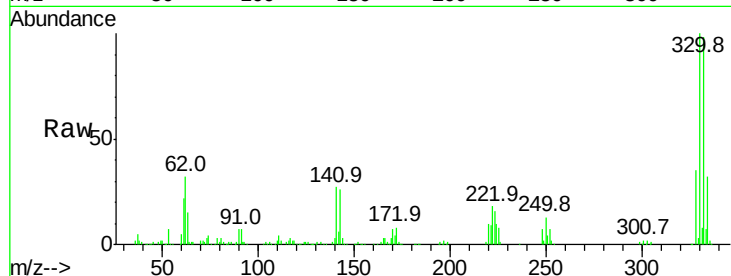




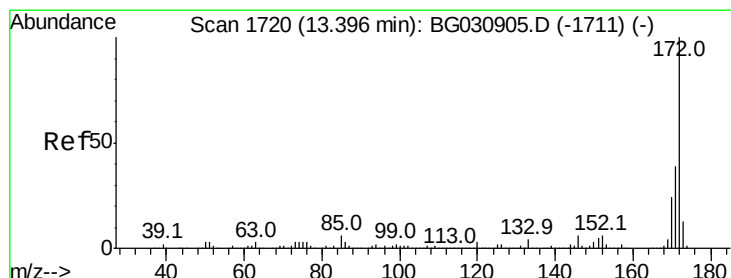
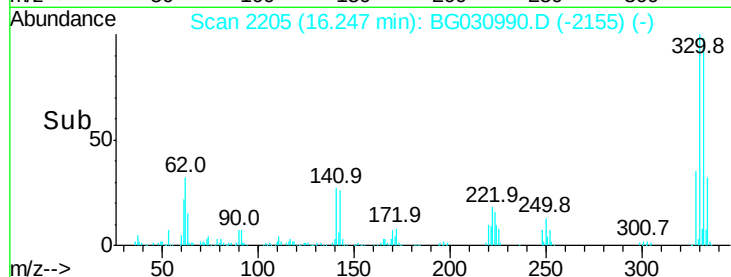
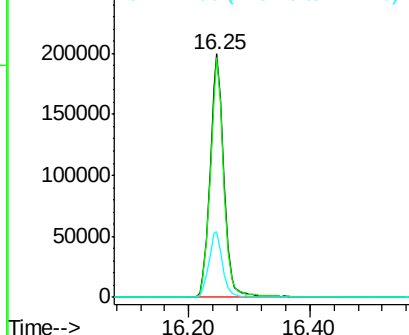
#41
 2,4,6-Tribromophenol
 Concen: 169.917 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030990.D
 Acq: 14 Nov 2017 2:14

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	26.9	25.2	37.8

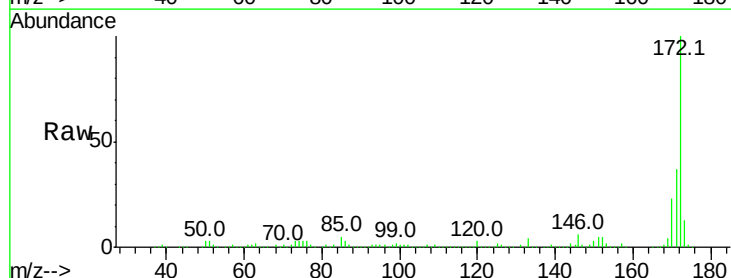


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

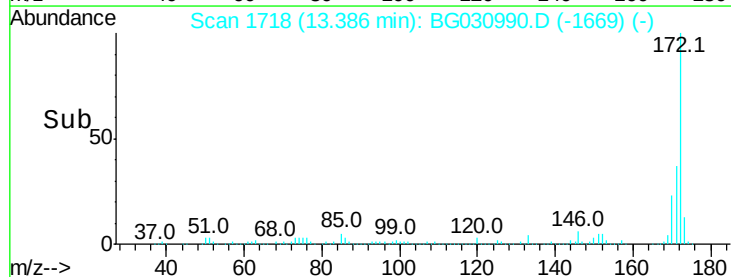
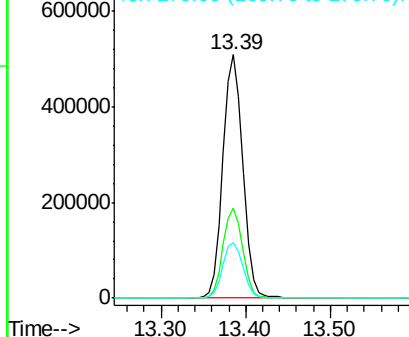


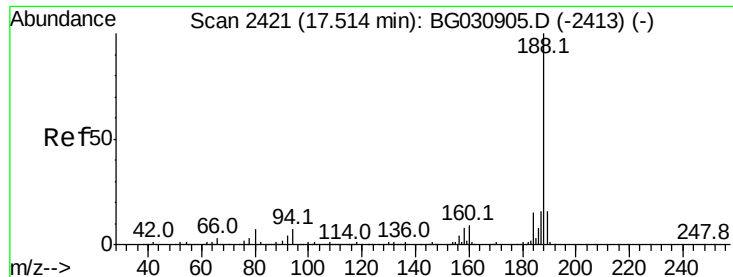
#44
 2-Fluorobiphenyl
 Concen: 104.051 ng
 RT: 13.39 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG030990.D
 Acq: 14 Nov 2017 2:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	22.5	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: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG030990.D

Acq: 14 Nov 2017 2:14

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-G

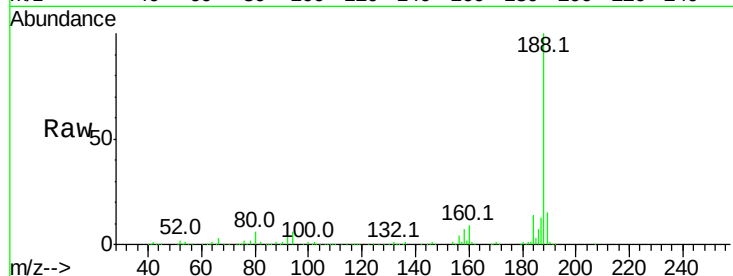
Tot Ion:188 Resp: 309410

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

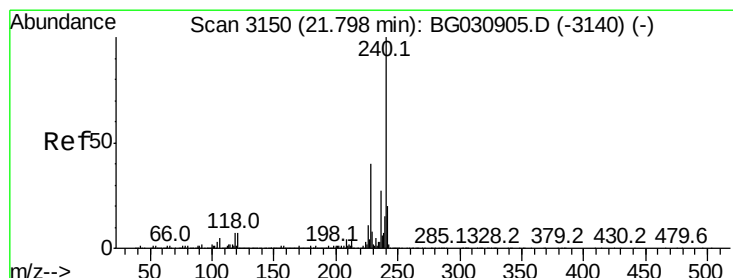
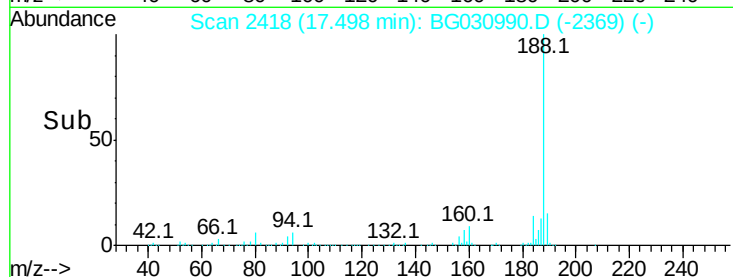
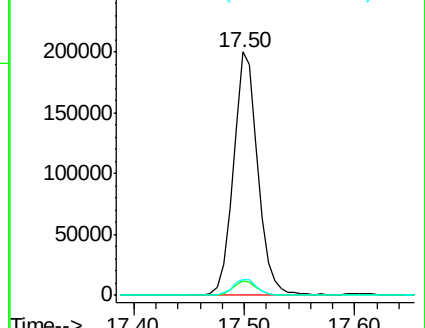
80 6.3 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030990.D

Acq: 14 Nov 2017 2:14

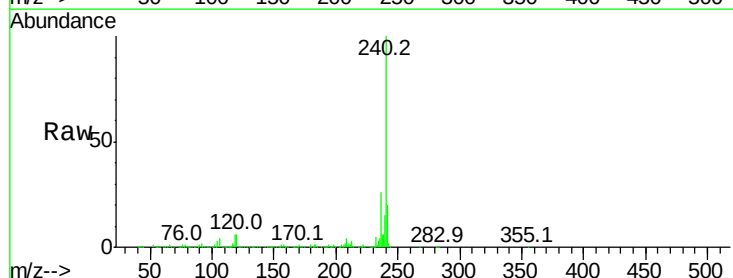
Tgt Ion:240 Resp: 431660

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

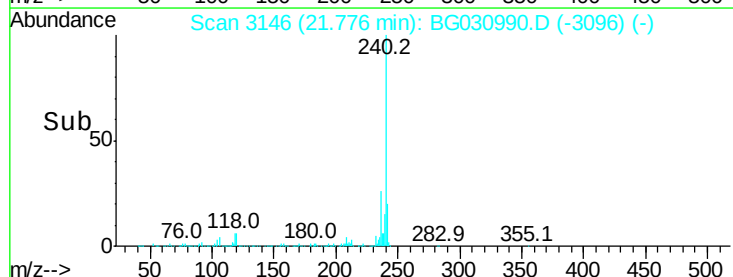
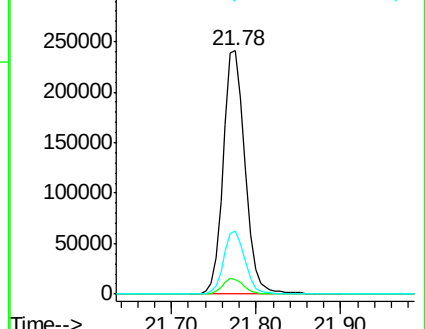
236 25.8 20.9 31.3

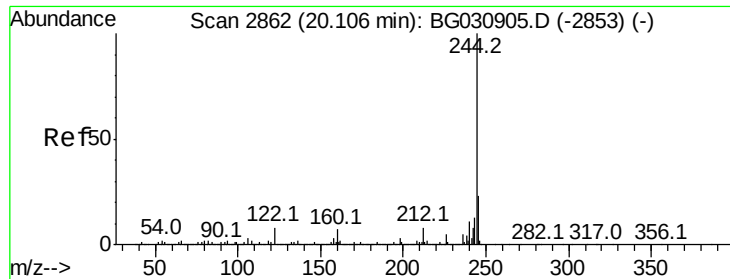


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.336 ng

RT: 20.10 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030990.D

Acq: 14 Nov 2017 2:14

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-G

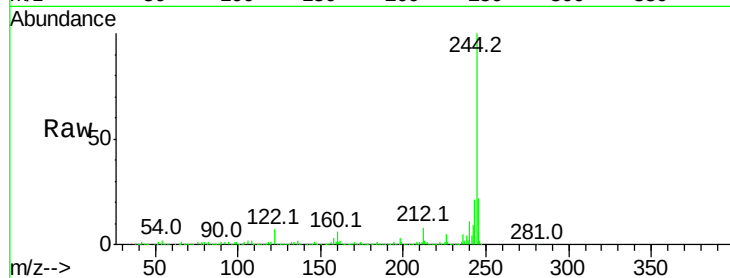
Tot Ion:244 Resp: 1765978

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

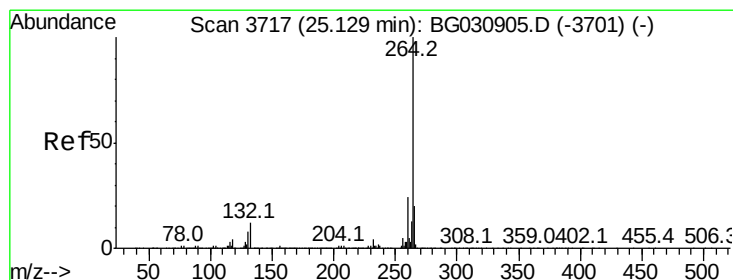
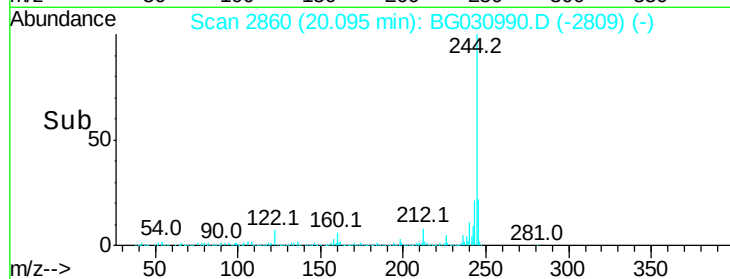
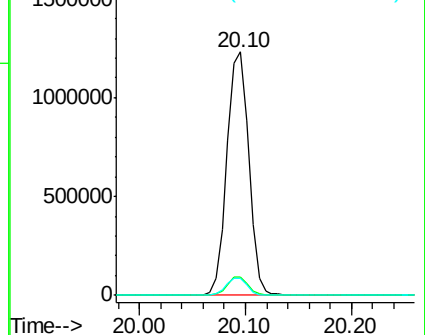
122 6.8 7.0 10.4#



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: 25.08 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG030990.D

Acq: 14 Nov 2017 2:14

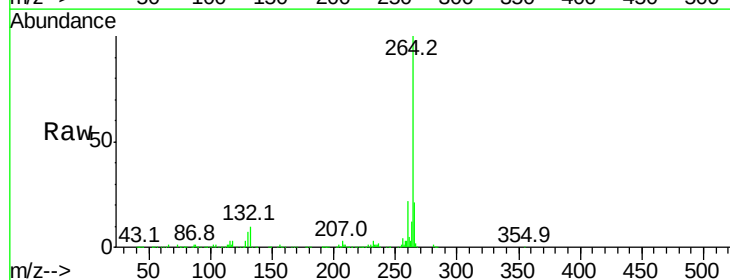
Tgt Ion:264 Resp: 430142

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 21.0 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

