

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111517\
 Data File : BG031035.D
 Acq On : 16 Nov 2017 5:40
 Operator : SJ/JU
 Sample : I6478-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 16 07:48:13 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

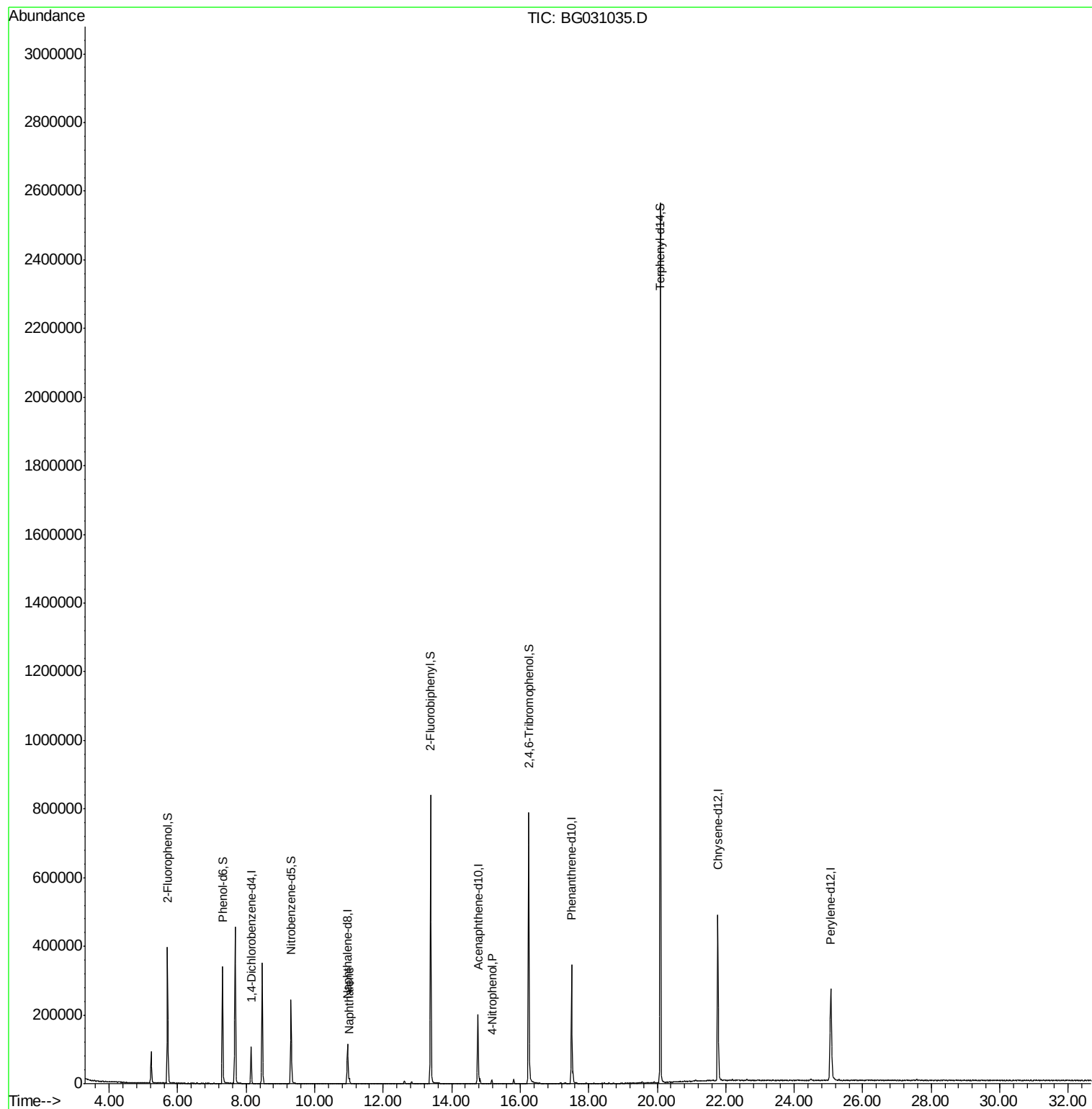
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	32069	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	120988	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	84746	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	255907	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	382042	20.00	ng	-0.02
86) Perylene-d12	25.07	264	367205	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	192793	103.09	ng	0.00
7) Phenol-d6	7.31	99	208604	82.79	ng	0.00
23) Nitrobenzene-d5	9.31	82	160024	78.37	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	200174	146.01	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	515735	87.44	ng	-0.02
78) Terphenyl-d14	20.09	244	1322077	76.41	ng	-0.01
Target Compounds						
31) Naphthalene	11.01	128	13110	2.20	ng	# 90
55) 4-Nitrophenol	15.17	139	3563	3.12	ng	# 1

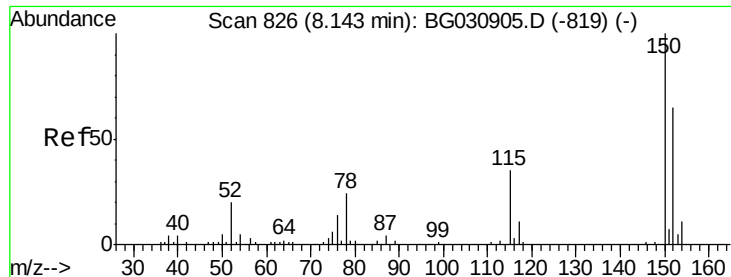
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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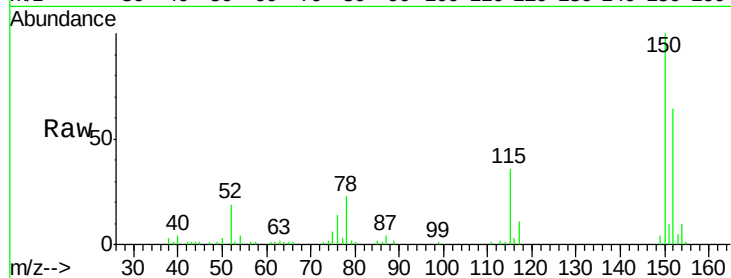


#1

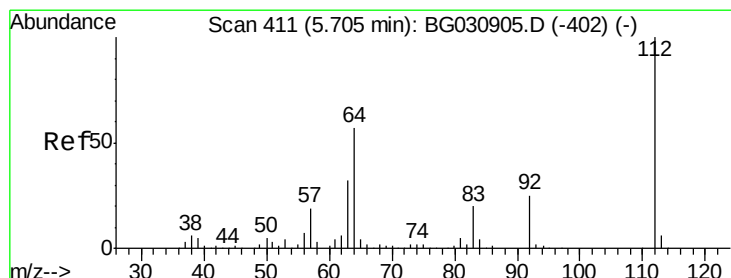
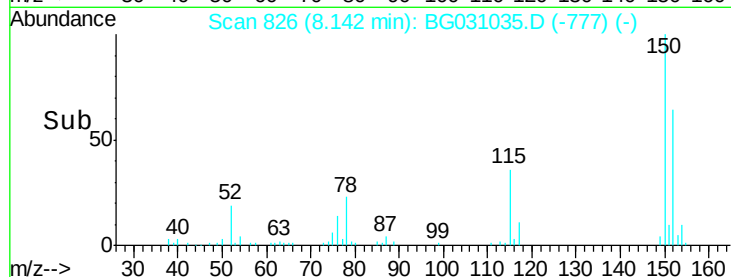
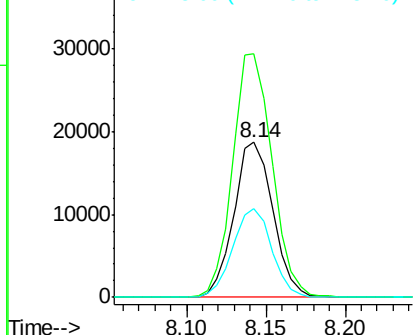
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031035.D
Acq: 16 Nov 2017 5:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.6	189.8
115	56.8	53.0	79.4



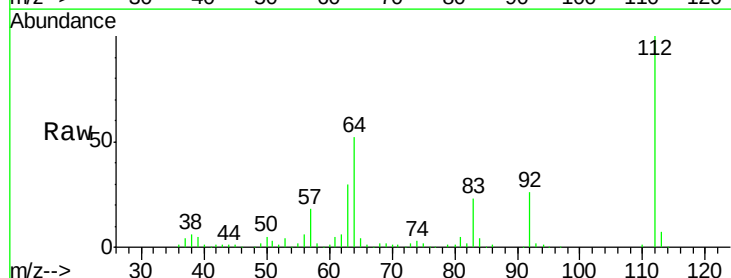
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



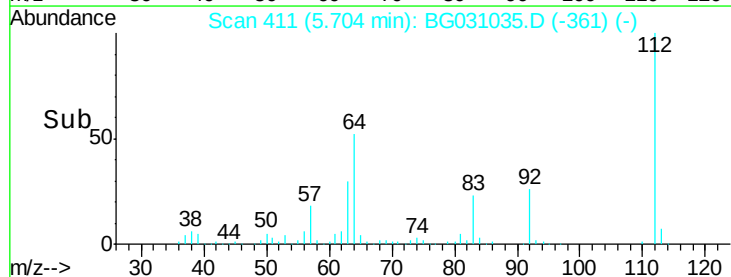
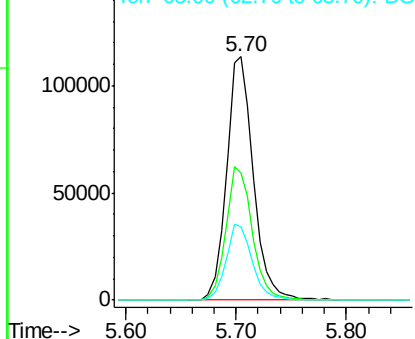
#5

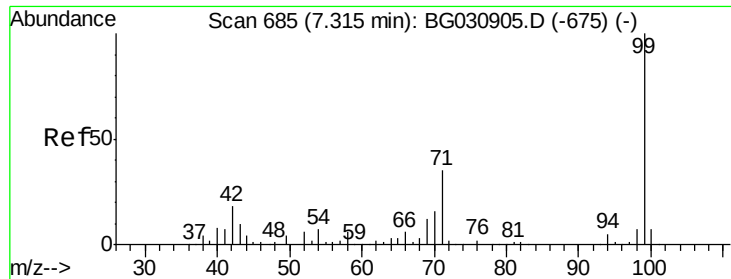
2-Fluorophenol
Concen: 103.09 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG031035.D
Acq: 16 Nov 2017 5:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	56.3	84.5#
63	30.0	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: 82.79 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031035.D

Acq: 16 Nov 2017 5:40

Instrument :

BNA_G

ClientSampleId :

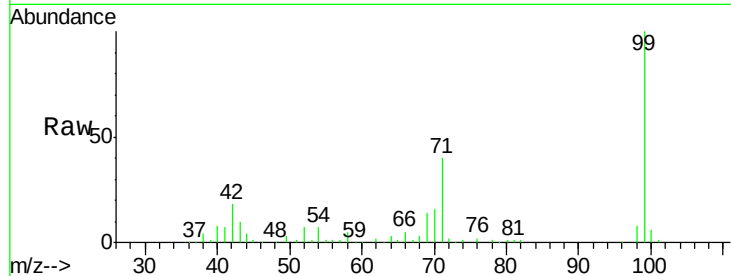
Tot Ion: 99 Resp: 208604

Ion Ratio Lower Upper

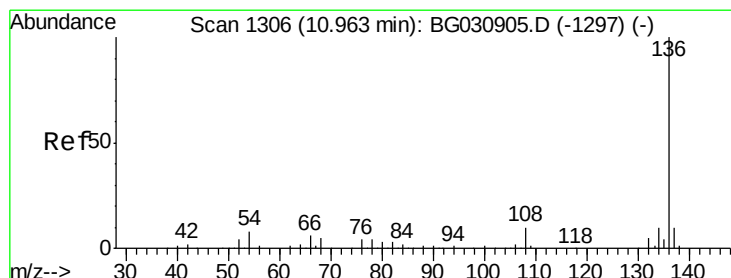
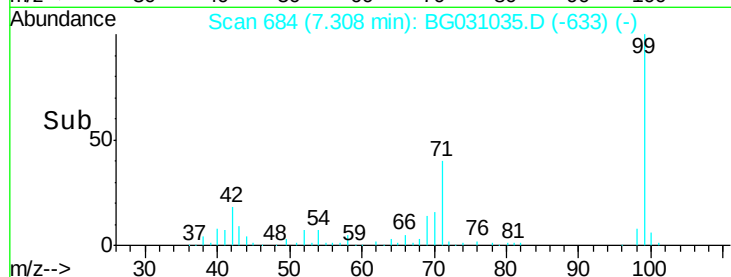
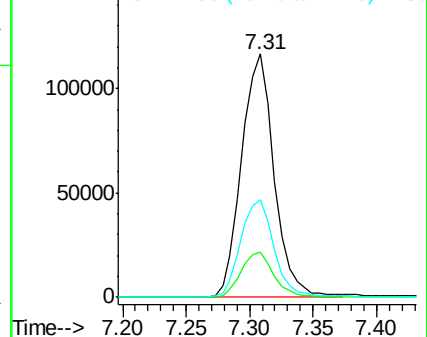
99 100

42 18.5 14.1 21.1

71 40.3 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: BG031035.D

Acq: 16 Nov 2017 5:40

Tgt Ion: 136 Resp: 120988

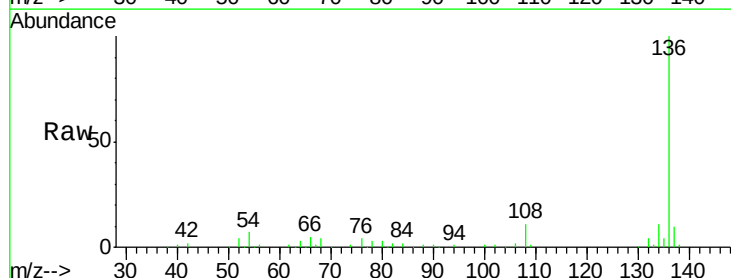
Ion Ratio Lower Upper

136 100

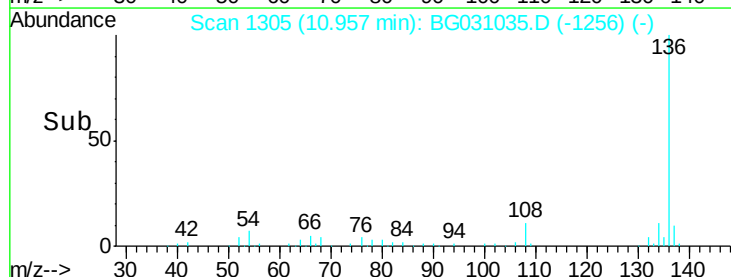
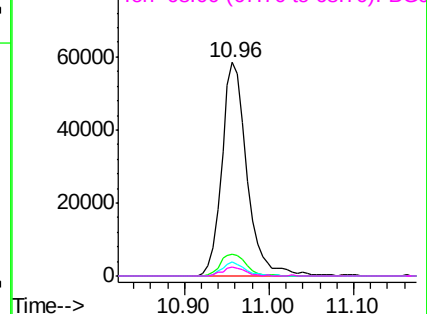
137 10.4 9.2 13.8

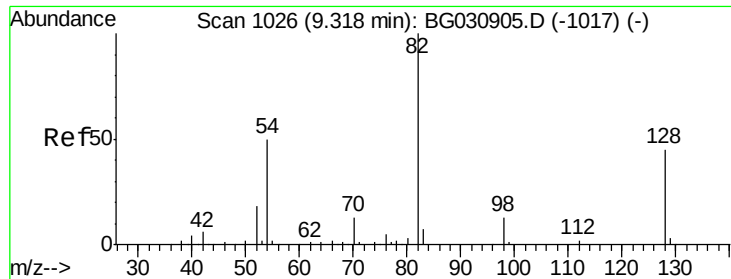
54 6.6 10.3 15.5#

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

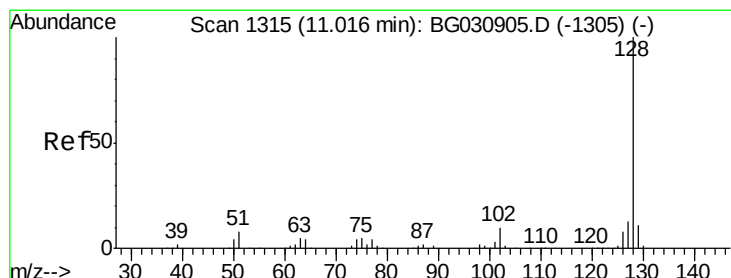
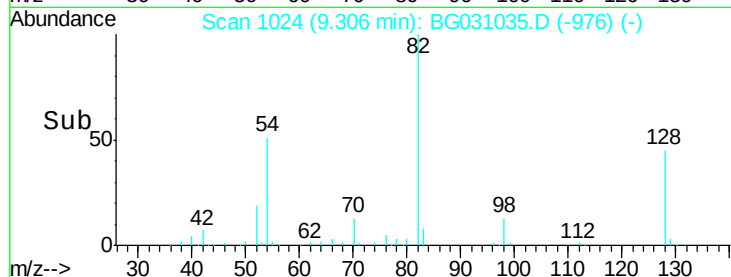
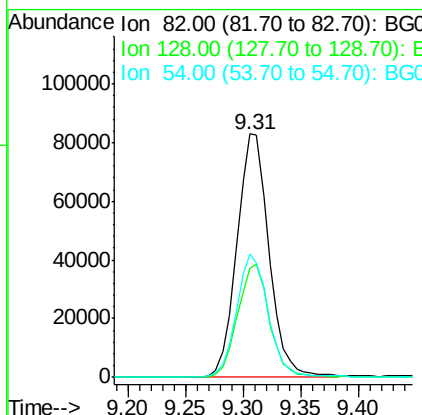
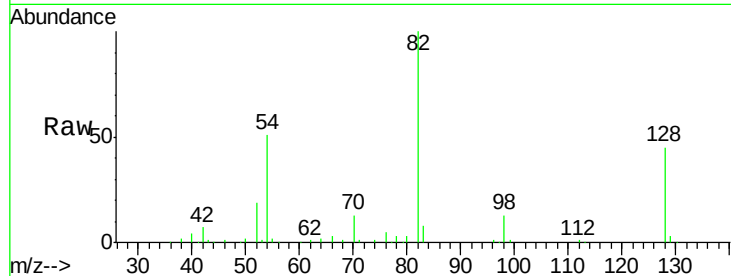




#23
 Nitrobenzene-d5
 Concen: 78.37 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031035.D
 Acq: 16 Nov 2017 5:40

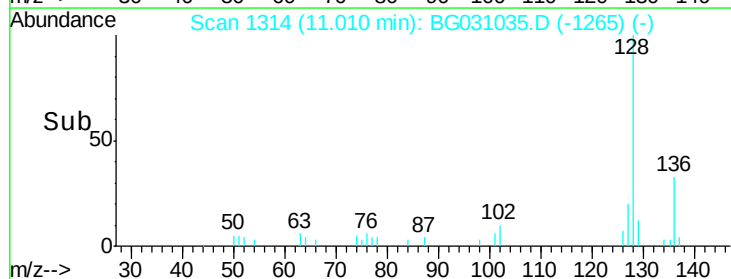
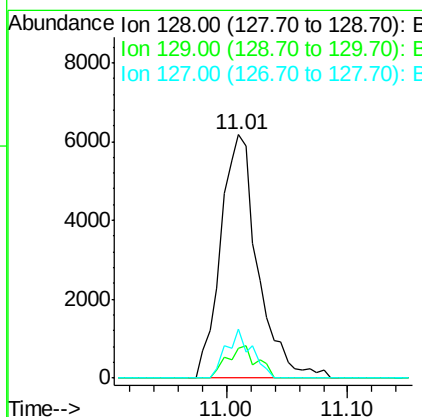
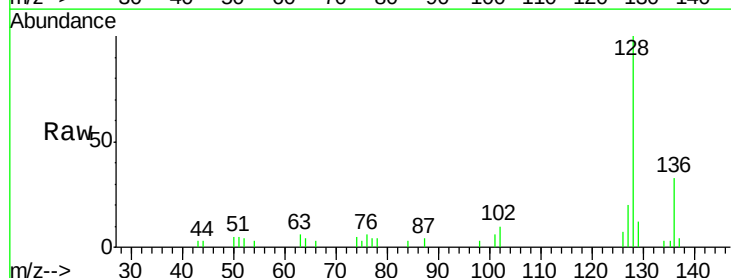
Instrument :
 BNA_G
 ClientSampleId :

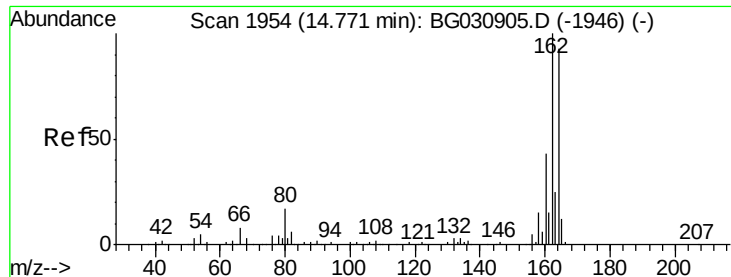
Tot Ion: 82 Resp: 160024
 Ion Ratio Lower Upper
 82 100
 128 45.1 29.7 44.5#
 54 50.8 43.1 64.7



#31
 Naphthalene
 Concen: 2.20 ng
 RT: 11.01 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BG031035.D
 Acq: 16 Nov 2017 5:40

Tgt Ion: 128 Resp: 13110
 Ion Ratio Lower Upper
 128 100
 129 12.2 8.6 12.8
 127 20.3 11.6 17.4#

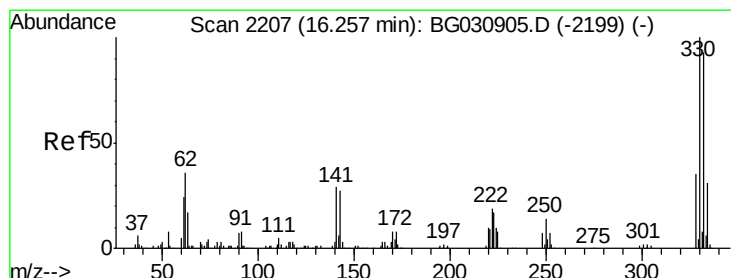
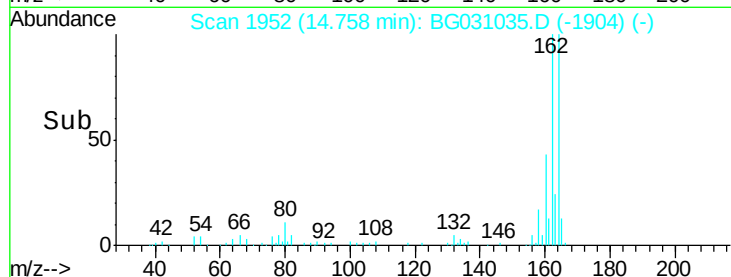
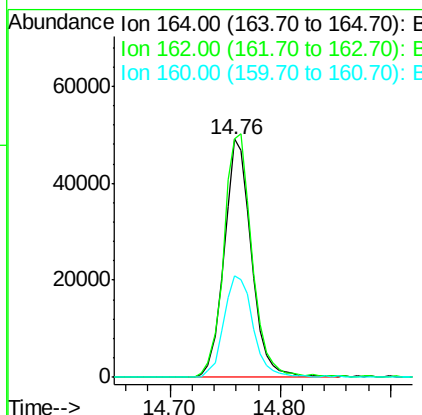
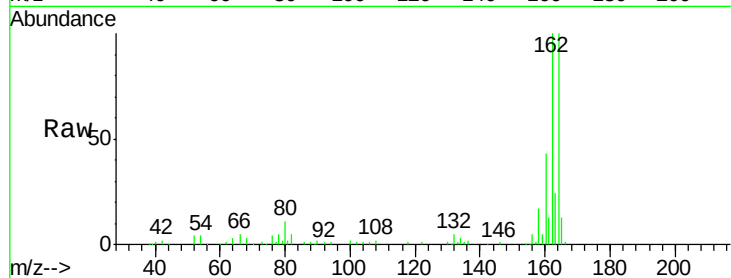




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031035.D
Acq: 16 Nov 2017 5:40

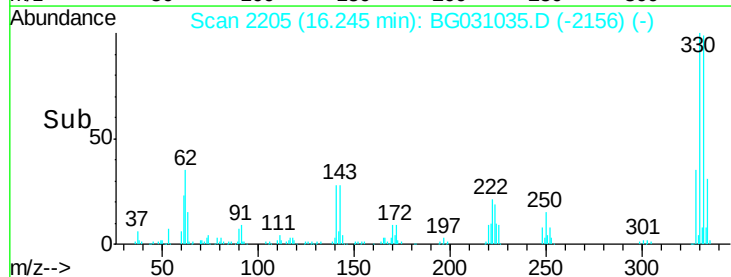
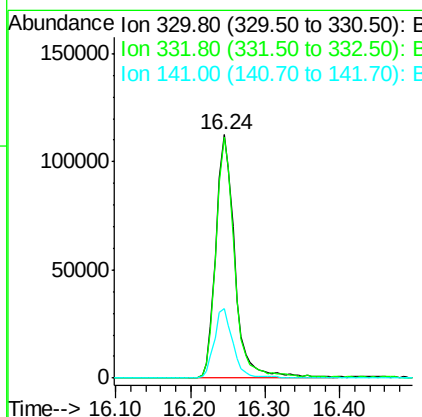
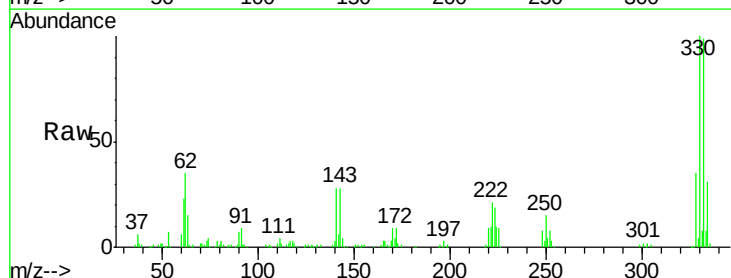
Instrument :
BNA_G
ClientSampleId :

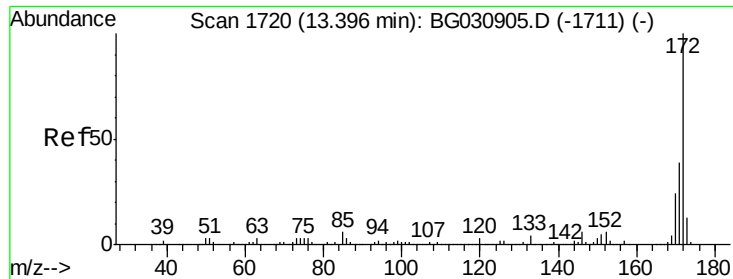
Tot Ion:164 Resp: 84746
Ion Ratio Lower Upper
164 100
162 100.3 78.8 118.2
160 42.9 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 146.01 ng
RT: 16.24 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG031035.D
Acq: 16 Nov 2017 5:40

Tgt Ion:330 Resp: 200174
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 27.9 25.2 37.8

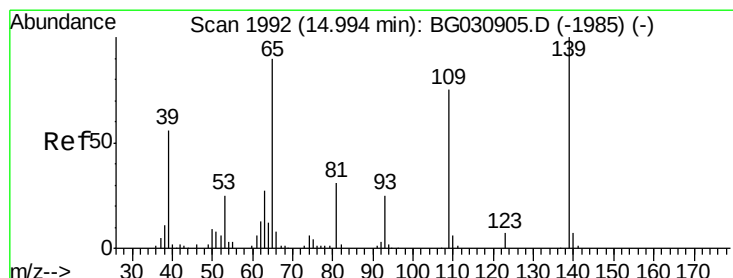
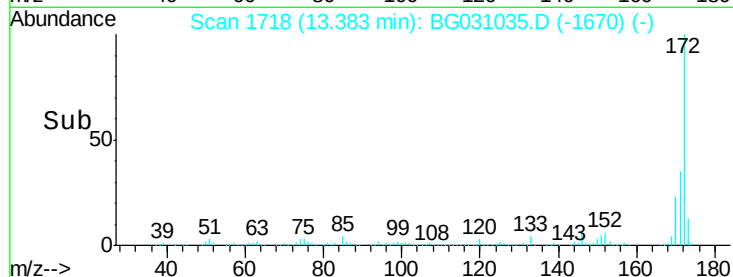
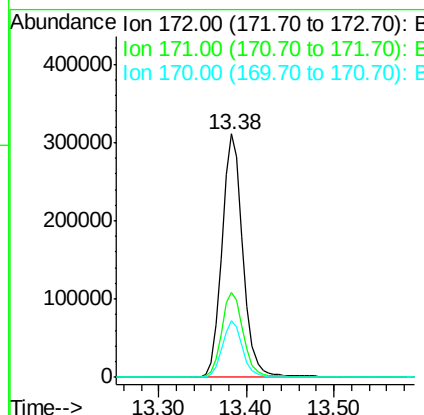
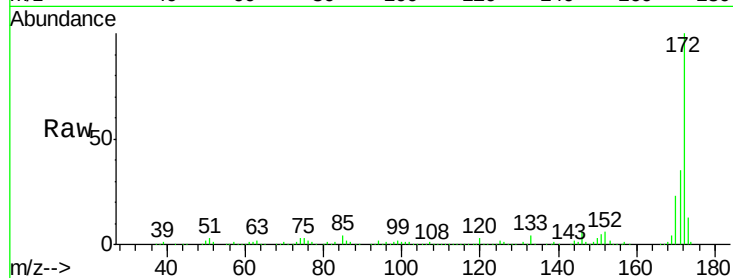




#44
 2-Fluorobiphenyl
 Concen: 87.44 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031035.D
 Acq: 16 Nov 2017 5:40

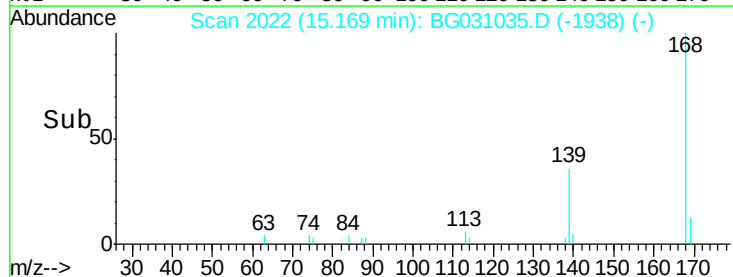
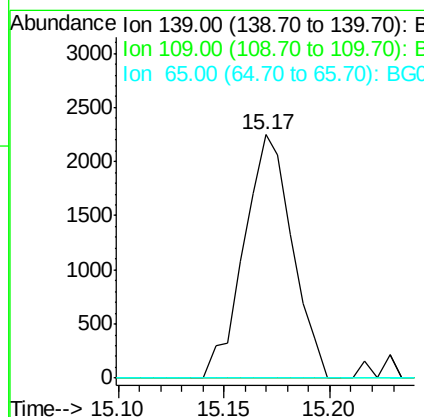
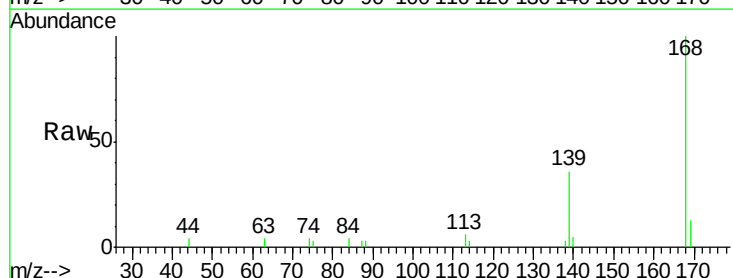
Instrument :
 BNA_G
 ClientSampleId :

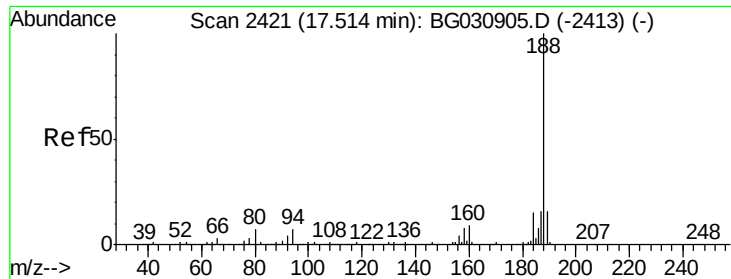
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.0	45.0
170	23.4	19.5	29.3



#55
 4-Nitrophenol
 Concen: 3.12 ng
 RT: 15.17 min Scan# 2022
 Delta R.T. 0.20 min
 Lab File: BG031035.D
 Acq: 16 Nov 2017 5:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#

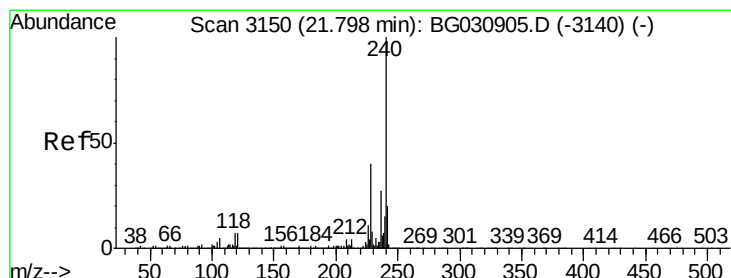
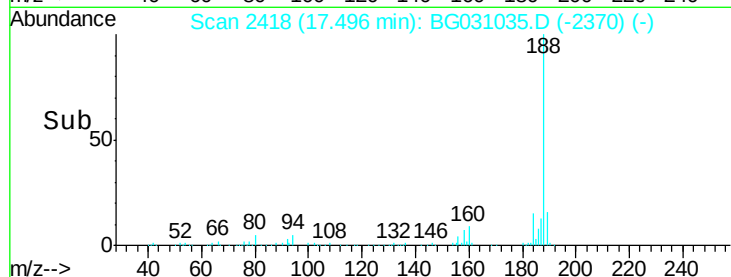
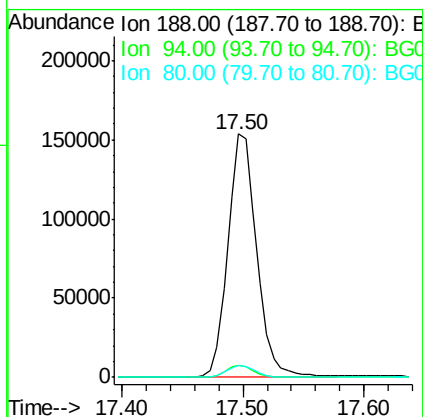
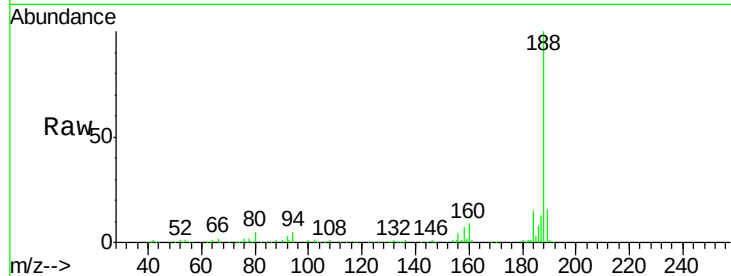




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031035.D
Acq: 16 Nov 2017 5:40

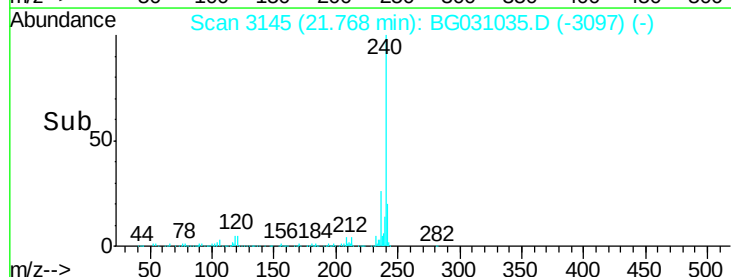
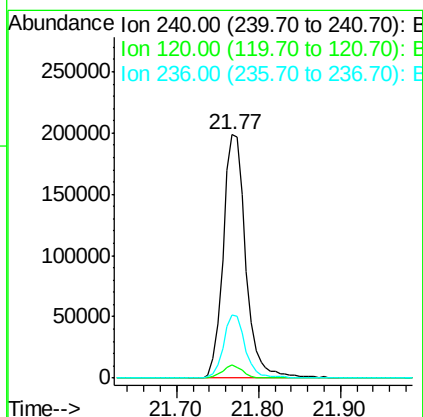
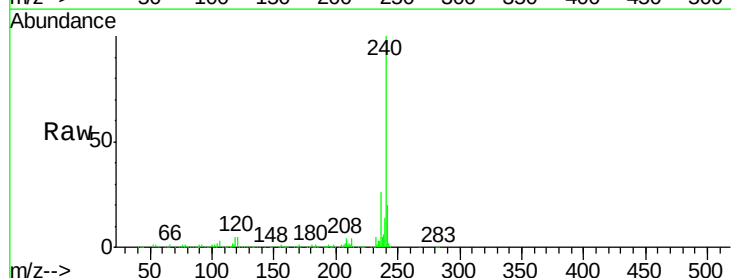
Instrument :
BNA_G
ClientSampleId :

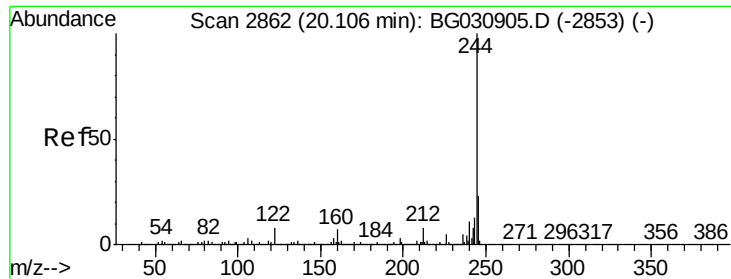
Tot Ion:188 Resp: 255907
Ion Ratio Lower Upper
188 100
94 4.9 6.9 10.3#
80 4.9 7.7 11.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031035.D
Acq: 16 Nov 2017 5:40

Tgt Ion:240 Resp: 382042
Ion Ratio Lower Upper
240 100
120 5.2 6.8 10.2#
236 25.8 20.9 31.3





#78

Terphenyl-d14

Concen: 76.41 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031035.D

Acq: 16 Nov 2017 5:40

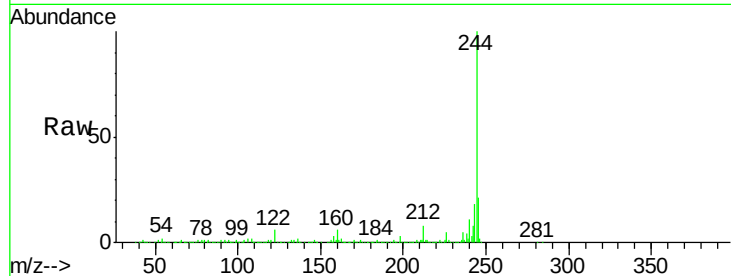
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1322077

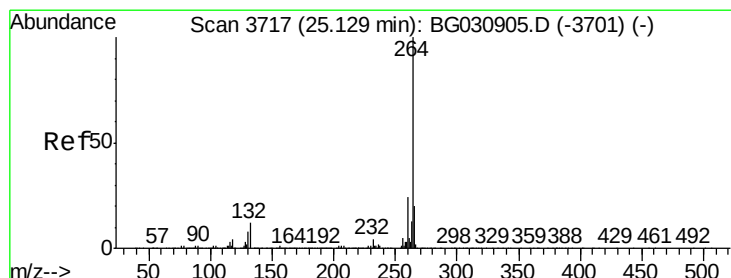
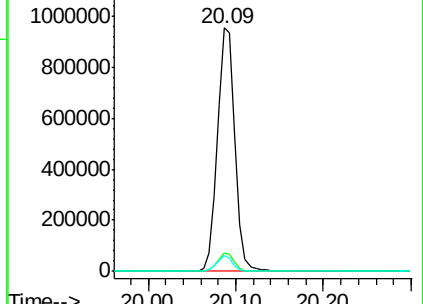
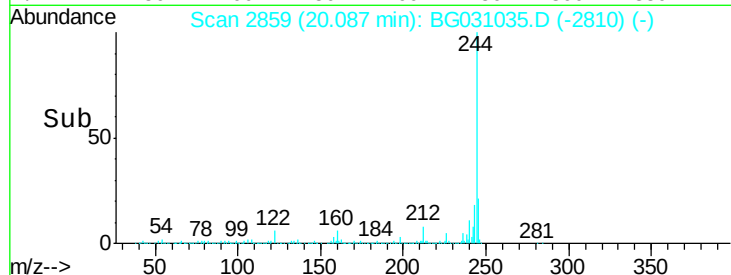
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	6.3	7.0	10.4



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# 3707

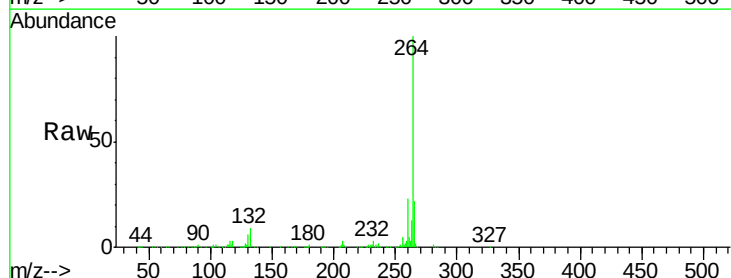
Delta R.T. -0.02 min

Lab File: BG031035.D

Acq: 16 Nov 2017 5:40

Tgt Ion:264 Resp: 367205

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	22.1	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

