

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
 Data File : BG031268.D
 Acq On : 29 Nov 2017 1:29
 Operator : SJ/JU
 Sample : I6590-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 29 06:25:45 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

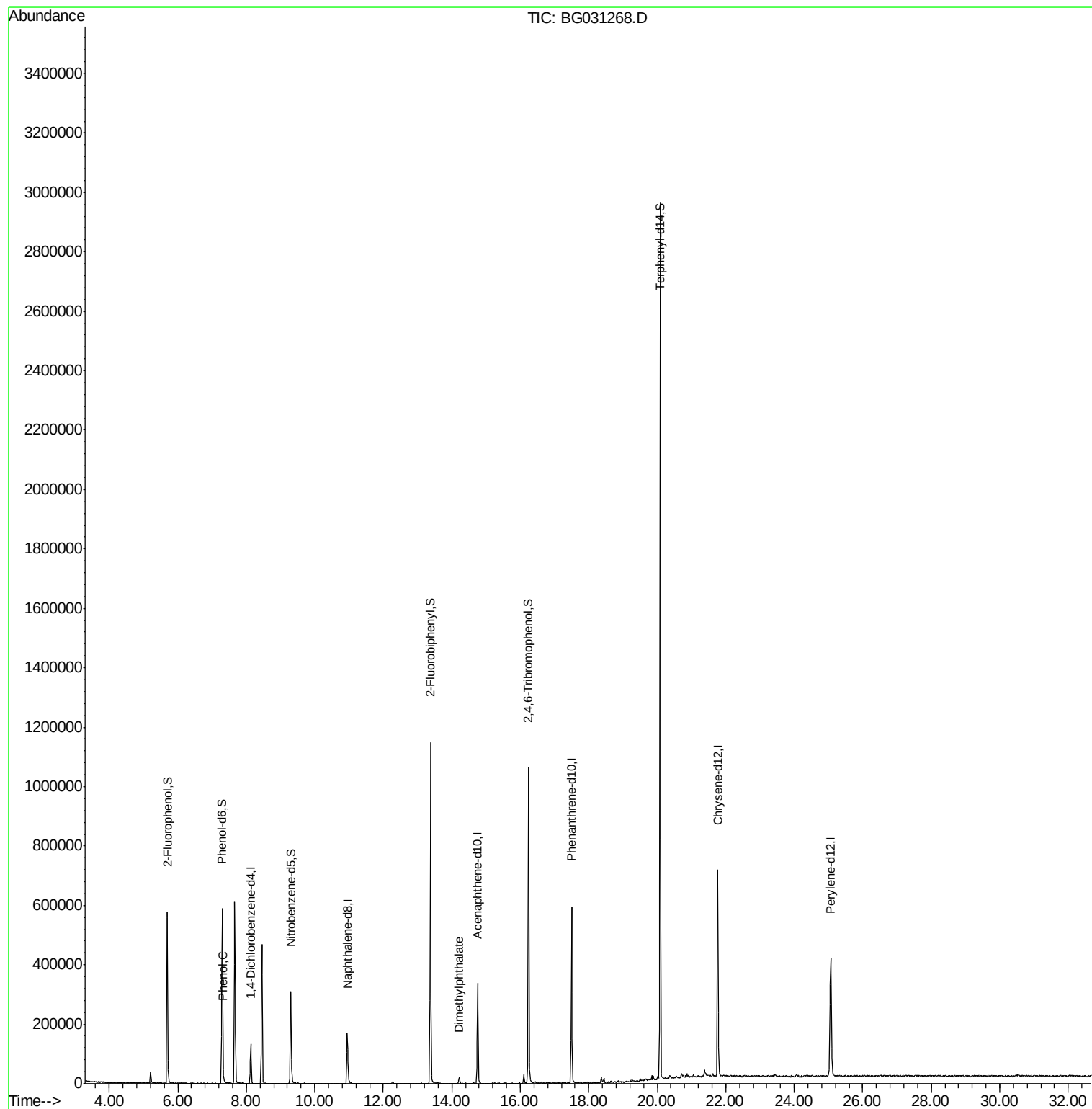
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	42901	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	189400	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	134354	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	400593	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	479245	20.00	ng	-0.02
86) Perylene-d12	25.06	264	461237	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	308367	123.25	ng	-0.02
7) Phenol-d6	7.29	99	393266	116.68	ng	-0.01
23) Nitrobenzene-d5	9.30	82	224402	70.21	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	224355	103.23	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	683569	73.11	ng	-0.02
78) Terphenyl-d14	20.08	244	1482533	68.31	ng	-0.01
Target Compounds						
10) Phenol	7.32	94	9113	2.60	ng	Qvalue 87
49) Dimethylphthalate	14.22	163	24460	2.11	ng	# 98

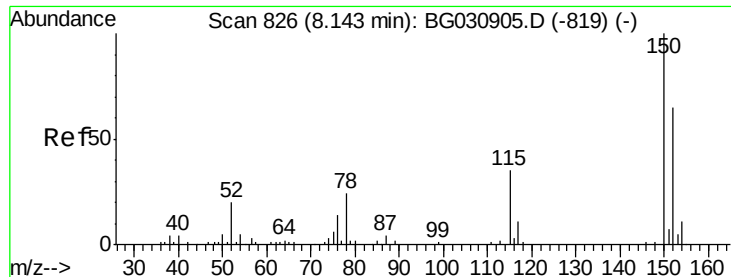
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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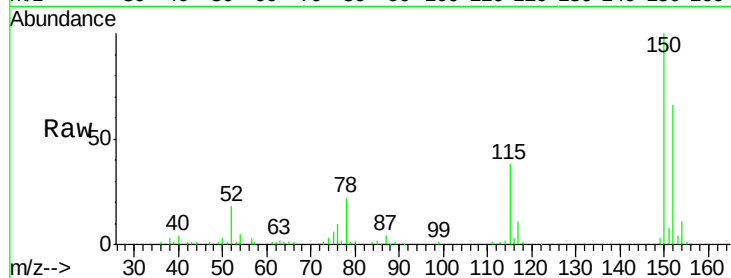


#1

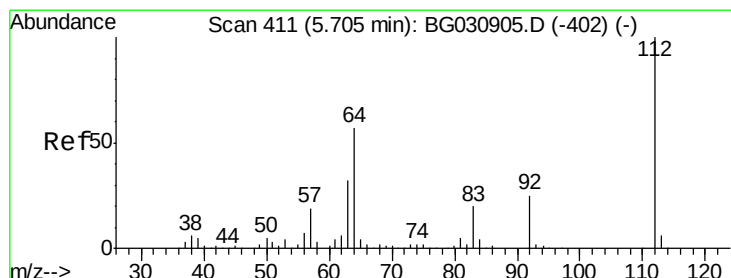
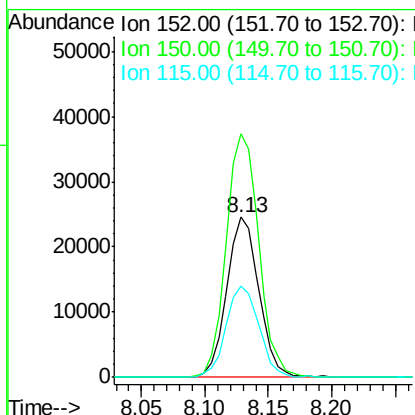
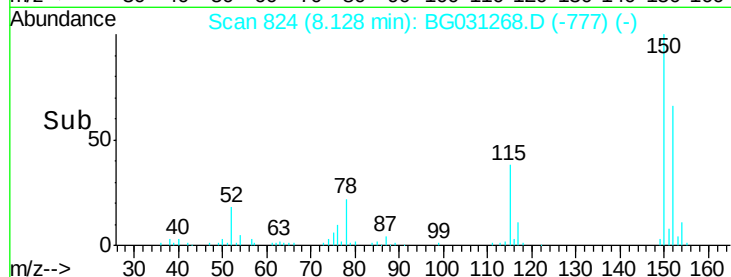
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031268.D
Acq: 29 Nov 2017 1:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 42901
Ion Ratio Lower Upper
152 100
150 152.3 126.6 189.8
115 57.4 53.0 79.4



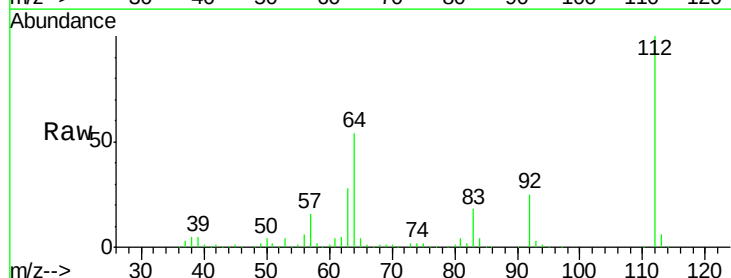
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



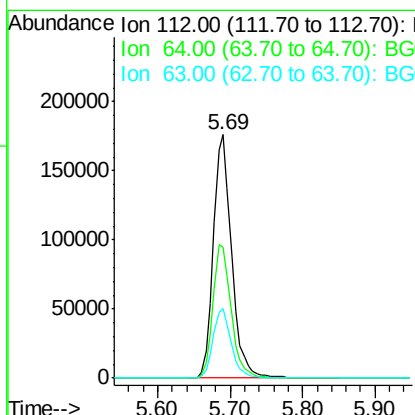
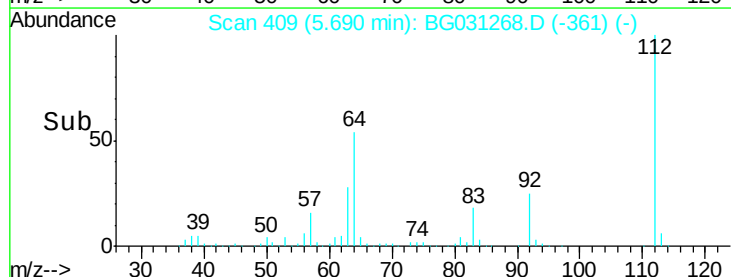
#5

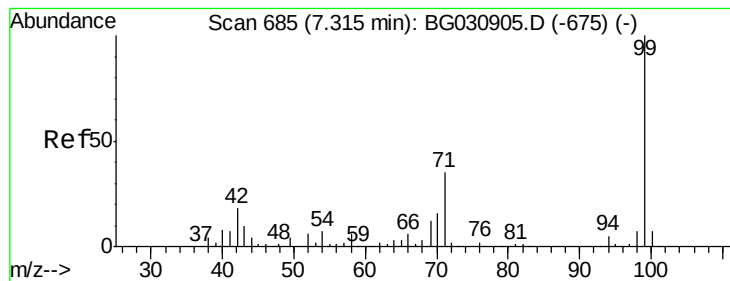
2-Fluorophenol
Concen: 123.25 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031268.D
Acq: 29 Nov 2017 1:29

Tgt Ion:112 Resp: 308367
Ion Ratio Lower Upper
112 100
64 53.9 56.3 84.5#
63 28.4 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: 116.68 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031268.D

Acq: 29 Nov 2017 1:29

Instrument :

BNA_G

ClientSampled :

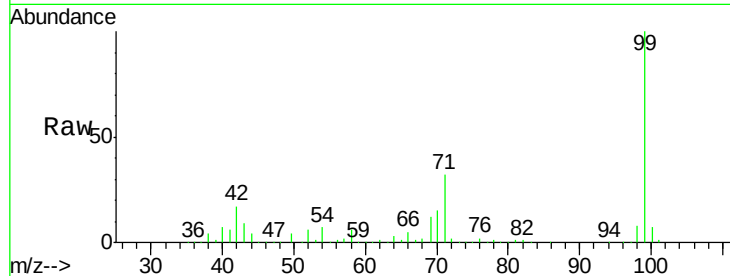
Tot Ion: 99 Resp: 393266

Ion Ratio Lower Upper

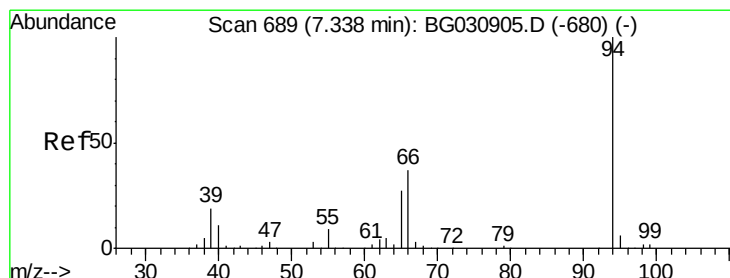
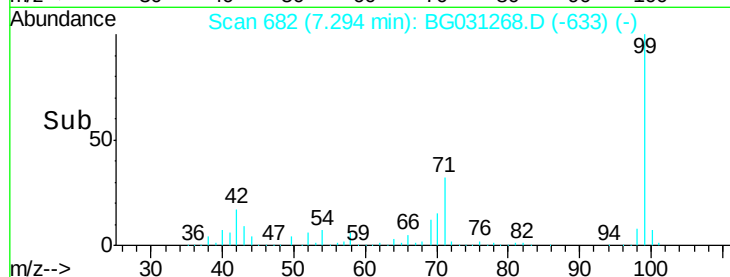
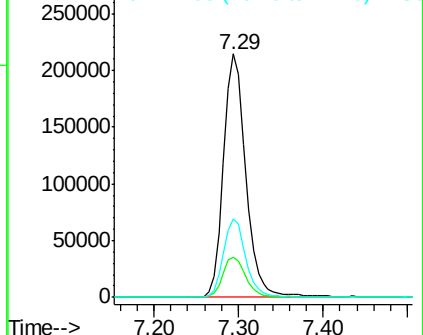
99 100

42 16.6 14.1 21.1

71 32.5 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: 2.60 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG031268.D

Acq: 29 Nov 2017 1:29

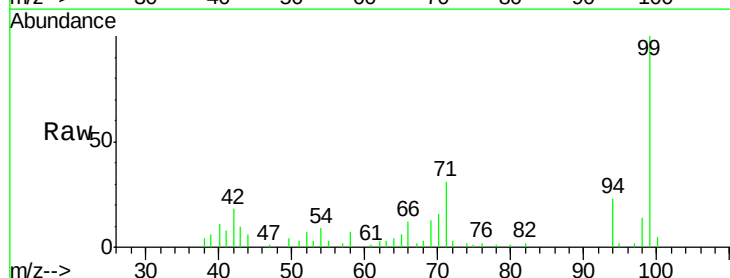
Tgt Ion: 94 Resp: 9113

Ion Ratio Lower Upper

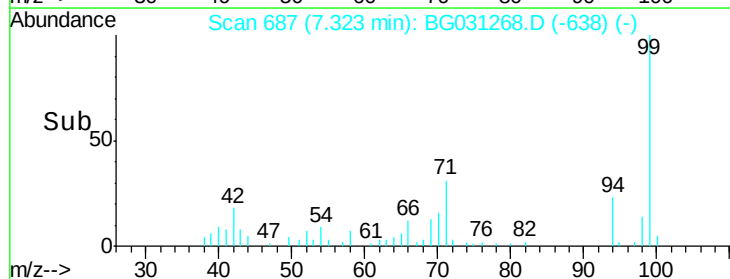
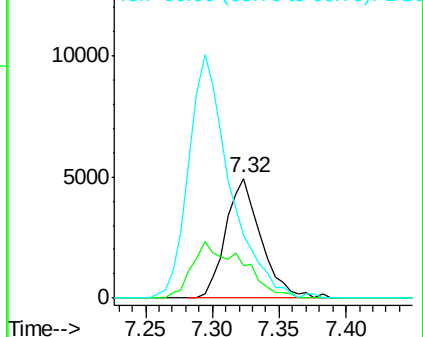
94 100

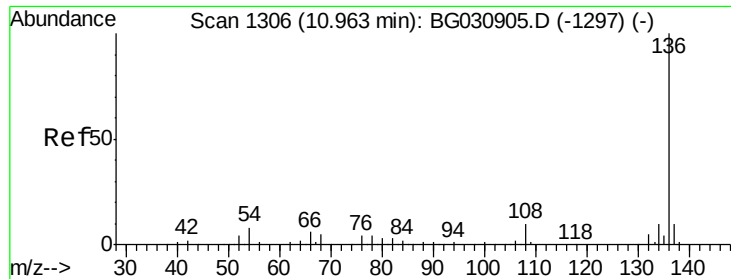
65 27.0 11.9 51.9

66 52.3 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

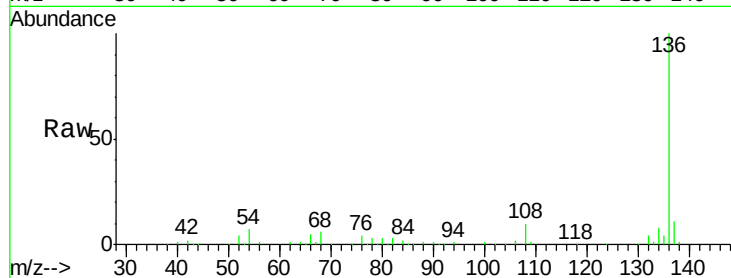




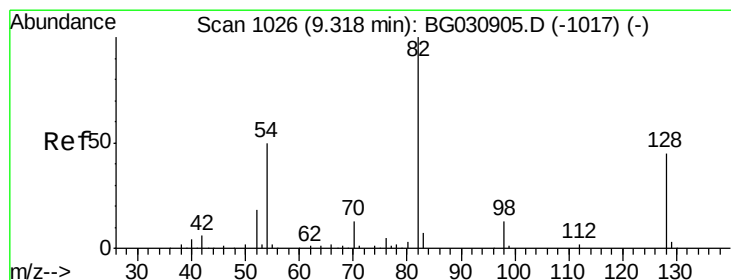
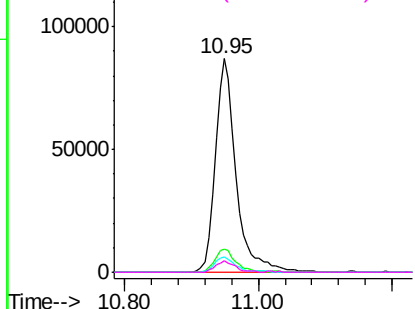
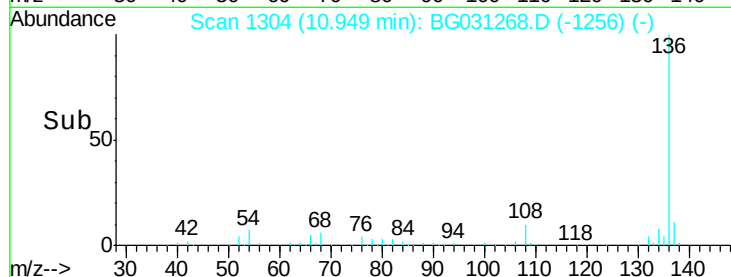
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031268.D
Acq: 29 Nov 2017 1:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	189400
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.2 13.8
54	7.2	10.3 15.5#
68	5.6	4.5 6.7

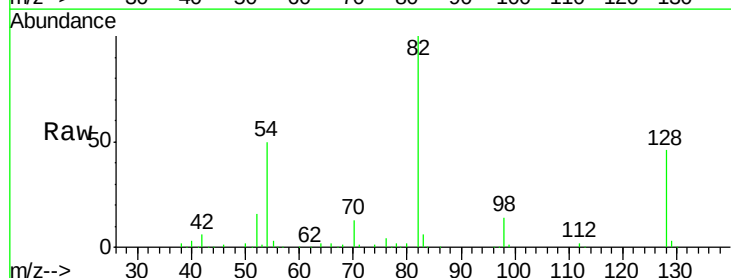


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

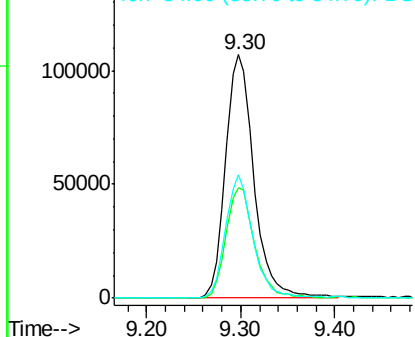
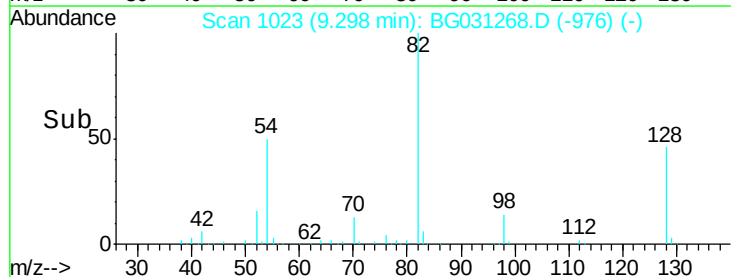


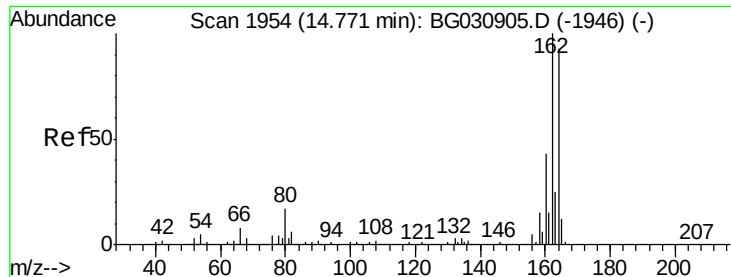
#23
Nitrobenzene-d5
Concen: 70.21 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031268.D
Acq: 29 Nov 2017 1:29

Tgt Ion: 82	Resp:	224402
Ion Ratio	Lower	Upper
82	100	
128	45.6	29.7 44.5#
54	50.4	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: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031268.D

Acq: 29 Nov 2017 1:29

Instrument :

BNA_G

ClientSampled :

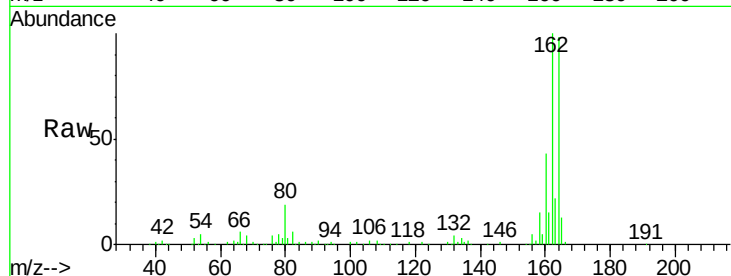
Tot Ion:164 Resp: 134354

Ion Ratio Lower Upper

164 100

162 102.2 78.8 118.2

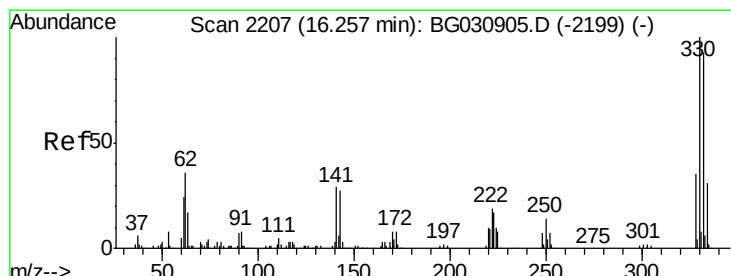
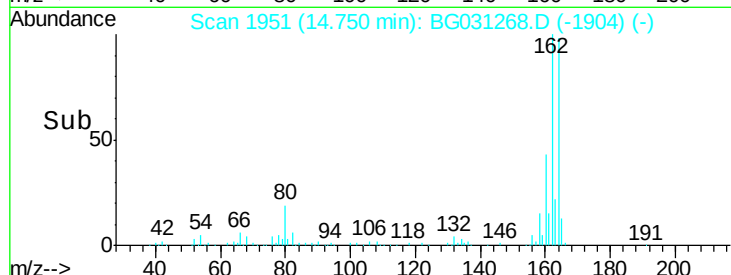
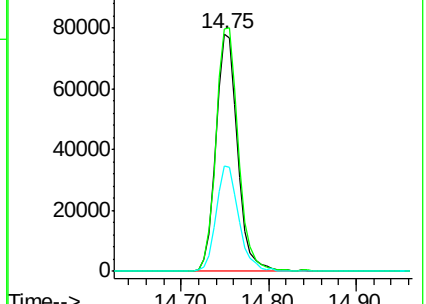
160 44.3 35.4 53.0



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: 103.23 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031268.D

Acq: 29 Nov 2017 1:29

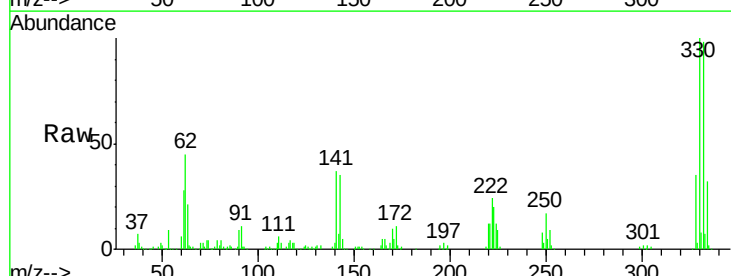
Tgt Ion:330 Resp: 224355

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

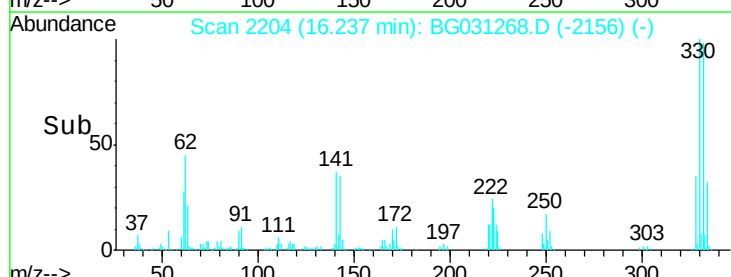
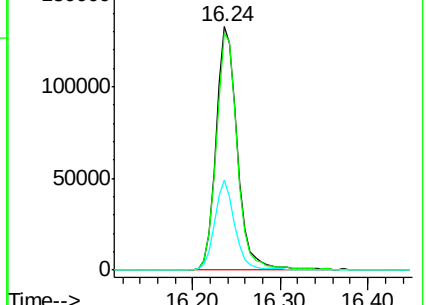
141 34.9 25.2 37.8

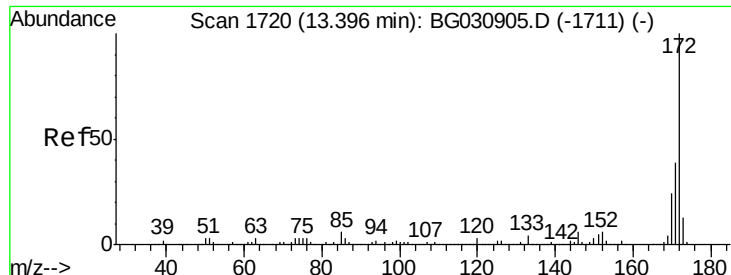


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

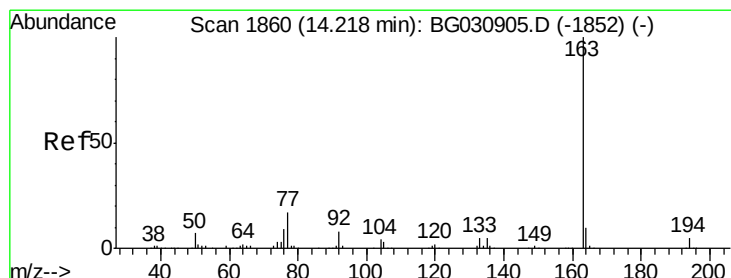
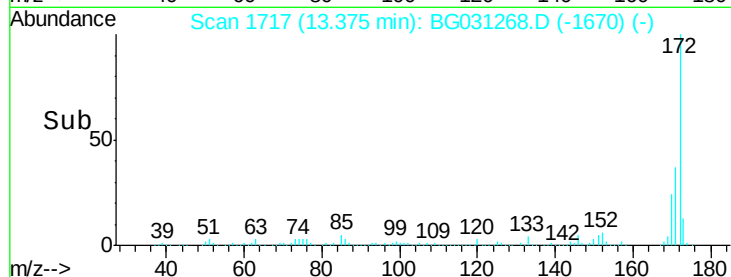
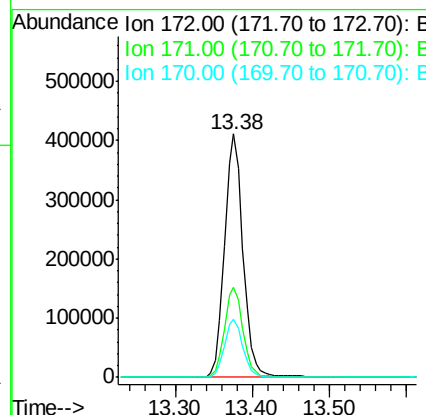
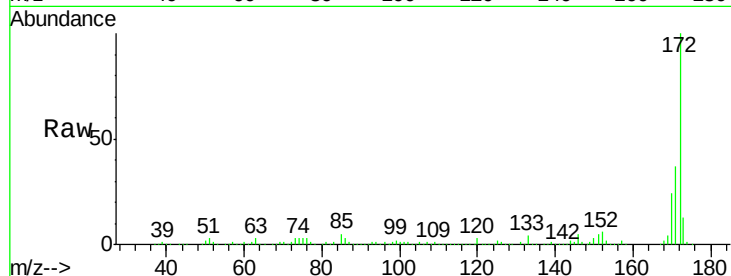




#44
2-Fluorobiphenyl
Concen: 73.11 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BG031268.D
Acq: 29 Nov 2017 1:29

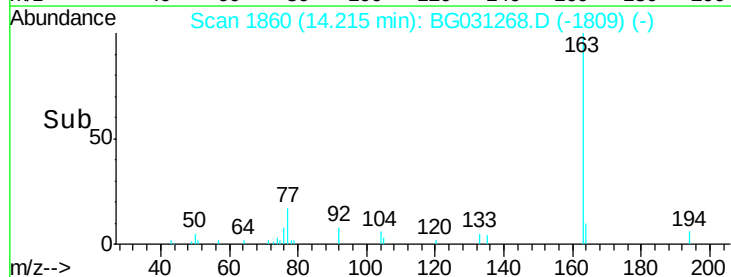
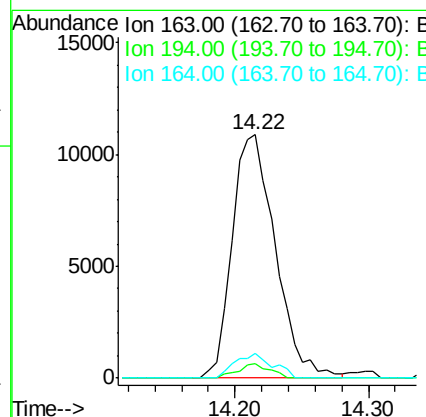
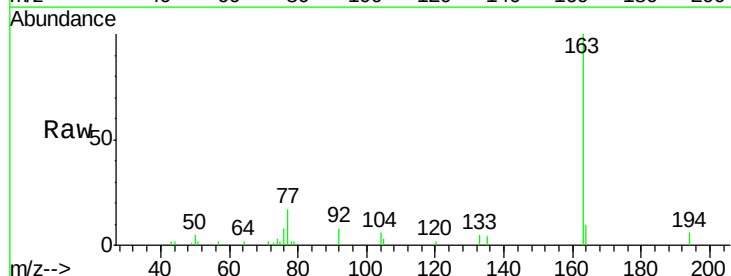
Instrument :
BNA_G
ClientSampled :

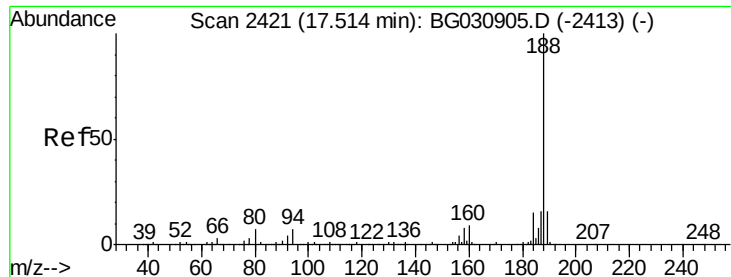
Tot Ion:172 Resp: 683569
Ion Ratio Lower Upper
172 100
171 36.8 30.0 45.0
170 23.8 19.5 29.3



#49
Dimethylphthalate
Concen: 2.11 ng
RT: 14.22 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BG031268.D
Acq: 29 Nov 2017 1:29

Tgt Ion:163 Resp: 24460
Ion Ratio Lower Upper
163 100
194 6.0 3.4 5.2#
164 9.9 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG031268.D

Acq: 29 Nov 2017 1:29

Instrument :

BNA_G

ClientSampleId :

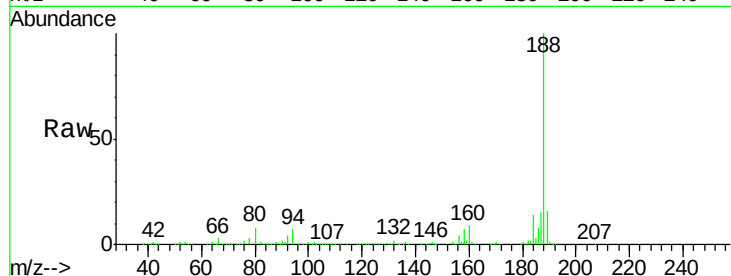
Tot Ion:188 Resp: 400593

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

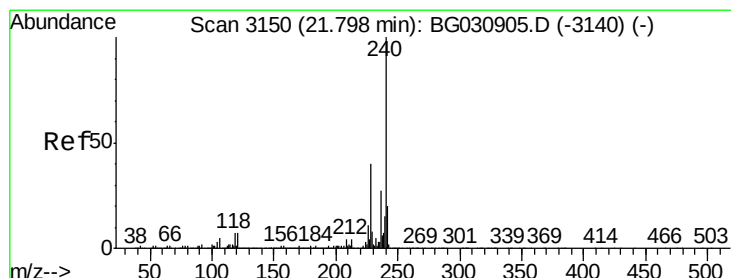
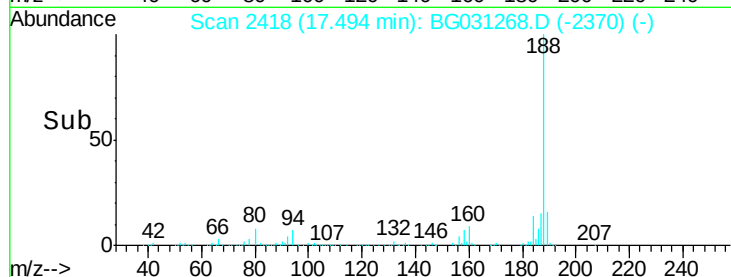
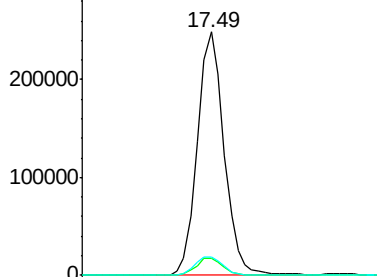
80 7.5 7.7 11.5#



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: 20.00 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031268.D

Acq: 29 Nov 2017 1:29

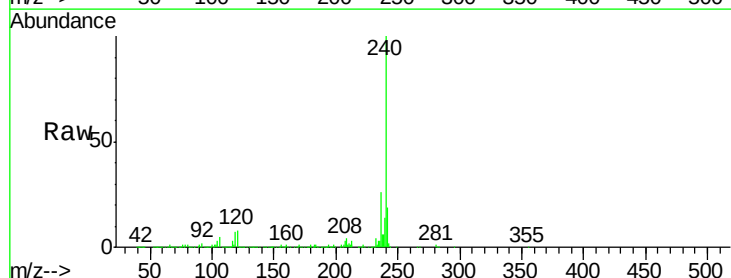
Tgt Ion:240 Resp: 479245

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

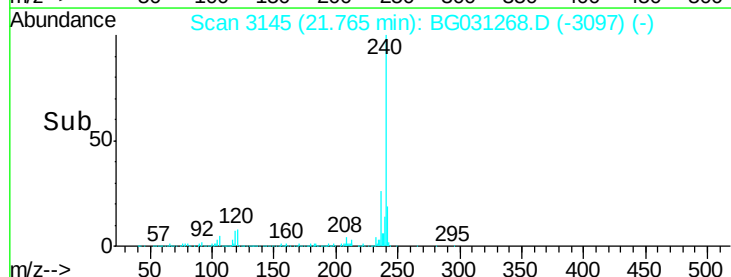
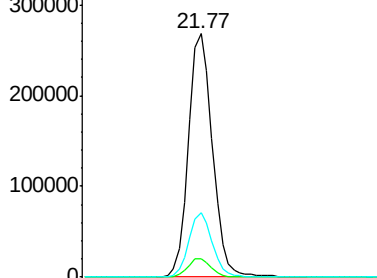
236 26.2 20.9 31.3

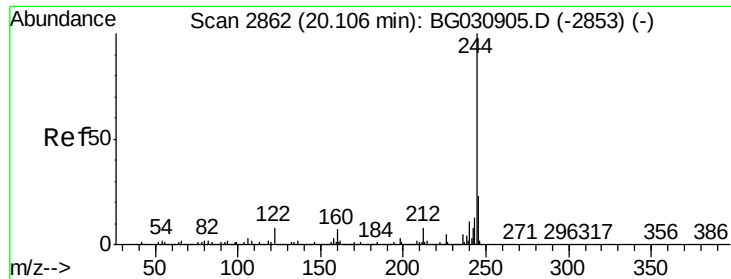


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.31 ng

RT: 20.08 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031268.D

Acq: 29 Nov 2017 1:29

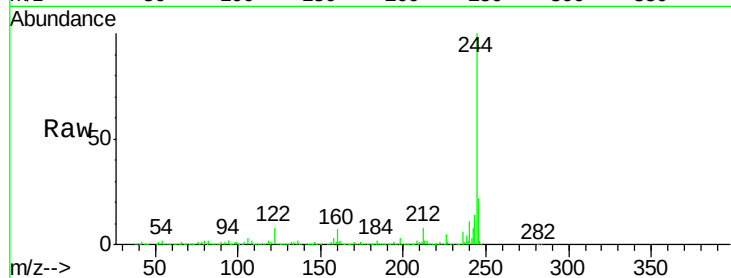
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1482533

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	8.1	7.0	10.4

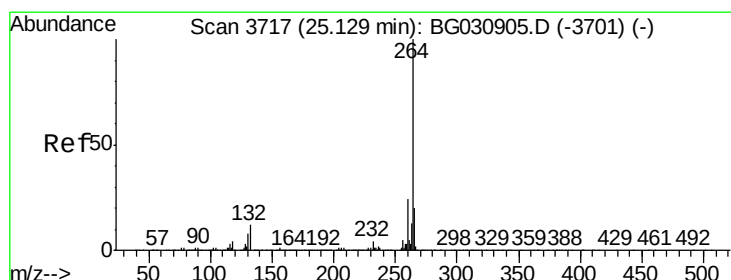
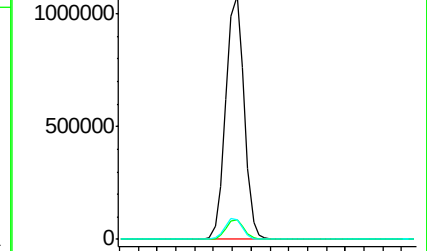
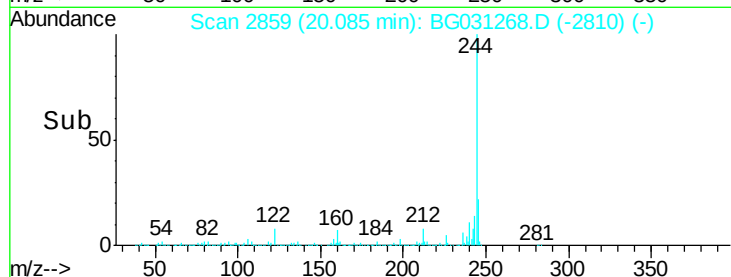


Abundance

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

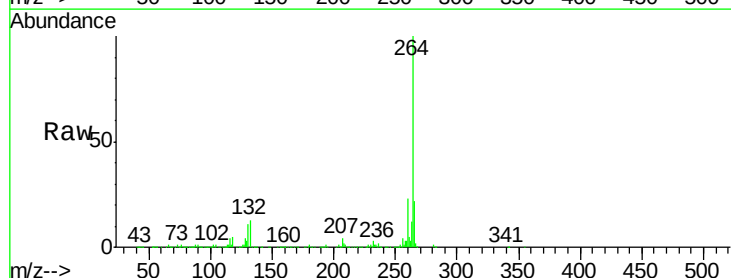
Delta R.T. -0.03 min

Lab File: BG031268.D

Acq: 29 Nov 2017 1:29

Tgt Ion:264 Resp: 461237

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.5	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

