

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028707.D
 Acq On : 13 Sep 2017 20:44
 Operator : SJ/JU
 Sample : I5203-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 05:44:54 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

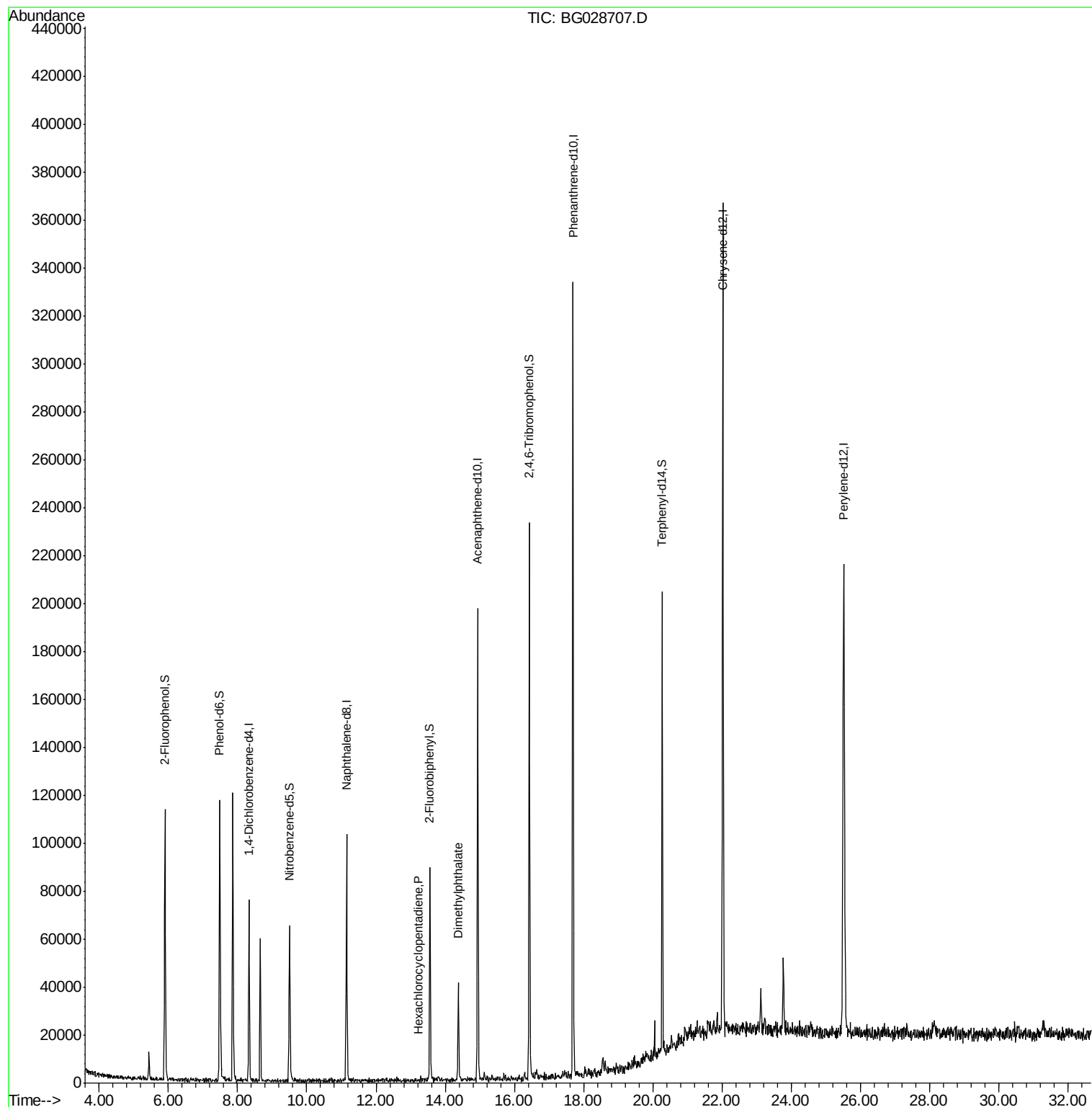
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	21712	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	88659	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	72843	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	224125	20.00	ng	0.00
75) Chrysene-d12	22.02	240	251810	20.00	ng	0.00
86) Perylene-d12	25.52	264	259820	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	48958	37.21	ng	0.00
7) Phenol-d6	7.48	99	73987	37.35	ng	0.00
23) Nitrobenzene-d5	9.50	82	45781	24.70	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	52599	43.66	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	53902	9.87	ng	0.00
78) Terphenyl-d14	20.27	244	88176	7.47	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	13.23	237	73	7.660	ng	Qvalue # 29
49) Dimethylphthalate	14.38	163	29307	4.798	ng	97

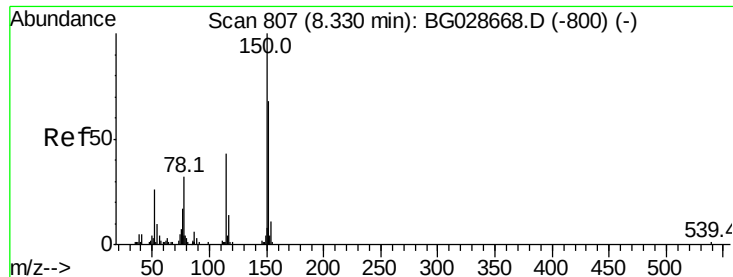
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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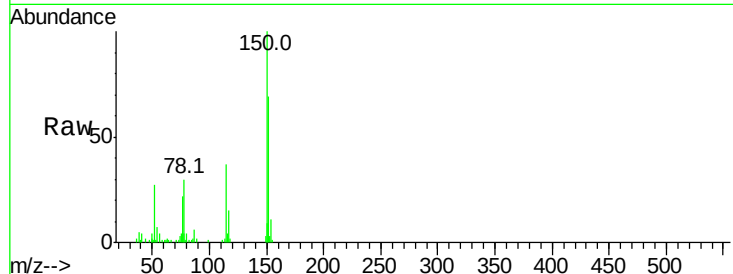


#1

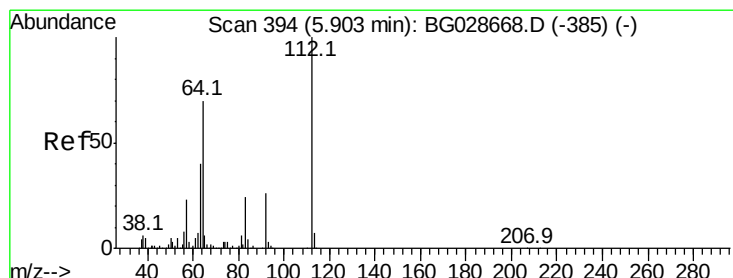
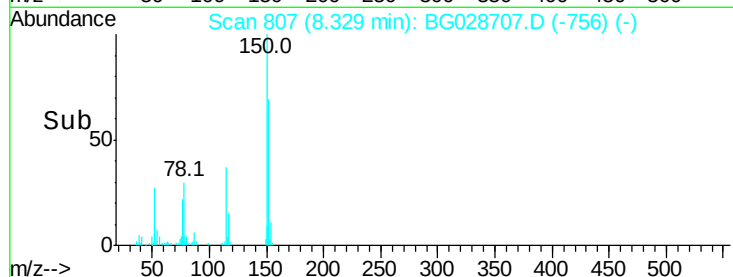
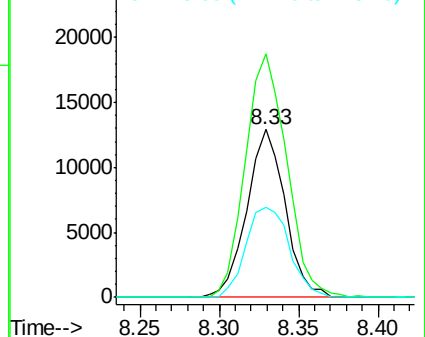
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028707.D
Acq: 13 Sep 2017 20:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 21712
Ion Ratio Lower Upper
152 100
150 145.1 114.0 171.0
115 54.0 48.1 72.1



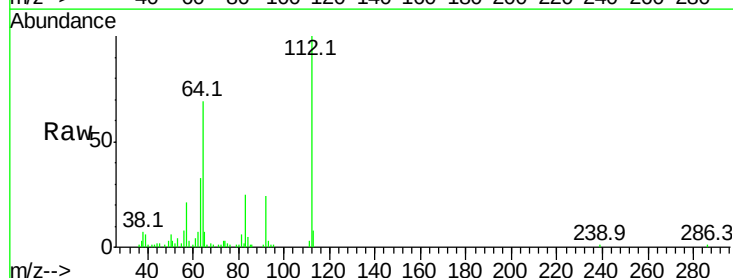
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



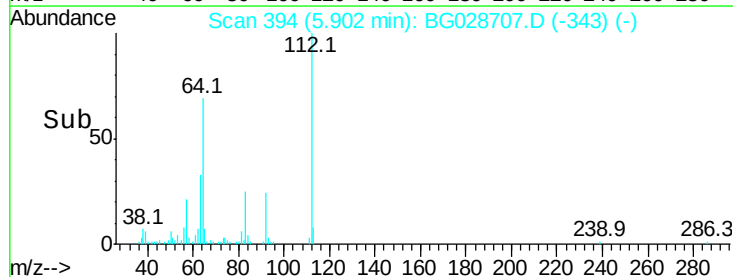
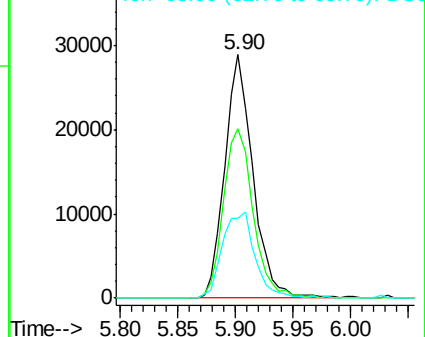
#5

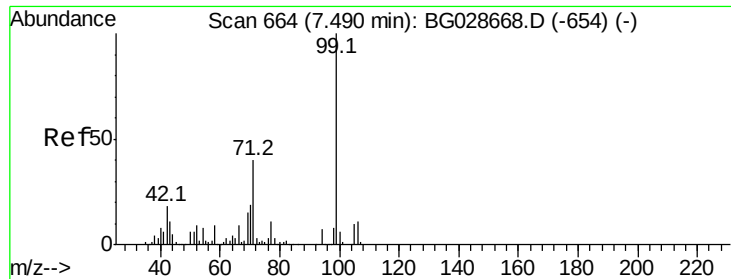
2-Fluorophenol
Concen: 37.207 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG028707.D
Acq: 13 Sep 2017 20:44

Tgt Ion:112 Resp: 48958
Ion Ratio Lower Upper
112 100
64 69.4 61.8 92.6
63 32.9 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 37.345 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028707.D

Acq: 13 Sep 2017 20:44

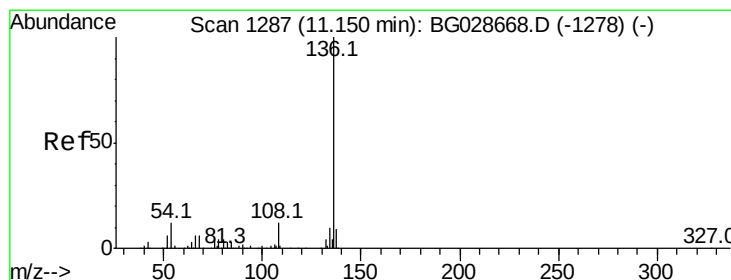
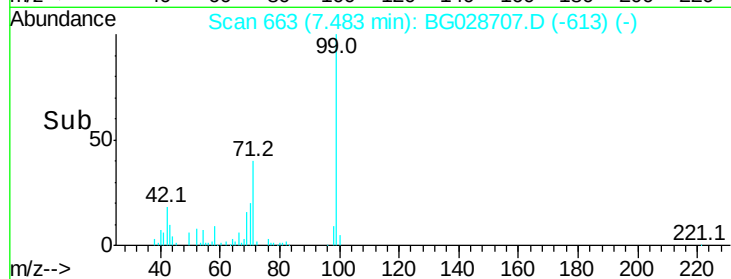
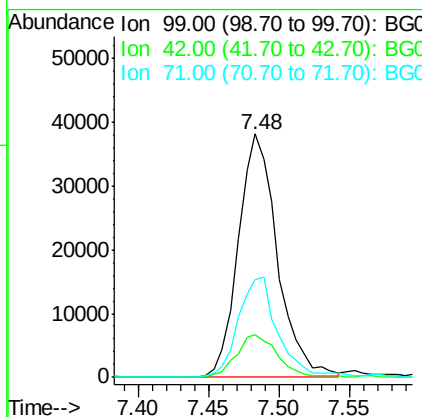
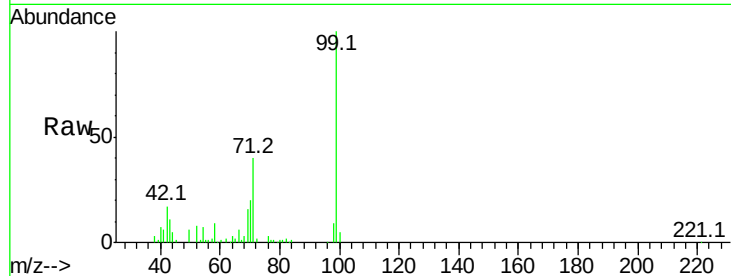
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 73987

Ion	Ratio	Lower	Upper
99	100		
42	17.4	20.5	30.7#
71	39.9	37.6	56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

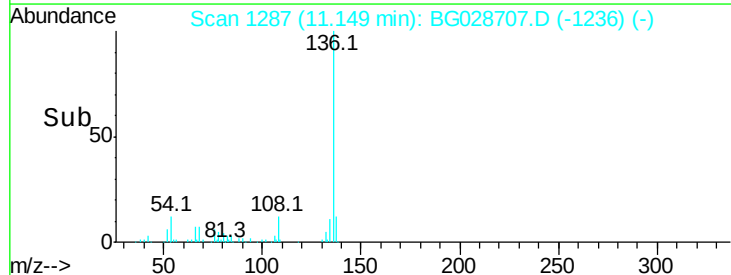
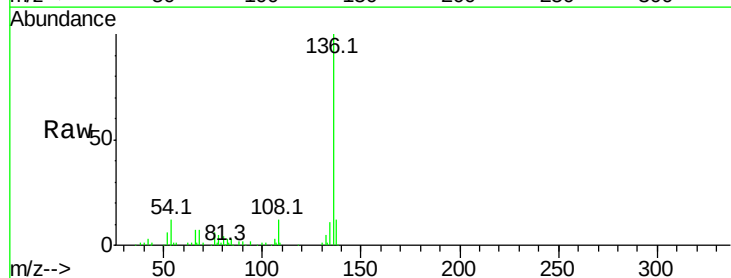
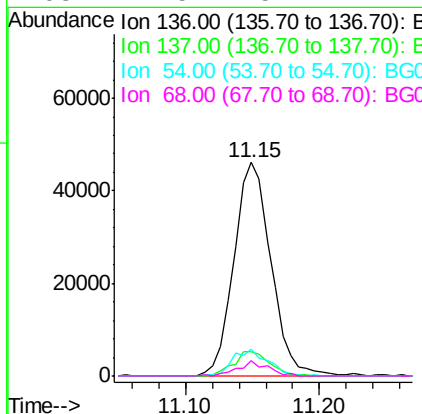
Delta R.T. -0.00 min

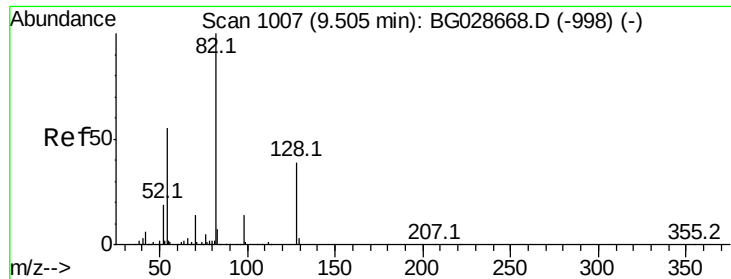
Lab File: BG028707.D

Acq: 13 Sep 2017 20:44

Tgt Ion: 136 Resp: 88659

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	12.3	9.3	13.9
68	7.5	5.1	7.7





#23

Nitrobenzene-d5

Concen: 24.702 ng

RT: 9.50 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG028707.D

Acq: 13 Sep 2017 20:44

Instrument :

BNA_G

ClientSampled :

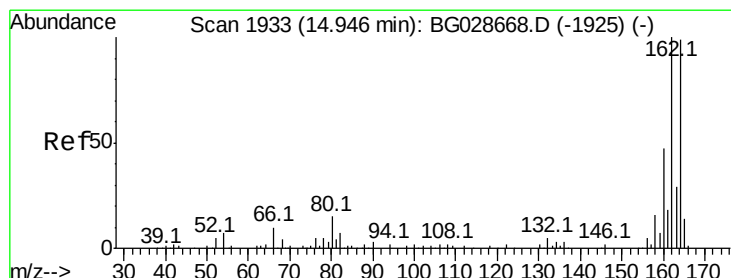
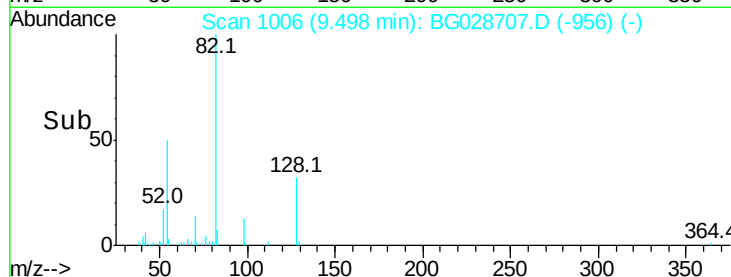
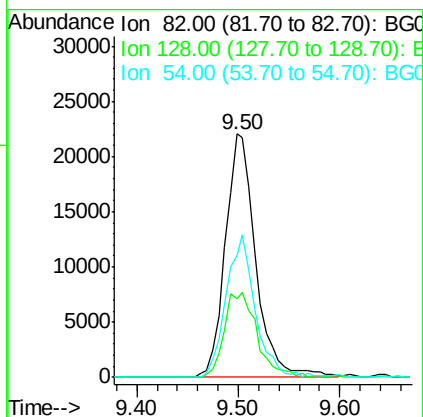
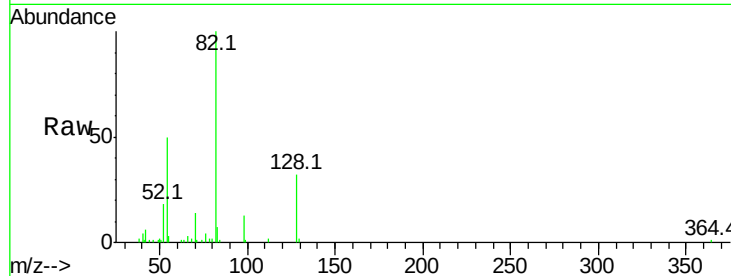
Tot Ion: 82 Resp: 45781

Ion Ratio Lower Upper

82 100

128 32.0 26.4 39.6

54 50.1 49.4 74.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG028707.D

Acq: 13 Sep 2017 20:44

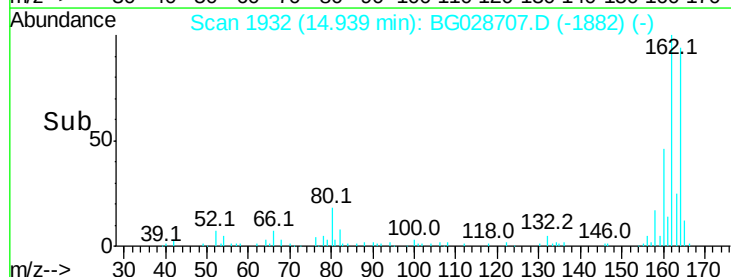
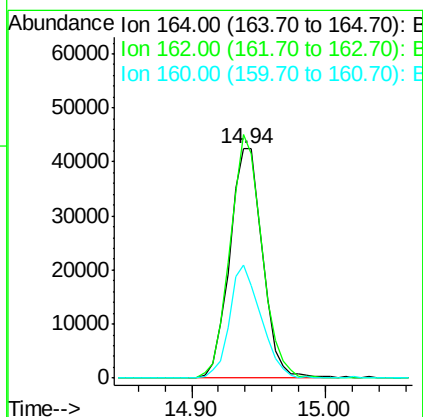
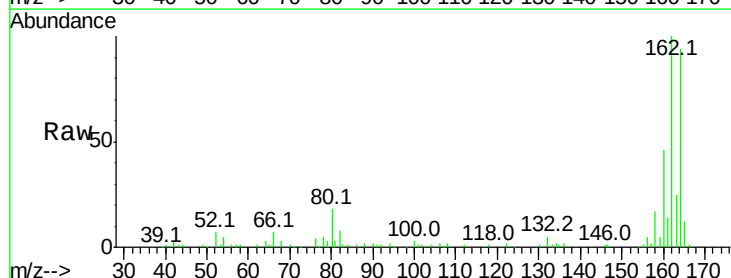
Tgt Ion: 164 Resp: 72843

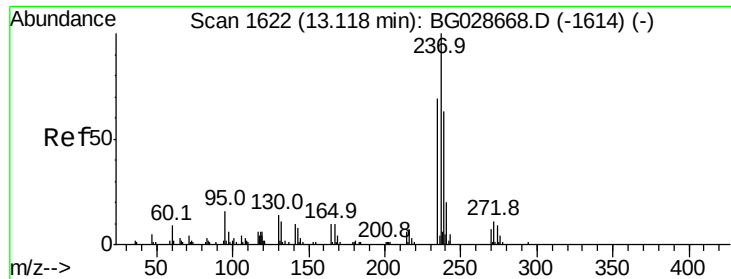
Ion Ratio Lower Upper

164 100

162 106.1 85.1 127.7

160 49.1 34.7 52.1

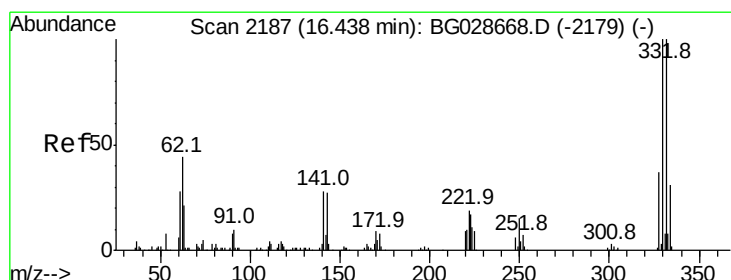
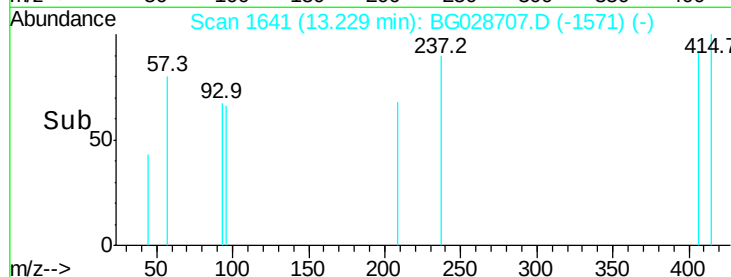
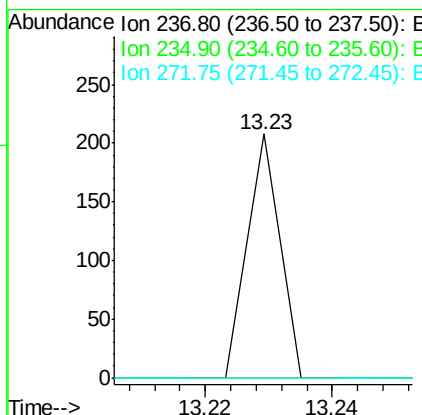
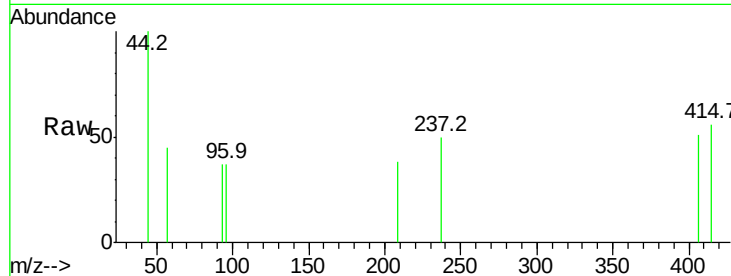




#40
Hexachlorocyclopentadiene
Concen: 7.660 ng
RT: 13.23 min Scan# 1641
Delta R.T. 0.11 min
Lab File: BG028707.D
Acq: 13 Sep 2017 20:44

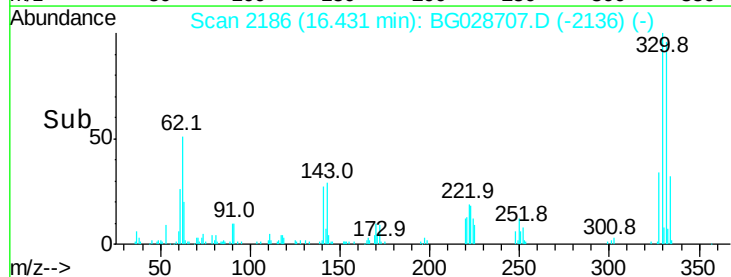
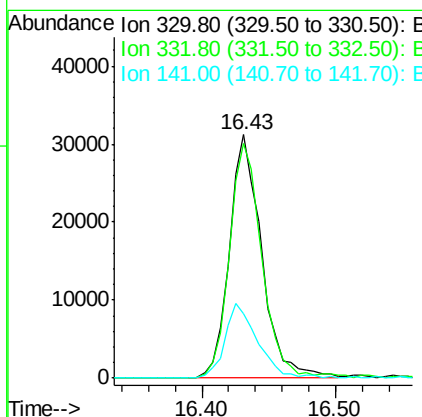
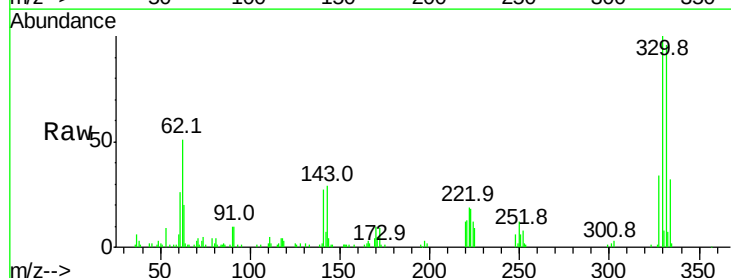
Instrument :
BNA_G
ClientSampleId :

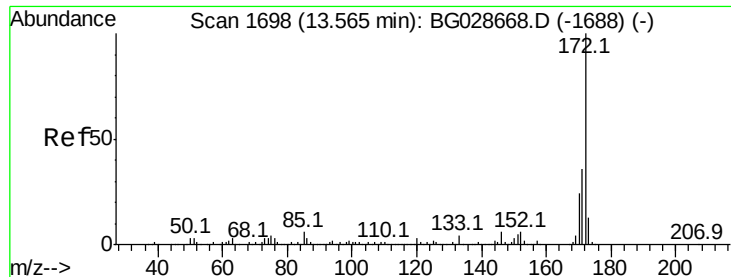
Tot Ion:237 Resp: 73
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0



#41
2,4,6-Tribromophenol
Concen: 43.659 ng
RT: 16.43 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BG028707.D
Acq: 13 Sep 2017 20:44

Tgt Ion:330 Resp: 52599
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 31.1 32.1 48.1#

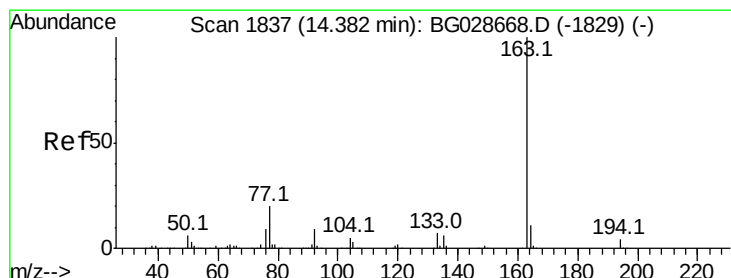
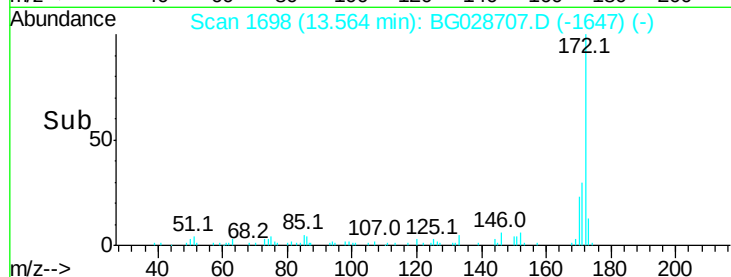
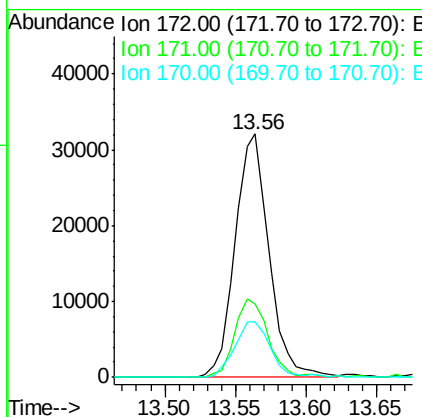
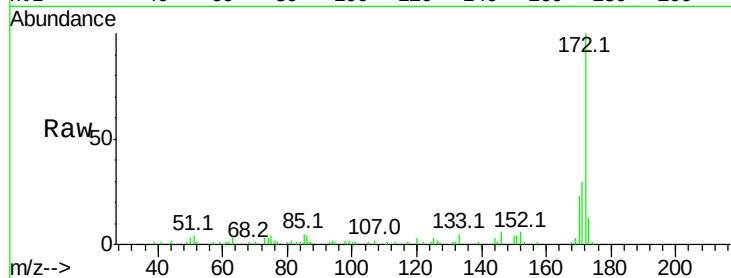




#44
2-Fluorobiphenyl
Concen: 9.867 ng
RT: 13.56 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG028707.D
Acq: 13 Sep 2017 20:44

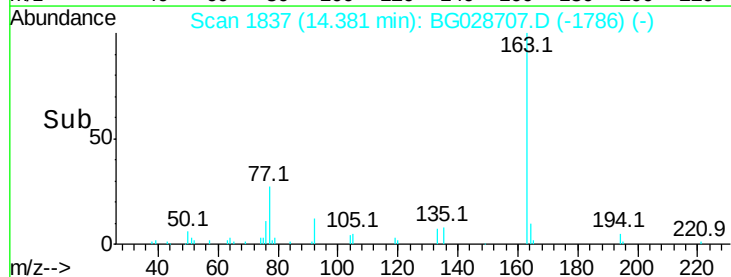
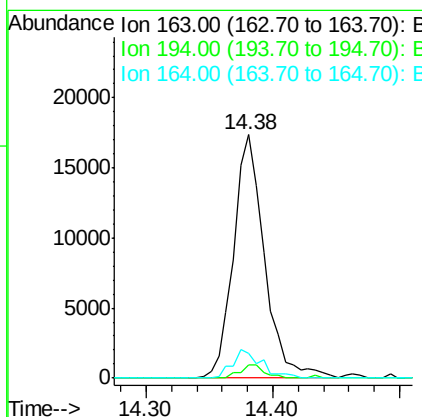
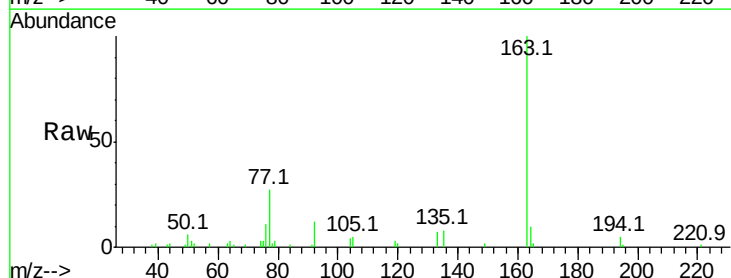
Instrument :
BNA_G
ClientSampleId :

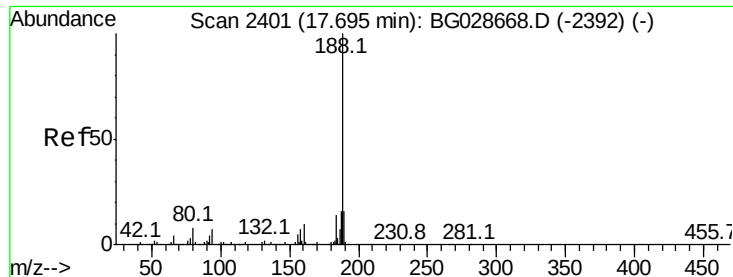
Tot Ion:172 Resp: 53902
Ion Ratio Lower Upper
172 100
171 29.9 32.2 48.2#
170 22.6 21.8 32.6



#49
Dimethylphthalate
Concen: 4.798 ng
RT: 14.38 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG028707.D
Acq: 13 Sep 2017 20:44

Tgt Ion:163 Resp: 29307
Ion Ratio Lower Upper
163 100
194 5.3 3.8 5.6
164 10.1 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028707.D

Acq: 13 Sep 2017 20:44

Instrument :

BNA_G

ClientSampleId :

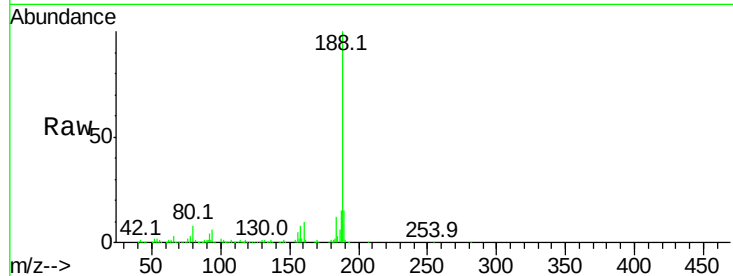
Tot Ion:188 Resp: 224125

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

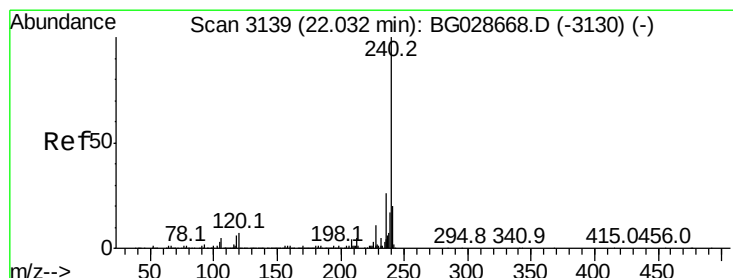
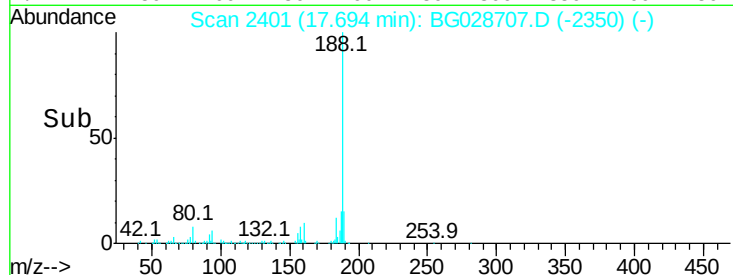
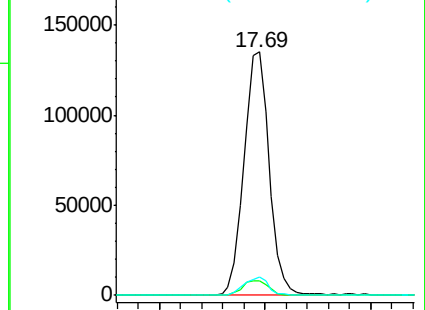
80 7.7 7.5 11.3



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: 22.02 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028707.D

Acq: 13 Sep 2017 20:44

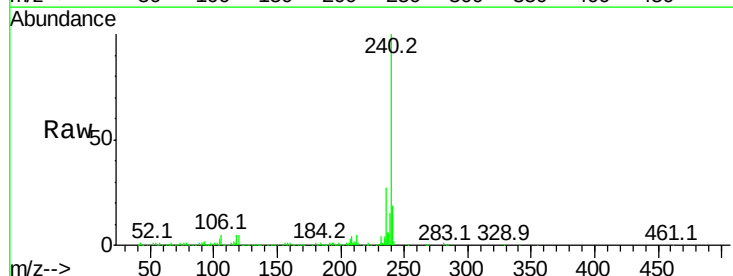
Tgt Ion:240 Resp: 251810

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

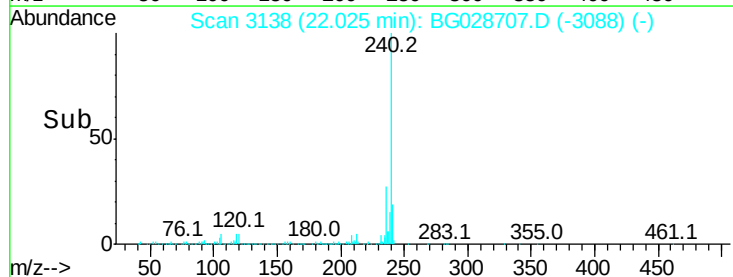
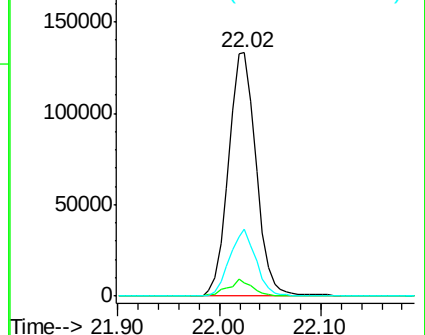
236 27.3 22.2 33.4

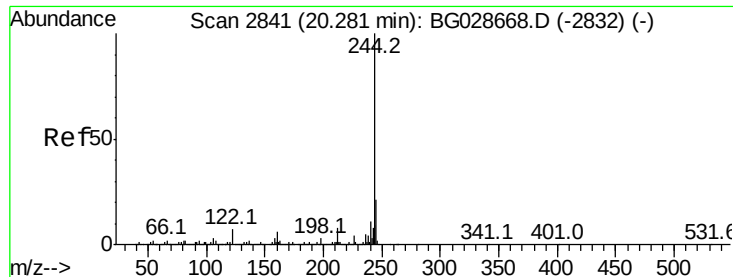


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 7.468 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028707.D

Acq: 13 Sep 2017 20:44

Instrument :

BNA_G

ClientSampleId :

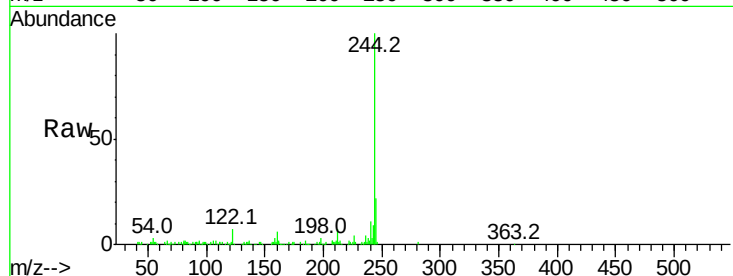
Tot Ion:244 Resp: 88176

Ion Ratio Lower Upper

244 100

212 7.2 10.0 15.0#

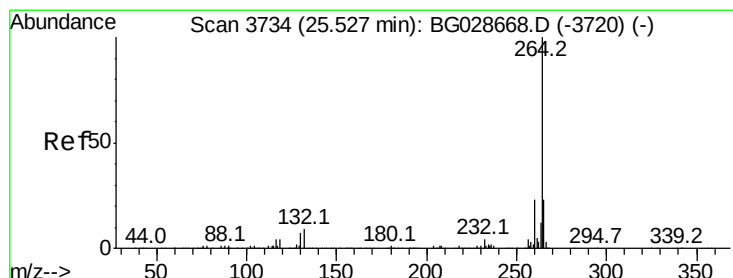
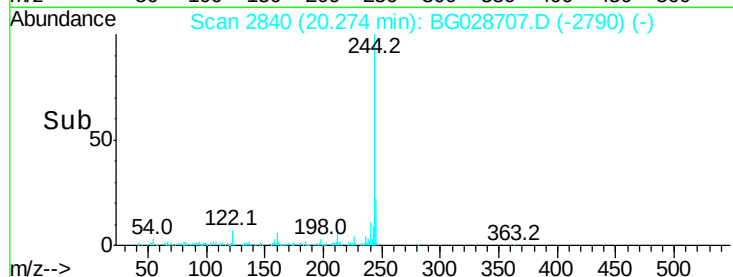
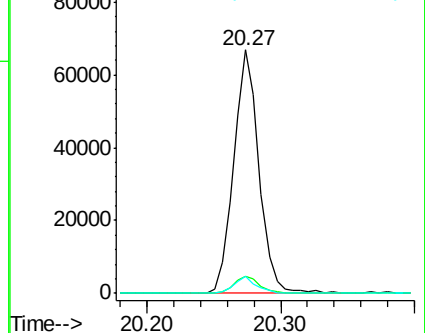
122 6.8 8.6 12.8#



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: 25.52 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG028707.D

Acq: 13 Sep 2017 20:44

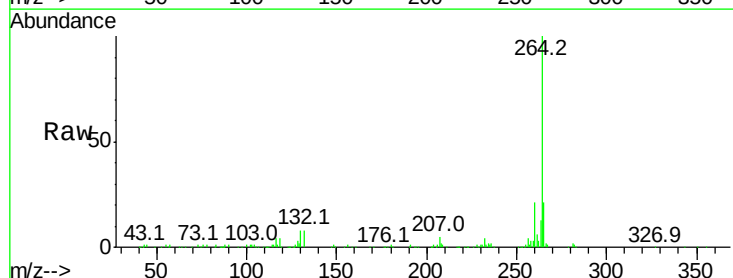
Tgt Ion:264 Resp: 259820

Ion Ratio Lower Upper

264 100

260 20.5 21.8 32.8#

265 20.9 18.2 27.4



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

