

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
 Data File : BG031448.D
 Acq On : 9 Dec 2017 9:46
 Operator : SJ/JU
 Sample : I6746-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-109-4(20-30)

Quant Time: Dec 11 06:10:26 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

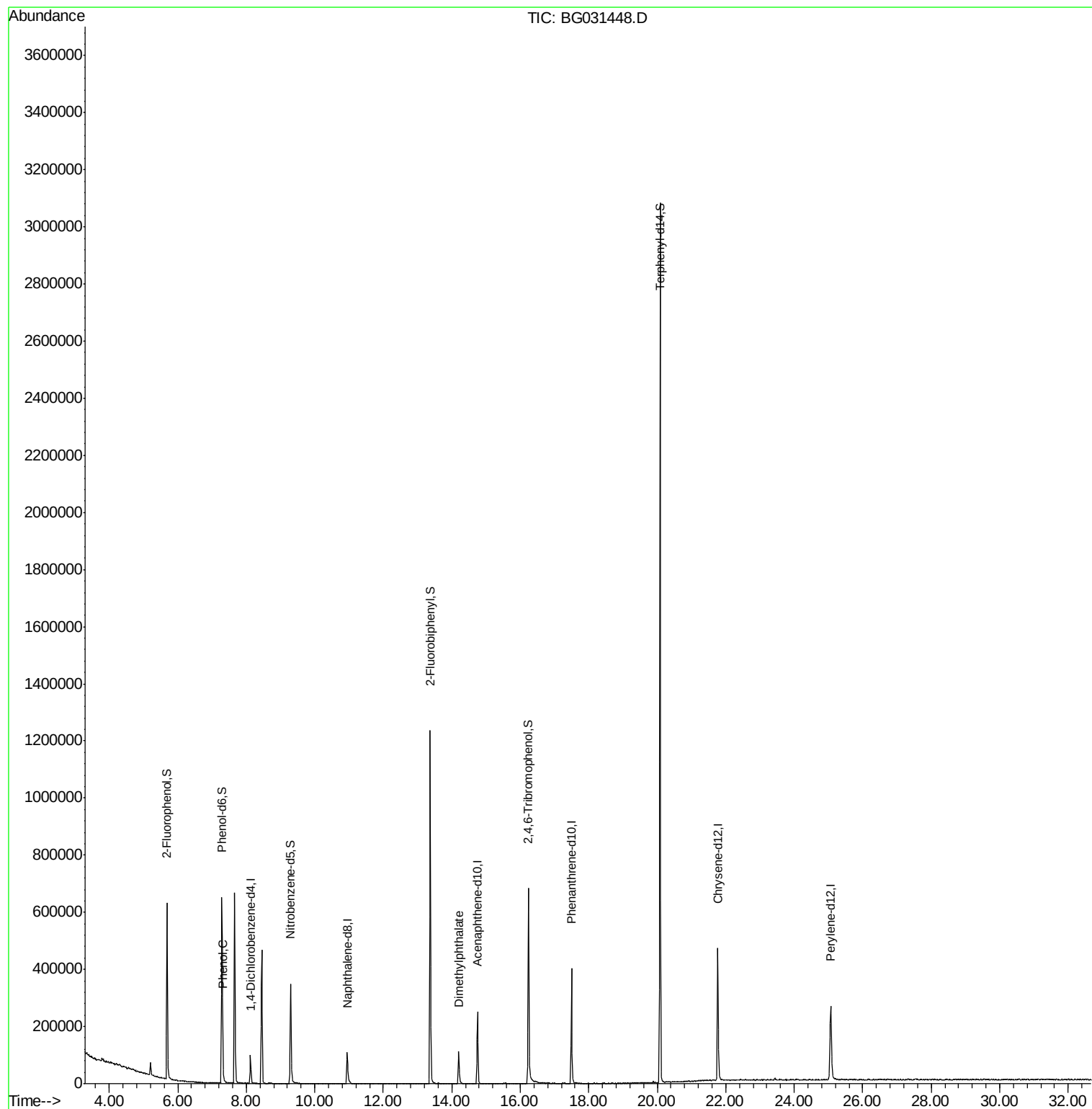
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	28726	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	131048	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	94419	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	292991	20.00	ng	0.00
75) Chrysene-d12	21.77	240	343612	20.00	ng	0.00
86) Perylene-d12	25.07	264	318964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	287002	171.32	ng	0.00
7) Phenol-d6	7.29	99	399108	176.84	ng	0.00
23) Nitrobenzene-d5	9.29	82	247484	111.91	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	157401	103.05	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	716528	109.04	ng	0.00
78) Terphenyl-d14	20.08	244	1615024	103.78	ng	0.00
Target Compounds						
10) Phenol	7.32	94	12508	5.337	ng	89
49) Dimethylphthalate	14.20	163	110947	13.590	ng	99

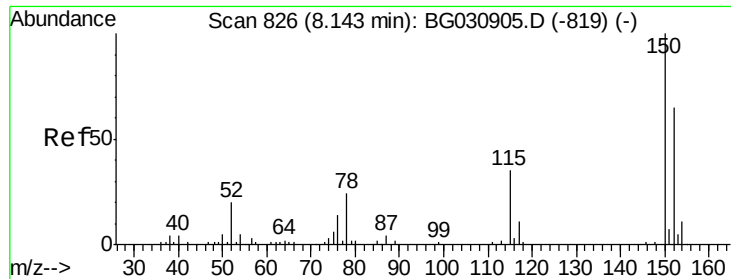
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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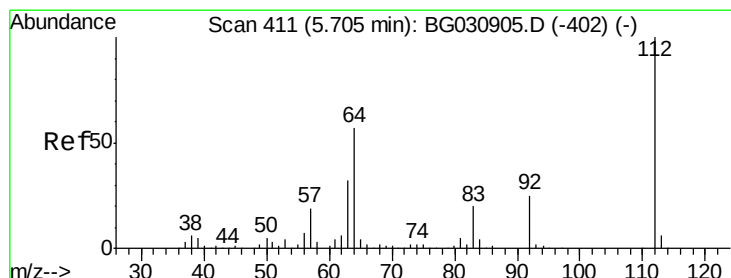
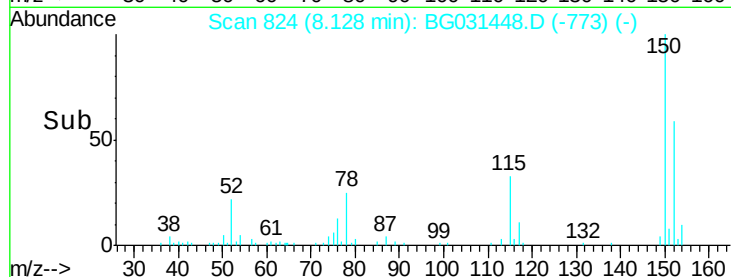
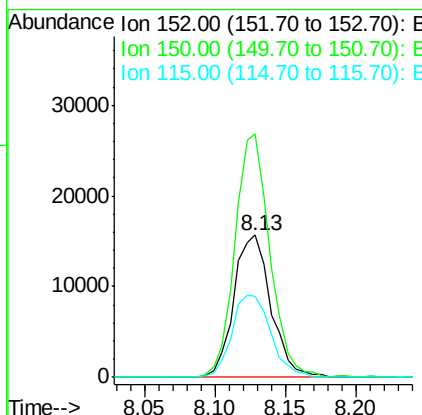
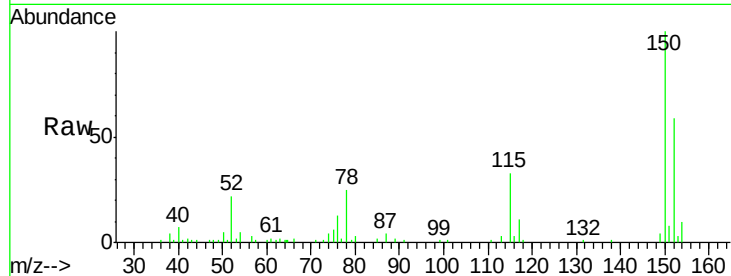


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG031448.D
Acq: 9 Dec 2017 9:46

Instrument :
BNA_G
ClientSampleId :
ENV-109-4(20-30)

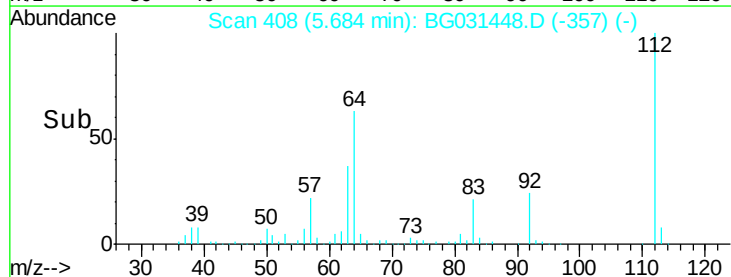
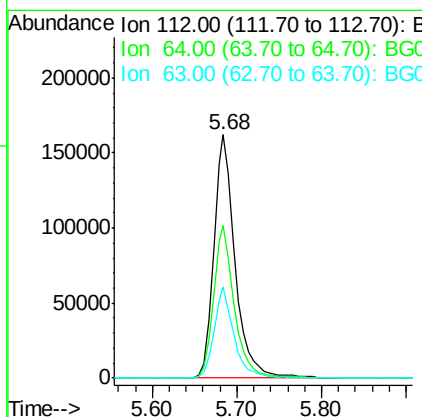
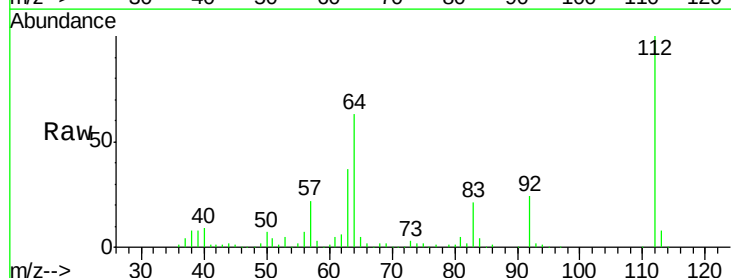
Tgt Ion:152 Resp: 28726
Ion Ratio Lower Upper
152 100
150 170.9 126.6 189.8
115 57.2 53.0 79.4

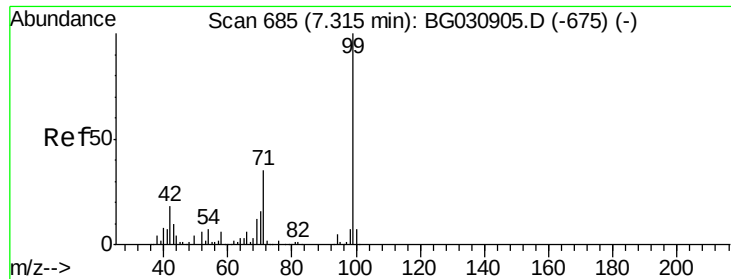


#5

2-Fluorophenol
Concen: 171.322 ng
RT: 5.68 min Scan# 408
Delta R.T. -0.00 min
Lab File: BG031448.D
Acq: 9 Dec 2017 9:46

Tgt Ion:112 Resp: 287002
Ion Ratio Lower Upper
112 100
64 62.9 56.3 84.5
63 37.3 30.1 45.1





#7

Phenol-d6

Concen: 176.840 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG031448.D

Acq: 9 Dec 2017 9:46

Instrument :

BNA_G

ClientSampleId :

ENV-109-4(20-30)

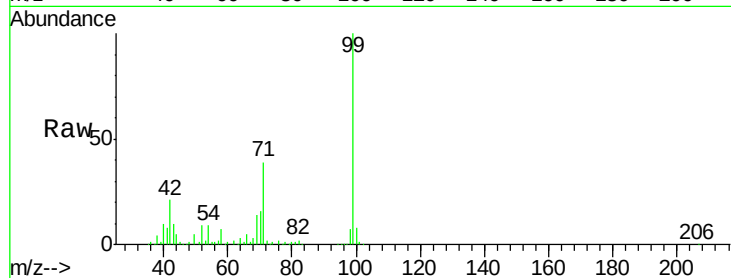
Tgt Ion: 99 Resp: 399108

Ion Ratio Lower Upper

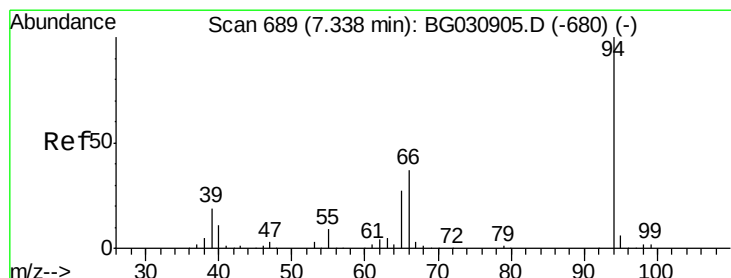
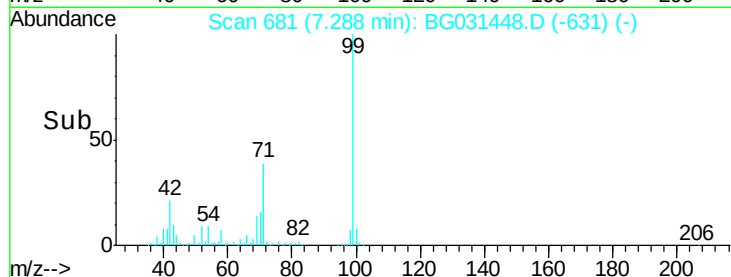
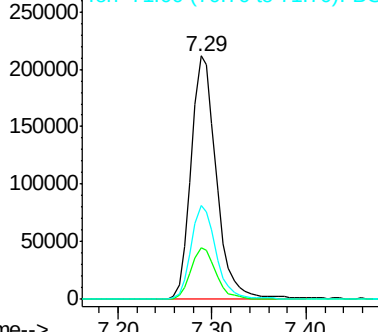
99 100

42 21.2 14.1 21.1#

71 38.6 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: 5.337 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG031448.D

Acq: 9 Dec 2017 9:46

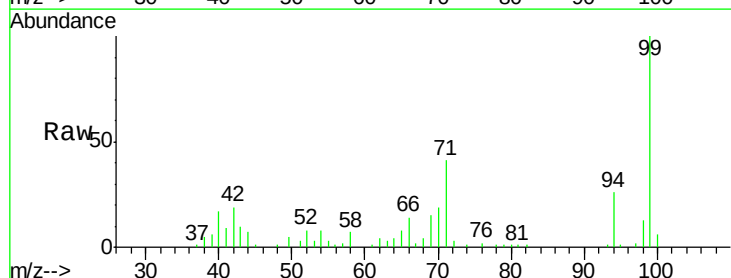
Tgt Ion: 94 Resp: 12508

Ion Ratio Lower Upper

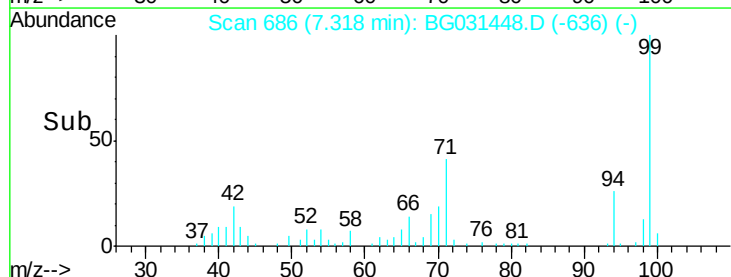
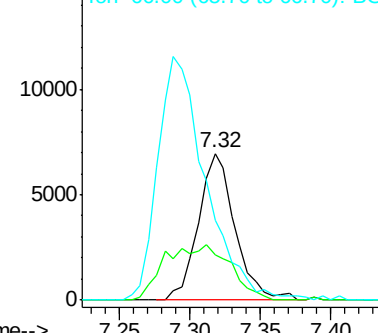
94 100

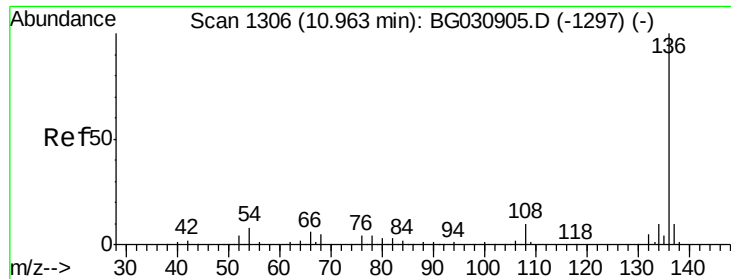
65 31.0 11.9 51.9

66 54.0 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

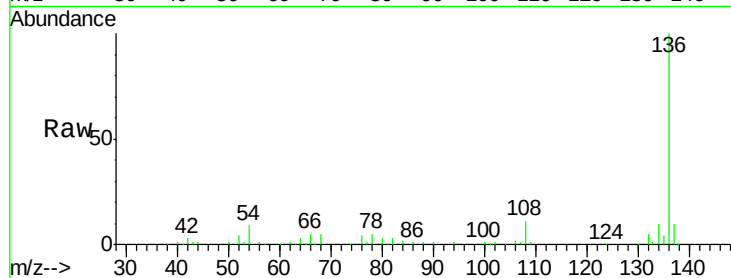




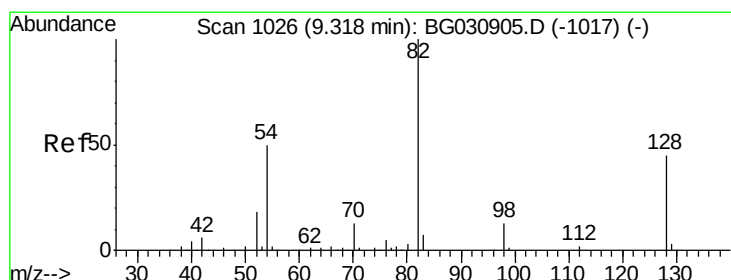
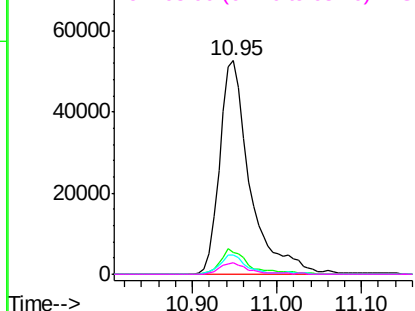
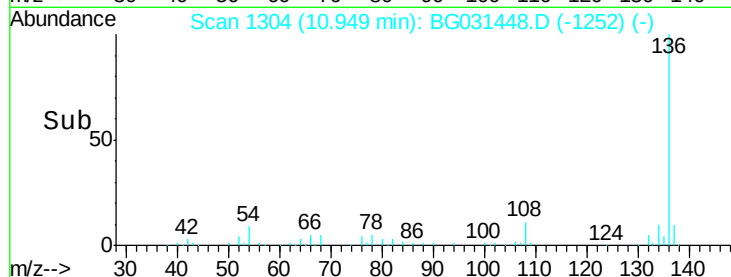
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BG031448.D
Acq: 9 Dec 2017 9:46

Instrument :
BNA_G
ClientSampleId :
ENV-109-4(20-30)

Tgt Ion:	136	Resp:	131048
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	8.8	10.3	15.5
68	5.1	4.5	6.7

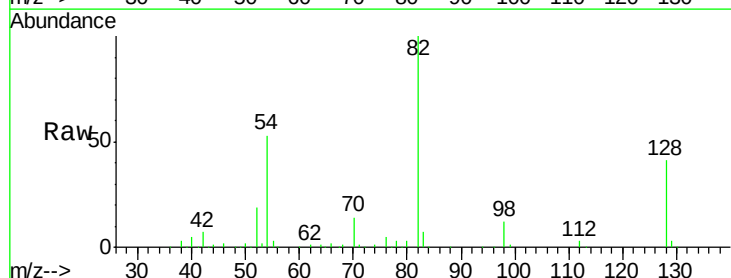


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

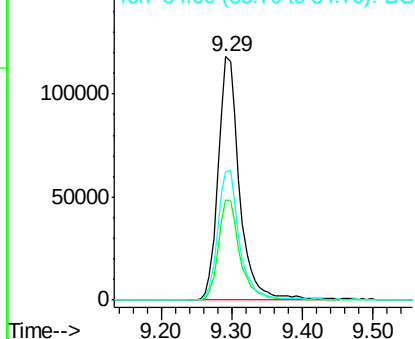
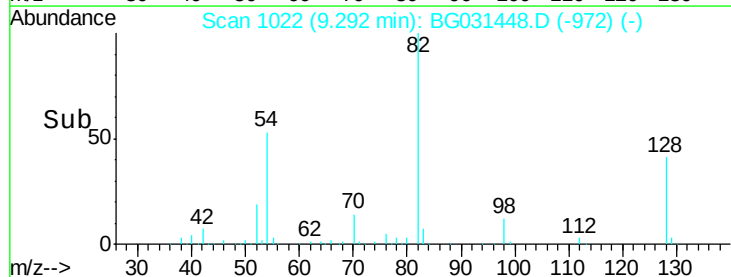


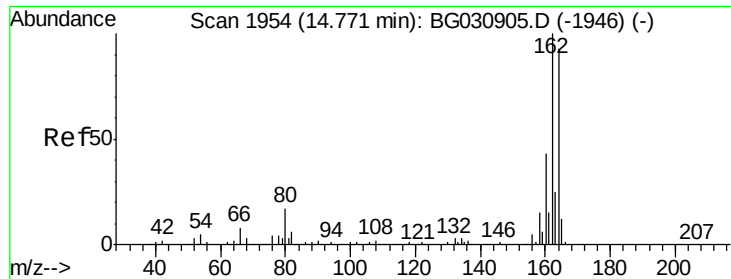
#23
Nitrobenzene-d5
Concen: 111.905 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG031448.D
Acq: 9 Dec 2017 9:46

Tgt Ion:	82	Resp:	247484
Ion	Ratio	Lower	Upper
82	100		
128	41.2	29.7	44.5
54	52.6	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG031448.D

Acq: 9 Dec 2017 9:46

Instrument :

BNA_G

ClientSampleId :

ENV-109-4(20-30)

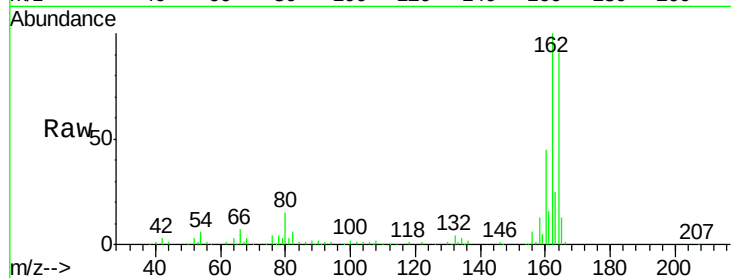
Tgt Ion:164 Resp: 94419

Ion Ratio Lower Upper

164 100

162 110.4 78.8 118.2

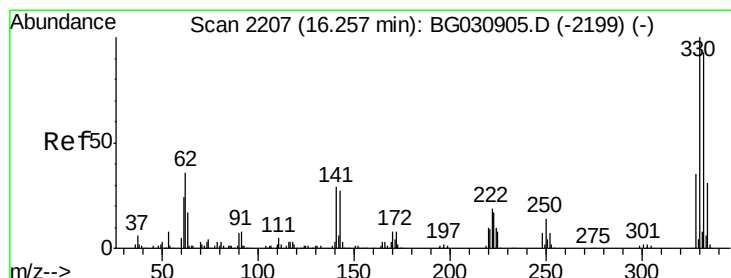
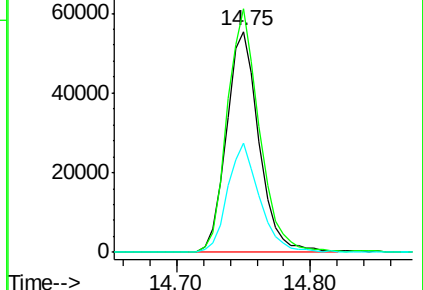
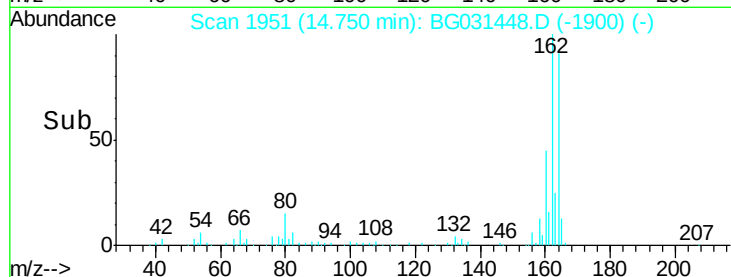
160 49.7 35.4 53.0



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: 103.052 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG031448.D

Acq: 9 Dec 2017 9:46

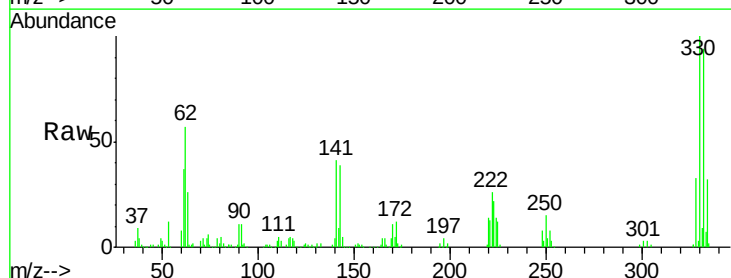
Tgt Ion:330 Resp: 157401

Ion Ratio Lower Upper

330 100

332 90.9 77.0 115.6

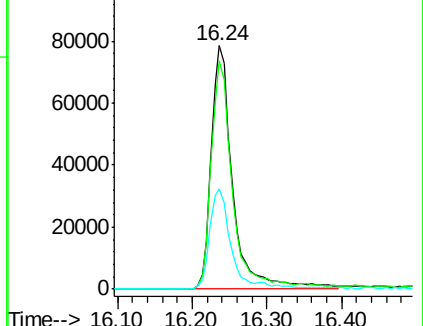
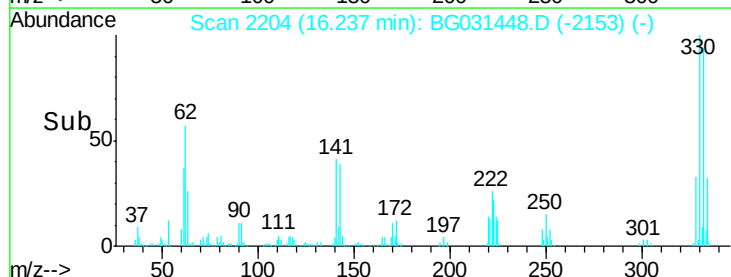
141 41.5 25.2 37.8#

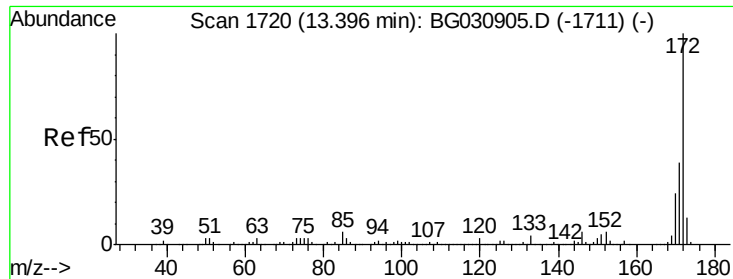


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

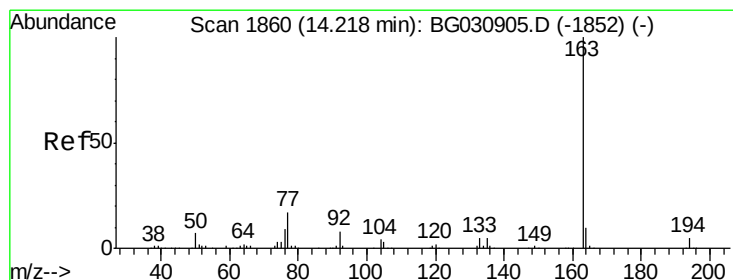
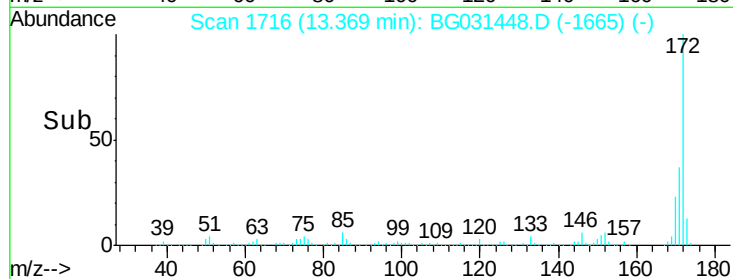
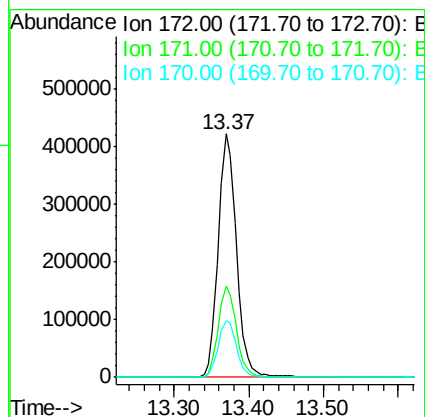
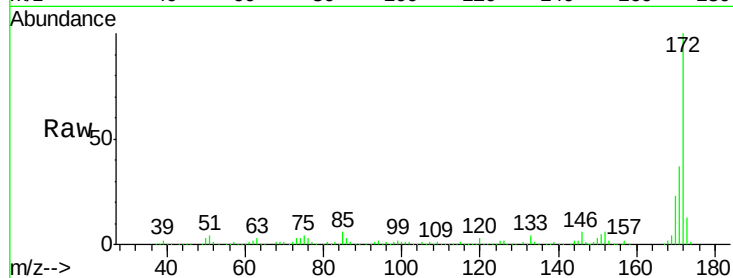




#44
 2-Fluorobiphenyl
 Concen: 109.043 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG031448.D
 Acq: 9 Dec 2017 9:46

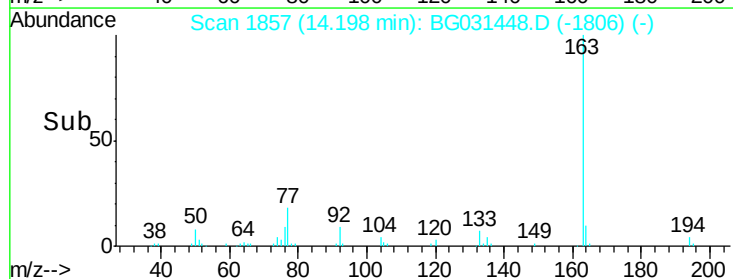
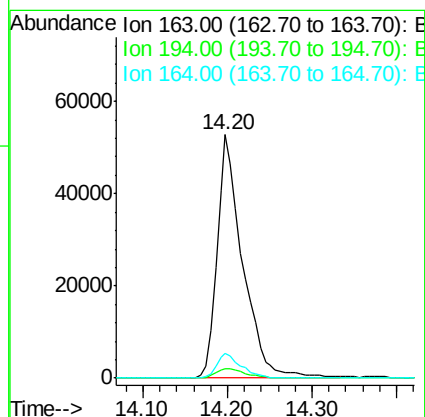
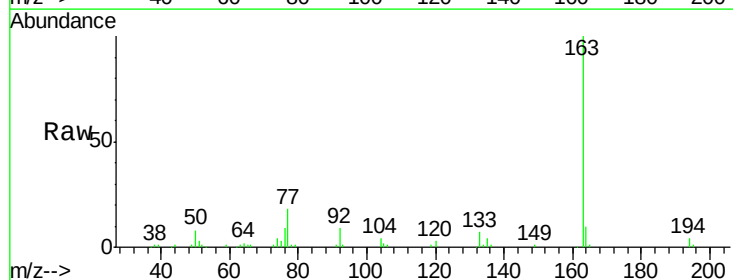
Instrument :
 BNA_G
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 ENV-109-4(20-30)

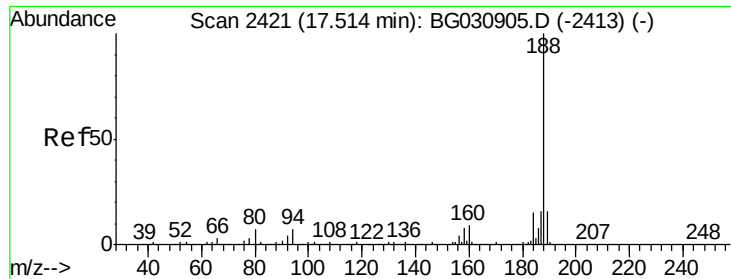
Tgt Ion:172 Resp: 716528
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 23.5 19.5 29.3



#49
 Dimethylphthalate
 Concen: 13.590 ng
 RT: 14.20 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: BG031448.D
 Acq: 9 Dec 2017 9:46

Tgt Ion:163 Resp: 110947
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.4 5.2
 164 10.4 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG031448.D

Acq: 9 Dec 2017 9:46

Instrument :

BNA_G

ClientSampleId :

ENV-109-4(20-30)

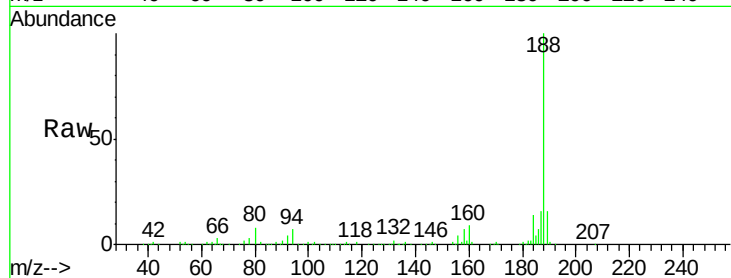
Tgt Ion:188 Resp: 292991

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

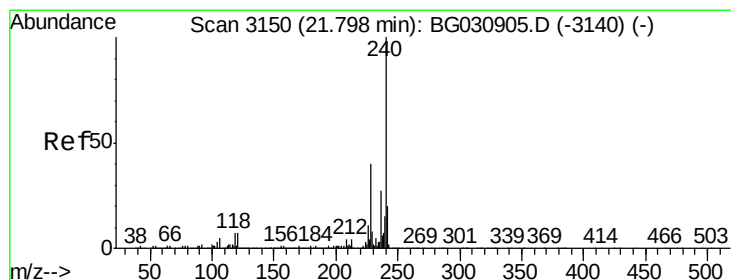
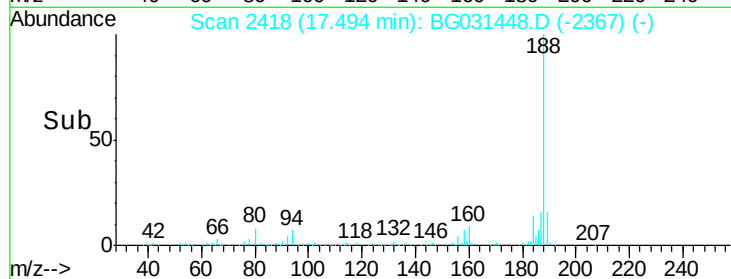
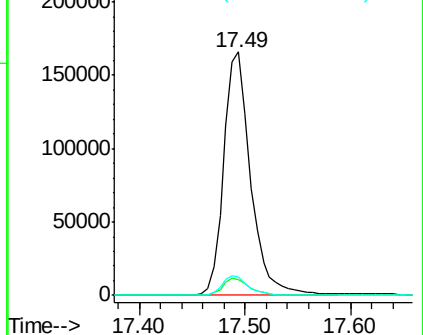
80 7.8 7.7 11.5



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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG031448.D

Acq: 9 Dec 2017 9:46

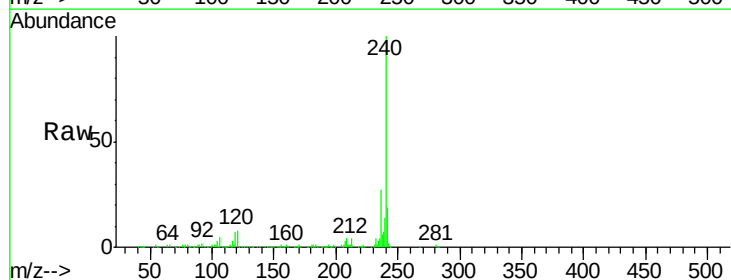
Tgt Ion:240 Resp: 343612

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

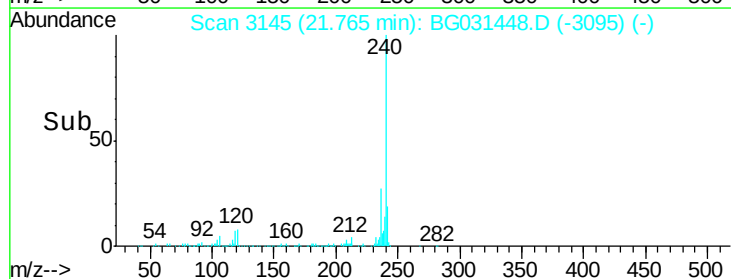
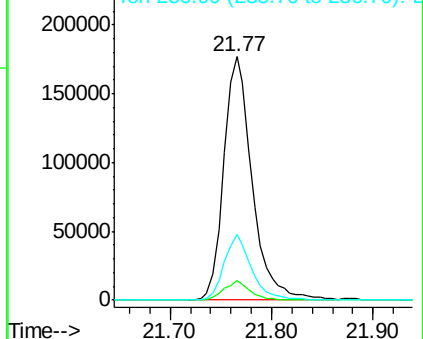
236 27.2 20.9 31.3

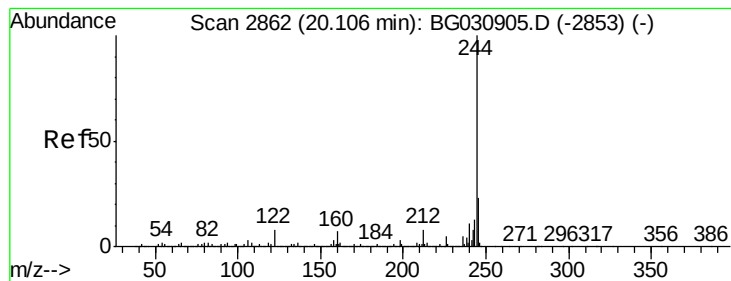


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 103.783 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031448.D

Acq: 9 Dec 2017 9:46

Instrument :

BNA_G

ClientSampleId :

ENV-109-4(20-30)

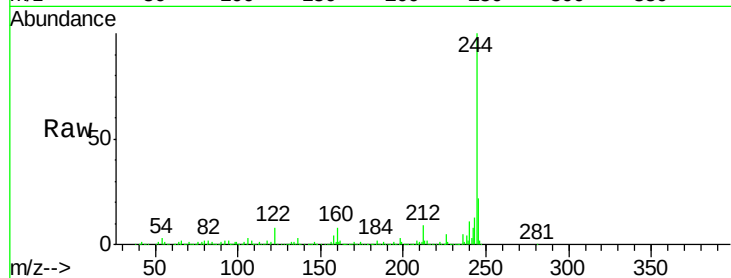
Tgt Ion:244 Resp: 1615024

Ion Ratio Lower Upper

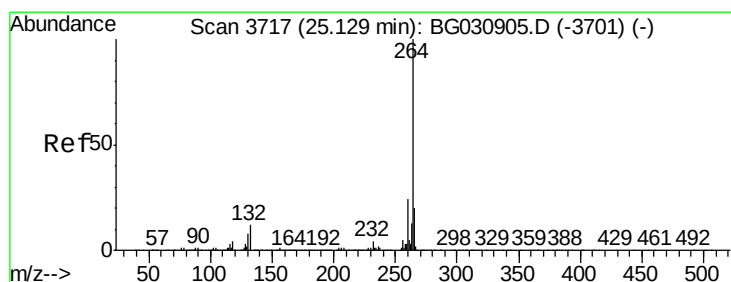
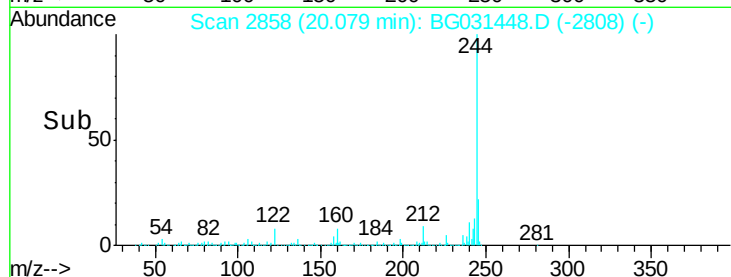
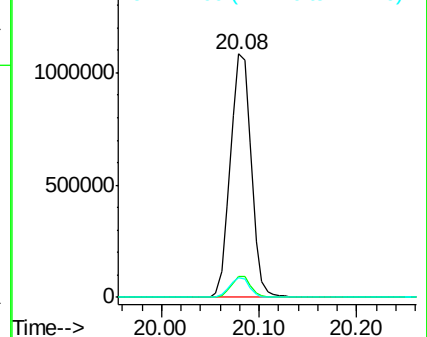
244 100

212 8.7 5.8 8.8

122 8.2 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: 25.07 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG031448.D

Acq: 9 Dec 2017 9:46

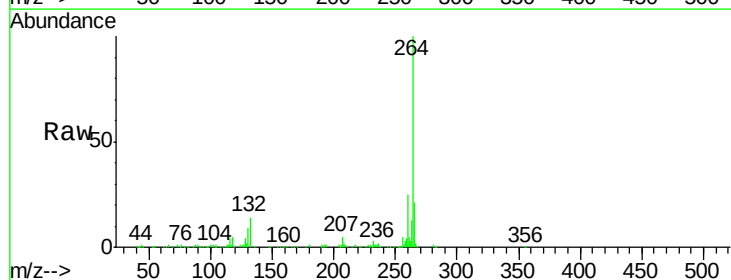
Tgt Ion:264 Resp: 318964

Ion Ratio Lower Upper

264 100

260 25.0 17.4 26.0

265 21.2 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

