

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
 Data File : BG025489.D
 Acq On : 12 Jan 2017 19:34
 Operator : UM/SJ
 Sample : I1029-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-006

Quant Time: Jan 13 01:15:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

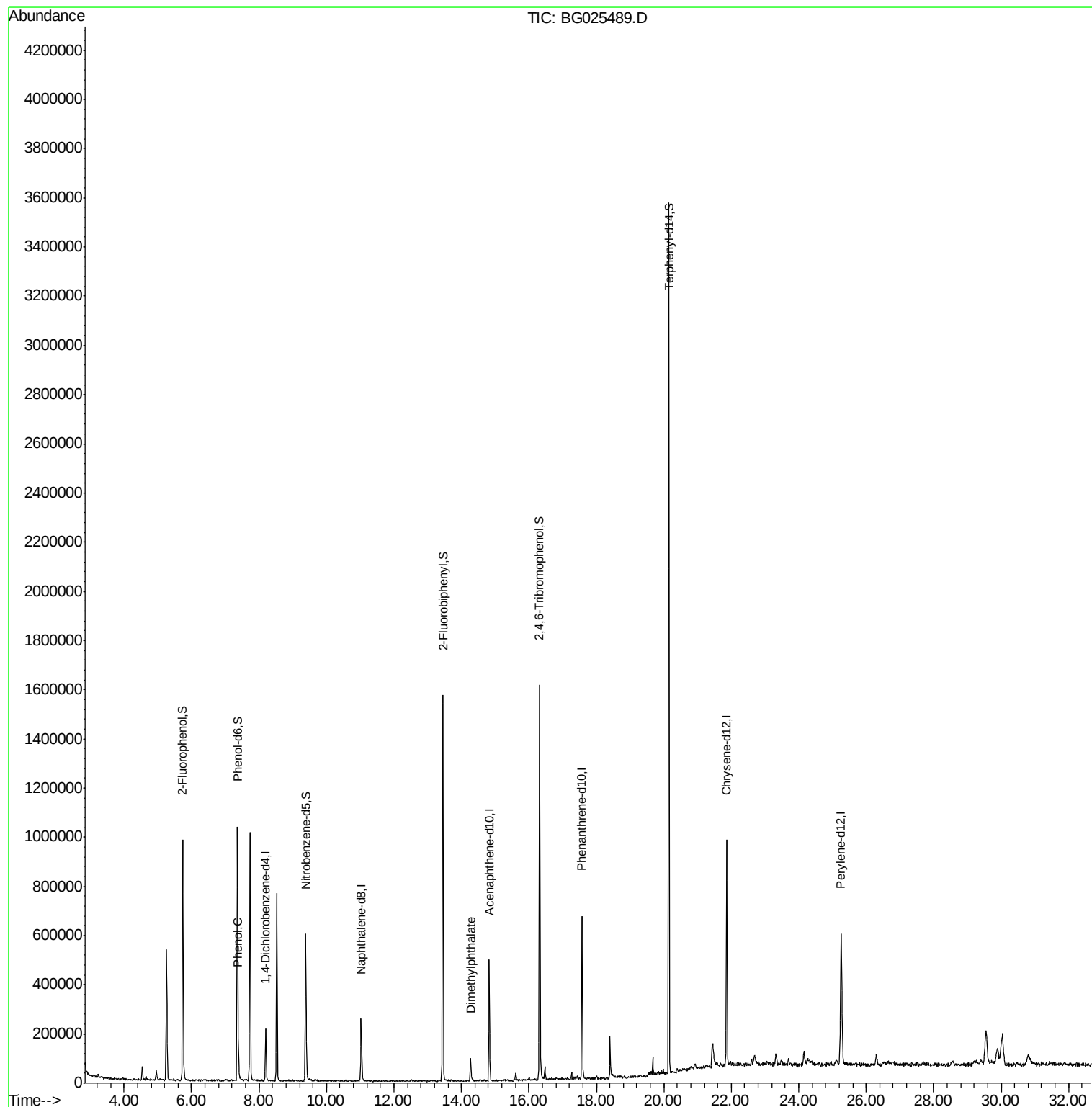
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	51614	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	214472	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	186110	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	429216	20.00	ng	0.00
75) Chrysene-d12	21.86	240	628942	20.00	ng	0.00
86) Perylene-d12	25.25	264	669774	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	386898	136.25	ng	0.00
7) Phenol-d6	7.36	99	545699	136.45	ng	0.00
23) Nitrobenzene-d5	9.38	82	401712	82.74	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	345248	115.23	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	811195	70.57	ng	0.00
78) Terphenyl-d14	20.15	244	1558062	65.68	ng	0.00
Target Compounds						
10) Phenol	7.39	94	23017	5.19	ng	94
49) Dimethylphthalate	14.28	163	68307	5.03	ng	# 92

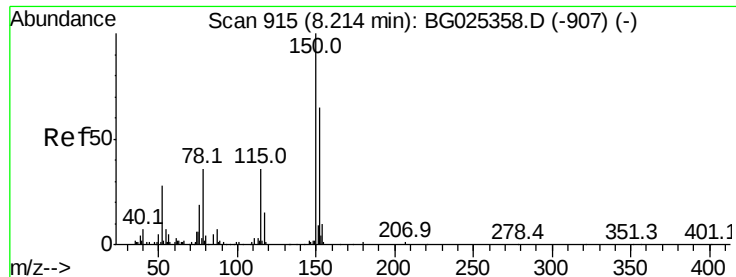
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. 0.01 min

Lab File: BG025489.D

Acq: 12 Jan 2017 19:34

Instrument :

BNA_G

ClientSampleId :

COMP-006

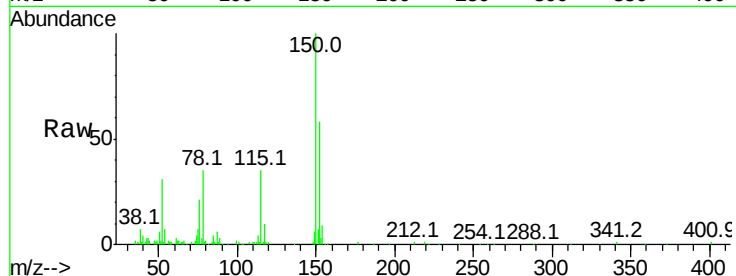
Tot Ion:152 Resp: 51614

Ion Ratio Lower Upper

152 100

150 173.7 114.0 171.0#

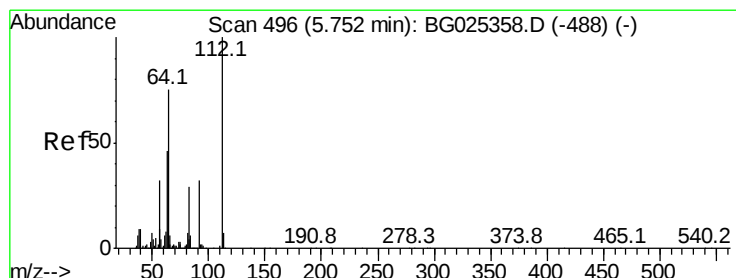
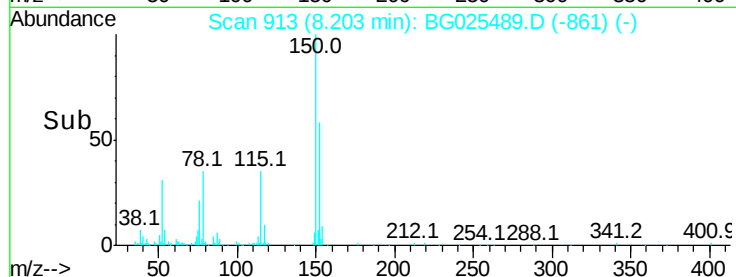
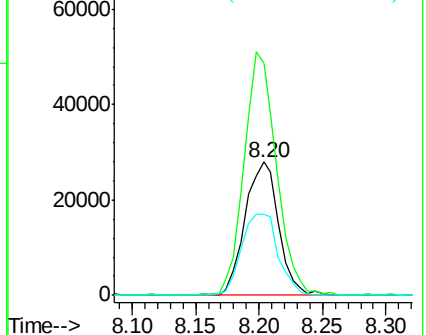
115 61.2 48.1 72.1



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: 136.25 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.01 min

Lab File: BG025489.D

Acq: 12 Jan 2017 19:34

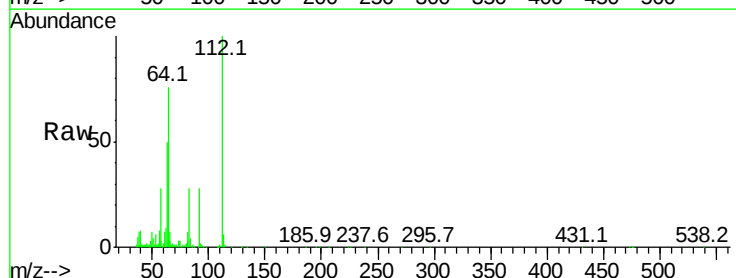
Tgt Ion:112 Resp: 386898

Ion Ratio Lower Upper

112 100

64 75.7 61.8 92.6

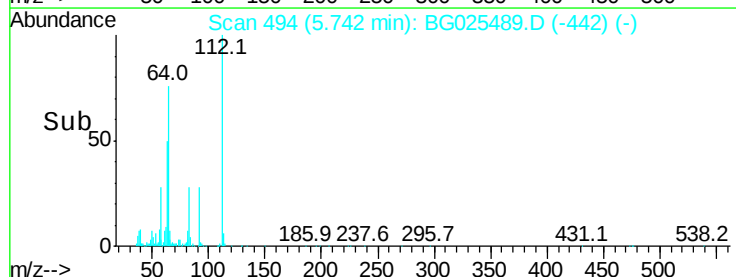
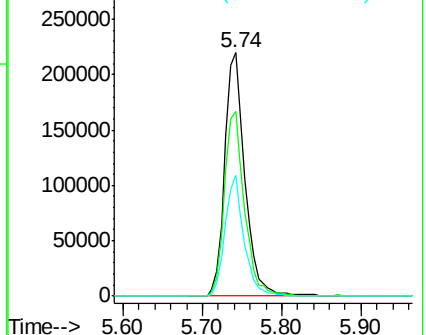
63 49.8 37.2 55.8

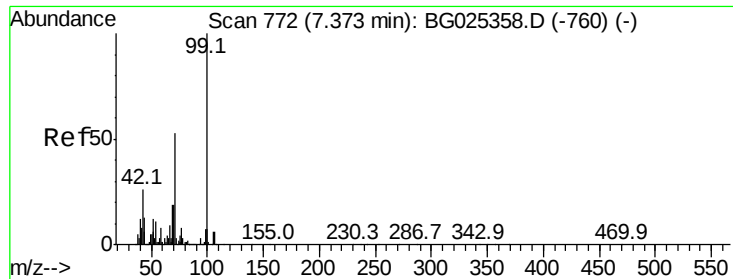


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 136.45 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG025489.D

Acq: 12 Jan 2017 19:34

Instrument :

BNA_G

ClientSampleId :

COMP-006

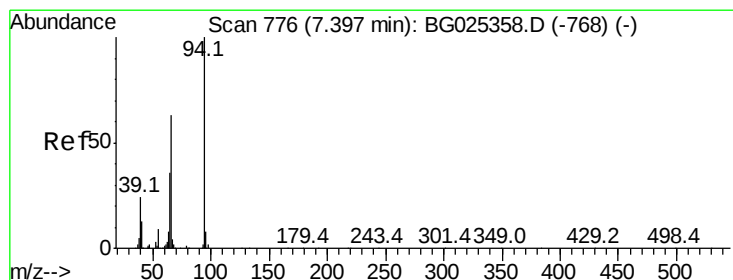
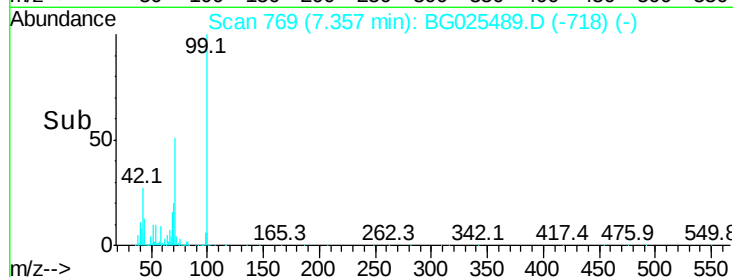
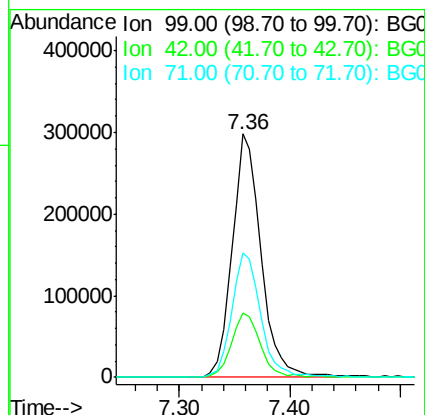
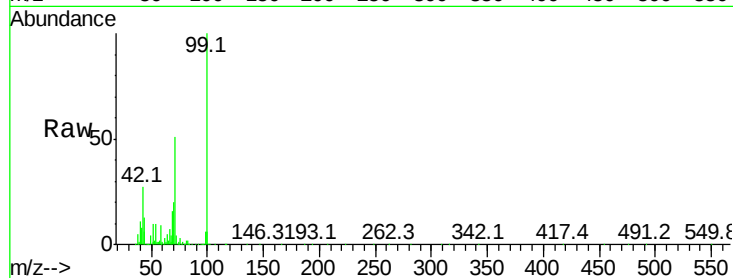
Tot Ion: 99 Resp: 545699

Ion Ratio Lower Upper

99 100

42 26.5 20.5 30.7

71 51.2 37.6 56.4



#10

Phenol

Concen: 5.19 ng

RT: 7.39 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG025489.D

Acq: 12 Jan 2017 19:34

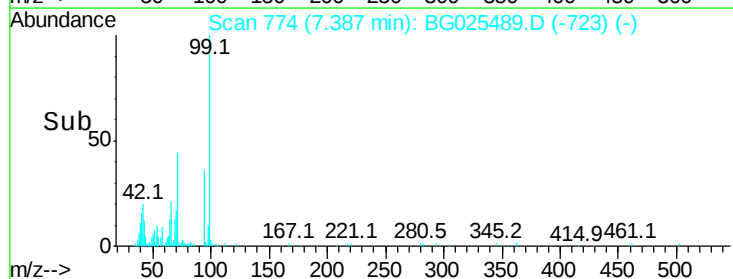
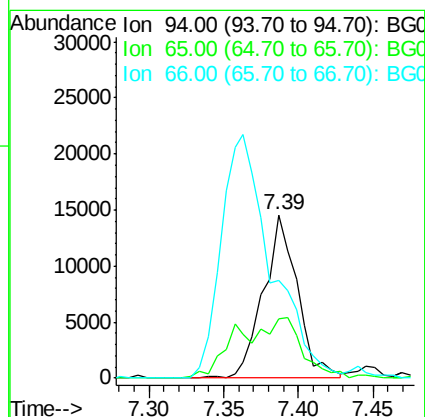
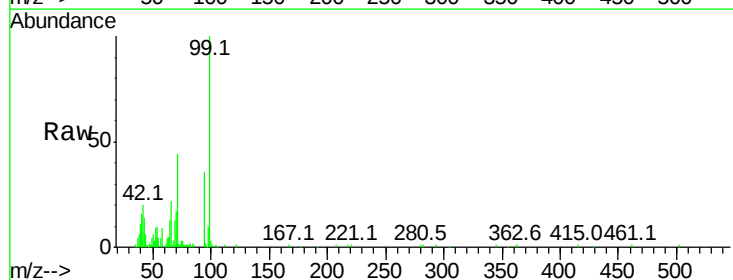
Tgt Ion: 94 Resp: 23017

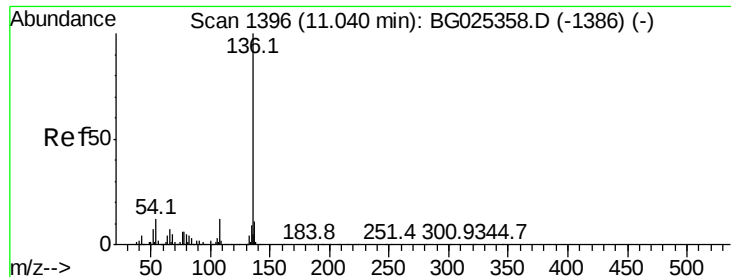
Ion Ratio Lower Upper

94 100

65 36.4 20.6 60.6

66 59.8 35.5 75.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BG025489.D

Acq: 12 Jan 2017 19:34

Instrument :

BNA_G

ClientSampleId :

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Tot Ion:136 Resp: 214472

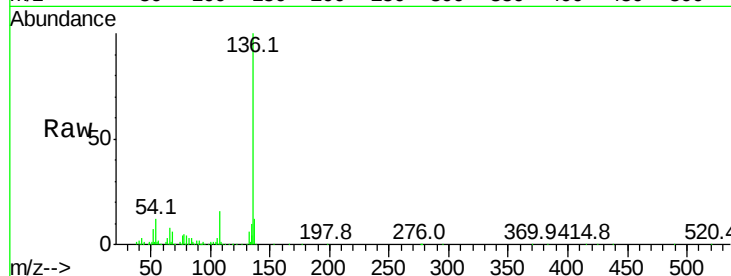
Ion Ratio Lower Upper

136 100

137 12.1 8.9 13.3

54 12.4 9.3 13.9

68 6.4 5.1 7.7

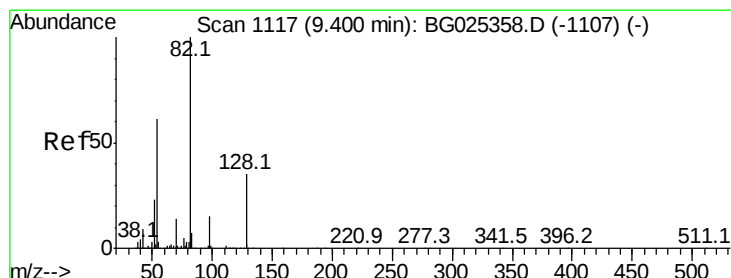
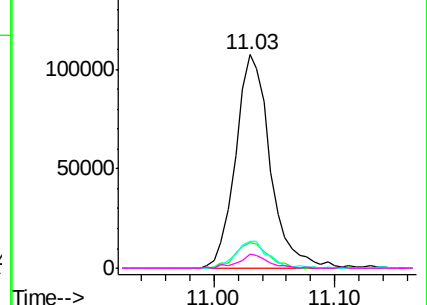
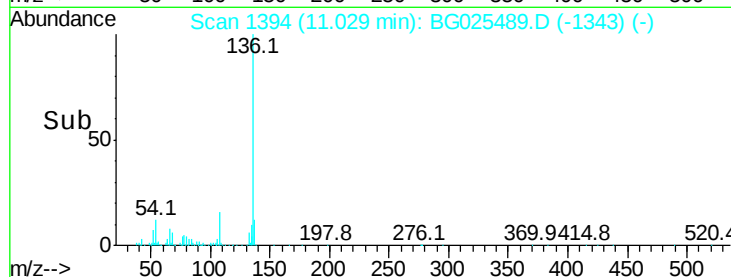


Abundance Ion 136.00 (135.70 to 136.70): B

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: 82.74 ng

RT: 9.38 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BG025489.D

Acq: 12 Jan 2017 19:34

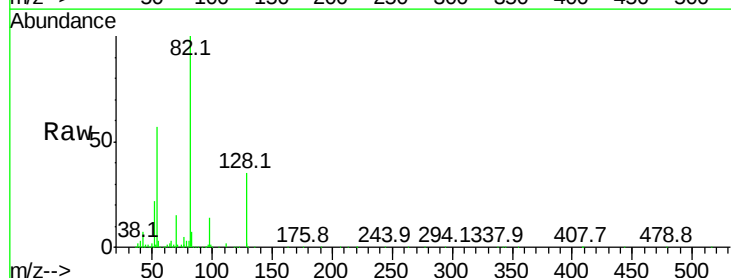
Tgt Ion: 82 Resp: 401712

Ion Ratio Lower Upper

82 100

128 35.0 26.4 39.6

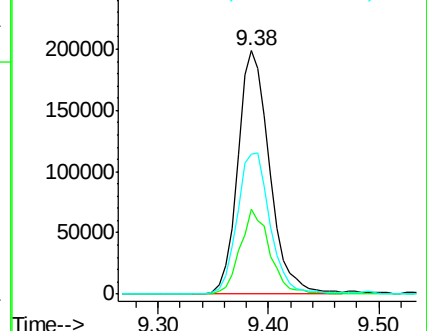
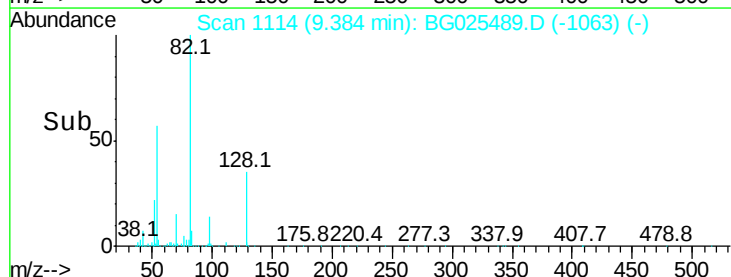
54 57.4 49.4 74.2

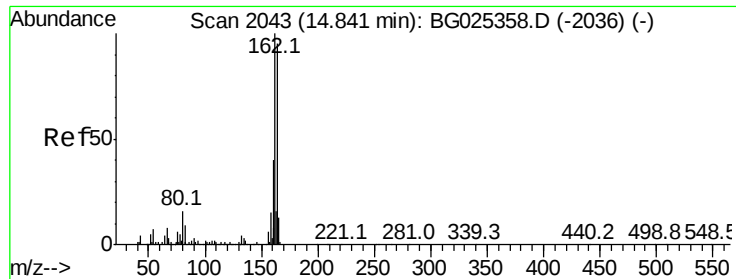


Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BG025489.D

Acq: 12 Jan 2017 19:34

Instrument :

BNA_G

ClientSampleId :

COMP-006

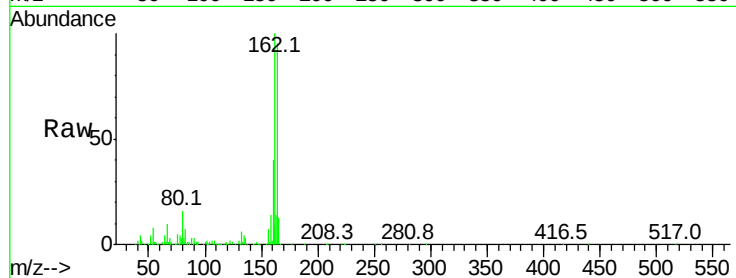
Tot Ion:164 Resp: 186110

Ion Ratio Lower Upper

164 100

162 104.8 85.1 127.7

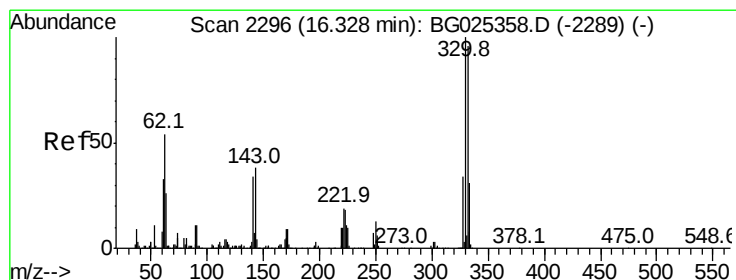
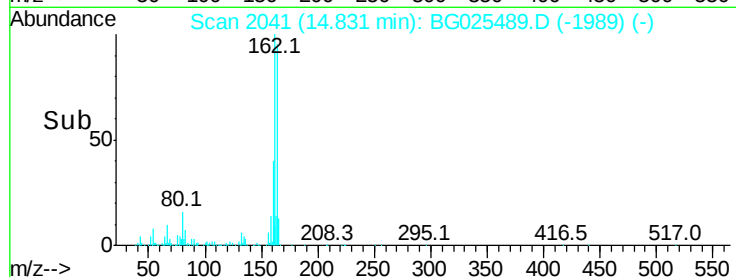
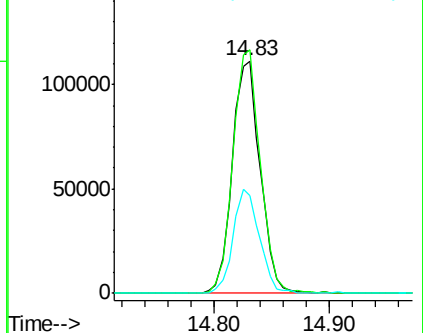
160 42.2 34.7 52.1



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: 115.23 ng

RT: 16.32 min Scan# 2294

Delta R.T. 0.00 min

Lab File: BG025489.D

Acq: 12 Jan 2017 19:34

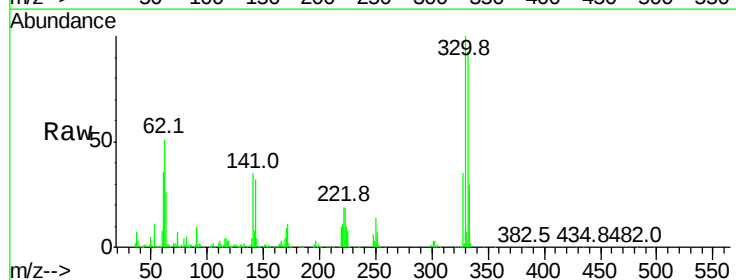
Tgt Ion:330 Resp: 345248

Ion Ratio Lower Upper

330 100

332 93.5 77.3 115.9

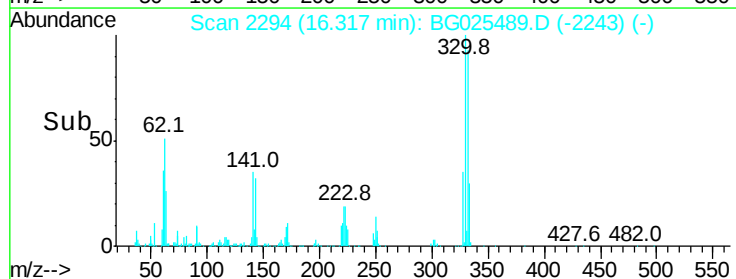
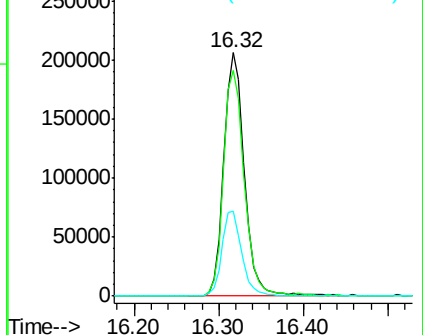
141 33.8 32.1 48.1

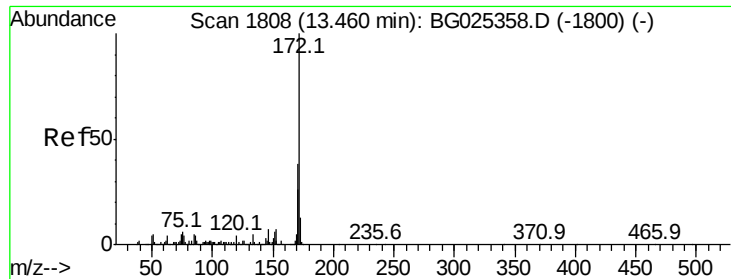


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

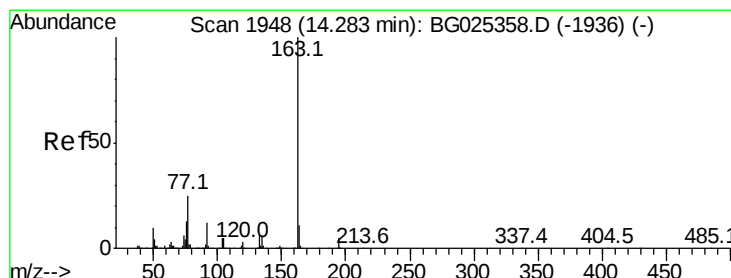
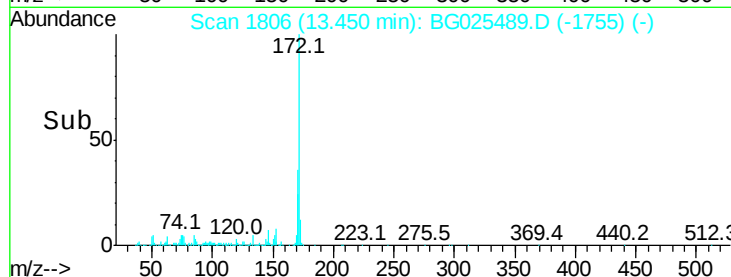
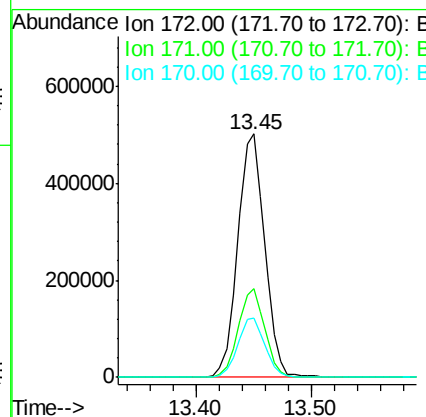
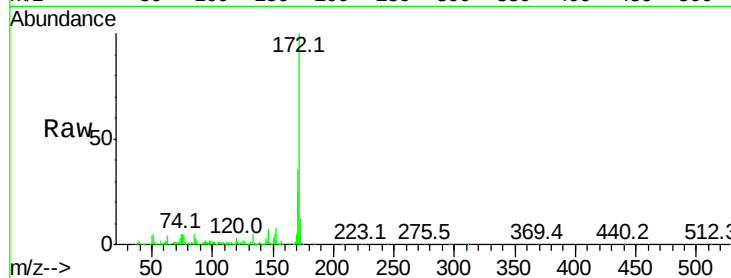




#44
2-Fluorobiphenyl
Concen: 70.57 ng
RT: 13.45 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG025489.D
Acq: 12 Jan 2017 19:34

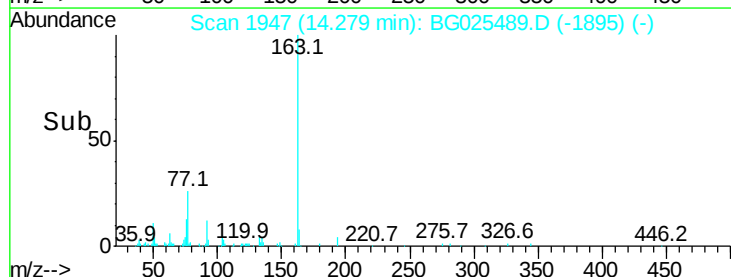
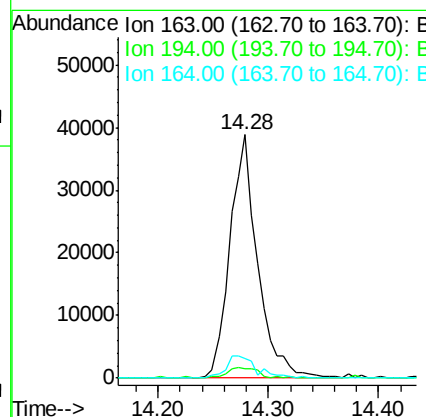
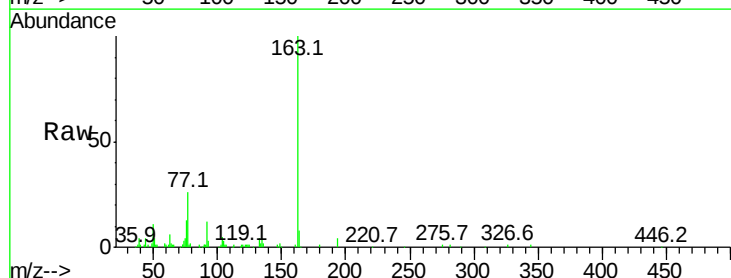
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COMP-006

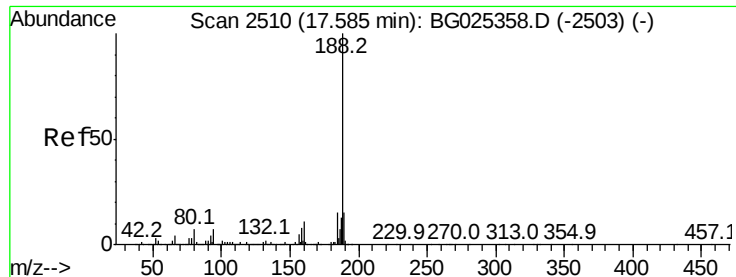
Tot Ion:172 Resp: 811195
Ion Ratio Lower Upper
172 100
171 36.3 32.2 48.2
170 24.4 21.8 32.6



#49
Dimethylphthalate
Concen: 5.03 ng
RT: 14.28 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BG025489.D
Acq: 12 Jan 2017 19:34

Tgt Ion:163 Resp: 68307
Ion Ratio Lower Upper
163 100
194 3.7 3.8 5.6#
164 7.9 9.3 13.9#

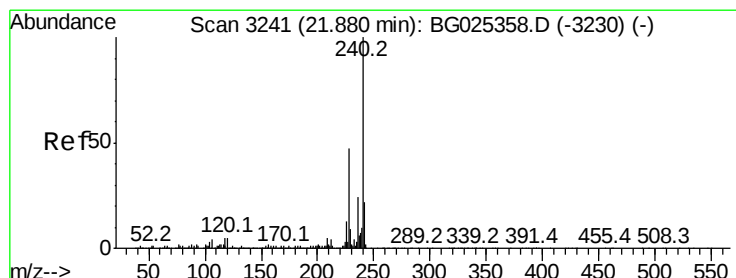
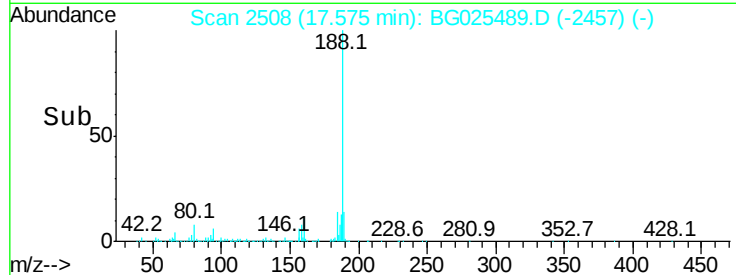
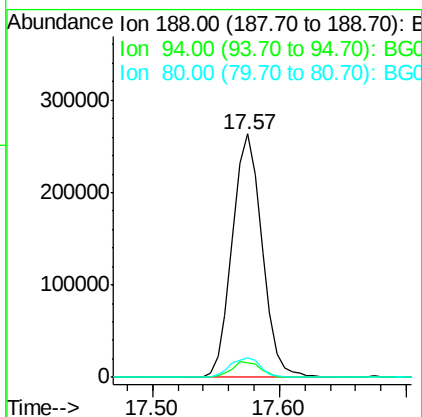
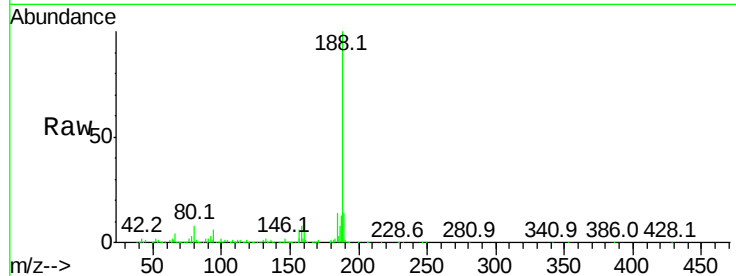




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG025489.D
Acq: 12 Jan 2017 19:34

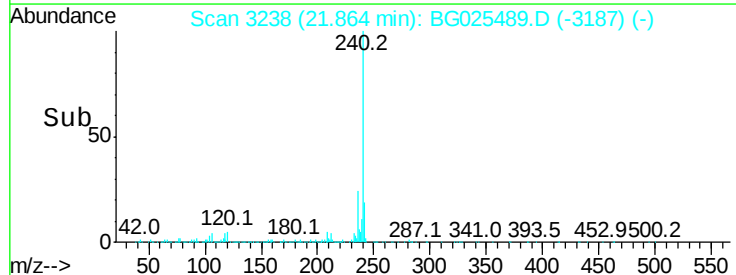
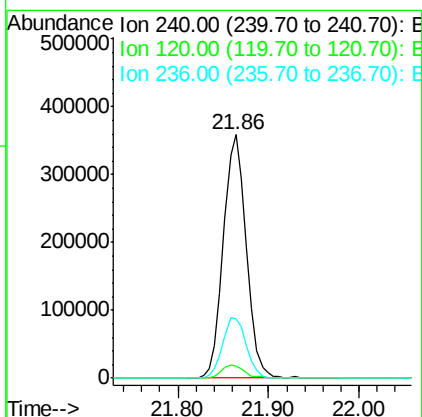
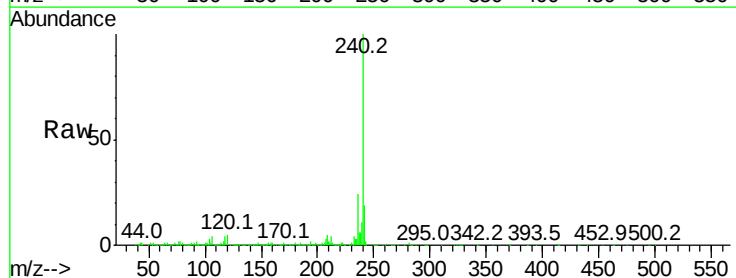
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BNA_G
ClientSampleId :
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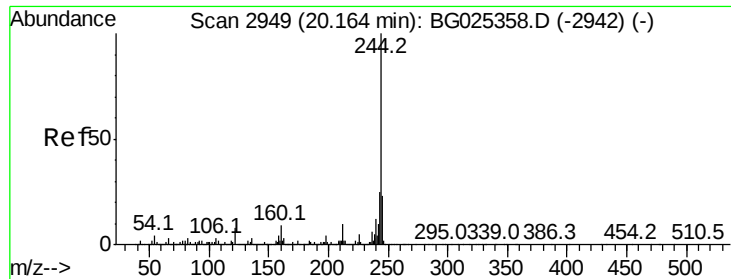
Tot Ion:188 Resp: 429216
Ion Ratio Lower Upper
188 100
94 6.1 5.8 8.8
80 8.0 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BG025489.D
Acq: 12 Jan 2017 19:34

Tgt Ion:240 Resp: 628942
Ion Ratio Lower Upper
240 100
120 4.7 5.7 8.5#
236 24.4 22.2 33.4





#78

Terphenyl-d14

Concen: 65.68 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG025489.D

Acq: 12 Jan 2017 19:34

Instrument :

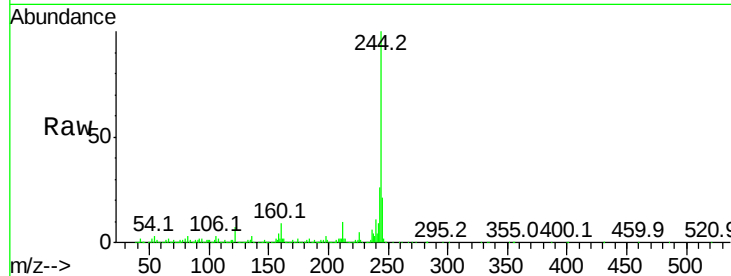
BNA_G

ClientSampleId :

COMP-006

Tot Ion:244 Resp: 1558062

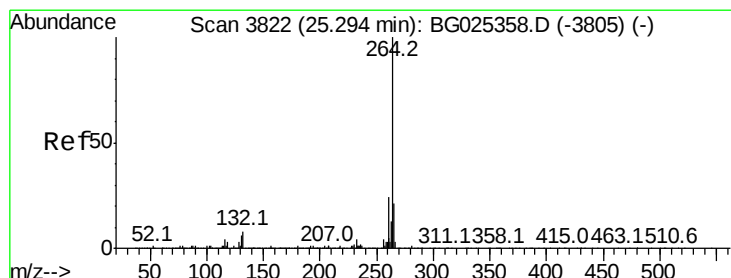
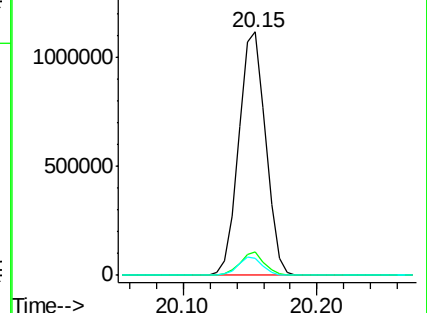
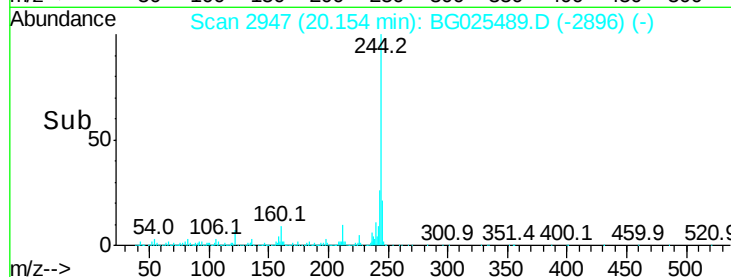
Ion	Ratio	Lower	Upper
244	100		
212	9.8	10.0	15.0#
122	7.1	8.6	12.8#



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: 20.00 ng

RT: 25.25 min Scan# 3815

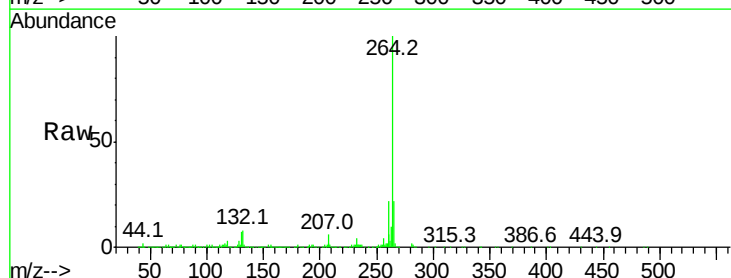
Delta R.T. -0.01 min

Lab File: BG025489.D

Acq: 12 Jan 2017 19:34

Tgt Ion:264 Resp: 669774

Ion	Ratio	Lower	Upper
264	100		
260	22.2	21.8	32.8
265	21.6	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

