

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022586.D
 Acq On : 25 Jun 2016 22:46
 Operator : UM/SJ
 Sample : H3698-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-16

Quant Time: Jun 26 06:49:07 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

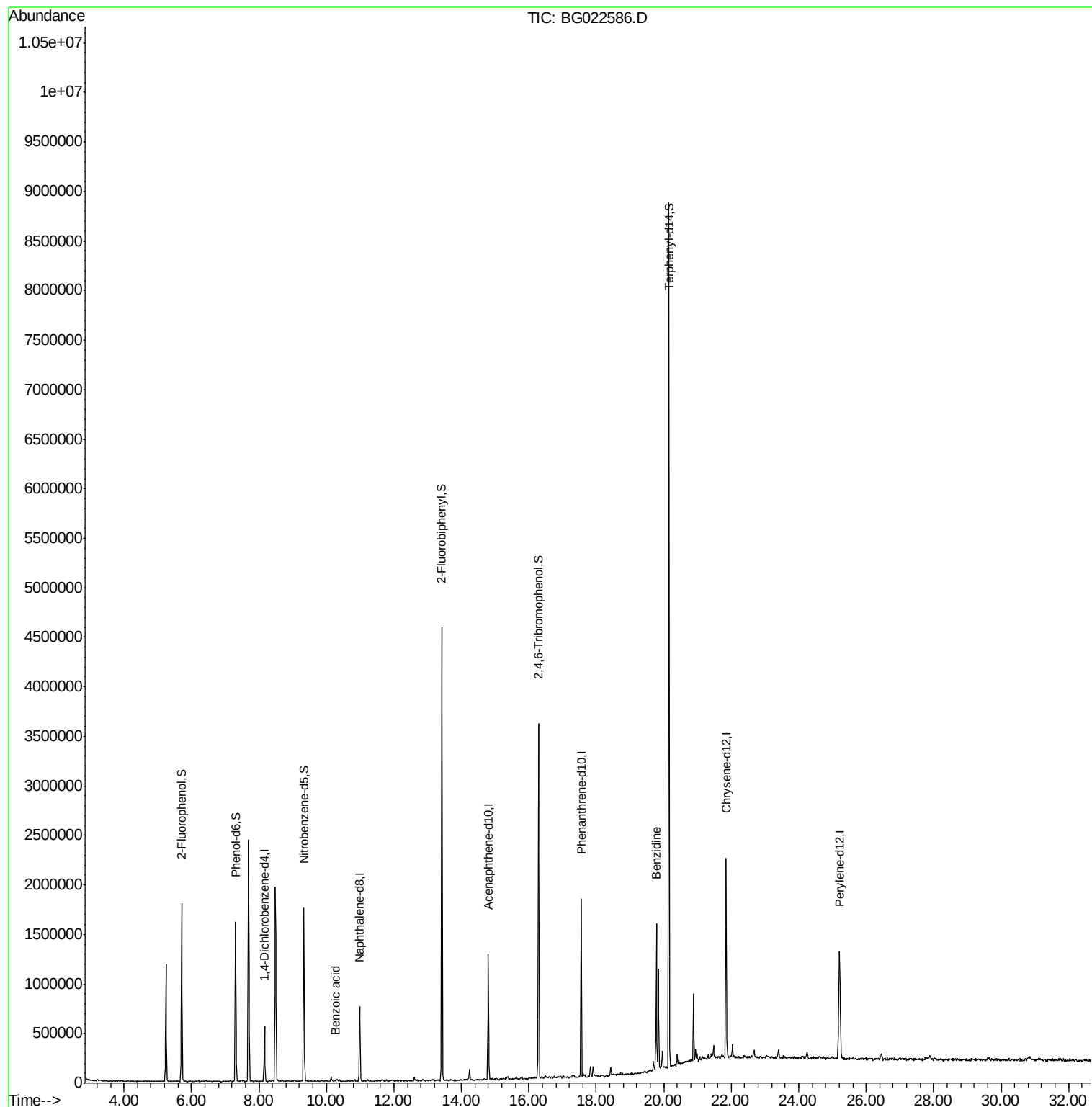
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	138764	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	586057	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	422608	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1081391	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1246240	20.00	ng	0.00
86) Perylene-d12	25.21	264	1290629	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	717208	82.90	ng	0.00
7) Phenol-d6	7.31	99	884354	72.52	ng	0.00
23) Nitrobenzene-d5	9.33	82	1115351	80.55	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	666921	100.33	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2146886	80.56	ng	0.00
78) Terphenyl-d14	20.16	244	3077677	65.43	ng	0.00
Target Compounds						
32) Benzoic acid	10.25	122	1099	5.26	ng	Qvalue # 5
76) Benzidine	19.78	184	851952	64.21	ng	98

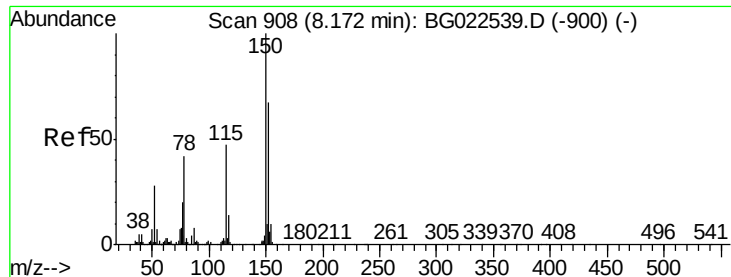
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022586.D

Acq: 25 Jun 2016 22:46

Instrument :

BNA_G

ClientSampleId :

W-16

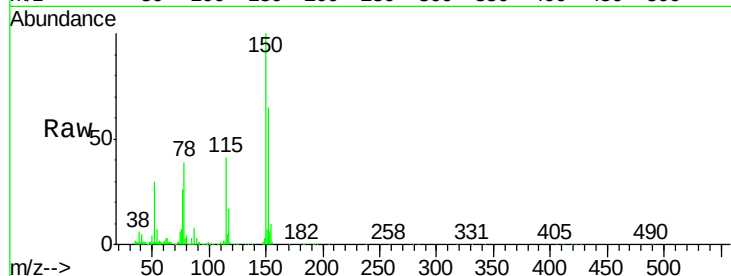
Tgt Ion:152 Resp: 138764

Ion Ratio Lower Upper

152 100

150 153.2 144.7 217.1

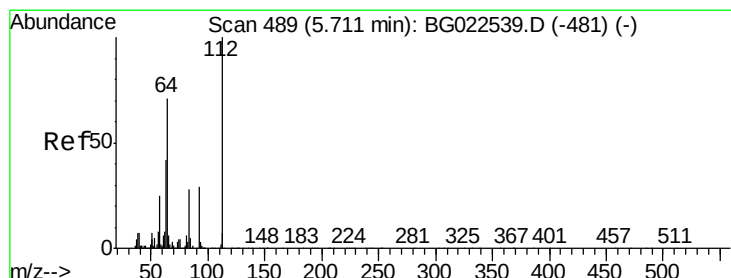
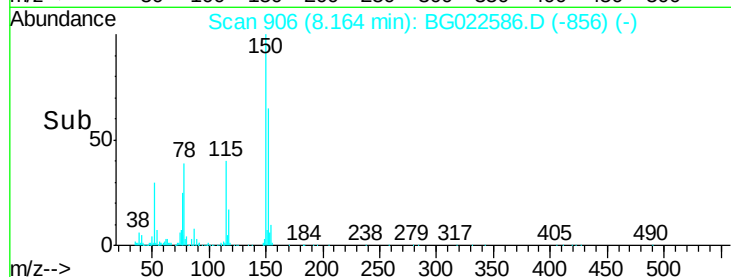
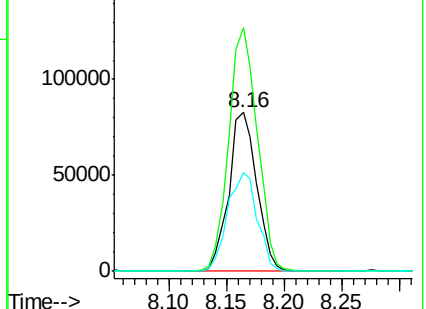
115 62.1 64.0 96.0#



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: 82.90 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022586.D

Acq: 25 Jun 2016 22:46

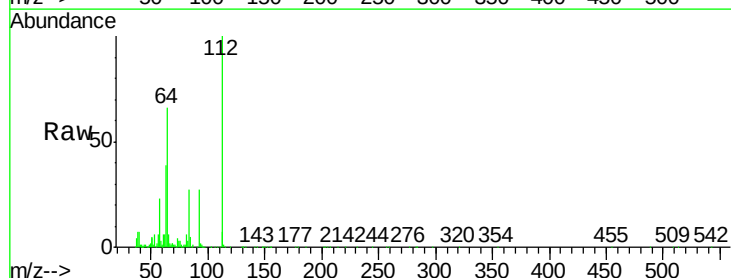
Tgt Ion:112 Resp: 717208

Ion Ratio Lower Upper

112 100

64 66.5 59.0 88.4

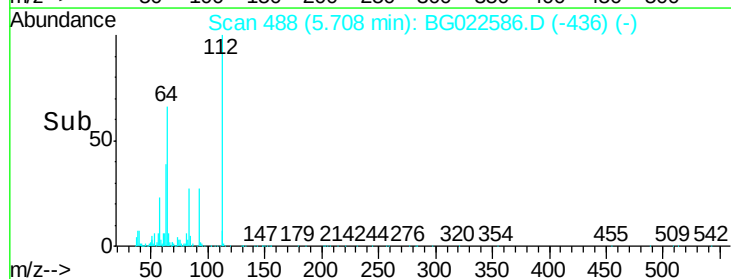
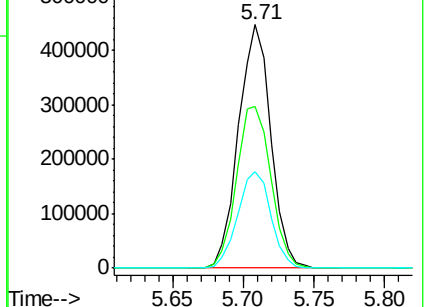
63 39.5 37.8 56.8

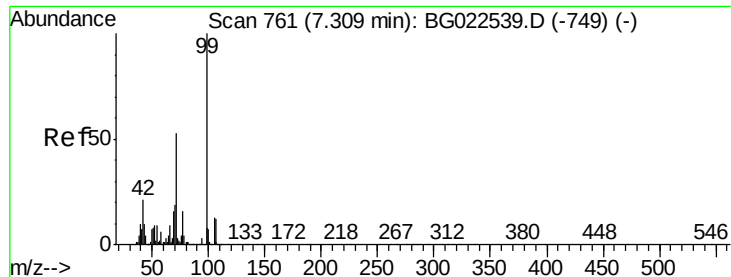


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 72.52 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022586.D

Acq: 25 Jun 2016 22:46

Instrument :

BNA_G

ClientSampleId :

W-16

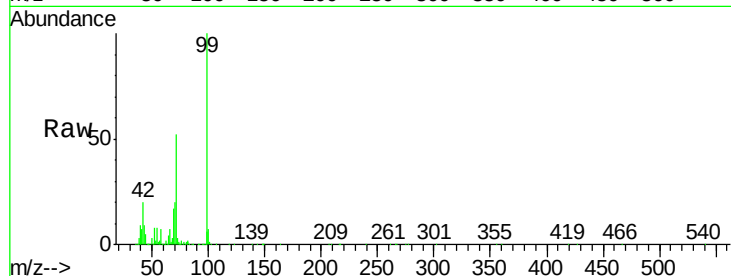
Tgt Ion: 99 Resp: 884354

Ion Ratio Lower Upper

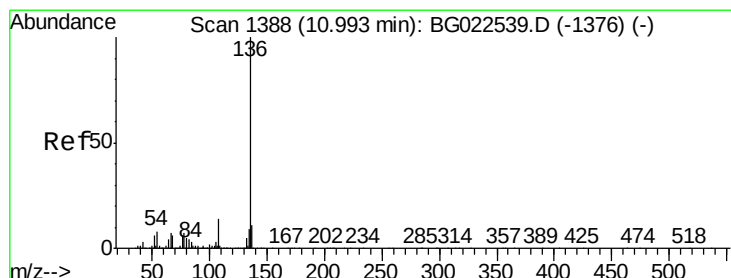
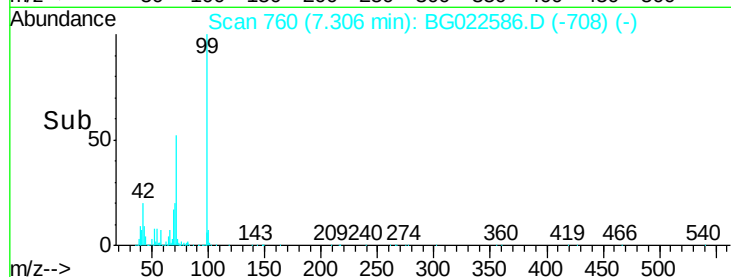
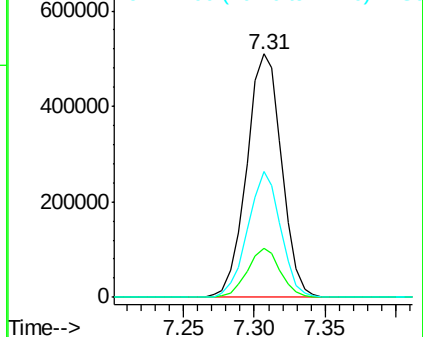
99 100

42 20.2 17.8 26.6

71 51.6 41.5 62.3



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: 10.99 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BG022586.D

Acq: 25 Jun 2016 22:46

Tgt Ion: 136 Resp: 586057

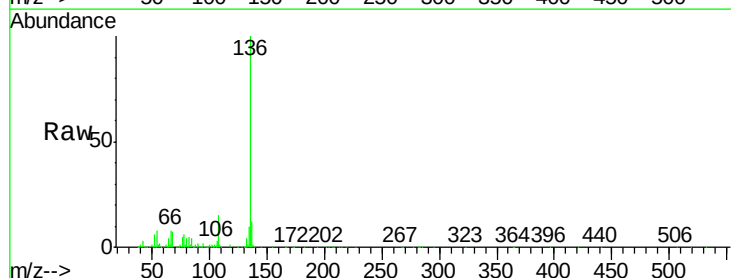
Ion Ratio Lower Upper

136 100

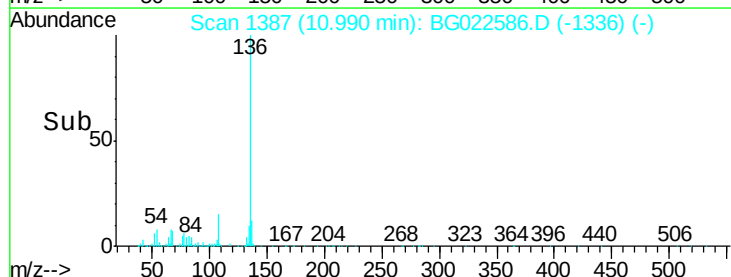
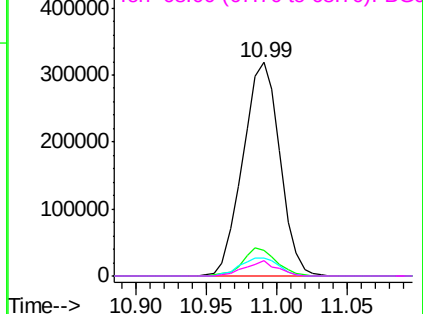
137 12.2 9.6 14.4

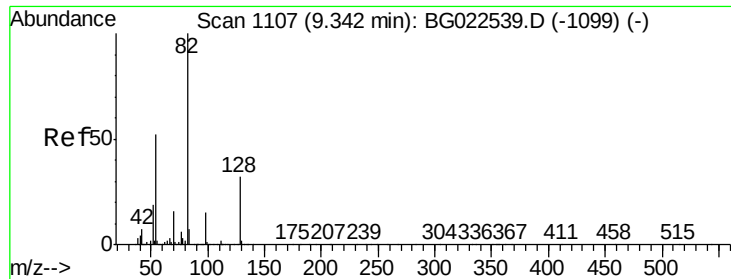
54 8.2 7.3 10.9

68 7.0 5.3 7.9



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

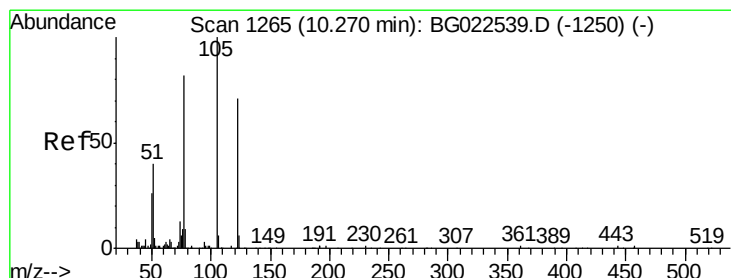
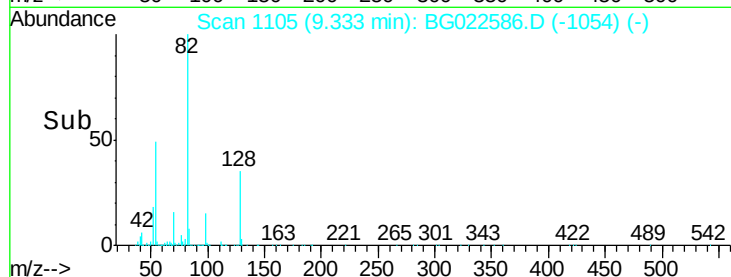
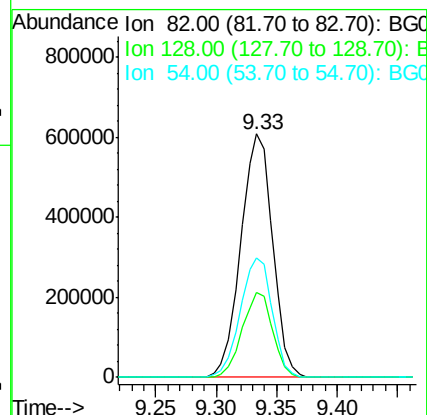
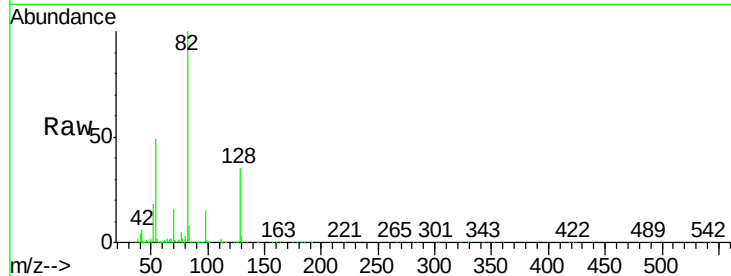




#23
Nitrobenzene-d5
Concen: 80.55 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG022586.D
Acq: 25 Jun 2016 22:46

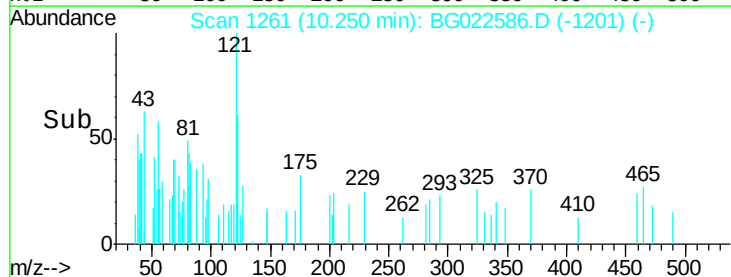
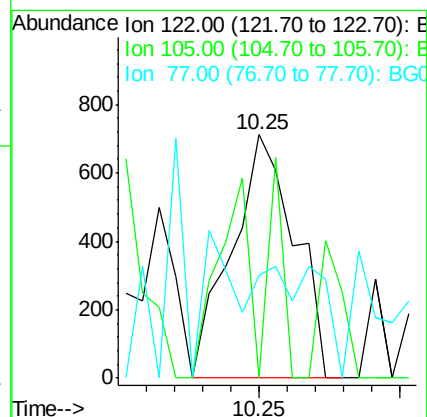
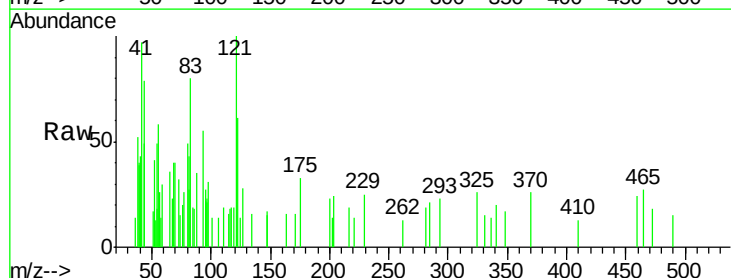
Instrument :
BNA_G
ClientSampleId :
W-16

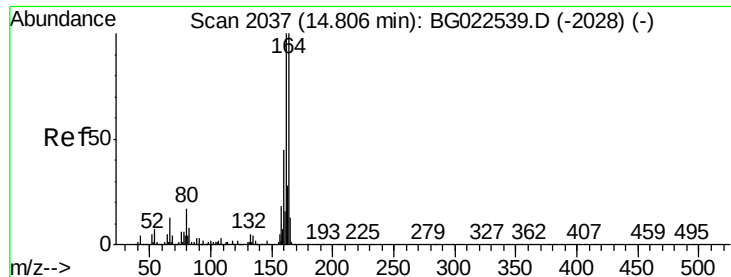
Tgt Ion: 82 Resp: 1115351
Ion Ratio Lower Upper
82 100
128 35.1 24.4 36.6
54 48.8 41.4 62.0



#32
Benzoic acid
Concen: 5.26 ng
RT: 10.25 min Scan# 1261
Delta R.T. 0.05 min
Lab File: BG022586.D
Acq: 25 Jun 2016 22:46

Tgt Ion: 122 Resp: 1099
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 42.1 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022586.D

Acq: 25 Jun 2016 22:46

Instrument :

BNA_G

ClientSampleId :

W-16

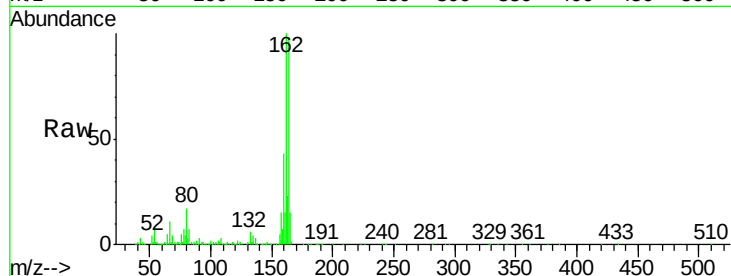
Tgt Ion:164 Resp: 422608

Ion Ratio Lower Upper

164 100

162 102.2 87.7 131.5

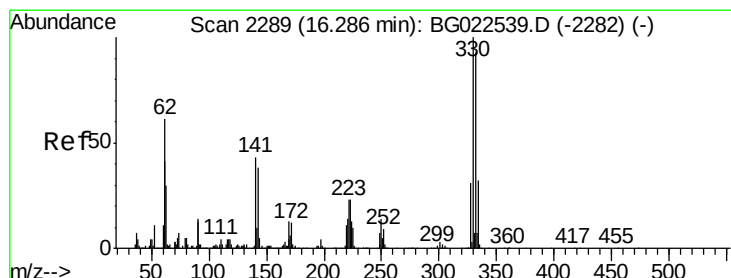
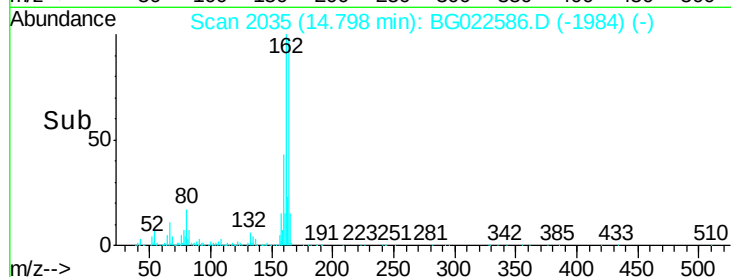
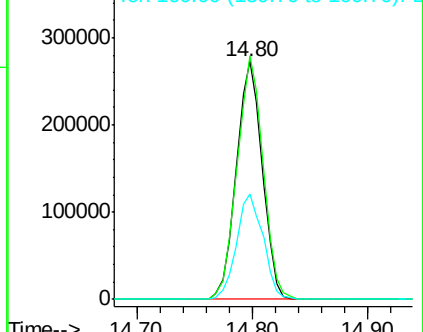
160 44.2 37.2 55.8



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: 100.33 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022586.D

Acq: 25 Jun 2016 22:46

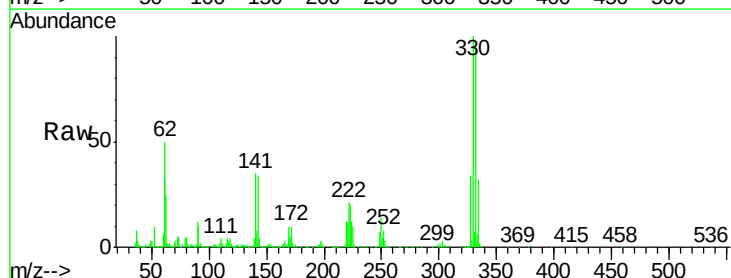
Tgt Ion:330 Resp: 666921

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

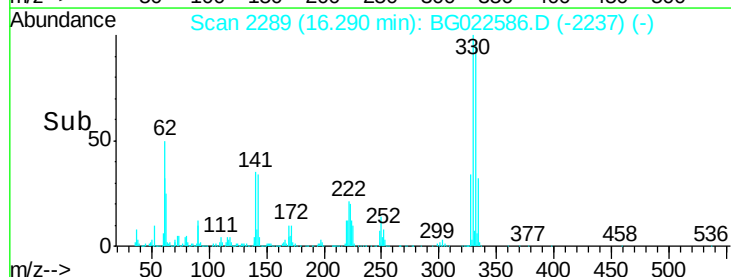
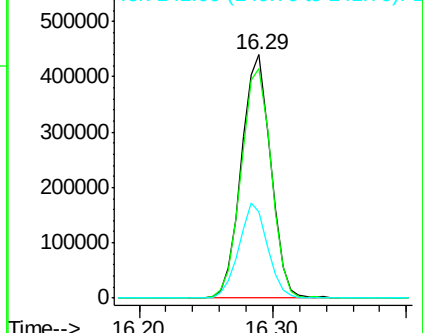
141 38.3 31.7 47.5

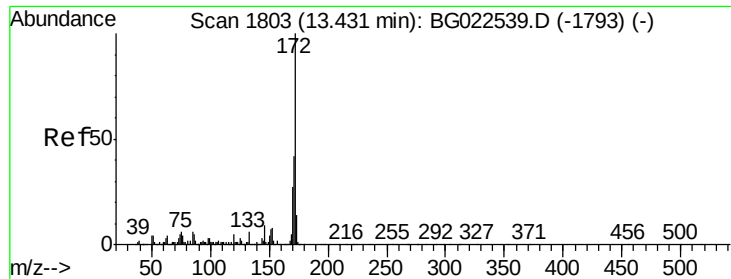


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

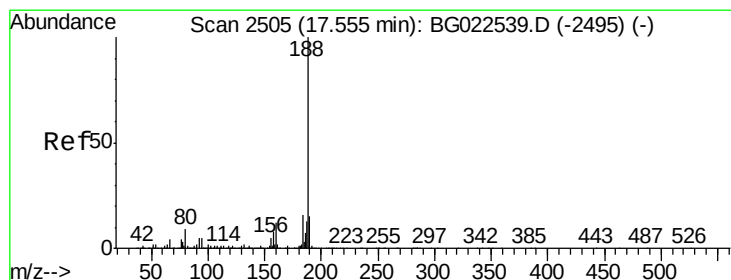
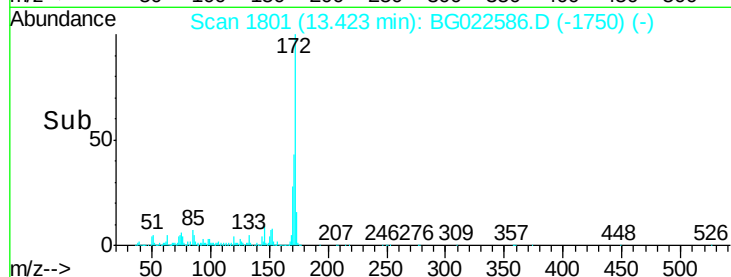
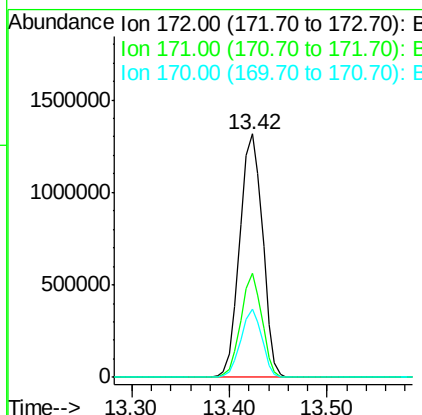
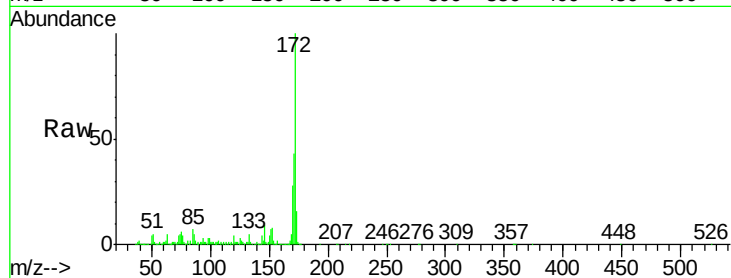




#44
2-Fluorobiphenyl
Concen: 80.56 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022586.D
Acq: 25 Jun 2016 22:46

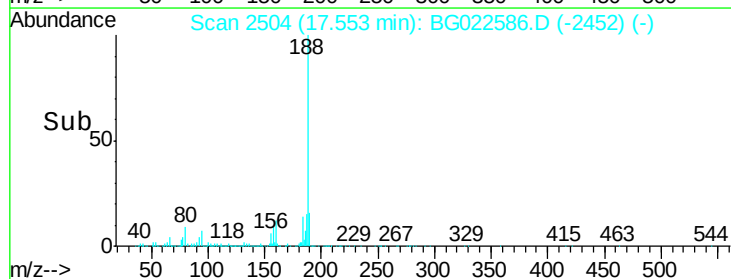
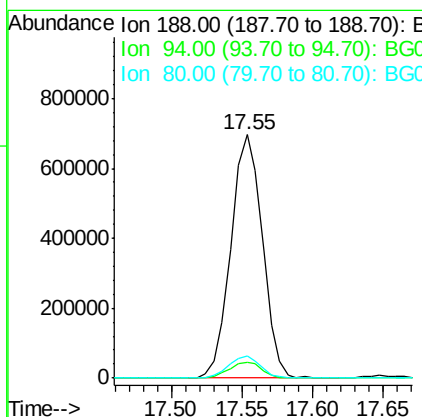
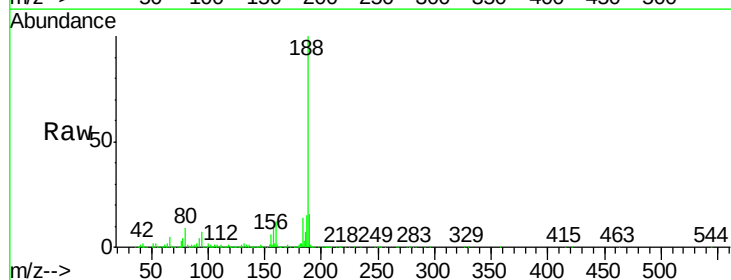
Instrument :
BNA_G
ClientSampleId :
W-16

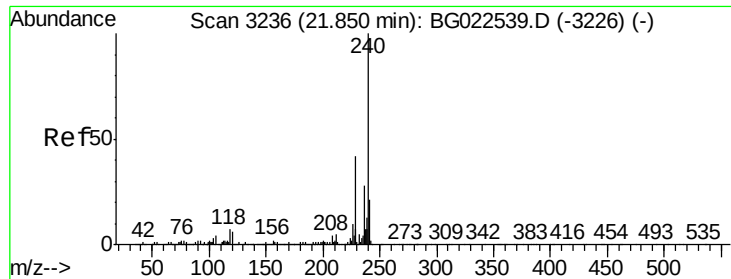
Tgt Ion:172 Resp: 2146886
Ion Ratio Lower Upper
172 100
171 42.7 31.6 47.4
170 27.9 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022586.D
Acq: 25 Jun 2016 22:46

Tgt Ion:188 Resp: 1081391
Ion Ratio Lower Upper
188 100
94 6.7 5.2 7.8
80 8.9 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG022586.D

Acq: 25 Jun 2016 22:46

Instrument :

BNA_G

ClientSampled :

W-16

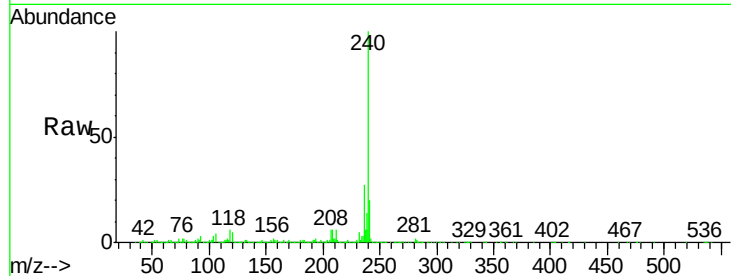
Tgt Ion:240 Resp: 1246240

Ion Ratio Lower Upper

240 100

120 4.9 4.1 6.1

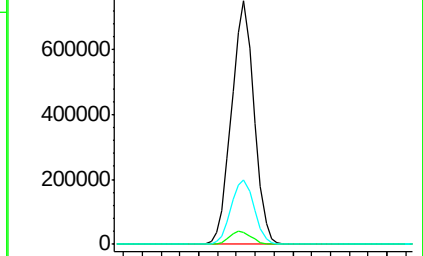
236 26.7 21.1 31.7



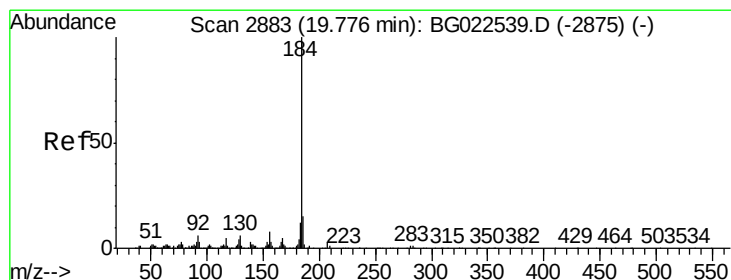
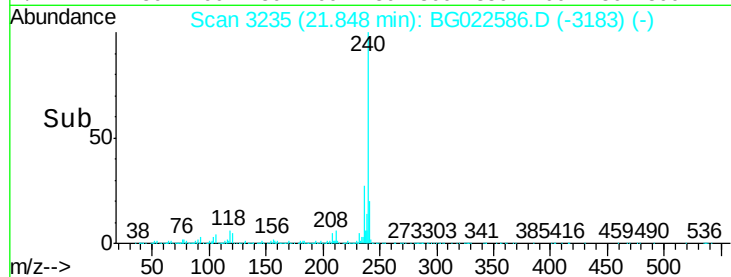
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 64.21 ng

RT: 19.78 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG022586.D

Acq: 25 Jun 2016 22:46

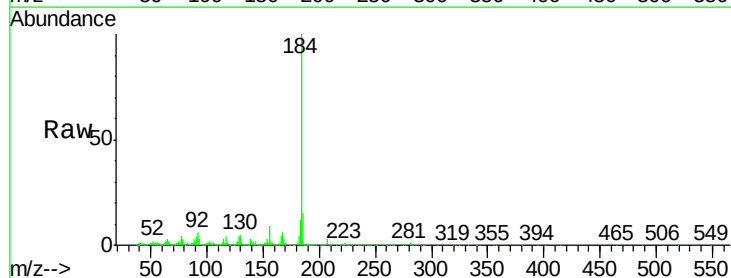
Tgt Ion:184 Resp: 851952

Ion Ratio Lower Upper

184 100

185 15.4 12.6 19.0

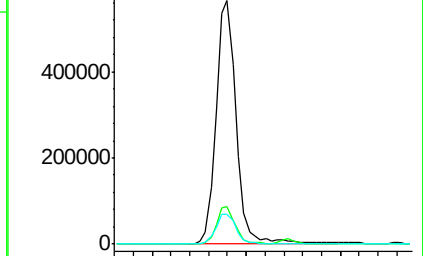
183 12.3 10.7 16.1



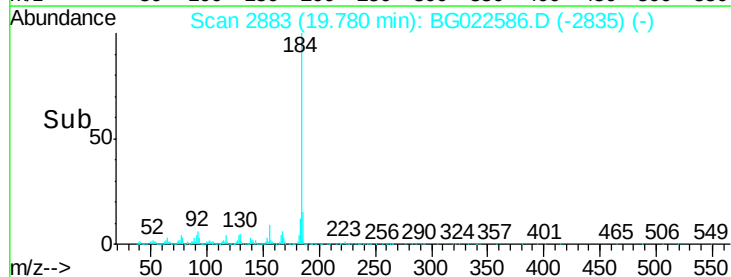
Abundance Ion 184.00 (183.70 to 184.70): E

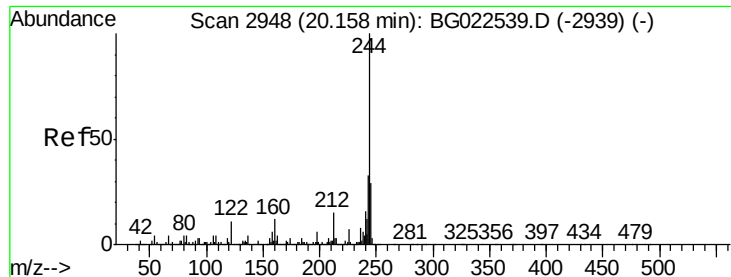
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#78

Terphenyl-d14

Concen: 65.43 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022586.D

Acq: 25 Jun 2016 22:46

Instrument :

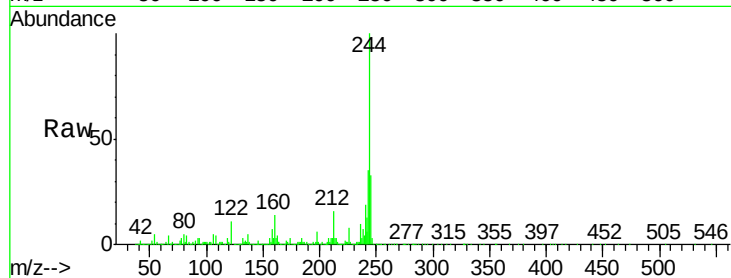
BNA_G

ClientSampleId :

W-16

Tgt Ion:244 Resp: 3077677

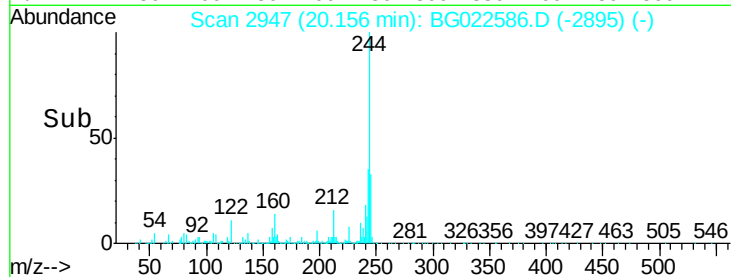
Ion	Ratio	Lower	Upper
244	100		
212	15.7	10.8	16.2
122	11.4	8.0	12.0



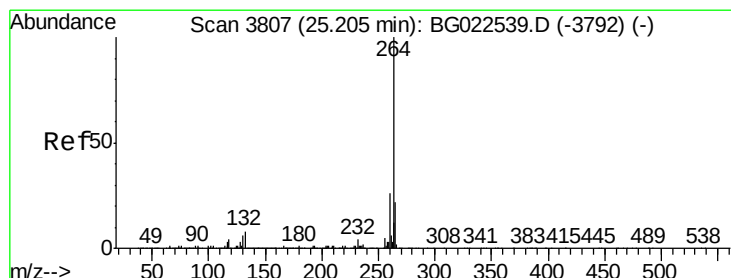
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

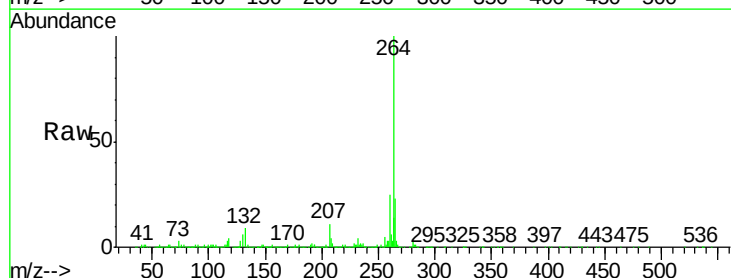
Delta R.T. 0.00 min

Lab File: BG022586.D

Acq: 25 Jun 2016 22:46

Tgt Ion:264 Resp: 1290629

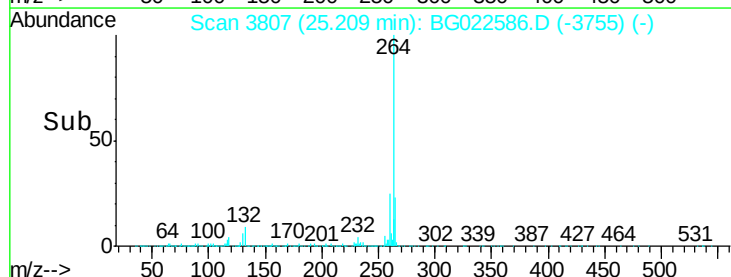
Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.4	27.6
265	23.4	18.9	28.3



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



Time-->