

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086765.D
 Acq On : 7 May 2016 10:56
 Operator : UM/SJ
 Sample : H2831-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: May 07 23:31:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

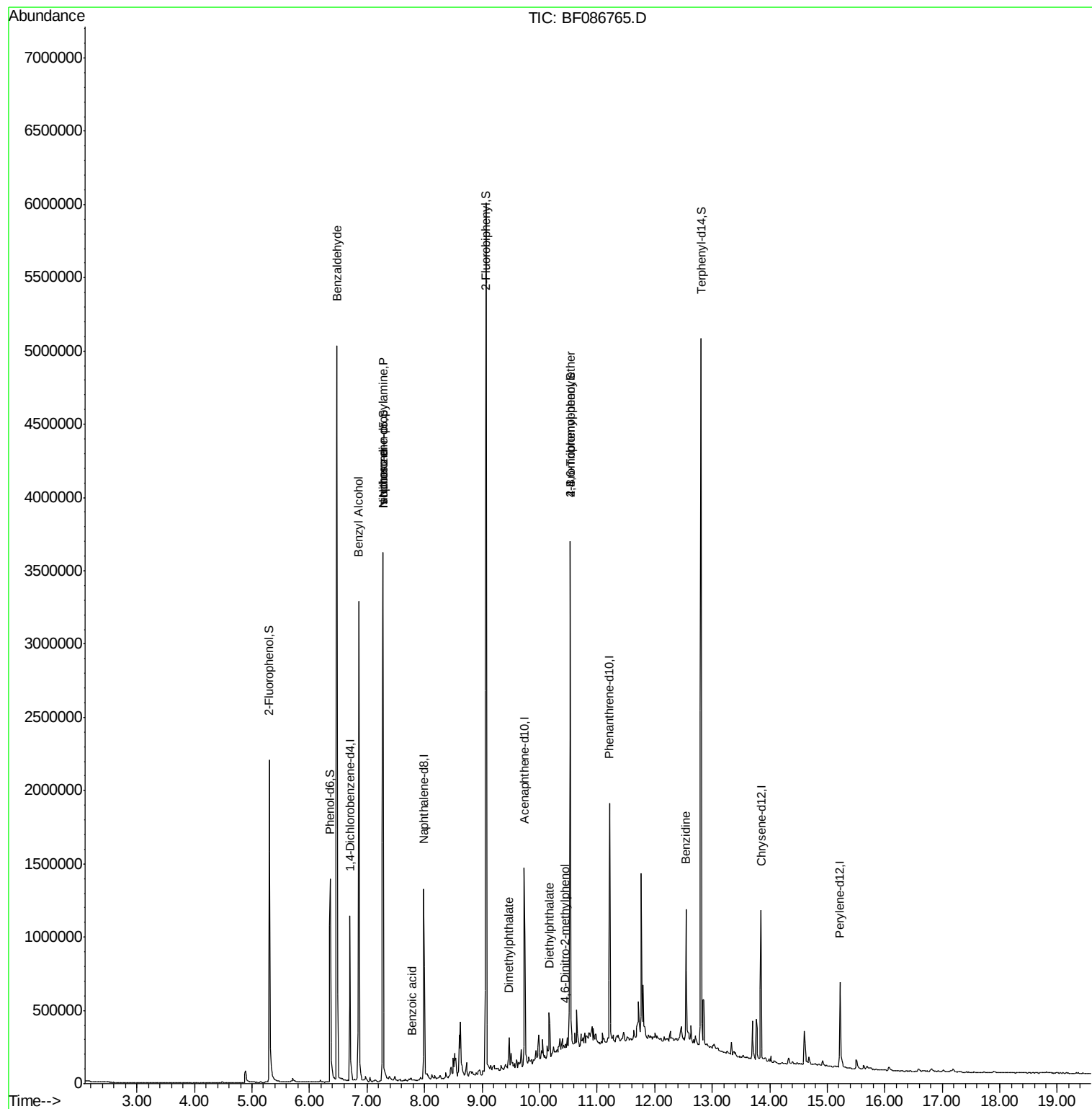
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	188571	40.00	ng	-0.03
21) Naphthalene-d8	7.98	136	728565	40.00	ng	-0.05
38) Acenaphthene-d10	9.73	164	334580	40.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	565011	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	401304	40.00	ng	-0.03
86) Perylene-d12	15.22	264	314230	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	767733	67.40	ng	-0.02
7) Phenol-d6	6.36	99	678491	44.22	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1297282	91.50	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	507947	155.19	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	2033357	99.62	ng	-0.03
78) Terphenyl-d14	12.81	244	1582693	79.71	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.48	77	34994	4.57	ng	# 74
15) Benzyl Alcohol	6.85	79	24209	2.44	ng	# 43
19) n-Nitroso-di-n-propylamine	7.28	70	188005	17.93	ng	# 71
25) Isophorone	7.28	82	1259265	47.69	ng	# 68
32) Benzoic acid	7.78	122	427	8.49	ng	# 19
49) Dimethylphthalate	9.47	163	83451	3.35	ng	100
59) Diethylphthalate	10.17	149	73903	3.13	ng	96
64) 4,6-Dinitro-2-methylphenol	10.44	198	229	5.30	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	32135	5.72	ng	# 1
76) Benzidine	12.54	184	861	7.16	ng	# 1

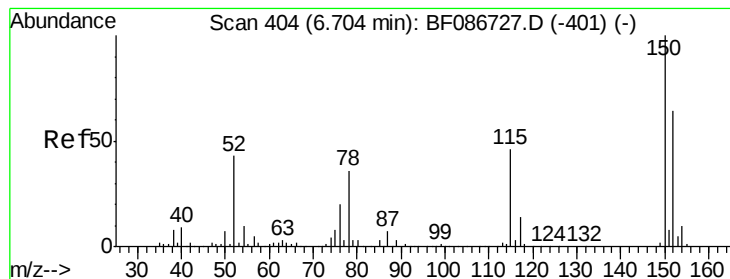
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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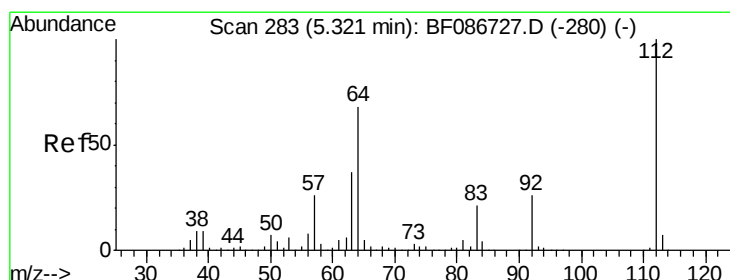
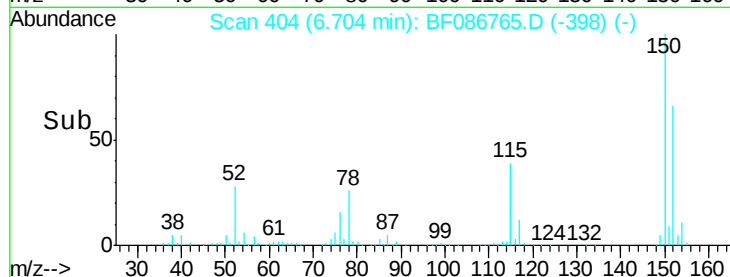
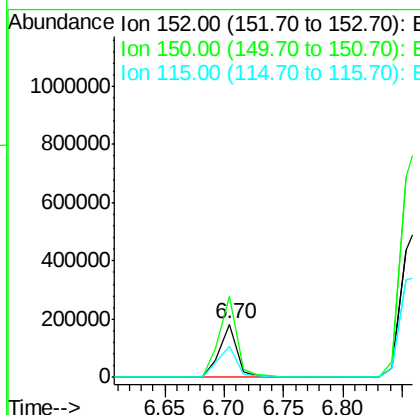
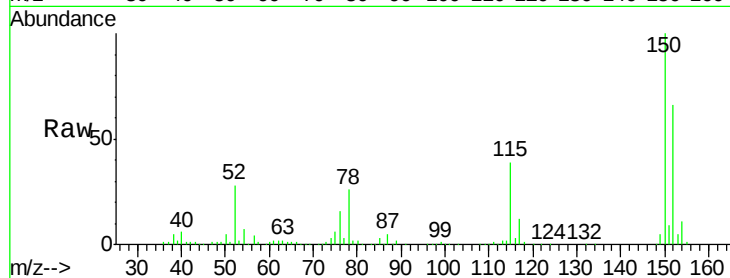




#1
 1,4-Dichlorobenzene-d4
 Concen: 40.00 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.03 min
 Lab File: BF086765.D
 Acq: 7 May 2016 10:56

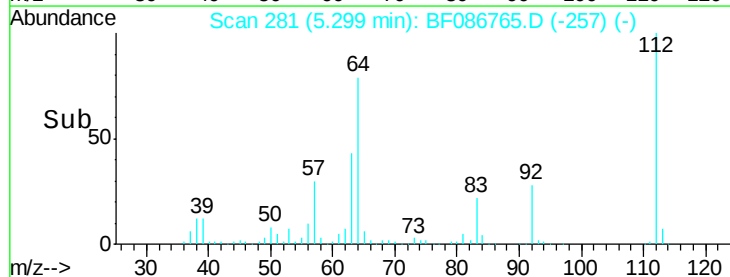
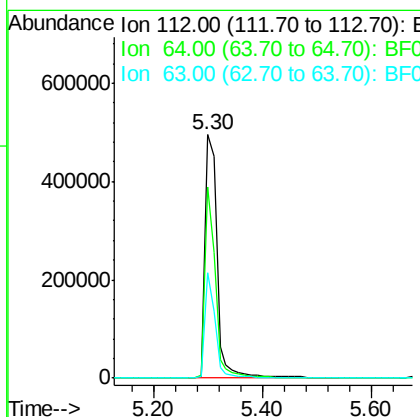
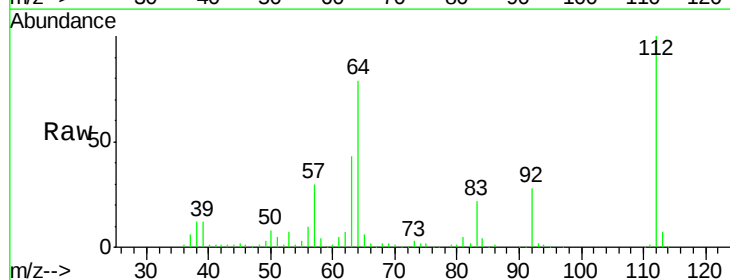
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

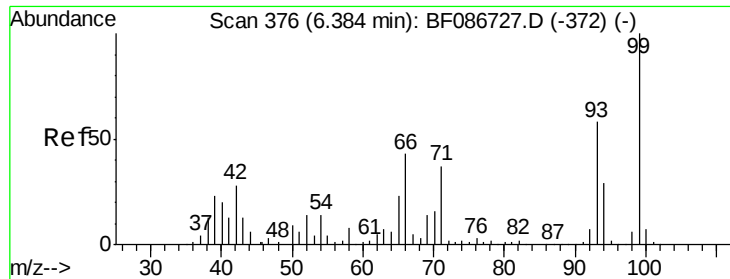
Tgt Ion:152 Resp: 188571
 Ion Ratio Lower Upper
 152 100
 150 151.7 125.8 188.6
 115 59.6 51.5 77.3



#5
 2-Fluorophenol
 Concen: 67.40 ng
 RT: 5.30 min Scan# 281
 Delta R.T. -0.02 min
 Lab File: BF086765.D
 Acq: 7 May 2016 10:56

Tgt Ion:112 Resp: 767733
 Ion Ratio Lower Upper
 112 100
 64 78.7 52.1 78.1#
 63 43.5 25.7 38.5#





#7

Phenol-d6

Concen: 44.22 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086765.D

Acq: 7 May 2016 10:56

Instrument :

BNA_F

ClientSampleId :

MW-2

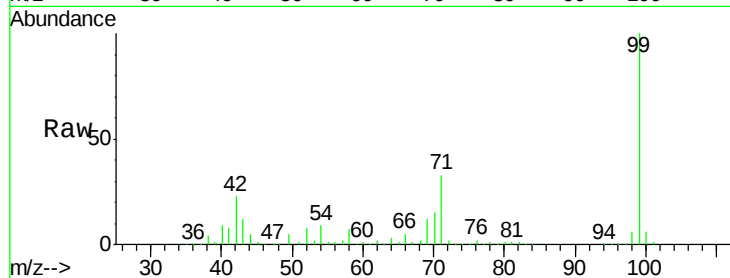
Tgt Ion: 99 Resp: 678491

Ion Ratio Lower Upper

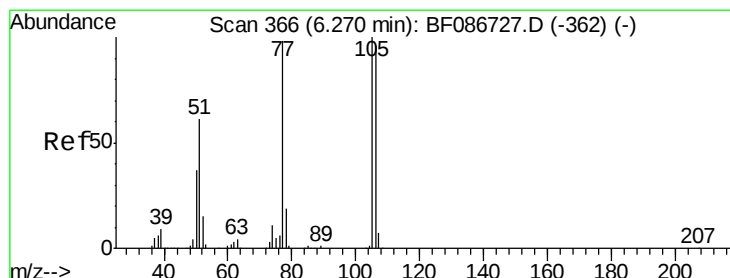
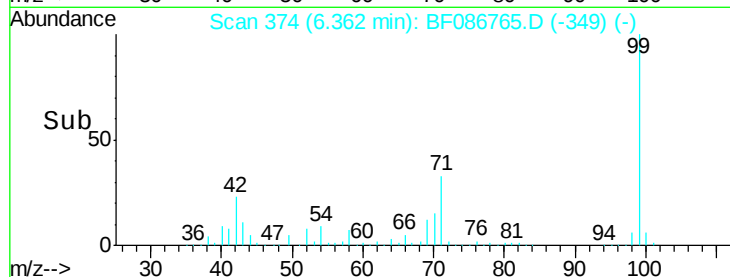
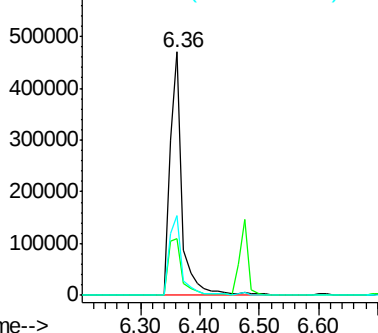
99 100

42 23.4 13.6 20.4#

71 32.7 24.6 36.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 4.57 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.19 min

Lab File: BF086765.D

Acq: 7 May 2016 10:56

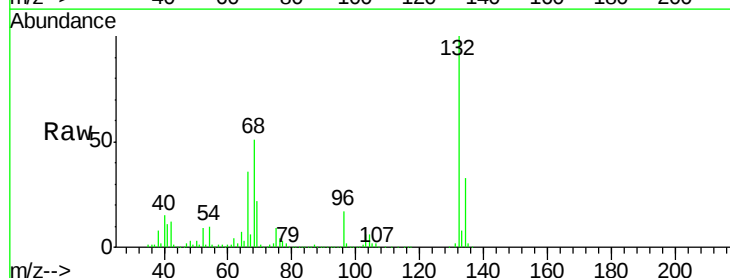
Tgt Ion: 77 Resp: 34994

Ion Ratio Lower Upper

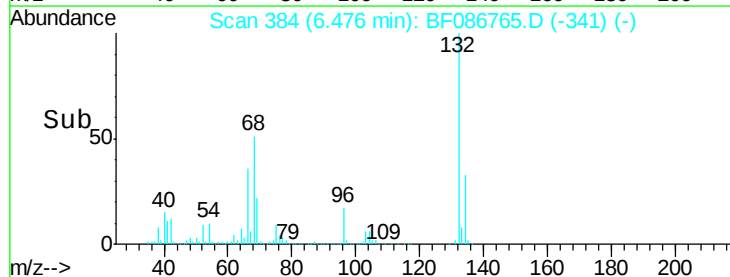
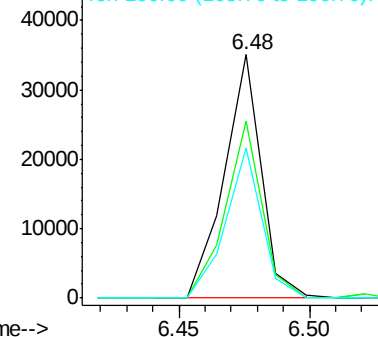
77 100

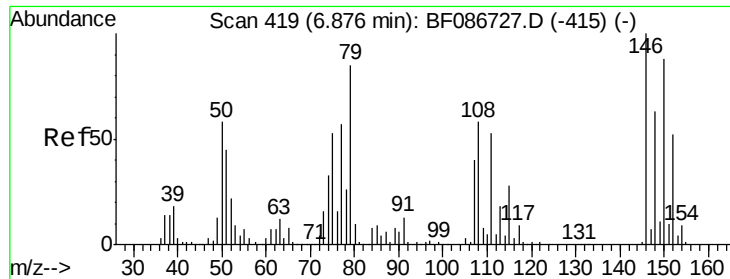
105 72.8 72.7 112.7

106 61.5 70.8 110.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.44 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF086765.D

Acq: 7 May 2016 10:56

Instrument :

BNA_F

ClientSampled :

MW-2

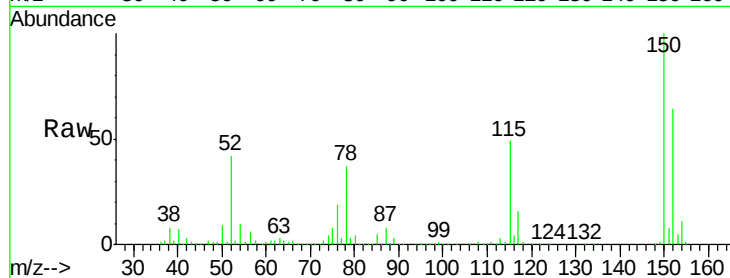
Tgt Ion: 79 Resp: 24209

Ion Ratio Lower Upper

79 100

108 27.7 68.4 102.6#

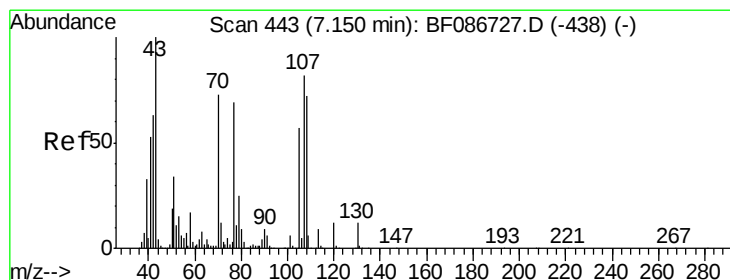
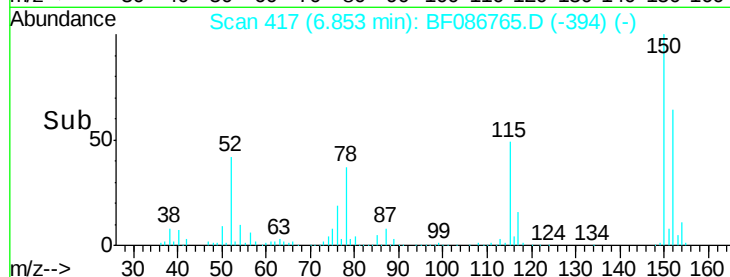
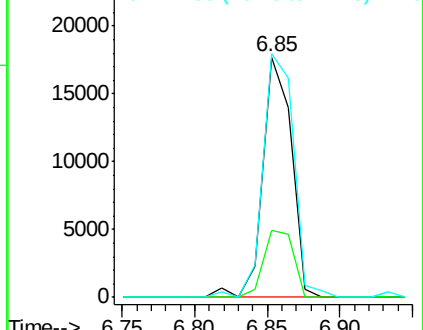
77 101.4 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 17.93 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.11 min

Lab File: BF086765.D

Acq: 7 May 2016 10:56

Tgt Ion: 70 Resp: 188005

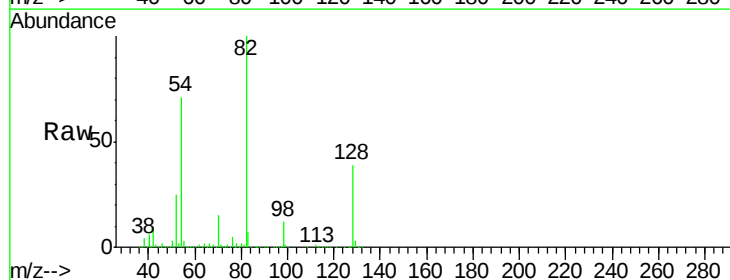
Ion Ratio Lower Upper

70 100

42 70.0 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

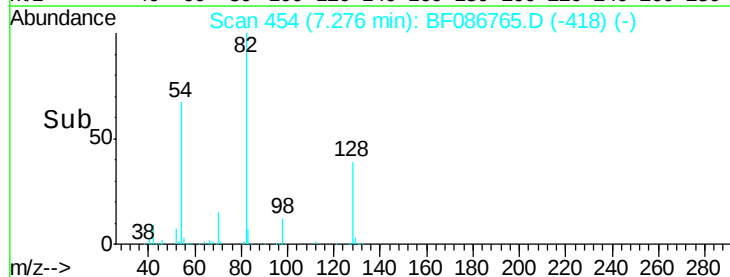
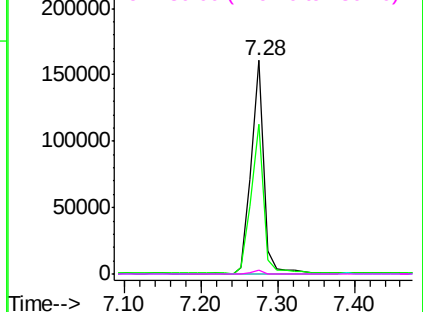


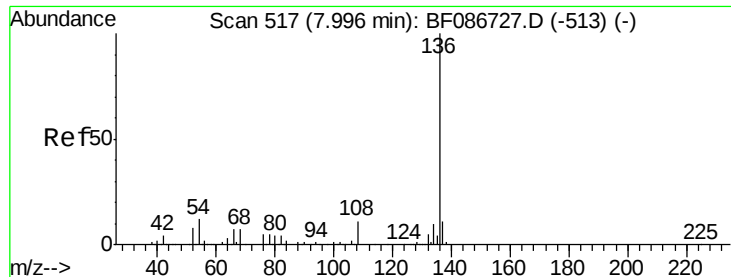
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.05 min

Lab File: BF086765.D

Acq: 7 May 2016 10:56

Instrument :

BNA_F

ClientSampleId :

MW-2

Tgt Ion:136 Resp: 728565

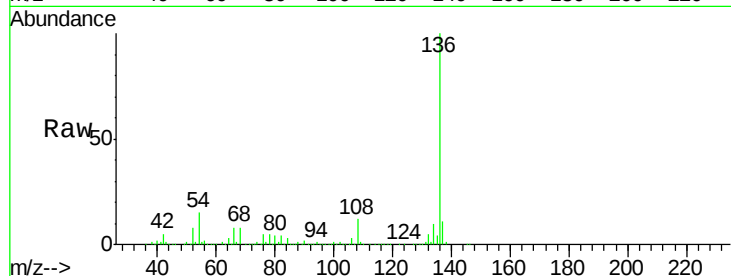
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 14.9 5.0 7.4#

68 7.8 4.4 6.6#

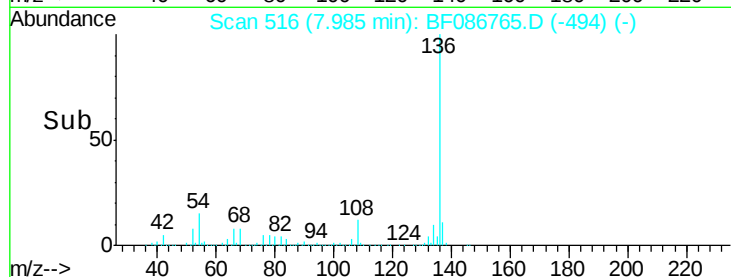


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

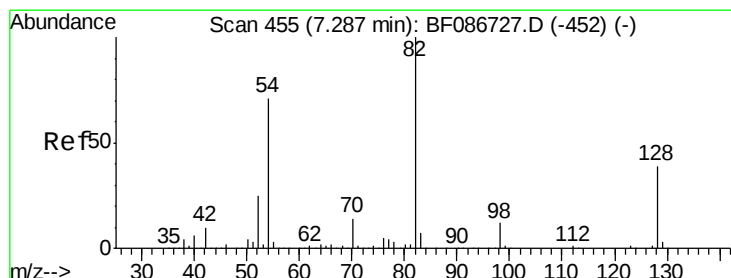
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

7.98



#23

Nitrobenzene-d5

Concen: 91.50 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF086765.D

Acq: 7 May 2016 10:56

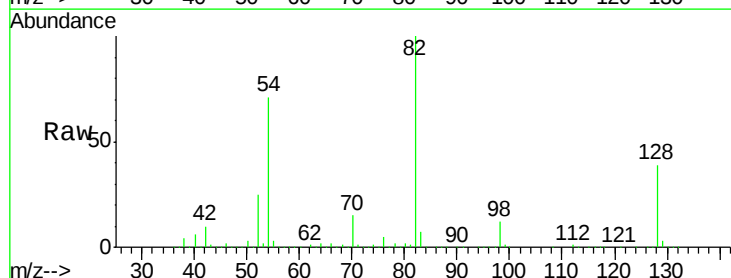
Tgt Ion: 82 Resp: 1297282

Ion Ratio Lower Upper

82 100

128 39.0 40.6 61.0#

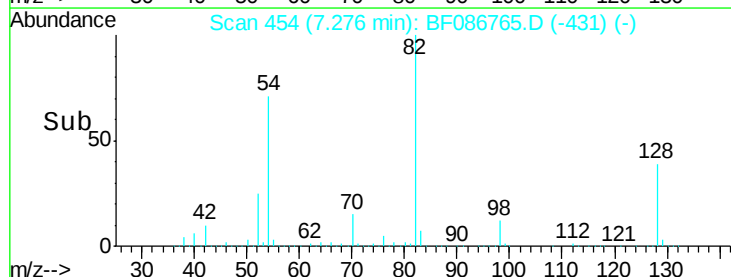
54 71.5 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

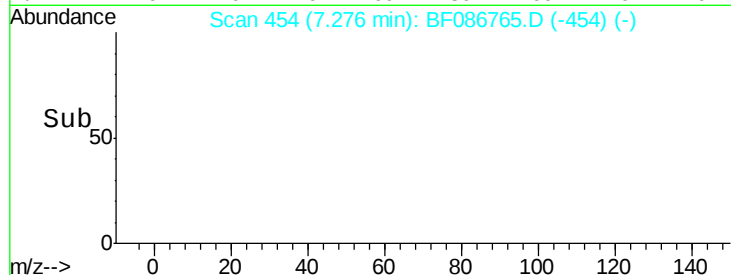
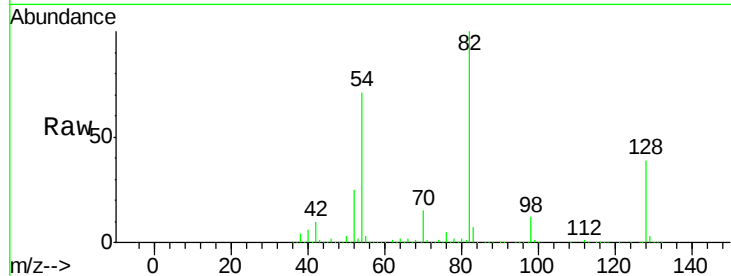
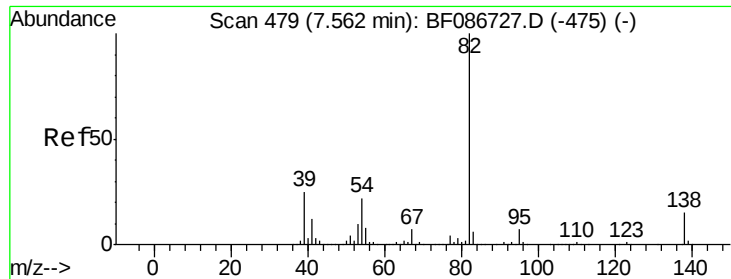
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

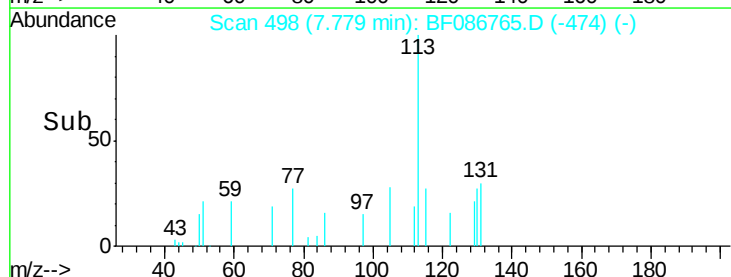
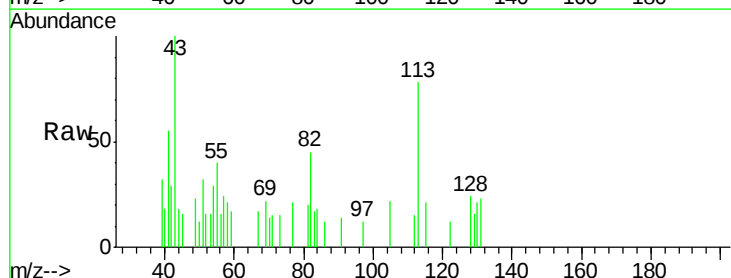
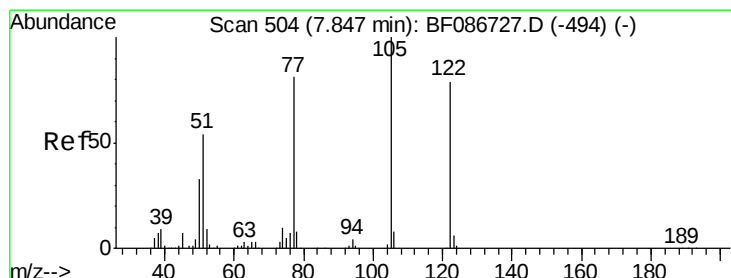
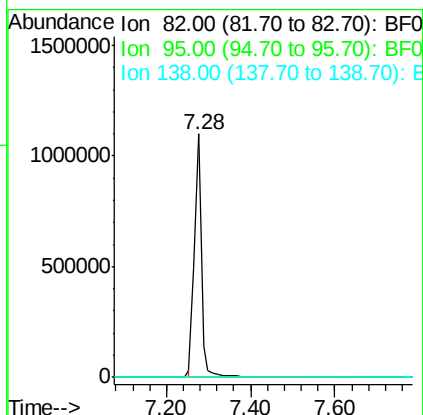
7.28



#25
Isophorone
Concen: 47.69 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.30 min
Lab File: BF086765.D
Acq: 7 May 2016 10:56

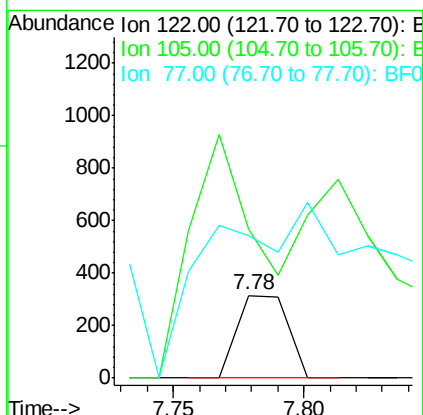
Instrument :
BNA_F
ClientSampled :
MW-2

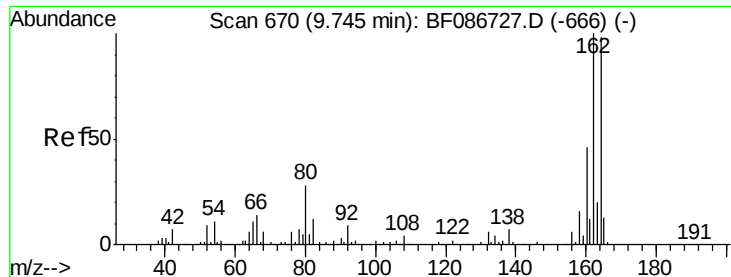
Tgt Ion: 82 Resp: 1259265
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.4 18.6#



#32
Benzoic acid
Concen: 8.49 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF086765.D
Acq: 7 May 2016 10:56

Tgt Ion: 122 Resp: 427
Ion Ratio Lower Upper
122 100
105 180.6 92.6 132.6#
77 172.9 60.0 100.0#





#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF086765.D

Acq: 7 May 2016 10:56

Instrument :

BNA_F

ClientSampleId :

MW-2

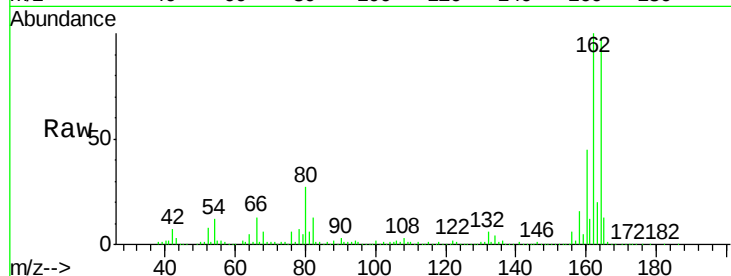
Tgt Ion:164 Resp: 334580

Ion Ratio Lower Upper

164 100

162 102.9 82.8 124.2

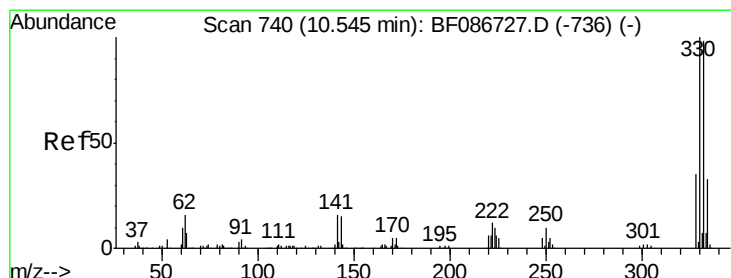
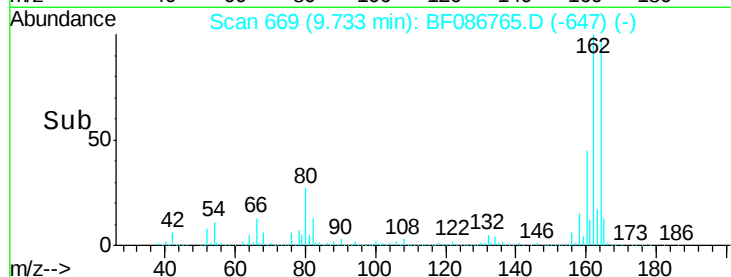
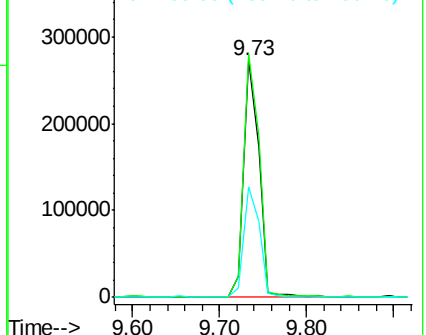
160 46.7 36.9 55.3



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: 155.19 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.03 min

Lab File: BF086765.D

Acq: 7 May 2016 10:56

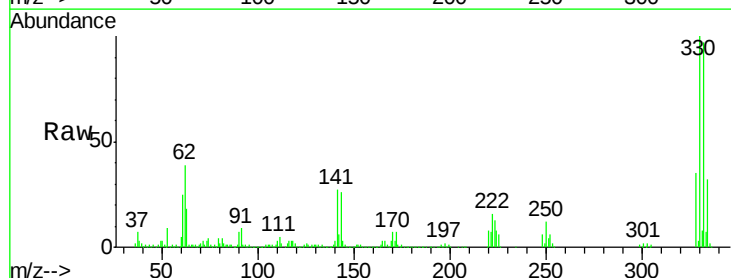
Tgt Ion:330 Resp: 507947

Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

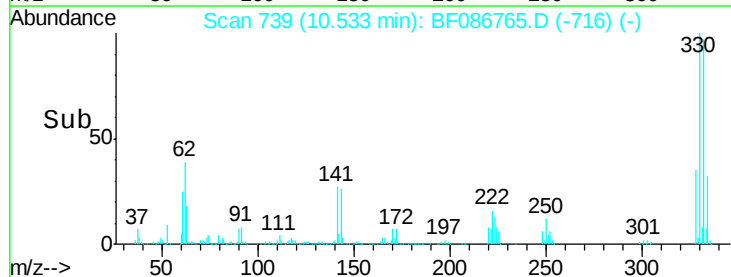
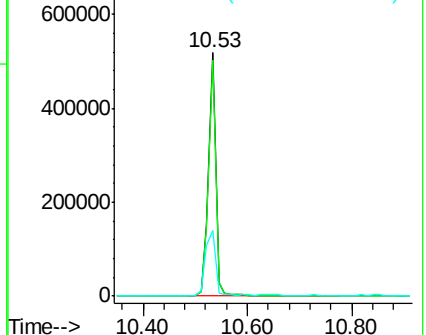
141 36.5 31.2 46.8

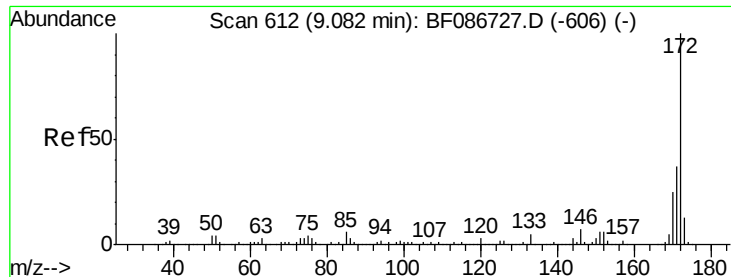


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

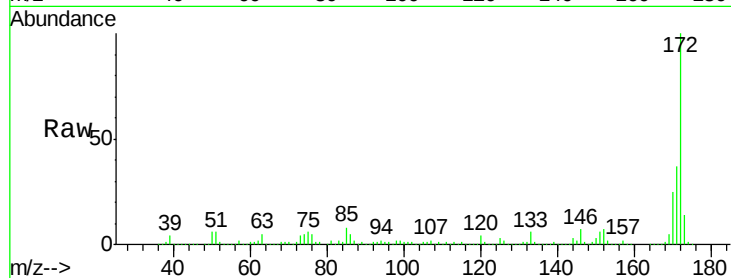




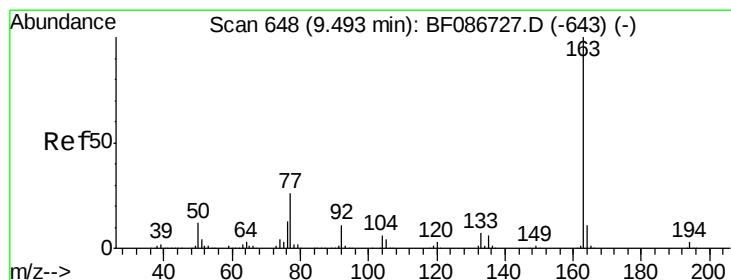
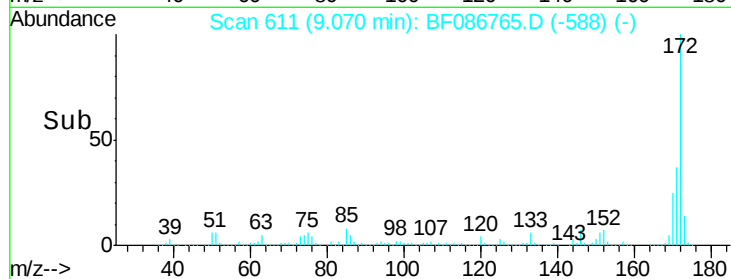
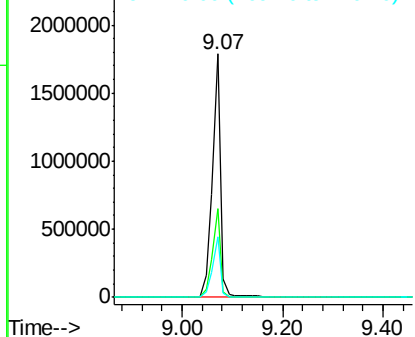
#44
2-Fluorobiphenyl
Concen: 99.62 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF086765.D
Acq: 7 May 2016 10:56

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:172 Resp: 2033357
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.6
170 25.0 19.8 29.8

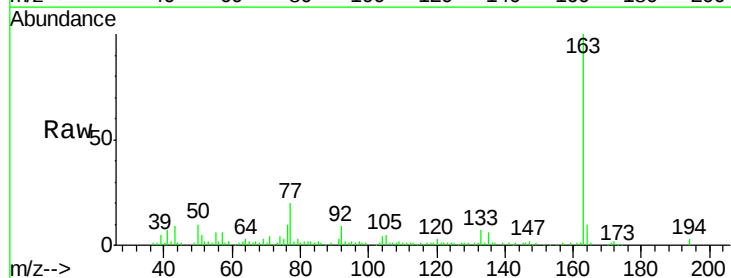


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

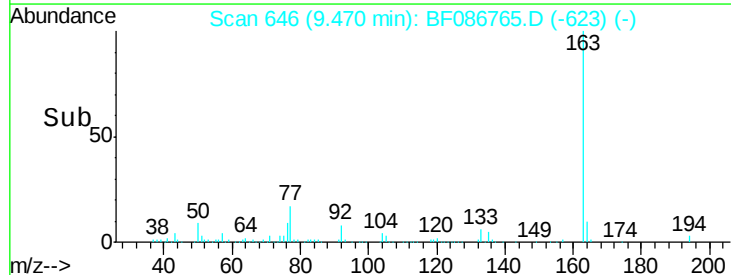
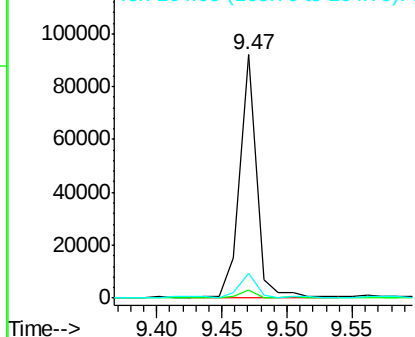


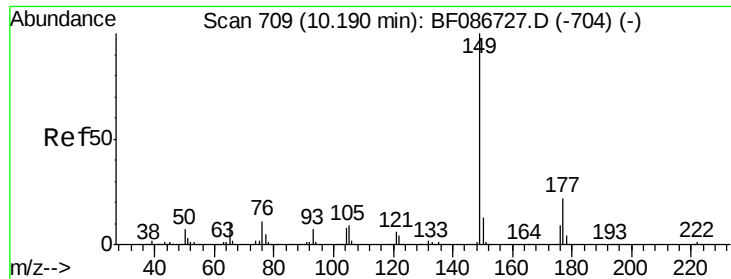
#49
Dimethylphthalate
Concen: 3.35 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF086765.D
Acq: 7 May 2016 10:56

Tgt Ion:163 Resp: 83451
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

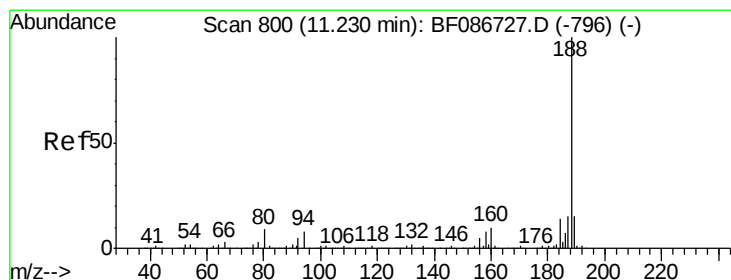
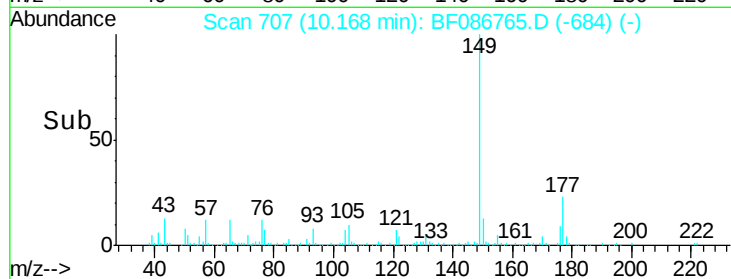
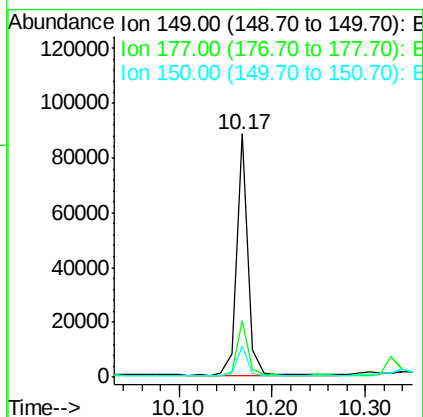
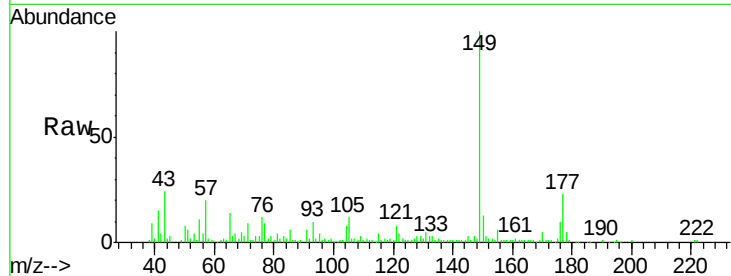




#59
Diethylphthalate
Concen: 3.13 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.03 min
Lab File: BF086765.D
Acq: 7 May 2016 10:56

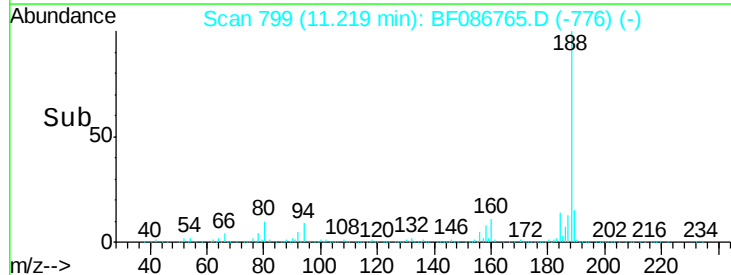
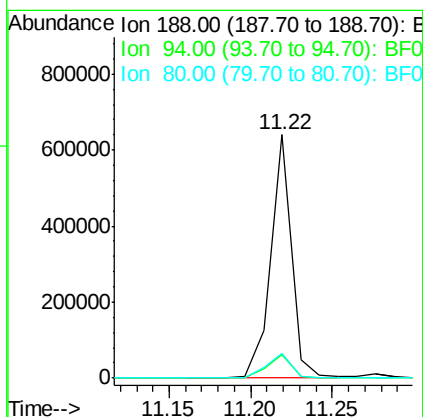
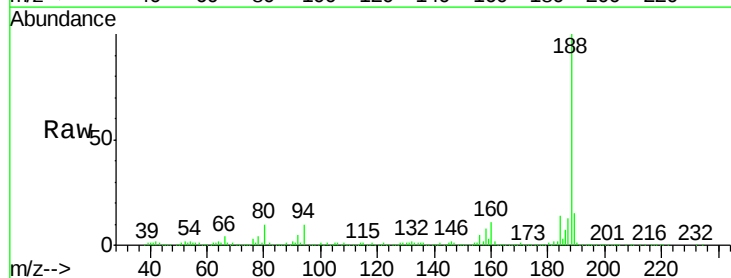
Instrument :
BNA_F
ClientSampleId :
MW-2

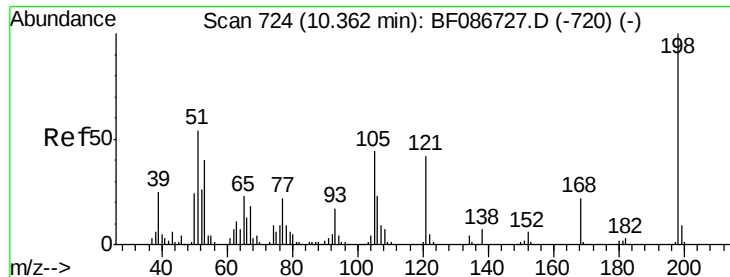
Tgt Ion:149 Resp: 73903
Ion Ratio Lower Upper
149 100
177 23.1 16.6 24.8
150 13.0 10.0 15.0



#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086765.D
Acq: 7 May 2016 10:56

Tgt Ion:188 Resp: 565011
Ion Ratio Lower Upper
188 100
94 9.7 6.8 10.2
80 10.4 7.1 10.7





#64

4,6-Dinitro-2-methylphenol

Concen: 5.30 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.07 min

Lab File: BF086765.D

Acq: 7 May 2016 10:56

Instrument :

BNA_F

ClientSampleId :

MW-2

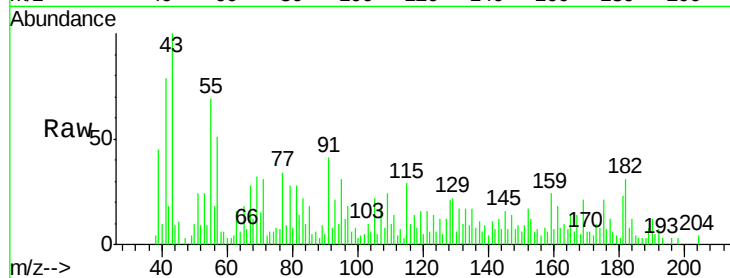
Tgt Ion:198 Resp: 229

Ion Ratio Lower Upper

198 100

51 860.5 20.5 60.5#

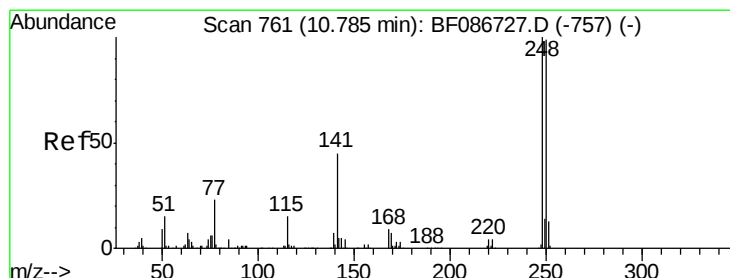
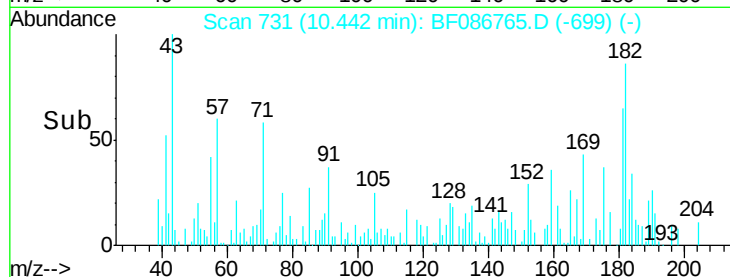
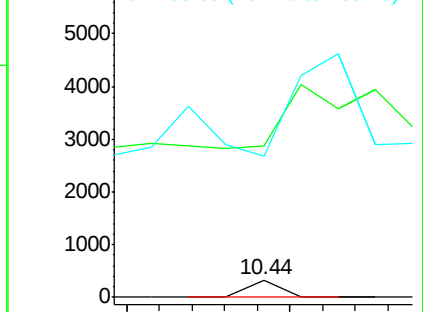
105 802.7 24.5 64.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 5.72 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.27 min

Lab File: BF086765.D

Acq: 7 May 2016 10:56

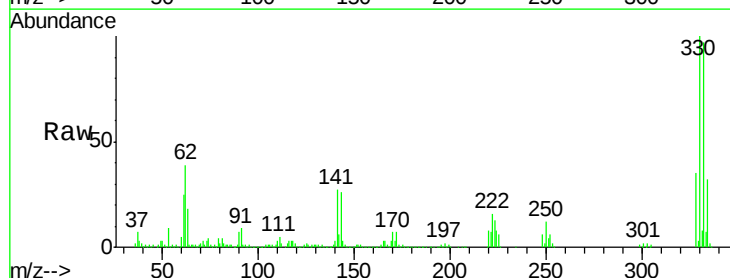
Tgt Ion:248 Resp: 32135

Ion Ratio Lower Upper

248 100

250 198.0 78.6 117.8#

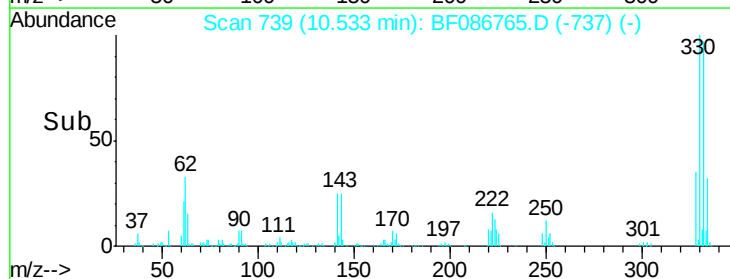
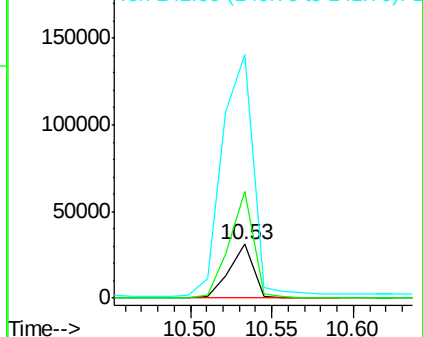
141 451.6 76.0 114.0#

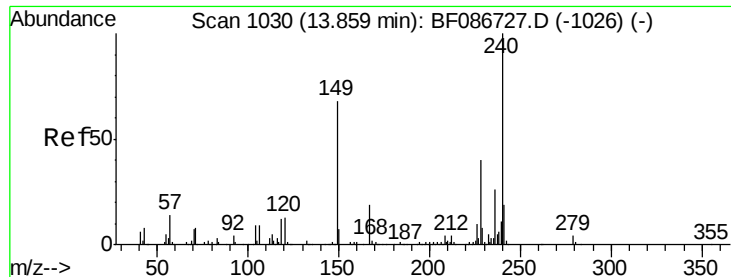


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF086765.D

Acq: 7 May 2016 10:56

Instrument :

BNA_F

ClientSampleId :

MW-2

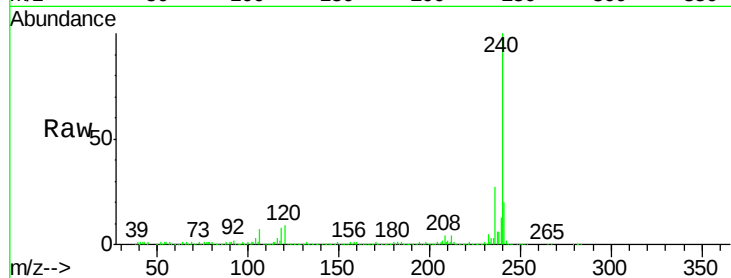
Tgt Ion:240 Resp: 401304

Ion Ratio Lower Upper

240 100

120 9.4 11.2 16.8#

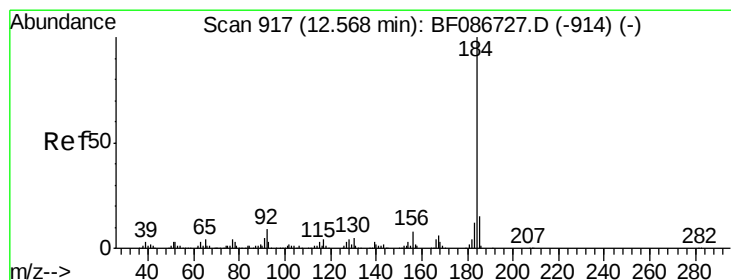
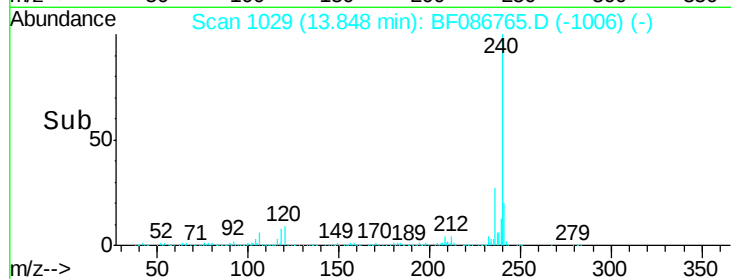
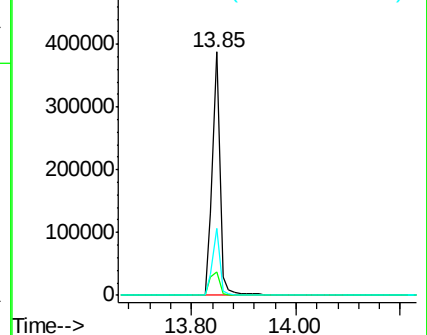
236 27.4 21.2 31.8



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



#76

Benzidine

Concen: 7.16 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF086765.D

Acq: 7 May 2016 10:56

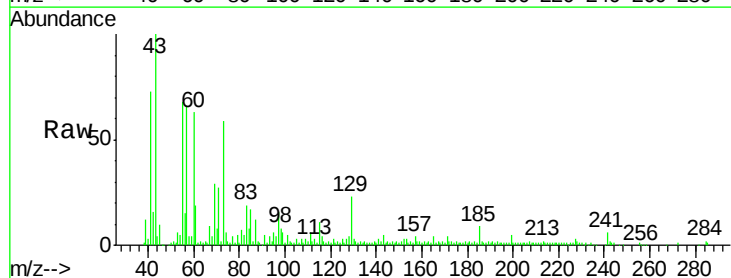
Tgt Ion:184 Resp: 861

Ion Ratio Lower Upper

184 100

185 805.2 13.6 20.4#

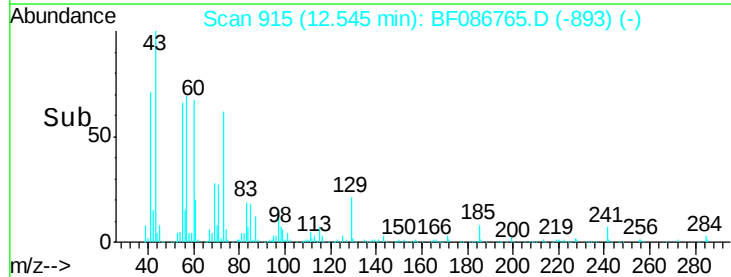
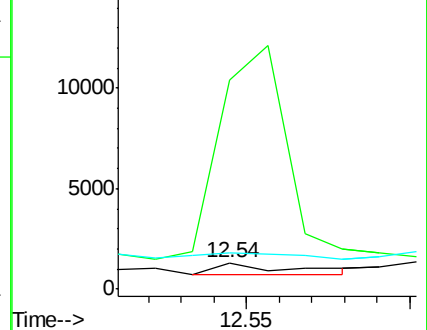
183 138.1 9.8 14.6#

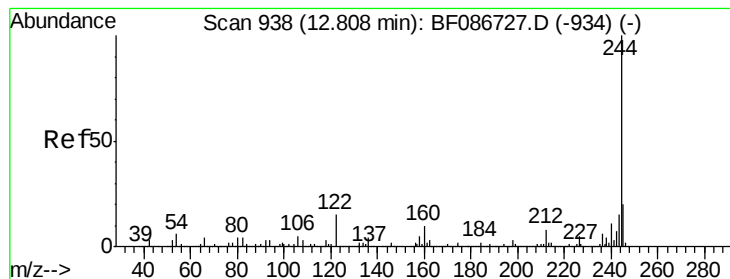


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 79.71 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.03 min

Lab File: BF086765.D

Acq: 7 May 2016 10:56

Instrument :

BNA_F

ClientSampleId :

MW-2

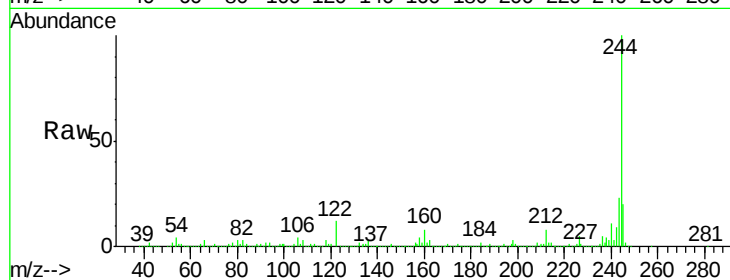
Tgt Ion:244 Resp: 1582693

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

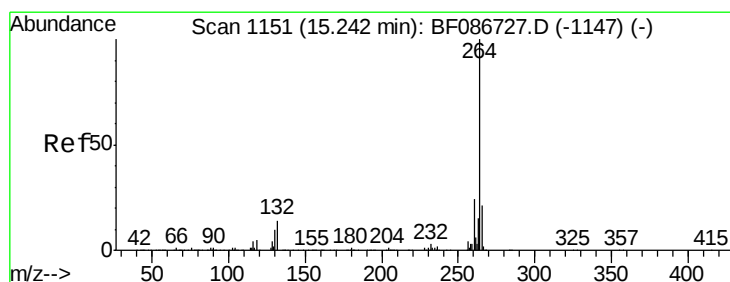
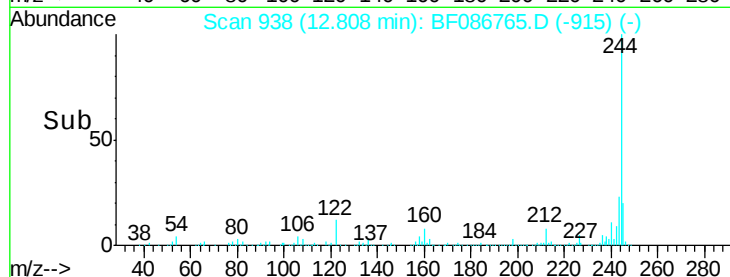
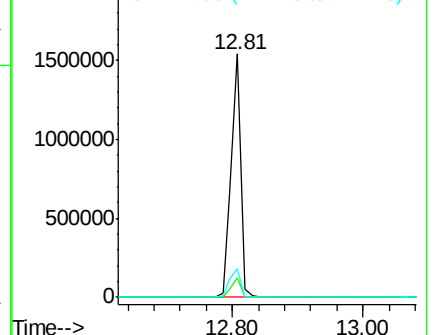
122 11.7 12.0 18.0#



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



#86

Perylene-d12

Concen: 40.00 ng

RT: 15.22 min Scan# 1149

Delta R.T. -0.05 min

Lab File: BF086765.D

Acq: 7 May 2016 10:56

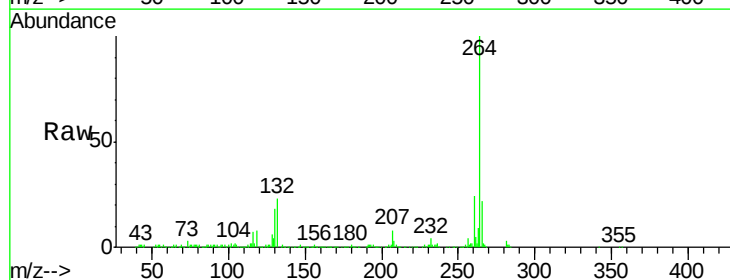
Tgt Ion:264 Resp: 314230

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 22.0 17.3 25.9



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

