

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094759.D
 Acq On : 1 May 2017 20:00
 Operator : SJ/MA
 Sample : I2897-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1

Quant Time: May 02 04:00:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

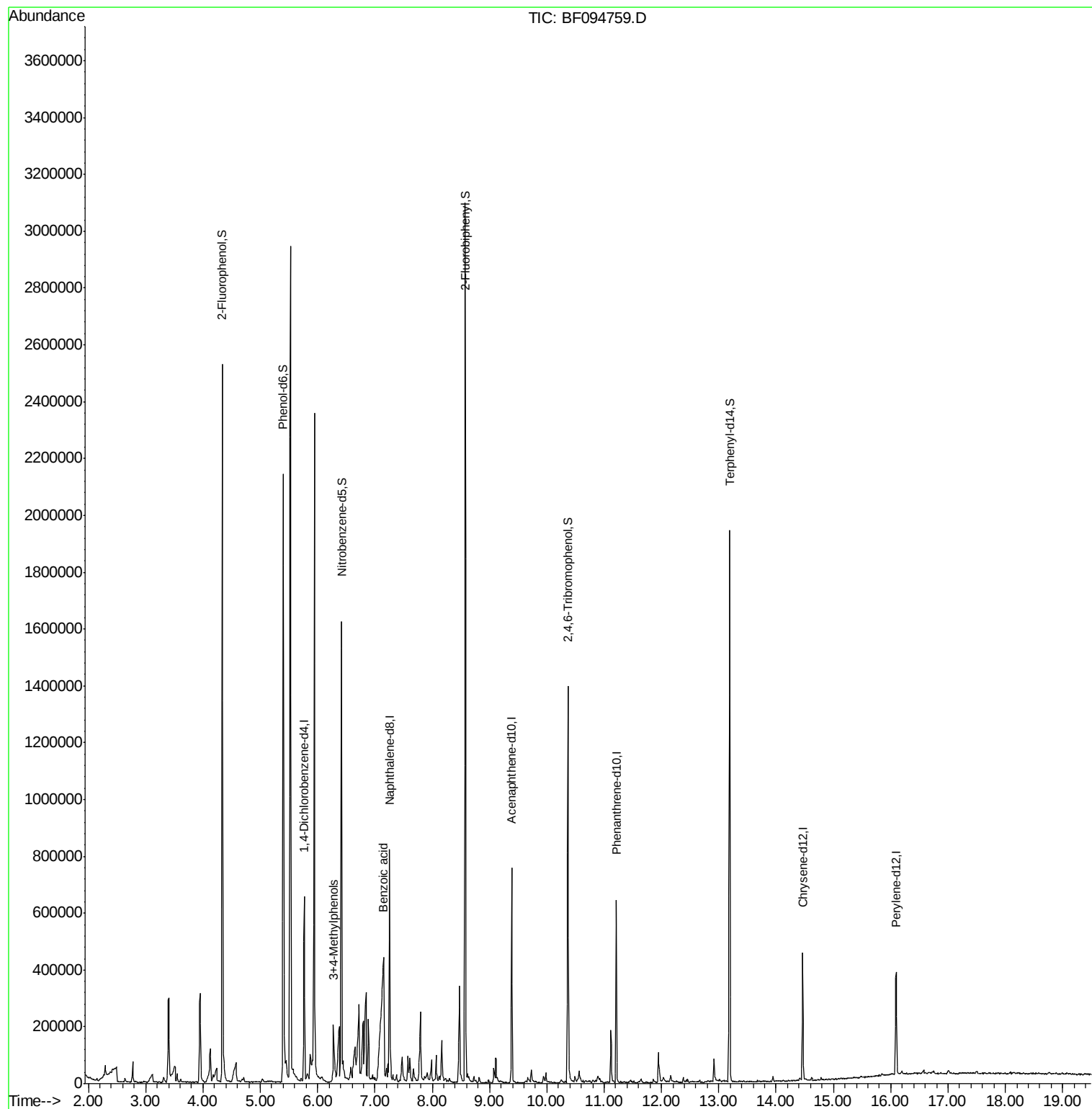
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	100629	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	378642	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	171853	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	259766	20.00	ng	0.00
75) Chrysene-d12	14.47	240	186819	20.00	ng	0.00
86) Perylene-d12	16.09	264	150352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	776917	128.09	ng	0.03
7) Phenol-d6	5.40	99	904696	126.52	ng	0.00
23) Nitrobenzene-d5	6.42	82	604845	98.64	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	196509	146.19	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1116293	95.57	ng	0.00
78) Terphenyl-d14	13.19	244	697150	99.75	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	6.28	107	55819	7.56	ng	Qvalue # 57
32) Benzoic acid	7.16	122	282710m	94.87	ng	

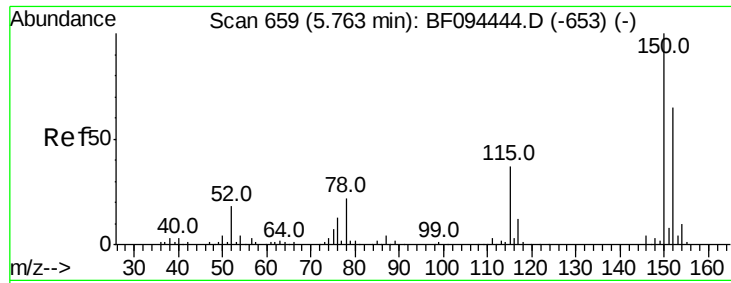
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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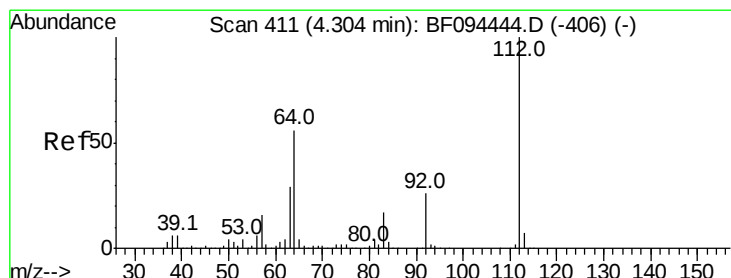
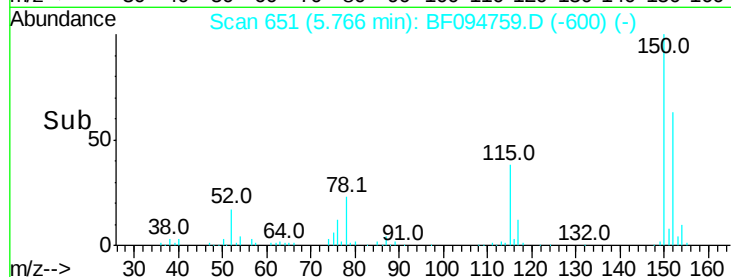
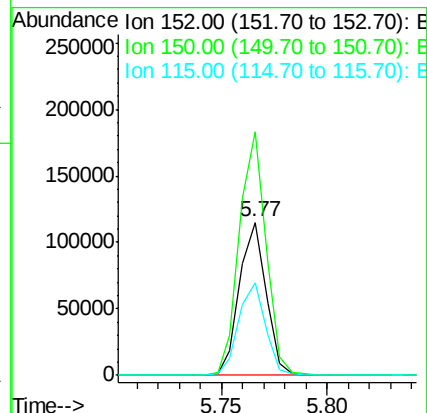
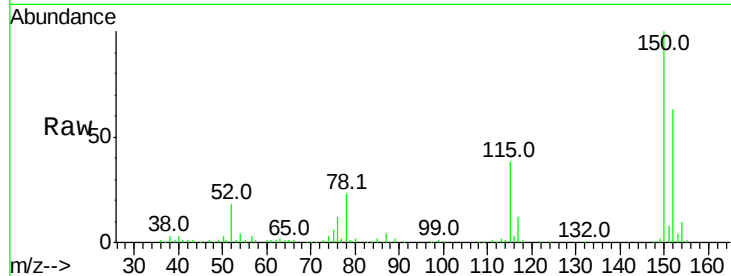


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094759.D
Acq: 1 May 2017 20:00

Instrument :
BNA_F
ClientSampled :
OWS-1

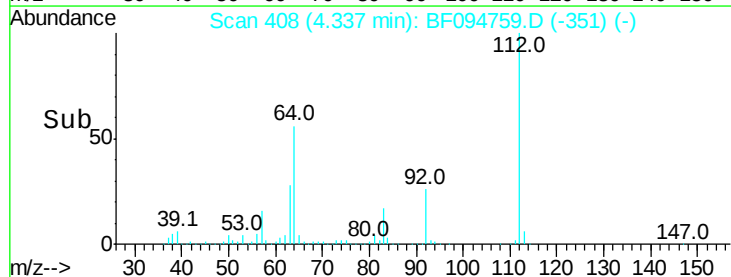
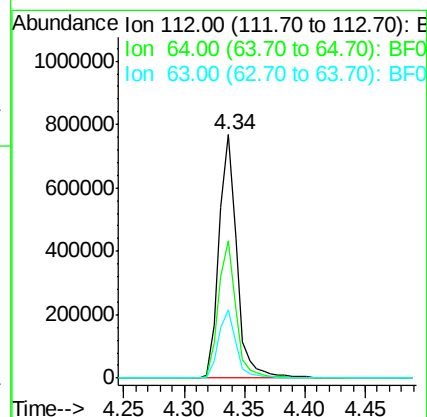
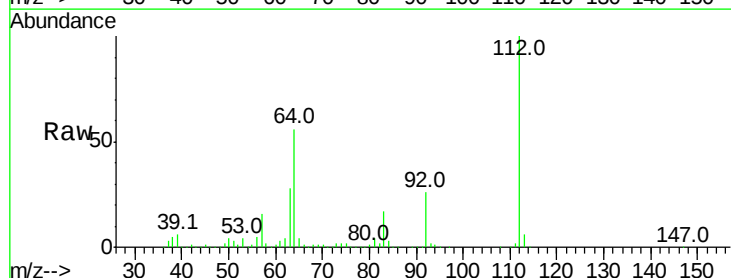
Tot Ion:152 Resp: 100629
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 60.9 52.2 78.2

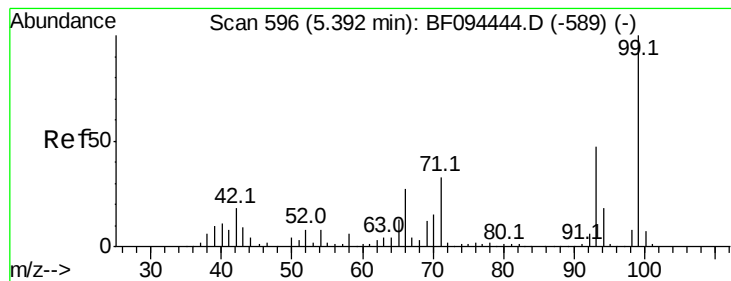


#5

2-Fluorophenol
Concen: 128.09 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094759.D
Acq: 1 May 2017 20:00

Tgt Ion:112 Resp: 776917
Ion Ratio Lower Upper
112 100
64 56.2 46.0 69.0
63 28.2 23.4 35.0





#7

Phenol-d6

Concen: 126.52 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094759.D

Acq: 1 May 2017 20:00

Instrument :

BNA_F

ClientSampleId :

OWS-1

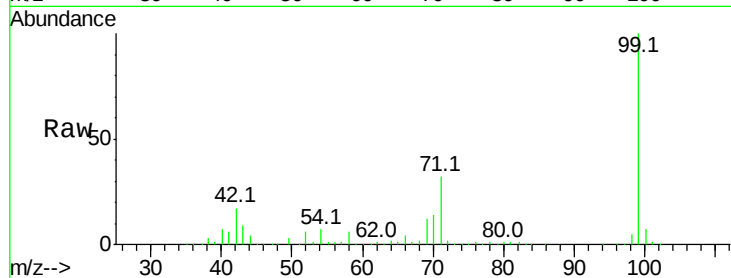
Tot Ion: 99 Resp: 904696

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

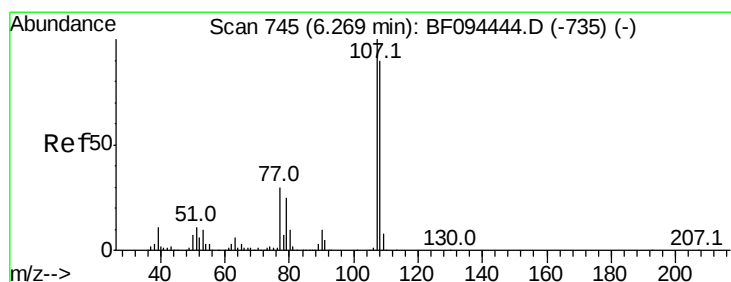
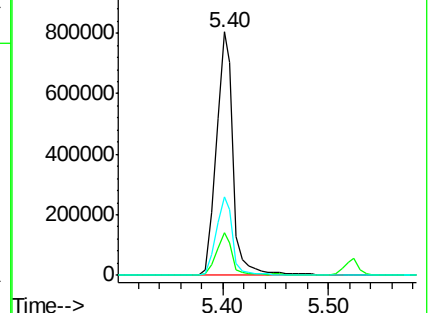
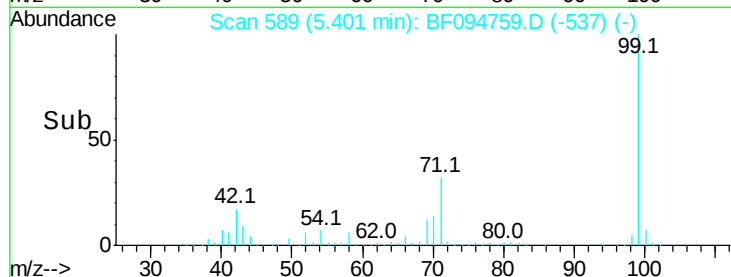
71 32.4 24.5 36.7



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



#20

3+4-Methylphenols

Concen: 7.56 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF094759.D

Acq: 1 May 2017 20:00

Tgt Ion:107 Resp: 55819

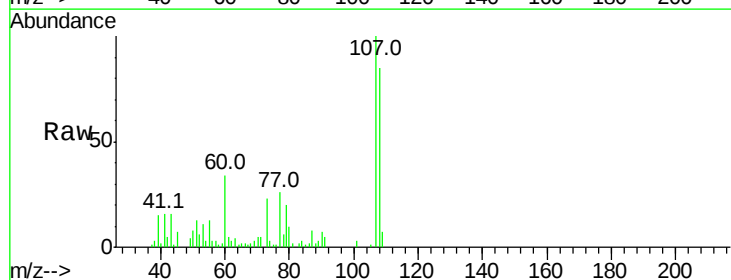
Ion Ratio Lower Upper

107 100

108 84.7 71.0 111.0

77 26.2 90.5 130.5#

79 20.4 8.4 48.4

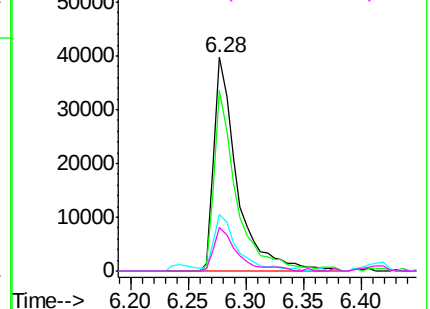
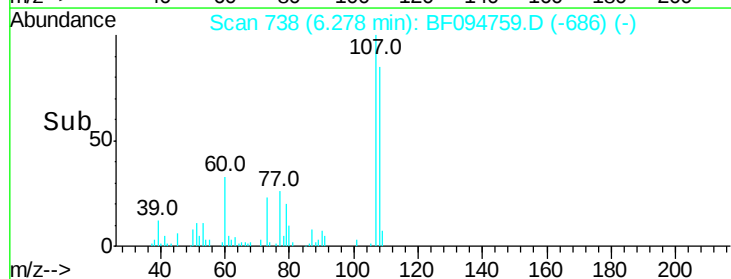


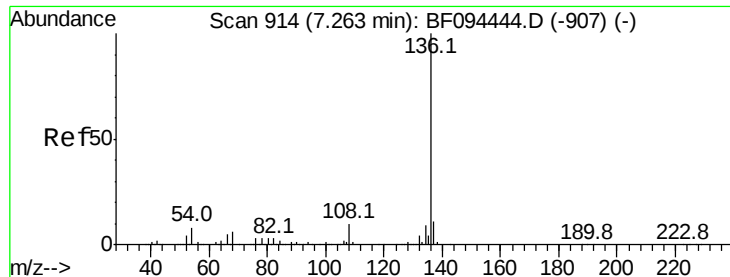
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094759.D

Acq: 1 May 2017 20:00

Instrument :

BNA_F

ClientSampleId :

OWS-1

Tot Ion:136 Resp: 378642

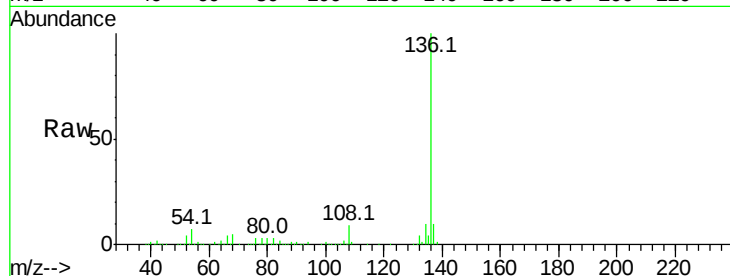
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.6 4.9 7.3

68 5.4 4.1 6.1

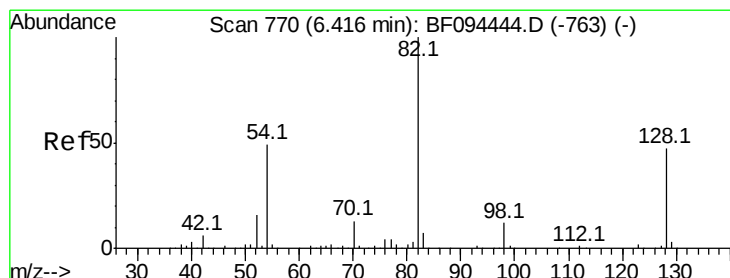
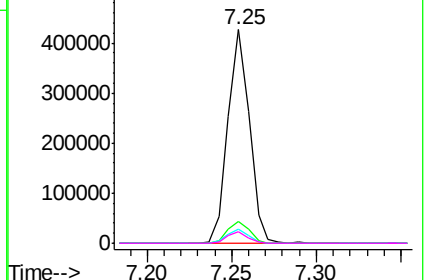
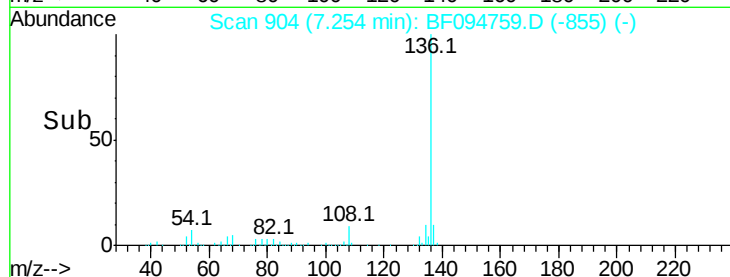


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 98.64 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094759.D

Acq: 1 May 2017 20:00

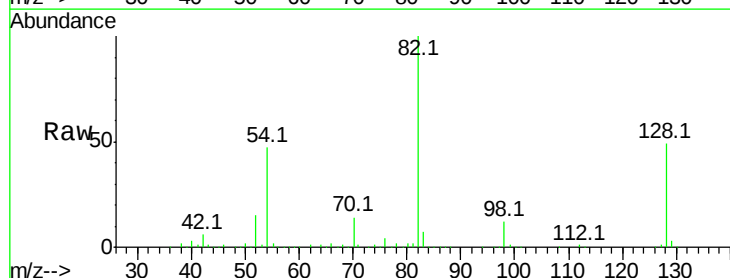
Tgt Ion: 82 Resp: 604845

Ion Ratio Lower Upper

82 100

128 49.1 34.0 51.0

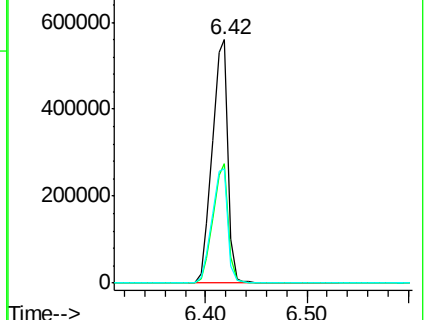
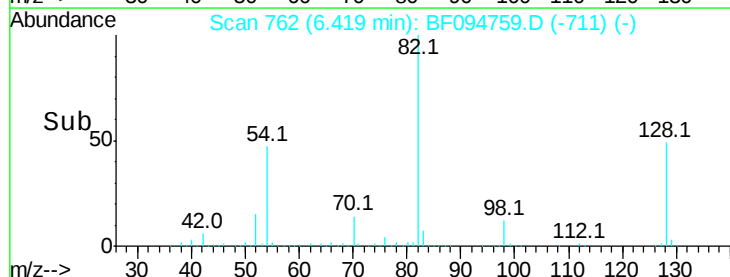
54 47.0 42.2 63.2

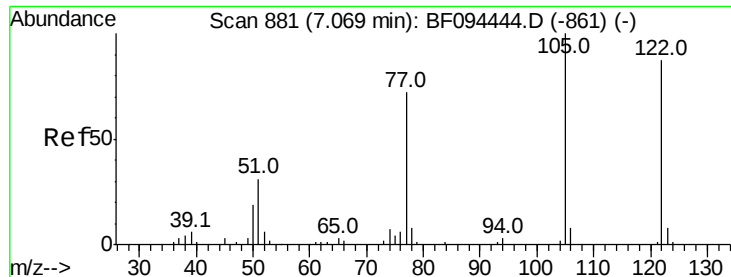


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 94.87 ng/mL

RT: 7.16 min Scan# 888

Delta R.T. 0.09 min

Lab File: BF094759.D

Acq: 1 May 2017 20:00

Instrument :

BNA_F

ClientSampleID :

OWS-1

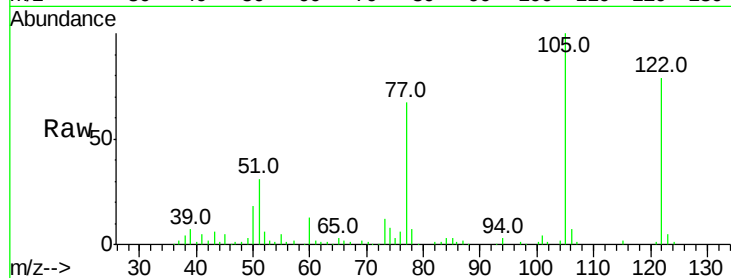
Tot Ion:122 Resp: 282710

Ion Ratio Lower Upper

122 100

105 125.9 103.3 143.3

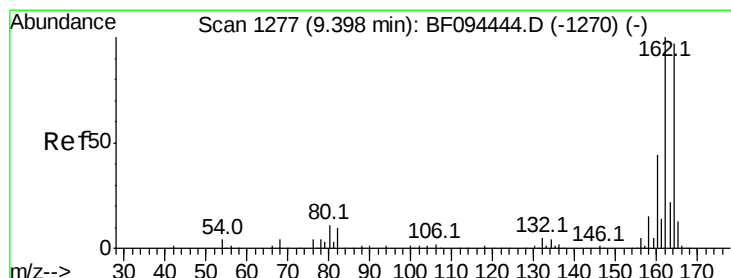
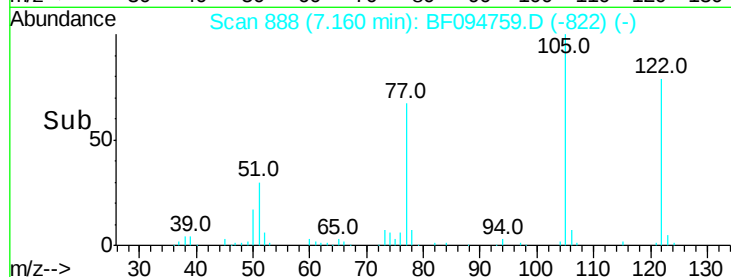
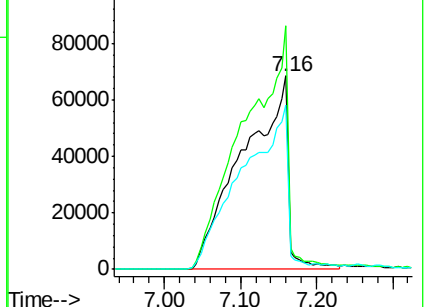
77 84.9 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094759.D

Acq: 1 May 2017 20:00

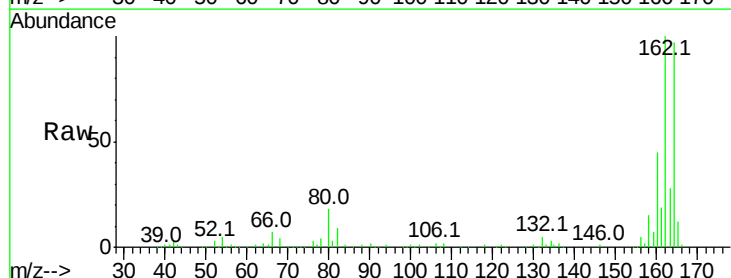
Tgt Ion:164 Resp: 171853

Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

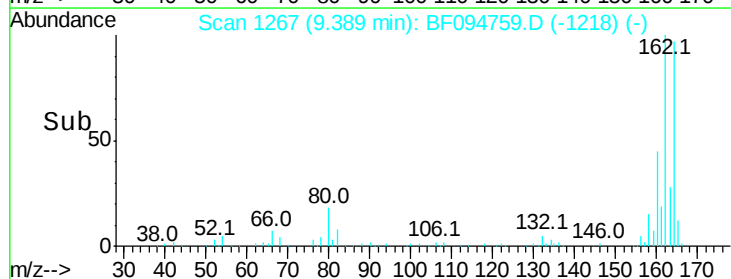
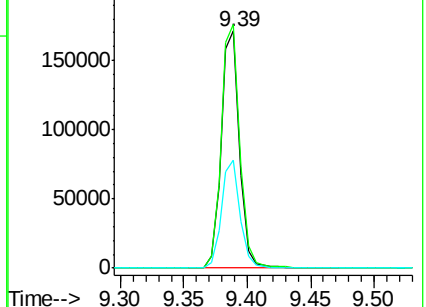
160 45.7 36.2 54.2



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

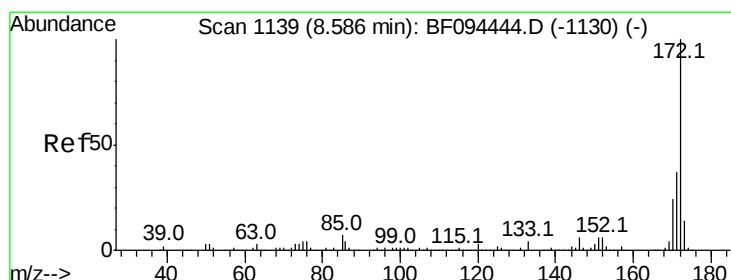
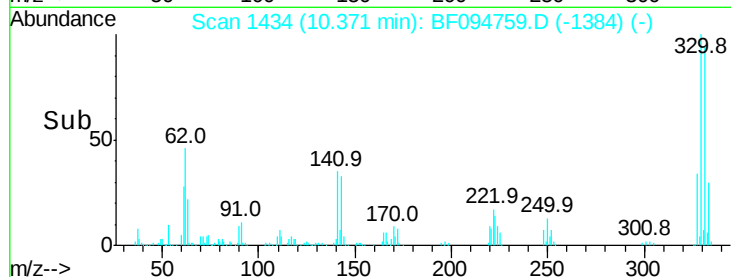
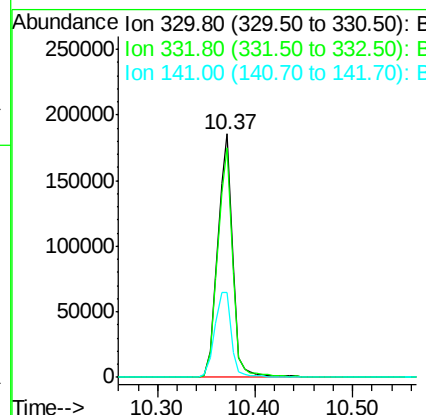
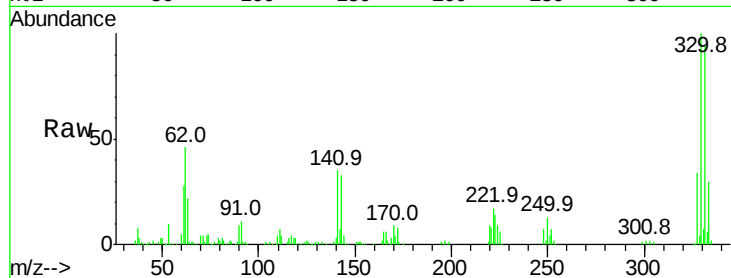




#41
 2,4,6-Tribromophenol
 Concen: 146.19 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094759.D
 Acq: 1 May 2017 20:00

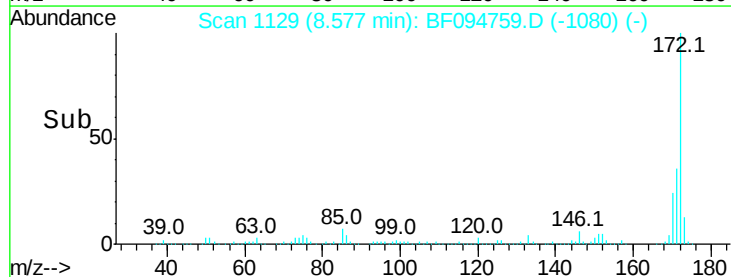
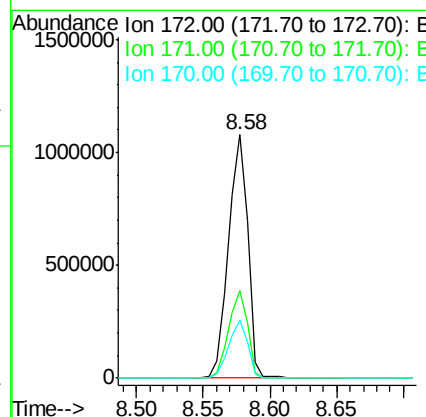
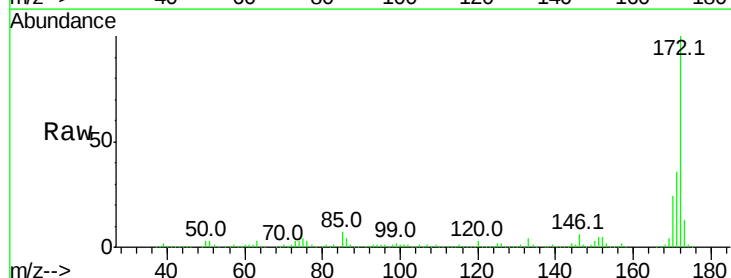
Instrument :
 BNA_F
 ClientSampleID :
 OWS-1

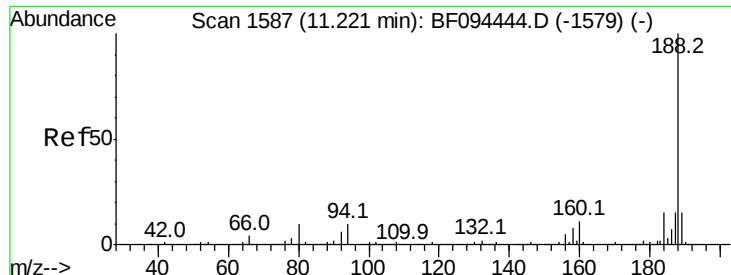
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	39.7	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 95.57 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094759.D
 Acq: 1 May 2017 20:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.6	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF094759.D

Acq: 1 May 2017 20:00

Instrument :

BNA_F

ClientSampleId :

OWS-1

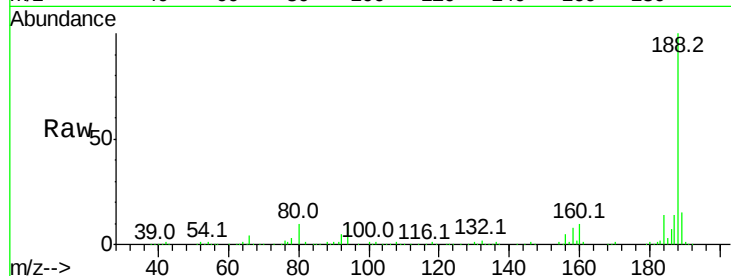
Tot Ion:188 Resp: 259766

Ion Ratio Lower Upper

188 100

94 9.5 9.4 14.2

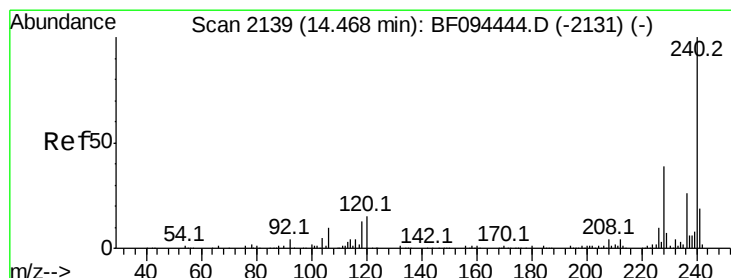
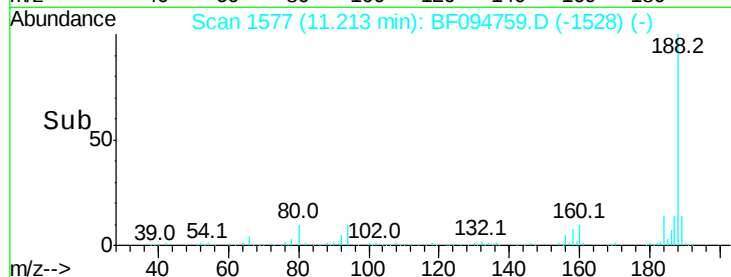
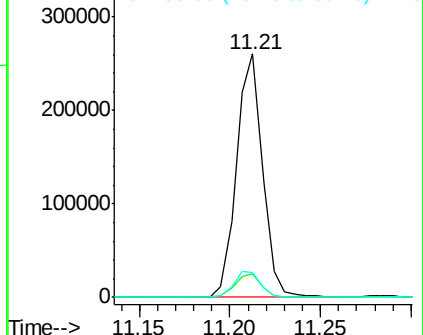
80 10.1 10.2 15.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094759.D

Acq: 1 May 2017 20:00

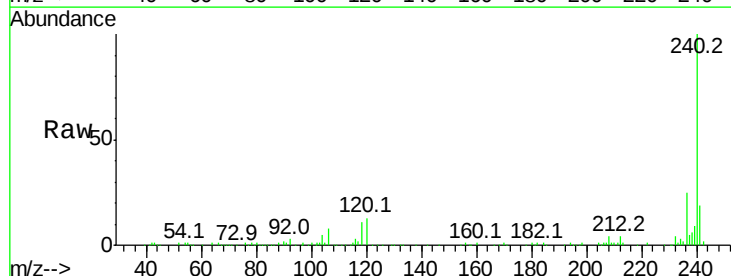
Tgt Ion:240 Resp: 186819

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

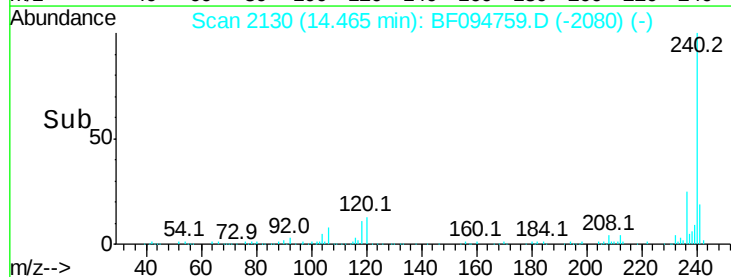
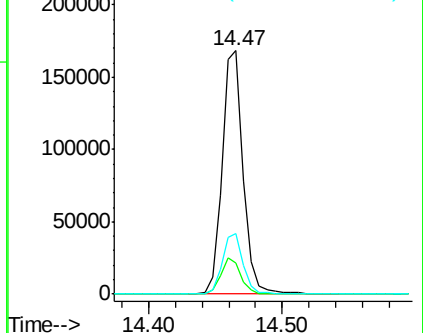
236 24.7 20.5 30.7

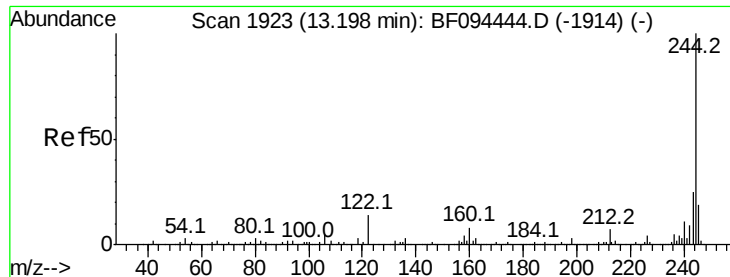


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.75 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094759.D

Acq: 1 May 2017 20:00

Instrument :

BNA_F

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OWS-1

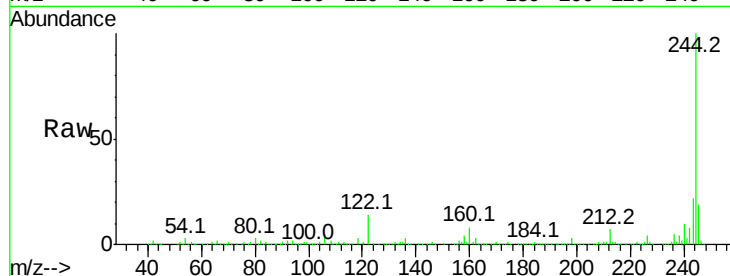
Tot Ion:244 Resp: 697150

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

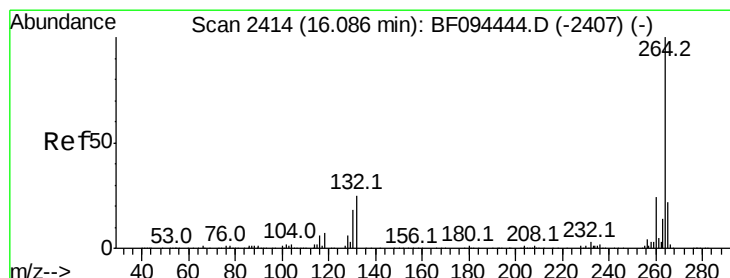
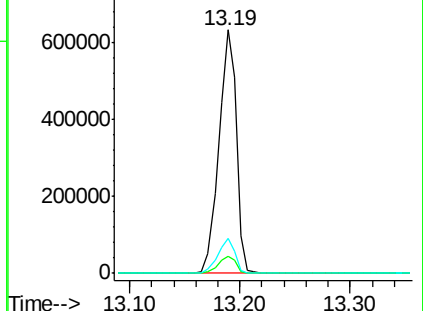
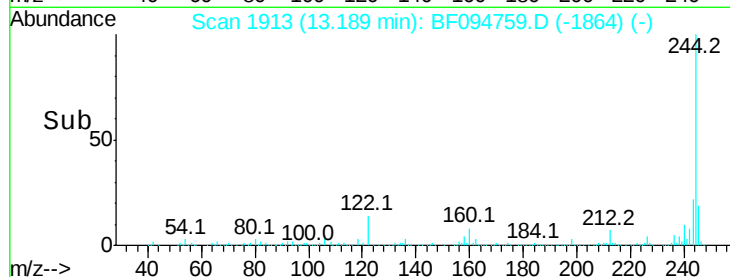
122 14.3 10.3 15.5



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: 16.09 min Scan# 2407

Delta R.T. 0.01 min

Lab File: BF094759.D

Acq: 1 May 2017 20:00

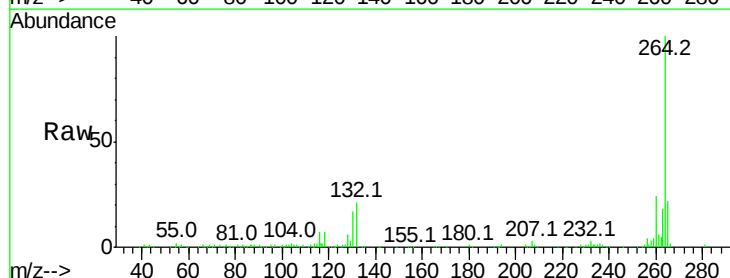
Tgt Ion:264 Resp: 150352

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 22.3 17.2 25.8



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

