

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098863.D
 Acq On : 27 Sep 2017 15:14
 Operator : SJ/JU
 Sample : I5434-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UT5400536

Quant Time: Sep 28 02:59:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

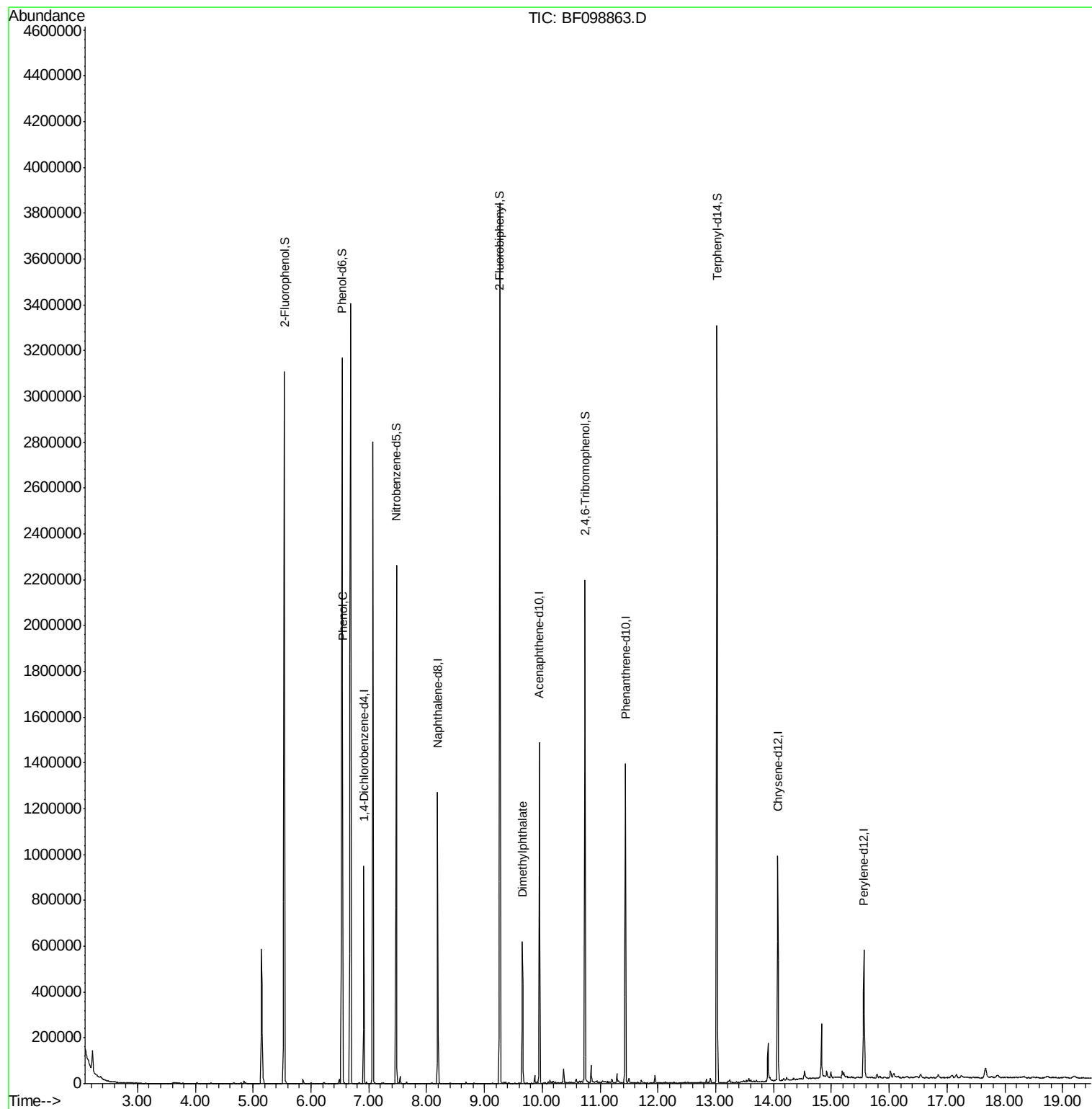
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	139054	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	576064	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	265212	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	462965	20.00	ng	0.00
75) Chrysene-d12	14.07	240	290746	20.00	ng	-0.01
86) Perylene-d12	15.56	264	254693	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1013625	116.04	ng	0.00
7) Phenol-d6	6.54	99	1261926	117.11	ng	0.00
23) Nitrobenzene-d5	7.47	82	757918	84.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	242856	111.91	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1231204	77.50	ng	-0.01
78) Terphenyl-d14	13.02	244	1100040	86.04	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	39263	3.258	ng	93
49) Dimethylphthalate	9.66	163	228964	11.439	ng	99

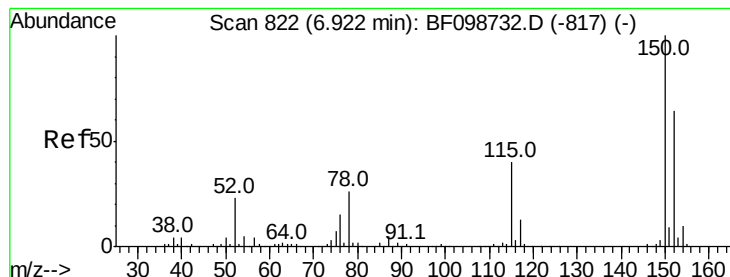
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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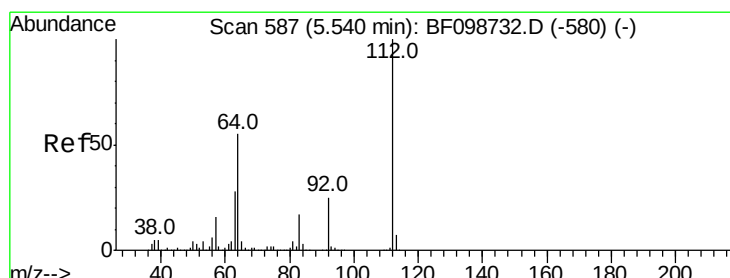
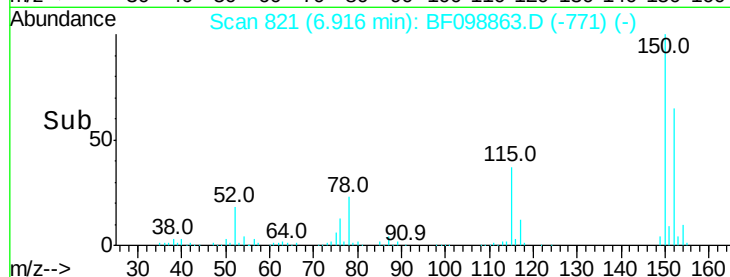
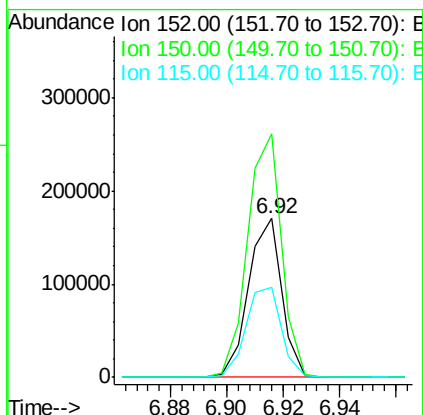
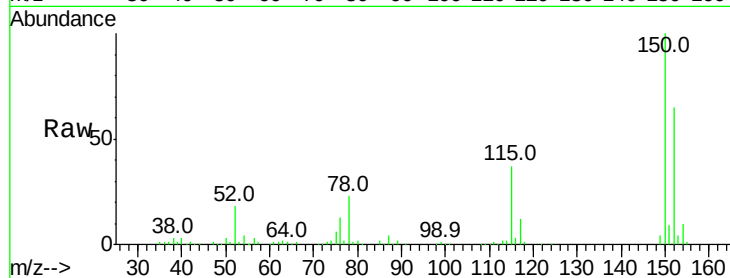


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098863.D
 Acq: 27 Sep 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 UT5400536

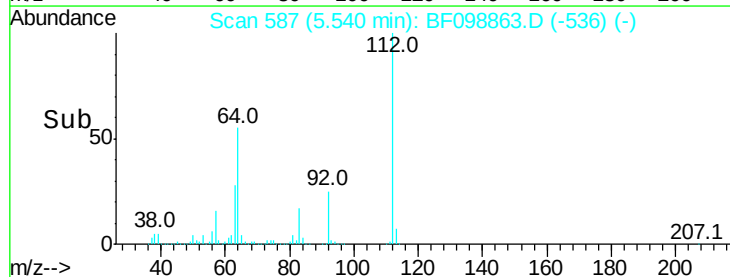
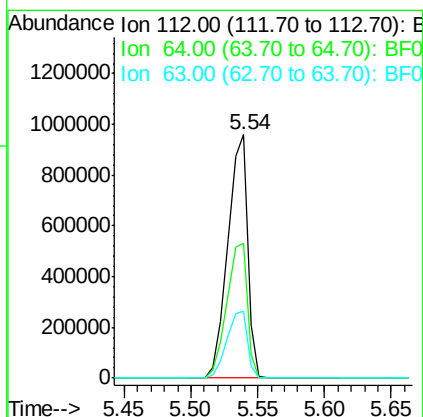
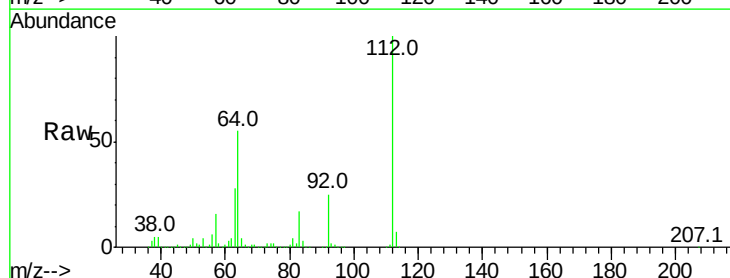
Tot Ion:152 Resp: 139054
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.6 186.8
 115 57.0 50.1 75.1

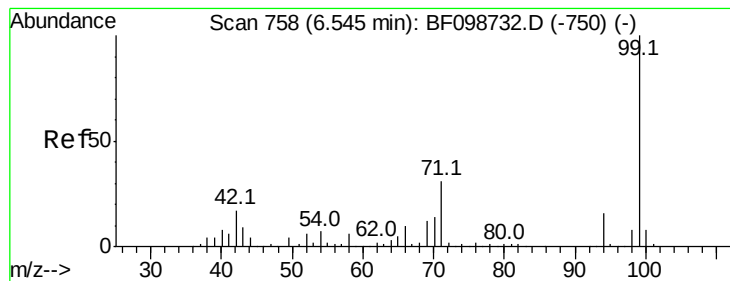


#5

2-Fluorophenol
 Concen: 116.041 ng
 RT: 5.54 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF098863.D
 Acq: 27 Sep 2017 15:14

Tgt Ion:112 Resp: 1013625
 Ion Ratio Lower Upper
 112 100
 64 55.2 47.9 71.9
 63 27.5 23.7 35.5





#7

Phenol-d6

Concen: 117.108 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098863.D

Acq: 27 Sep 2017 15:14

Instrument :

BNA_F

ClientSampleId :

UT5400536

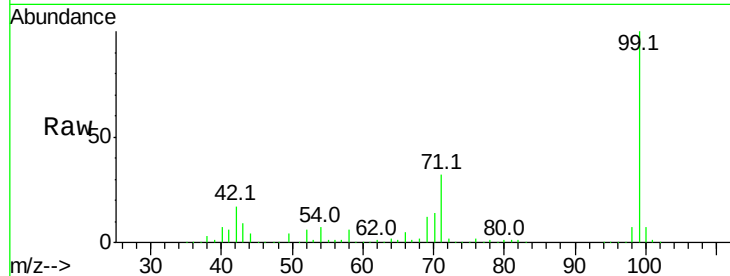
Tot Ion: 99 Resp: 1261926

Ion Ratio Lower Upper

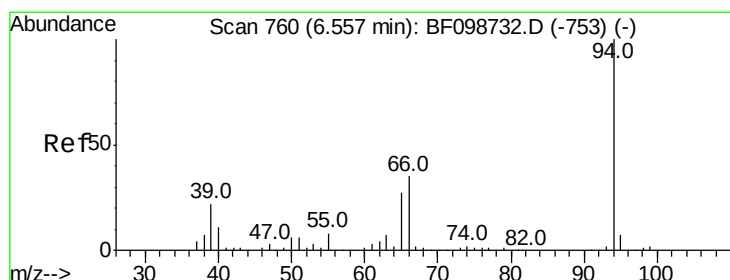
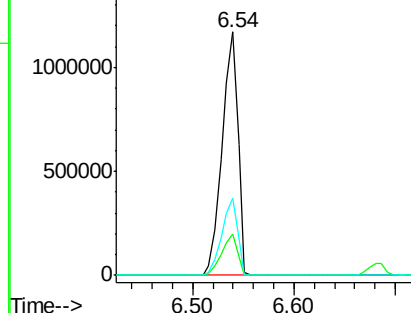
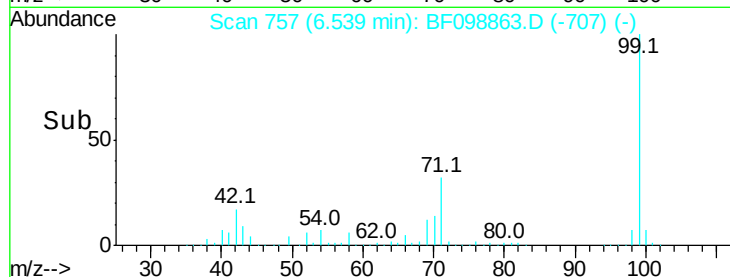
99 100

42 16.9 14.5 21.7

71 31.8 25.4 38.0



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



#10

Phenol

Concen: 3.258 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098863.D

Acq: 27 Sep 2017 15:14

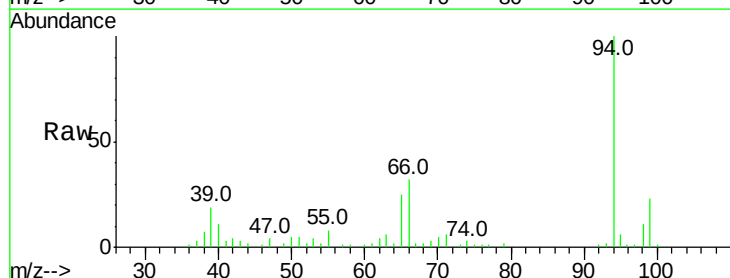
Tgt Ion: 94 Resp: 39263

Ion Ratio Lower Upper

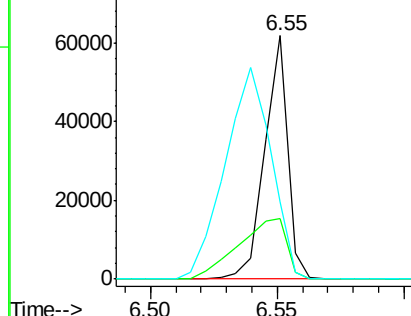
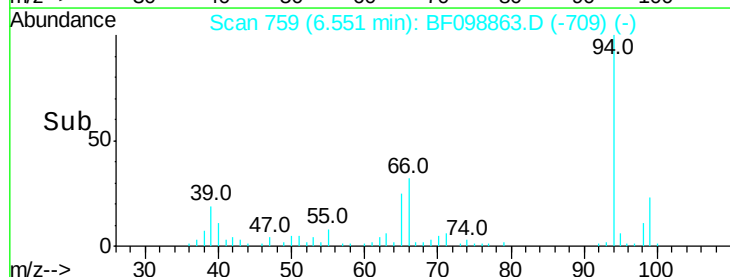
94 100

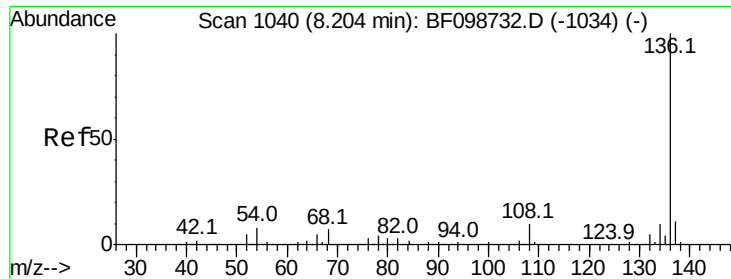
65 24.6 7.9 47.9

66 31.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

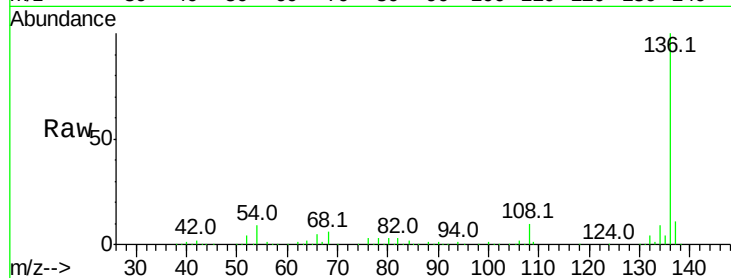




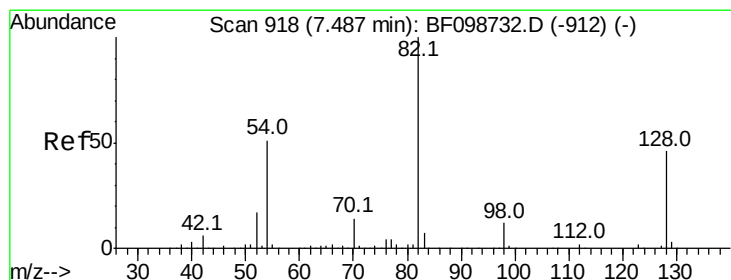
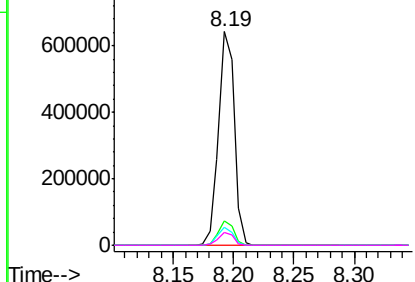
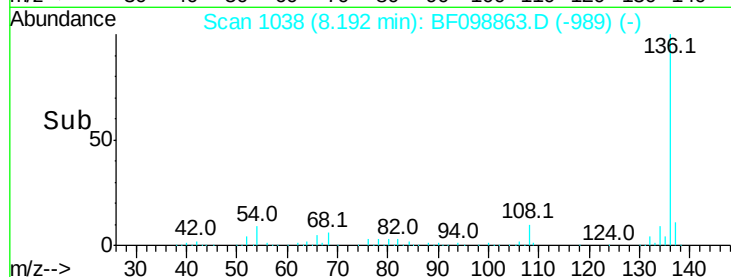
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098863.D
Acq: 27 Sep 2017 15:14

Instrument :
BNA_F
ClientSampleID :
UT5400536

Tot Ion:	136	Resp:	576064
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.5	6.6	9.8
68	6.3	5.0	7.4

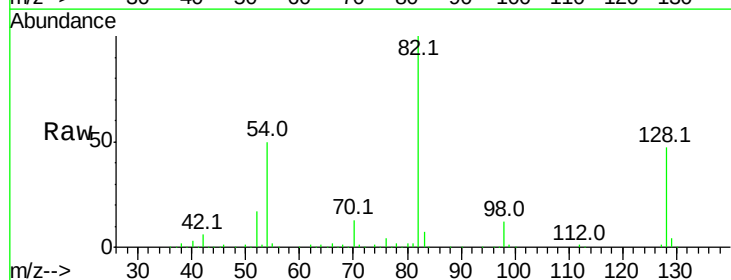


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

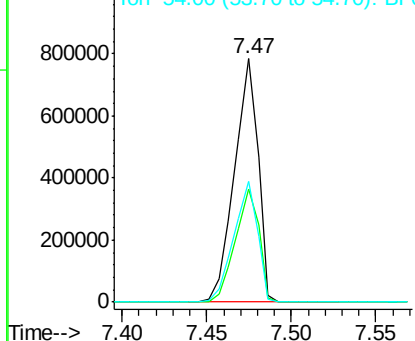
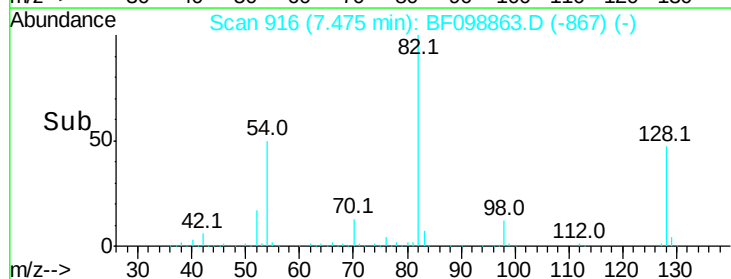


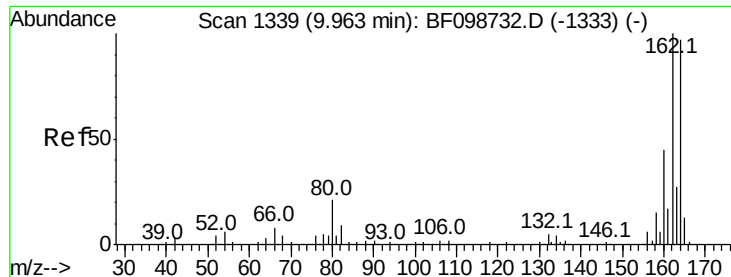
#23
Nitrobenzene-d5
Concen: 84.375 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098863.D
Acq: 27 Sep 2017 15:14

Tgt Ion:	82	Resp:	757918
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	49.9	41.4	62.2



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

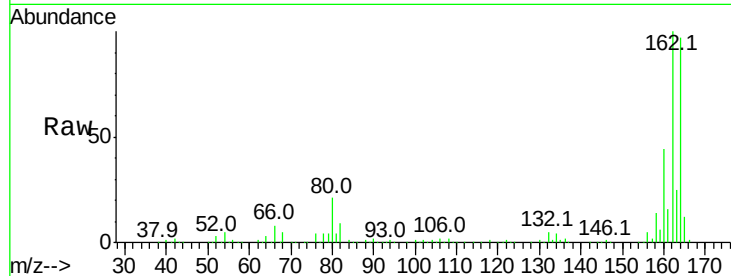




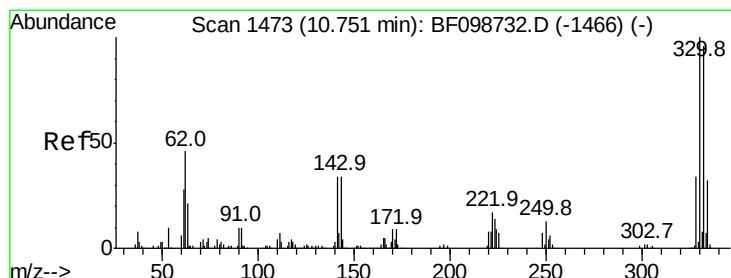
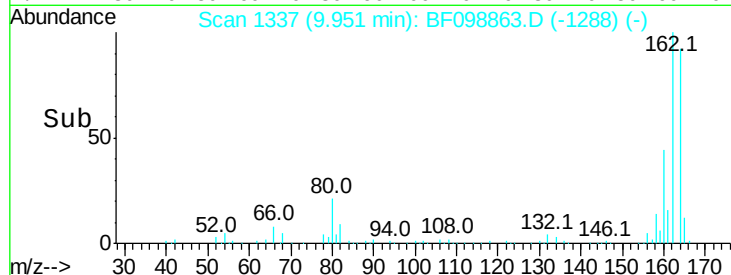
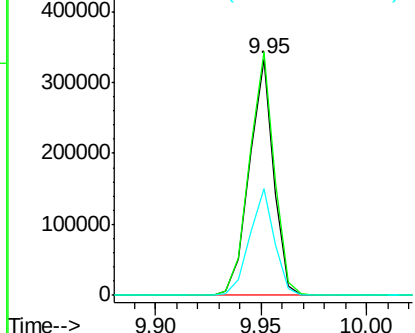
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098863.D
 Acq: 27 Sep 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 UT5400536

Tot Ion:164 Resp: 265212
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 45.4 38.3 57.5

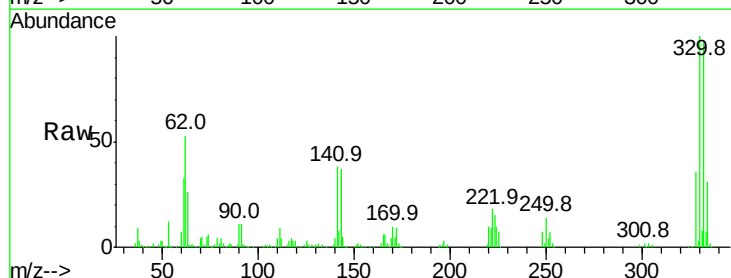


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

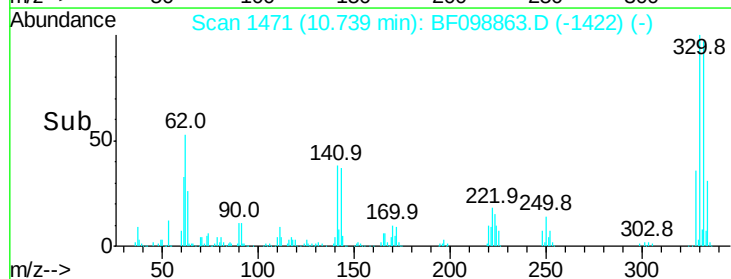
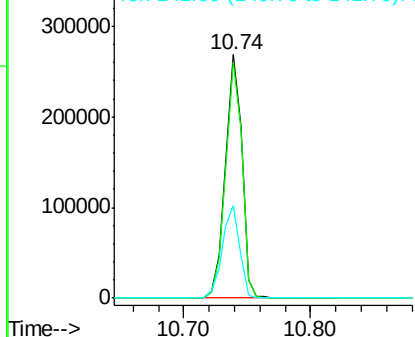


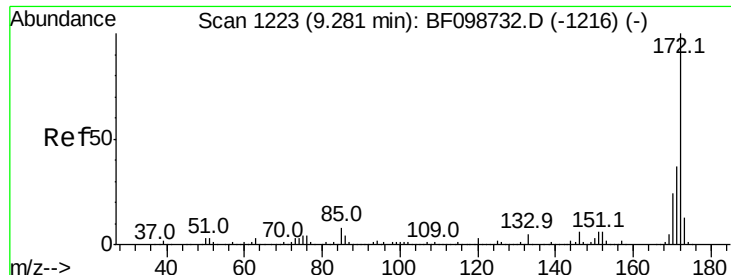
#41
 2,4,6-Tribromophenol
 Concen: 111.907 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098863.D
 Acq: 27 Sep 2017 15:14

Tgt Ion:330 Resp: 242856
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 40.1 29.9 44.9



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



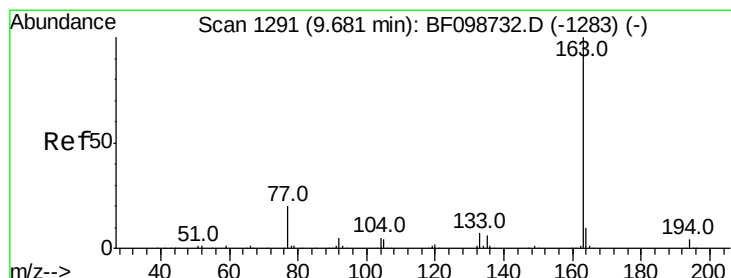
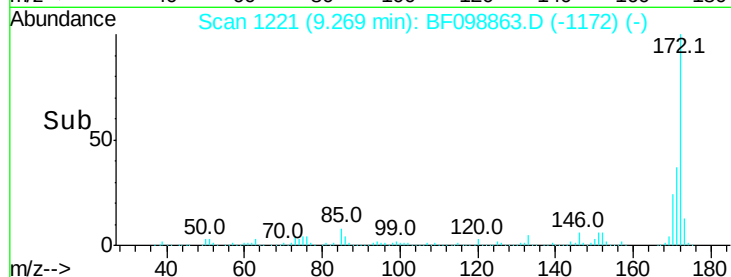
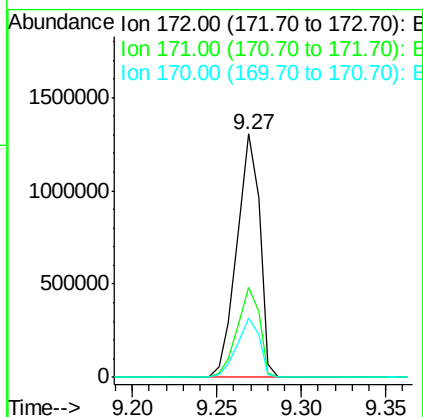
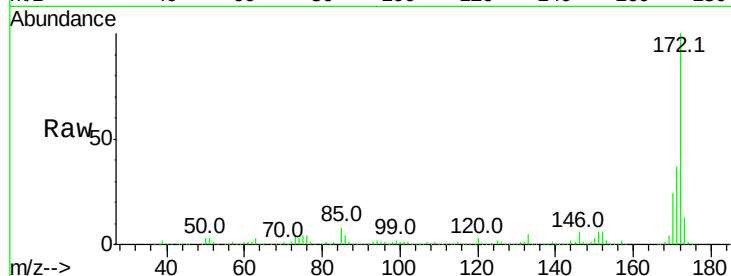


#44
 2-Fluorobiphenyl
 Concen: 77.500 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098863.D
 Acq: 27 Sep 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 UT5400536

Tot Ion:172 Resp: 1231204

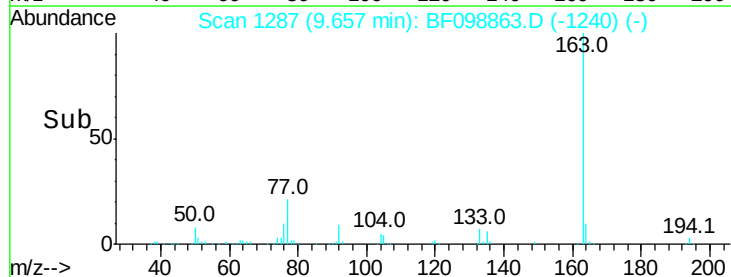
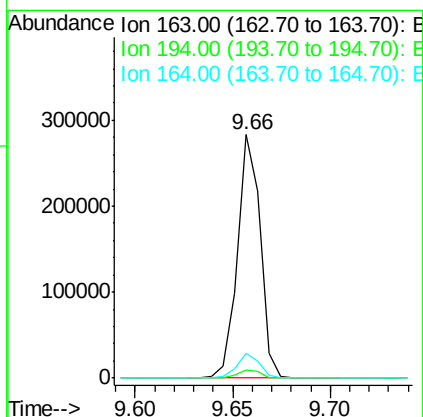
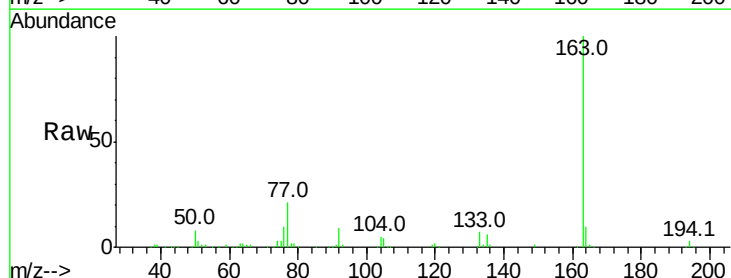
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.2	19.6	29.4

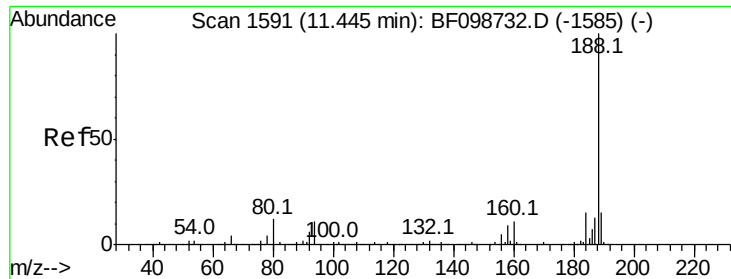


#49
 Dimethylphthalate
 Concen: 11.439 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF098863.D
 Acq: 27 Sep 2017 15:14

Tgt Ion:163 Resp: 228964

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.0	8.2	12.2

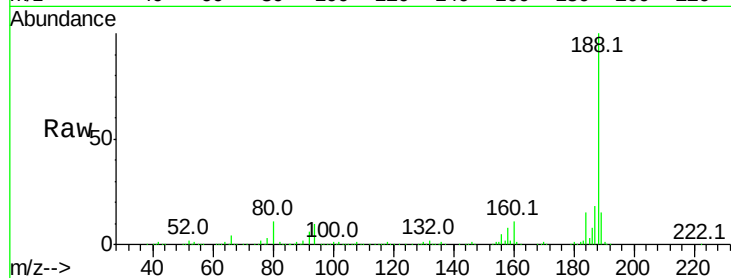




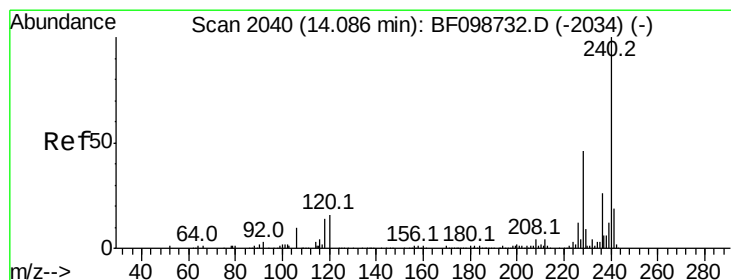
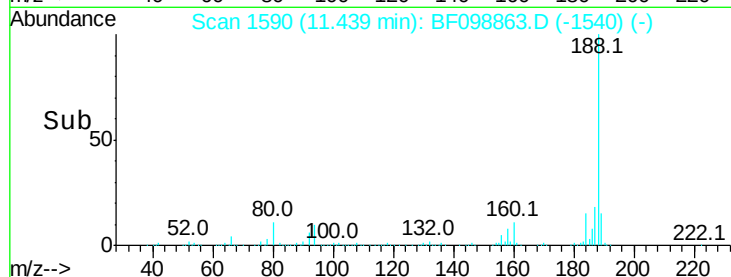
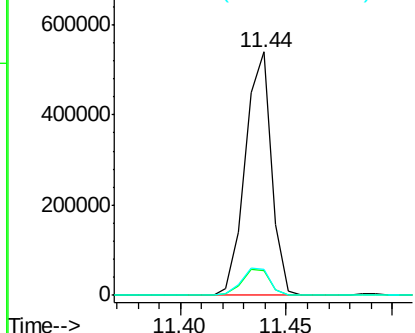
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098863.D
Acq: 27 Sep 2017 15:14

Instrument :
BNA_F
ClientSampleId :
UT5400536

Tot Ion:188 Resp: 462965
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.9 9.2 13.8

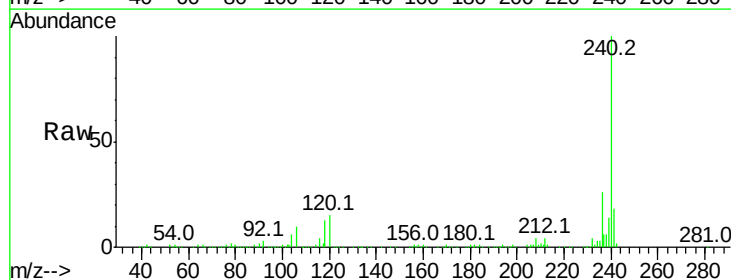


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

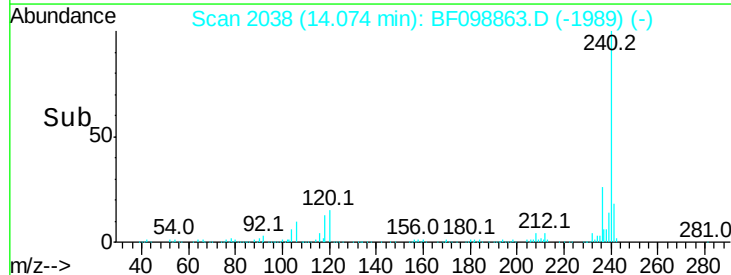
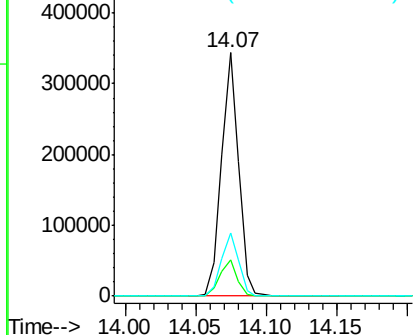


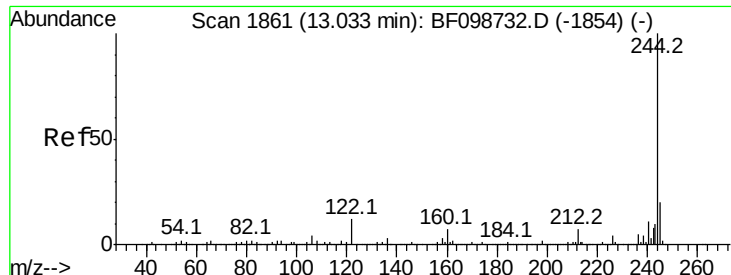
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098863.D
Acq: 27 Sep 2017 15:14

Tgt Ion:240 Resp: 290746
Ion Ratio Lower Upper
240 100
120 14.7 9.5 14.3#
236 25.7 20.7 31.1



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: 86.045 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098863.D

Acq: 27 Sep 2017 15:14

Instrument :

BNA_F

ClientSampled :

UT5400536

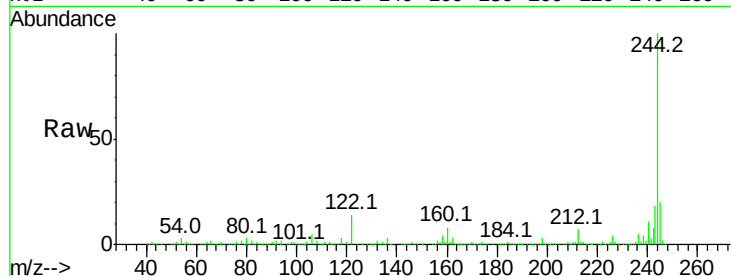
Tot Ion:244 Resp: 1100040

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

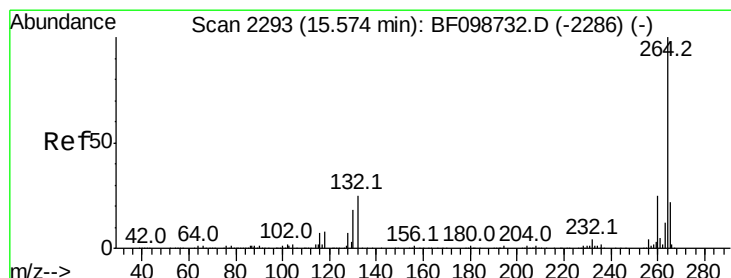
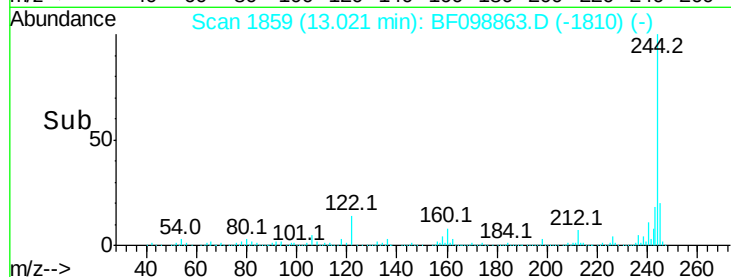
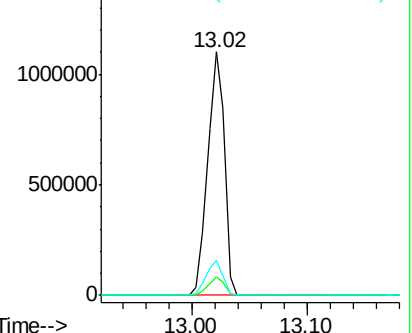
122 14.2 11.0 16.4



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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF098863.D

Acq: 27 Sep 2017 15:14

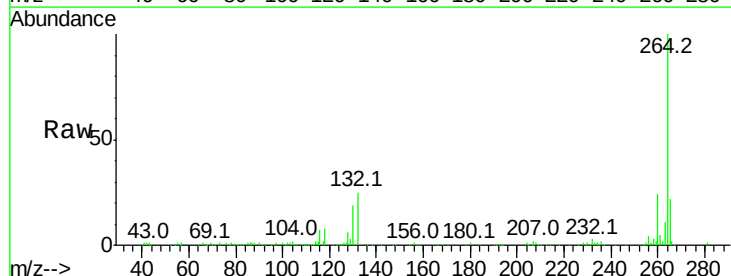
Tgt Ion:264 Resp: 254693

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.6 17.5 26.3



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

