

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098632.D
 Acq On : 19 Sep 2017 5:58
 Operator : SJ/JU
 Sample : I5265-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-25D46

Quant Time: Sep 19 07:47:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

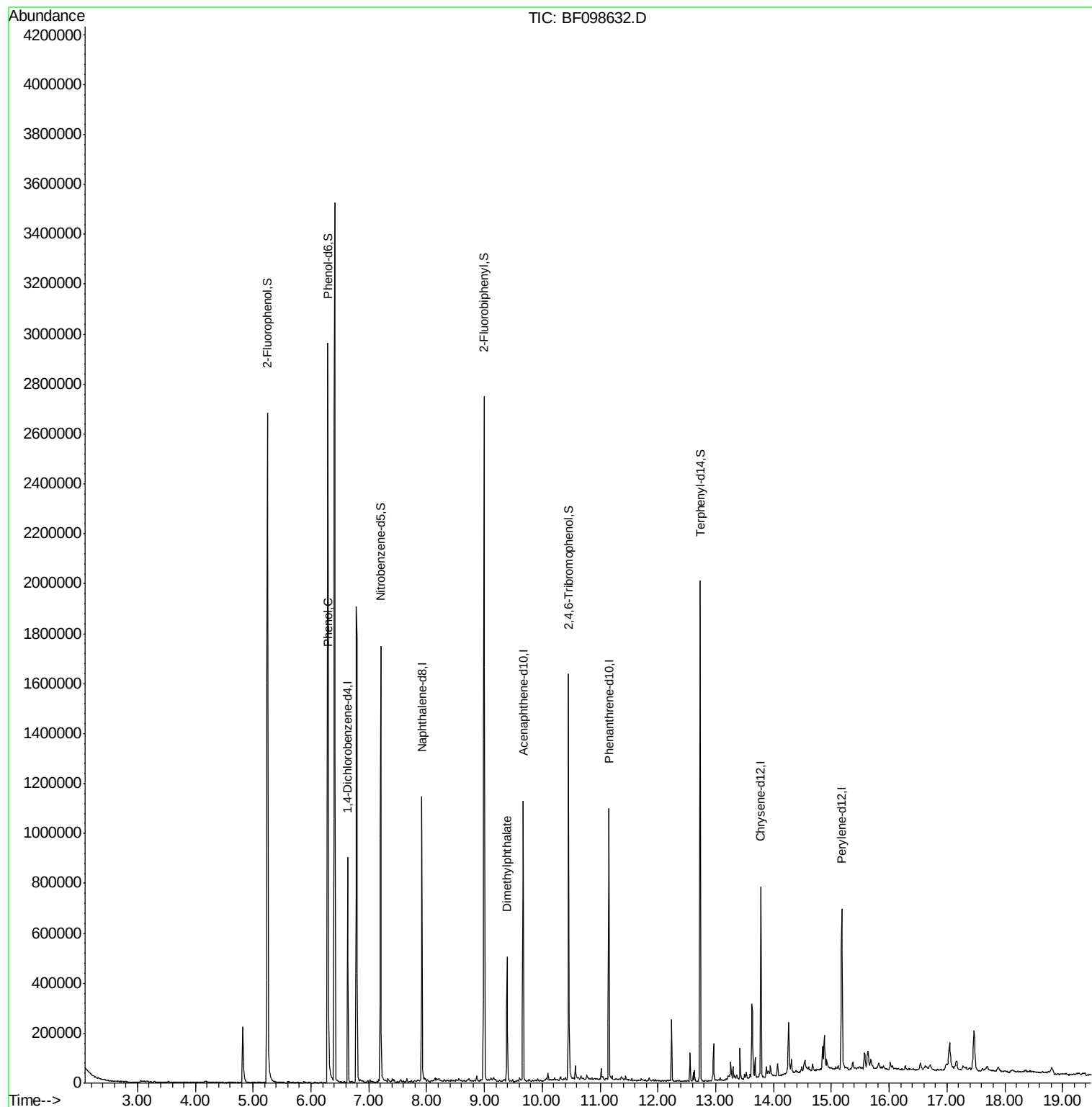
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	116413	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	497180	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	202785	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	367016	20.00	ng	0.00
75) Chrysene-d12	13.78	240	258668	20.00	ng	0.00
86) Perylene-d12	15.18	264	256085	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	788850	100.19	ng	0.00
7) Phenol-d6	6.29	99	1031715	103.20	ng	0.00
23) Nitrobenzene-d5	7.20	82	574881	64.46	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	165111	121.99	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	751769	62.83	ng	0.00
78) Terphenyl-d14	12.73	244	569062	47.49	ng	0.00
Target Compounds						
10) Phenol	6.30	94	23416	2.017	ng	90
49) Dimethylphthalate	9.39	163	168619	10.742	ng	98

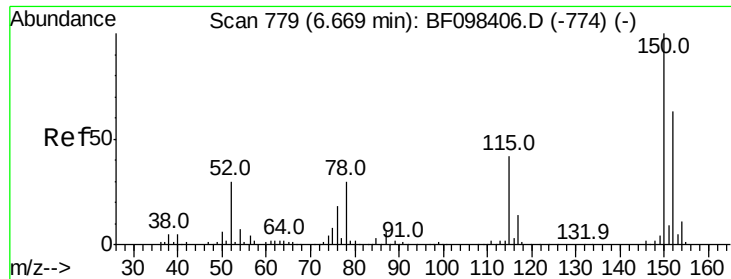
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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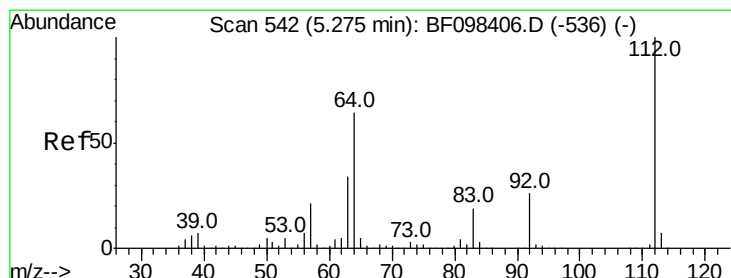
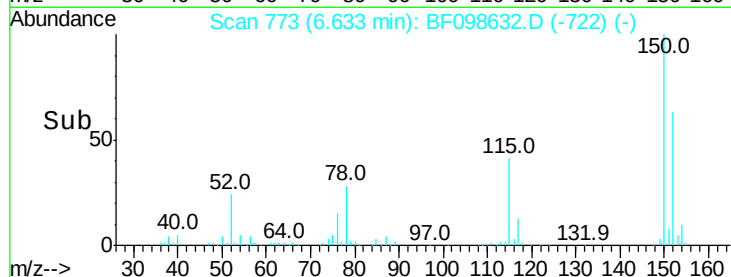
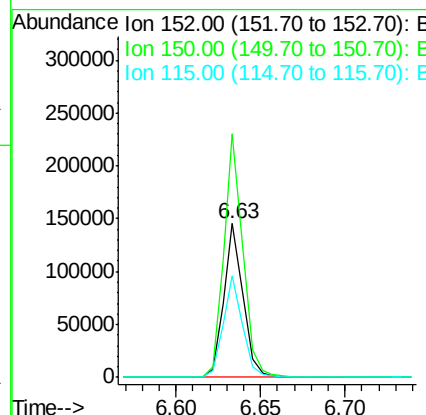
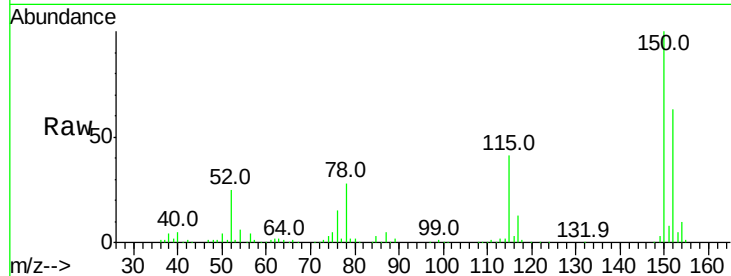


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Instrument :
BNA_F
ClientSampleId :
TP-25D46

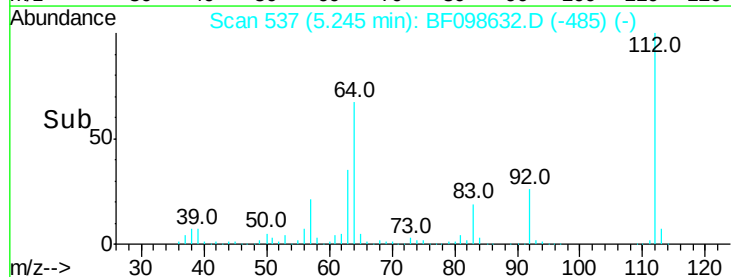
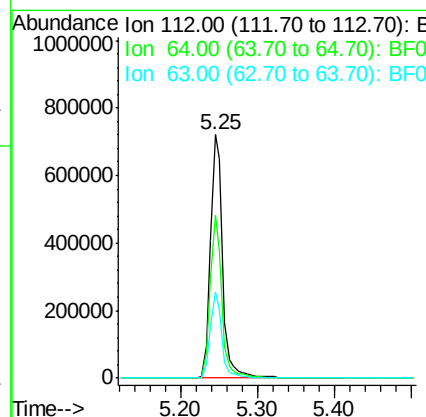
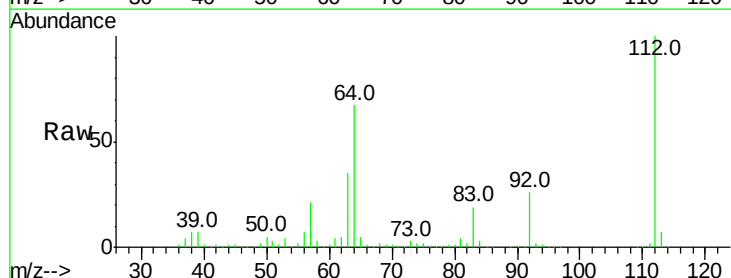
Tot Ion:152 Resp: 116413
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 65.8 52.2 78.2

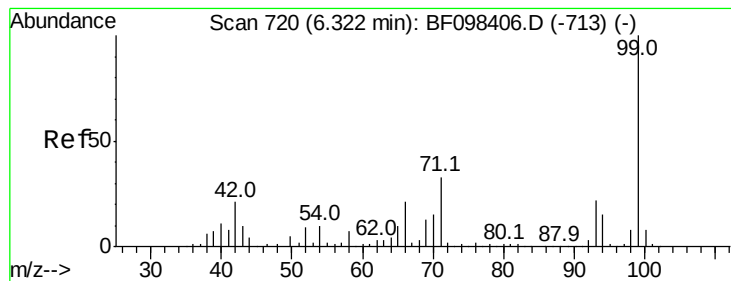


#5

2-Fluorophenol
Concen: 100.189 ng
RT: 5.25 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Tgt Ion:112 Resp: 788850
Ion Ratio Lower Upper
112 100
64 67.0 46.0 69.0
63 35.1 23.4 35.0#





#7

Phenol-d6

Concen: 103.204 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF098632.D

Acq: 19 Sep 2017 5:58

Instrument :

BNA_F

ClientSampleId :

TP-25D46

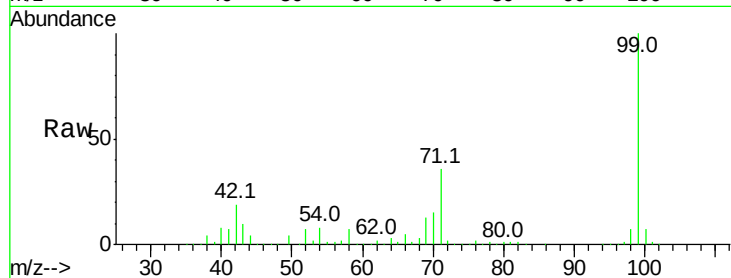
Tot Ion: 99 Resp: 1031715

Ion	Ratio	Lower	Upper
99	100		
42	18.9	13.5	20.3
71	36.4	24.5	36.7

99 100

42 18.9 13.5 20.3

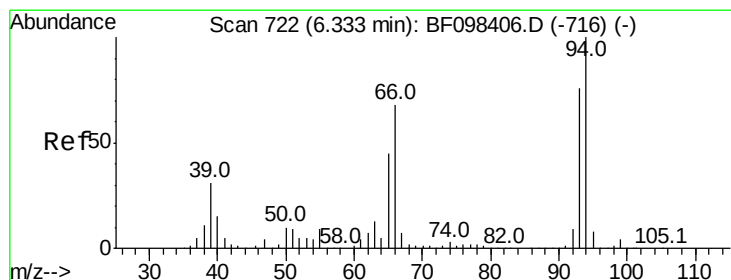
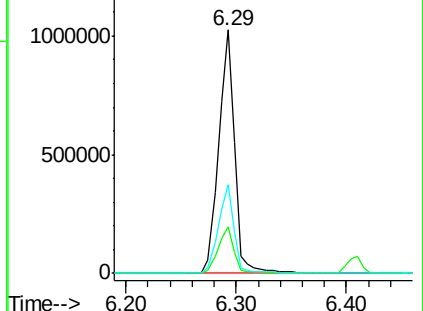
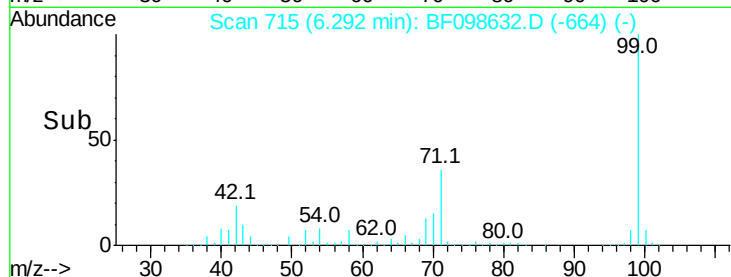
71 36.4 24.5 36.7



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



#10

Phenol

Concen: 2.017 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF098632.D

Acq: 19 Sep 2017 5:58

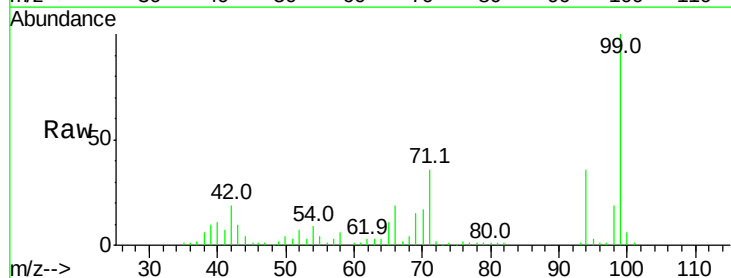
Tgt Ion: 94 Resp: 23416

Ion	Ratio	Lower	Upper
94	100		
65	30.9	9.9	49.9
66	52.7	23.1	63.1

94 100

65 30.9 9.9 49.9

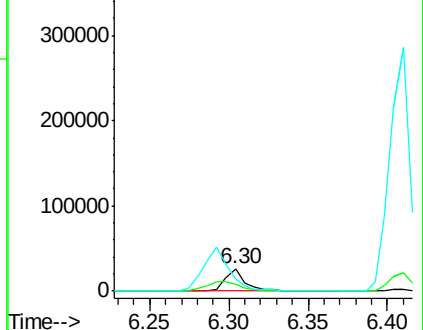
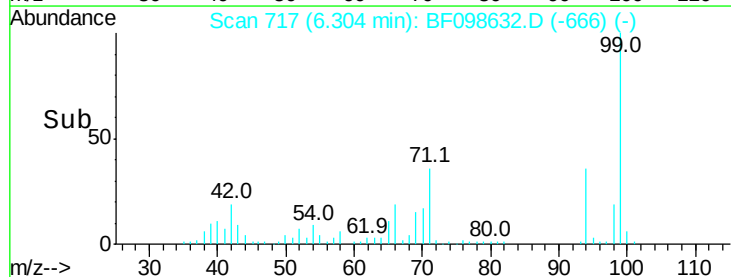
66 52.7 23.1 63.1

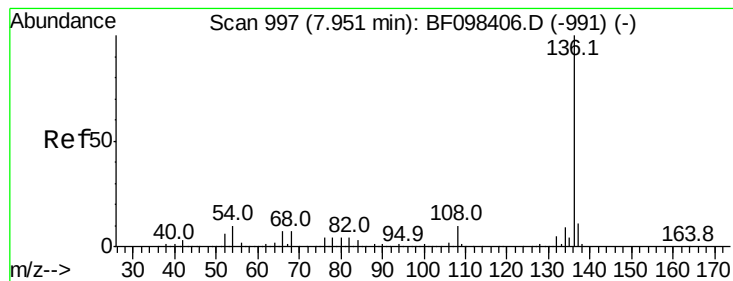


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF098632.D

Acq: 19 Sep 2017 5:58

Instrument :

BNA_F

ClientSampleId :

TP-25D46

Tot Ion:136 Resp: 497180

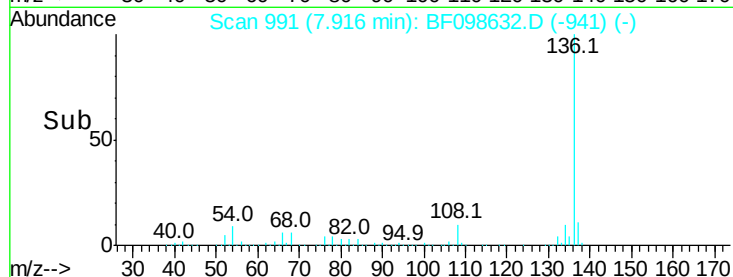
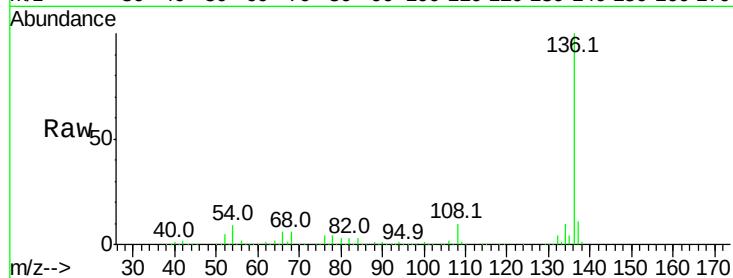
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 9.4 4.9 7.3#

68 5.8 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

7.92

600000

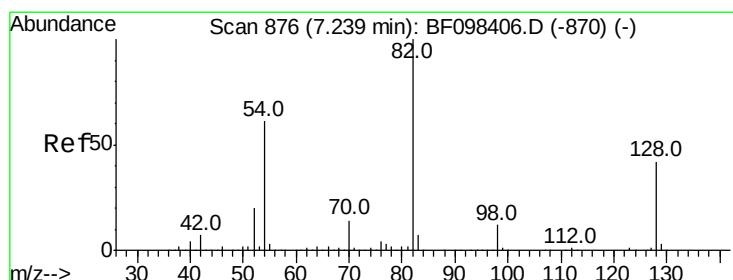
400000

200000

0

7.90 8.00 8.10

Time-->



#23

Nitrobenzene-d5

Concen: 64.462 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF098632.D

Acq: 19 Sep 2017 5:58

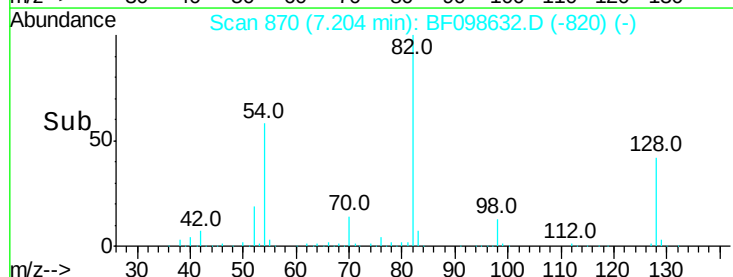
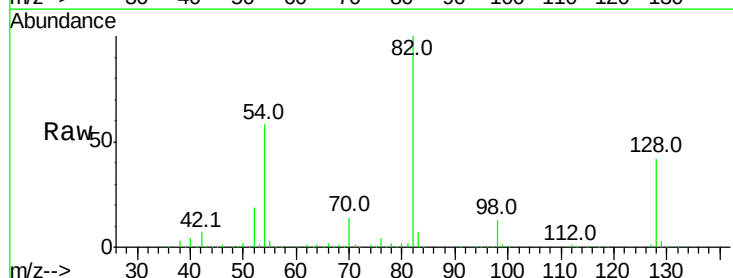
Tgt Ion: 82 Resp: 574881

Ion Ratio Lower Upper

82 100

128 42.0 34.0 51.0

54 58.4 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

7.20

800000

600000

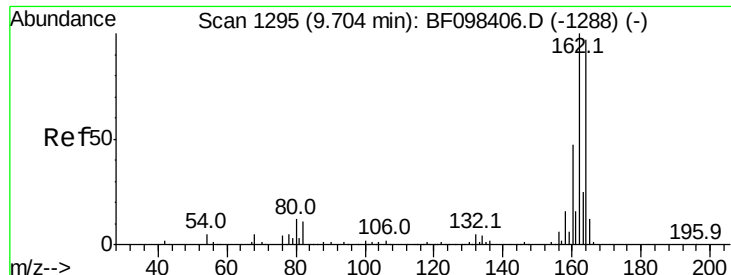
400000

200000

0

7.20 7.30

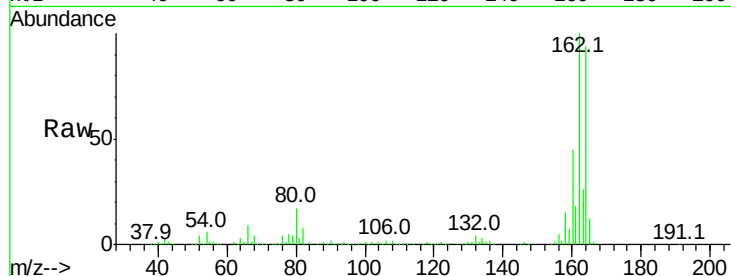
Time-->



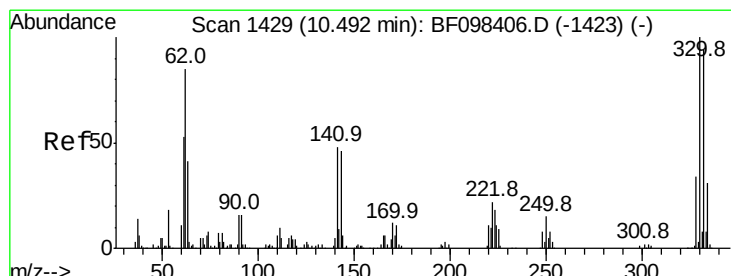
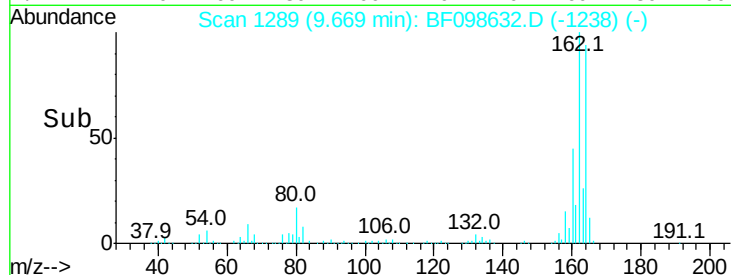
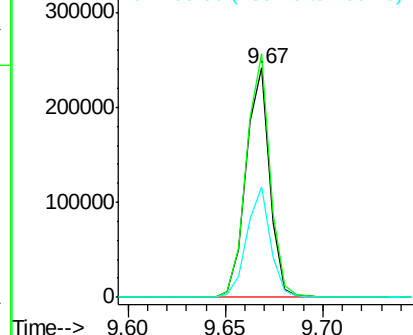
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Instrument :
BNA_F
ClientSampleId :
TP-25D46

Tot Ion:164 Resp: 202785
Ion Ratio Lower Upper
164 100
162 106.3 82.6 123.8
160 48.1 36.2 54.2

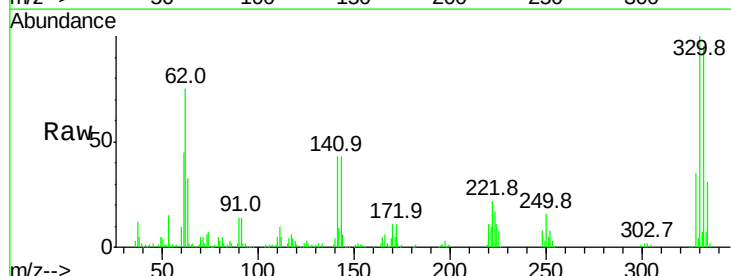


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

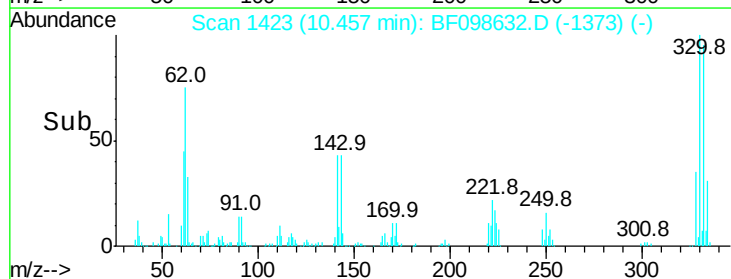
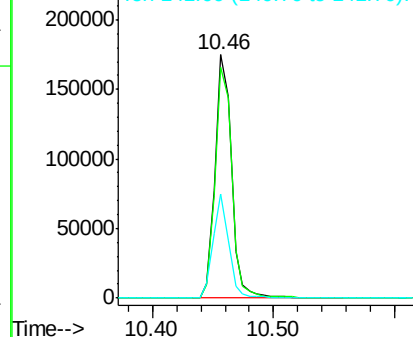


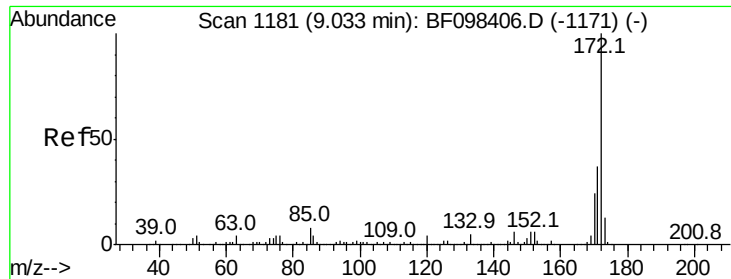
#41
2,4,6-Tribromophenol
Concen: 121.995 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Tgt Ion:330 Resp: 165111
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 40.9 31.4 47.2



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

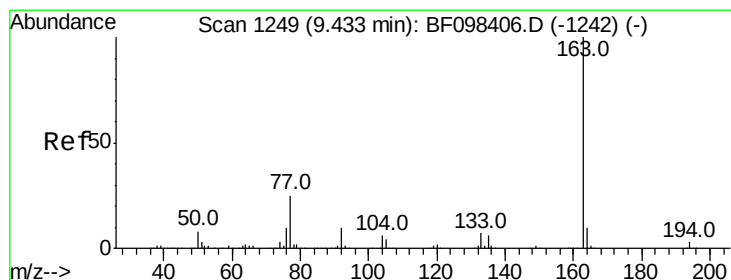
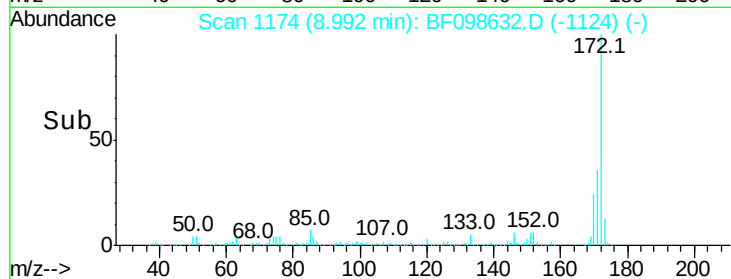
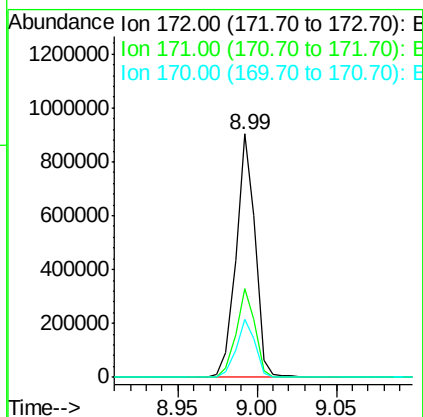
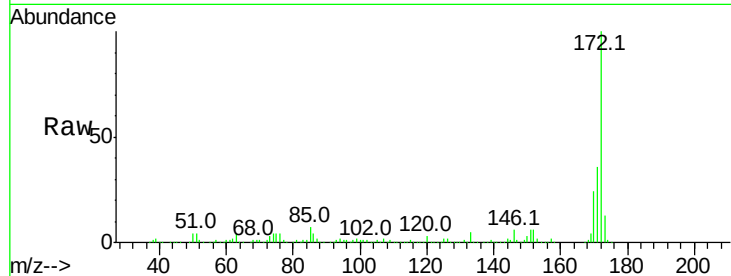




#44
2-Fluorobiphenyl
Concen: 62.834 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

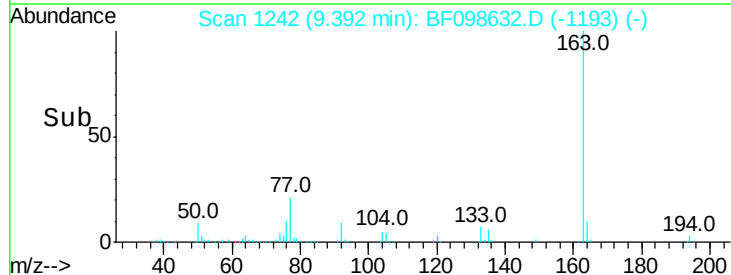
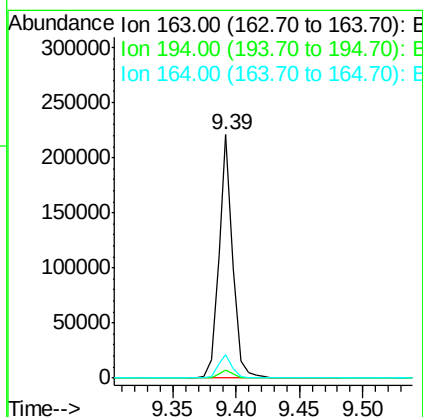
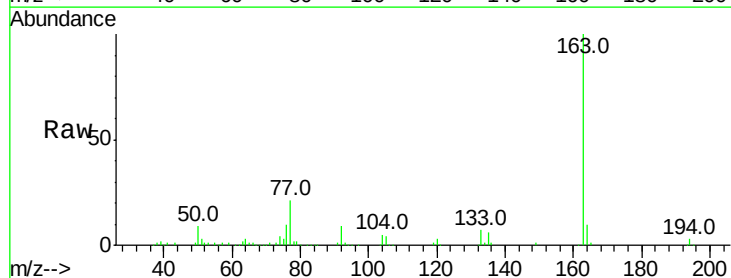
Instrument :
BNA_F
ClientSampleId :
TP-25D46

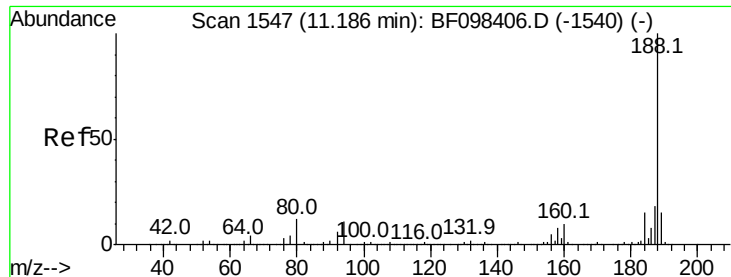
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.0	19.8	29.8



#49
Dimethylphthalate
Concen: 10.742 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF098632.D
Acq: 19 Sep 2017 5:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.6	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BF098632.D

Acq: 19 Sep 2017 5:58

Instrument :

BNA_F

ClientSampleId :

TP-25D46

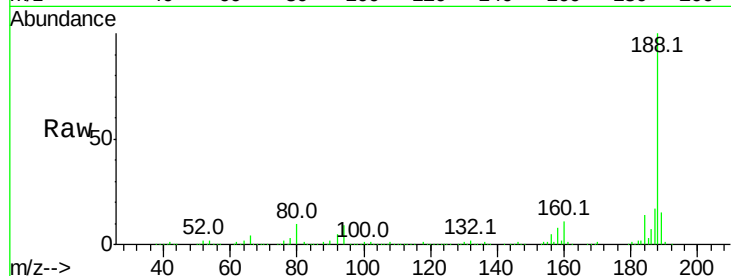
Tot Ion:188 Resp: 367016

Ion Ratio Lower Upper

188 100

94 9.2 9.4 14.2#

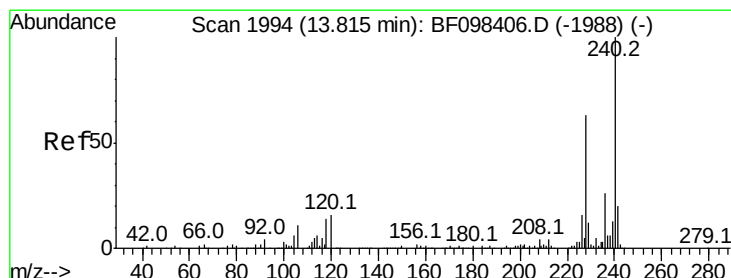
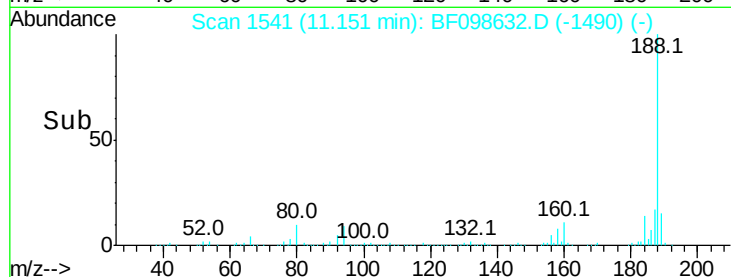
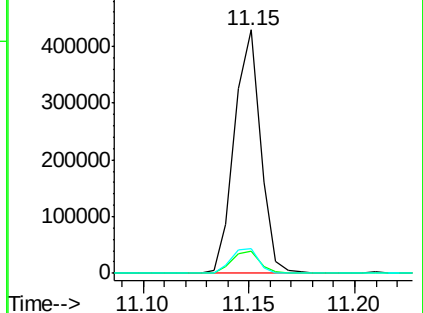
80 10.0 10.2 15.2#



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: 20.000 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF098632.D

Acq: 19 Sep 2017 5:58

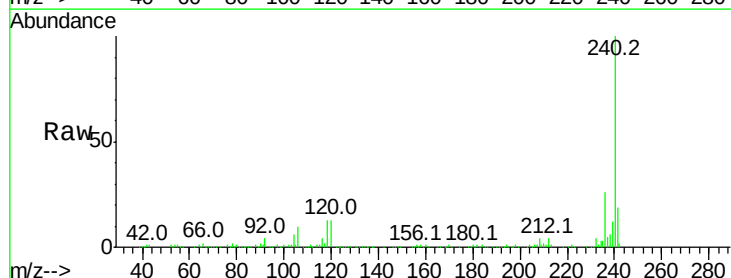
Tgt Ion:240 Resp: 258668

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

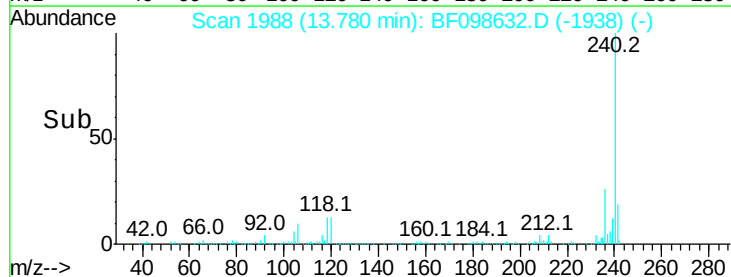
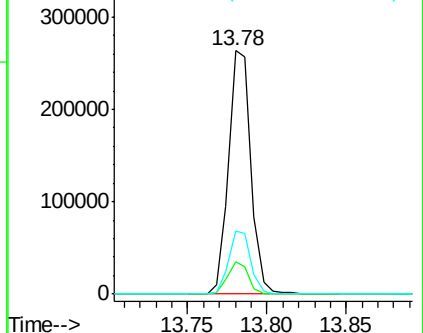
236 26.0 20.5 30.7

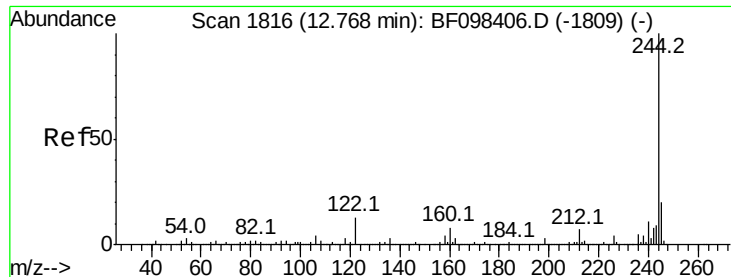


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 47.486 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF098632.D

Acq: 19 Sep 2017 5:58

Instrument :

BNA_F

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TP-25D46

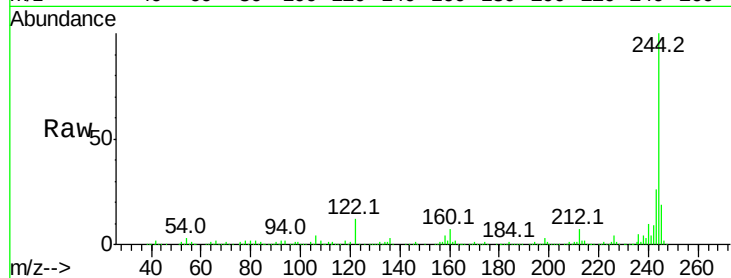
Tot Ion:244 Resp: 569062

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

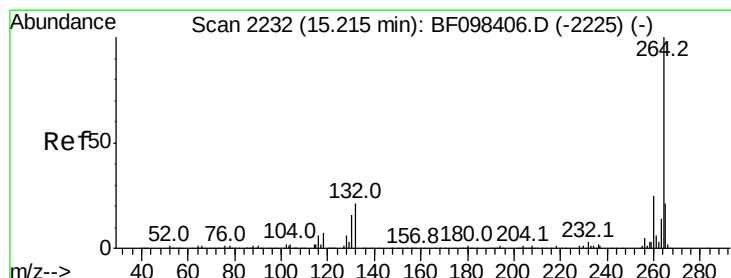
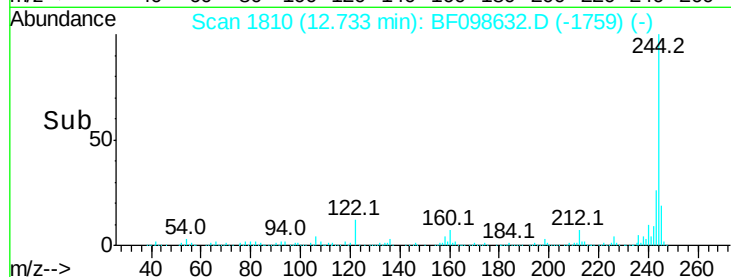
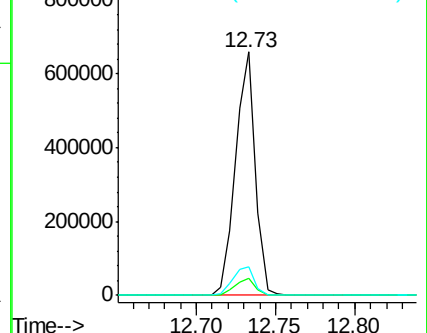
122 11.7 10.3 15.5



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: 20.000 ng

RT: 15.18 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF098632.D

Acq: 19 Sep 2017 5:58

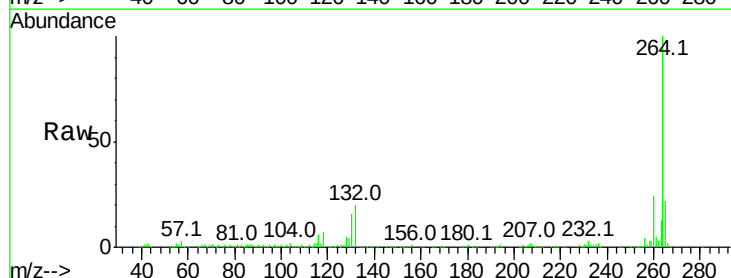
Tgt Ion:264 Resp: 256085

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.9 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

