

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094786.D
 Acq On : 2 May 2017 8:40
 Operator : SJ/MA
 Sample : I2892-02
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AST-W(2-2.5)

Quant Time: May 02 18:59:36 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

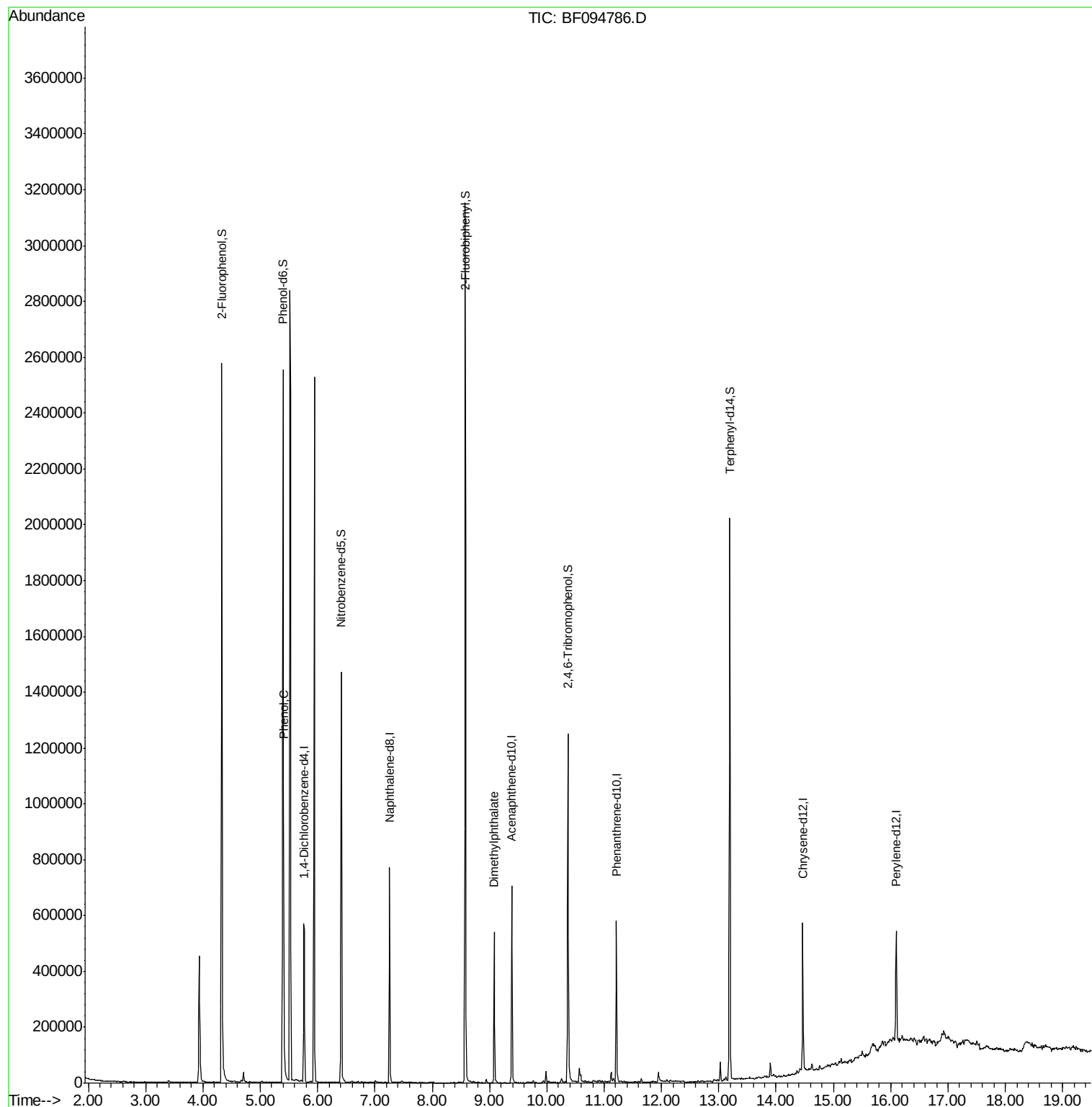
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	96828	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	368230	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	154284	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	231863	20.00	ng	0.00
75) Chrysene-d12	14.47	240	199969	20.00	ng	0.00
86) Perylene-d12	16.09	264	157773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	877731	150.39	ng	0.03
7) Phenol-d6	5.40	99	1060046	154.07	ng	0.00
23) Nitrobenzene-d5	6.41	82	587848	98.58	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	174948	144.97	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1089395	103.89	ng	0.00
78) Terphenyl-d14	13.20	244	748519	100.05	ng	0.00
Target Compounds						
10) Phenol	5.41	94	24921	2.95	ng	96
49) Dimethylphthalate	9.08	163	252751	21.98	ng	99

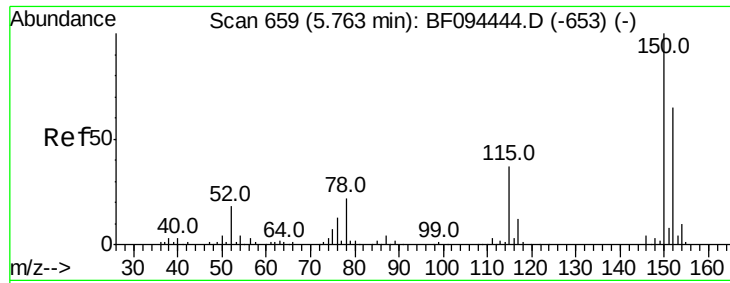
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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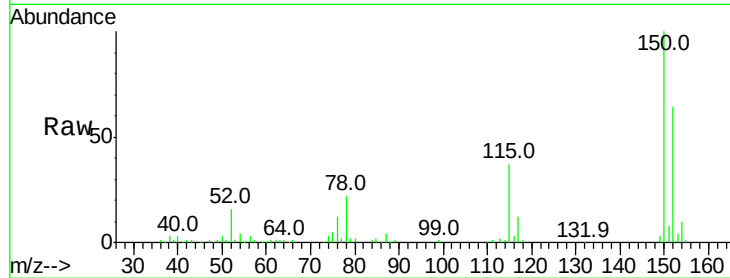


#1

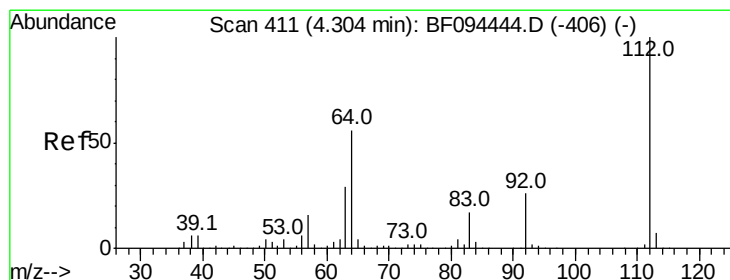
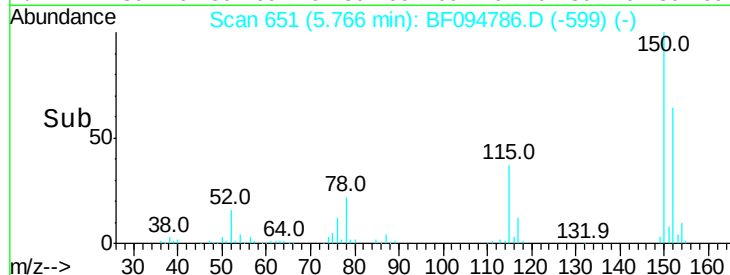
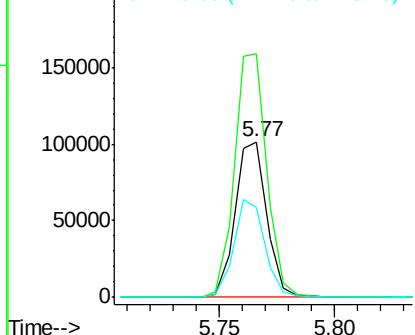
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094786.D
Acq: 2 May 2017 8:40

Instrument :
BNA_F
ClientSampleId :
AST-W(2-2.5)

Tot Ion:152 Resp: 96828
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 57.5 52.2 78.2



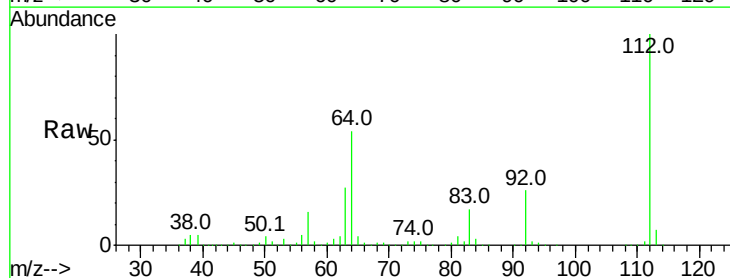
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



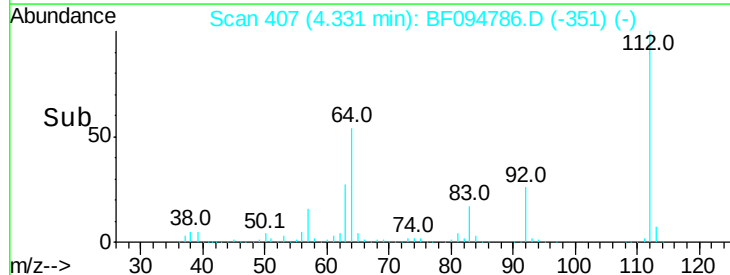
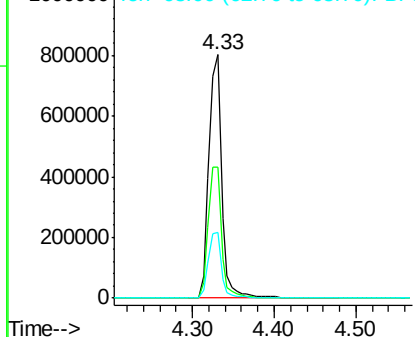
#5

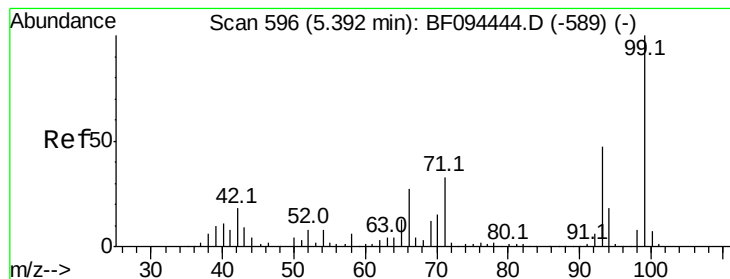
2-Fluorophenol
Concen: 150.39 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094786.D
Acq: 2 May 2017 8:40

Tgt Ion:112 Resp: 877731
Ion Ratio Lower Upper
112 100
64 53.8 46.0 69.0
63 26.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 154.07 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094786.D

Acq: 2 May 2017 8:40

Instrument :

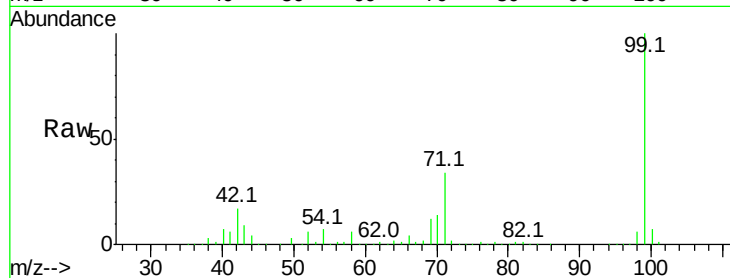
BNA_F

ClientSampleId :

AST-W(2-2.5)

Tot Ion: 99 Resp: 1060046

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	33.5	24.5	36.7

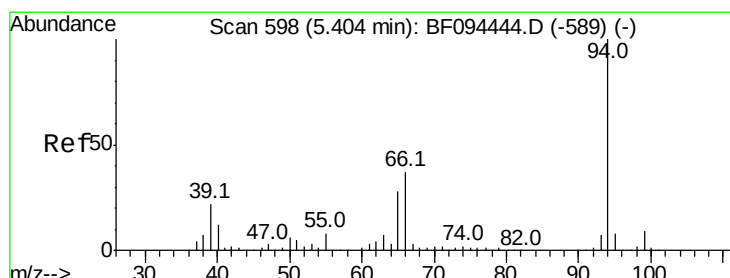
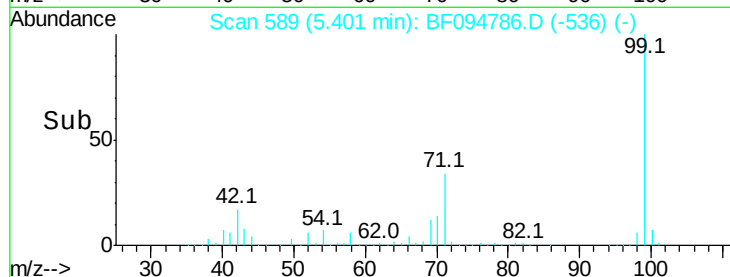
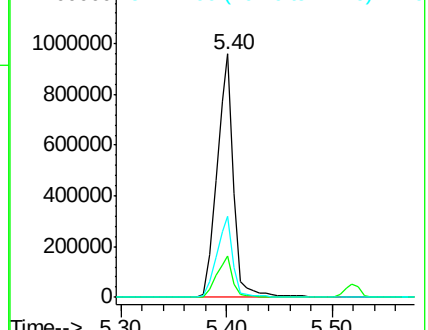


Abundance

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: 2.95 ng

RT: 5.41 min Scan# 591

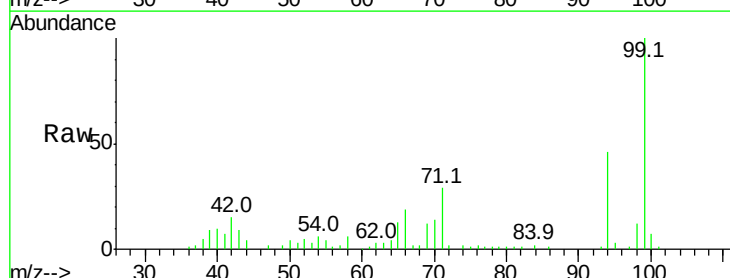
Delta R.T. 0.01 min

Lab File: BF094786.D

Acq: 2 May 2017 8:40

Tgt Ion: 94 Resp: 24921

Ion	Ratio	Lower	Upper
94	100		
65	27.4	9.9	49.9
66	40.6	23.1	63.1

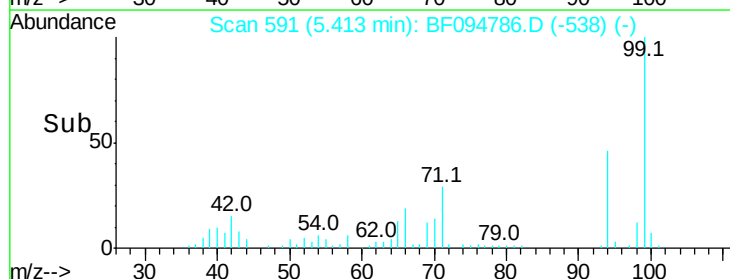
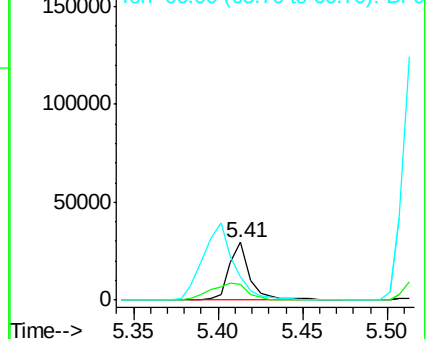


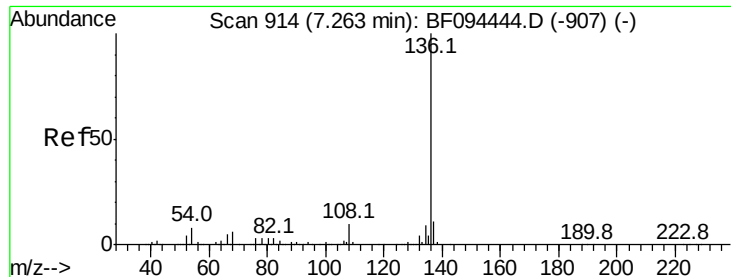
Abundance

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: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094786.D

Acq: 2 May 2017 8:40

Instrument :

BNA_F

ClientSampleId :

AST-W(2-2.5)

Tot Ion:136 Resp: 368230

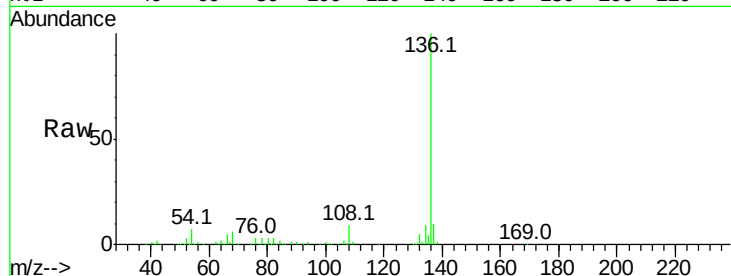
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.5 4.9 7.3

68 5.7 4.1 6.1

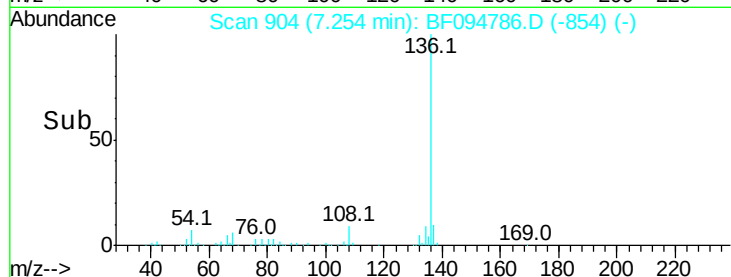


Abundance Ion 136.00 (135.70 to 136.70): E

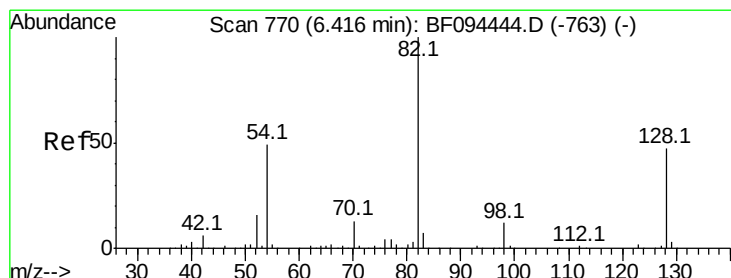
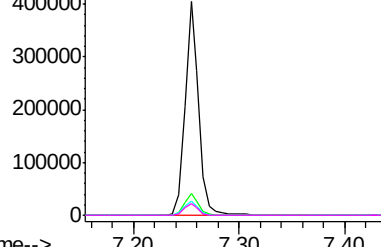
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 98.58 ng

RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094786.D

Acq: 2 May 2017 8:40

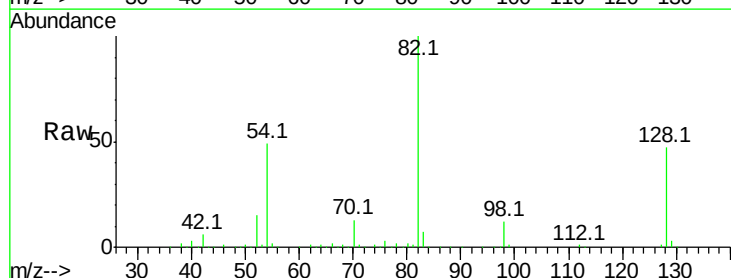
Tgt Ion: 82 Resp: 587848

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

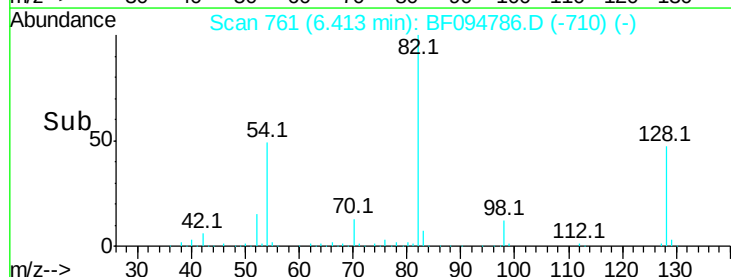
54 48.9 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

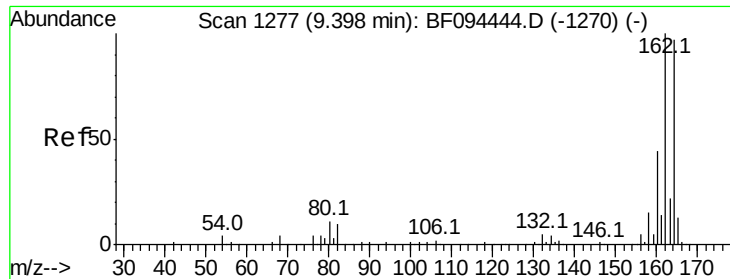
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094786.D

Acq: 2 May 2017 8:40

Instrument :

BNA_F

ClientSampleId :

AST-W(2-2.5)

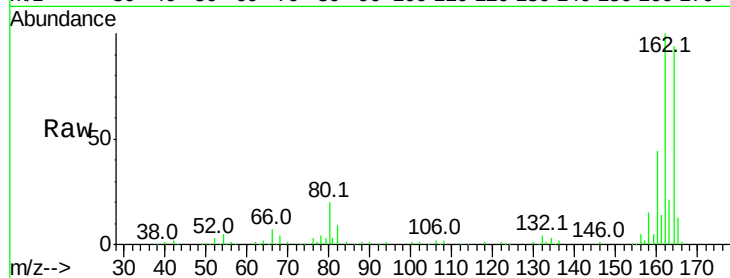
Tot Ion:164 Resp: 154284

Ion Ratio Lower Upper

164 100

162 106.7 82.6 123.8

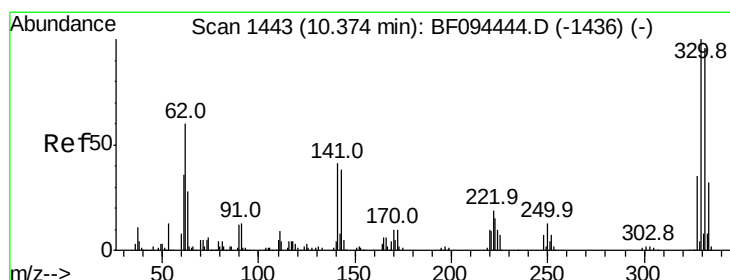
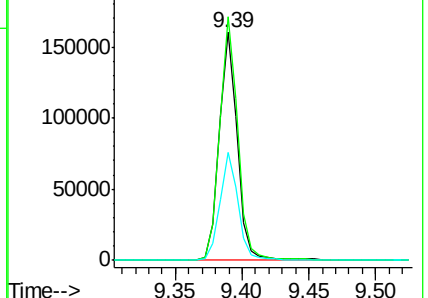
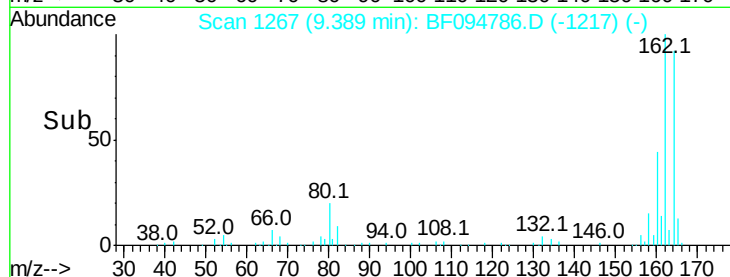
160 47.2 36.2 54.2



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: 144.97 ng

RT: 10.37 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF094786.D

Acq: 2 May 2017 8:40

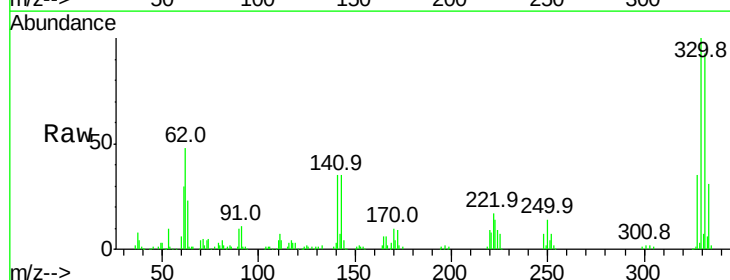
Tgt Ion:330 Resp: 174948

Ion Ratio Lower Upper

330 100

332 94.4 76.6 115.0

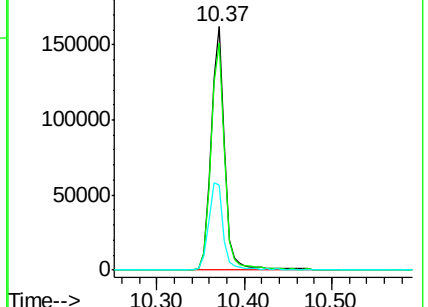
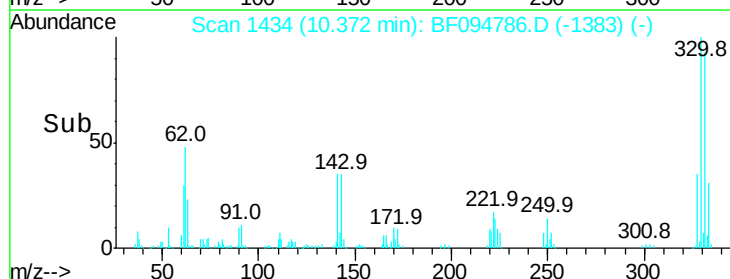
141 39.1 31.4 47.2

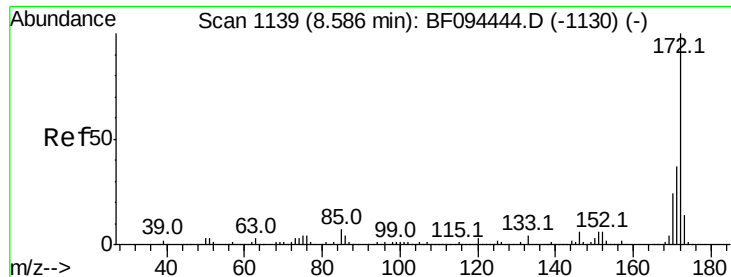


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



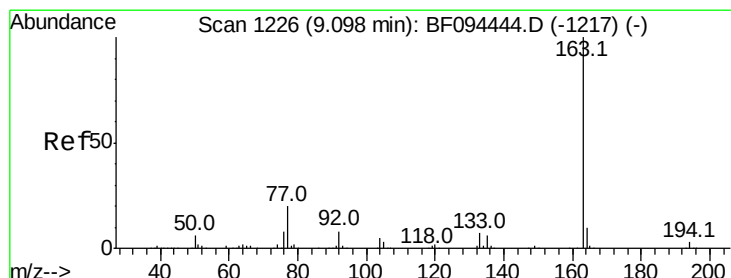
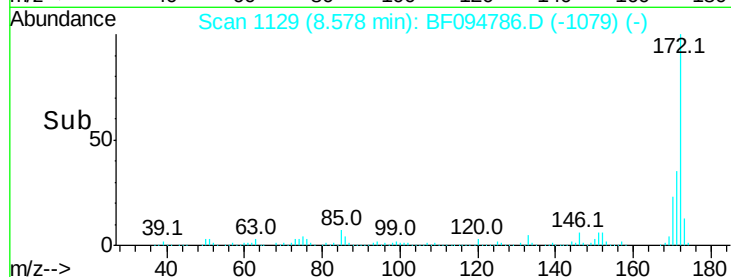
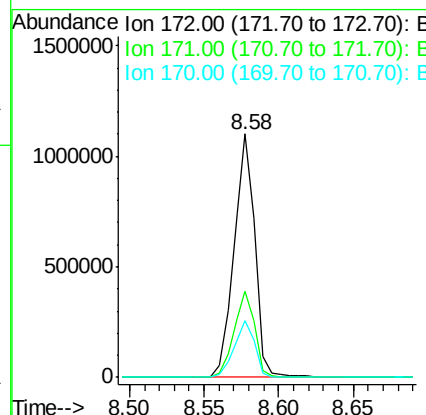
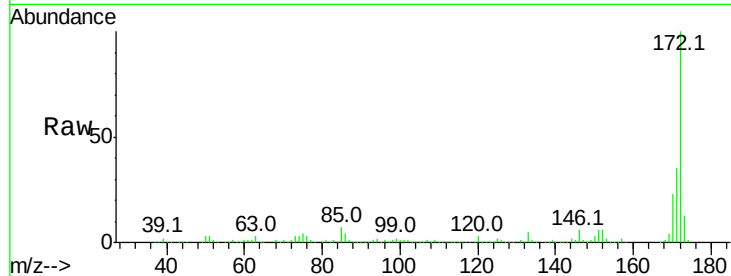


#44
2-Fluorobiphenyl
Concen: 103.89 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094786.D
Acq: 2 May 2017 8:40

Instrument :
BNA_F
ClientSampleId :
AST-W(2-2.5)

Tot Ion:172 Resp: 1089395

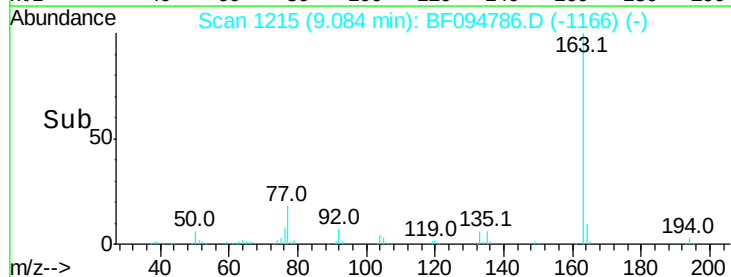
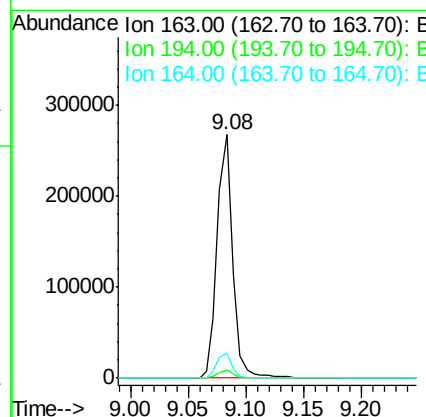
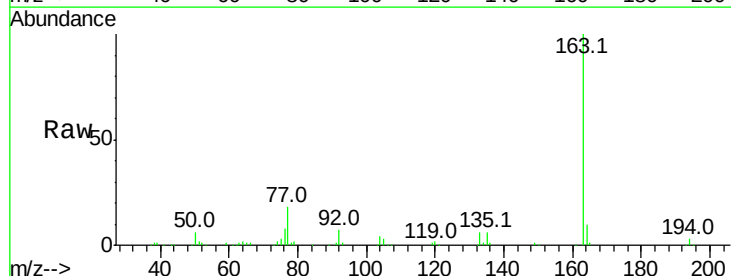
Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.3	19.8	29.8

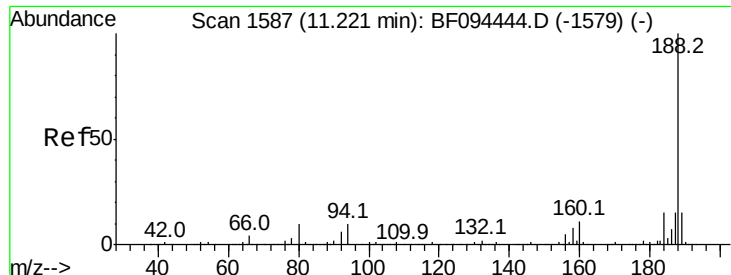


#49
Dimethylphthalate
Concen: 21.98 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094786.D
Acq: 2 May 2017 8:40

Tgt Ion:163 Resp: 252751

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.1	8.4	12.6

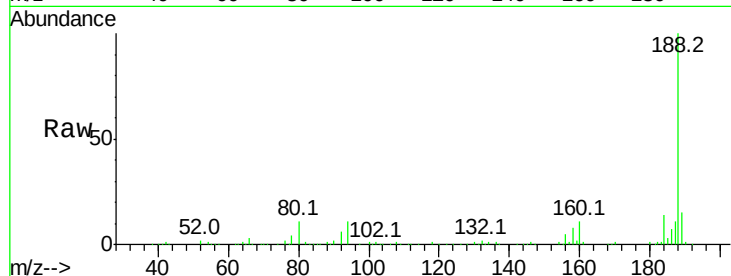




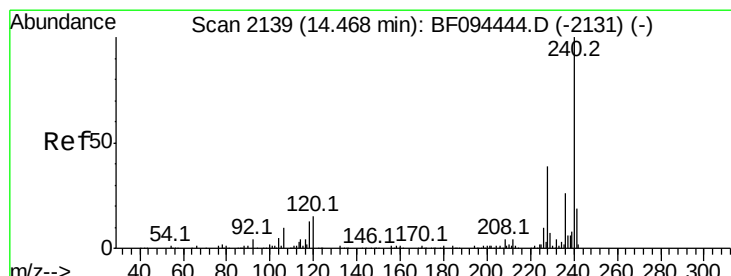
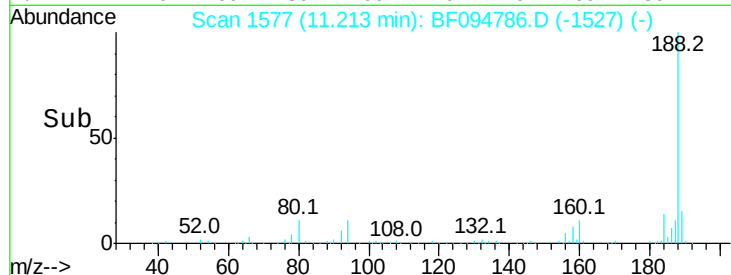
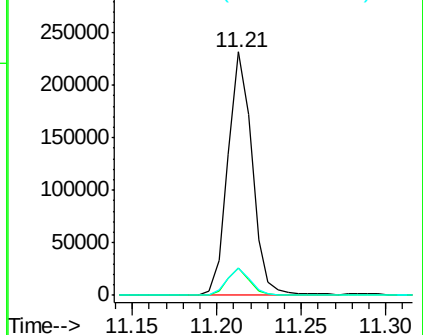
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094786.D
Acq: 2 May 2017 8:40

Instrument :
BNA_F
ClientSampleId :
AST-W(2-2.5)

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	11.3	10.2	15.2

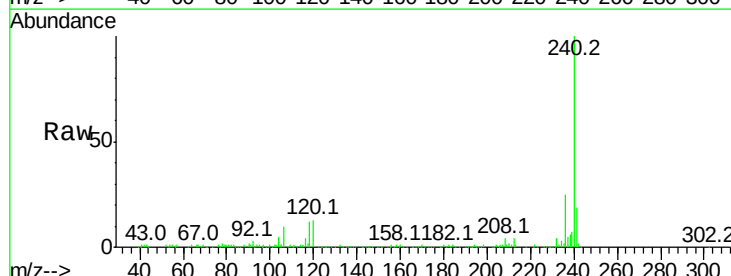


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

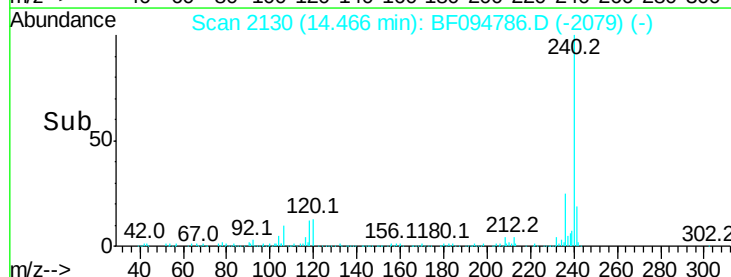
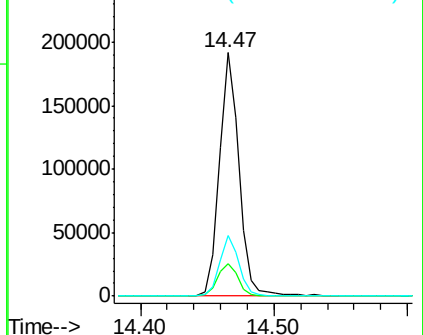


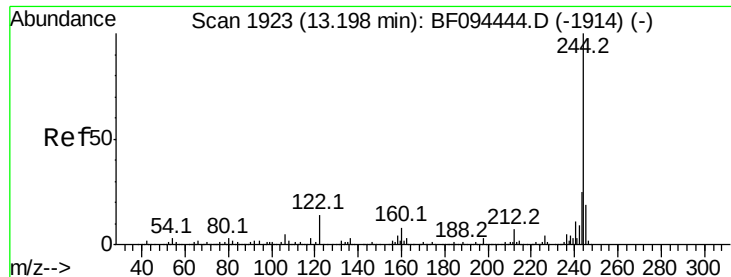
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094786.D
Acq: 2 May 2017 8:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	24.8	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: 100.05 ng

RT: 13.20 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094786.D

Acq: 2 May 2017 8:40

Instrument :

BNA_F

ClientSampleId :

AST-W(2-2.5)

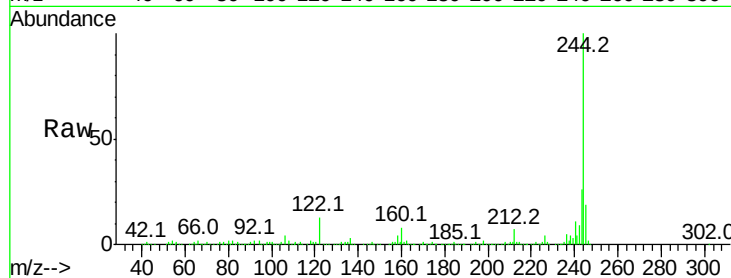
Tot Ion:244 Resp: 748519

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

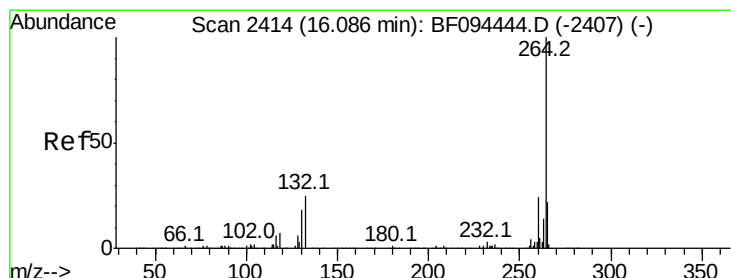
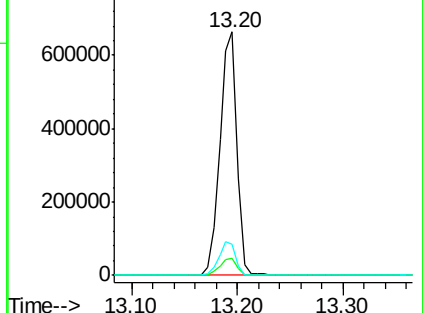
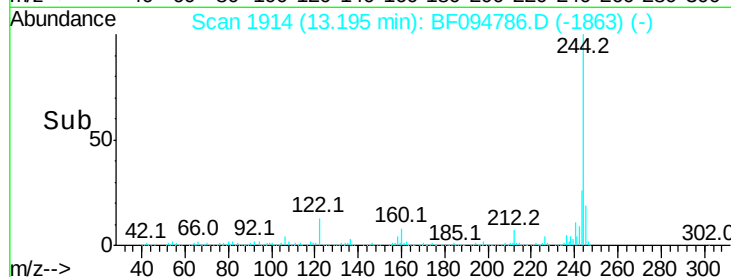
122 12.9 10.3 15.5



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: BF094786.D

Acq: 2 May 2017 8:40

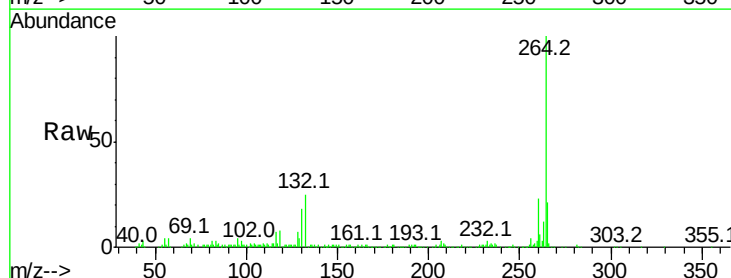
Tgt Ion:264 Resp: 157773

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 20.9 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

