

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092163.D
 Acq On : 10 Jan 2017 2:51
 Operator : UM/SJ
 Sample : I1055-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Quant Time: Jan 10 04:09:51 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

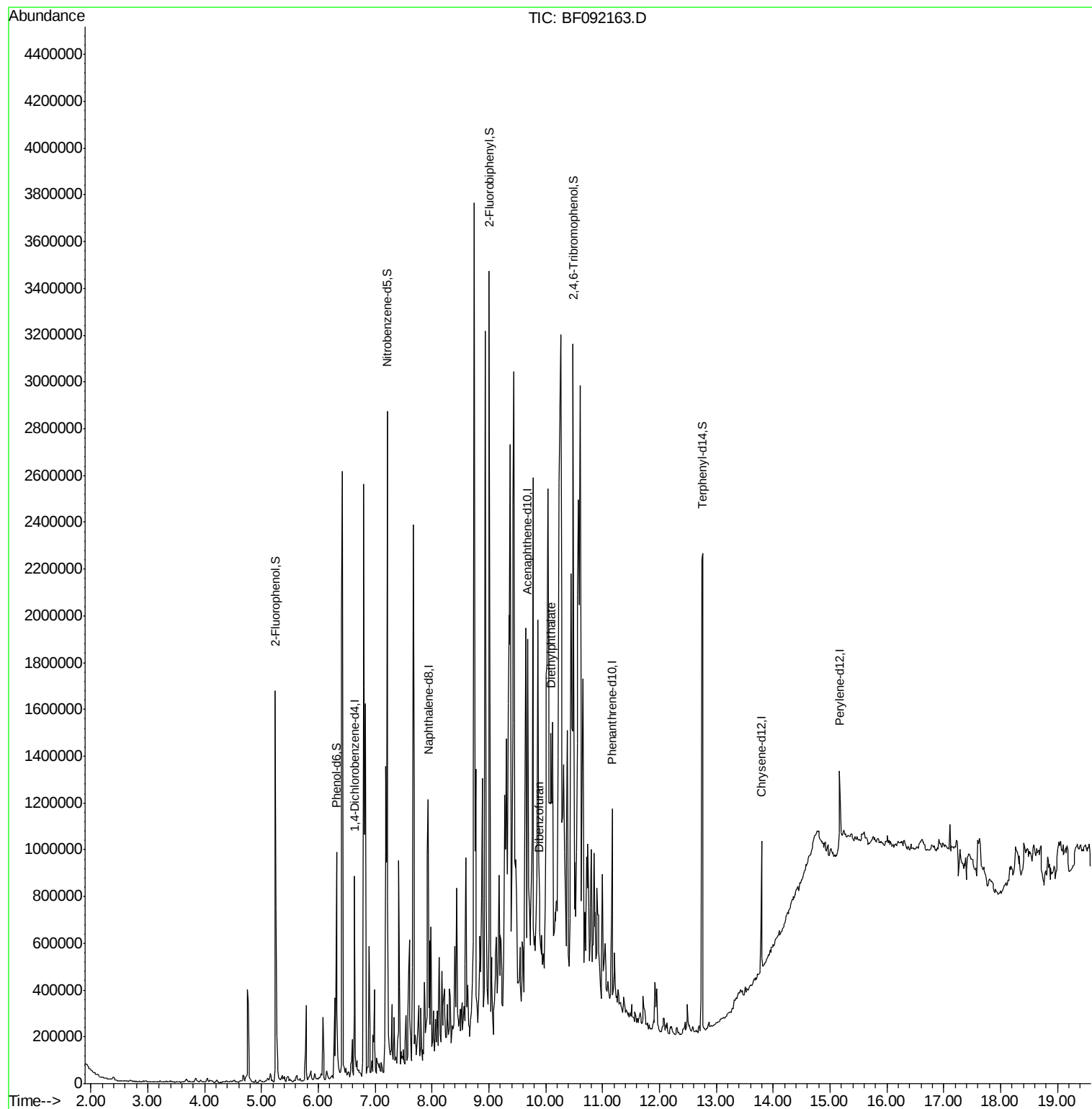
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	132120	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	486898	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	221697	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	348418	20.00	ng	0.01
75) Chrysene-d12	13.80	240	203775	20.00	ng	0.01
86) Perylene-d12	15.17	264	158406	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	554980	70.14	ng	0.01
7) Phenol-d6	6.32	99	439150	45.46	ng	0.01
23) Nitrobenzene-d5	7.21	82	709078	80.98	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	249780	136.14	ng	0.01
44) 2-Fluorobiphenyl	9.01	172	1184531	113.85	ng	0.00
78) Terphenyl-d14	12.76	244	1012314	120.48	ng	0.01
Target Compounds						
54) Dibenzofuran	9.89	168	34220	2.02	ng	# 89
59) Diethylphthalate	10.09	149	294746	21.40	ng	# 53

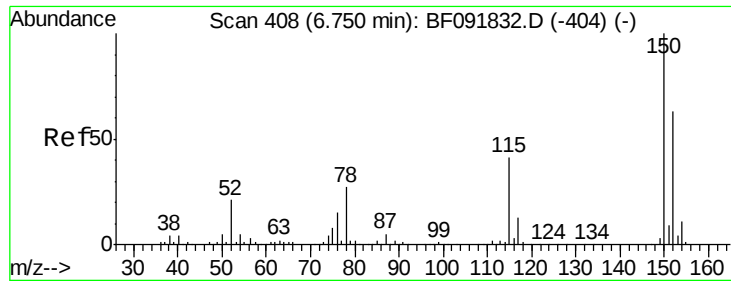
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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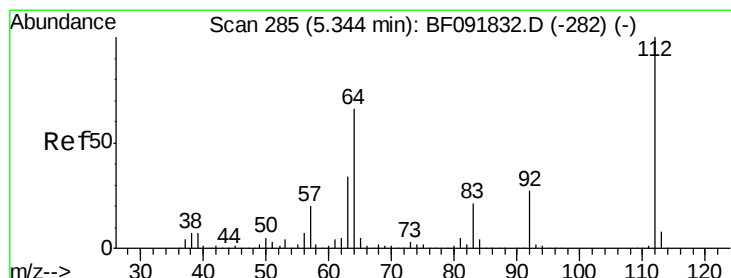
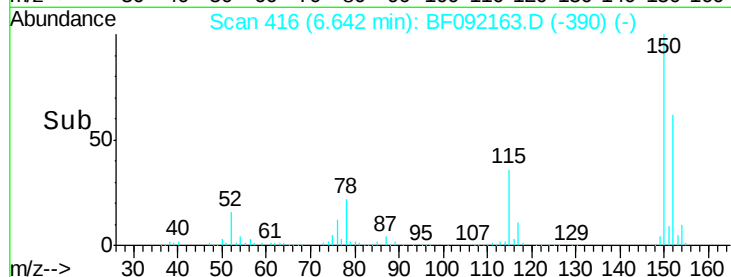
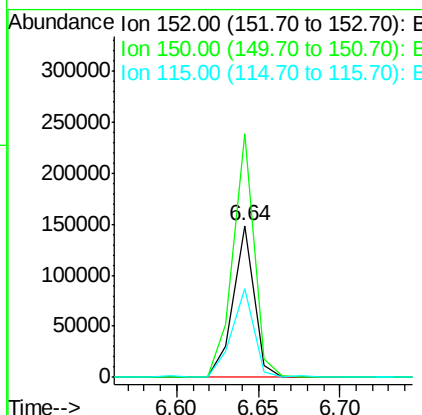
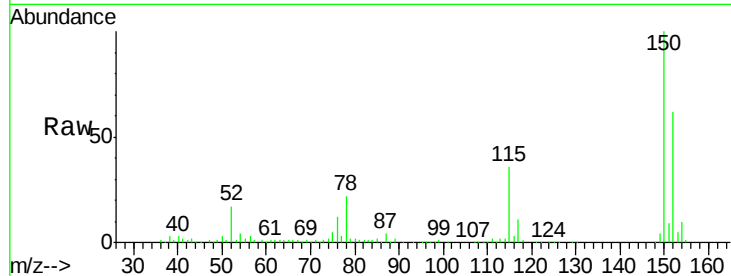




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF092163.D
 Acq: 10 Jan 2017 2:51

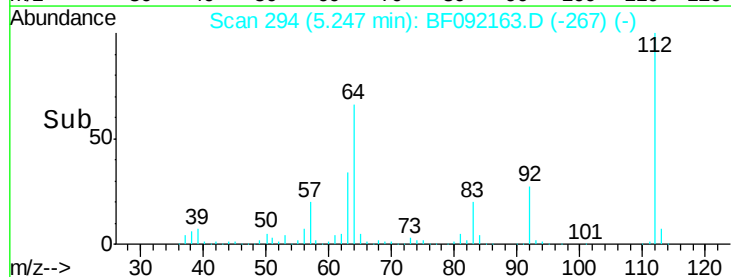
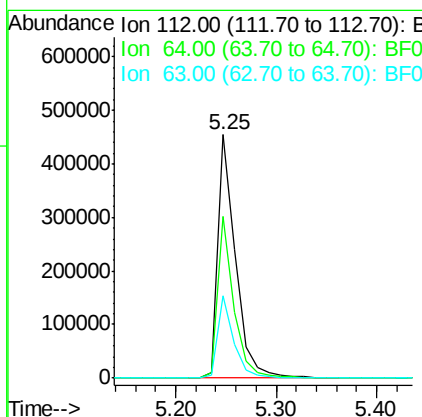
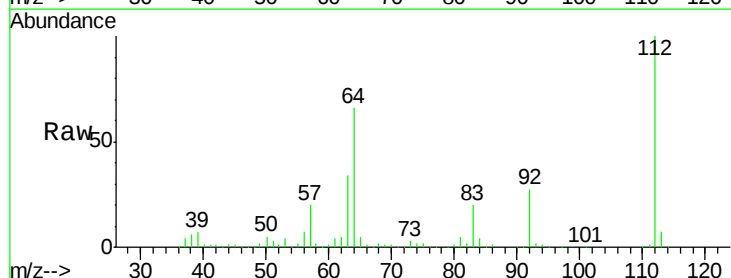
Instrument :
 BNA_F
 ClientSampled :
 W-12

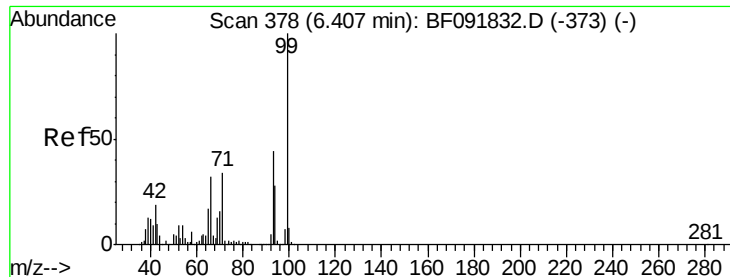
Tgt Ion:152 Resp: 132120
 Ion Ratio Lower Upper
 152 100
 150 160.4 124.9 187.3
 115 58.2 46.0 69.0



#5
 2-Fluorophenol
 Concen: 70.14 ng
 RT: 5.25 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: BF092163.D
 Acq: 10 Jan 2017 2:51

Tgt Ion:112 Resp: 554980
 Ion Ratio Lower Upper
 112 100
 64 66.4 46.1 69.1
 63 33.9 23.8 35.6





#7

Phenol-d6

Concen: 45.46 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092163.D

Acq: 10 Jan 2017 2:51

Instrument :

BNA_F

ClientSampleId :

W-12

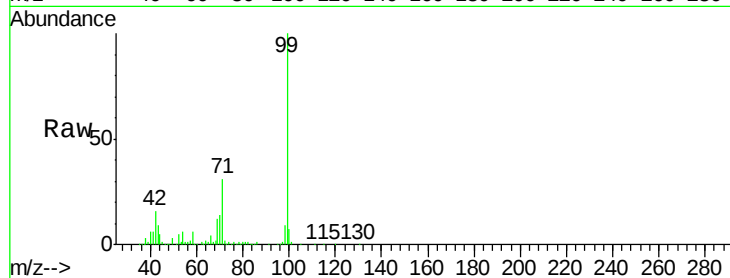
Tgt Ion: 99 Resp: 439150

Ion Ratio Lower Upper

99 100

42 15.8 15.6 23.4

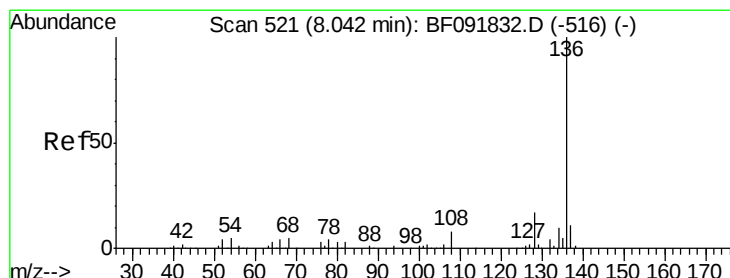
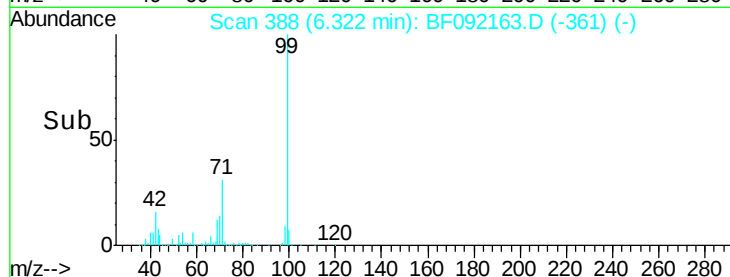
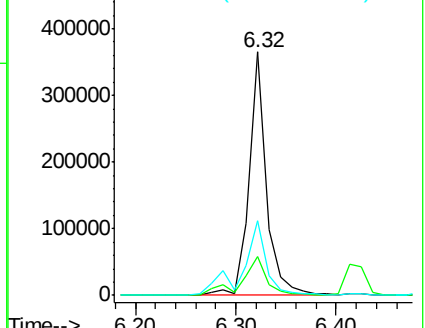
71 30.9 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF092163.D

Acq: 10 Jan 2017 2:51

Tgt Ion: 136 Resp: 486898

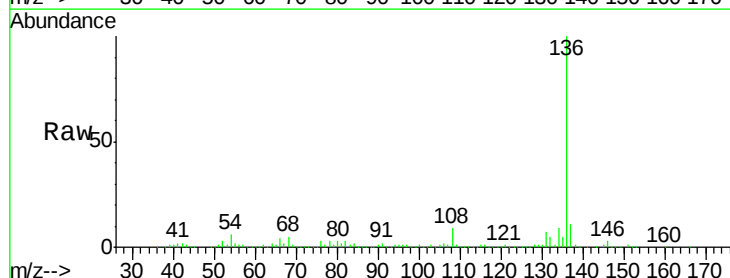
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 6.2 4.5 6.7

68 5.2 3.6 5.4

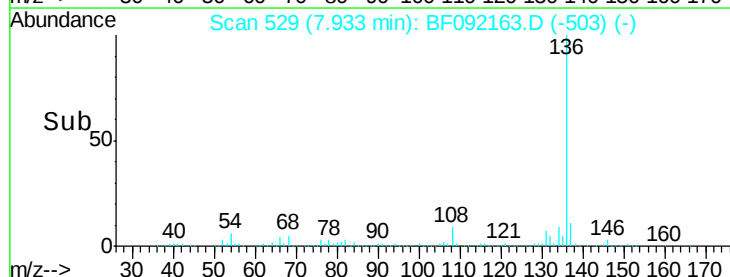
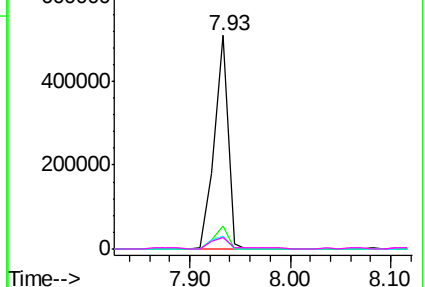


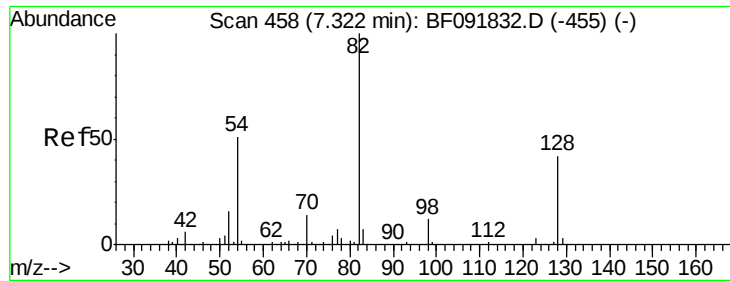
Abundance Ion 136.00 (135.70 to 136.70): E

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

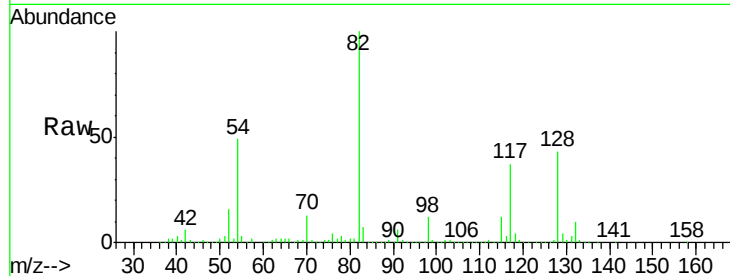




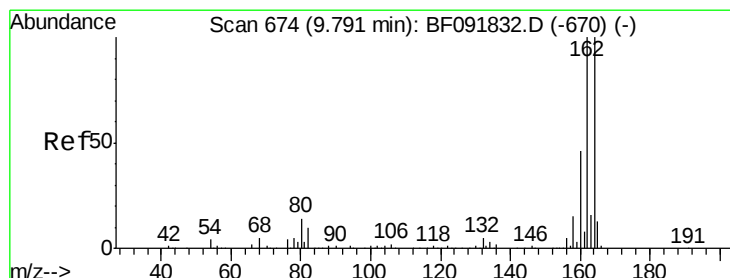
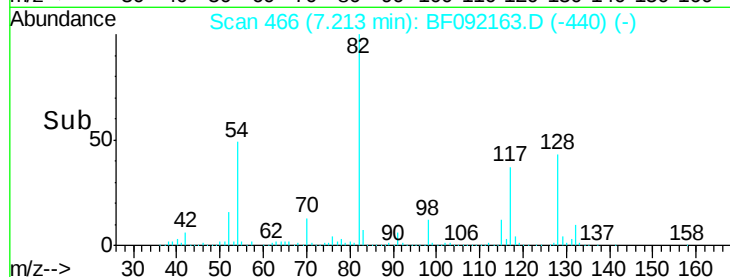
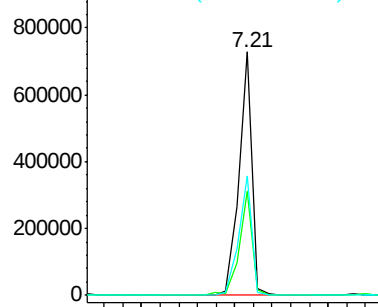
#23
 Nitrobenzene-d5
 Concen: 80.98 ng
 RT: 7.21 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF092163.D
 Acq: 10 Jan 2017 2:51

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	49.3	39.5	59.3

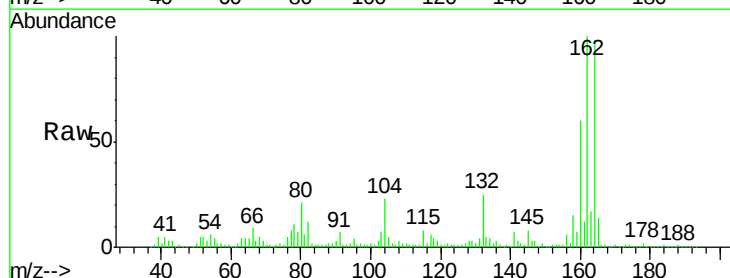


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

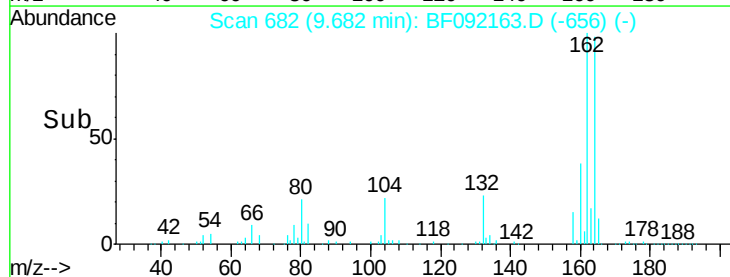
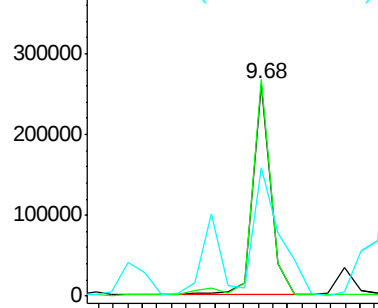


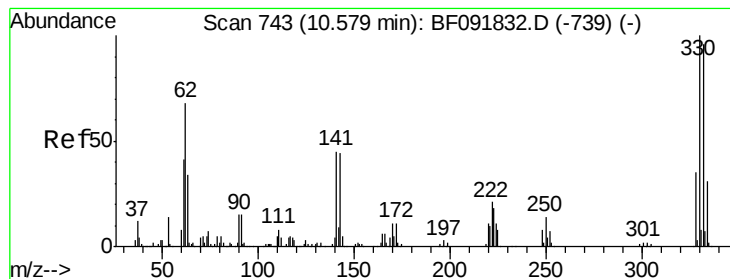
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF092163.D
 Acq: 10 Jan 2017 2:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.2	120.2
160	60.8	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

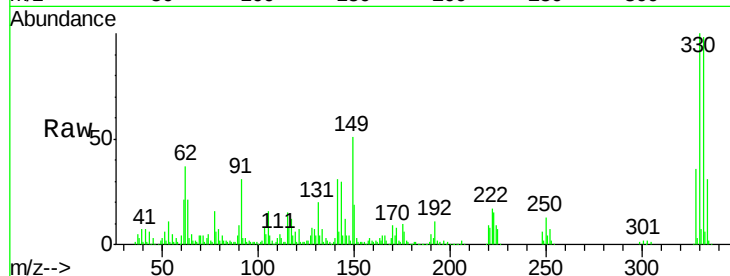




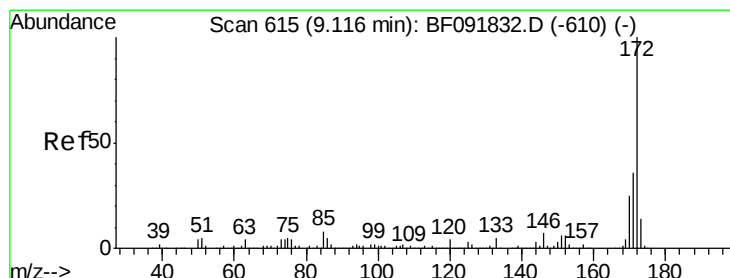
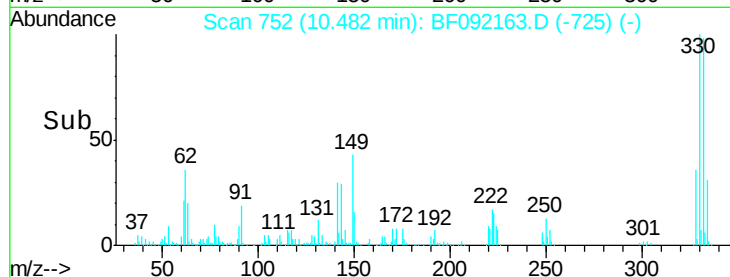
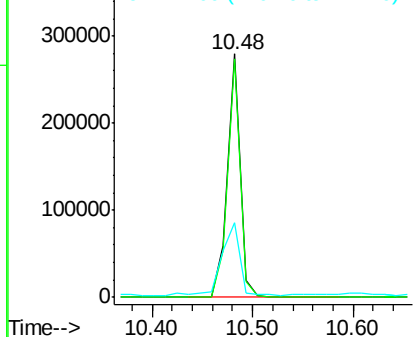
#41
 2,4,6-Tribromophenol
 Concen: 136.14 ng
 RT: 10.48 min Scan# 752
 Delta R.T. 0.01 min
 Lab File: BF092163.D
 Acq: 10 Jan 2017 2:51

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Tgt Ion:330 Resp: 249780
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 41.9 34.1 51.1

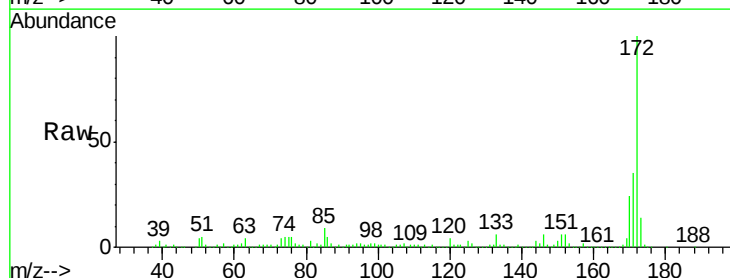


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

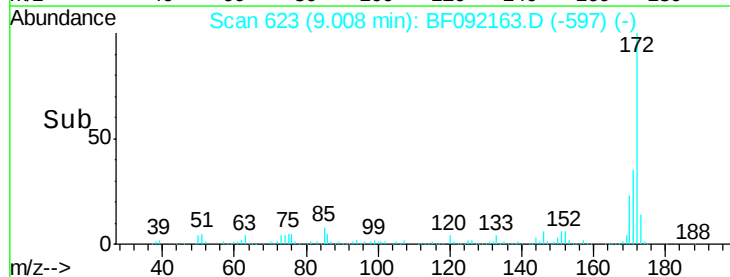
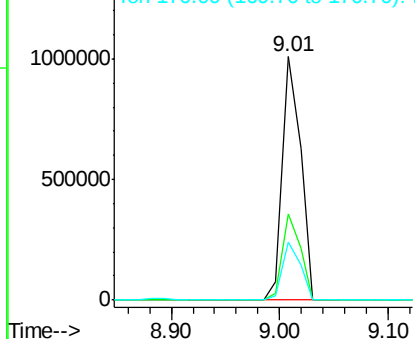


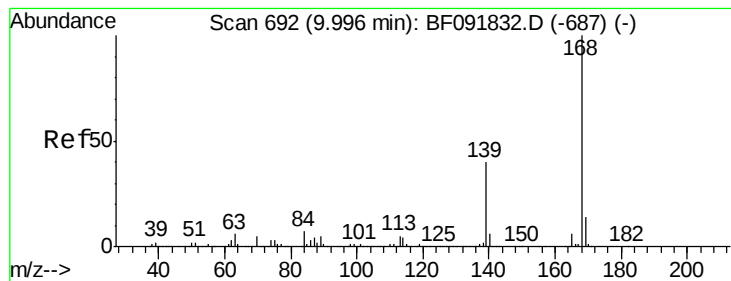
#44
 2-Fluorobiphenyl
 Concen: 113.85 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092163.D
 Acq: 10 Jan 2017 2:51

Tgt Ion:172 Resp: 1184531
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 23.8 20.2 30.4



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





#54

Dibenzofuran

Concen: 2.02 ng

RT: 9.89 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF092163.D

Acq: 10 Jan 2017 2:51

Instrument :

BNA_F

ClientSampleId :

W-12

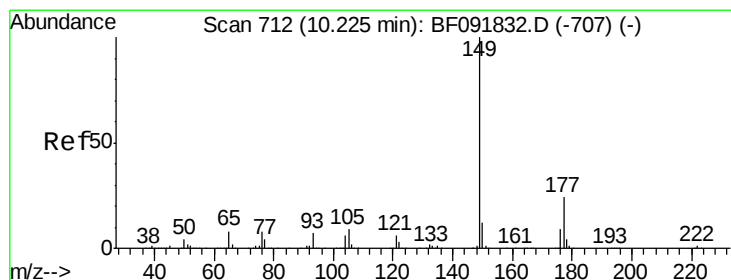
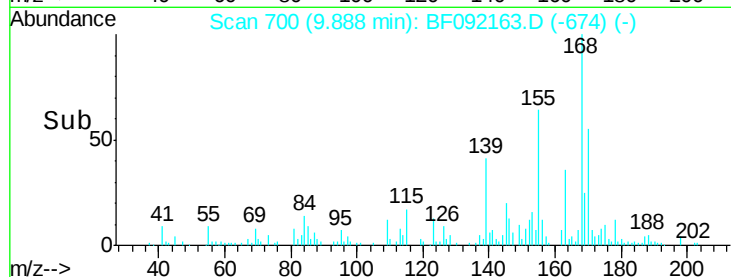
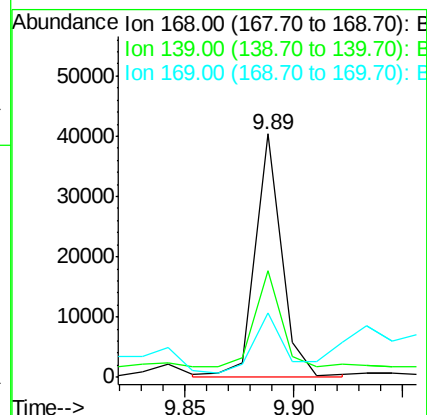
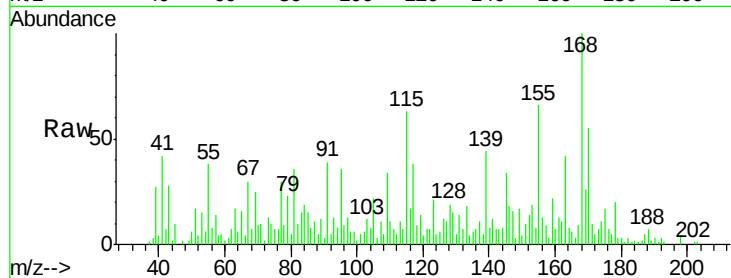
Tgt Ion:168 Resp: 34220

Ion Ratio Lower Upper

168 100

139 44.0 32.6 49.0

169 26.2 11.3 16.9#



#59

Diethylphthalate

Concen: 21.40 ng

RT: 10.09 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF092163.D

Acq: 10 Jan 2017 2:51

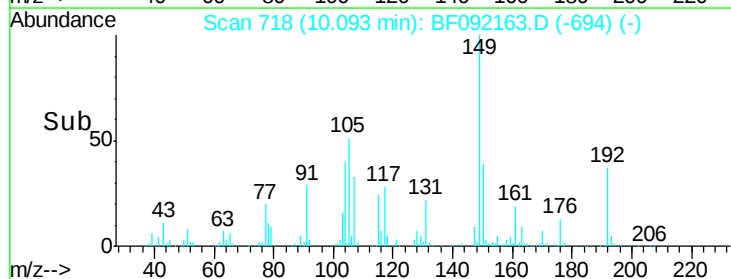
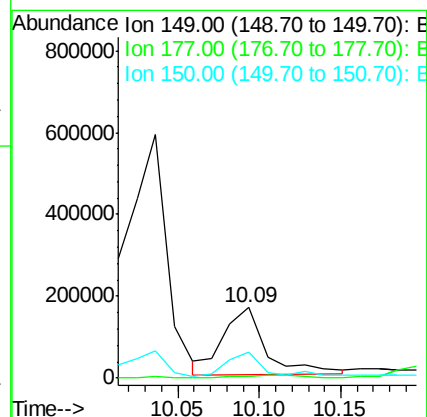
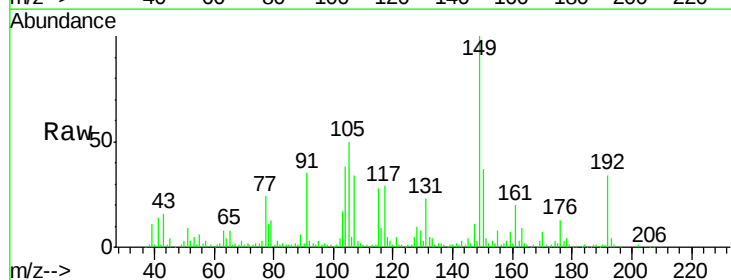
Tgt Ion:149 Resp: 294746

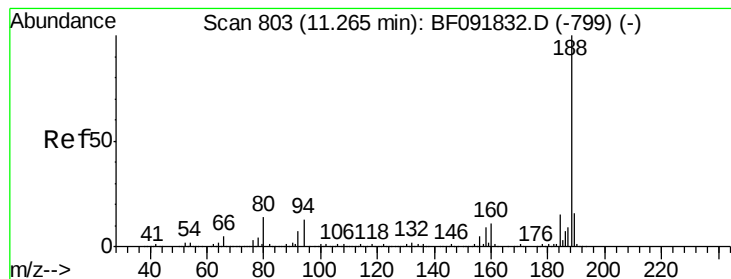
Ion Ratio Lower Upper

149 100

177 2.8 16.6 25.0#

150 36.9 10.4 15.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF092163.D

Acq: 10 Jan 2017 2:51

Instrument :

BNA_F

ClientSampleId :

W-12

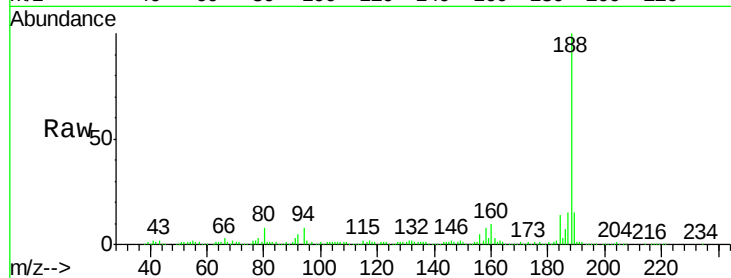
Tgt Ion:188 Resp: 348418

Ion Ratio Lower Upper

188 100

94 7.5 10.0 15.0#

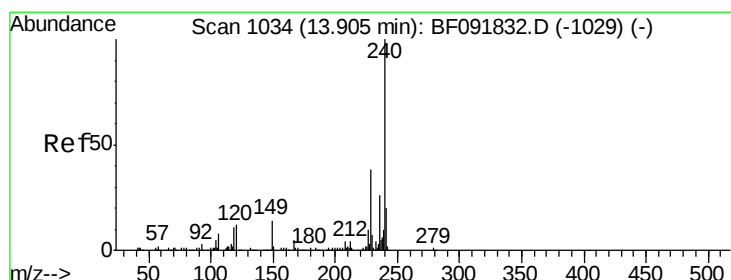
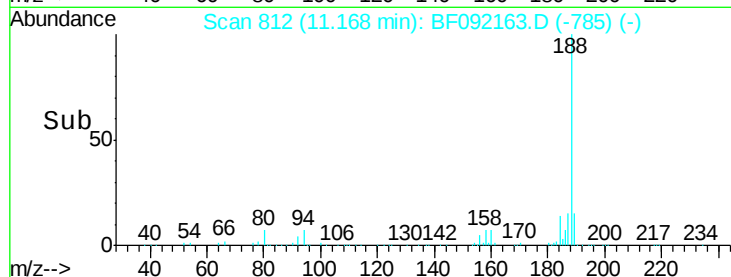
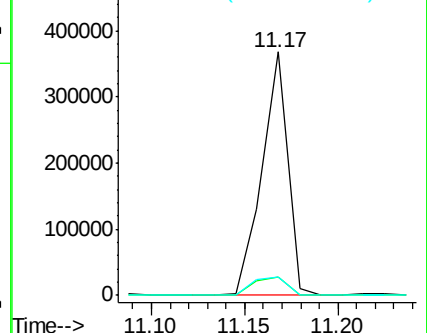
80 7.8 11.2 16.8#



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: 20.00 ng

RT: 13.80 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF092163.D

Acq: 10 Jan 2017 2:51

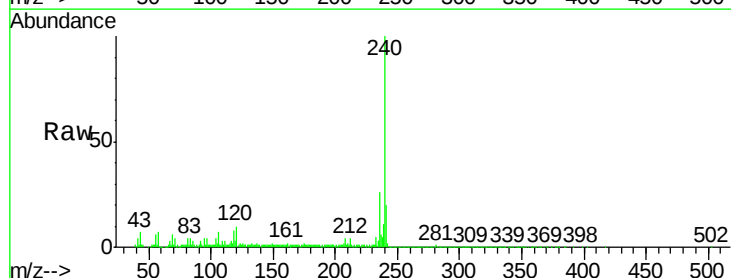
Tgt Ion:240 Resp: 203775

Ion Ratio Lower Upper

240 100

120 9.9 12.9 19.3#

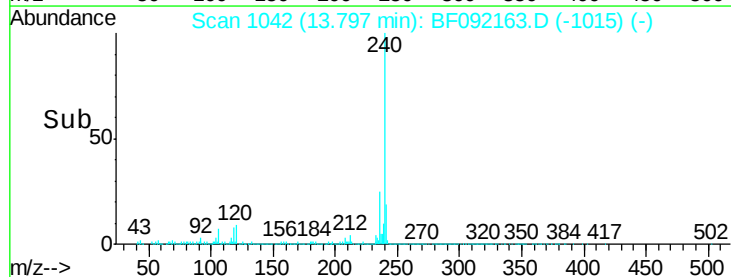
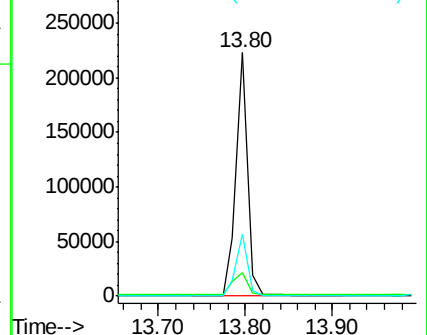
236 25.7 20.9 31.3

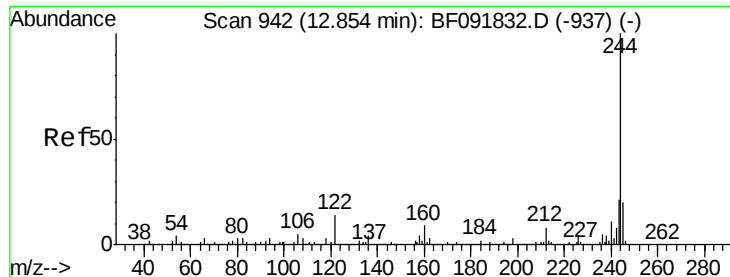


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 120.48 ng

RT: 12.76 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF092163.D

Acq: 10 Jan 2017 2:51

Instrument :

BNA_F

ClientSampled :

W-12

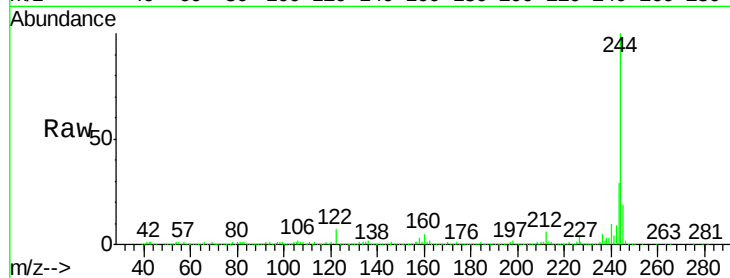
Tgt Ion:244 Resp: 1012314

Ion Ratio Lower Upper

244 100

212 6.5 6.2 9.2

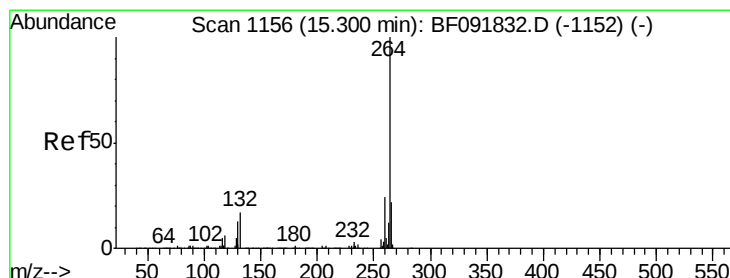
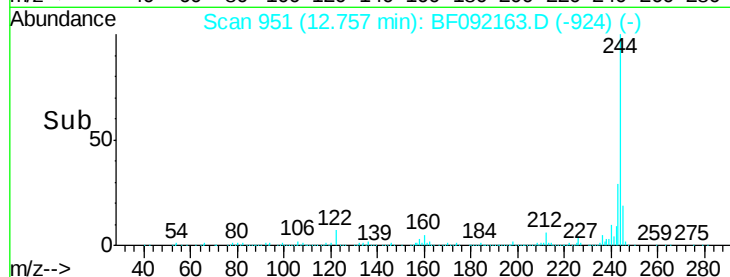
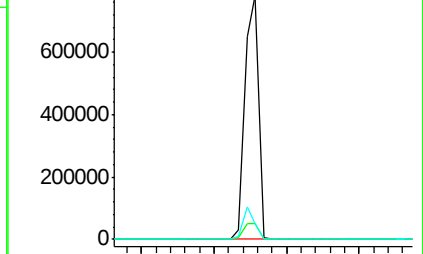
122 6.6 11.4 17.2#



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: 15.17 min Scan# 1162

Delta R.T. 0.02 min

Lab File: BF092163.D

Acq: 10 Jan 2017 2:51

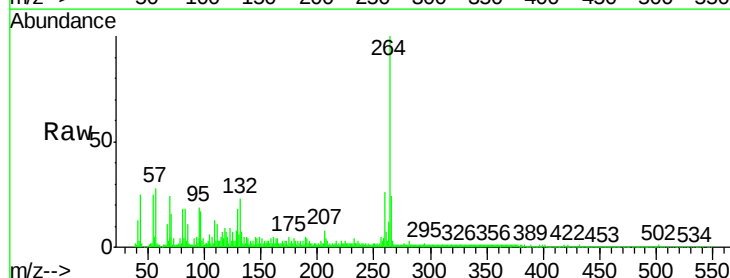
Tgt Ion:264 Resp: 158406

Ion Ratio Lower Upper

264 100

260 25.5 19.2 28.8

265 23.6 17.4 26.0



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

