

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
 Data File : BF091971.D
 Acq On : 27 Dec 2016 16:51
 Operator : UM/SJ
 Sample : H6241-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Dec 28 00:43:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

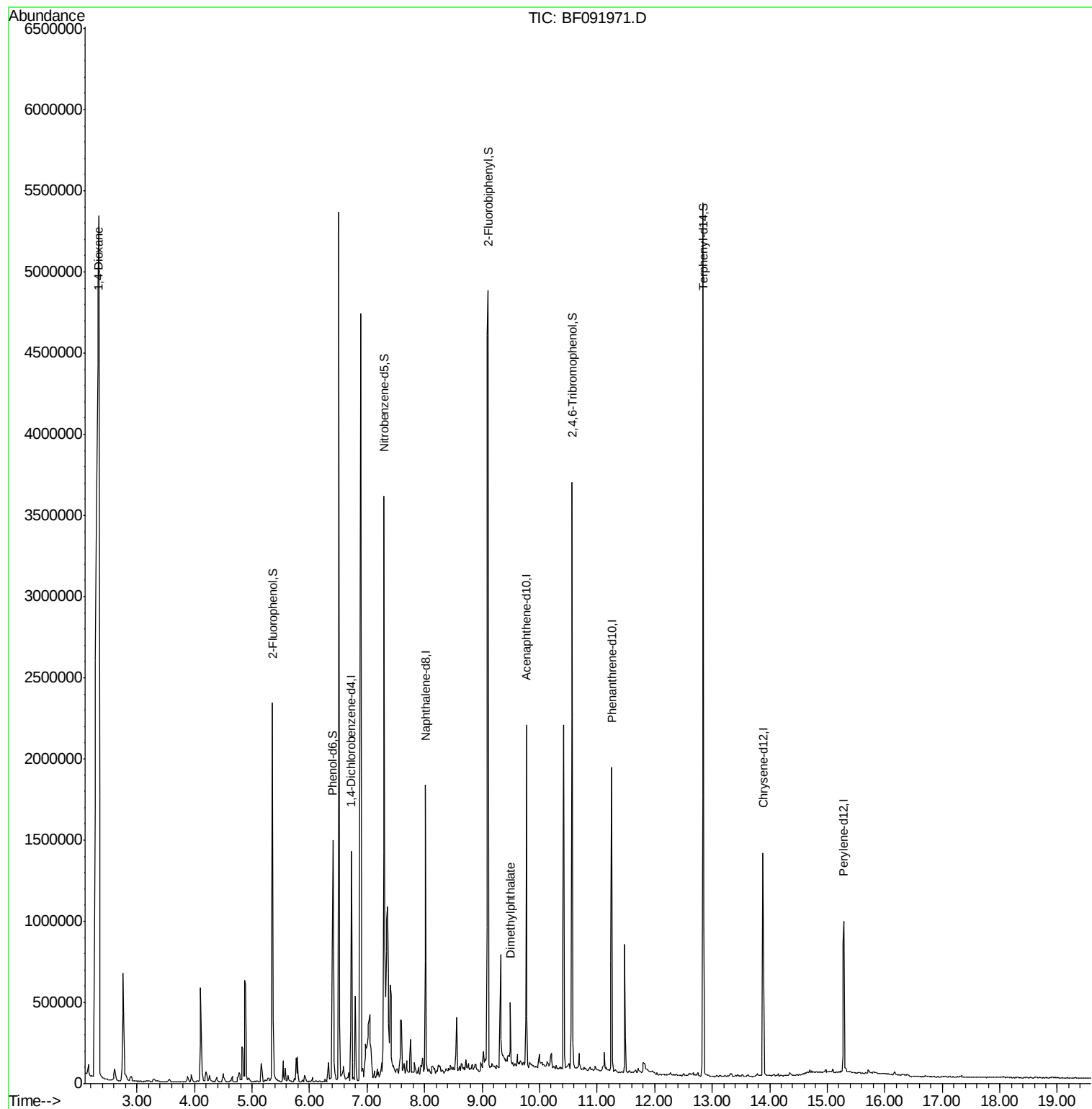
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	205991	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	859166	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	429858	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	728949	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	538125	20.00	ng	-0.02
86) Perylene-d12	15.29	264	499296	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1046258	84.81	ng	0.01
7) Phenol-d6	6.41	99	652474	43.32	ng	0.00
23) Nitrobenzene-d5	7.30	82	1332415	86.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	490198	137.80	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2397836	119.53	ng	-0.01
78) Terphenyl-d14	12.84	244	1803140	81.27	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.34	88	7182792	1182.62	ng	Qvalue 98
49) Dimethylphthalate	9.49	163	142216	5.17	ng	# 96

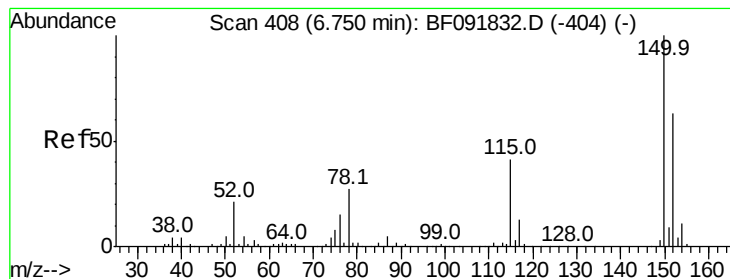
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091971.D

Acq: 27 Dec 2016 16:51

Instrument :

BNA_F

ClientSampleId :

MW-1

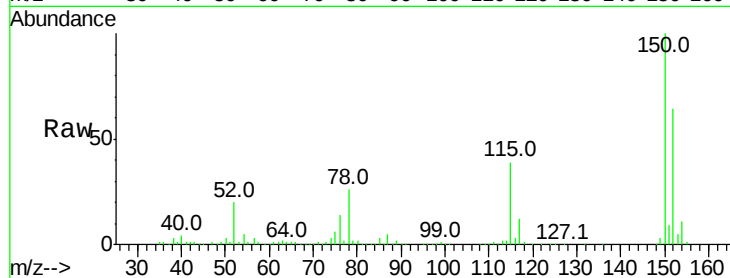
Tot Ion:152 Resp: 205991

Ion Ratio Lower Upper

152 100

150 155.5 124.9 187.3

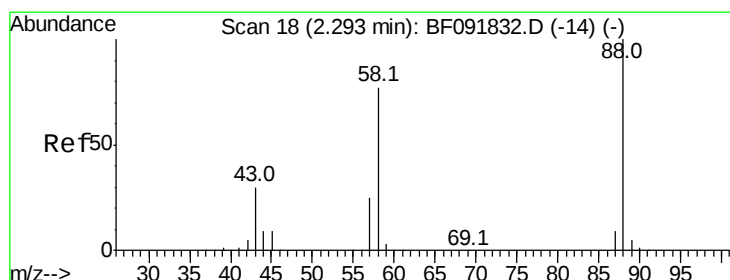
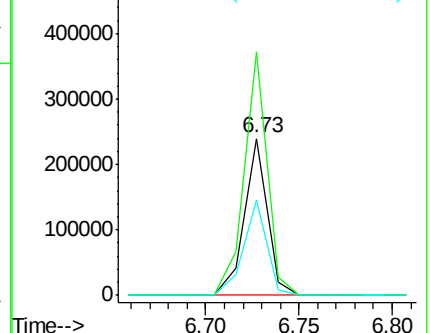
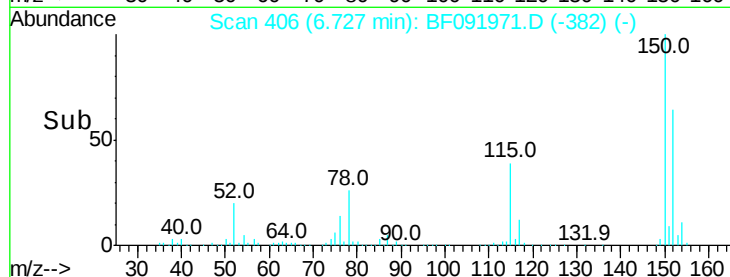
115 60.5 46.0 69.0



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



#2

1,4-Dioxane

Concen: 1182.62 ng

RT: 2.34 min Scan# 22

Delta R.T. 0.05 min

Lab File: BF091971.D

Acq: 27 Dec 2016 16:51

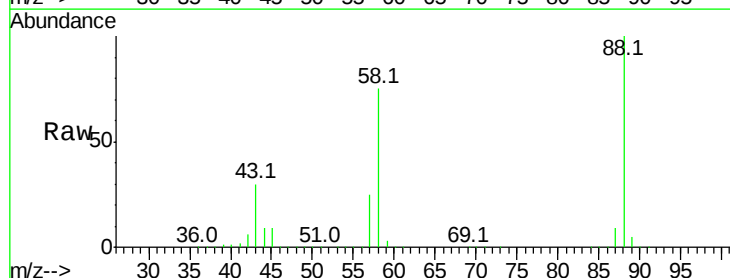
Tgt Ion: 88 Resp: 7182792

Ion Ratio Lower Upper

88 100

58 73.7 57.8 86.8

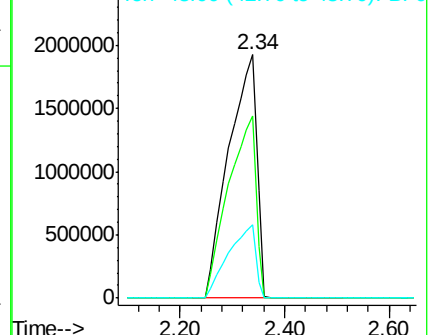
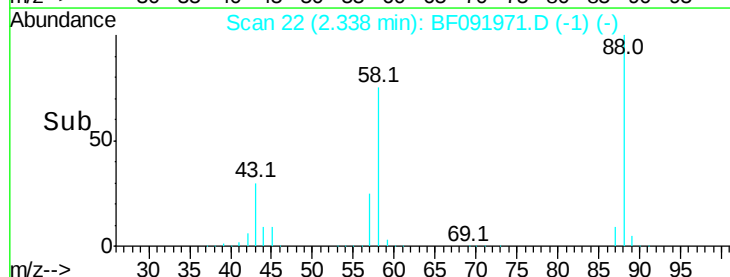
43 28.9 22.3 33.5

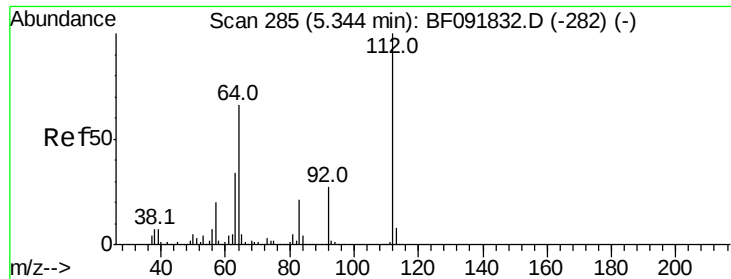


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 84.81 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF091971.D

Acq: 27 Dec 2016 16:51

Instrument :

BNA_F

ClientSampleId :

MW-1

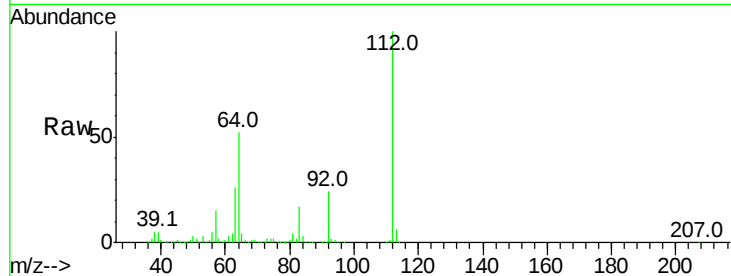
Tot Ion:112 Resp: 1046258

Ion Ratio Lower Upper

112 100

64 51.7 46.1 69.1

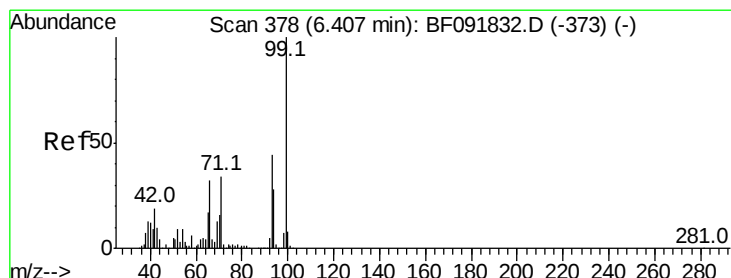
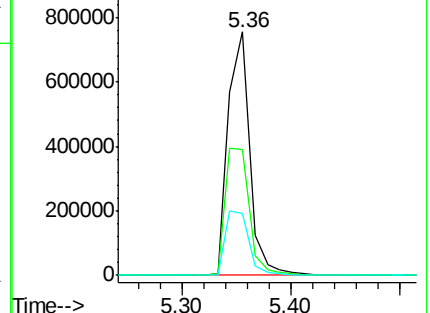
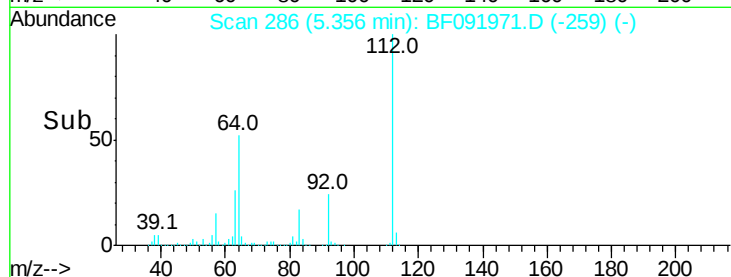
63 25.5 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 43.32 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF091971.D

Acq: 27 Dec 2016 16:51

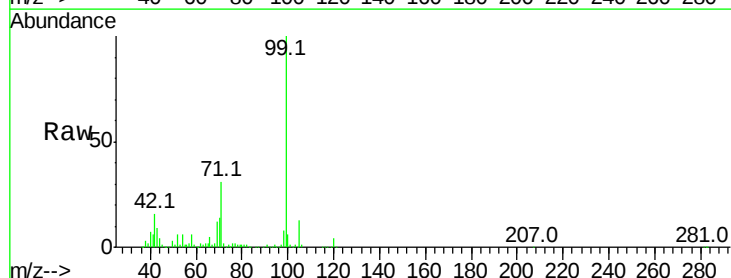
Tgt Ion: 99 Resp: 652474

Ion Ratio Lower Upper

99 100

42 15.8 15.6 23.4

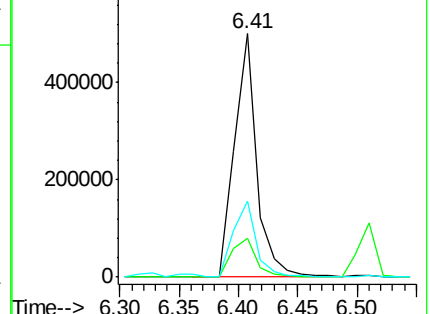
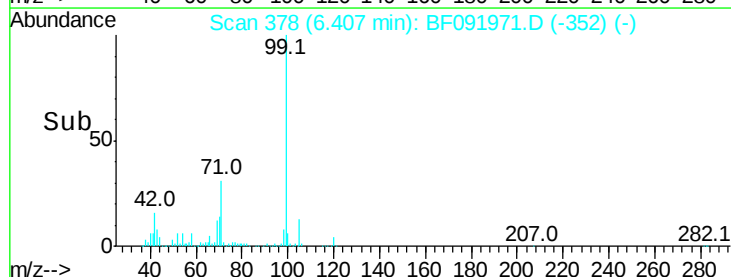
71 31.1 27.5 41.3

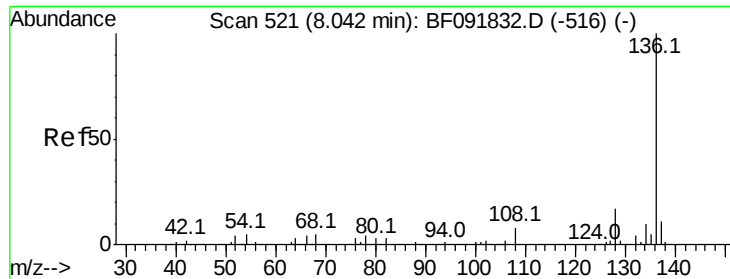


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

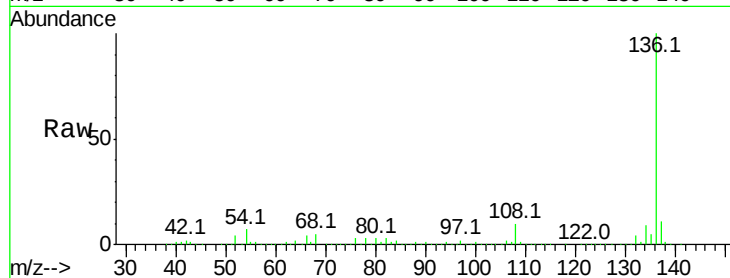




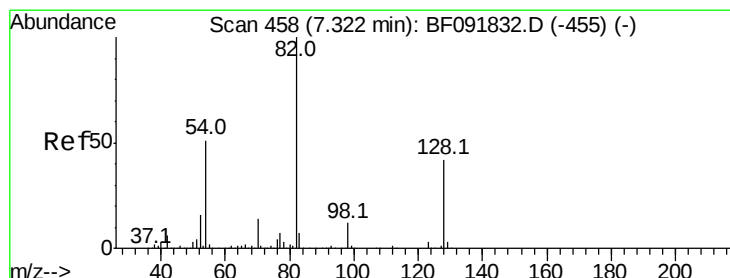
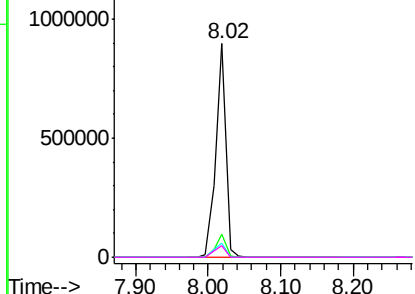
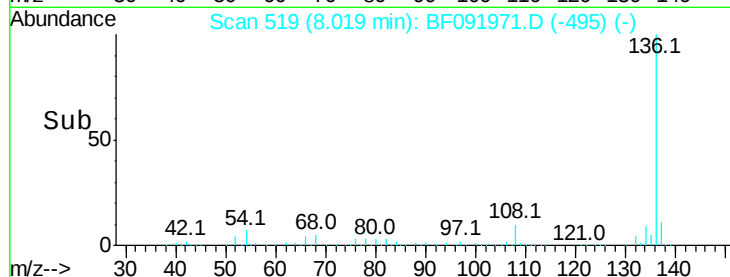
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091971.D
Acq: 27 Dec 2016 16:51

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:	136	Resp:	859166
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.8	4.5	6.7#
68	5.3	3.6	5.4

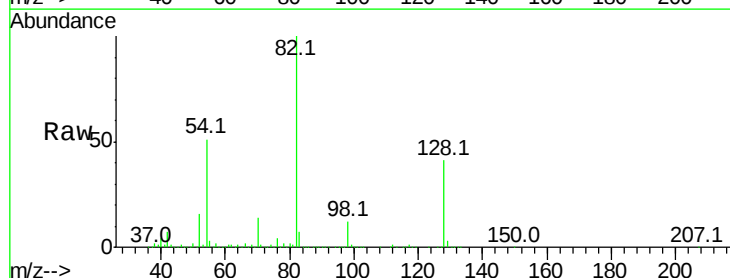


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

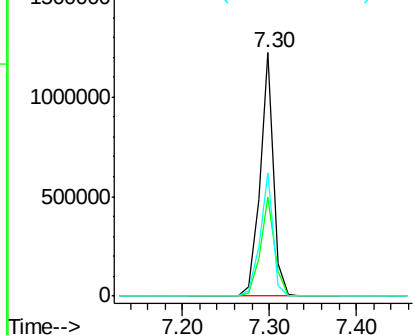
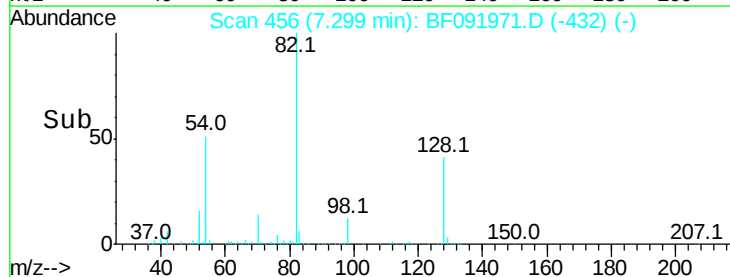


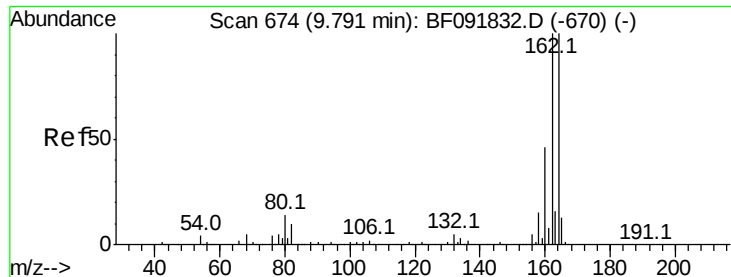
#23
Nitrobenzene-d5
Concen: 86.23 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF091971.D
Acq: 27 Dec 2016 16:51

Tgt Ion:	82	Resp:	1332415
Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.6	52.0
54	50.6	39.5	59.3



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

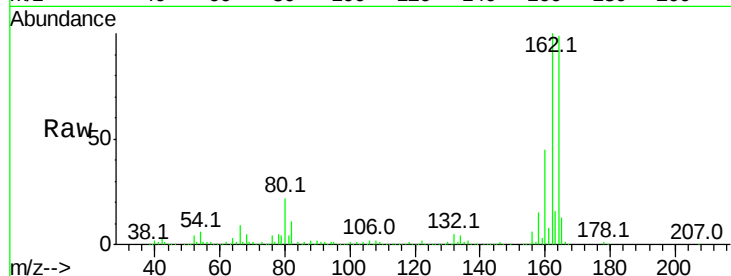




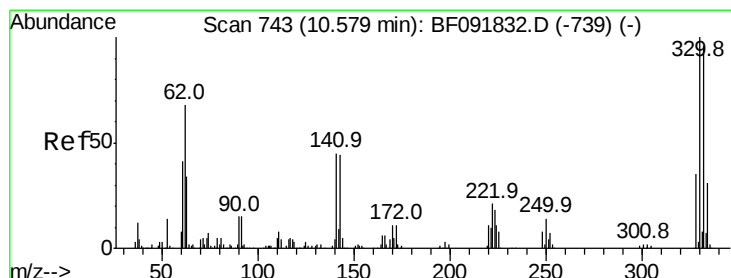
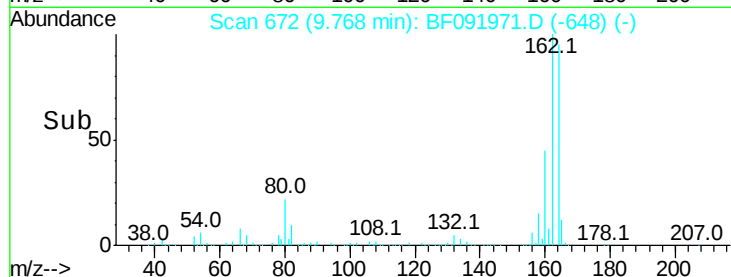
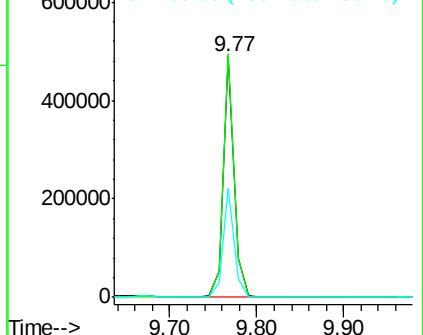
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF091971.D
Acq: 27 Dec 2016 16:51

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:164 Resp: 429858
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 45.5 36.9 55.3

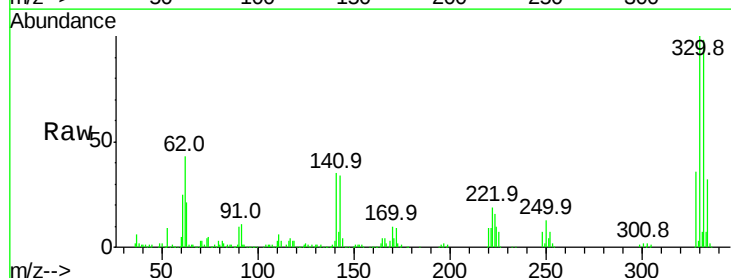


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

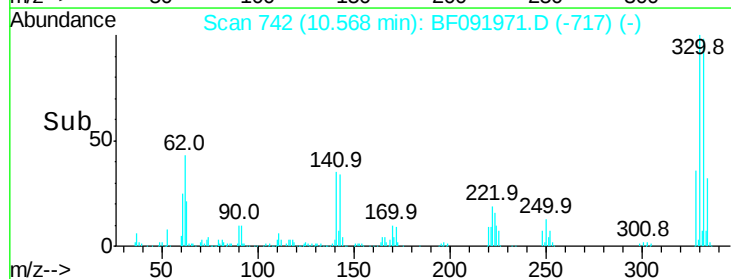
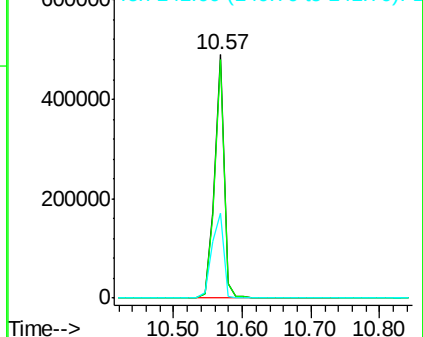


#41
2,4,6-Tribromophenol
Concen: 137.80 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF091971.D
Acq: 27 Dec 2016 16:51

Tgt Ion:330 Resp: 490198
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.2
141 43.2 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

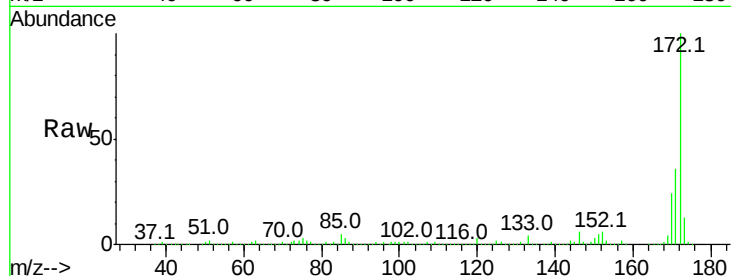




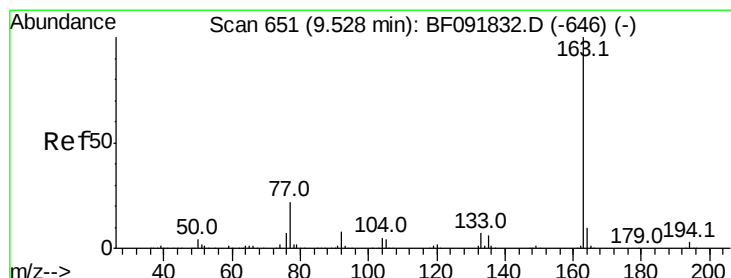
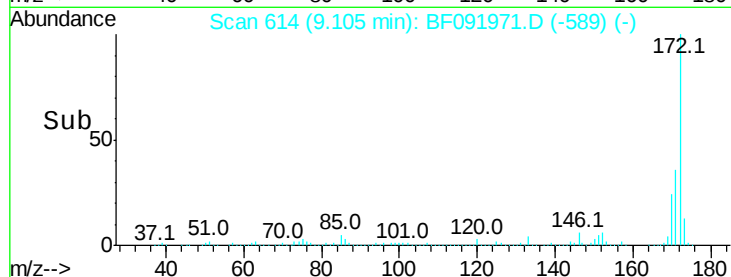
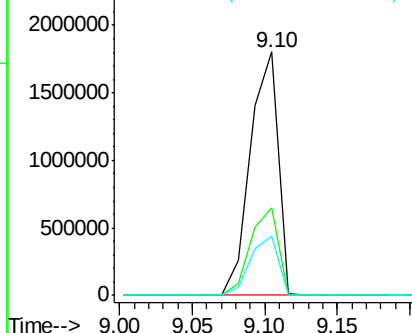
#44
2-Fluorobiphenyl
Concen: 119.53 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF091971.D
Acq: 27 Dec 2016 16:51

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:172 Resp: 2397836
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 24.3 20.2 30.4

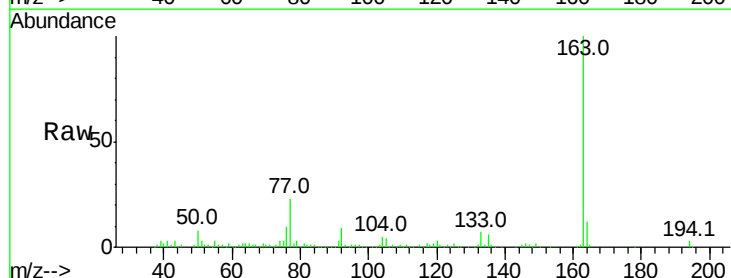


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

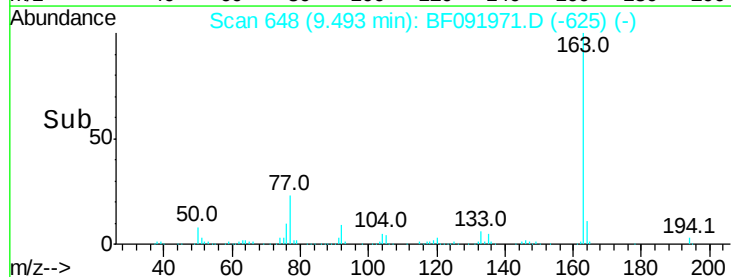
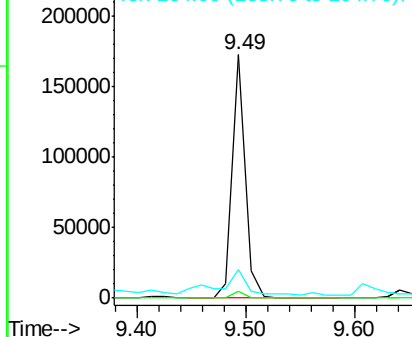


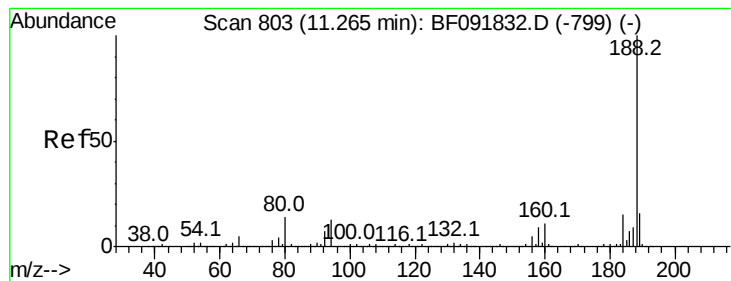
#49
Dimethylphthalate
Concen: 5.17 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.03 min
Lab File: BF091971.D
Acq: 27 Dec 2016 16:51

Tgt Ion:163 Resp: 142216
Ion Ratio Lower Upper
163 100
194 2.9 3.0 4.4#
164 11.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF091971.D

Acq: 27 Dec 2016 16:51

Instrument :

BNA_F

ClientSampled :

MW-1

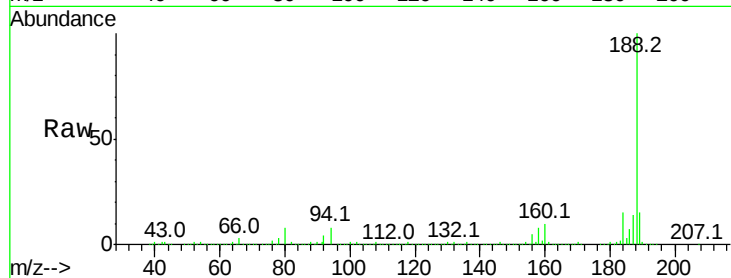
Tot Ion:188 Resp: 728949

Ion Ratio Lower Upper

188 100

94 7.9 10.0 15.0#

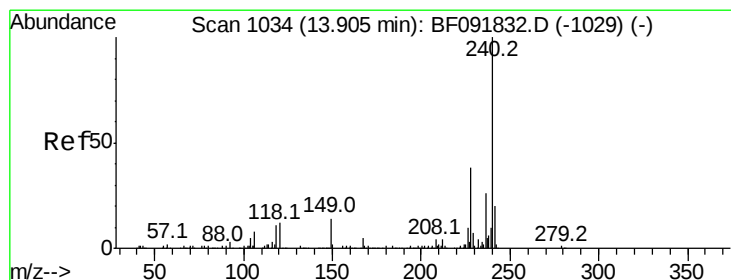
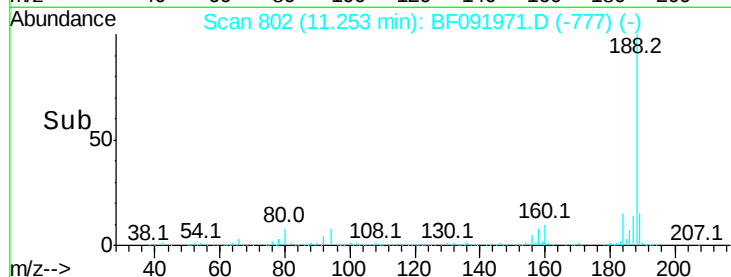
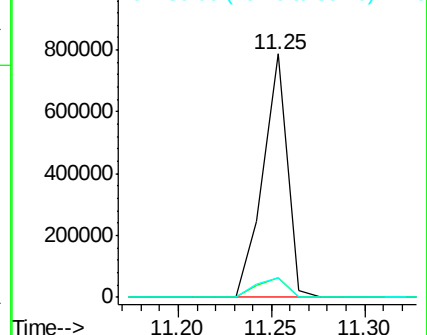
80 8.0 11.2 16.8#



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: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF091971.D

Acq: 27 Dec 2016 16:51

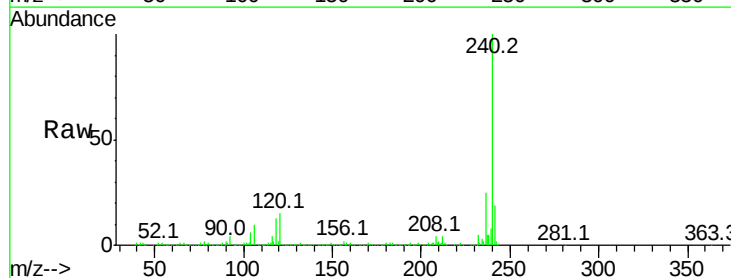
Tgt Ion:240 Resp: 538125

Ion Ratio Lower Upper

240 100

120 14.8 12.9 19.3

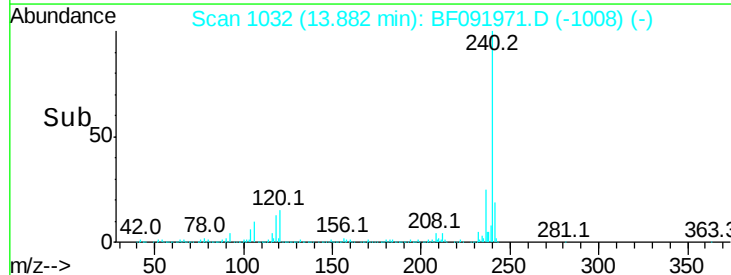
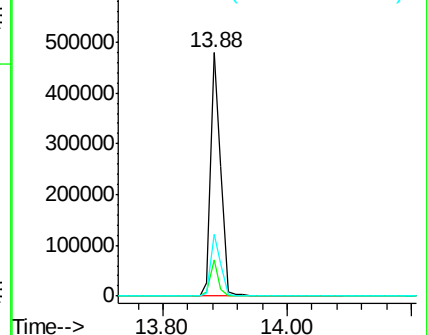
236 25.3 20.9 31.3

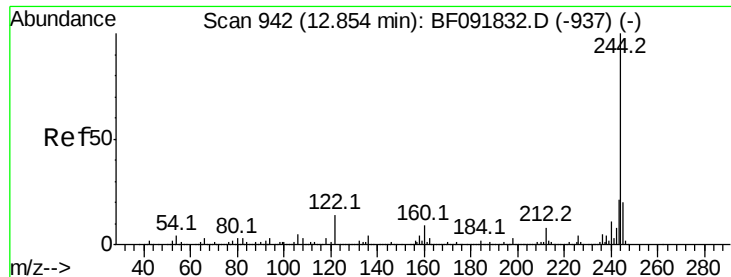


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.27 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091971.D

Acq: 27 Dec 2016 16:51

Instrument :

BNA_F

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MW-1

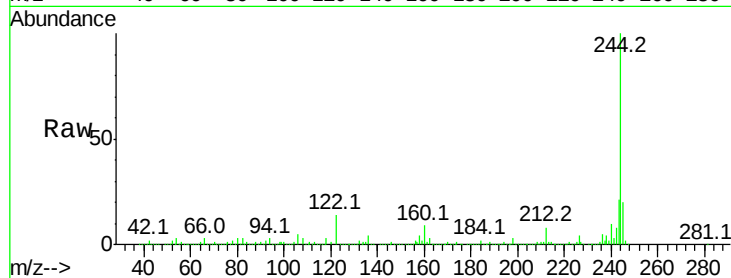
Tot Ion:244 Resp: 1803140

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

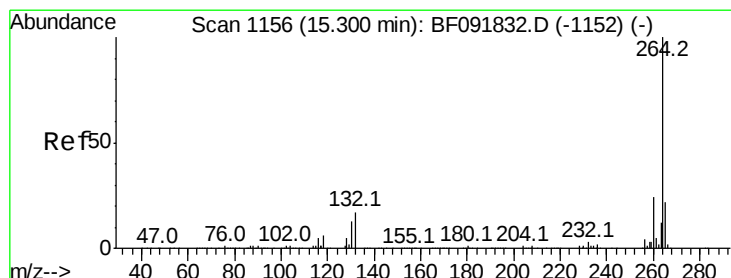
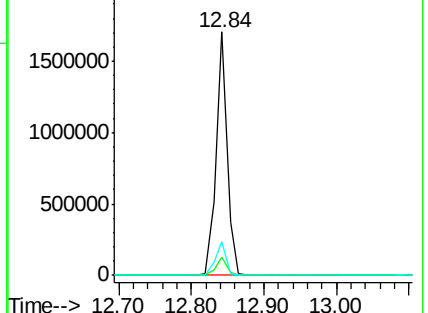
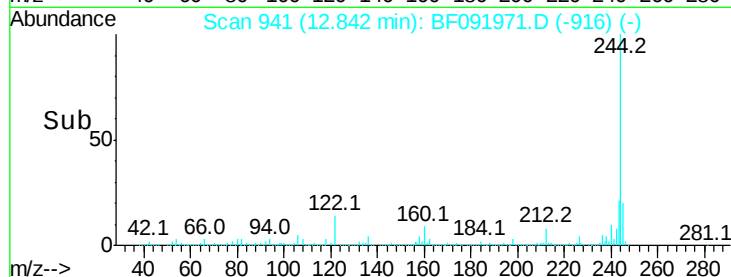
122 13.7 11.4 17.2



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: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF091971.D

Acq: 27 Dec 2016 16:51

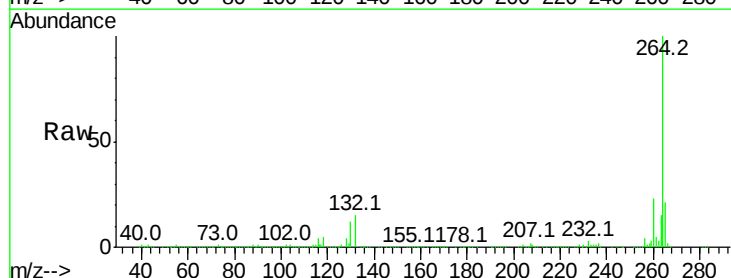
Tgt Ion:264 Resp: 499296

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.2 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

