

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091760.D
 Acq On : 19 Dec 2016 3:03
 Operator : UM/SJ
 Sample : H6091-06
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Quant Time: Dec 19 04:09:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

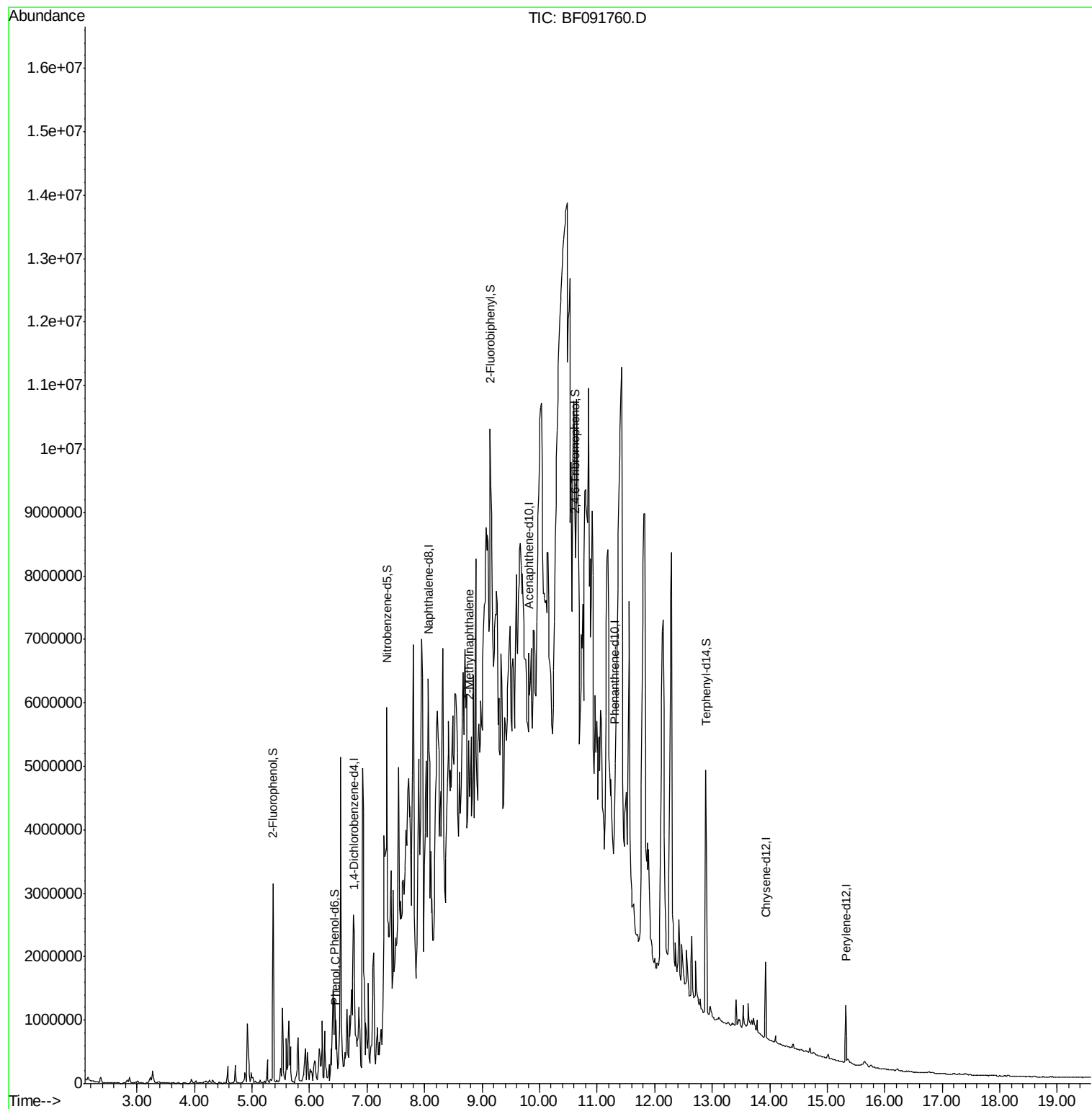
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	242048	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	815869	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	654123	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	661003	20.00	ng	0.02
75) Chrysene-d12	13.93	240	497106	20.00	ng	0.00
86) Perylene-d12	15.32	264	430279	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	973784	67.40	ng	0.00
7) Phenol-d6	6.43	99	832161	47.23	ng	0.01
23) Nitrobenzene-d5	7.34	82	1707185	120.67	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	414086	74.65	ng	0.02
44) 2-Fluorobiphenyl	9.14	172	1817493	55.82	ng	0.00
78) Terphenyl-d14	12.89	244	1742402	88.50	ng	0.01
Target Compounds						
10) Phenol	6.45	94	69870	3.52	ng	# 74
37) 2-Methylnaphthalene	8.77	142	70213	2.86	ng	# 84

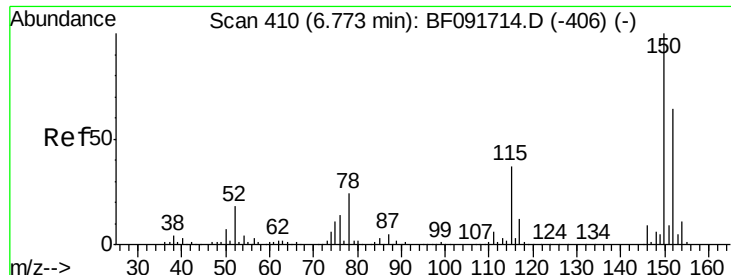
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF091760.D

Acq: 19 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

MW-19

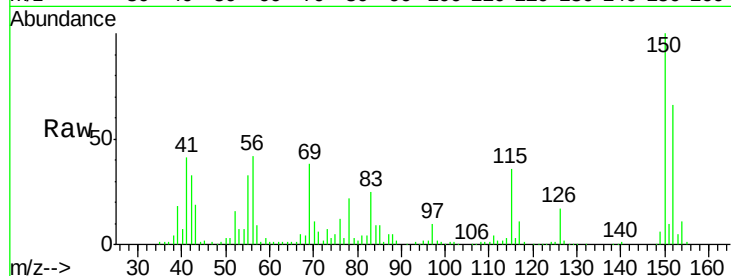
Tot Ion:152 Resp: 242048

Ion Ratio Lower Upper

152 100

150 151.5 124.9 187.3

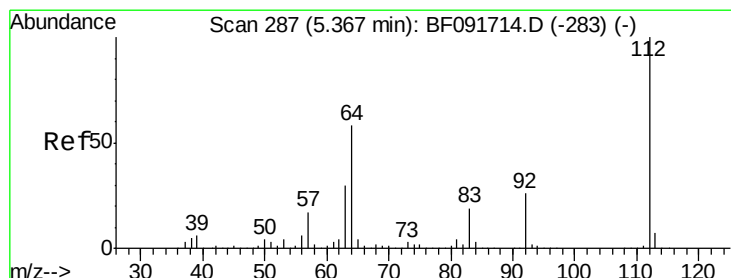
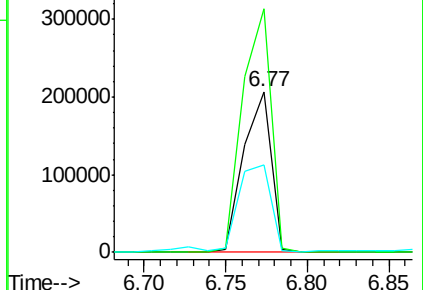
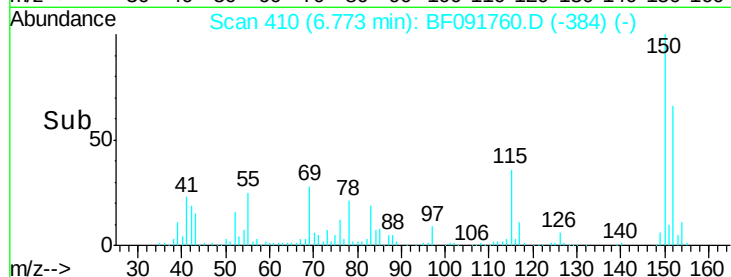
115 54.6 46.0 69.0



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



#5

2-Fluorophenol

Concen: 67.40 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091760.D

Acq: 19 Dec 2016 3:03

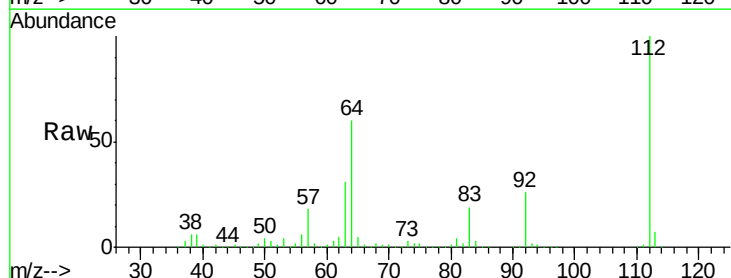
Tgt Ion:112 Resp: 973784

Ion Ratio Lower Upper

112 100

64 60.4 46.1 69.1

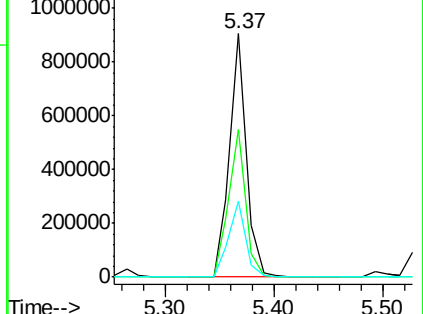
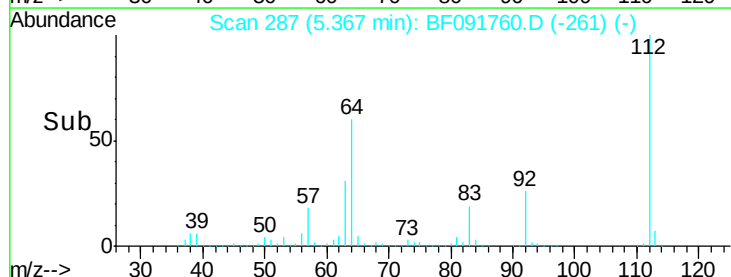
63 31.2 23.8 35.6

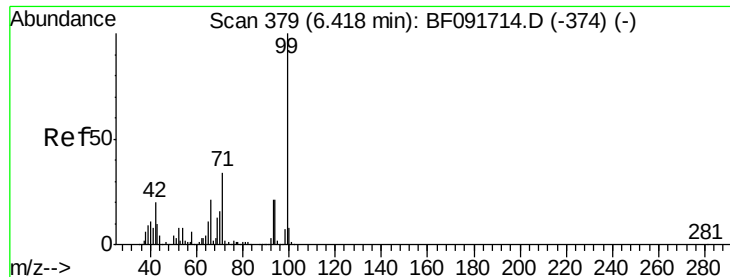


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.23 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF091760.D

Acq: 19 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

MW-19

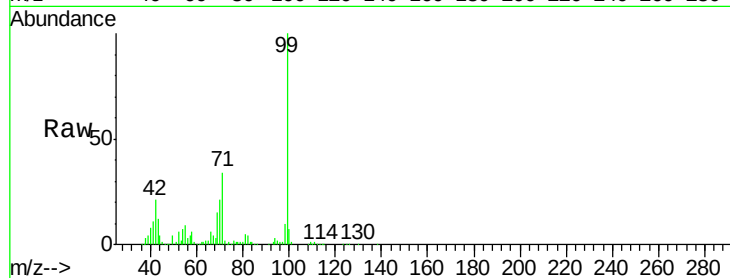
Tot Ion: 99 Resp: 832161

Ion Ratio Lower Upper

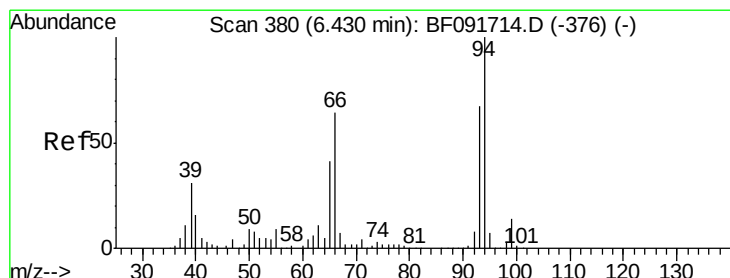
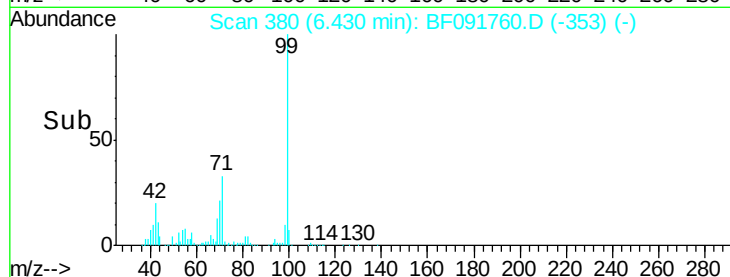
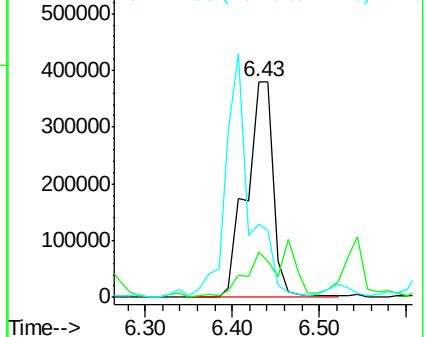
99 100

42 20.8 15.6 23.4

71 33.8 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



#10

Phenol

Concen: 3.52 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.02 min

Lab File: BF091760.D

Acq: 19 Dec 2016 3:03

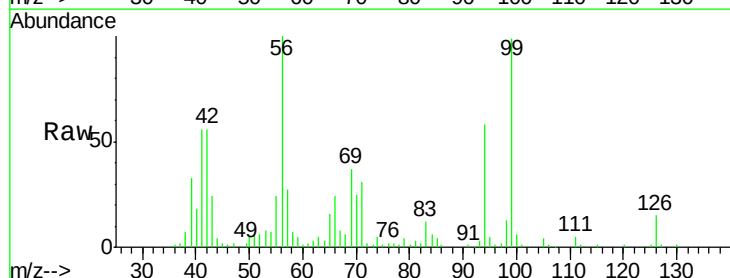
Tgt Ion: 94 Resp: 69870

Ion Ratio Lower Upper

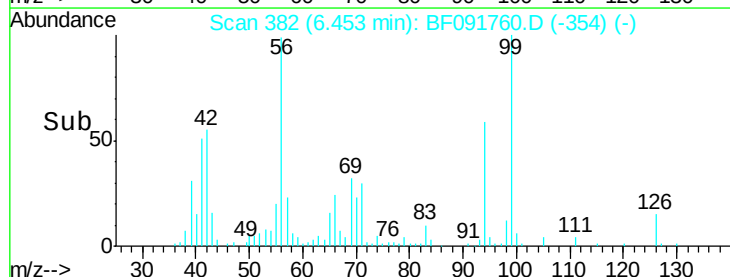
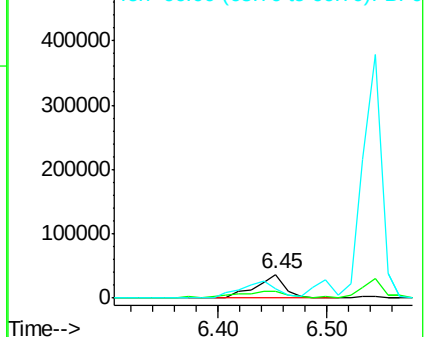
94 100

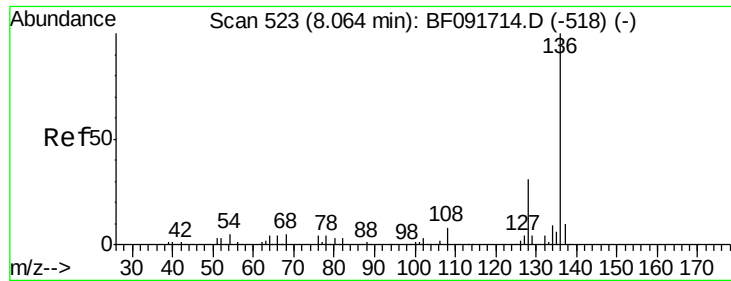
65 28.0 21.4 61.4

66 41.7 44.0 84.0#



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: 8.06 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF091760.D

Acq: 19 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

MW-19

Tot Ion:136 Resp: 815869

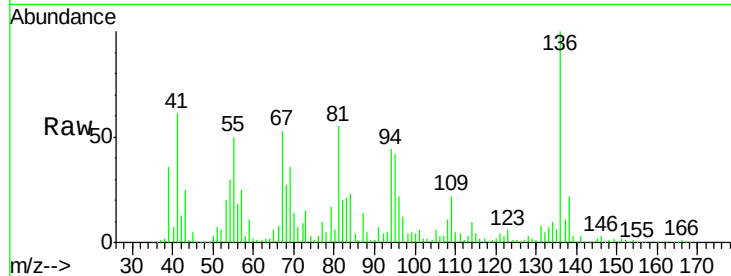
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 30.1 4.5 6.7#

68 27.1 3.6 5.4#

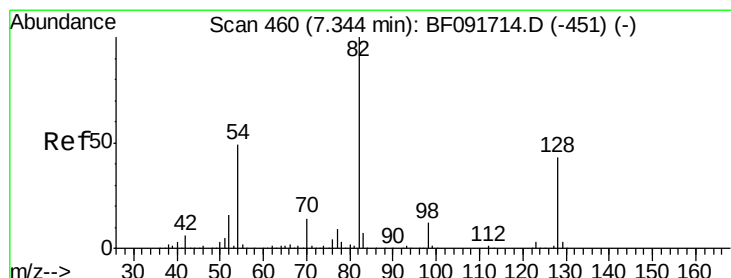
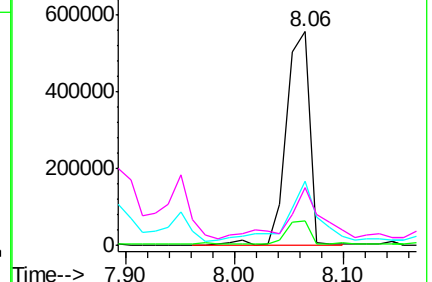
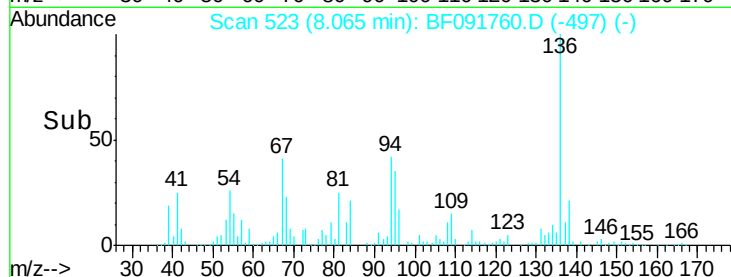


Abundance Ion 136.00 (135.70 to 136.70): E

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: 120.67 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF091760.D

Acq: 19 Dec 2016 3:03

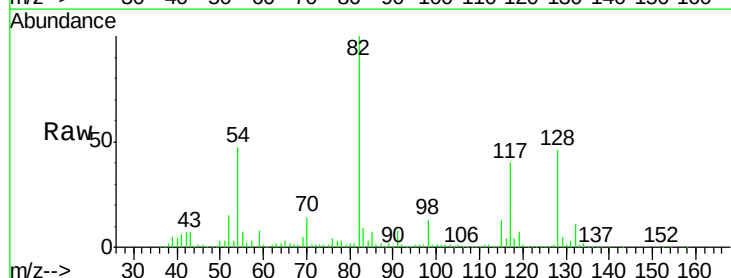
Tgt Ion: 82 Resp: 1707185

Ion Ratio Lower Upper

82 100

128 45.8 34.6 52.0

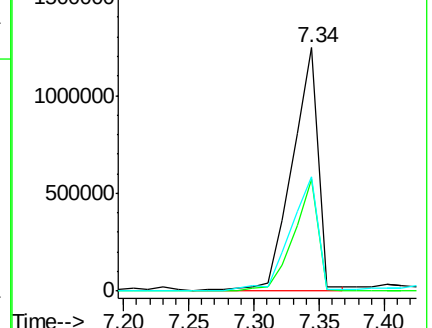
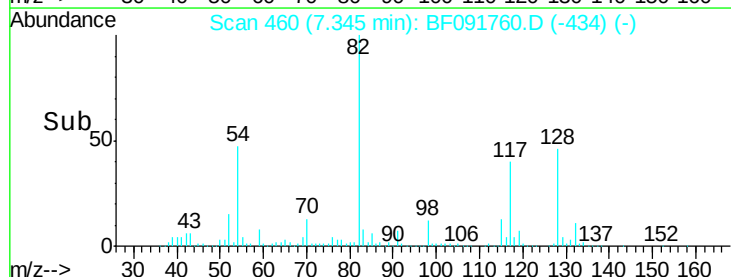
54 46.8 39.5 59.3

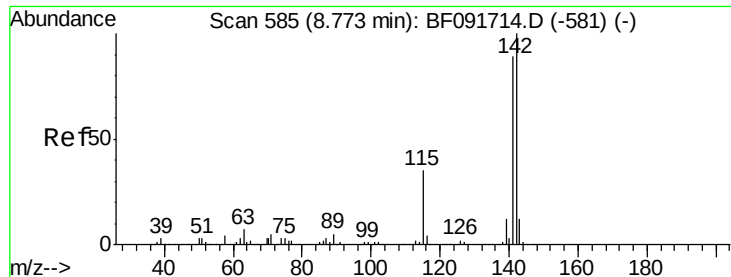


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

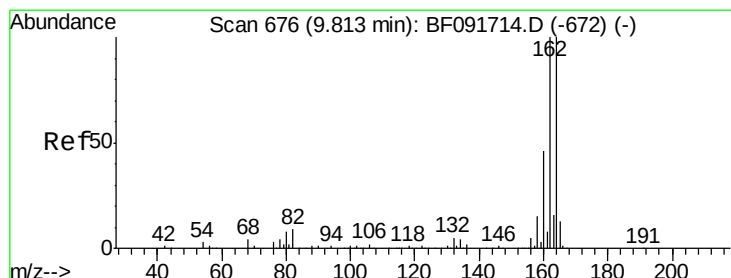
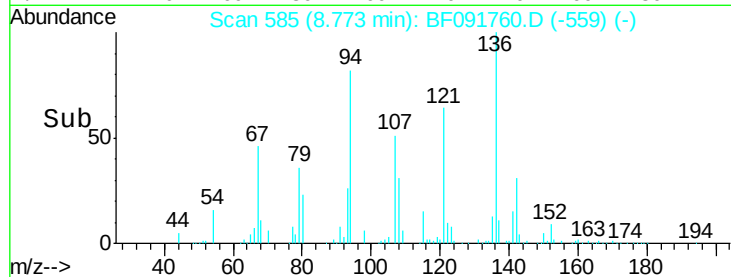
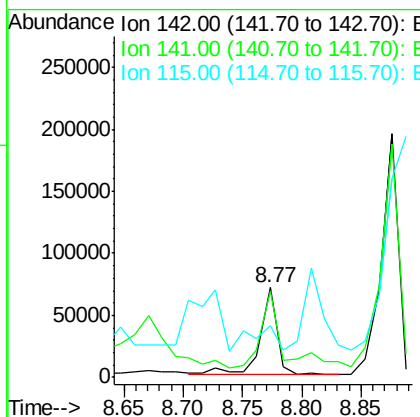
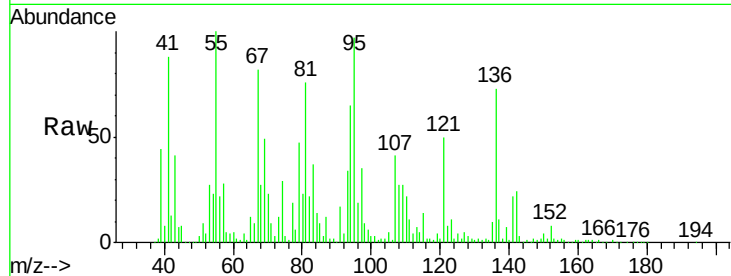




#37
2-Methylnaphthalene
Concen: 2.86 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF091760.D
Acq: 19 Dec 2016 3:03

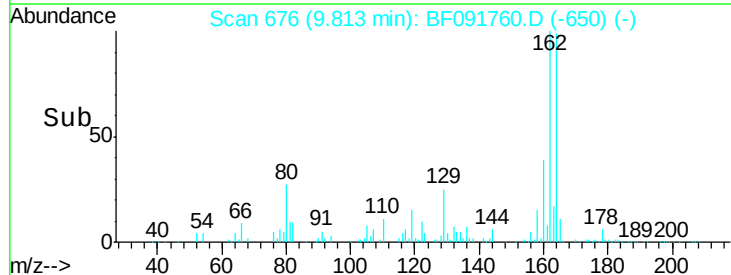
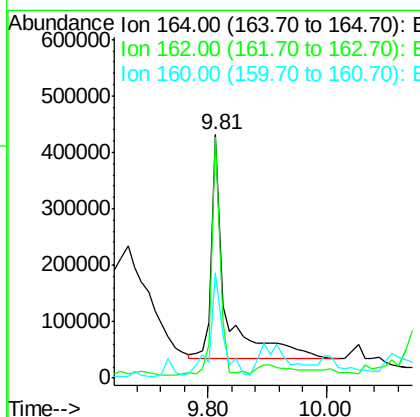
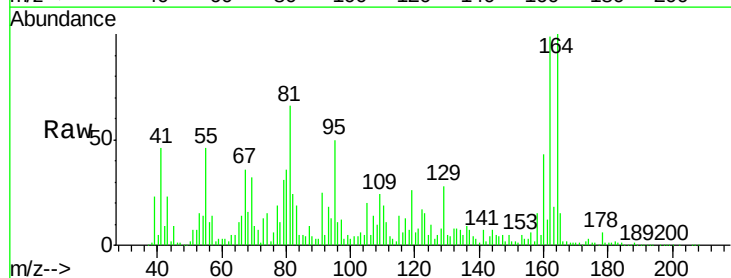
Instrument :
BNA_F
ClientSampled :
MW-19

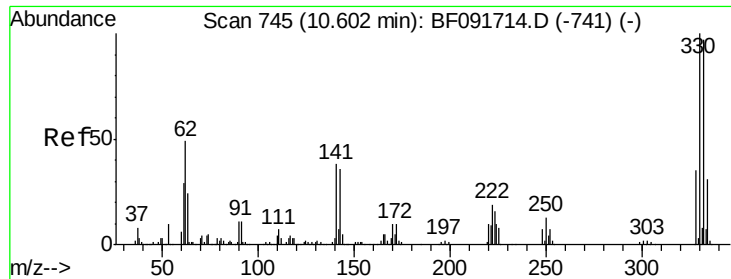
Tot Ion:142 Resp: 70213
Ion Ratio Lower Upper
142 100
141 95.5 71.0 106.6
115 57.8 28.3 42.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF091760.D
Acq: 19 Dec 2016 3:03

Tgt Ion:164 Resp: 654123
Ion Ratio Lower Upper
164 100
162 98.8 80.2 120.2
160 43.5 36.9 55.3

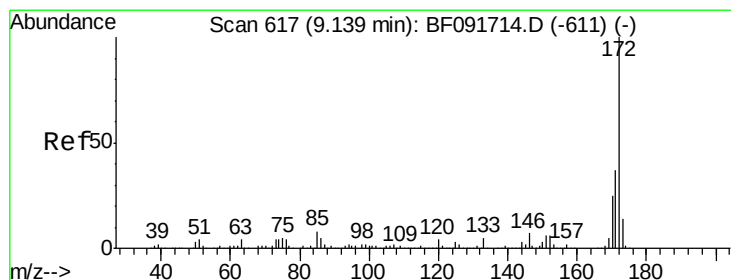
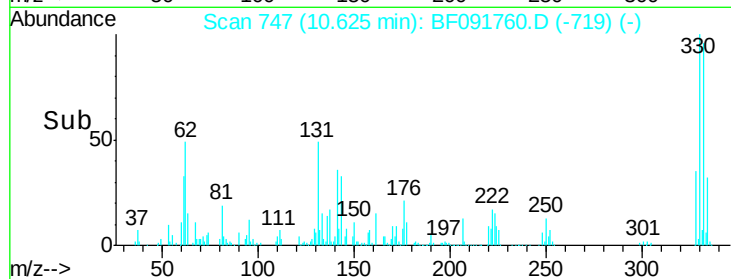
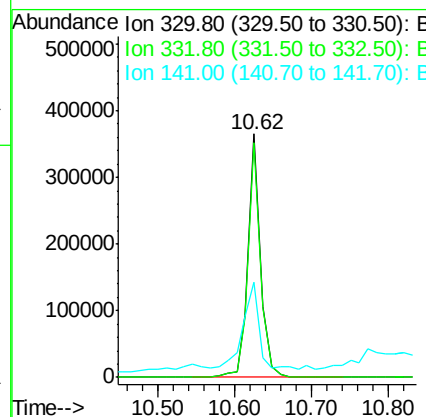
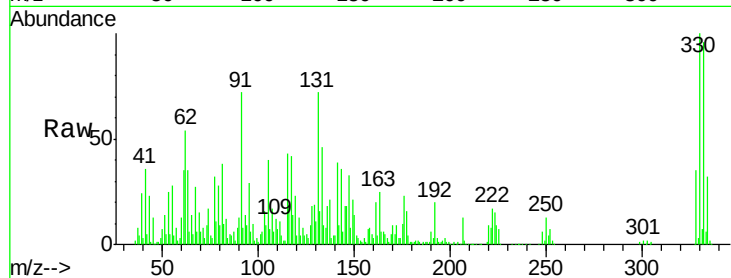




#41
 2,4,6-Tribromophenol
 Concen: 74.65 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.02 min
 Lab File: BF091760.D
 Acq: 19 Dec 2016 3:03

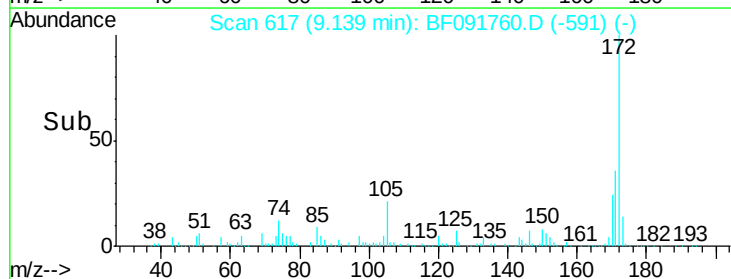
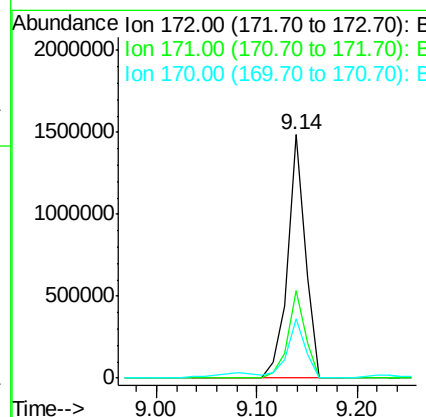
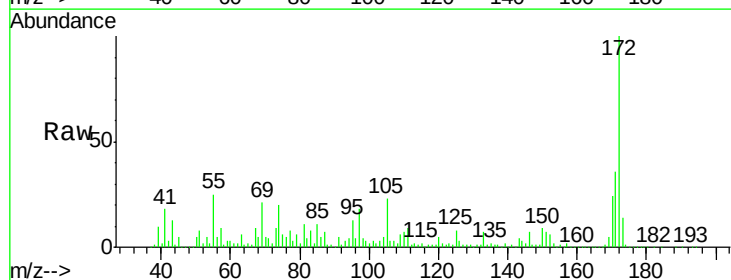
Instrument :
 BNA_F
 ClientSampled :
 MW-19

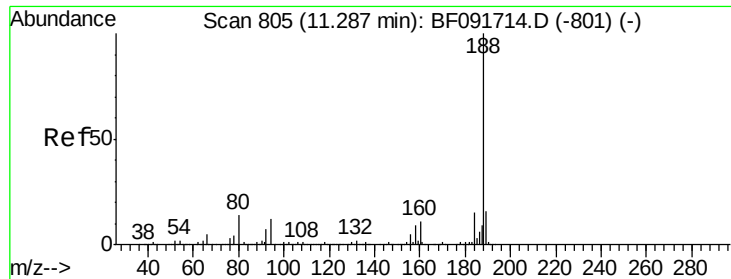
Tot Ion:330 Resp: 414086
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 47.2 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 55.82 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091760.D
 Acq: 19 Dec 2016 3:03

Tgt Ion:172 Resp: 1817493
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.4 20.2 30.4

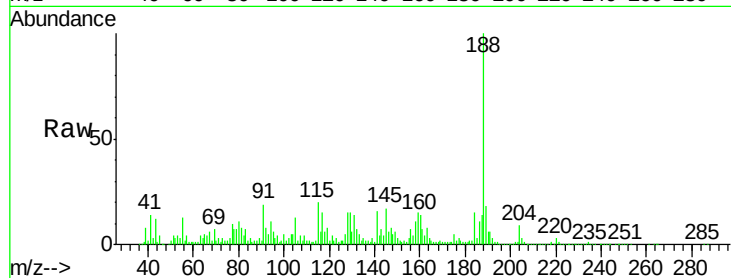




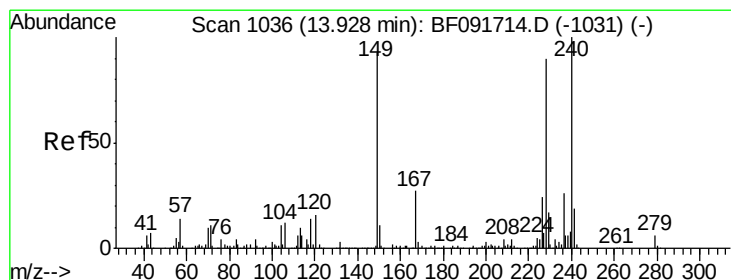
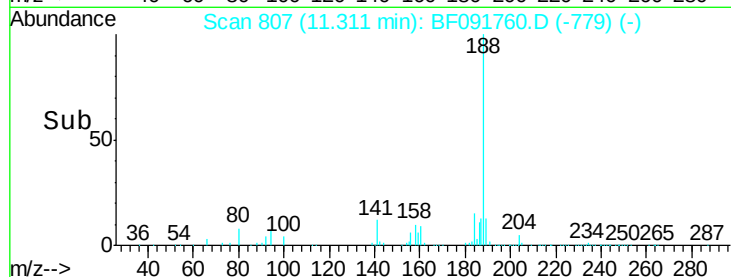
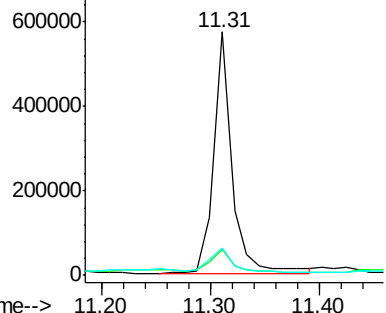
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. 0.02 min
Lab File: BF091760.D
Acq: 19 Dec 2016 3:03

Instrument :
BNA_F
ClientSampleId :
MW-19

Tot Ion:188 Resp: 661003
Ion Ratio Lower Upper
188 100
94 10.6 10.0 15.0
80 11.0 11.2 16.8#

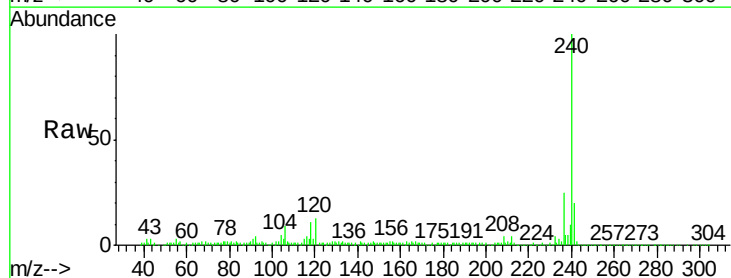


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

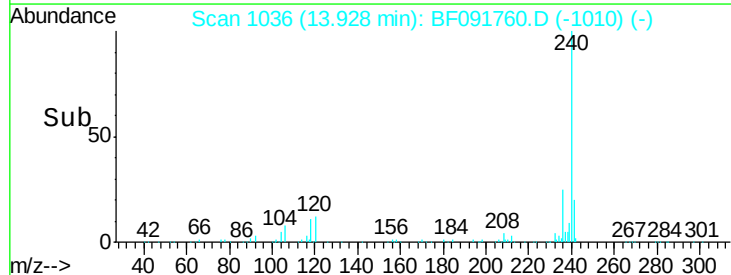
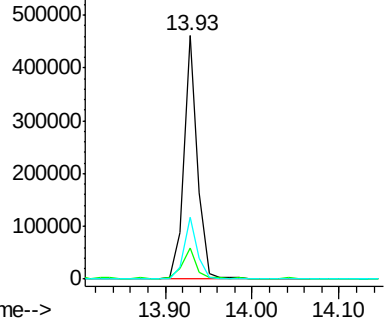


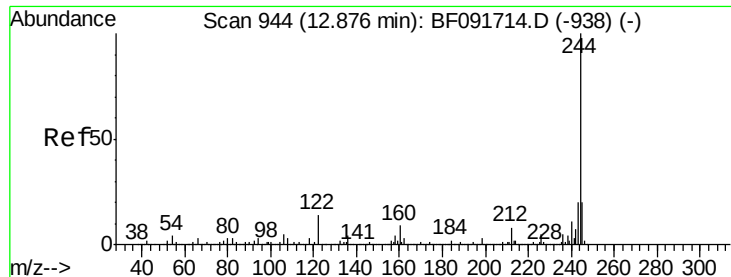
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF091760.D
Acq: 19 Dec 2016 3:03

Tgt Ion:240 Resp: 497106
Ion Ratio Lower Upper
240 100
120 12.6 12.9 19.3#
236 25.4 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: 88.50 ng

RT: 12.89 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF091760.D

Acq: 19 Dec 2016 3:03

Instrument :

BNA_F

ClientSampleId :

MW-19

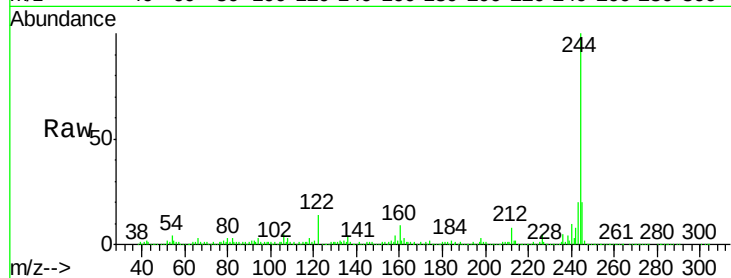
Tot Ion:244 Resp: 1742402

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

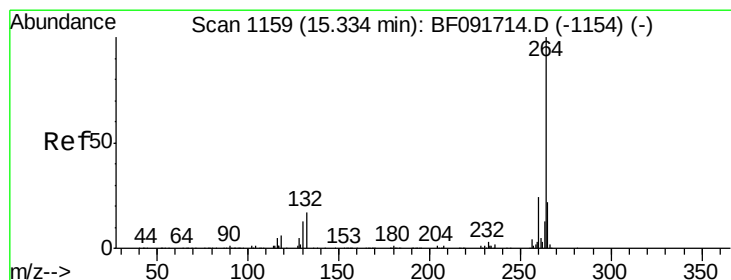
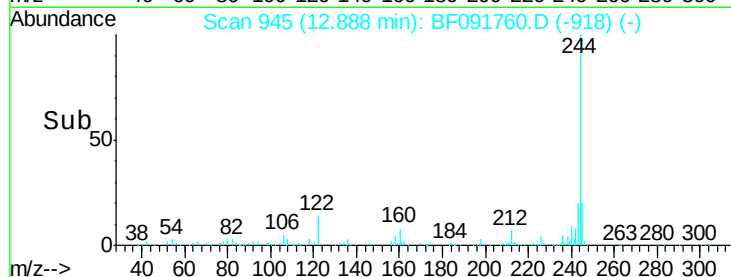
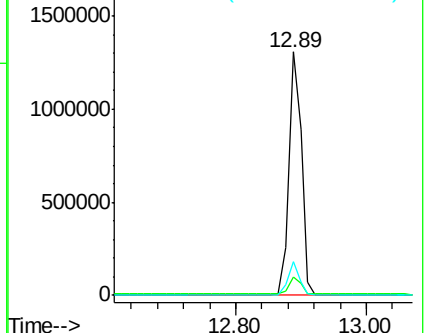
122 14.0 11.4 17.2



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: 15.32 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF091760.D

Acq: 19 Dec 2016 3:03

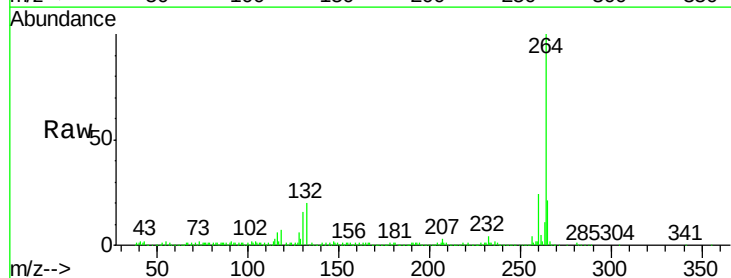
Tgt Ion:264 Resp: 430279

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.4 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

