

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
 Data File : BF096786.D
 Acq On : 14 Jul 2017 22:03
 Operator : SJ/JU
 Sample : I4141-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Jul 15 01:16:01 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

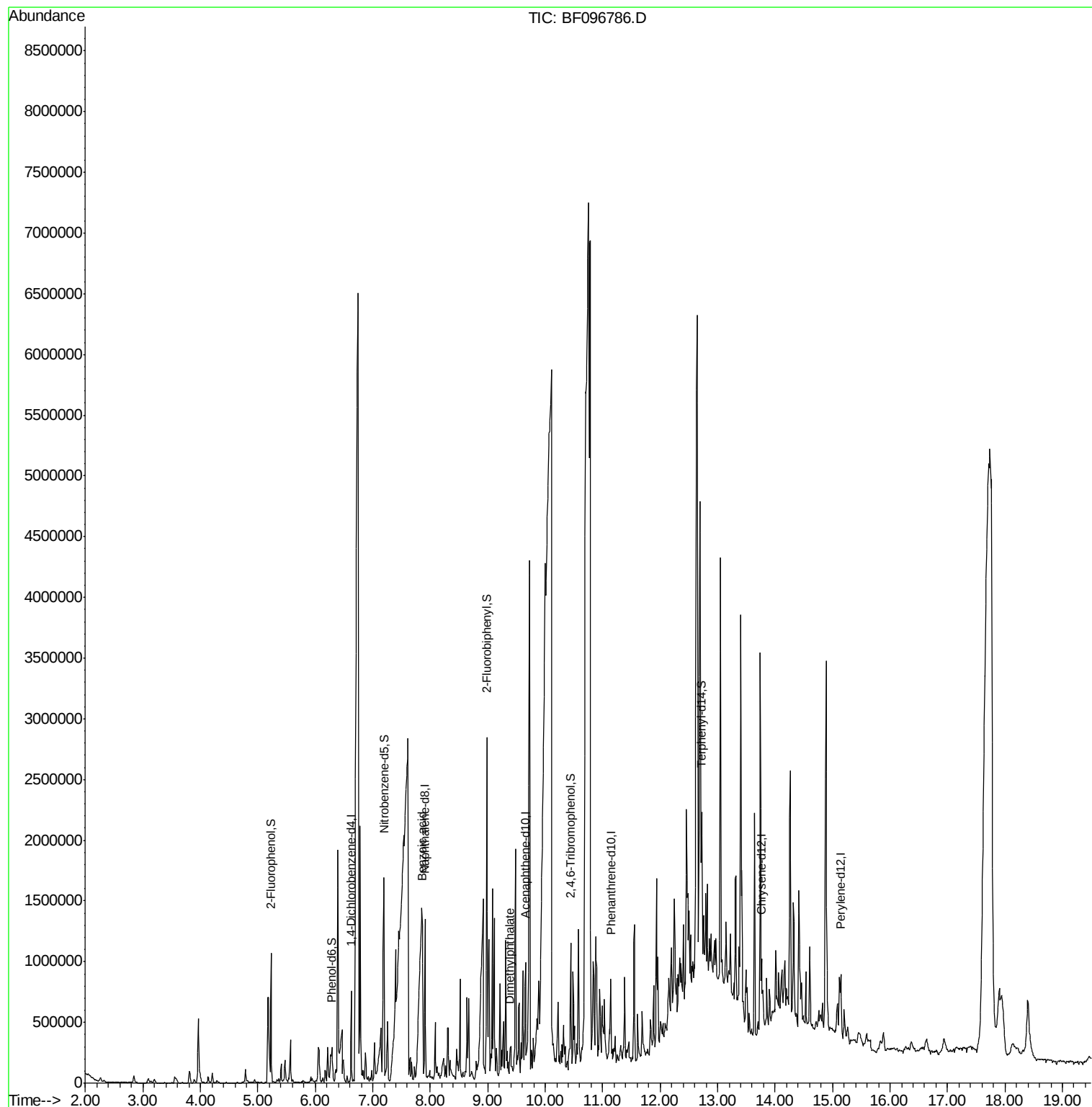
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	103496	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	413009	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	170270	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	244671	20.00	ng	0.00
75) Chrysene-d12	13.76	240	182064	20.00	ng	-0.01
86) Perylene-d12	15.14	264	193521	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	261617	38.01	ng	0.00
7) Phenol-d6	6.29	99	201566	24.40	ng	0.00
23) Nitrobenzene-d5	7.19	82	560653	84.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	111585	76.78	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	880636	81.71	ng	-0.01
78) Terphenyl-d14	12.72	244	454186	43.26	ng	-0.01
Target Compounds						
32) Benzoic acid	7.87	122	463678	115.004	ng	Qvalue 92
49) Dimethylphthalate	9.38	163	28096	2.191	ng	# 97

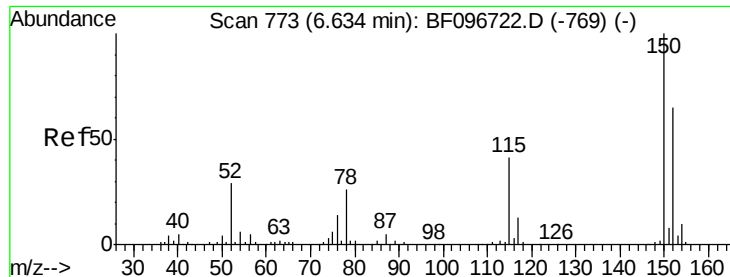
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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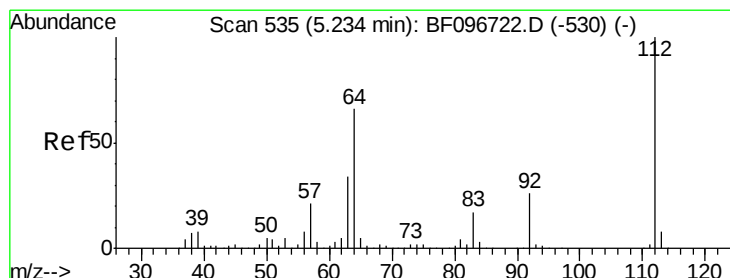
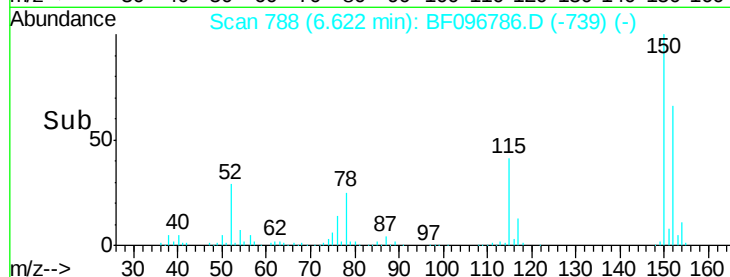
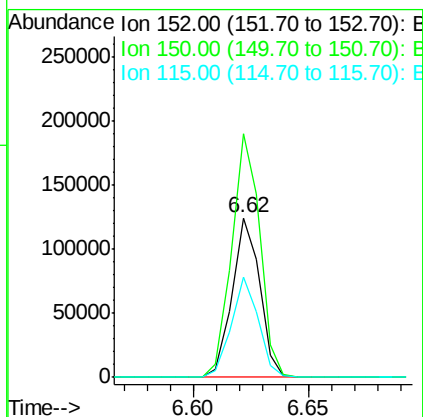
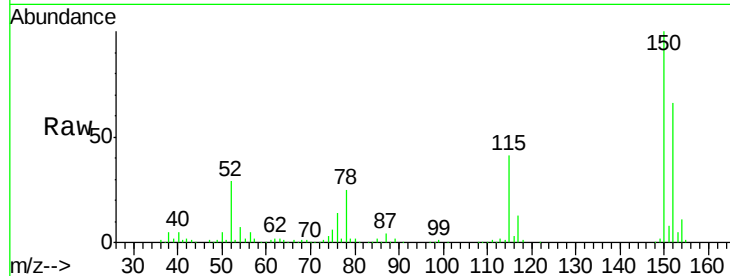


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096786.D
Acq: 14 Jul 2017 22:03

Instrument :
BNA_F
ClientSampleId :
EFF-WW

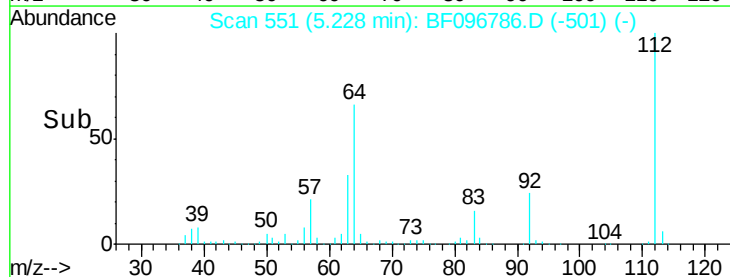
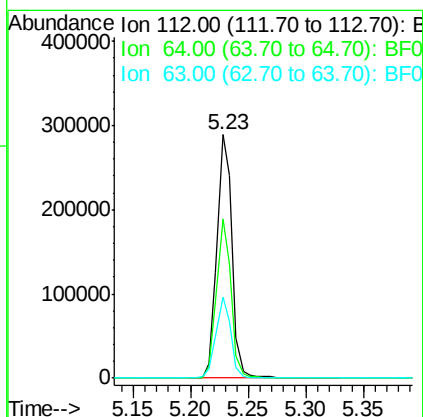
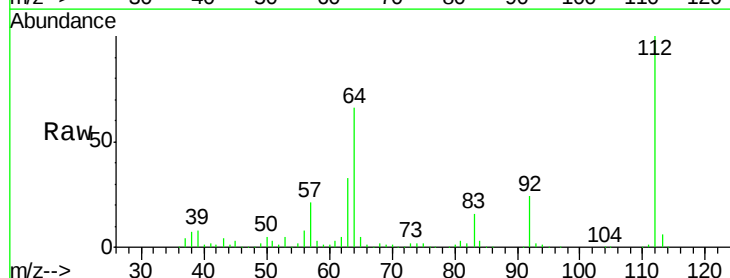
Tgt Ion:152 Resp: 103496
Ion Ratio Lower Upper
152 100
150 152.6 126.2 189.2
115 62.9 52.2 78.2

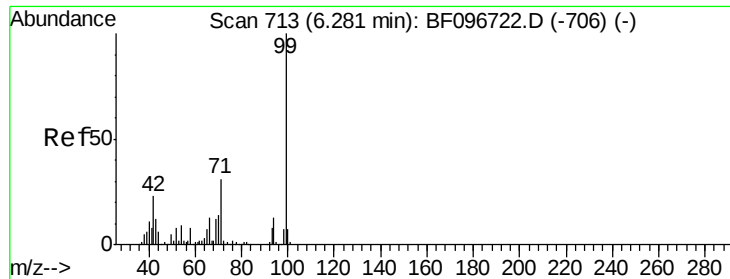


#5

2-Fluorophenol
Concen: 38.008 ng
RT: 5.23 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF096786.D
Acq: 14 Jul 2017 22:03

Tgt Ion:112 Resp: 261617
Ion Ratio Lower Upper
112 100
64 65.5 46.0 69.0
63 33.4 23.4 35.0





#7

Phenol-d6

Concen: 24.402 ng

RT: 6.29 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF096786.D

Acq: 14 Jul 2017 22:03

Instrument :

BNA_F

ClientSampleId :

EFF-WW

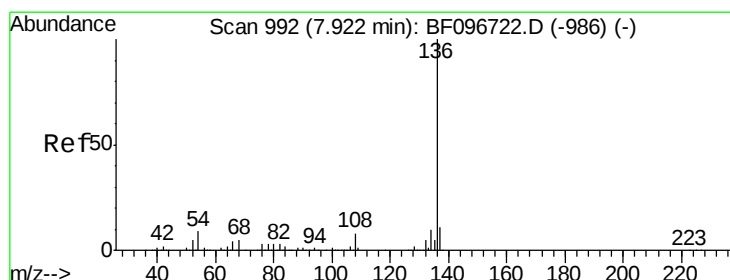
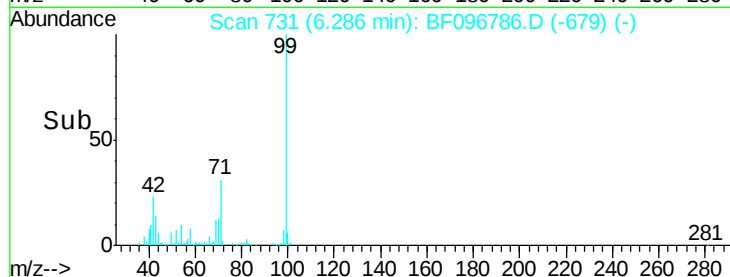
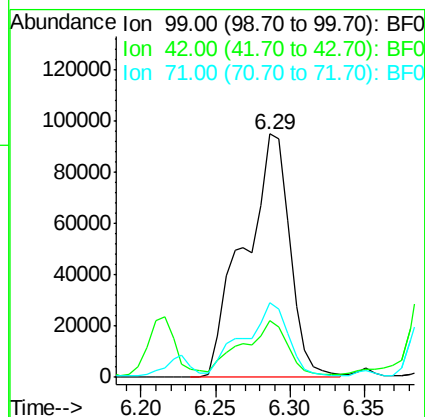
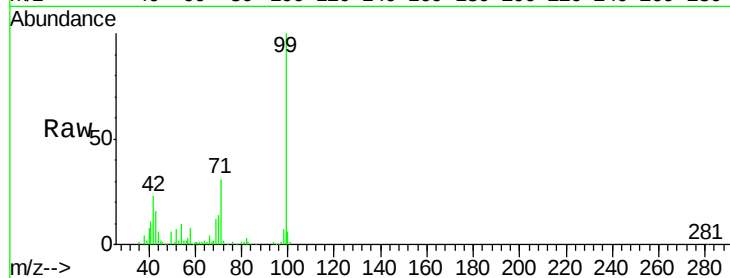
Tgt Ion: 99 Resp: 201566

Ion Ratio Lower Upper

99 100

42 23.2 13.5 20.3#

71 30.5 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF096786.D

Acq: 14 Jul 2017 22:03

Tgt Ion: 136 Resp: 413009

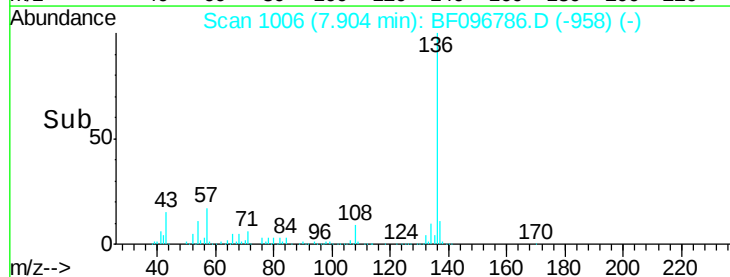
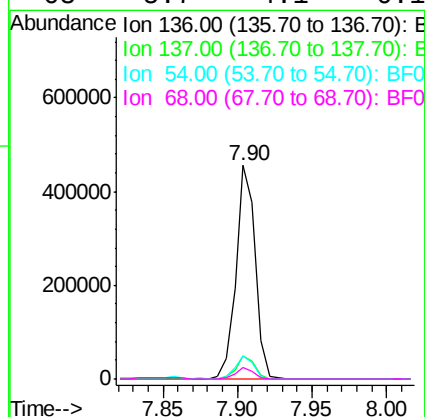
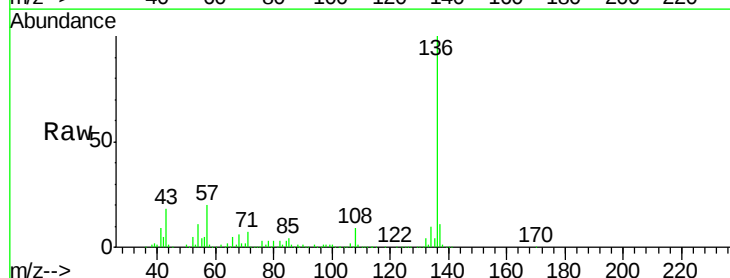
Ion Ratio Lower Upper

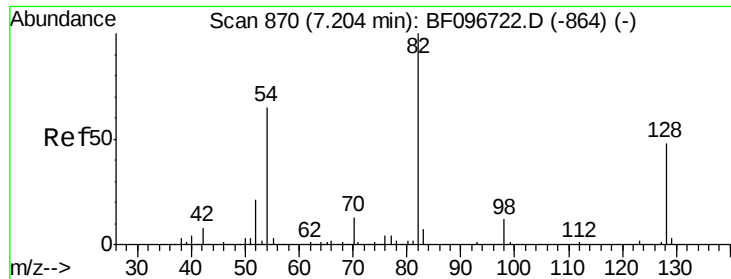
136 100

137 10.7 8.5 12.7

54 10.9 4.9 7.3#

68 5.7 4.1 6.1

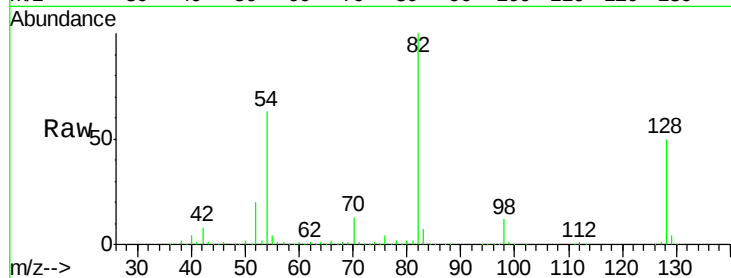




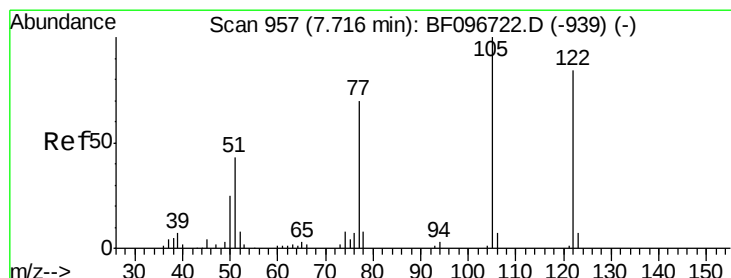
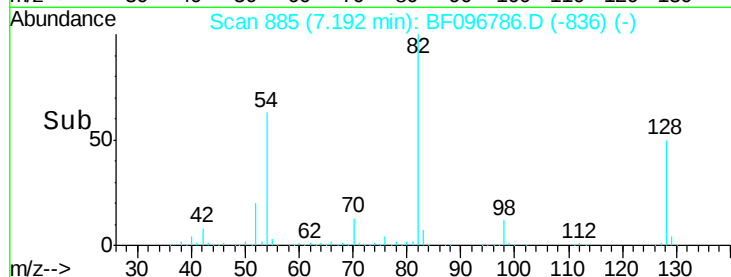
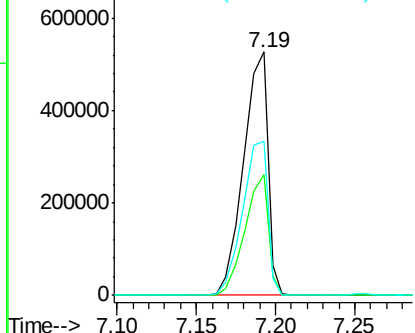
#23
Nitrobenzene-d5
Concen: 84.084 ng
RT: 7.19 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096786.D
Acq: 14 Jul 2017 22:03

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion: 82 Resp: 560653
Ion Ratio Lower Upper
82 100
128 49.5 34.0 51.0
54 63.5 42.2 63.2#

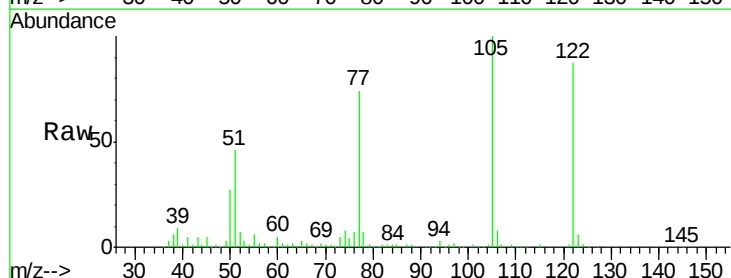


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

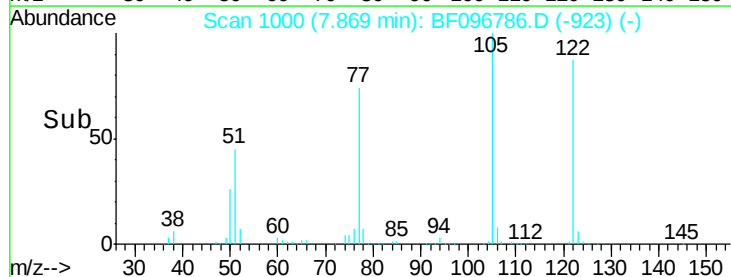
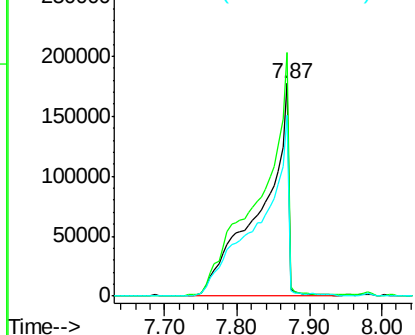


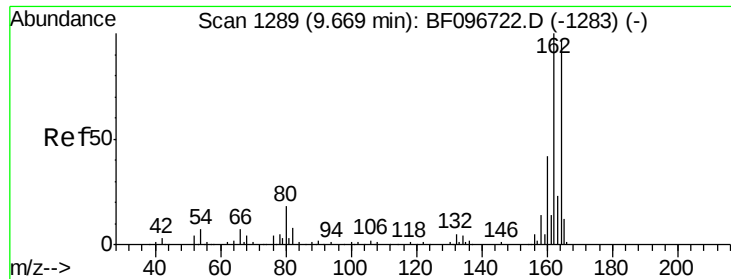
#32
Benzoic acid
Concen: 115.004 ng
RT: 7.87 min Scan# 1000
Delta R.T. 0.15 min
Lab File: BF096786.D
Acq: 14 Jul 2017 22:03

Tgt Ion: 122 Resp: 463678
Ion Ratio Lower Upper
122 100
105 114.7 103.3 143.3
77 85.4 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

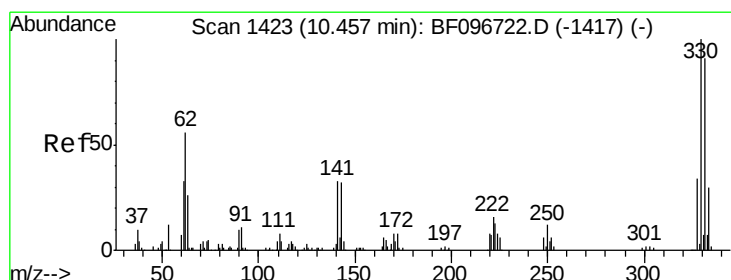
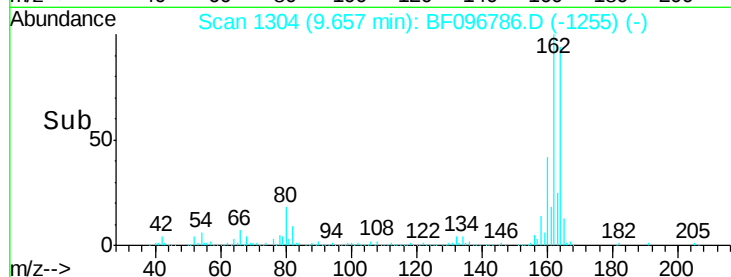
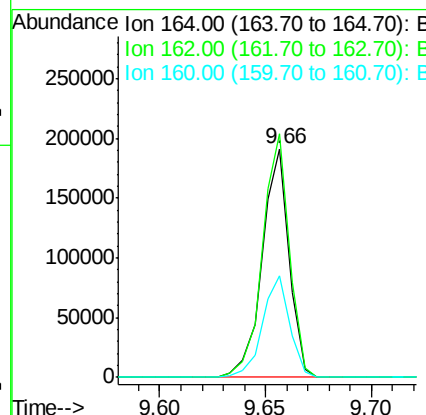
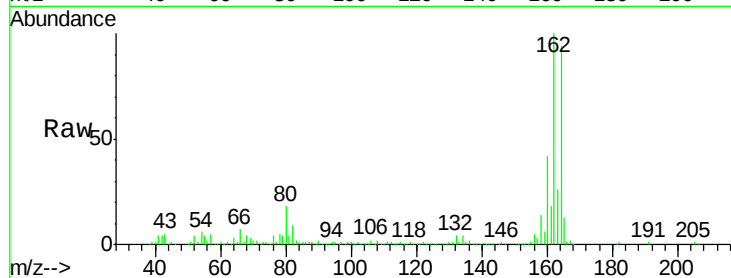




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096786.D
 Acq: 14 Jul 2017 22:03

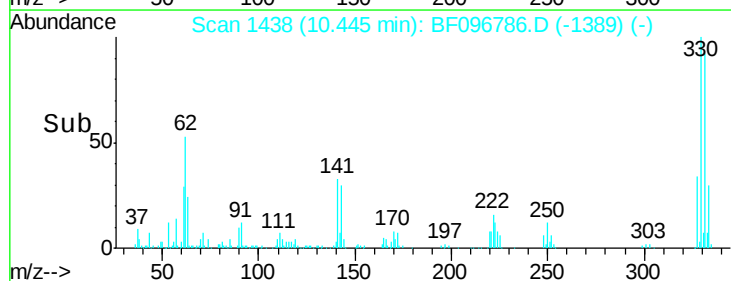
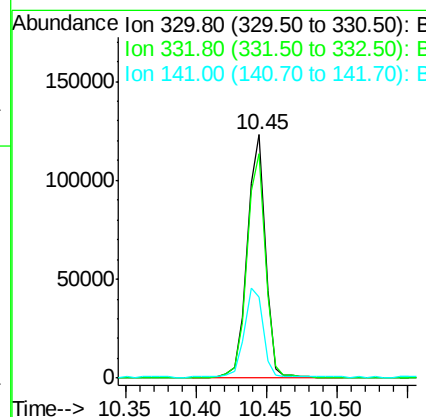
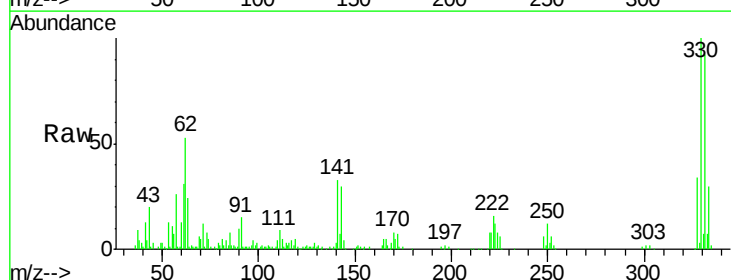
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

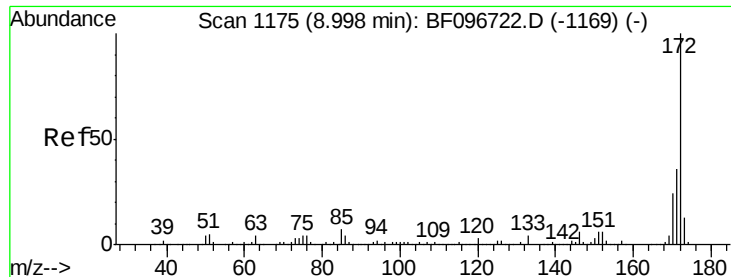
Tgt Ion:164 Resp: 170270
 Ion Ratio Lower Upper
 164 100
 162 106.6 82.6 123.8
 160 44.4 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 76.775 ng
 RT: 10.45 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF096786.D
 Acq: 14 Jul 2017 22:03

Tgt Ion:330 Resp: 111585
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.6 115.0
 141 38.3 31.4 47.2

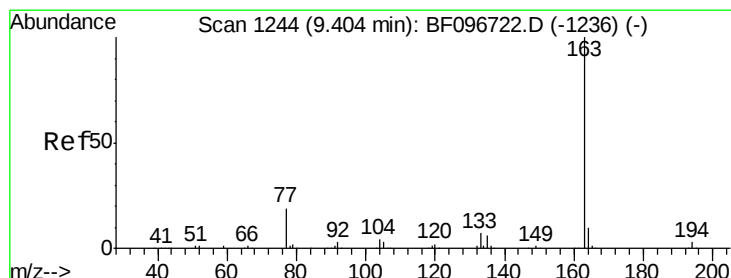
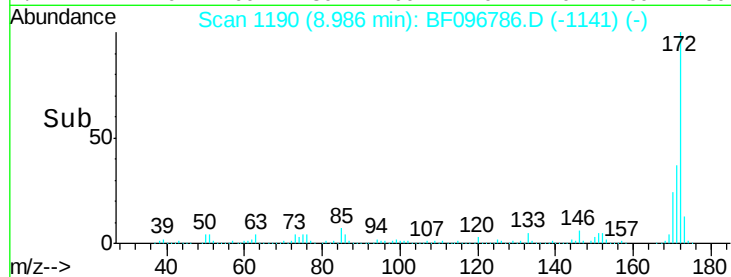
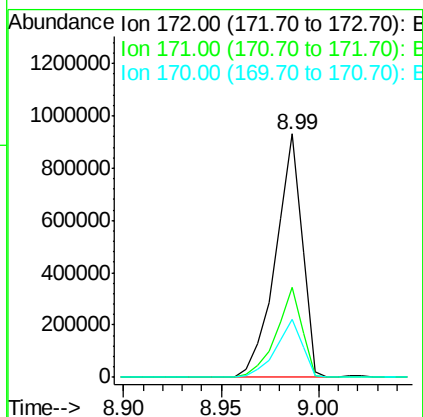
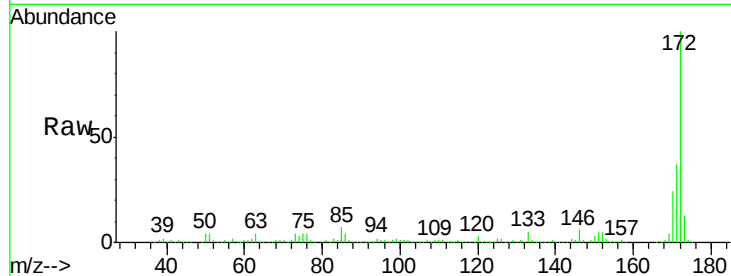




#44
 2-Fluorobiphenyl
 Concen: 81.713 ng
 RT: 8.99 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096786.D
 Acq: 14 Jul 2017 22:03

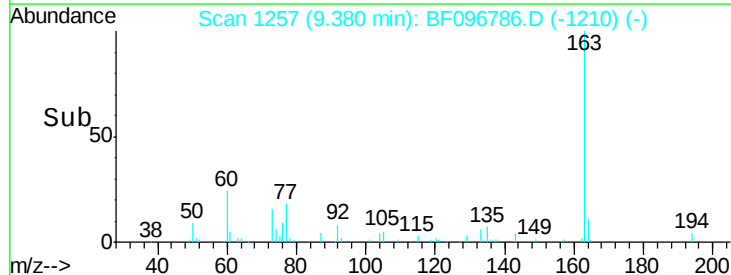
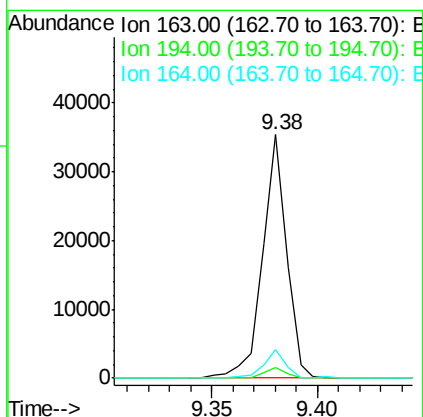
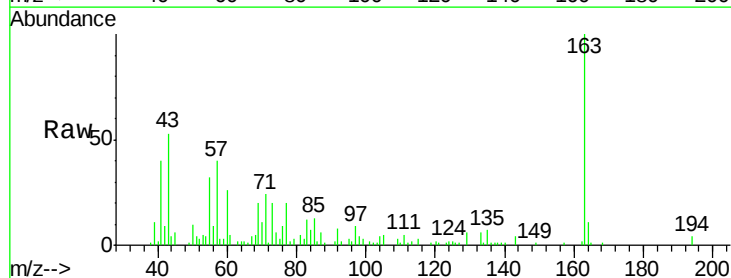
Instrument :
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 EFF-WW

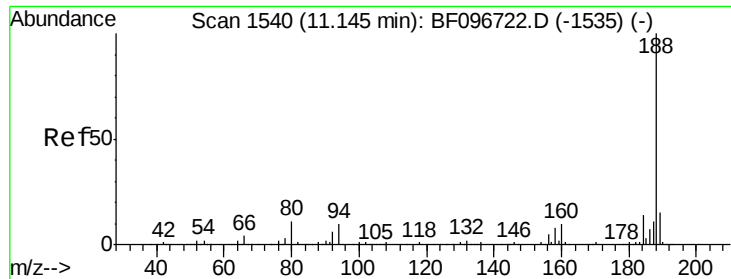
Tgt Ion:172 Resp: 880636
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.0 19.8 29.8



#49
 Dimethylphthalate
 Concen: 2.191 ng
 RT: 9.38 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF096786.D
 Acq: 14 Jul 2017 22:03

Tgt Ion:163 Resp: 28096
 Ion Ratio Lower Upper
 163 100
 194 4.5 2.6 4.0#
 164 11.5 8.4 12.6

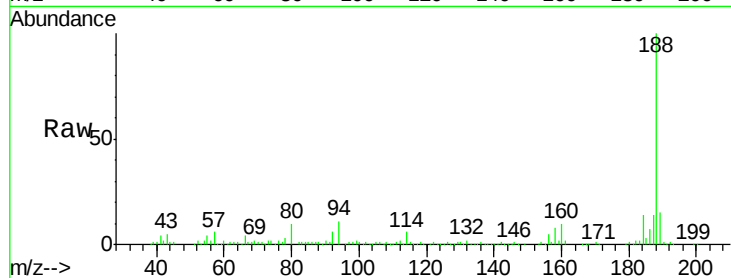




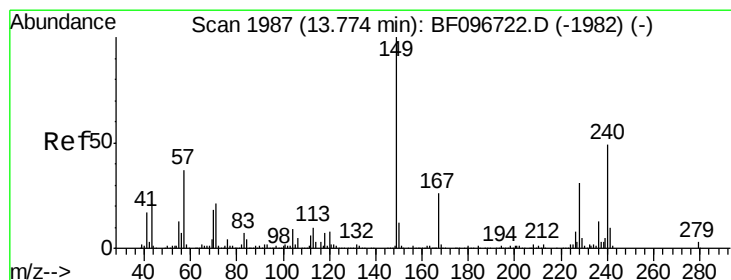
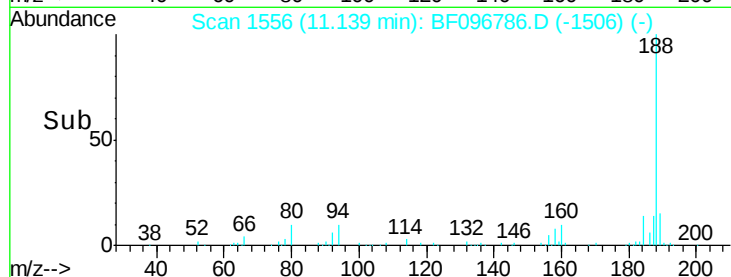
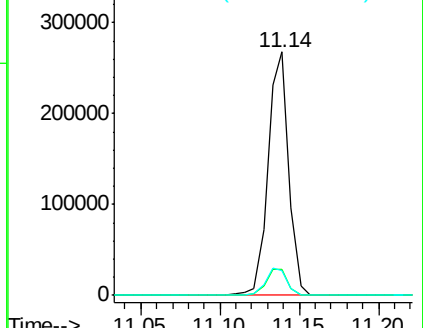
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF096786.D
Acq: 14 Jul 2017 22:03

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:188 Resp: 244671
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.3 10.2 15.2

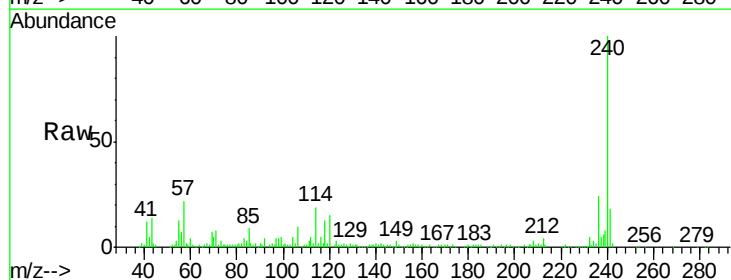


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

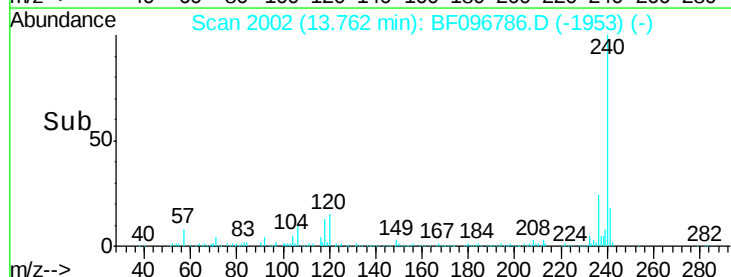
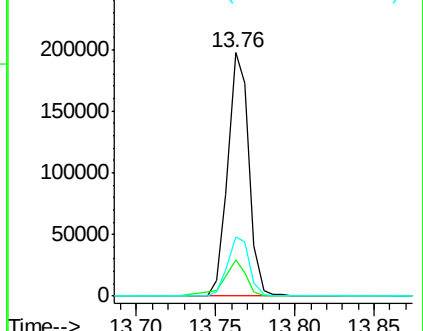


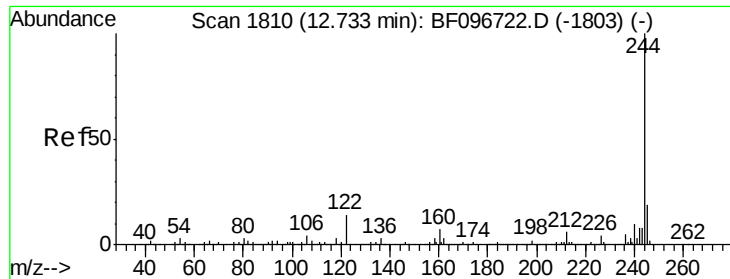
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.76 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096786.D
Acq: 14 Jul 2017 22:03

Tgt Ion:240 Resp: 182064
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 24.5 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: 43.264 ng

RT: 12.72 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF096786.D

Acq: 14 Jul 2017 22:03

Instrument :

BNA_F

ClientSampleId :

EFF-WW

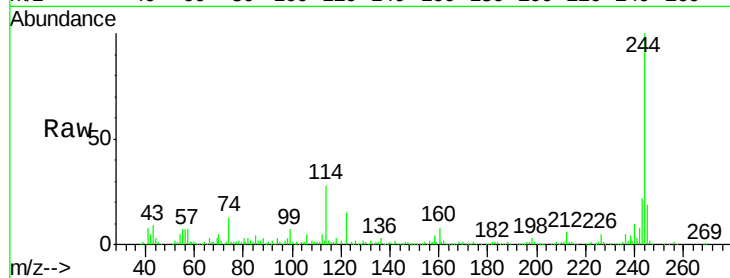
Tgt Ion:244 Resp: 454186

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

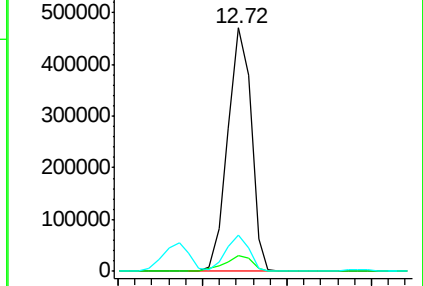
122 15.2 10.3 15.5



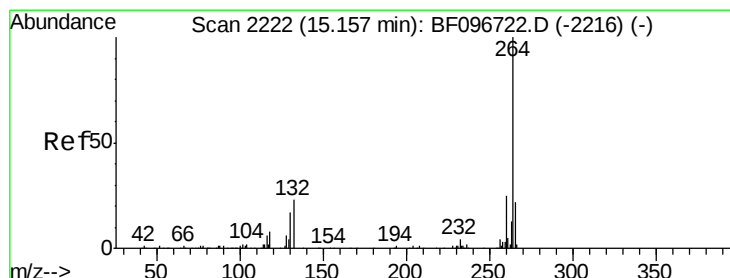
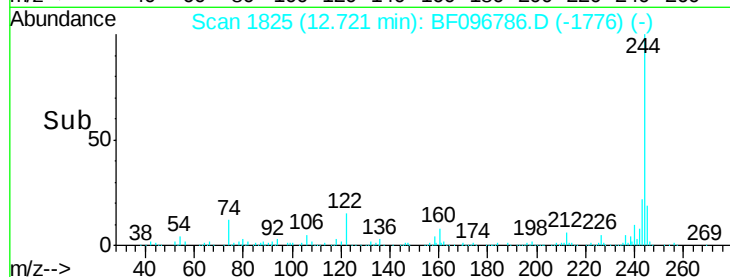
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.65 12.70 12.75 12.80



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.14 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF096786.D

Acq: 14 Jul 2017 22:03

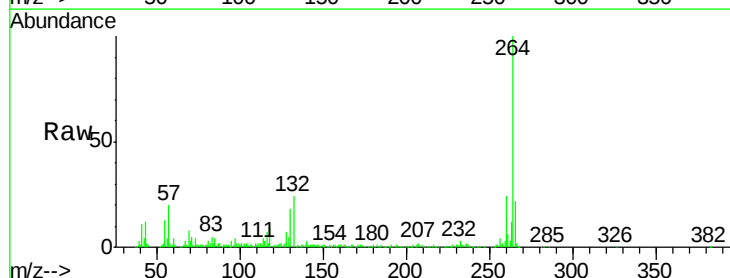
Tgt Ion:264 Resp: 193521

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

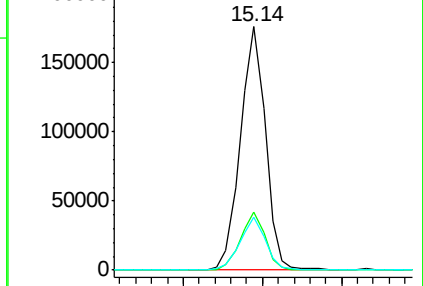
265 21.8 17.2 25.8



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



Time--> 15.10 15.15 15.20

