

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090916\
 Data File : BF090052.D
 Acq On : 9 Sep 2016 17:57
 Operator : UM/SJ
 Sample : H4688-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-UST16

Quant Time: Sep 09 18:50:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

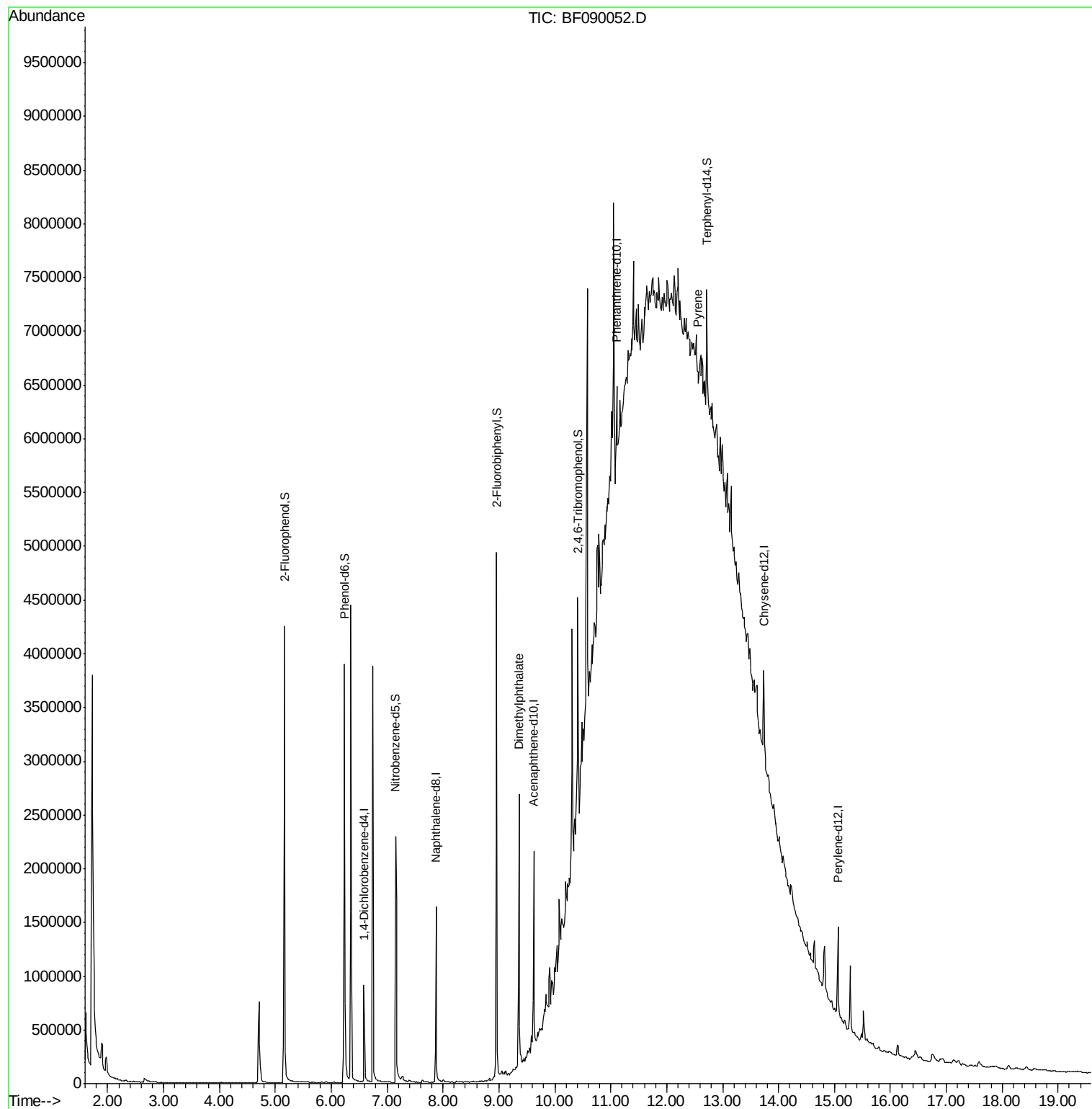
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	194171	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	791505	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	376880	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	425280	20.00	ng	0.00
75) Chrysene-d12	13.74	240	361769	20.00	ng	0.01
86) Perylene-d12	15.06	264	434940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	1519684	125.27	ng	0.00
7) Phenol-d6	6.24	99	1773076	120.29	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1162760	85.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	367088	98.73	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	1881133	81.93	ng	-0.01
78) Terphenyl-d14	12.72	244	745933	50.93	ng	0.03
Target Compounds						
49) Dimethylphthalate	9.36	163	1116326	40.98	ng	Qvalue 99
77) Pyrene	12.56	202	129930m	5.09	ng	

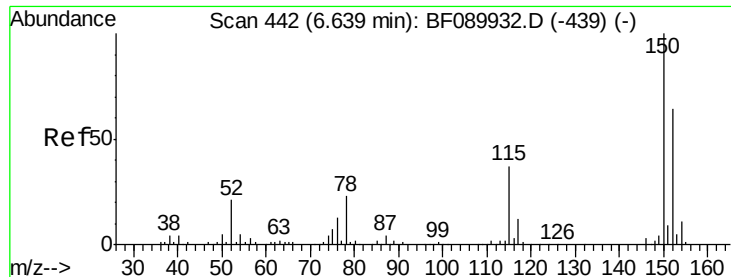
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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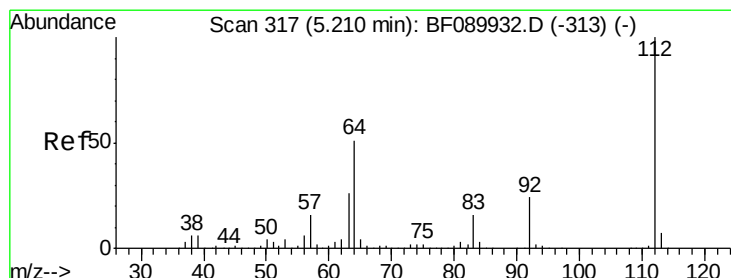
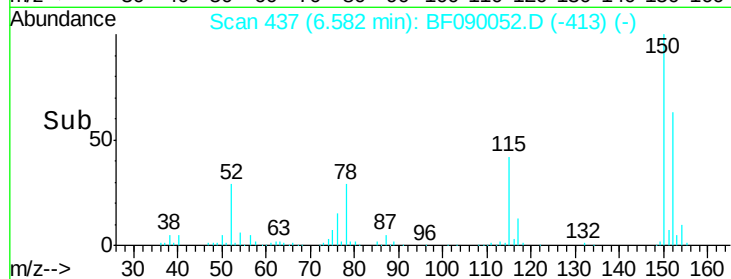
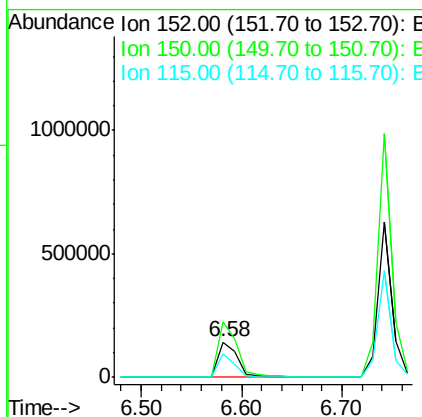
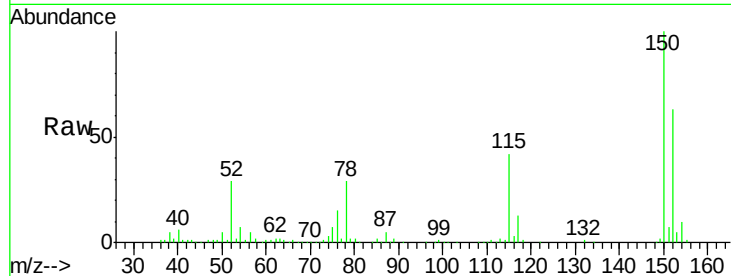


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF090052.D
Acq: 9 Sep 2016 17:57

Instrument :
BNA_F
ClientSampleId :
SS-UST16

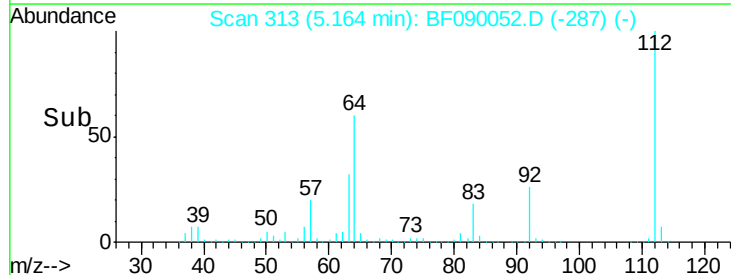
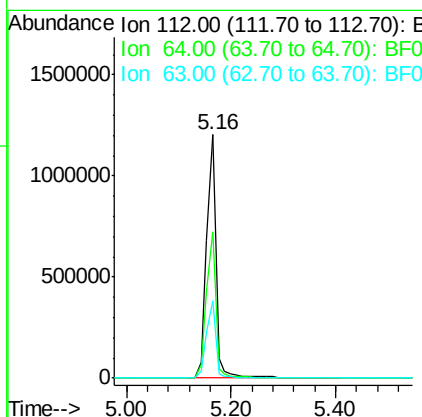
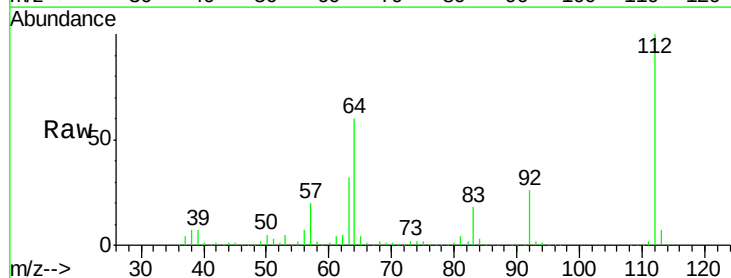
Tgt Ion:152 Resp: 194171
Ion Ratio Lower Upper
152 100
150 159.1 127.4 191.2
115 67.2 46.3 69.5

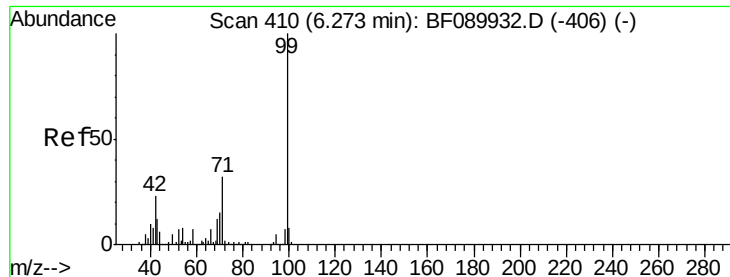


#5

2-Fluorophenol
Concen: 125.27 ng
RT: 5.16 min Scan# 313
Delta R.T. 0.00 min
Lab File: BF090052.D
Acq: 9 Sep 2016 17:57

Tgt Ion:112 Resp: 1519684
Ion Ratio Lower Upper
112 100
64 59.9 41.1 61.7
63 31.7 21.2 31.8





#7

Phenol-d6

Concen: 120.29 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090052.D

Acq: 9 Sep 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SS-UST16

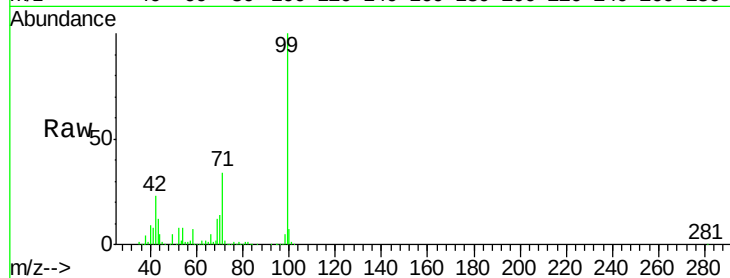
Tgt Ion: 99 Resp: 1773076

Ion Ratio Lower Upper

99 100

42 23.2 18.6 27.8

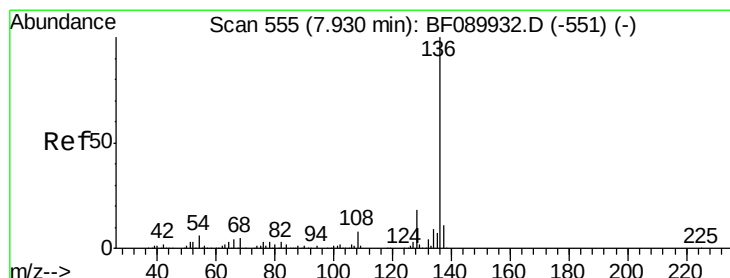
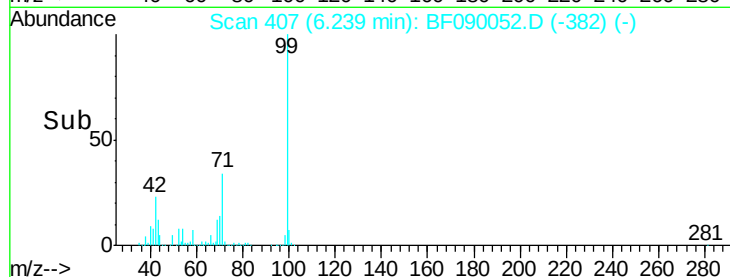
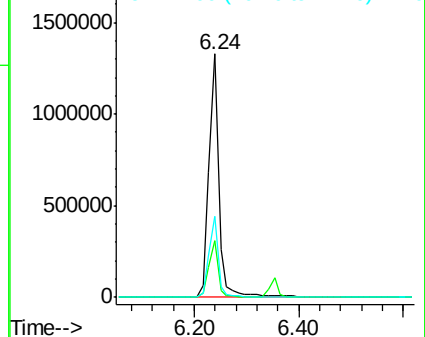
71 33.5 25.8 38.6



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: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF090052.D

Acq: 9 Sep 2016 17:57

Tgt Ion: 136 Resp: 791505

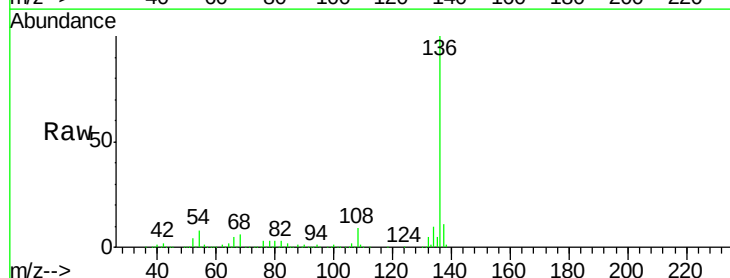
Ion Ratio Lower Upper

136 100

137 11.1 8.3 12.5

54 8.3 4.8 7.2#

68 5.5 3.7 5.5#

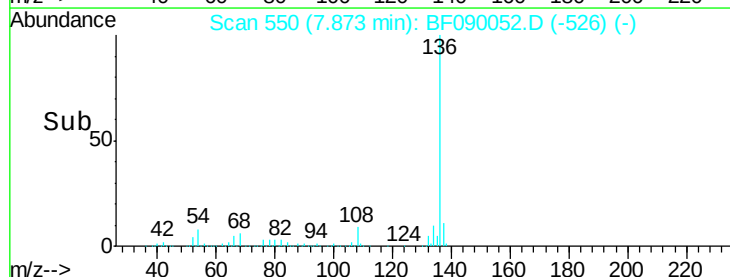
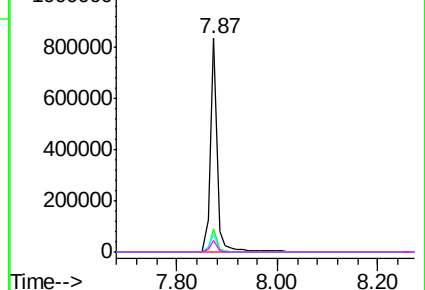


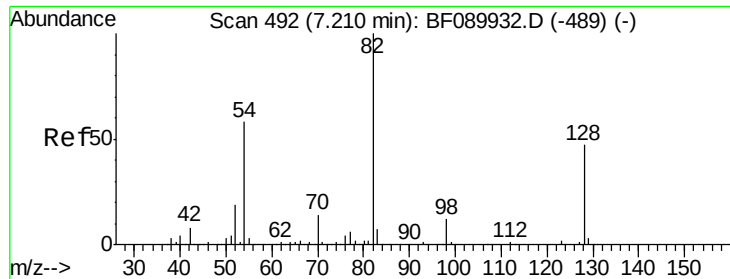
Abundance Ion 136.00 (135.70 to 136.70): E

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

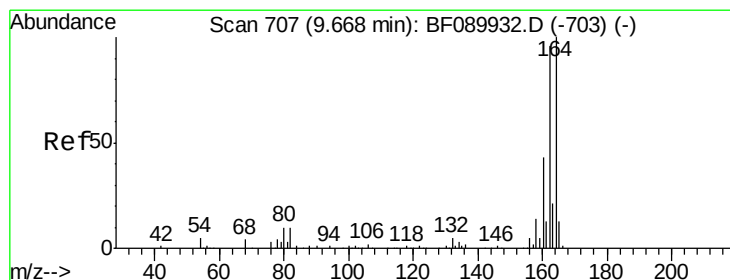
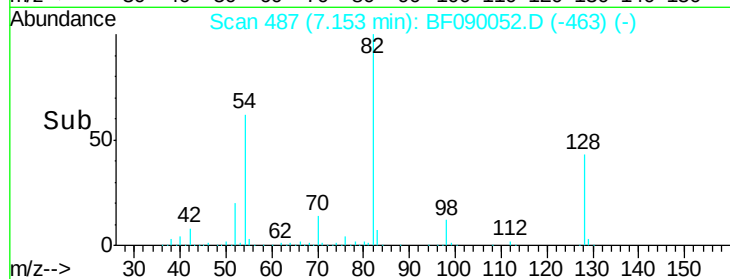
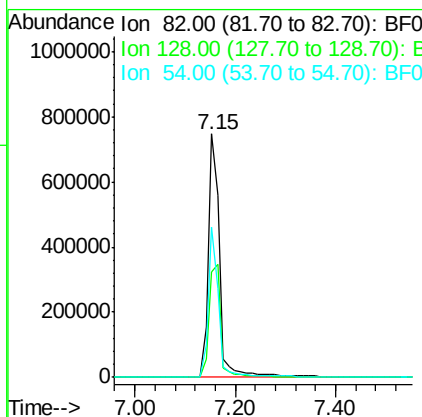
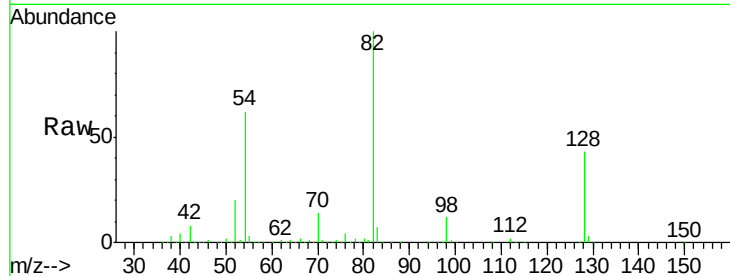




#23
 Nitrobenzene-d5
 Concen: 85.20 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF090052.D
 Acq: 9 Sep 2016 17:57

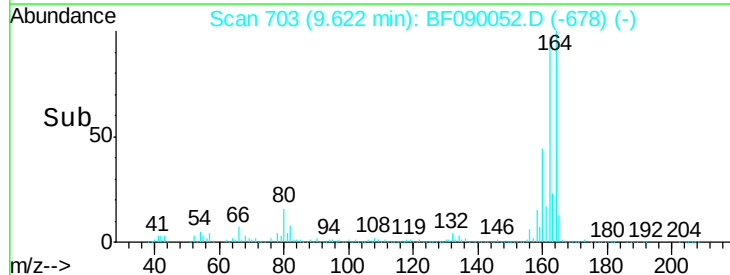
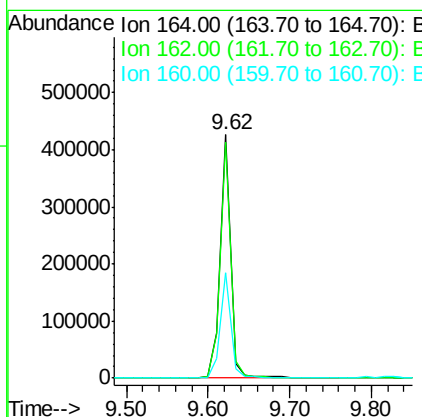
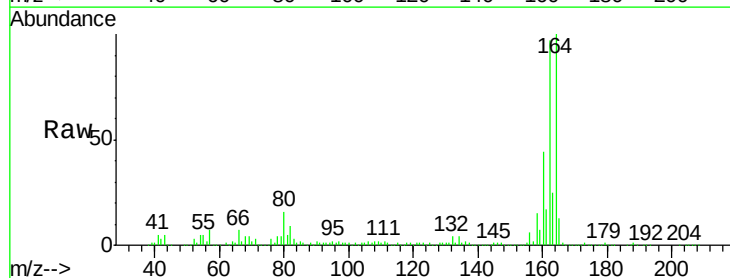
Instrument :
 BNA_F
 ClientSampleId :
 SS-UST16

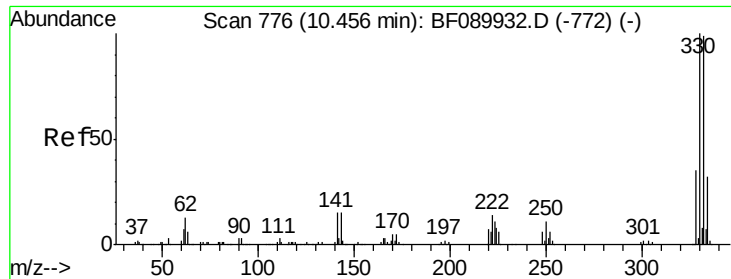
Tgt Ion: 82 Resp: 1162760
 Ion Ratio Lower Upper
 82 100
 128 43.2 37.8 56.8
 54 61.6 46.9 70.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF090052.D
 Acq: 9 Sep 2016 17:57

Tgt Ion: 164 Resp: 376880
 Ion Ratio Lower Upper
 164 100
 162 96.8 77.1 115.7
 160 43.5 35.3 52.9

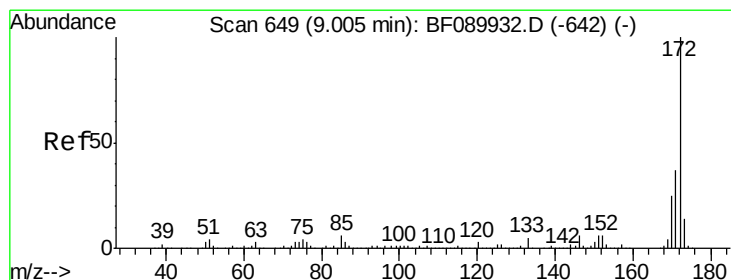
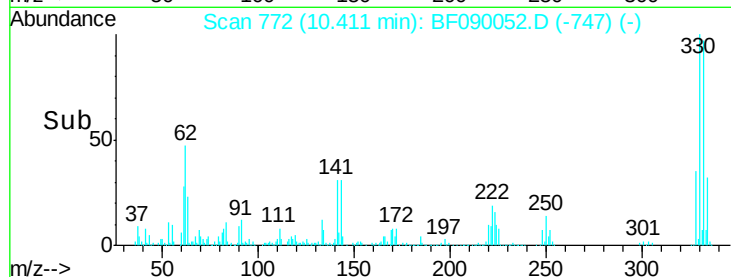
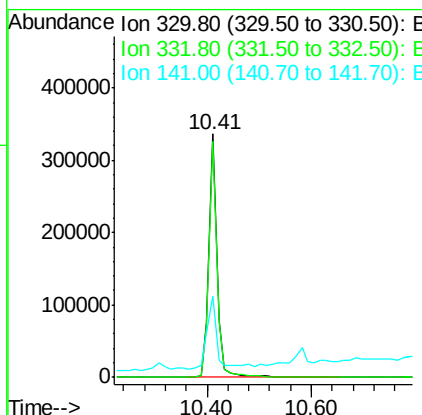
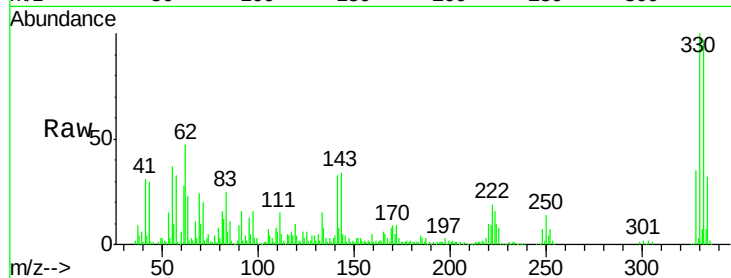




#41
 2,4,6-Tribromophenol
 Concen: 98.73 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF090052.D
 Acq: 9 Sep 2016 17:57

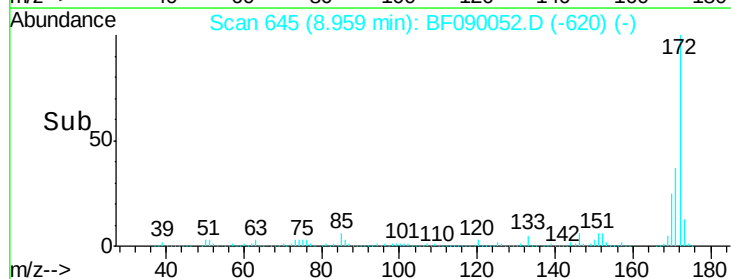
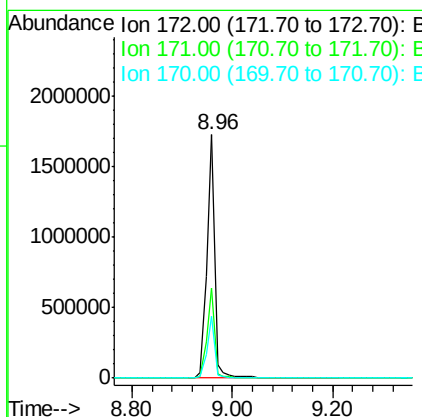
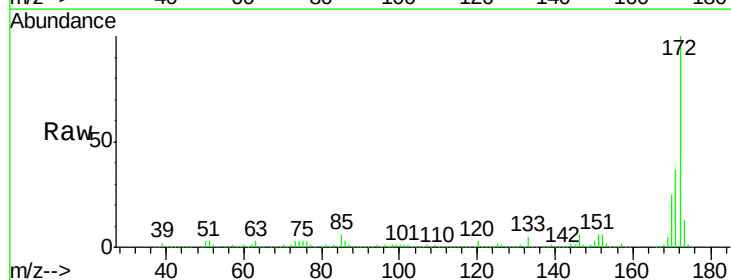
Instrument :
 BNA_F
 ClientSampleId :
 SS-UST16

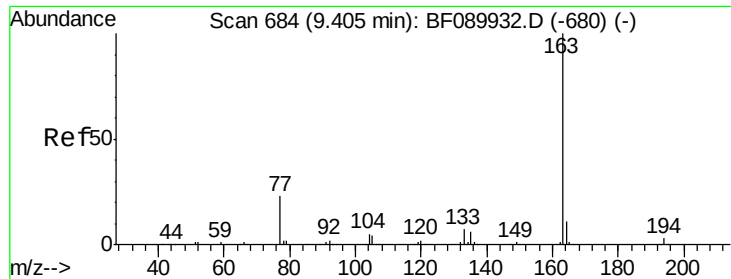
Tgt Ion:330 Resp: 367088
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.6 117.8
 141 34.6 23.3 34.9



#44
 2-Fluorobiphenyl
 Concen: 81.93 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF090052.D
 Acq: 9 Sep 2016 17:57

Tgt Ion:172 Resp: 1881133
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.2
 170 25.2 20.1 30.1





#49

Dimethylphthalate

Concen: 40.98 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF090052.D

Acq: 9 Sep 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SS-UST16

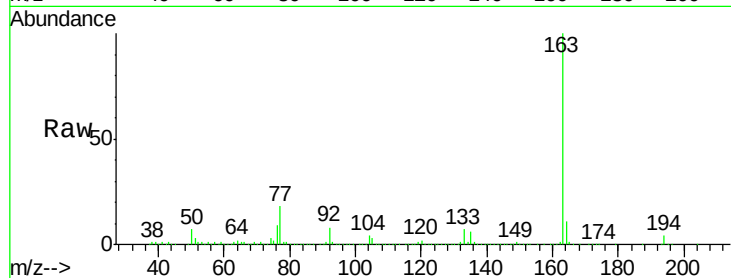
Tgt Ion:163 Resp: 1116326

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

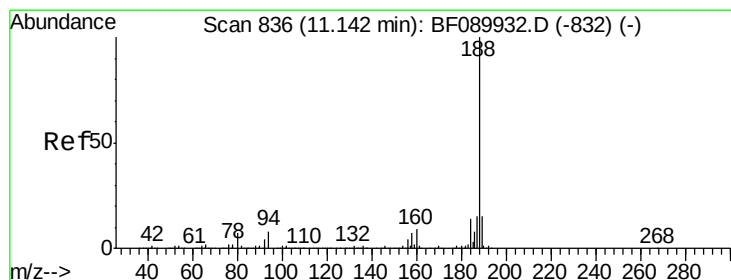
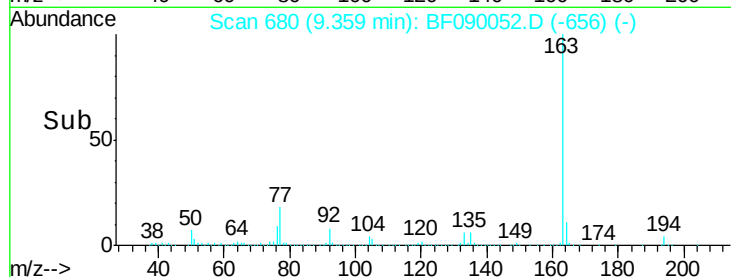
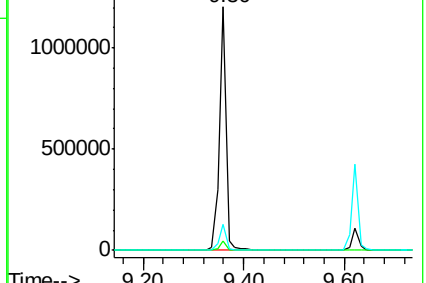
164 10.9 9.0 13.4



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: 11.11 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF090052.D

Acq: 9 Sep 2016 17:57

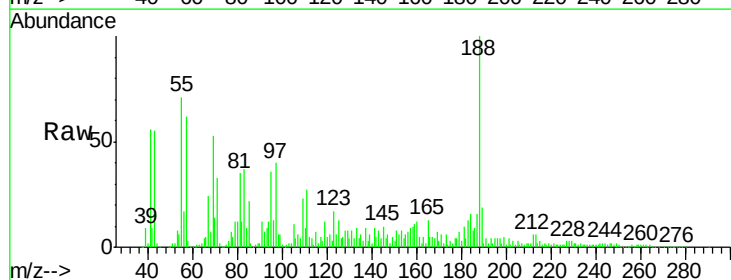
Tgt Ion:188 Resp: 425280

Ion Ratio Lower Upper

188 100

94 12.1 5.9 8.9#

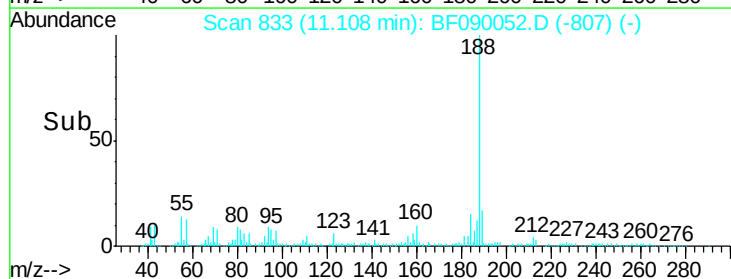
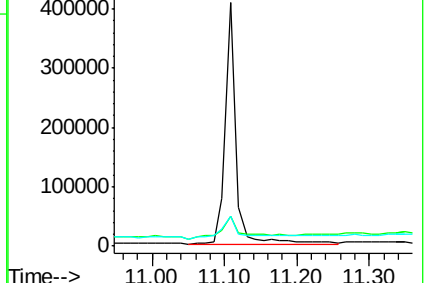
80 12.4 5.8 8.8#

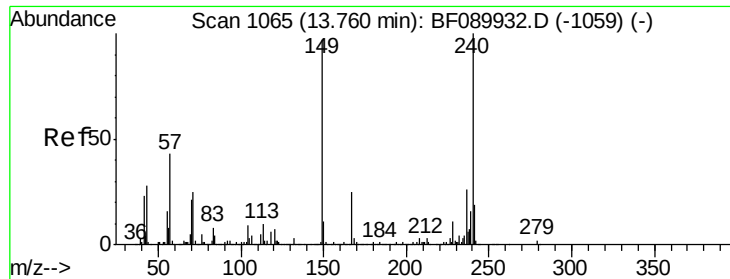


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.74 min Scan# 1063

Delta R.T. 0.01 min

Lab File: BF090052.D

Acq: 9 Sep 2016 17:57

Instrument :

BNA_F

ClientSampleId :

SS-UST16

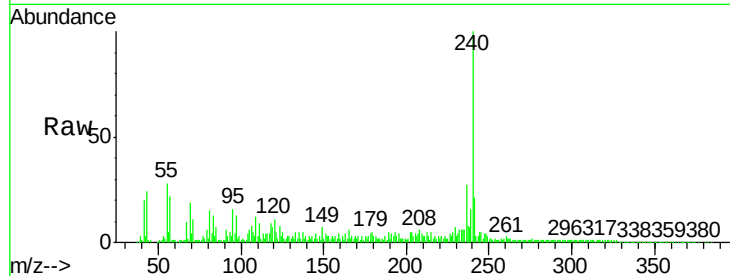
Tgt Ion:240 Resp: 361769

Ion Ratio Lower Upper

240 100

120 11.0 5.7 8.5#

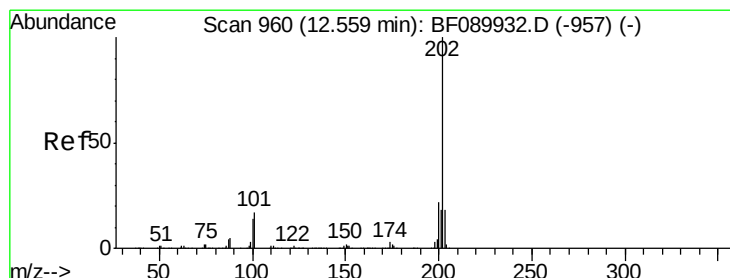
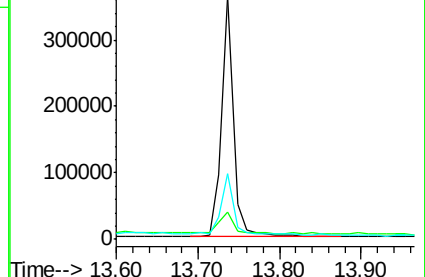
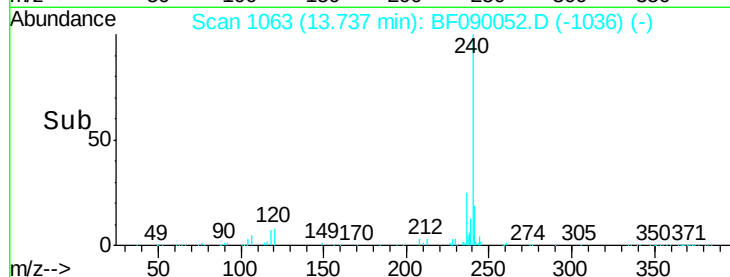
236 27.1 21.3 31.9



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



#77

Pyrene

Concen: 5.09 ng m

RT: 12.56 min Scan# 960

Delta R.T. 0.02 min

Lab File: BF090052.D

Acq: 9 Sep 2016 17:57

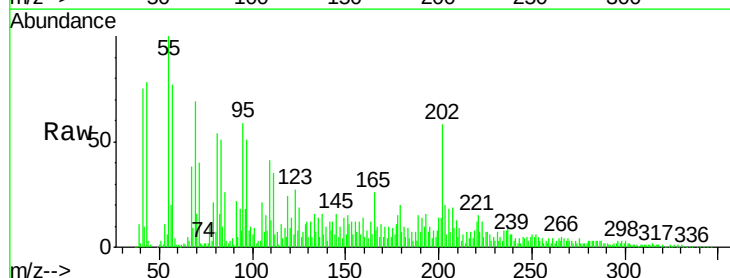
Tgt Ion:202 Resp: 129930

Ion Ratio Lower Upper

202 100

200 24.2 17.6 26.4

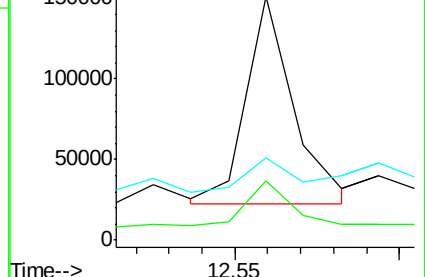
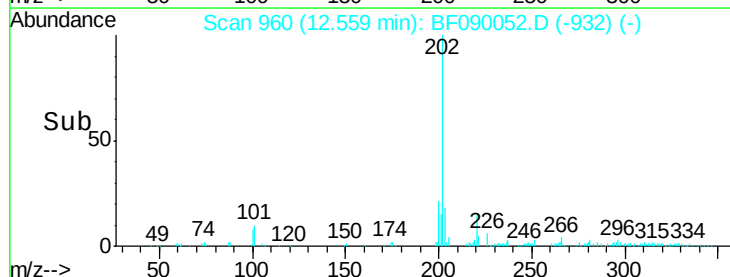
203 33.8 14.6 21.8#

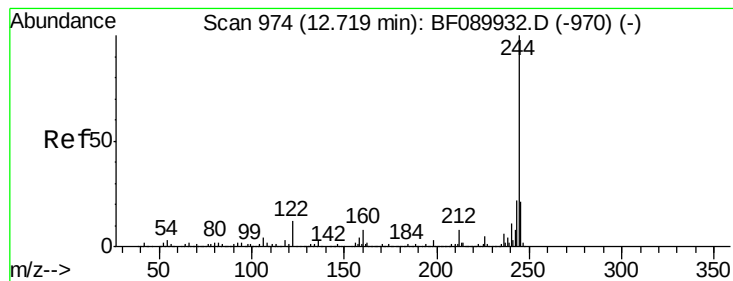


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 50.93 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.03 min

Lab File: BF090052.D

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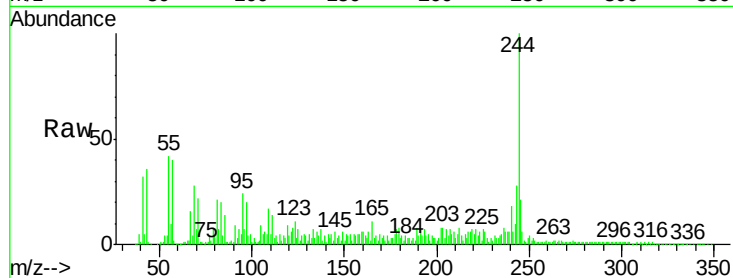
Tgt Ion:244 Resp: 745933

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

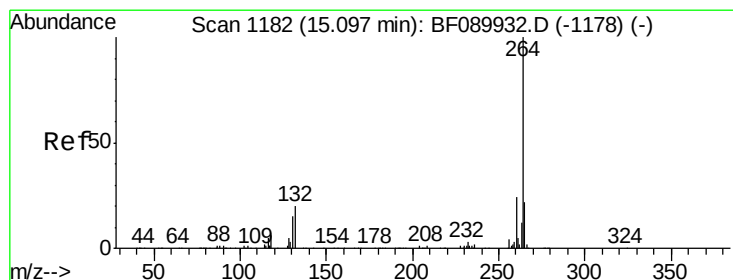
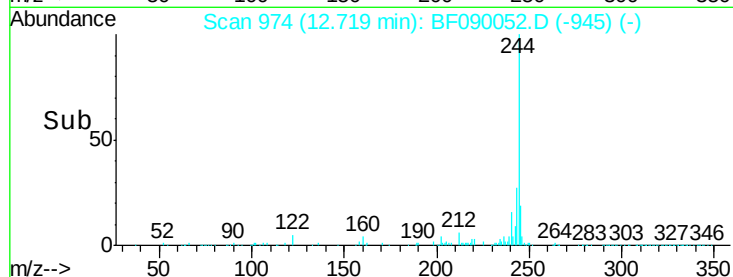
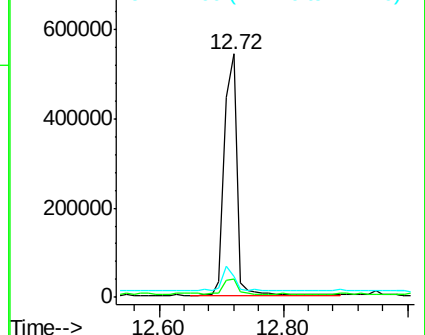
122 8.5 9.6 14.4#



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: 15.06 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF090052.D

Acq: 9 Sep 2016 17:57

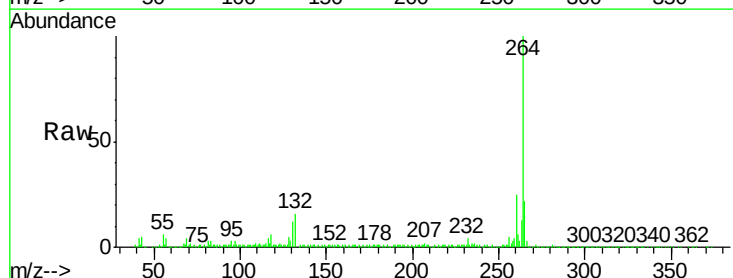
Tgt Ion:264 Resp: 434940

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.0

265 21.9 17.4 26.2



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

