

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086951.D
 Acq On : 13 May 2016 1:16
 Operator : UM/SJ
 Sample : H2977-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 90TH-AVE-SB-21-0.5-6.0

Quant Time: May 13 02:32:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 00:58:18 2016
 Response via : Initial Calibration

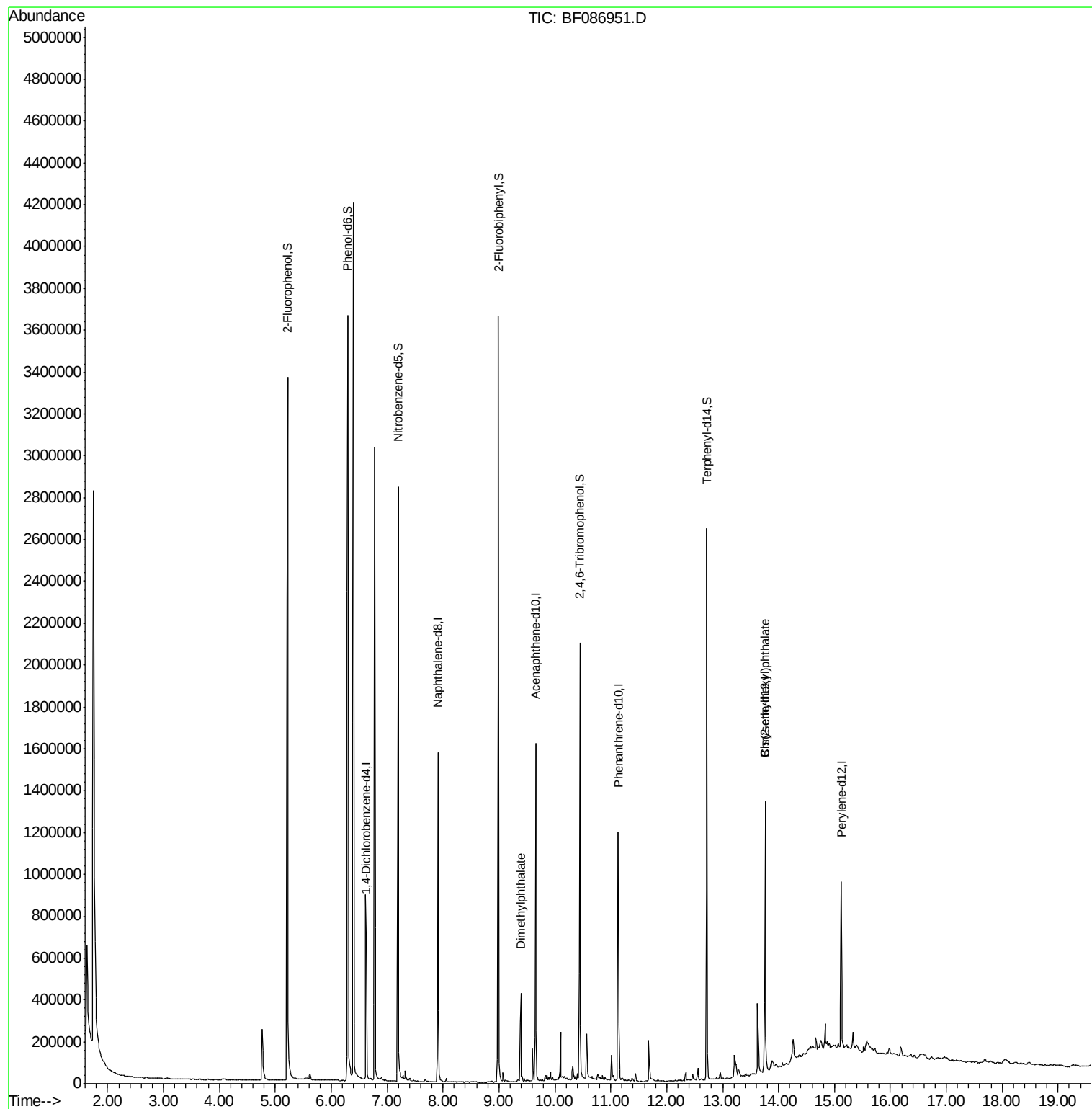
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	165501	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	654645	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	286519	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	414933	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	382673	20.00	ng	-0.01
86) Perylene-d12	15.12	264	327781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1062230	108.69	ng	0.01
7) Phenol-d6	6.30	99	1410526	108.00	ng	0.00
23) Nitrobenzene-d5	7.20	82	925921	71.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	210228	69.31	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1295416	75.99	ng	0.00
78) Terphenyl-d14	12.72	244	784585	43.50	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	208600	9.54	ng	98
83) Bis(2-ethylhexyl)phthalate	13.76	149	32187	2.16	ng	98

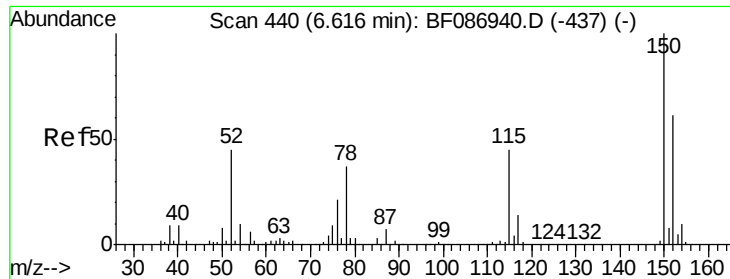
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF086951.D

Acq: 13 May 2016 1:16

Instrument :

BNA_F

ClientSampleId :

90TH-AVE-SB-21-0.5-6.0

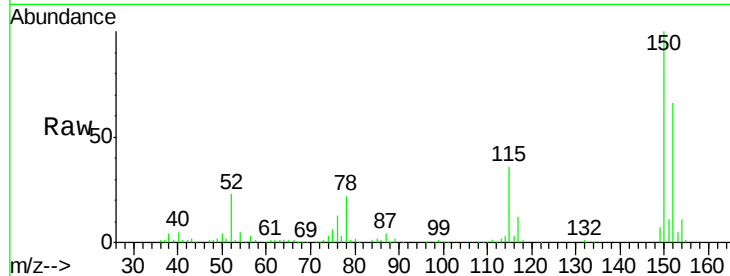
Tgt Ion:152 Resp: 165501

Ion Ratio Lower Upper

152 100

150 152.6 125.8 188.6

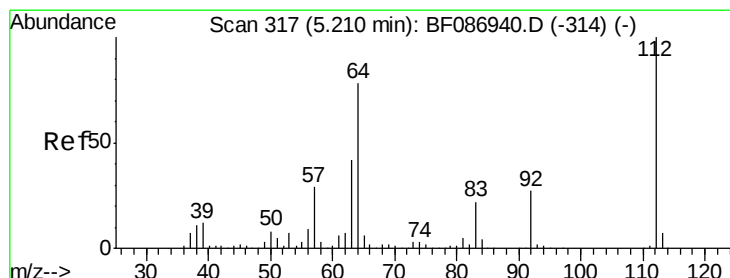
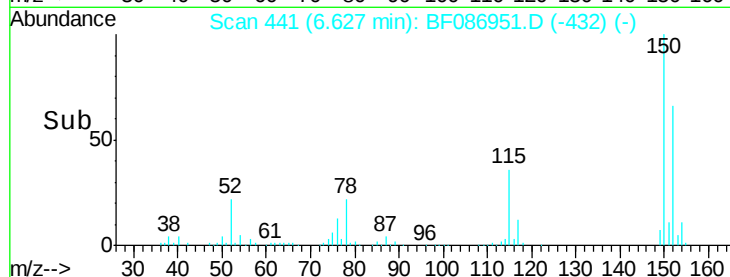
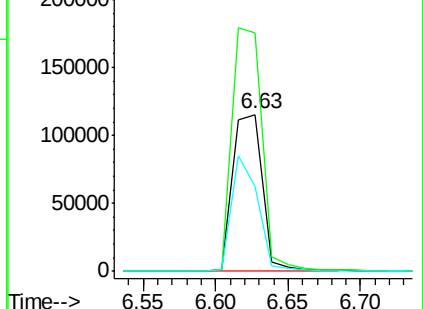
115 54.2 51.5 77.3



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: 108.69 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF086951.D

Acq: 13 May 2016 1:16

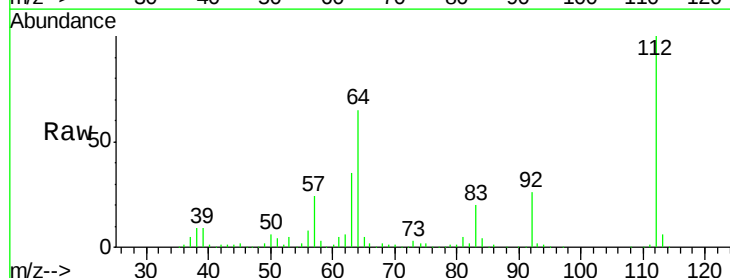
Tgt Ion:112 Resp: 1062230

Ion Ratio Lower Upper

112 100

64 65.0 52.1 78.1

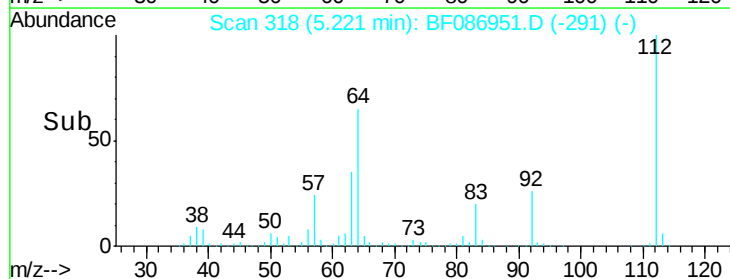
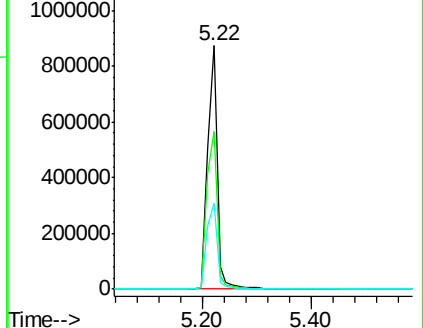
63 35.3 25.7 38.5



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: 108.00 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF086951.D

Acq: 13 May 2016 1:16

Instrument :

BNA_F

ClientSampleId :

90TH-AVE-SB-21-0.5-6.0

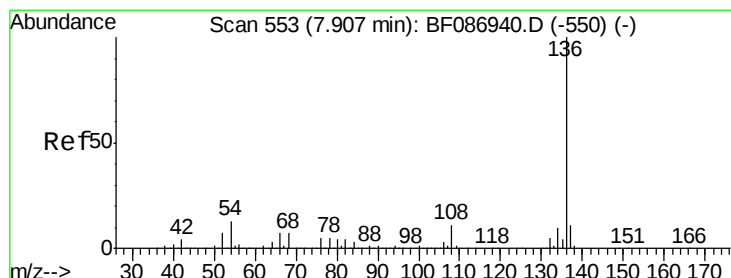
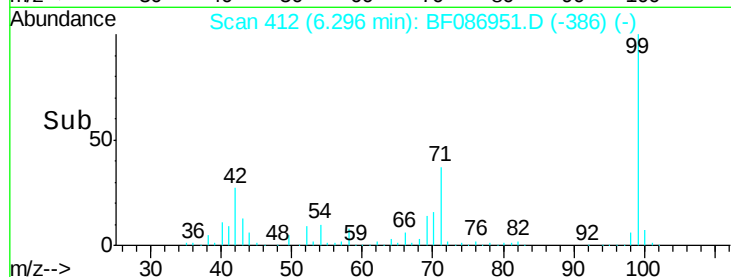
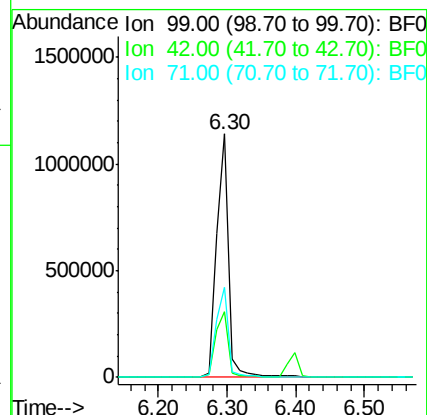
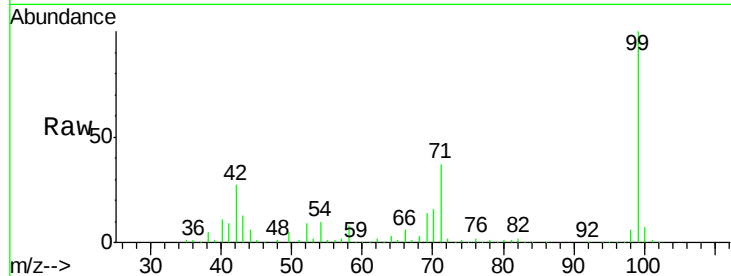
Tgt Ion: 99 Resp: 1410526

Ion Ratio Lower Upper

99 100

42 27.0 13.6 20.4#

71 37.2 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF086951.D

Acq: 13 May 2016 1:16

Tgt Ion: 136 Resp: 654645

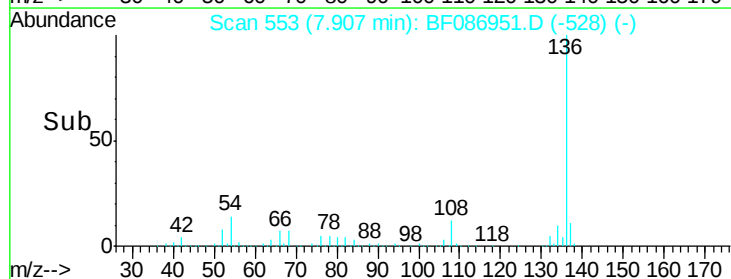
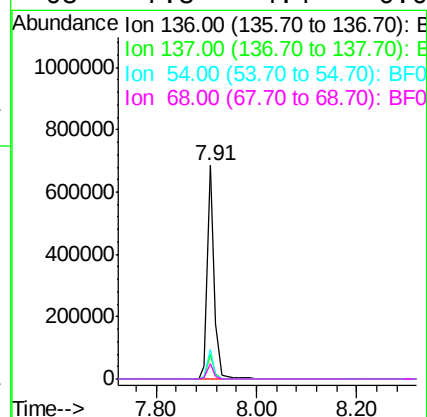
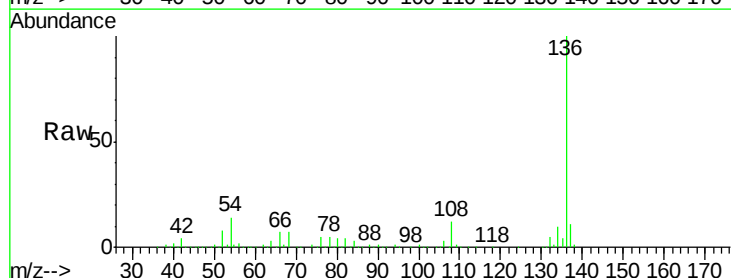
Ion Ratio Lower Upper

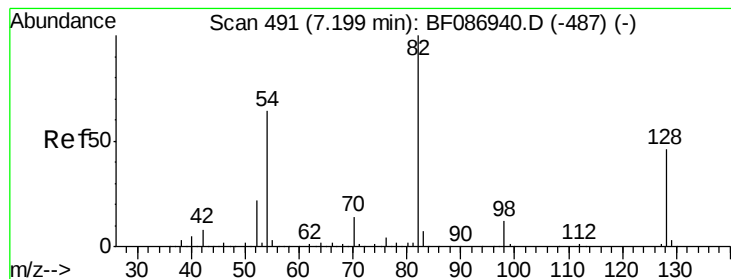
136 100

137 11.4 8.8 13.2

54 13.9 5.0 7.4#

68 7.3 4.4 6.6#





#23

Nitrobenzene-d5

Concen: 71.02 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF086951.D

Acq: 13 May 2016 1:16

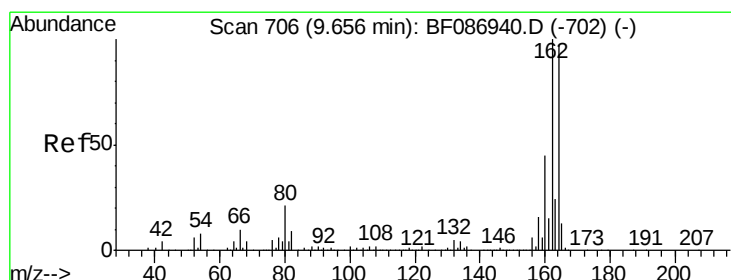
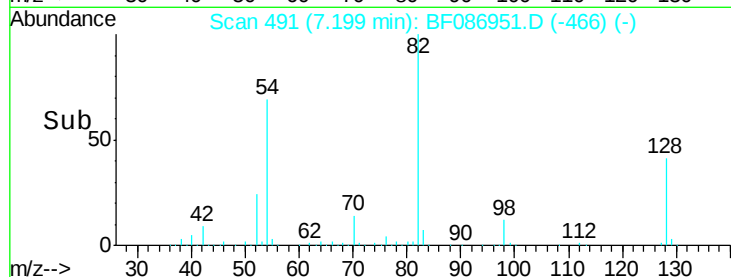
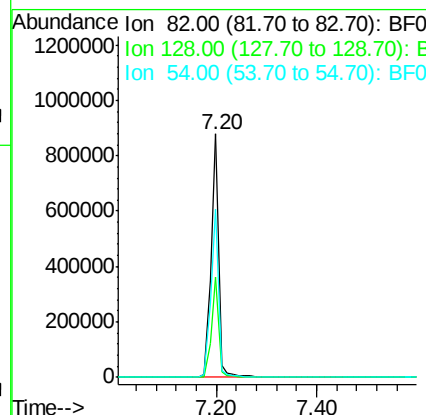
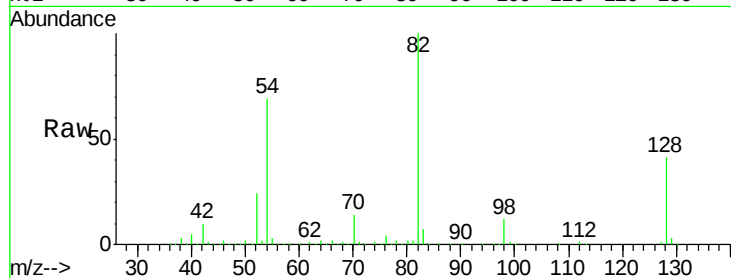
Instrument :

BNA_F

ClientSampleId :

90TH-AVE-SB-21-0.5-6.0

Tgt Ion:	82	Resp:	925921
Ion Ratio	Lower	Upper	
82	100		
128	41.0	40.6	61.0
54	69.2	38.1	57.1#



#38

Acenaphthene-d10

Concen: 20.00 ng

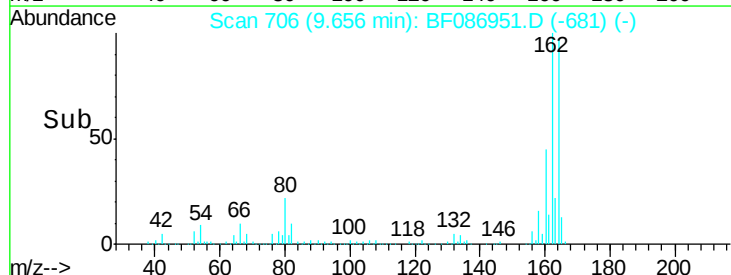
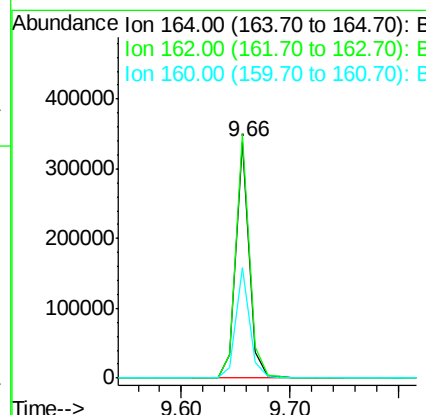
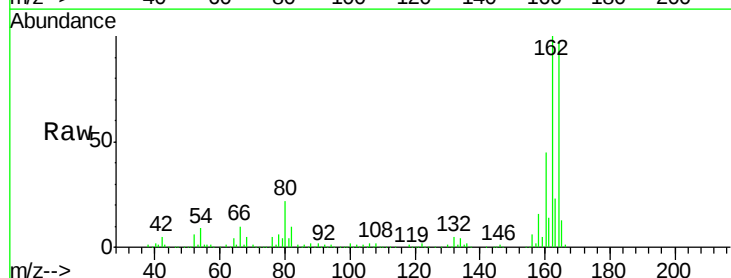
RT: 9.66 min Scan# 706

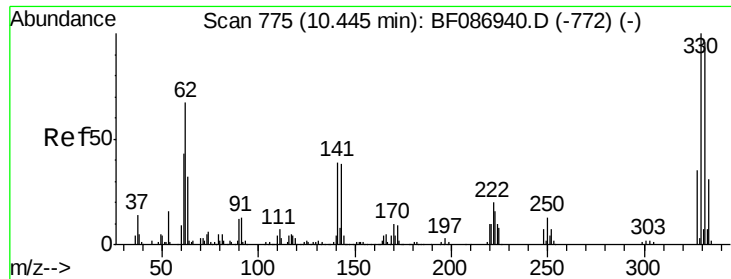
Delta R.T. -0.01 min

Lab File: BF086951.D

Acq: 13 May 2016 1:16

Tgt Ion:	164	Resp:	286519
Ion Ratio	Lower	Upper	
164	100		
162	102.9	82.8	124.2
160	46.7	36.9	55.3

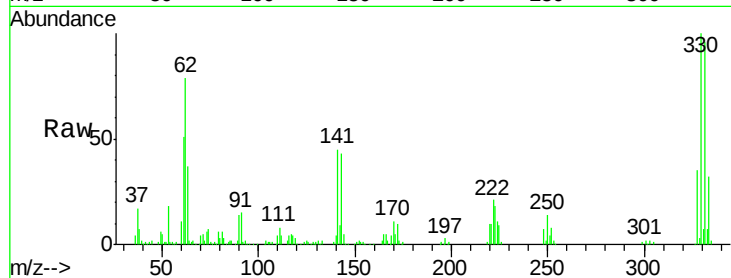




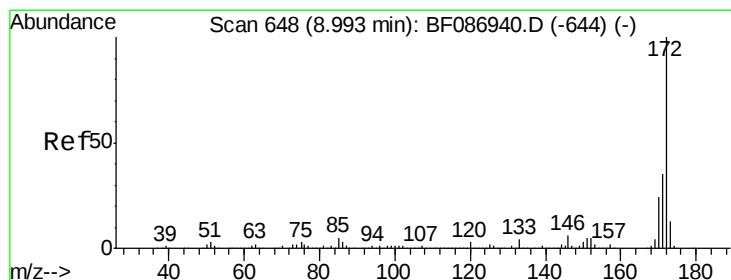
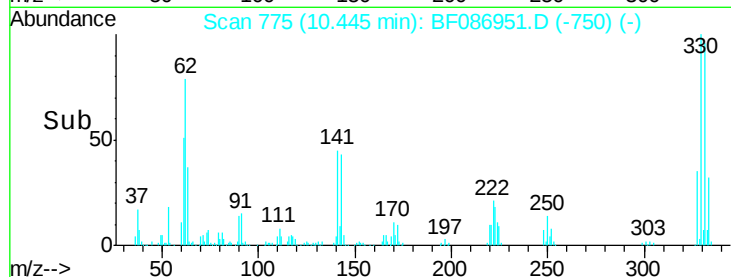
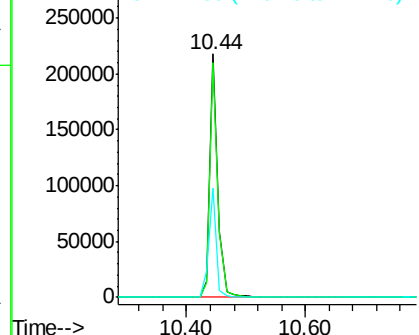
#41
 2,4,6-Tribromophenol
 Concen: 69.31 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF086951.D
 Acq: 13 May 2016 1:16

Instrument :
 BNA_F
 ClientSampleId :
 90TH-AVE-SB-21-0.5-6.0

Tgt Ion:330 Resp: 210228
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 42.6 31.2 46.8

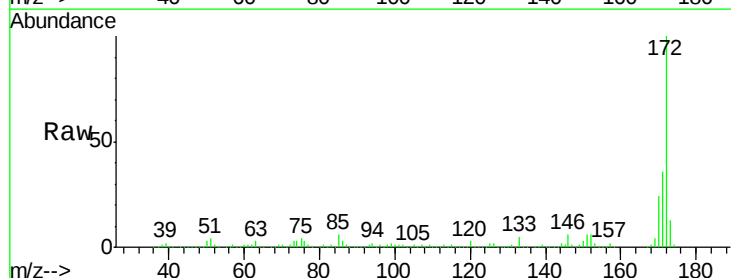


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

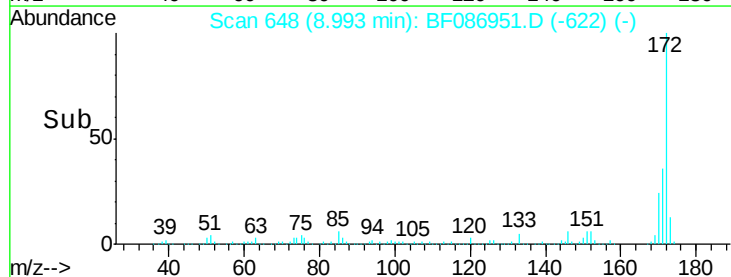
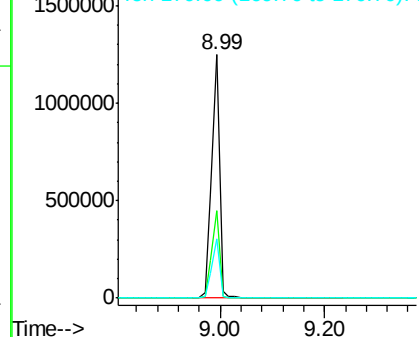


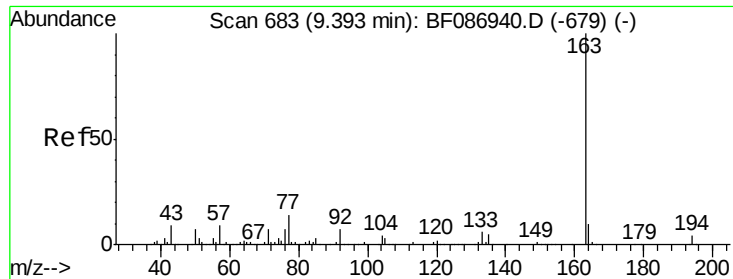
#44
 2-Fluorobiphenyl
 Concen: 75.99 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF086951.D
 Acq: 13 May 2016 1:16

Tgt Ion:172 Resp: 1295416
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.2 19.8 29.8



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

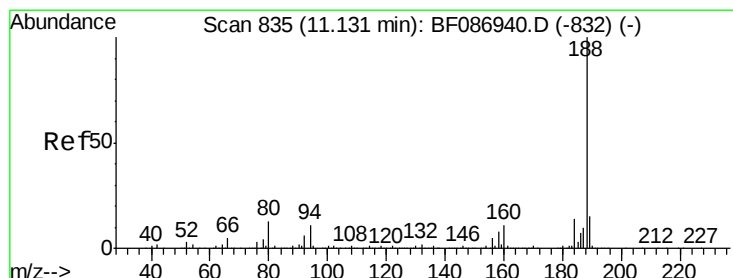
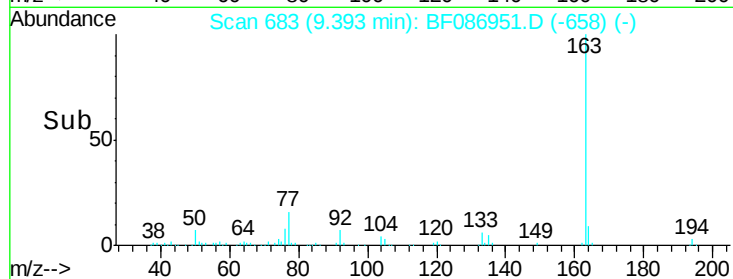
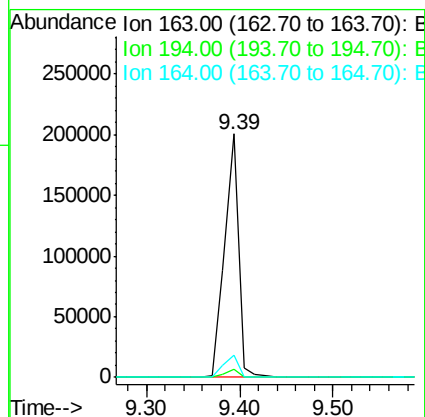
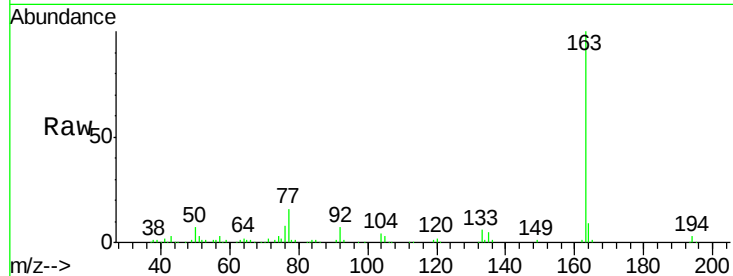




#49
Dimethylphthalate
Concen: 9.54 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF086951.D
Acq: 13 May 2016 1:16

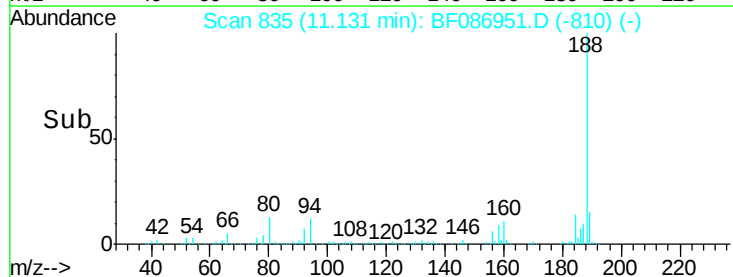
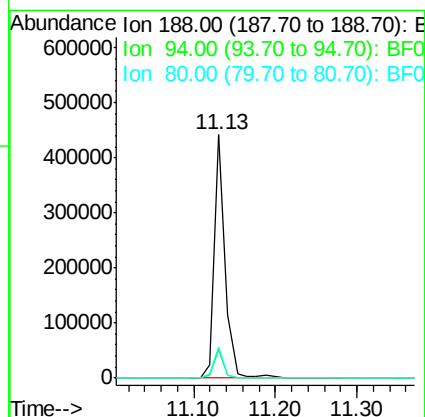
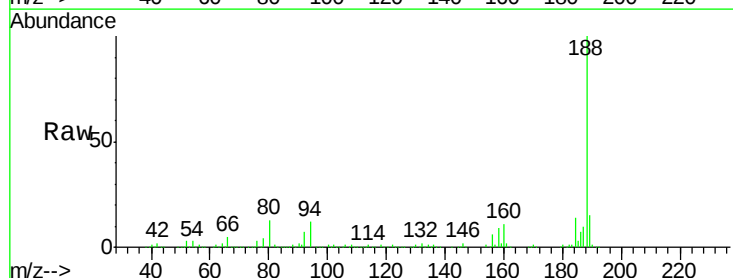
Instrument :
BNA_F
ClientSampleId :
90TH-AVE-SB-21-0.5-6.0

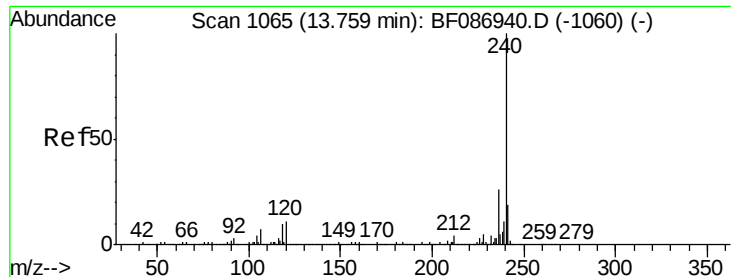
Tgt Ion:163 Resp: 208600
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.2 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF086951.D
Acq: 13 May 2016 1:16

Tgt Ion:188 Resp: 414933
Ion Ratio Lower Upper
188 100
94 11.9 6.8 10.2#
80 13.0 7.1 10.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF086951.D

Acq: 13 May 2016 1:16

Instrument :

BNA_F

ClientSampleId :

90TH-AVE-SB-21-0.5-6.0

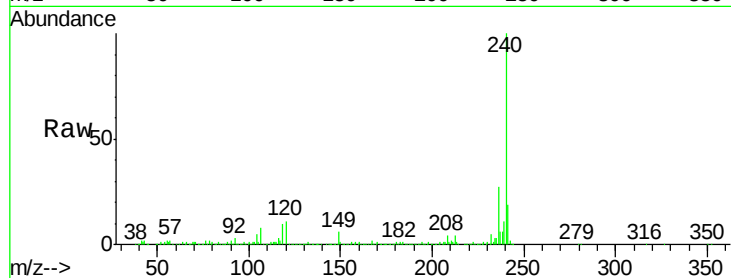
Tgt Ion:240 Resp: 382673

Ion Ratio Lower Upper

240 100

120 11.3 11.2 16.8

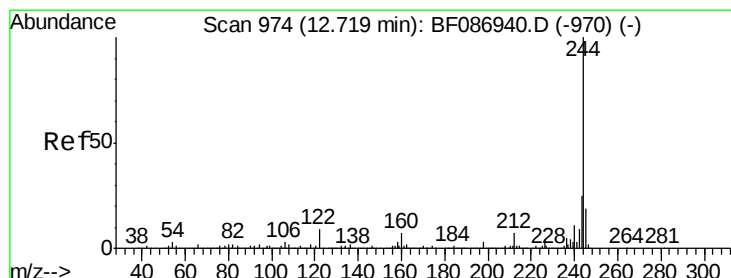
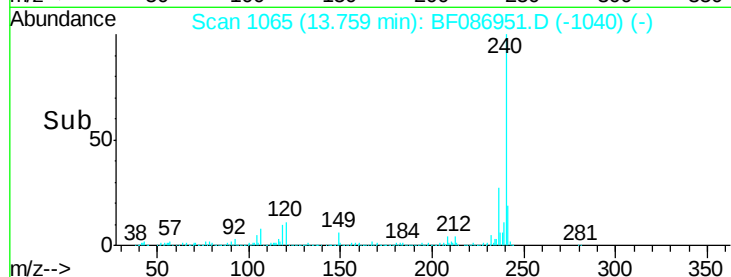
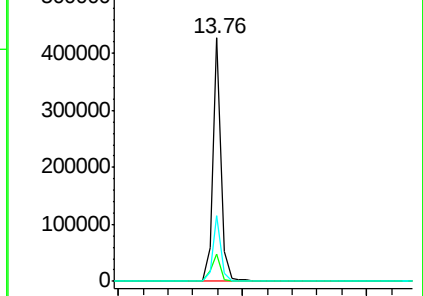
236 26.8 21.2 31.8



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: 43.50 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF086951.D

Acq: 13 May 2016 1:16

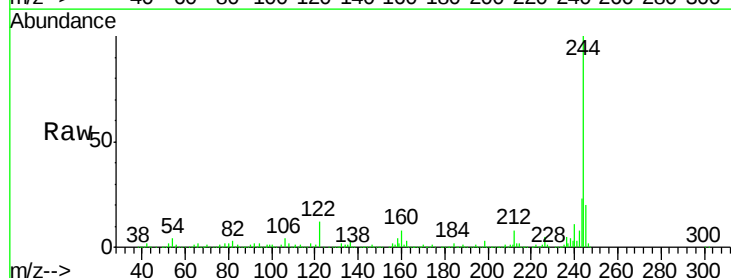
Tgt Ion:244 Resp: 784585

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

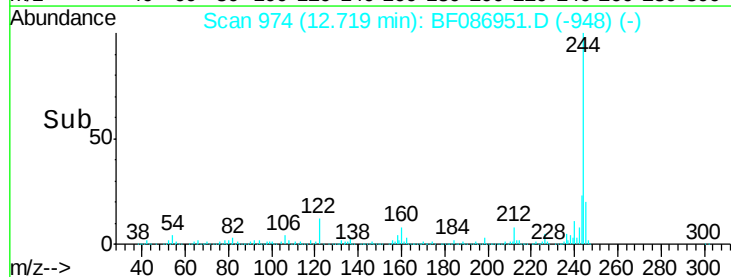
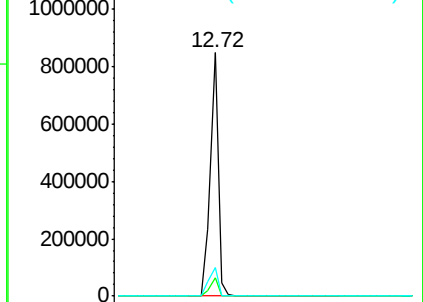
122 11.6 12.0 18.0#

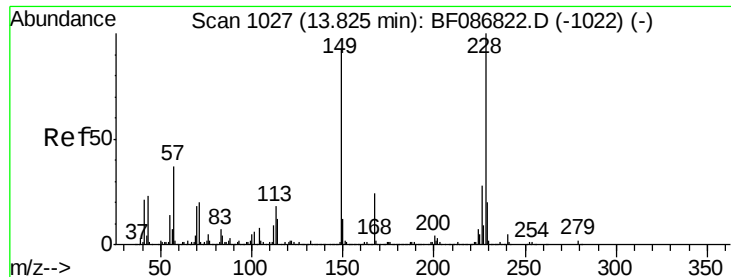


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.16 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF086951.D

Acq: 13 May 2016 1:16

Instrument :

BNA_F

ClientSampleId :

90TH-AVE-SB-21-0.5-6.0

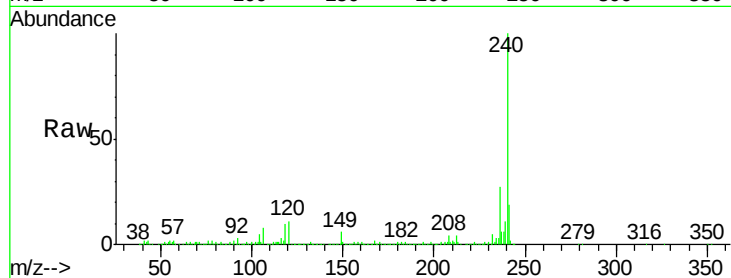
Tgt Ion:149 Resp: 32187

Ion Ratio Lower Upper

149 100

167 28.3 21.8 32.6

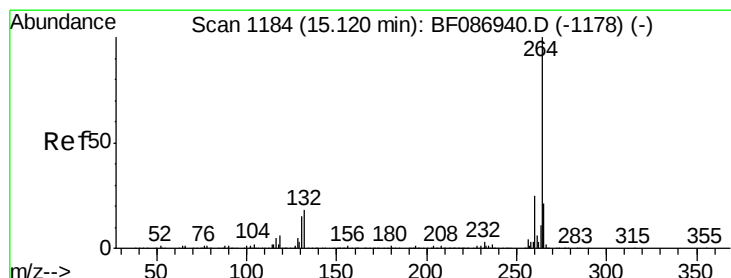
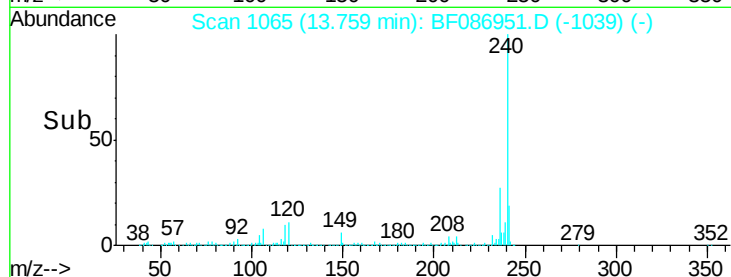
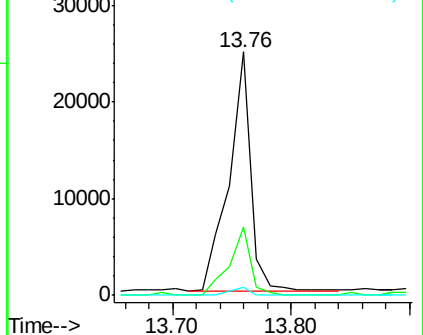
279 3.3 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.12 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF086951.D

Acq: 13 May 2016 1:16

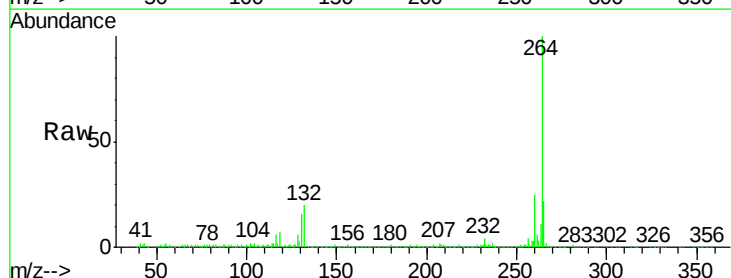
Tgt Ion:264 Resp: 327781

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 21.9 17.3 25.9



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

