

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087275.D
 Acq On : 21 May 2016 16:22
 Operator : UM/SJ
 Sample : H3168-02
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-COMP

Quant Time: May 23 02:00:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 01:56:40 2016
 Response via : Initial Calibration

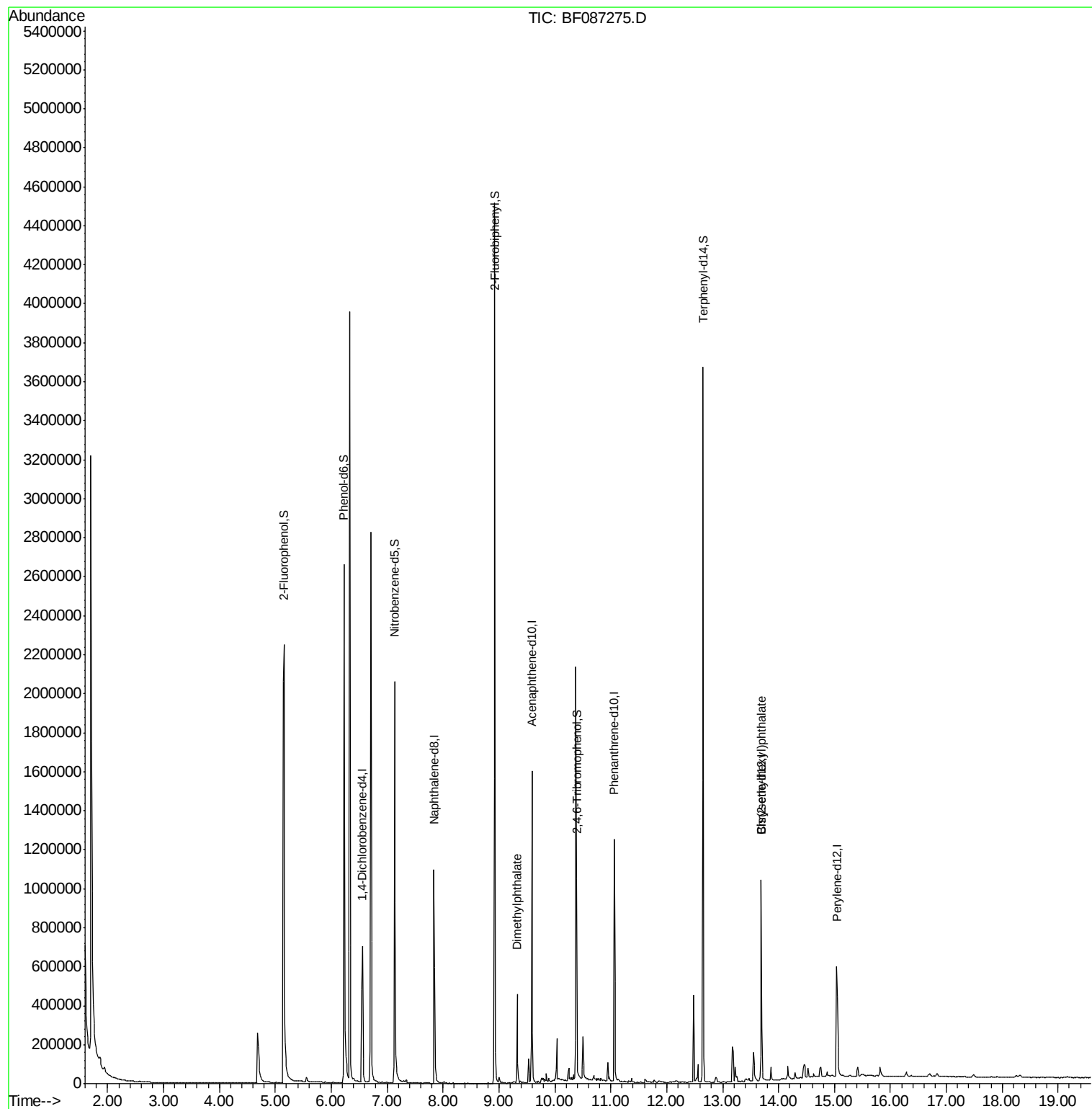
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	131667	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	584193	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	289716	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	482801	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	343093	20.00	ng	-0.01
86) Perylene-d12	15.04	264	273290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	908934	116.03	ng	0.02
7) Phenol-d6	6.23	99	1216975	115.83	ng	0.00
23) Nitrobenzene-d5	7.13	82	737311	62.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	273880	85.55	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1361384	77.82	ng	0.00
78) Terphenyl-d14	12.65	244	1160432	76.51	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.32	163	162753	7.36	ng	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	26677	2.09	ng	# 71

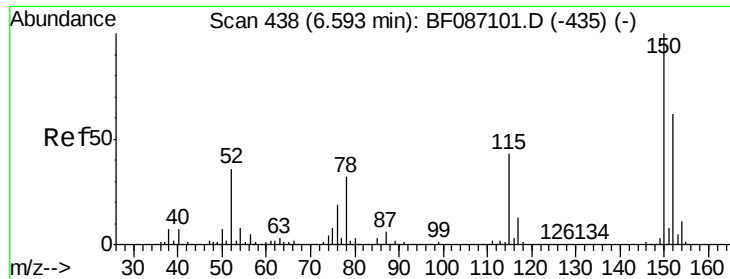
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF087275.D

Acq: 21 May 2016 16:22

Instrument :

BNA_F

ClientSampleId :

SB-40-COMP

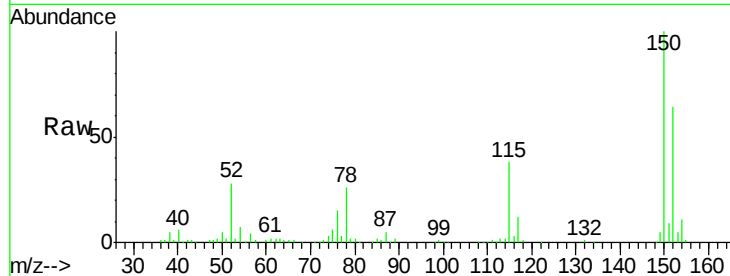
Tot Ion:152 Resp: 131667

Ion Ratio Lower Upper

152 100

150 156.5 125.8 188.6

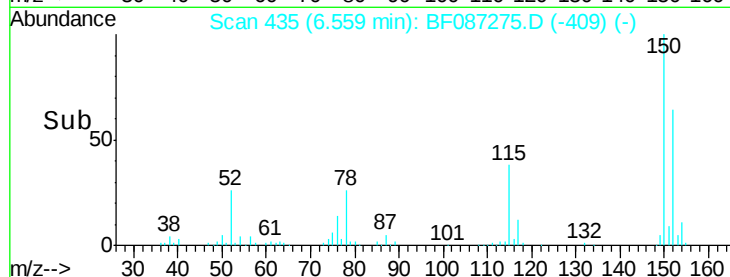
115 59.8 51.5 77.3



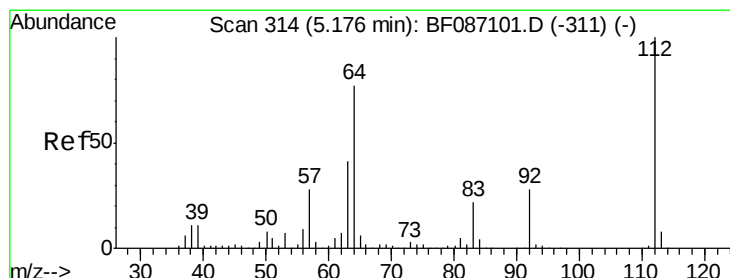
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 116.03 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.02 min

Lab File: BF087275.D

Acq: 21 May 2016 16:22

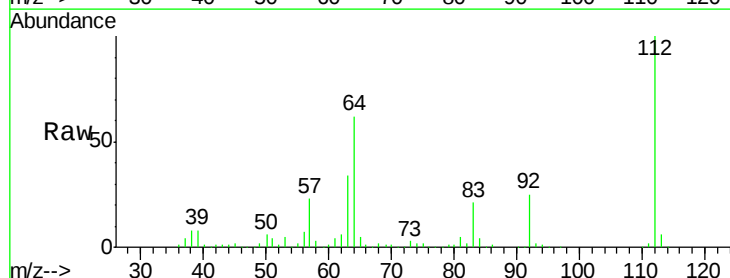
Tgt Ion:112 Resp: 908934

Ion Ratio Lower Upper

112 100

64 62.2 52.1 78.1

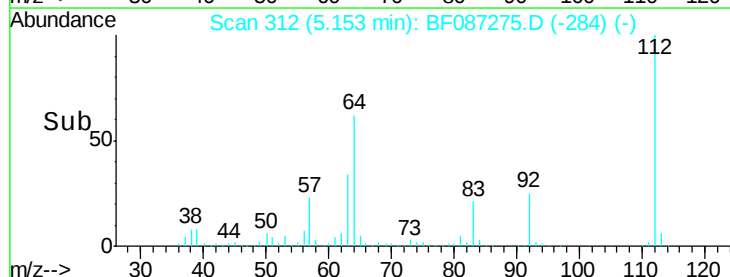
63 33.8 25.7 38.5



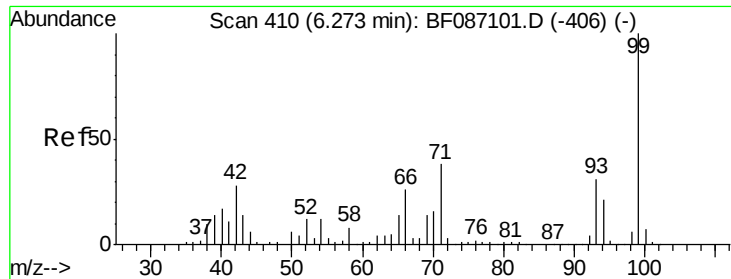
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 115.83 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087275.D

Acq: 21 May 2016 16:22

Instrument :

BNA_F

ClientSampleId :

SB-40-COMP

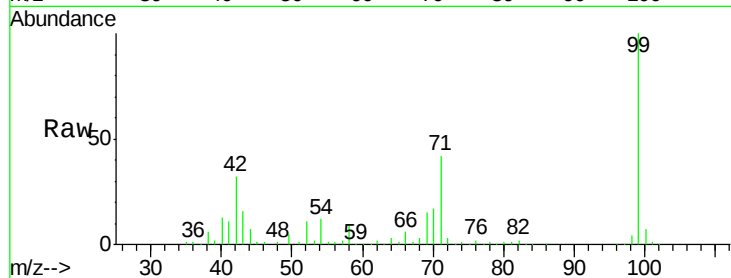
Tot Ion: 99 Resp: 1216975

Ion Ratio Lower Upper

99 100

42 31.9 13.6 20.4#

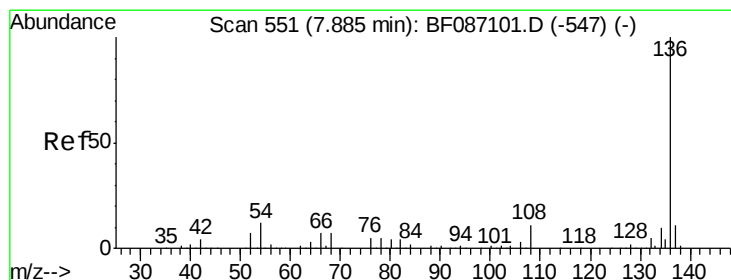
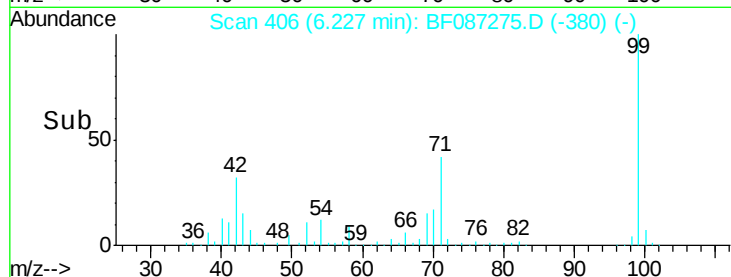
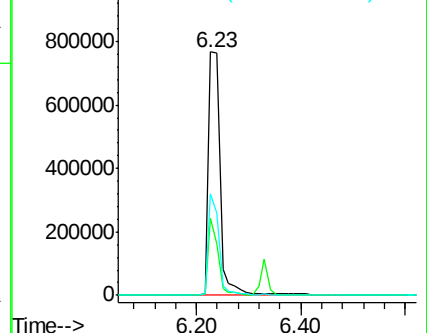
71 41.7 24.6 36.8#



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: 7.84 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF087275.D

Acq: 21 May 2016 16:22

Tgt Ion: 136 Resp: 584193

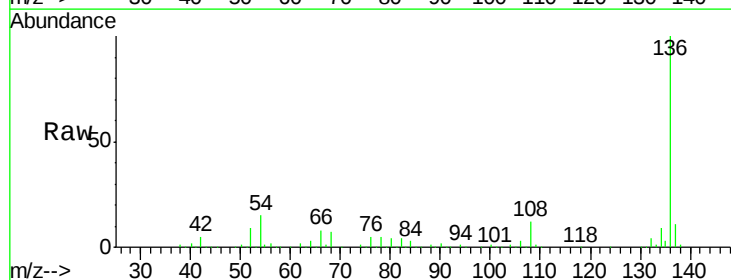
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 15.1 5.0 7.4#

68 7.1 4.4 6.6#

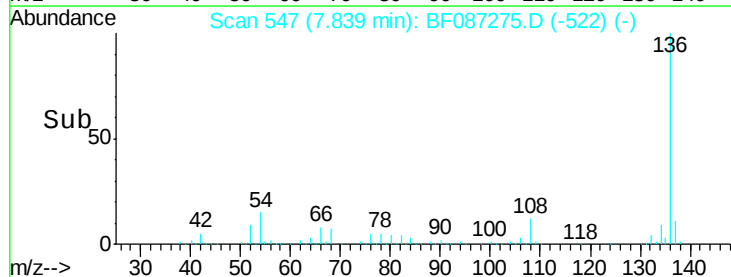
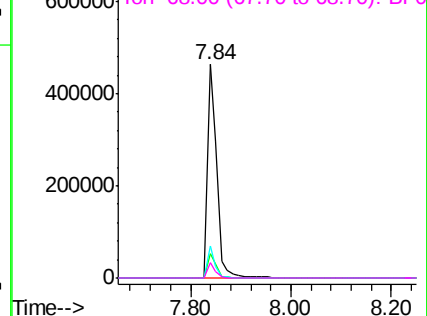


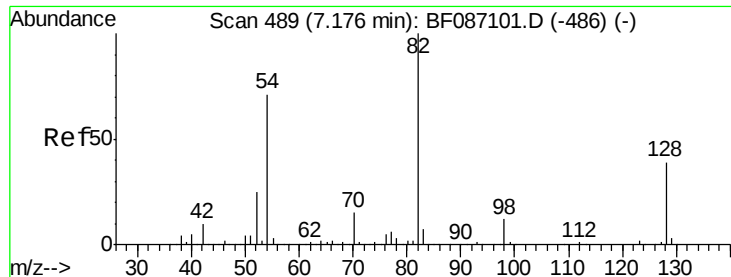
Abundance Ion 136.00 (135.70 to 136.70): E

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

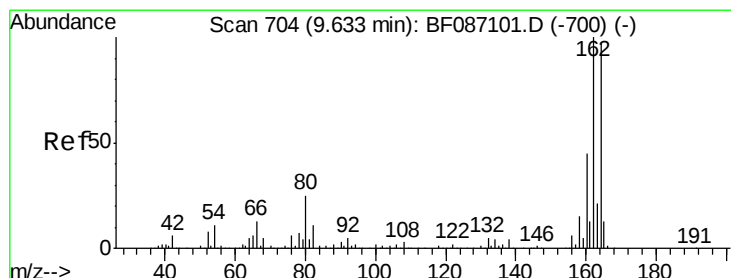
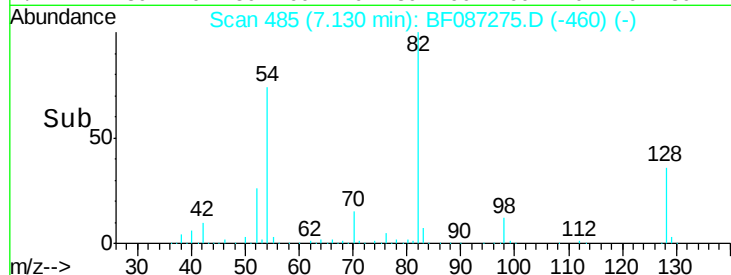
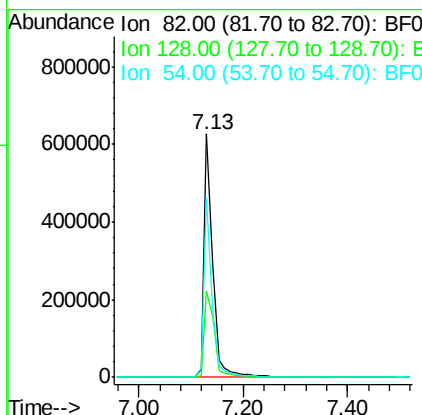
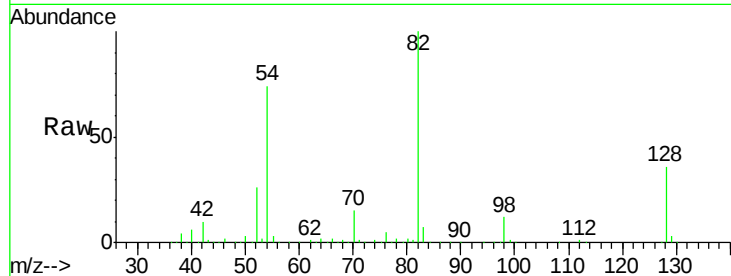




#23
 Nitrobenzene-d5
 Concen: 62.90 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF087275.D
 Acq: 21 May 2016 16:22

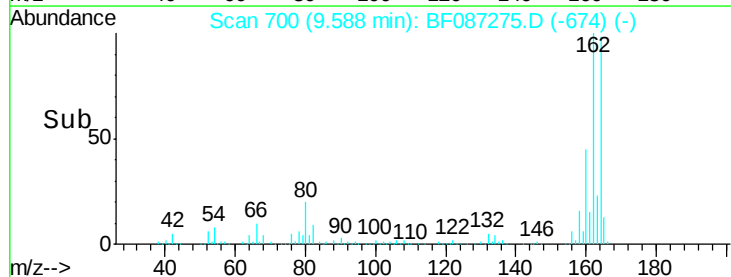
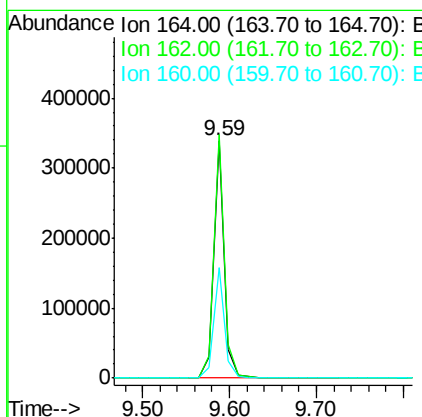
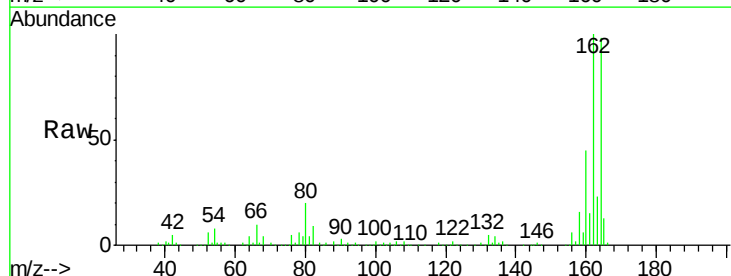
Instrument :
 BNA_F
 ClientSampleId :
 SB-40-COMP

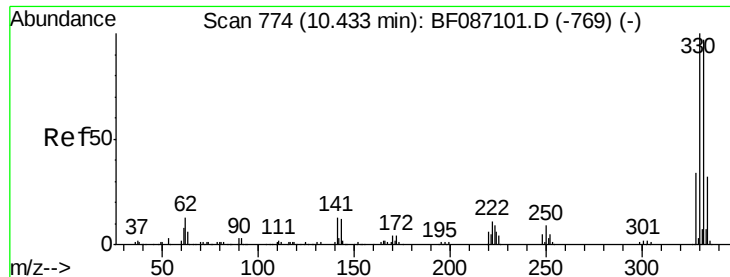
Tot Ion	82	Resp	737311
Ion Ratio	Lower	Upper	
82	100		
128	35.6	40.6	61.0#
54	74.0	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF087275.D
 Acq: 21 May 2016 16:22

Tgt Ion	164	Resp	289716
Ion Ratio	Lower	Upper	
164	100		
162	102.4	82.8	124.2
160	46.2	36.9	55.3

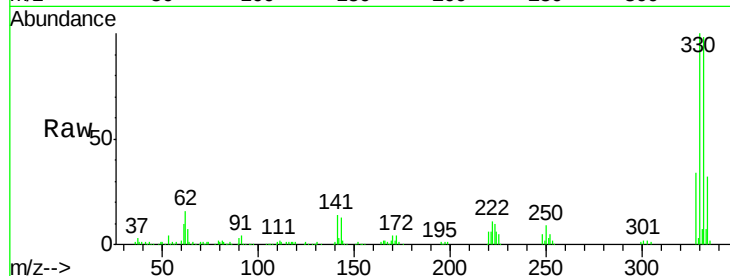




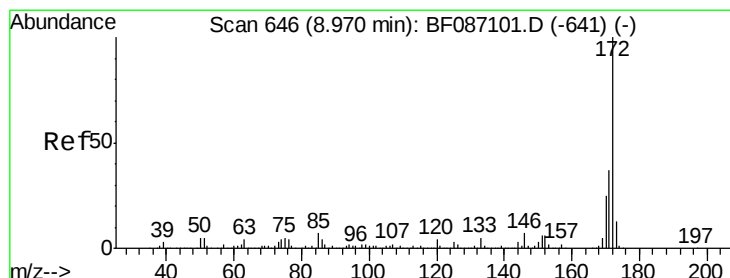
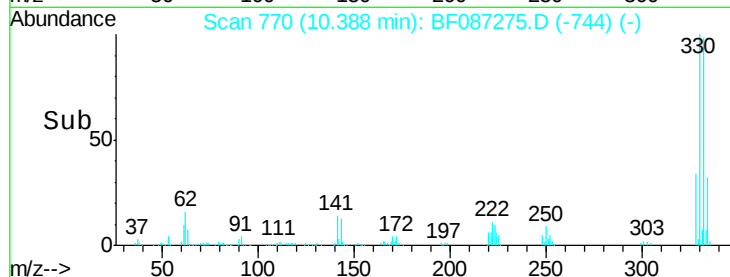
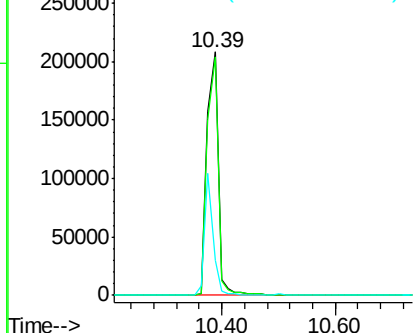
#41
 2,4,6-Tribromophenol
 Concen: 85.55 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF087275.D
 Acq: 21 May 2016 16:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-COMP

Tot Ion:330 Resp: 273880
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.0 118.4
 141 38.1 31.2 46.8

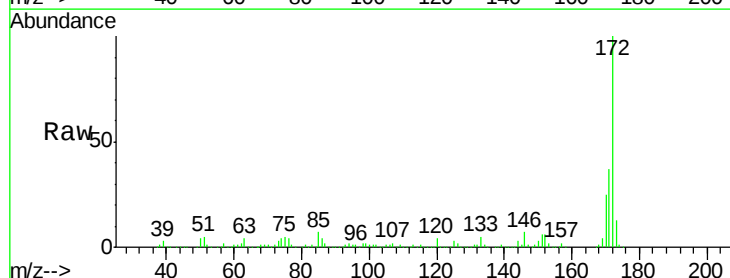


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

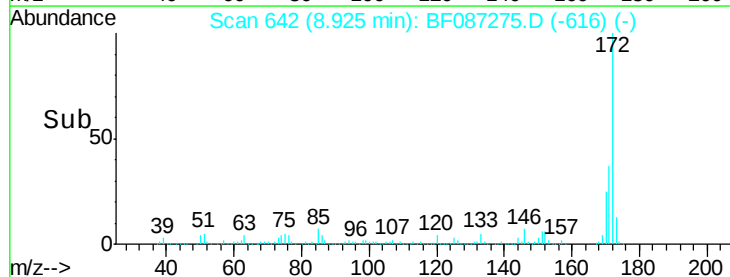
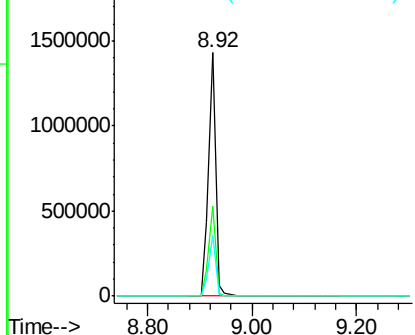


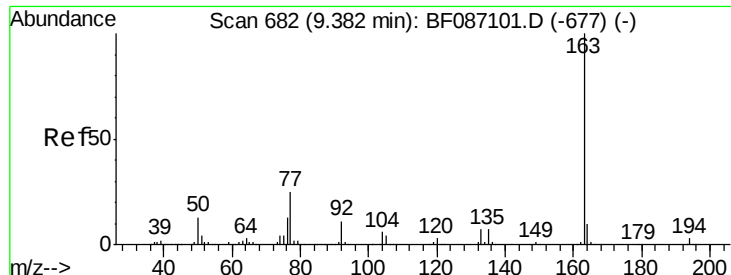
#44
 2-Fluorobiphenyl
 Concen: 77.82 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087275.D
 Acq: 21 May 2016 16:22

Tgt Ion:172 Resp: 1361384
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 25.0 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

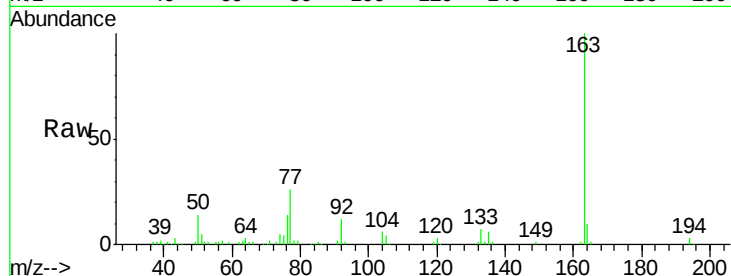




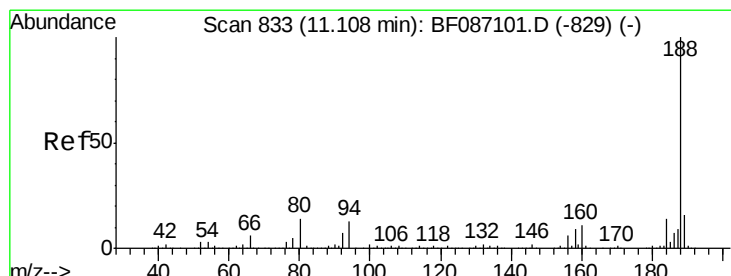
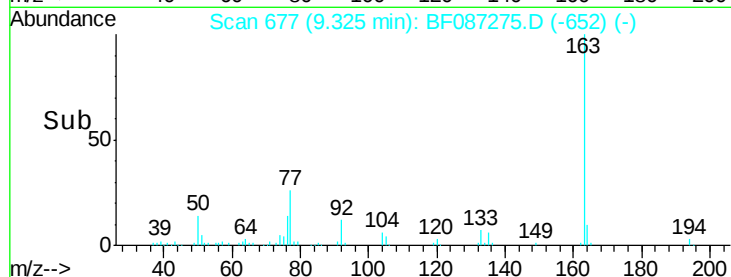
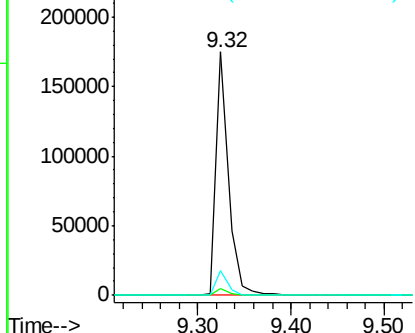
#49
Dimethylphthalate
Concen: 7.36 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF087275.D
Acq: 21 May 2016 16:22

Instrument :
BNA_F
ClientSampleId :
SB-40-COMP

Tot Ion:163 Resp: 162753
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 10.2 8.2 12.4

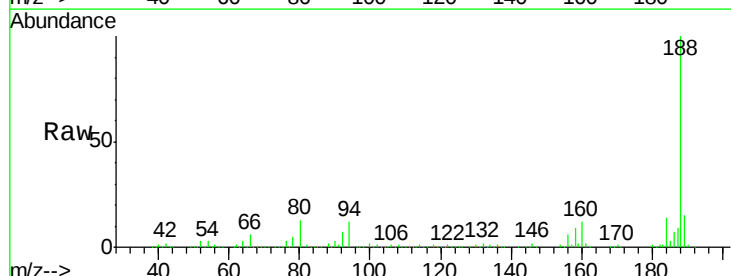


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

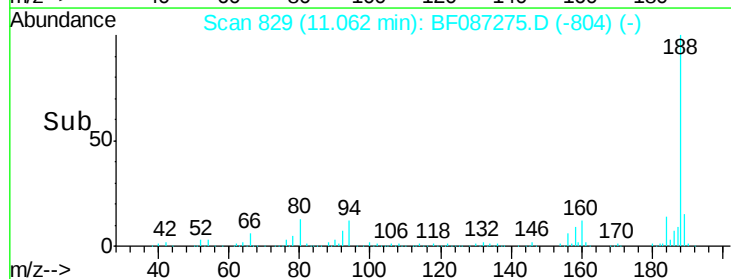
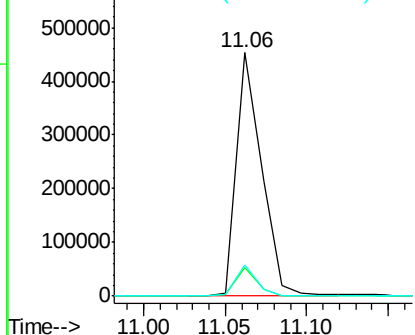


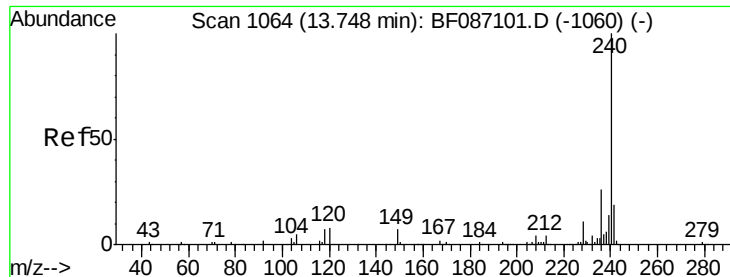
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087275.D
Acq: 21 May 2016 16:22

Tgt Ion:188 Resp: 482801
Ion Ratio Lower Upper
188 100
94 11.6 6.8 10.2#
80 13.1 7.1 10.7#



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: 13.69 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF087275.D

Acq: 21 May 2016 16:22

Instrument :

BNA_F

ClientSampleId :

SB-40-COMP

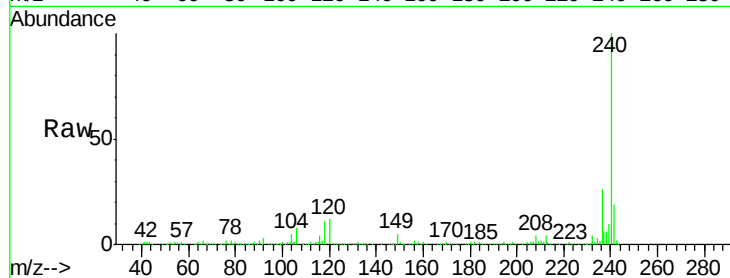
Tot Ion:240 Resp: 343093

Ion Ratio Lower Upper

240 100

120 11.8 11.2 16.8

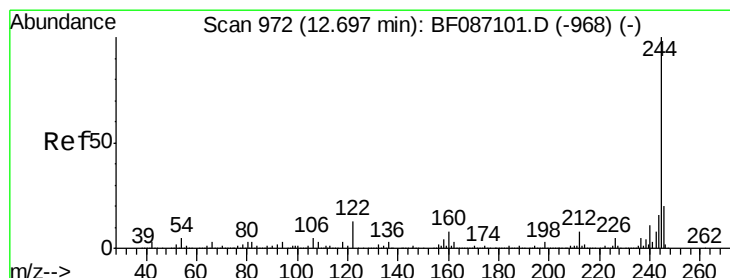
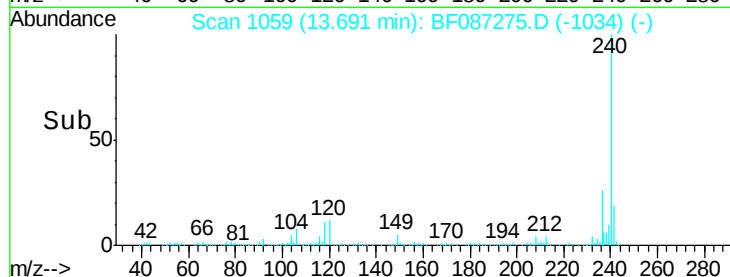
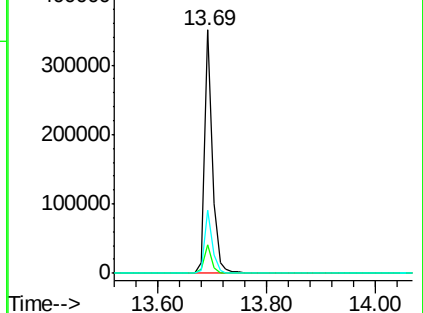
236 26.1 21.2 31.8



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: 76.51 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF087275.D

Acq: 21 May 2016 16:22

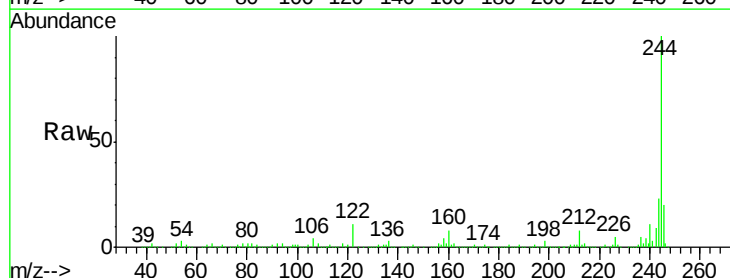
Tgt Ion:244 Resp: 1160432

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

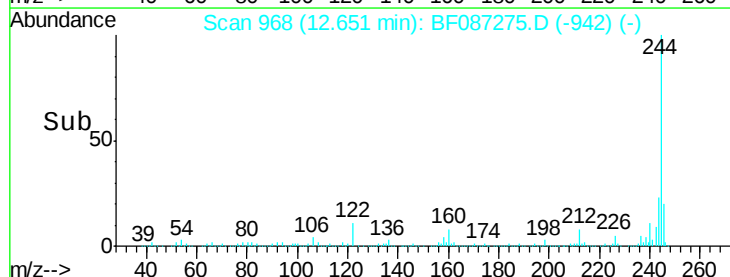
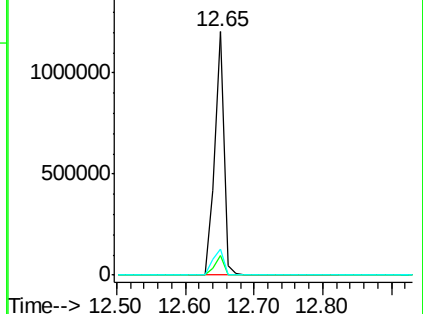
122 10.5 12.0 18.0#

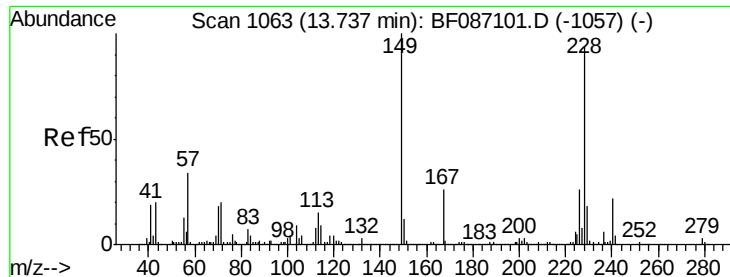


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.09 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF087275.D

Acq: 21 May 2016 16:22

Instrument :

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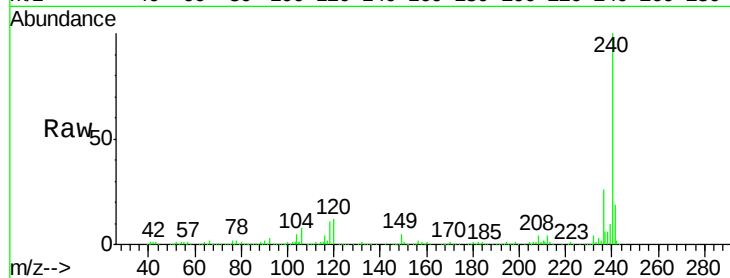
Tot Ion:149 Resp: 26677

Ion Ratio Lower Upper

149 100

167 10.9 21.8 32.6#

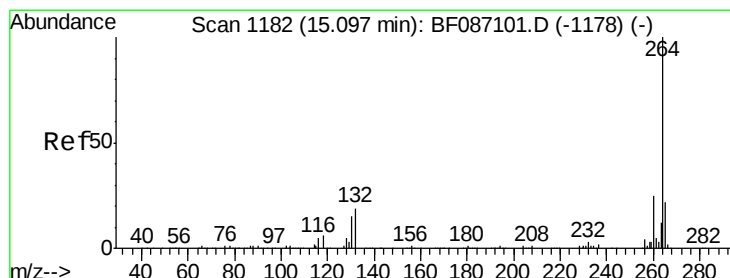
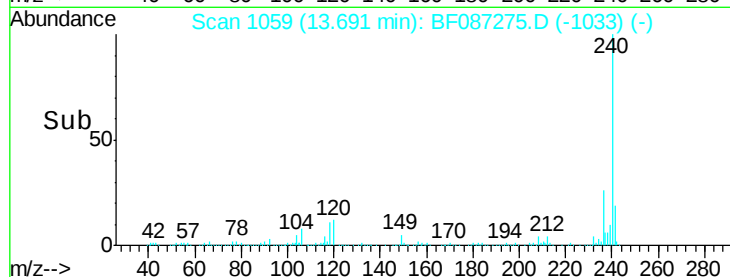
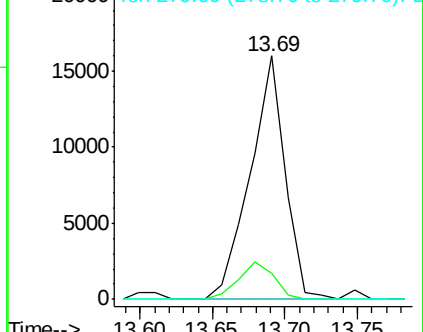
279 0.0 2.6 4.0#



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: 15.04 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF087275.D

Acq: 21 May 2016 16:22

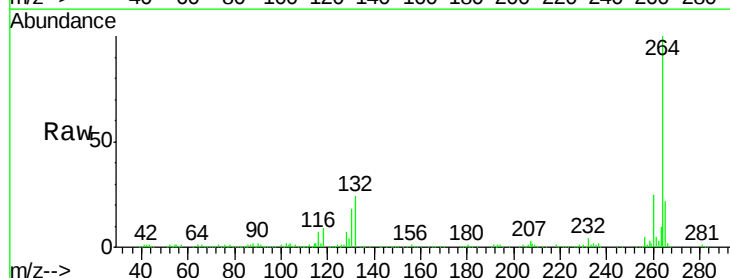
Tgt Ion:264 Resp: 273290

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 22.0 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

