

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087133.D
 Acq On : 18 May 2016 6:10
 Operator : UM/SJ
 Sample : H3115-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-002

Quant Time: May 18 06:46:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

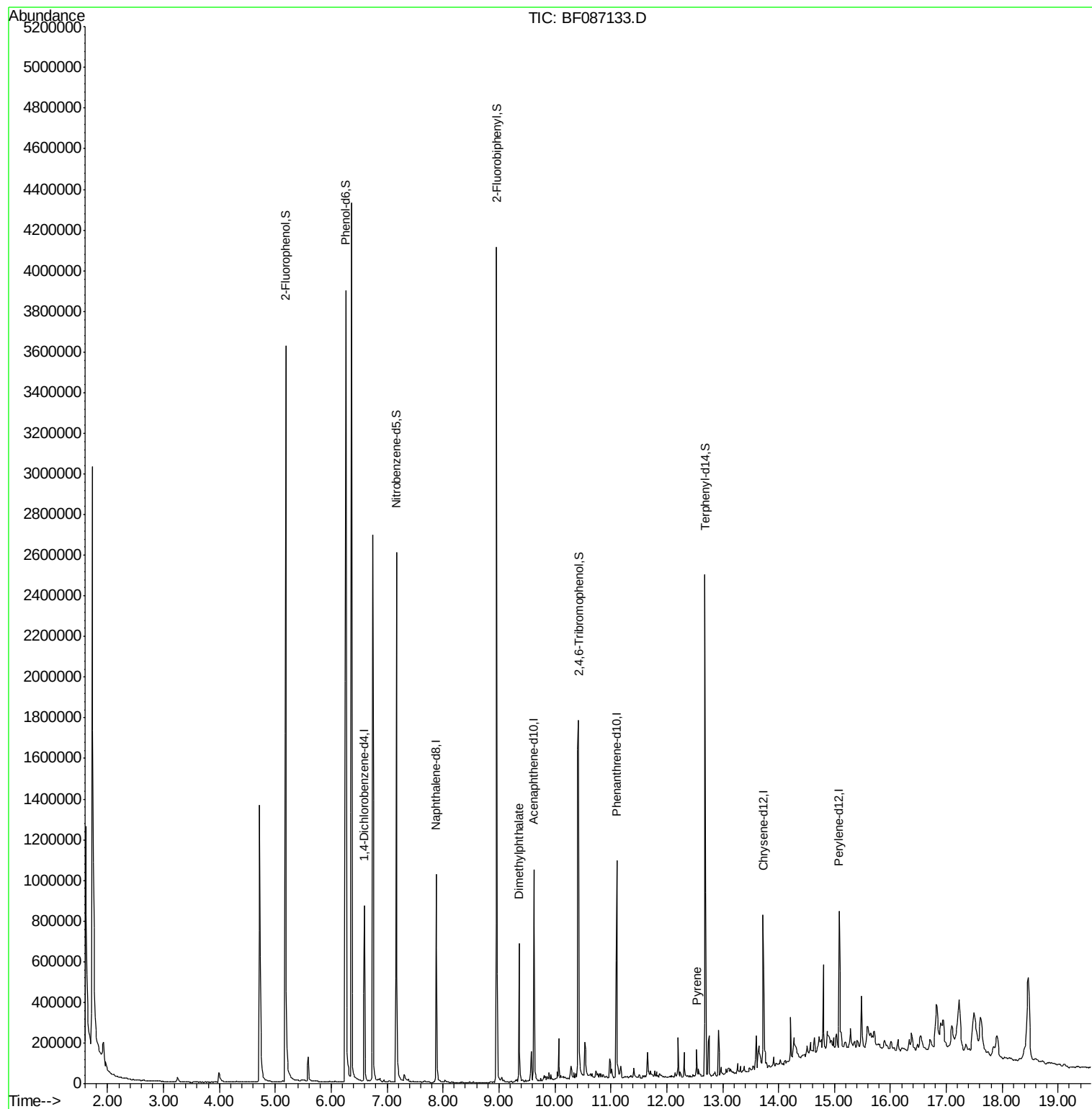
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	145902	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	575754	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	257361	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	465275	20.00	ng	-0.01
75) Chrysene-d12	13.73	240	287544	20.00	ng	-0.03
86) Perylene-d12	15.09	264	299900	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1051009	121.08	ng	-0.01
7) Phenol-d6	6.26	99	1390663	119.45	ng	-0.02
23) Nitrobenzene-d5	7.16	82	835738	72.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	313110	110.10	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	1169091	75.23	ng	-0.02
78) Terphenyl-d14	12.68	244	768105	60.43	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.36	163	242079	12.33	ng	100
77) Pyrene	12.54	202	52895	2.55	ng	99

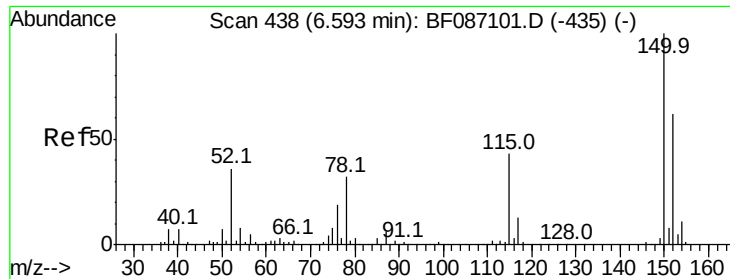
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF087133.D

Acq: 18 May 2016 6:10

Instrument :

BNA_F

ClientSampleId :

NC-TS-002

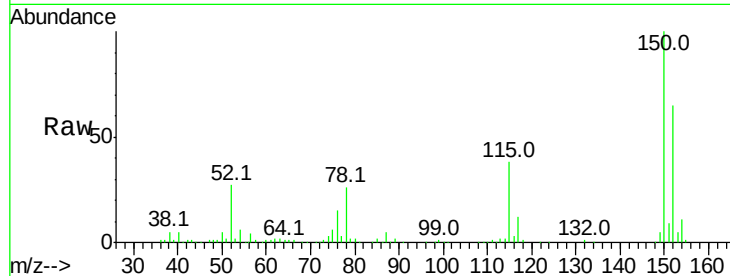
Tot Ion:152 Resp: 145902

Ion Ratio Lower Upper

152 100

150 154.1 125.8 188.6

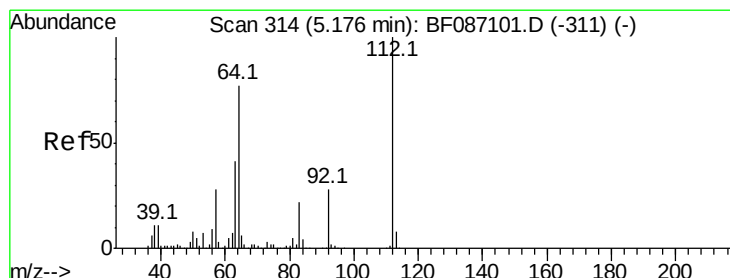
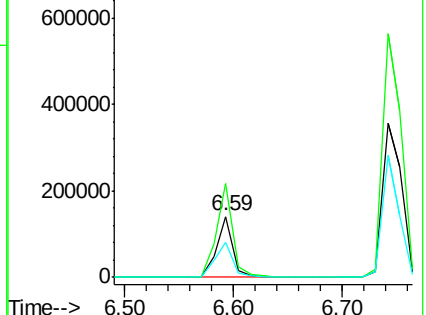
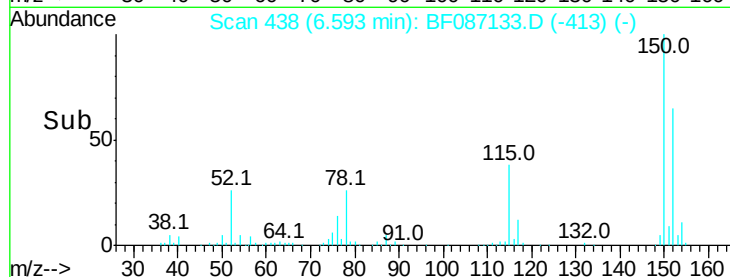
115 58.4 51.5 77.3



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: 121.08 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.01 min

Lab File: BF087133.D

Acq: 18 May 2016 6:10

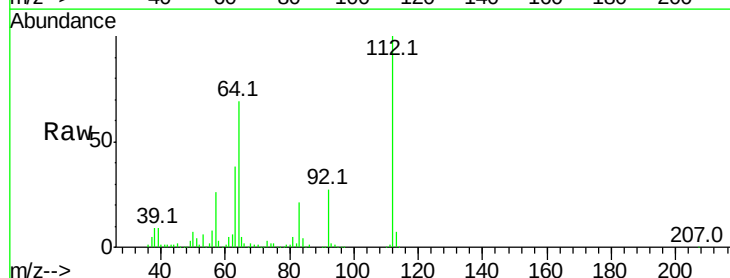
Tgt Ion:112 Resp: 1051009

Ion Ratio Lower Upper

112 100

64 68.8 52.1 78.1

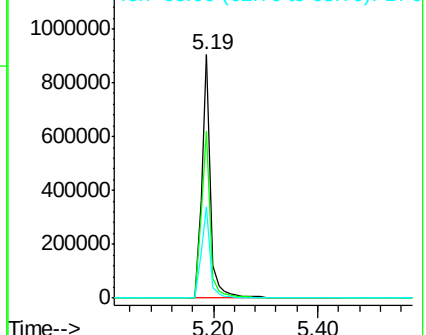
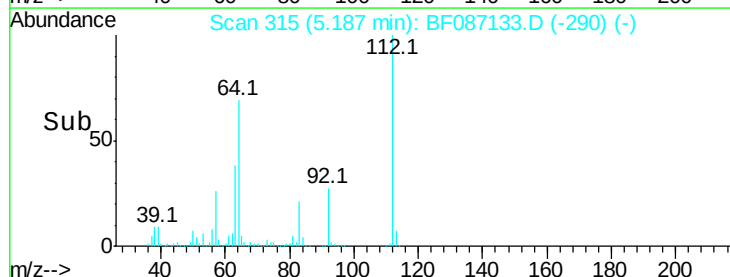
63 37.7 25.7 38.5

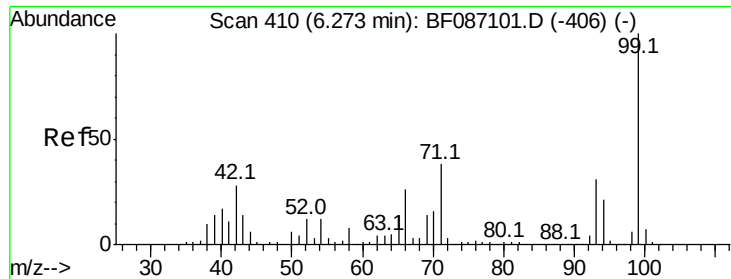


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.45 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF087133.D

Acq: 18 May 2016 6:10

Instrument :

BNA_F

ClientSampleId :

NC-TS-002

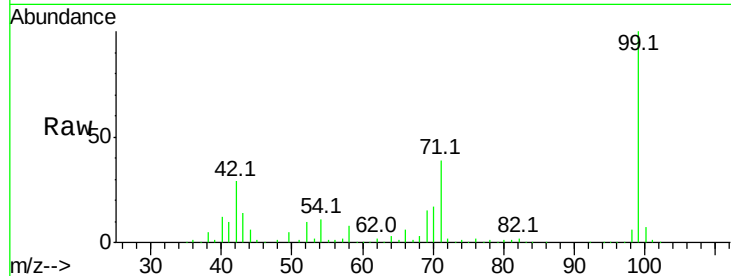
Tot Ion: 99 Resp: 1390663

Ion Ratio Lower Upper

99 100

42 28.8 13.6 20.4#

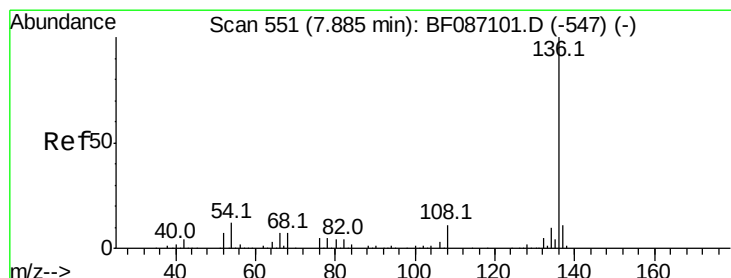
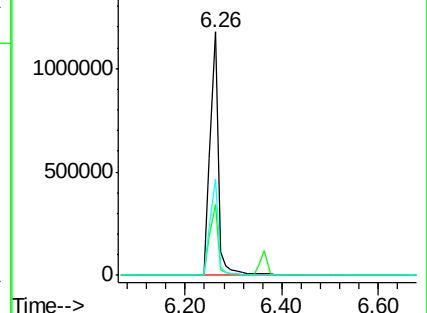
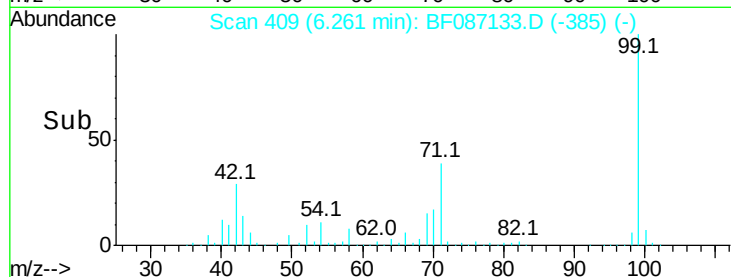
71 39.4 24.6 36.8#



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: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF087133.D

Acq: 18 May 2016 6:10

Tgt Ion: 136 Resp: 575754

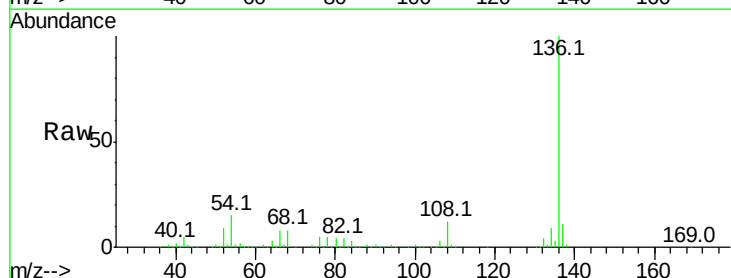
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 15.4 5.0 7.4#

68 7.9 4.4 6.6#

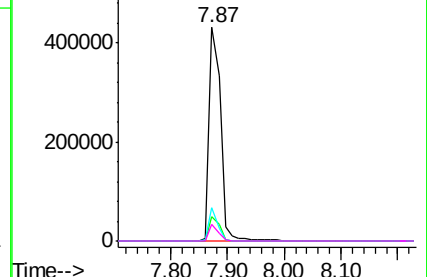
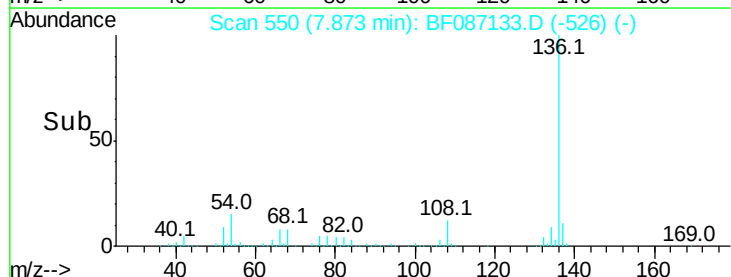


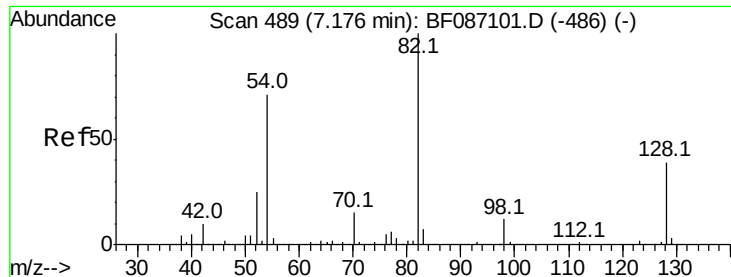
Abundance Ion 136.00 (135.70 to 136.70): E

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

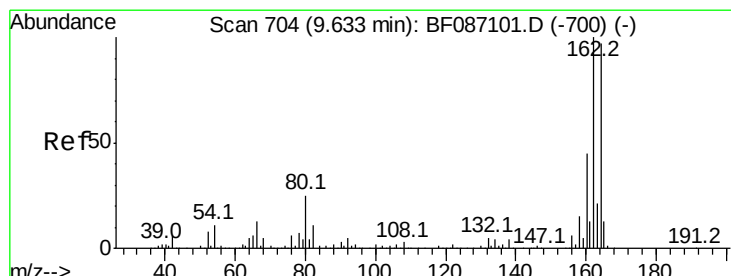
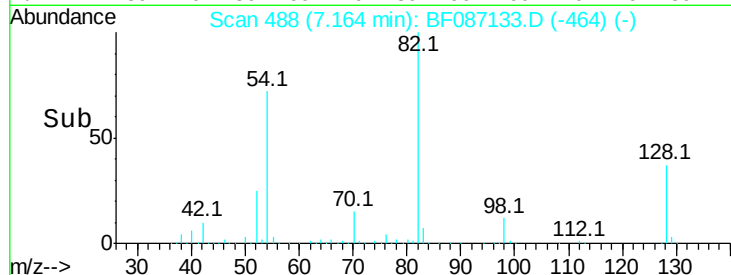
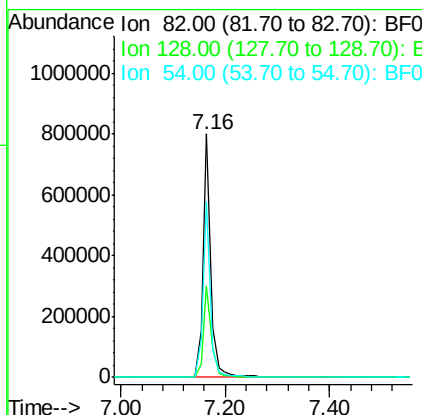
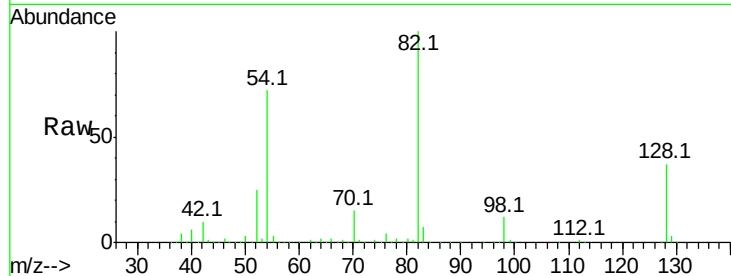




#23
 Nitrobenzene-d5
 Concen: 72.34 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.02 min
 Lab File: BF087133.D
 Acq: 18 May 2016 6:10

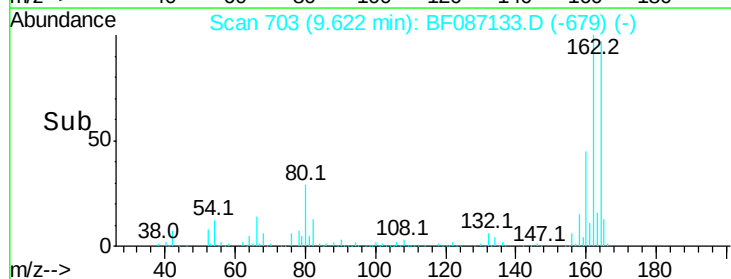
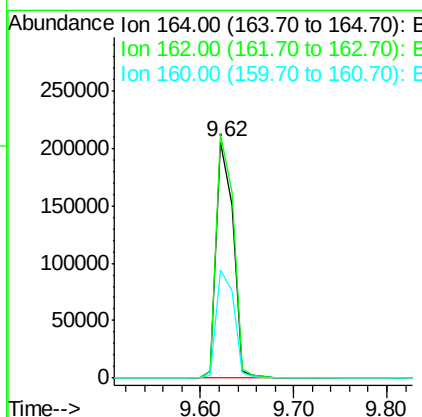
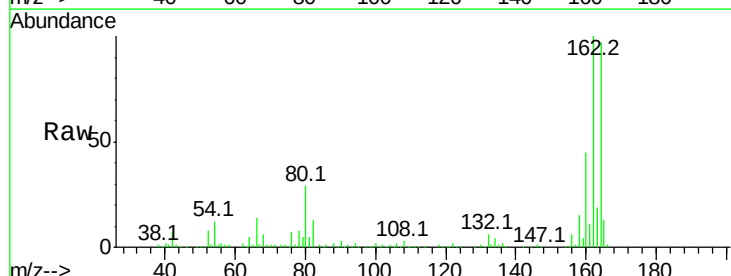
Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-002

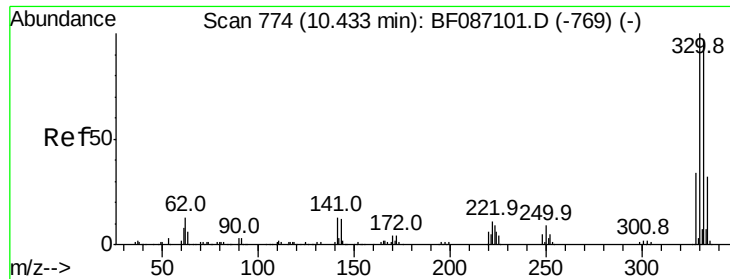
Tot Ion: 82 Resp: 835738
 Ion Ratio Lower Upper
 82 100
 128 37.4 40.6 61.0#
 54 72.2 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.02 min
 Lab File: BF087133.D
 Acq: 18 May 2016 6:10

Tgt Ion: 164 Resp: 257361
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.8 124.2
 160 45.9 36.9 55.3

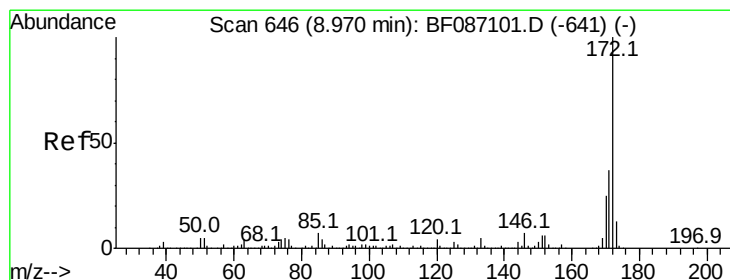
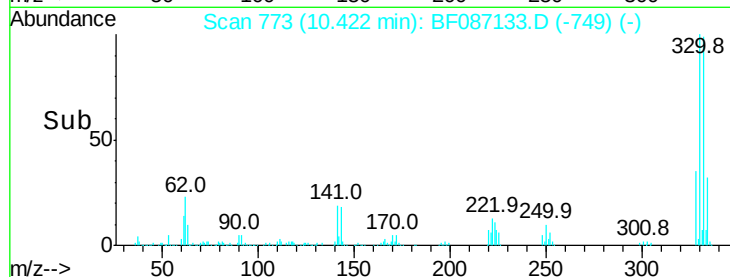
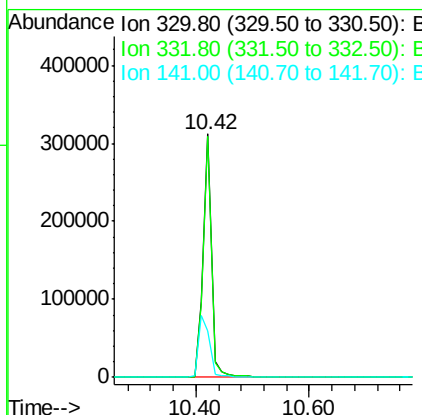
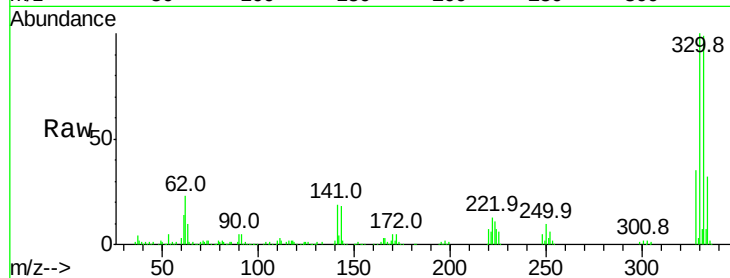




#41
 2,4,6-Tribromophenol
 Concen: 110.10 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087133.D
 Acq: 18 May 2016 6:10

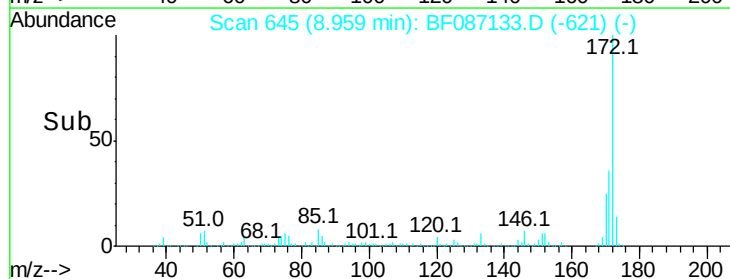
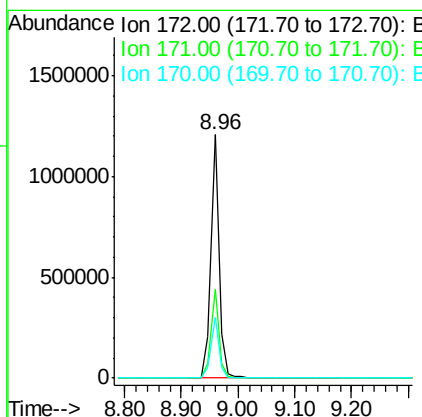
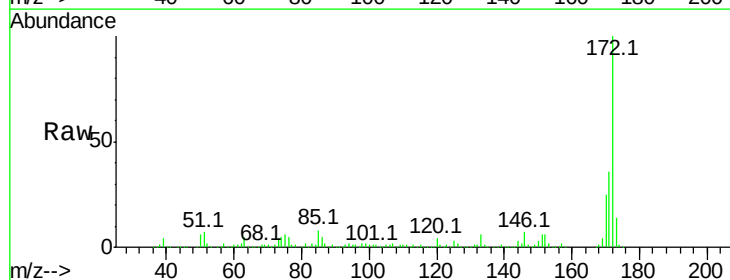
Instrument :
 BNA_F
 ClientSampleId :
 NC-TS-002

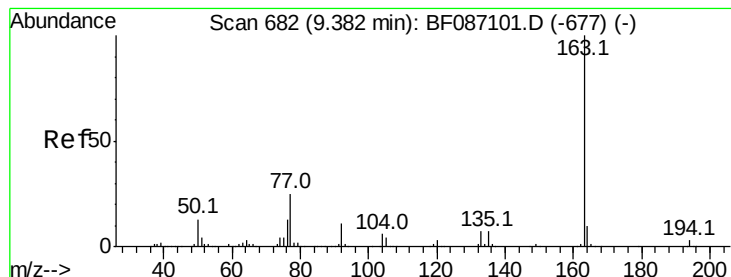
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.0	118.4
141	33.7	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 75.23 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF087133.D
 Acq: 18 May 2016 6:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.9	19.8	29.8





#49

Dimethylphthalate

Concen: 12.33 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF087133.D

Acq: 18 May 2016 6:10

Instrument :

BNA_F

ClientSampleId :

NC-TS-002

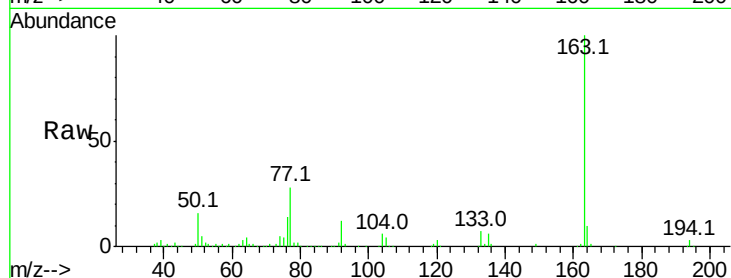
Tot Ion:163 Resp: 242079

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

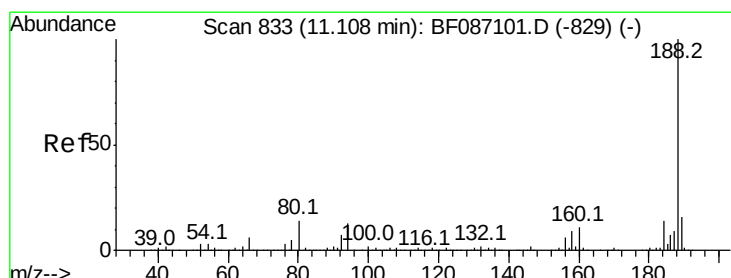
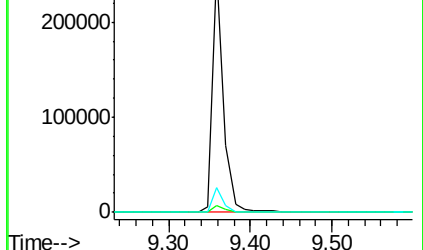
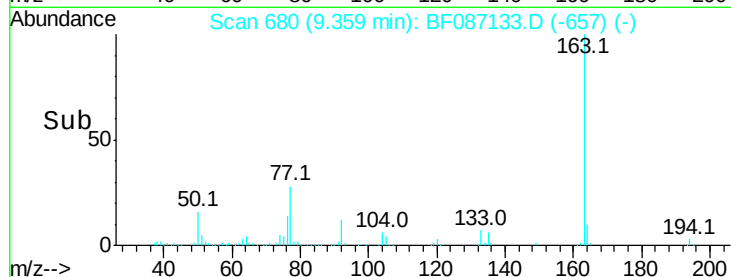
164 10.4 8.2 12.4



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: 11.11 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF087133.D

Acq: 18 May 2016 6:10

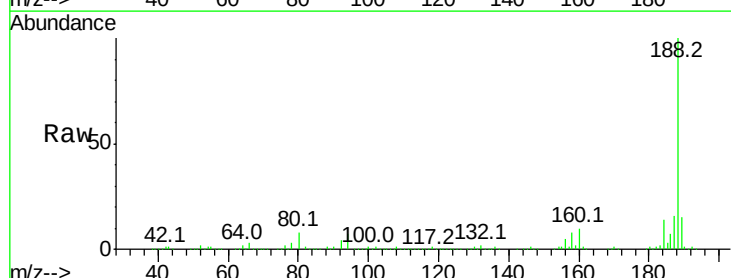
Tgt Ion:188 Resp: 465275

Ion Ratio Lower Upper

188 100

94 7.5 6.8 10.2

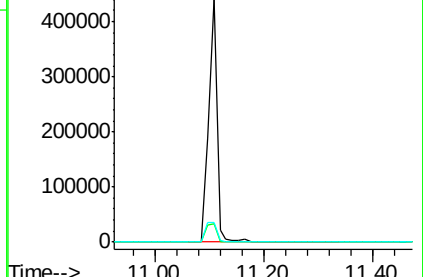
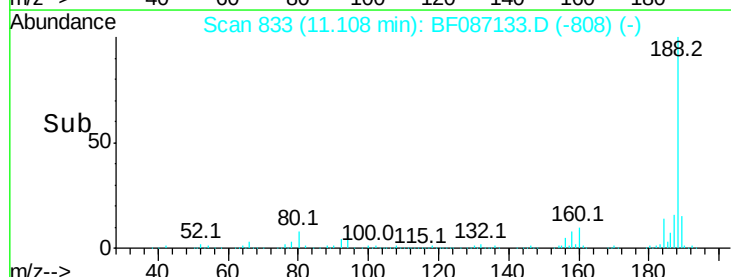
80 7.9 7.1 10.7

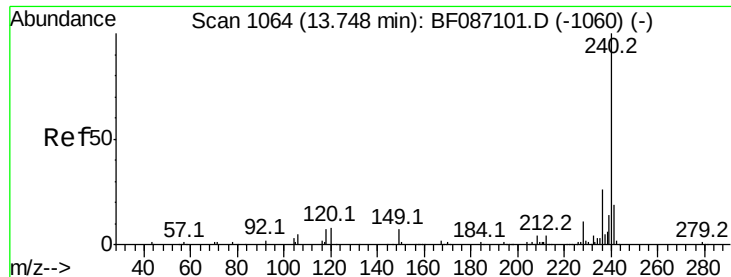


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.73 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF087133.D

Acq: 18 May 2016 6:10

Instrument :

BNA_F

ClientSampled :

NC-TS-002

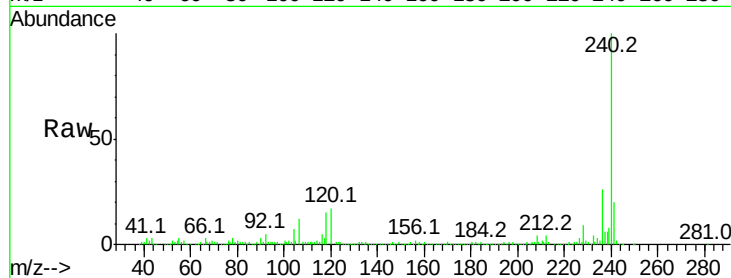
Tot Ion:240 Resp: 287544

Ion Ratio Lower Upper

240 100

120 17.1 11.2 16.8#

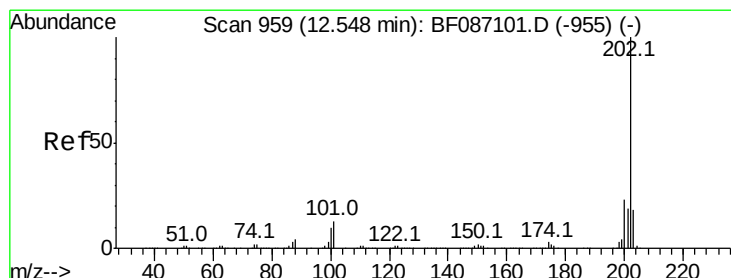
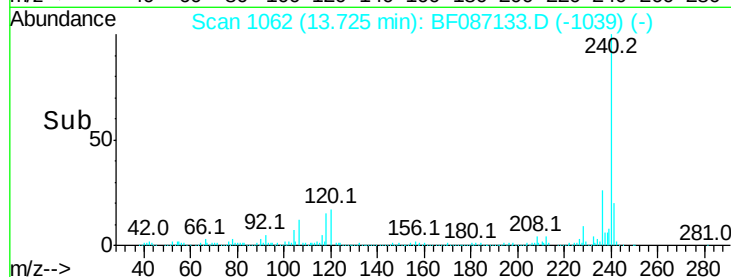
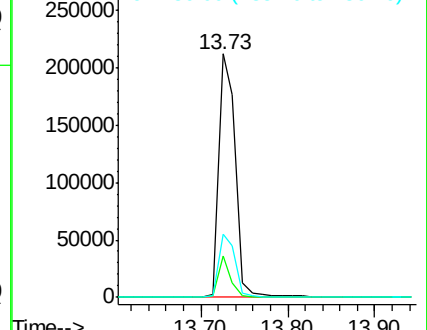
236 26.1 21.2 31.8



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



#77

Pyrene

Concen: 2.55 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF087133.D

Acq: 18 May 2016 6:10

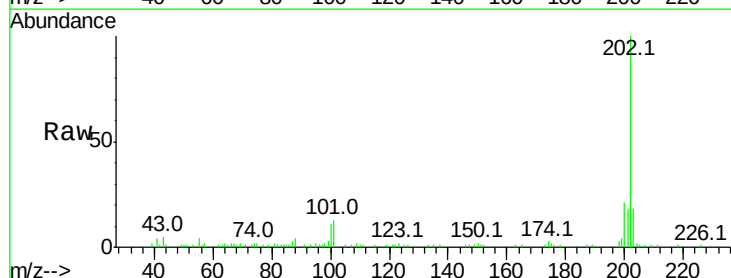
Tgt Ion:202 Resp: 52895

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

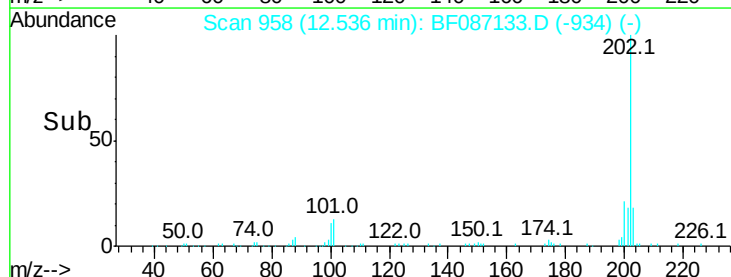
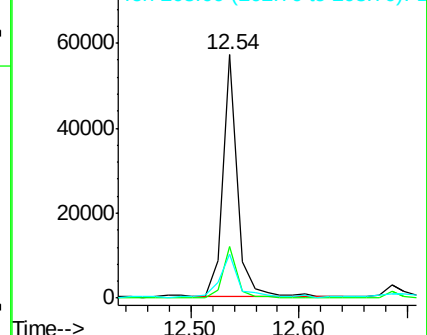
203 17.8 14.2 21.4

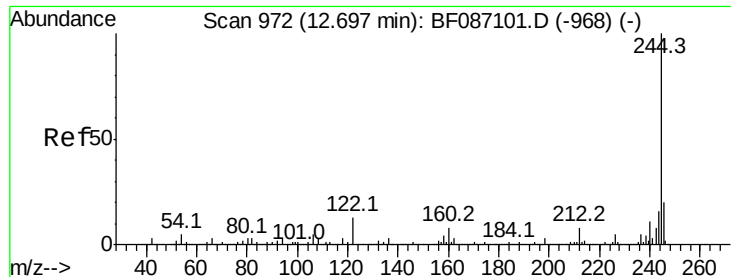


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 60.43 ng

RT: 12.68 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF087133.D

Acq: 18 May 2016 6:10

Instrument :

BNA_F

ClientSampleId :

NC-TS-002

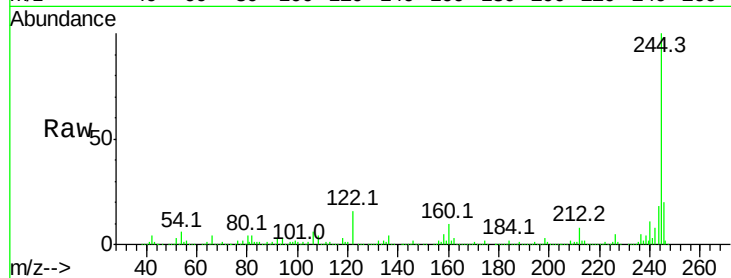
Tot Ion:244 Resp: 768105

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

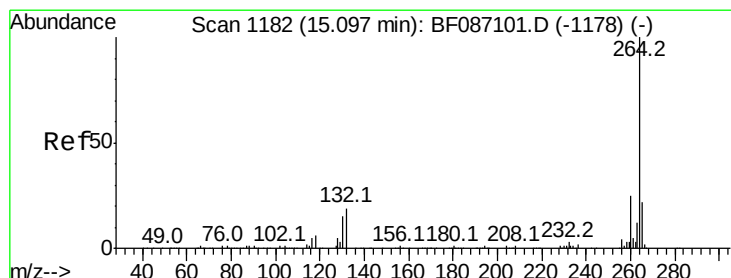
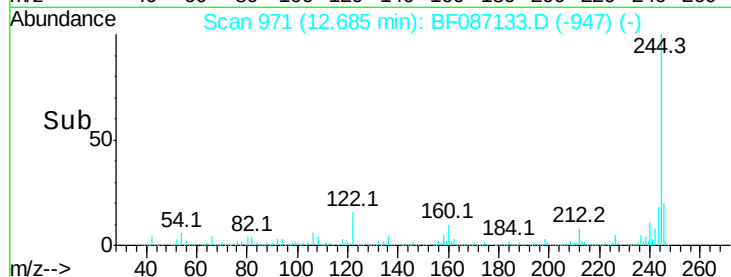
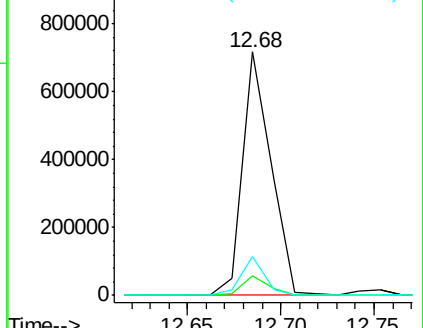
122 15.7 12.0 18.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.09 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF087133.D

Acq: 18 May 2016 6:10

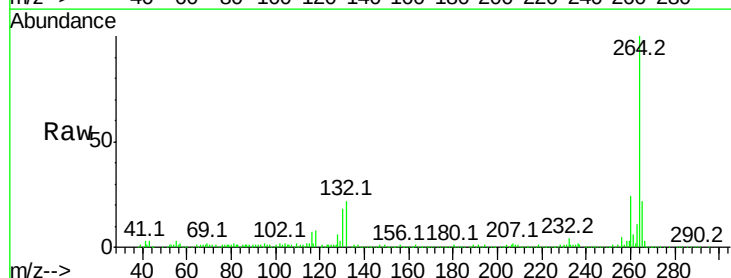
Tgt Ion:264 Resp: 299900

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 22.2 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

