

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
 Data File : BF090323.D
 Acq On : 30 Sep 2016 20:22
 Operator : UM/SJ
 Sample : H5023-04 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-AREA-ABI54-09272016

Quant Time: Sep 30 23:21:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 30 23:14:34 2016
 Response via : Initial Calibration

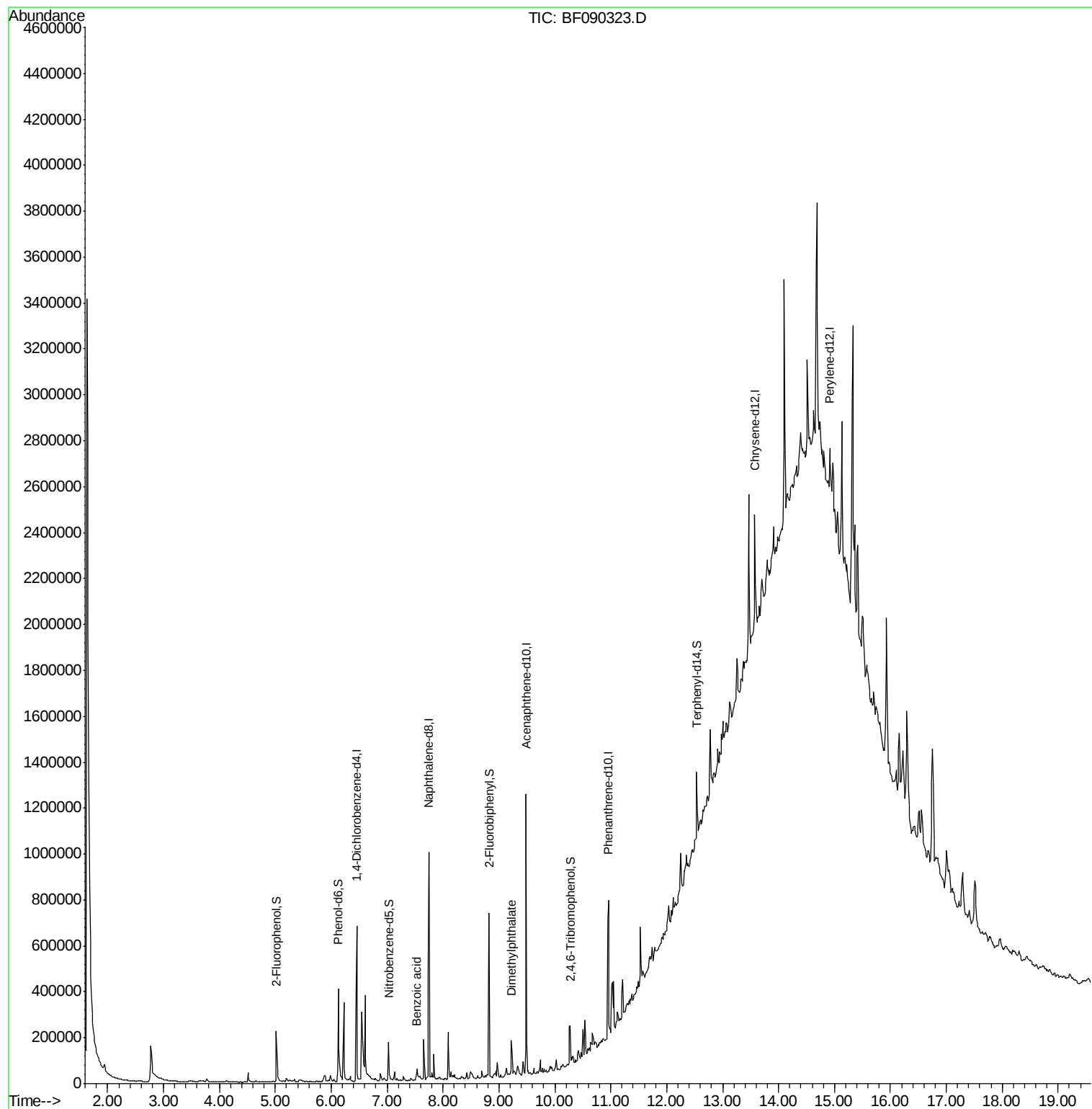
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	137315m	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	518123m	20.00	ng	0.00
38) Acenaphthene-d10	9.48	164	241365	20.00	ng	0.00
63) Phenanthrene-d10	10.96	188	304060	20.00	ng	0.01
75) Chrysene-d12	13.58	240	221298	20.00	ng	0.01
86) Perylene-d12	14.91	264	149259	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	104754	12.43	ng	0.02
7) Phenol-d6	6.12	99	167775	16.13	ng	0.01
23) Nitrobenzene-d5	7.03	82	83279	9.32	ng	0.00
41) 2,4,6-Tribromophenol	10.27	330	30889	14.92	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	205213	16.69	ng	0.00
78) Terphenyl-d14	12.54	244	110948	12.73	ng	0.00
Target Compounds						
32) Benzoic acid	7.53	122	15456	2.76	ng	98
49) Dimethylphthalate	9.22	163	54646	3.55	ng	99

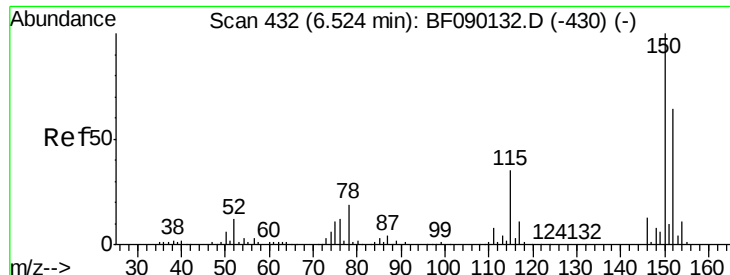
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF090323.D

Acq: 30 Sep 2016 20:22

Instrument :

BNA_F

ClientSampleID :

WC-AREA-ABI54-09272016

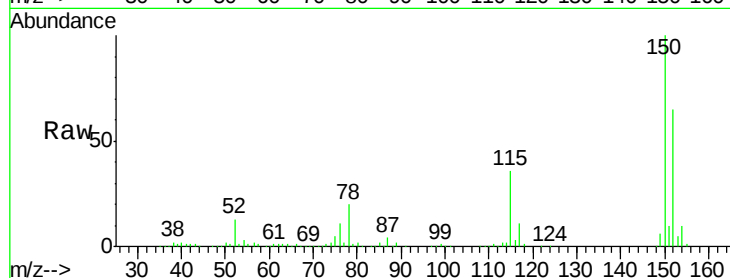
Tot Ion:152 Resp: 137315

Ion Ratio Lower Upper

152 100

150 153.3 128.9 193.3

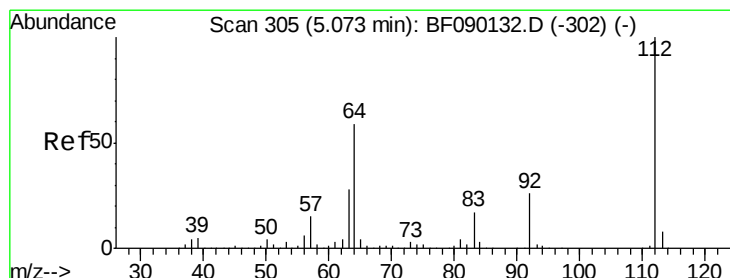
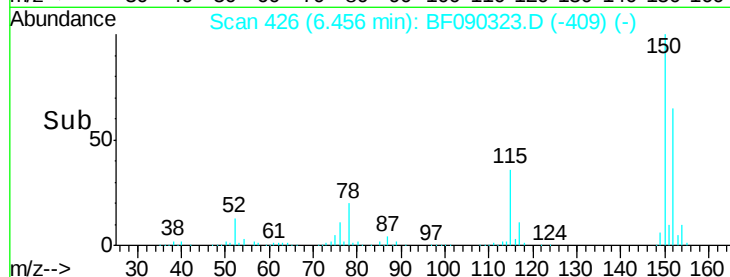
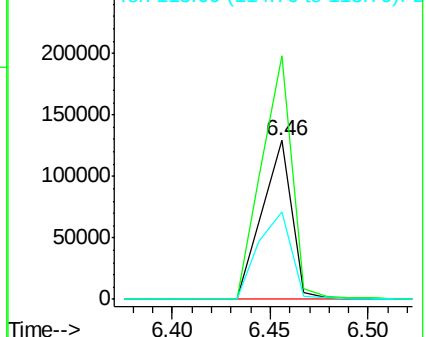
115 54.7 55.5 83.3#



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: 12.43 ng

RT: 5.02 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF090323.D

Acq: 30 Sep 2016 20:22

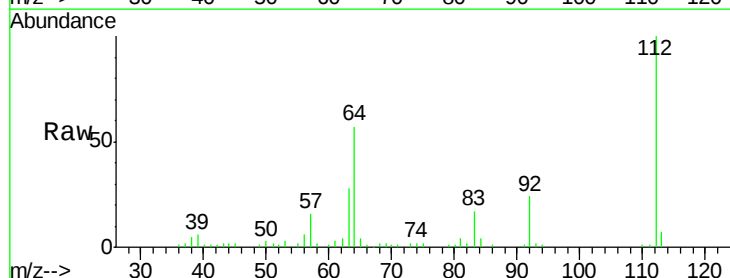
Tgt Ion:112 Resp: 104754

Ion Ratio Lower Upper

112 100

64 57.0 39.8 59.6

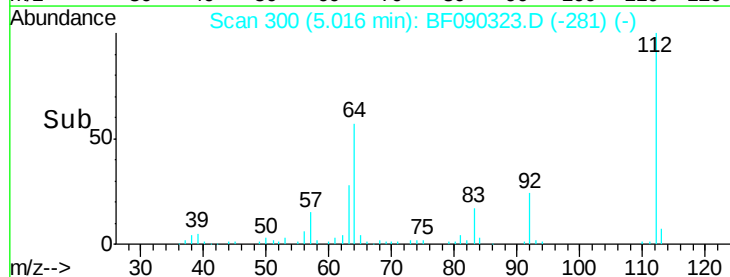
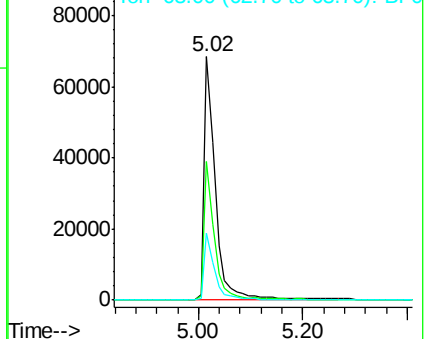
63 27.8 18.9 28.3



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: 16.13 ng

RT: 6.12 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF090323.D

Acq: 30 Sep 2016 20:22

Instrument :

BNA_F

ClientSampleId :

WC-AREA-ABI54-09272016

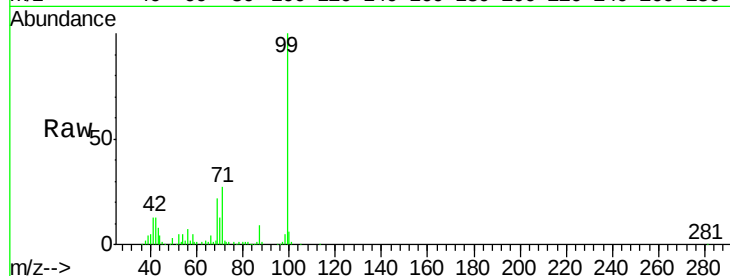
Tot Ion: 99 Resp: 167775

Ion Ratio Lower Upper

99 100

42 13.0 10.6 15.8

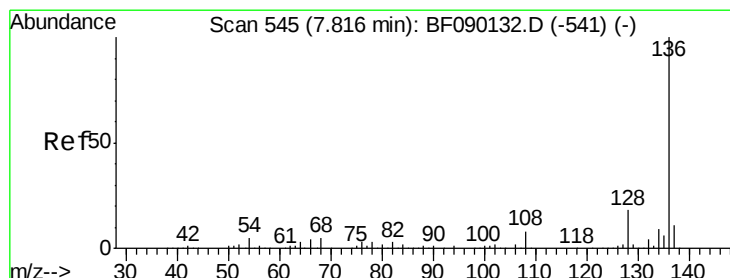
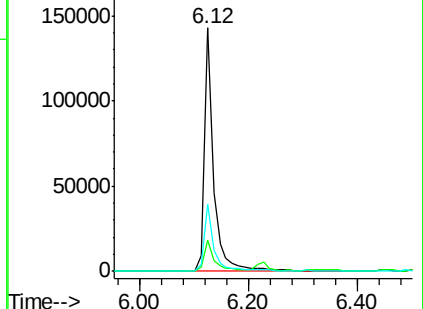
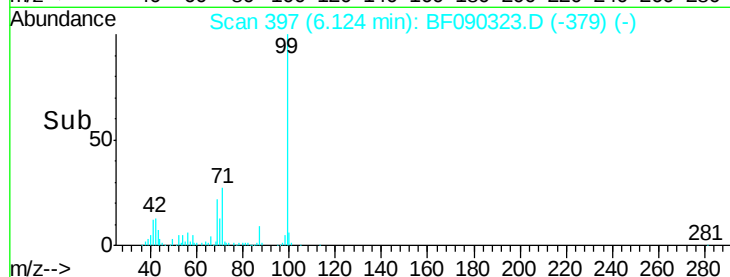
71 27.4 23.0 34.6



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 m

RT: 7.75 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF090323.D

Acq: 30 Sep 2016 20:22

Tgt Ion: 136 Resp: 518123

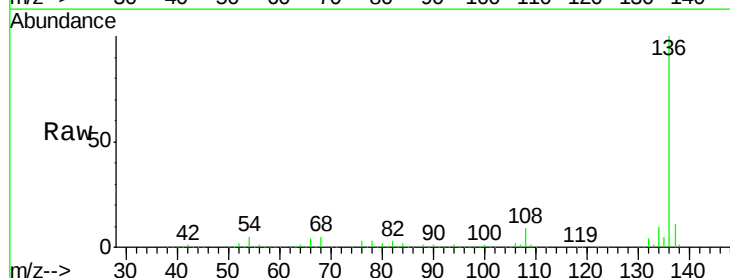
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.2 6.4 9.6#

68 5.2 6.3 9.5#

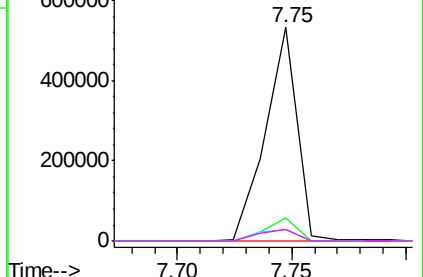
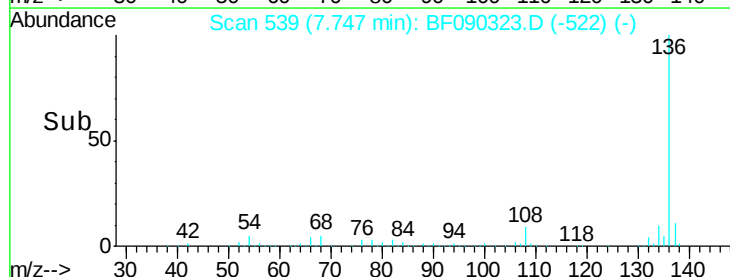


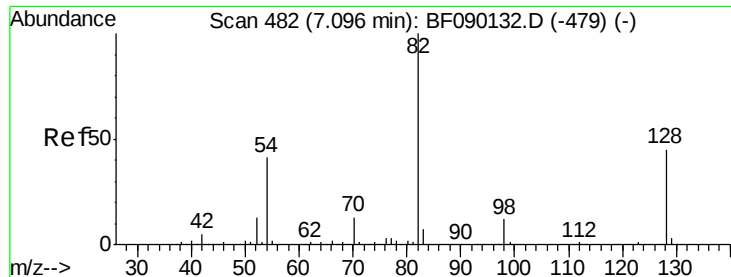
Abundance Ion 136.00 (135.70 to 136.70): E

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

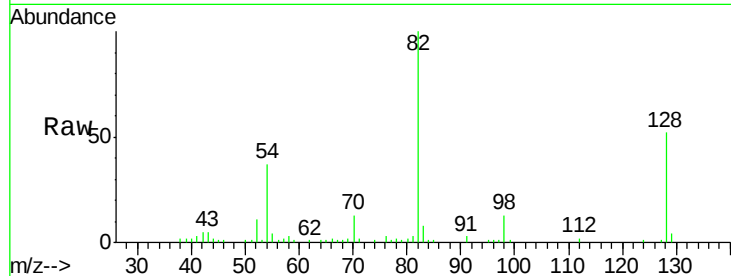




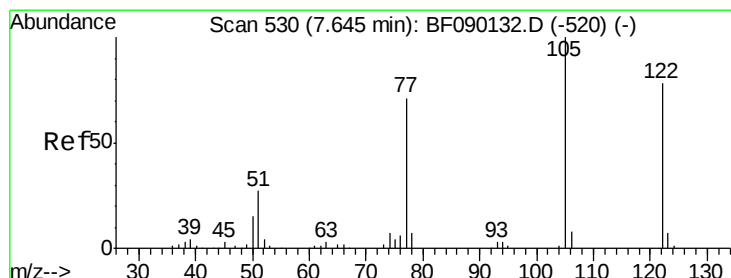
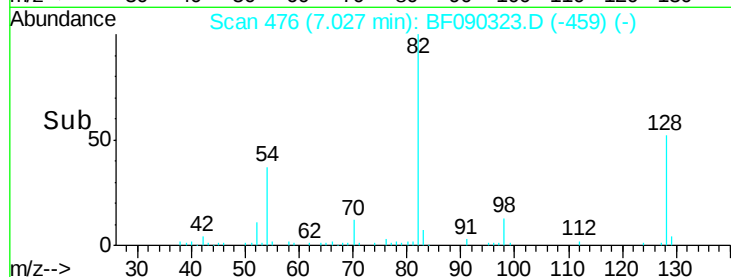
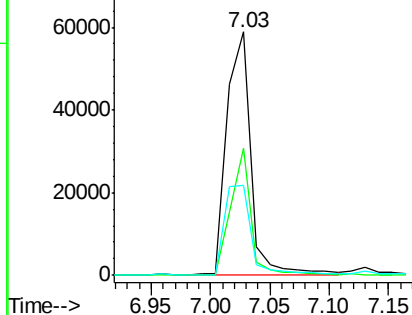
#23
 Nitrobenzene-d5
 Concen: 9.32 ng
 RT: 7.03 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: BF090323.D
 Acq: 30 Sep 2016 20:22

Instrument :
 BNA_F
 ClientSampleId :
 WC-AREA-ABI54-09272016

Tot Ion	82	Resp	83279
Ion Ratio	Lower	Upper	
82	100		
128	52.2	37.5	56.3
54	36.9	31.9	47.9

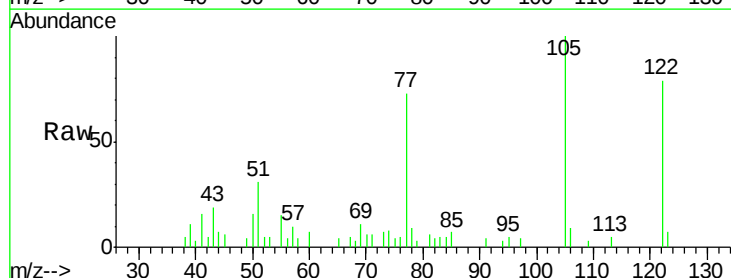


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

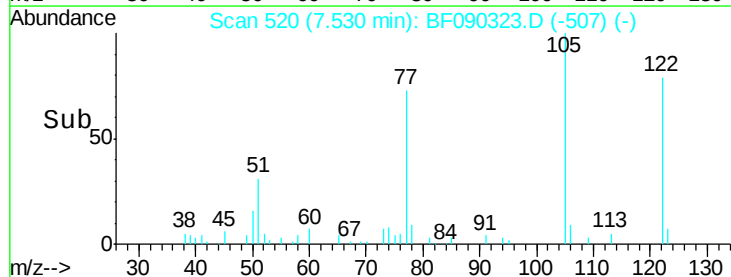
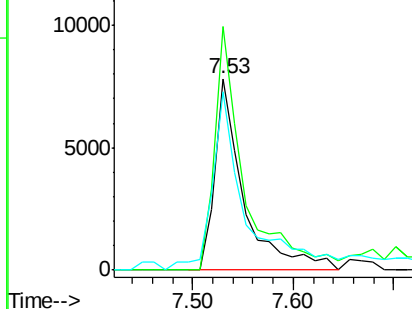


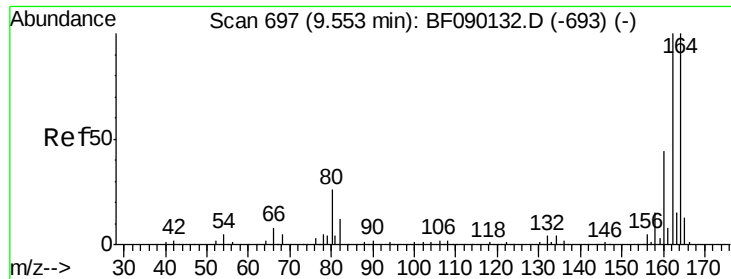
#32
 Benzoic acid
 Concen: 2.76 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.05 min
 Lab File: BF090323.D
 Acq: 30 Sep 2016 20:22

Tgt Ion	122	Resp	15456
Ion Ratio	Lower	Upper	
122	100		
105	127.3	105.0	145.0
77	93.4	70.4	110.4



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

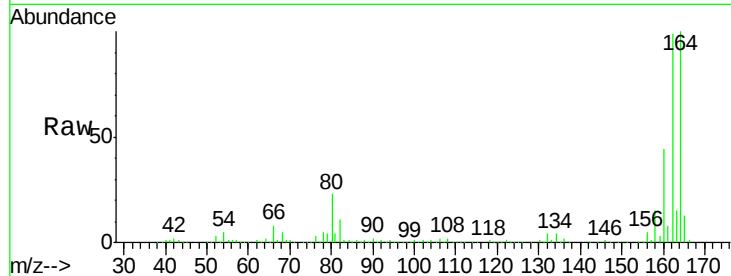




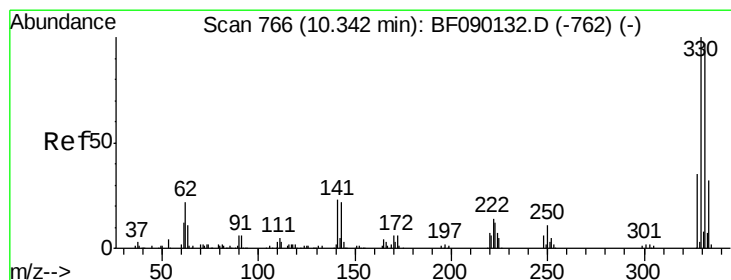
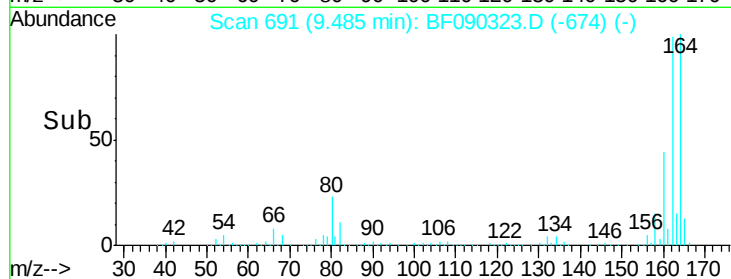
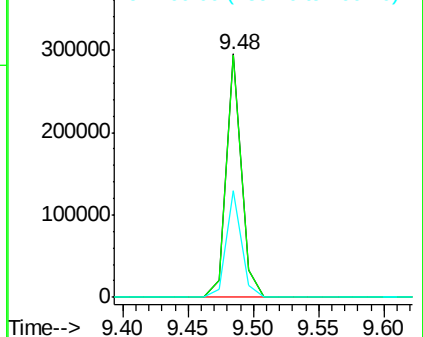
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF090323.D
Acq: 30 Sep 2016 20:22

Instrument :
BNA_F
ClientSampleId :
WC-AREA-ABI54-09272016

Tot Ion:164 Resp: 241365
Ion Ratio Lower Upper
164 100
162 99.3 81.4 122.2
160 43.6 36.6 54.8

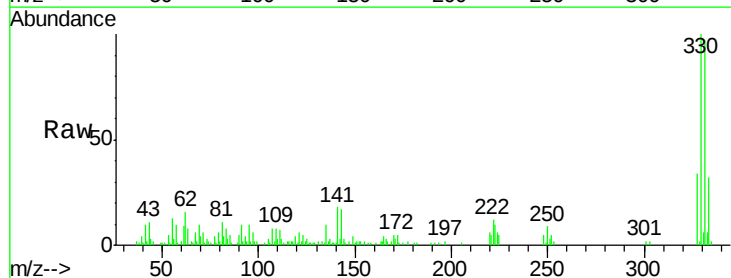


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

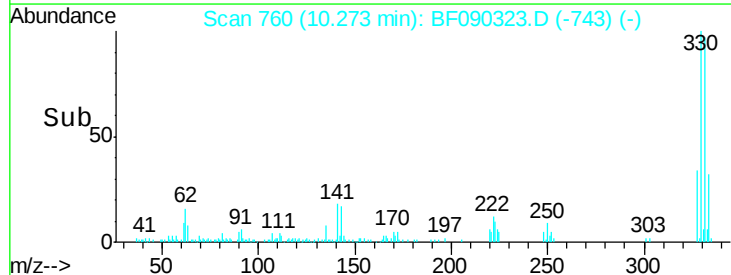
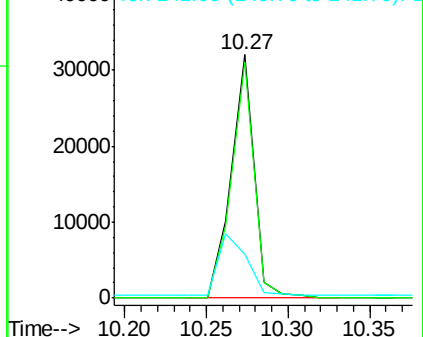


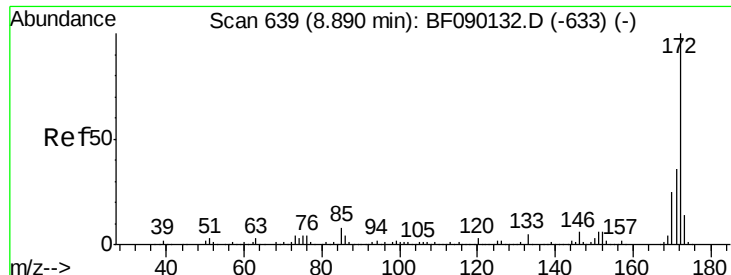
#41
2,4,6-Tribromophenol
Concen: 14.92 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF090323.D
Acq: 30 Sep 2016 20:22

Tgt Ion:330 Resp: 30889
Ion Ratio Lower Upper
330 100
332 96.7 78.1 117.1
141 34.2 23.9 35.9



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

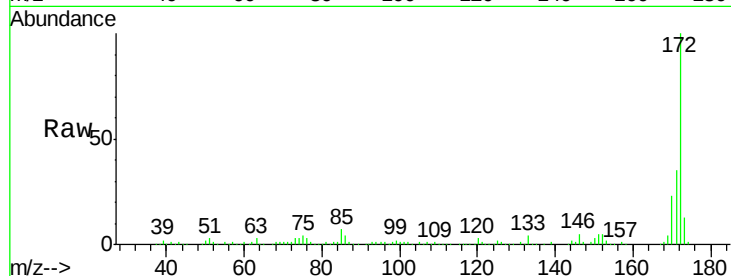




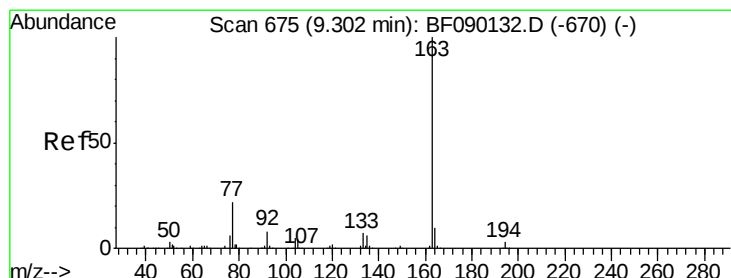
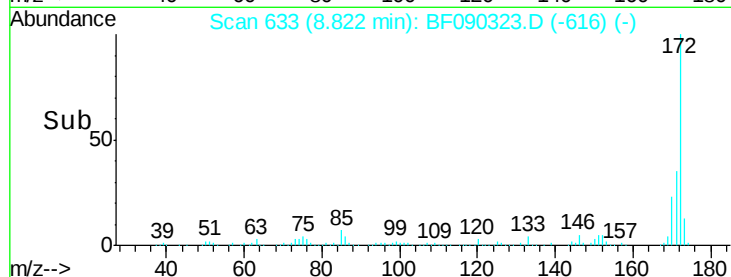
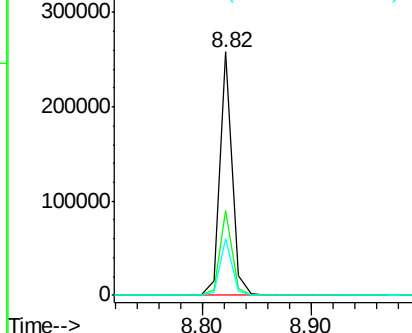
#44
2-Fluorobiphenyl
Concen: 16.69 ng
RT: 8.82 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF090323.D
Acq: 30 Sep 2016 20:22

Instrument :
BNA_F
ClientSampleId :
WC-AREA-ABI54-09272016

Tot Ion:172 Resp: 205213
Ion Ratio Lower Upper
172 100
171 34.6 29.2 43.8
170 23.1 19.8 29.8

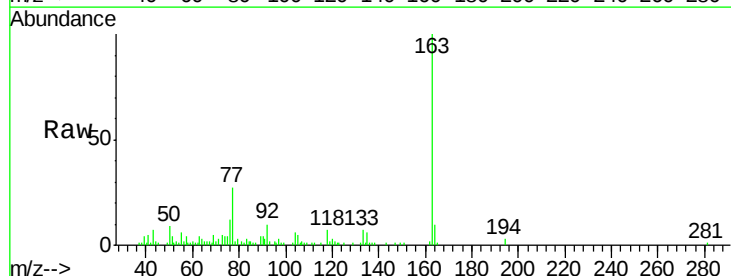


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

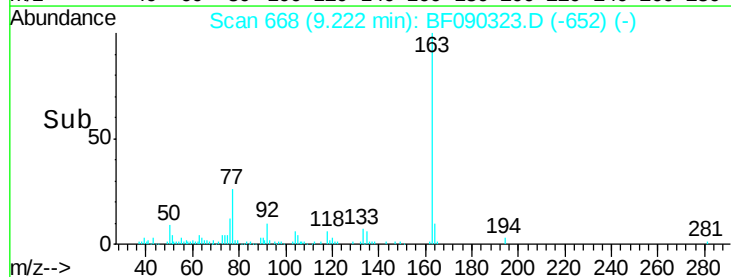
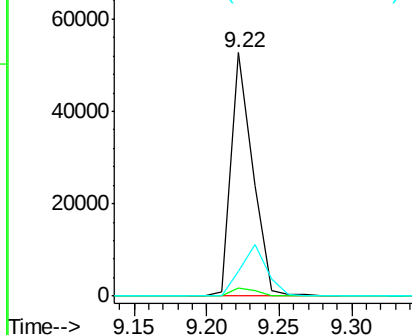


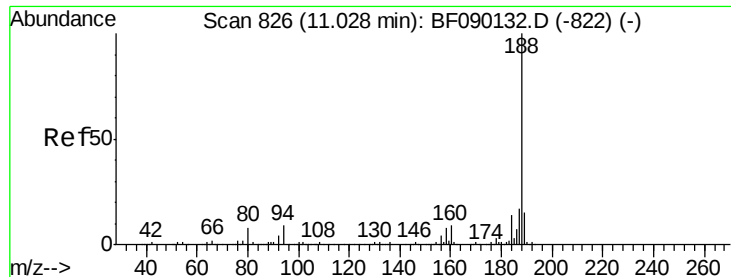
#49
Dimethylphthalate
Concen: 3.55 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF090323.D
Acq: 30 Sep 2016 20:22

Tgt Ion:163 Resp: 54646
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.4 8.1 12.1



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

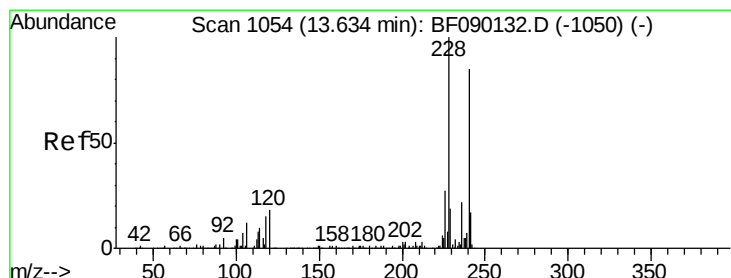
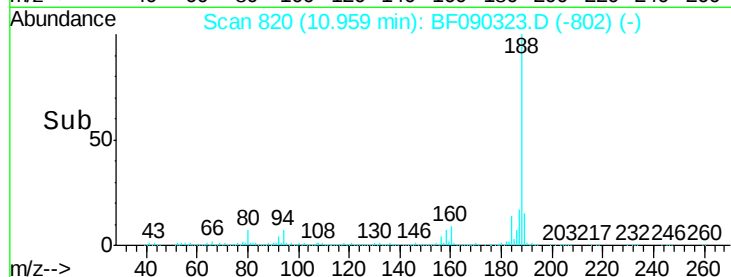
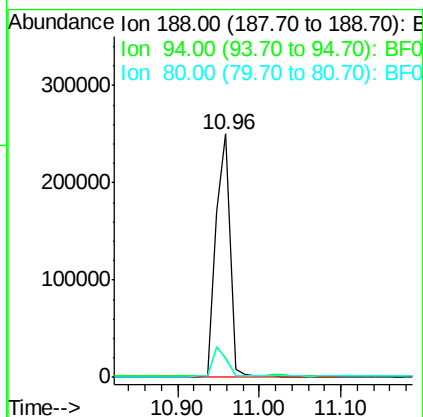
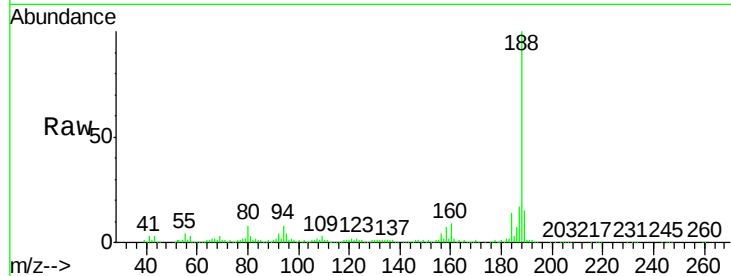




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.96 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF090323.D
Acq: 30 Sep 2016 20:22

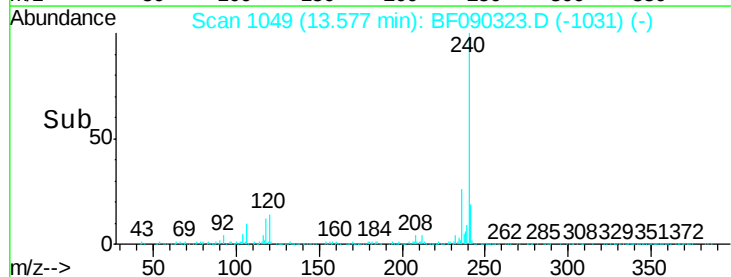
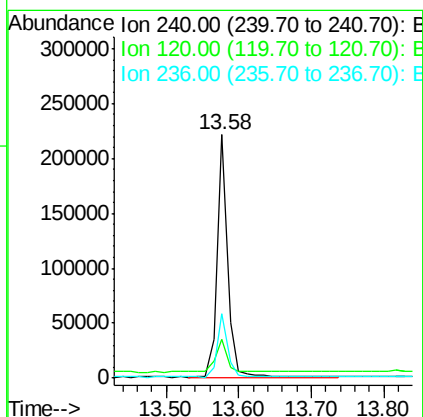
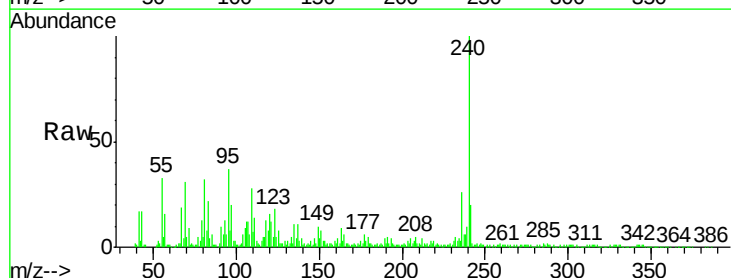
Instrument :
BNA_F
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WC-AREA-ABI54-09272016

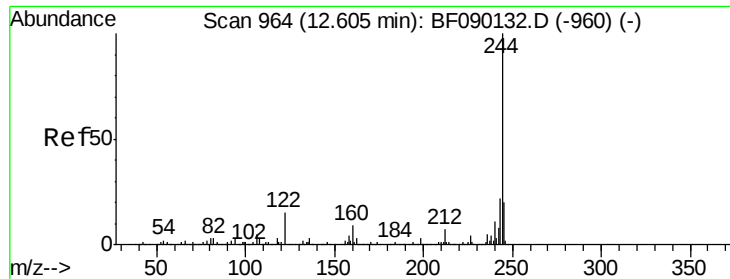
Tot Ion:188 Resp: 304060
Ion Ratio Lower Upper
188 100
94 7.8 10.5 15.7#
80 7.6 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF090323.D
Acq: 30 Sep 2016 20:22

Tgt Ion:240 Resp: 221298
Ion Ratio Lower Upper
240 100
120 16.1 10.6 16.0#
236 26.4 21.6 32.4





#78

Terphenyl-d14

Concen: 12.73 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF090323.D

Acq: 30 Sep 2016 20:22

Instrument :

BNA_F

ClientSampleId :

WC-AREA-ABI54-09272016

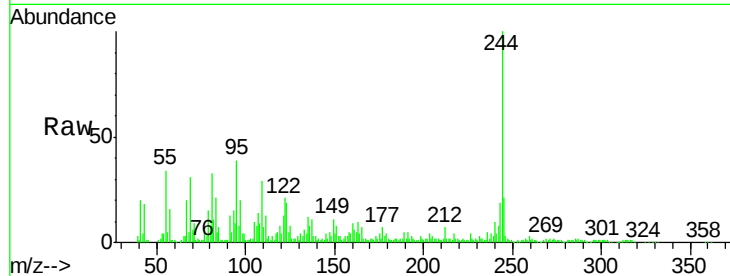
Tot Ion:244 Resp: 110948

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

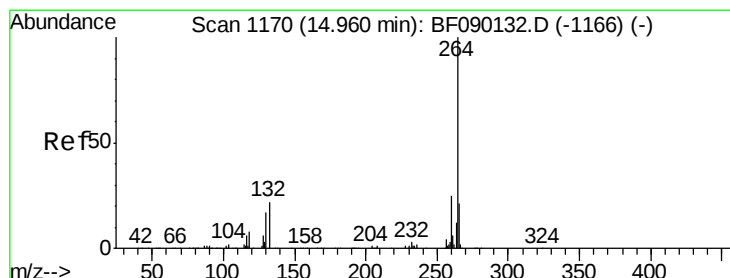
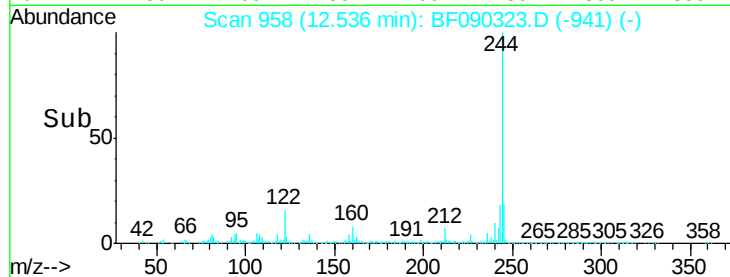
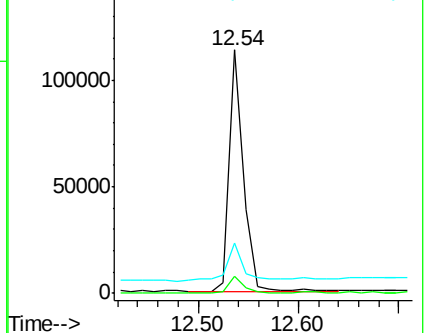
122 20.8 9.4 14.0#



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: 14.91 min Scan# 1166

Delta R.T. 0.03 min

Lab File: BF090323.D

Acq: 30 Sep 2016 20:22

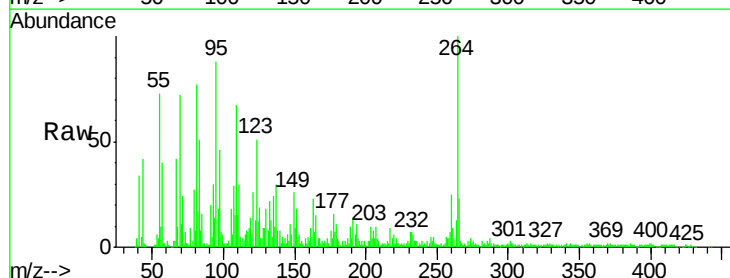
Tgt Ion:264 Resp: 149259

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 22.5 17.0 25.4



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

