

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF097006.D
 Acq On : 25 Jul 2017 1:00
 Operator : SJ/JU
 Sample : I4360-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 295-N-2-(0-2)

Quant Time: Jul 25 03:22:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

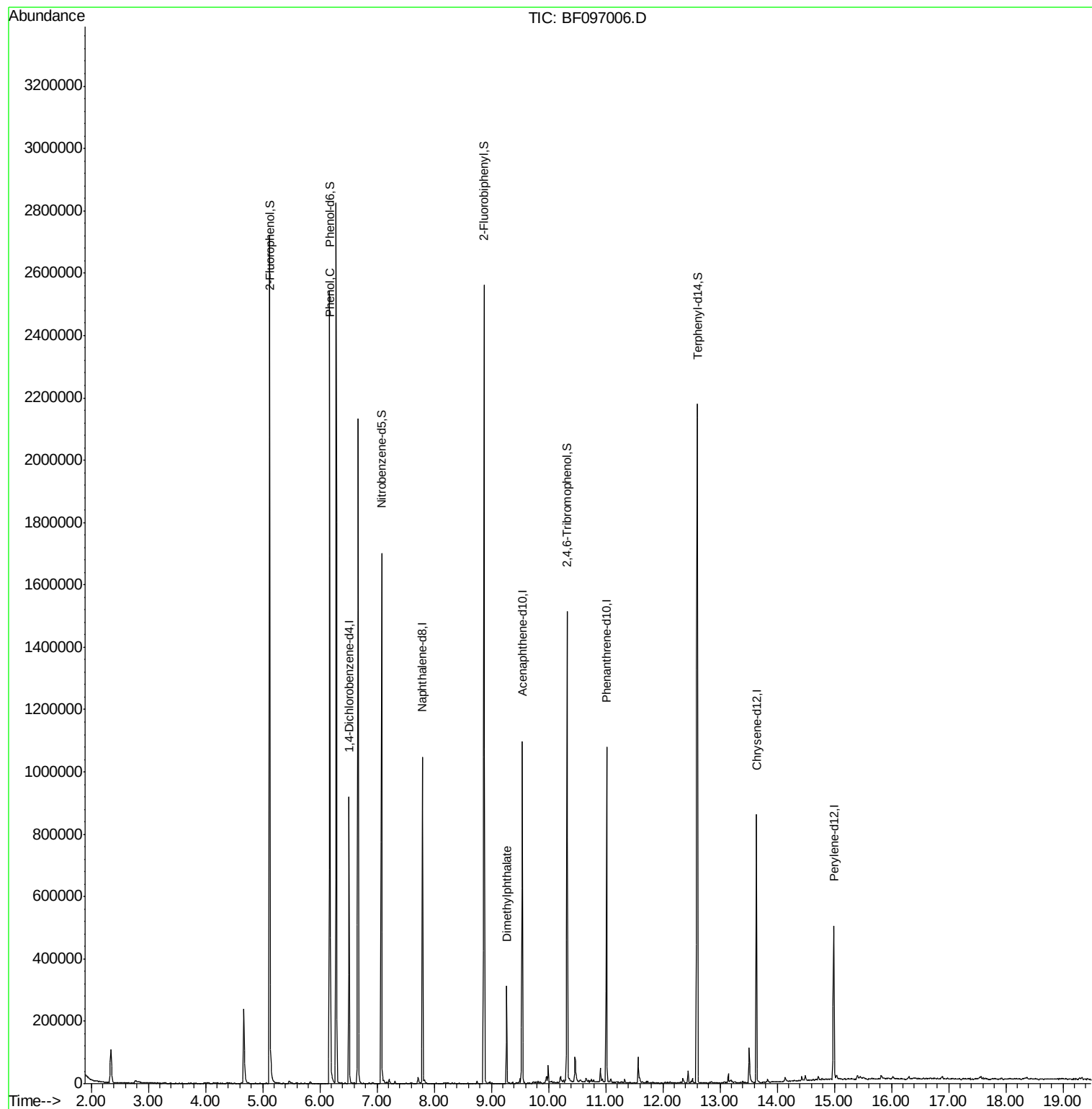
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	128119	20.00	ng	-0.03
21) Naphthalene-d8	7.79	136	496848	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	215024	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	382221	20.00	ng	-0.04
75) Chrysene-d12	13.64	240	278217	20.00	ng	-0.04
86) Perylene-d12	14.99	264	194399	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	777707	91.27	ng	-0.03
7) Phenol-d6	6.17	99	940446	91.97	ng	-0.04
23) Nitrobenzene-d5	7.08	82	531054	66.21	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	170914	93.12	ng	-0.04
44) 2-Fluorobiphenyl	8.87	172	871728	64.05	ng	-0.04
78) Terphenyl-d14	12.60	244	751788	46.86	ng	-0.03
Target Compounds						
10) Phenol	6.19	94	34036	2.944	ng	95
49) Dimethylphthalate	9.27	163	122412	7.561	ng	100

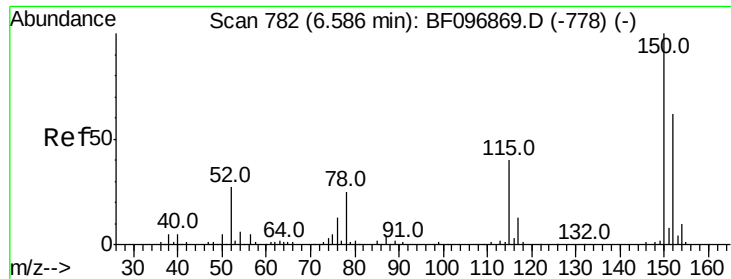
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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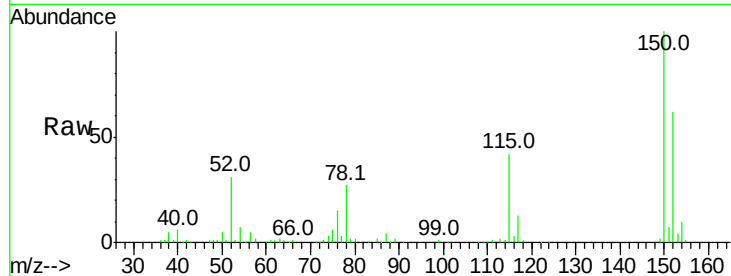


#1

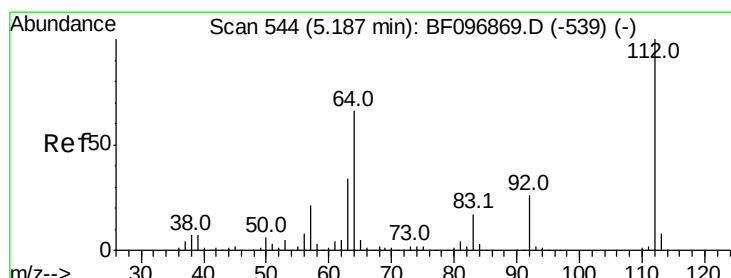
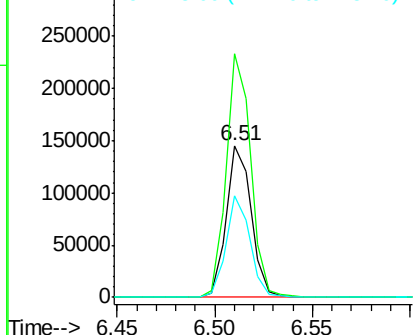
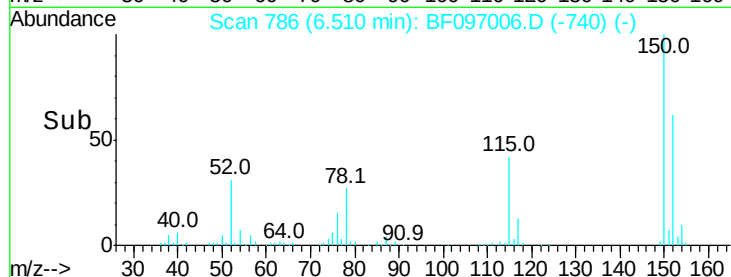
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.51 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF097006.D
Acq: 25 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :
295-N-2-(0-2)

Tot Ion:152 Resp: 128119
Ion Ratio Lower Upper
152 100
150 160.6 126.2 189.2
115 66.8 52.2 78.2



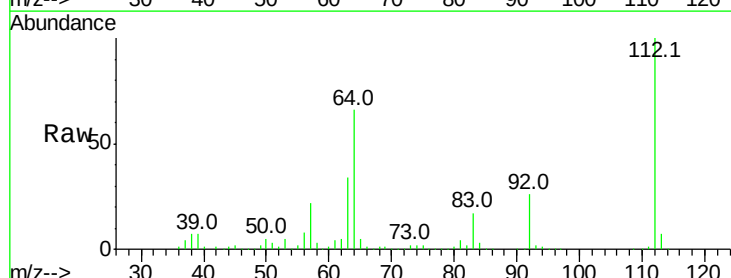
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



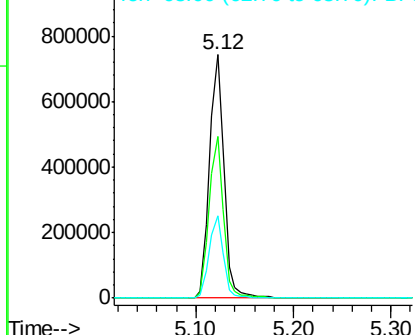
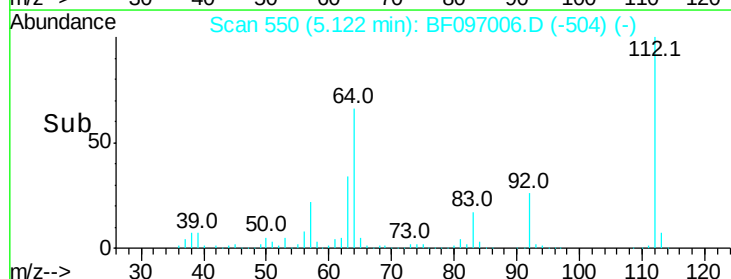
#5

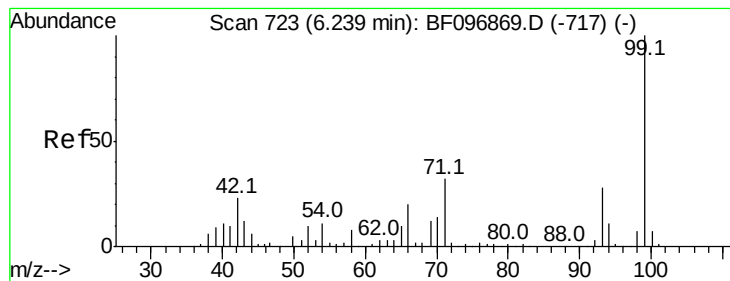
2-Fluorophenol
Concen: 91.270 ng
RT: 5.12 min Scan# 550
Delta R.T. -0.03 min
Lab File: BF097006.D
Acq: 25 Jul 2017 1:00

Tgt Ion:112 Resp: 777707
Ion Ratio Lower Upper
112 100
64 66.2 46.0 69.0
63 33.7 23.4 35.0



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: 91.972 ng

RT: 6.17 min Scan# 729

Delta R.T. -0.04 min

Lab File: BF097006.D

Acq: 25 Jul 2017 1:00

Instrument :

BNA_F

ClientSampleId :

295-N-2-(0-2)

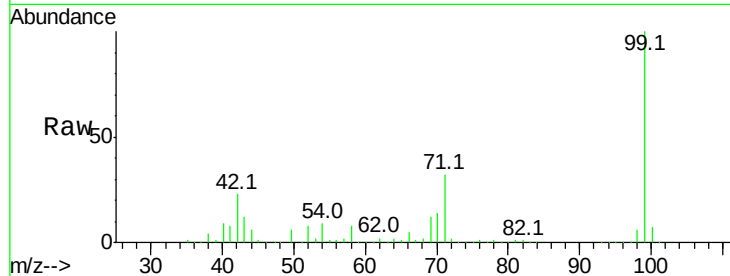
Tot Ion: 99 Resp: 940446

Ion Ratio Lower Upper

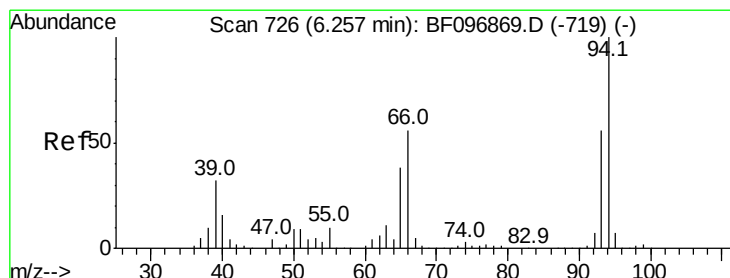
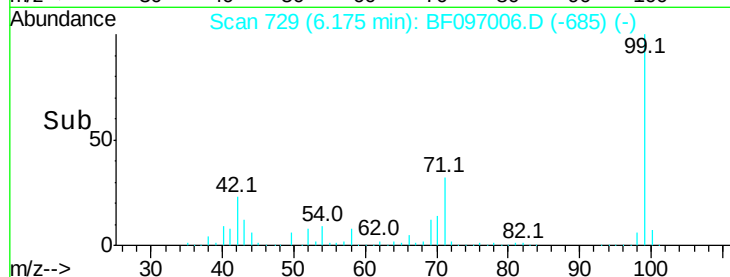
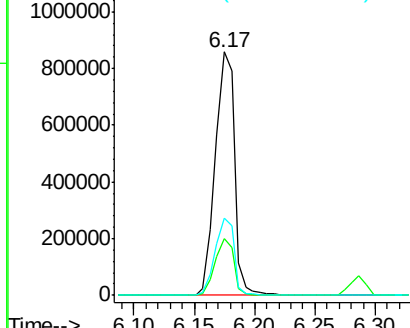
99 100

42 23.4 13.5 20.3#

71 31.9 24.5 36.7



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



#10

Phenol

Concen: 2.944 ng

RT: 6.19 min Scan# 731

Delta R.T. -0.04 min

Lab File: BF097006.D

Acq: 25 Jul 2017 1:00

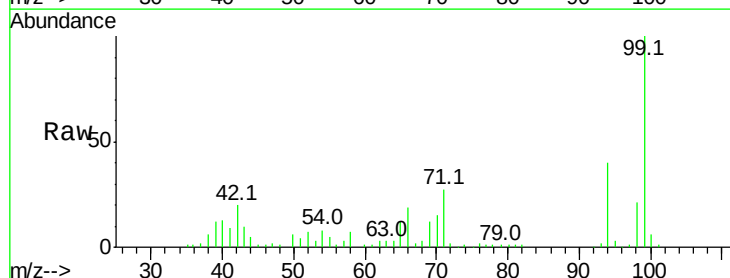
Tgt Ion: 94 Resp: 34036

Ion Ratio Lower Upper

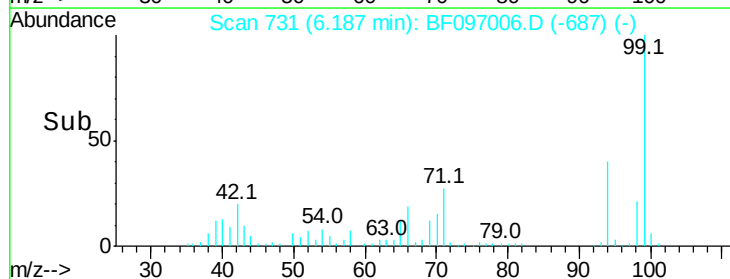
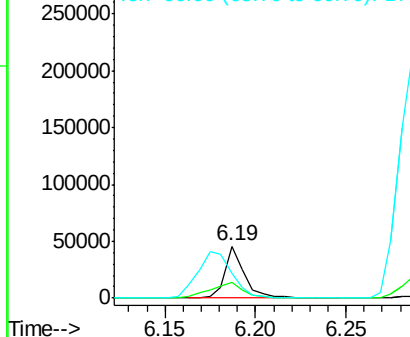
94 100

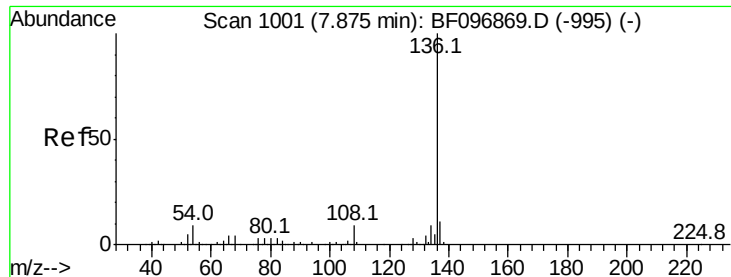
65 30.8 9.9 49.9

66 47.7 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

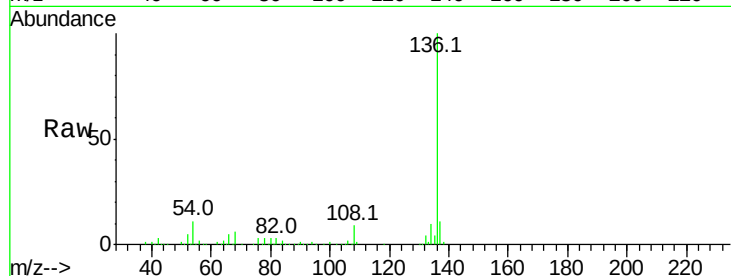




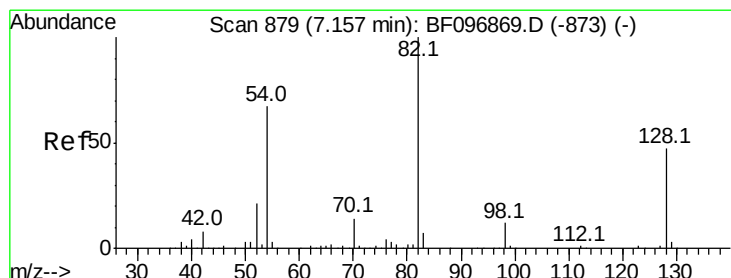
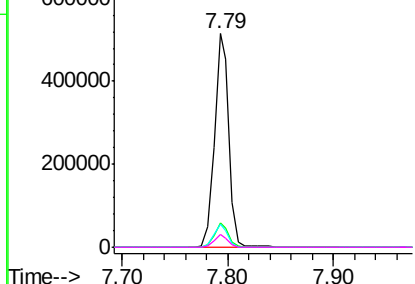
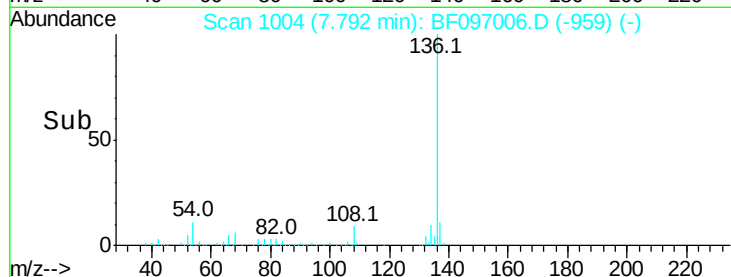
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.79 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF097006.D
Acq: 25 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :
295-N-2-(0-2)

Tot Ion:136 Resp: 496848
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 11.0 4.9 7.3#
68 5.9 4.1 6.1

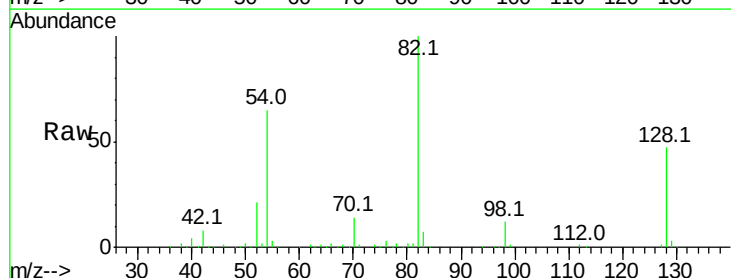


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

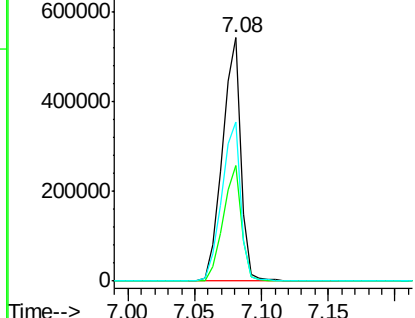
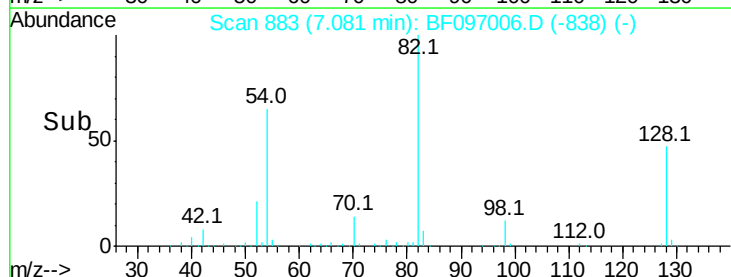


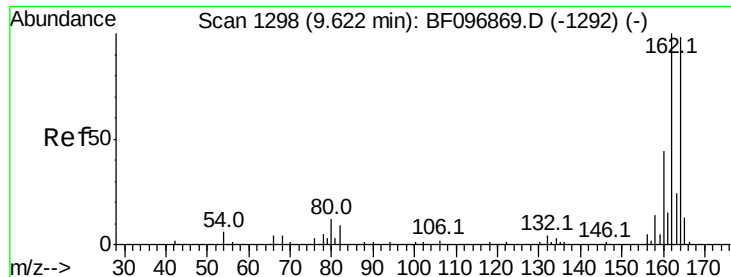
#23
Nitrobenzene-d5
Concen: 66.205 ng
RT: 7.08 min Scan# 883
Delta R.T. -0.04 min
Lab File: BF097006.D
Acq: 25 Jul 2017 1:00

Tgt Ion: 82 Resp: 531054
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 65.5 42.2 63.2#



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

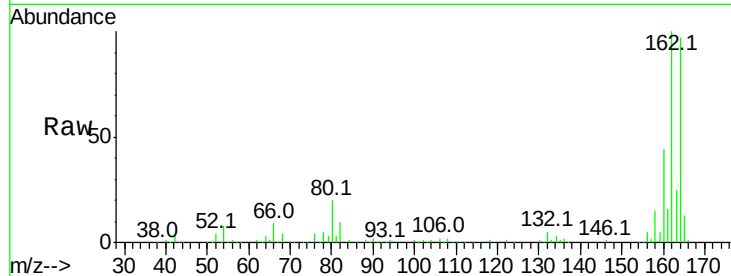




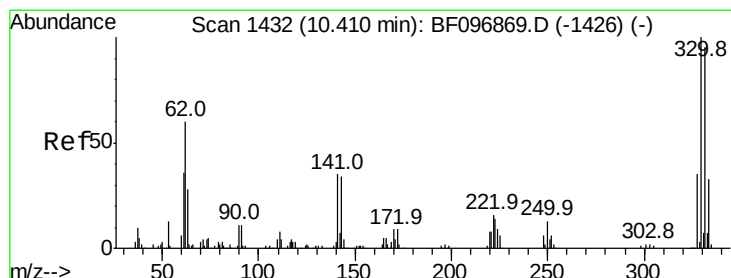
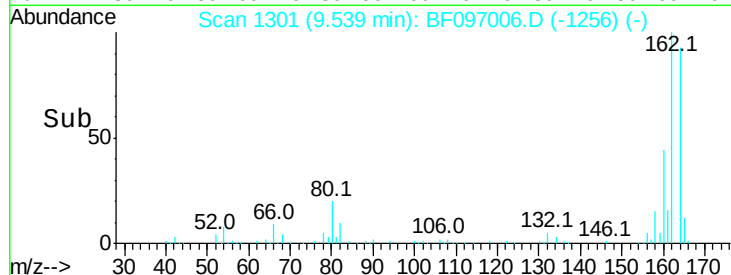
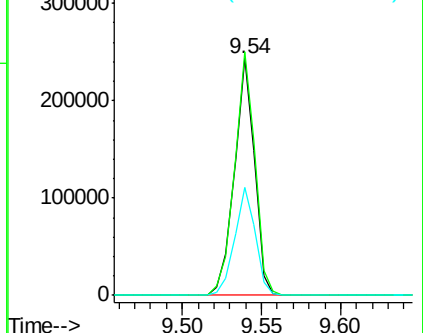
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BF097006.D
Acq: 25 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :
295-N-2-(0-2)

Tot Ion:164 Resp: 215024
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 45.5 36.2 54.2

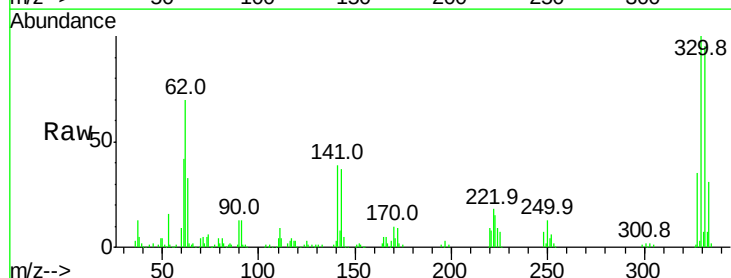


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

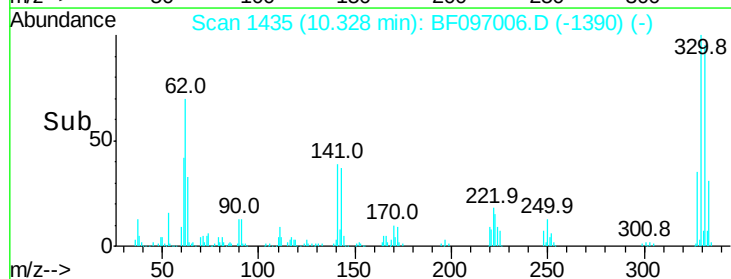
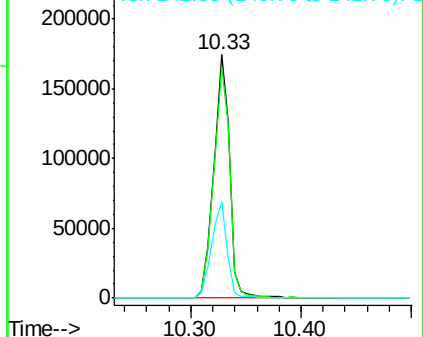


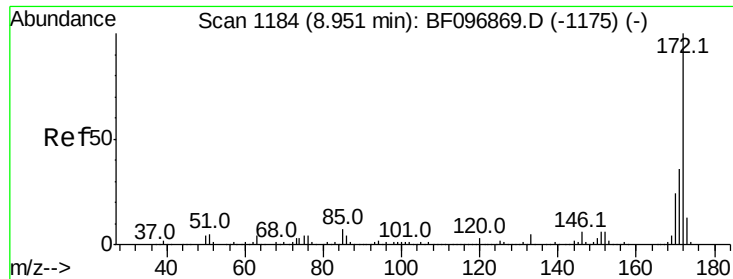
#41
2,4,6-Tribromophenol
Concen: 93.120 ng
RT: 10.33 min Scan# 1435
Delta R.T. -0.04 min
Lab File: BF097006.D
Acq: 25 Jul 2017 1:00

Tgt Ion:330 Resp: 170914
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 38.8 31.4 47.2



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

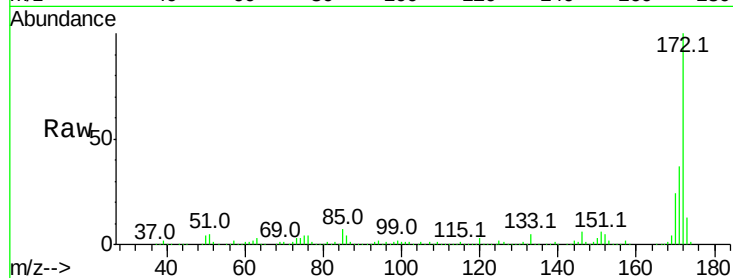




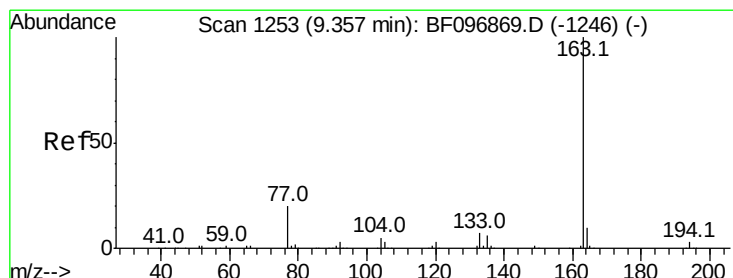
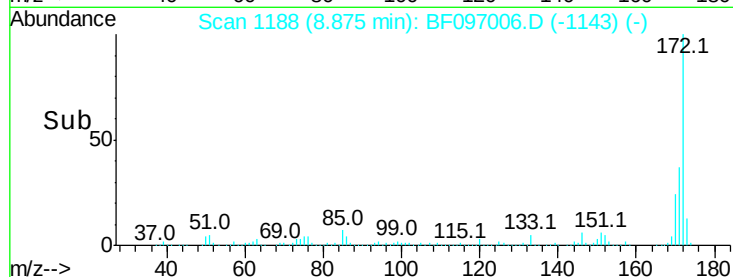
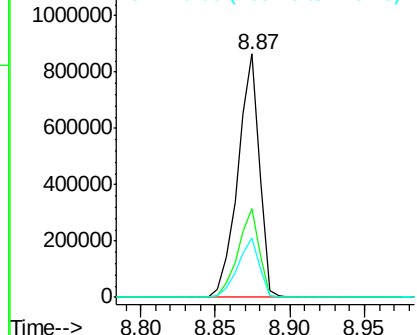
#44
2-Fluorobiphenyl
Concen: 64.052 ng
RT: 8.87 min Scan# 1188
Delta R.T. -0.04 min
Lab File: BF097006.D
Acq: 25 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :
295-N-2-(0-2)

Tot Ion:172 Resp: 871728
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.4 19.8 29.8

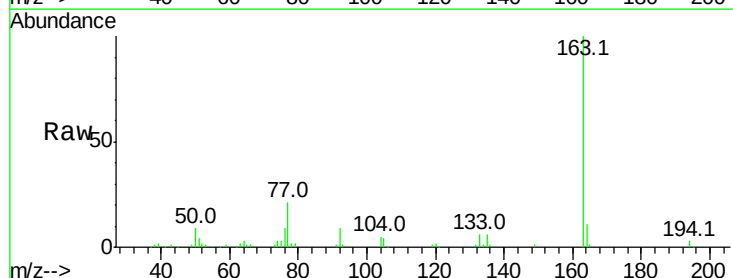


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

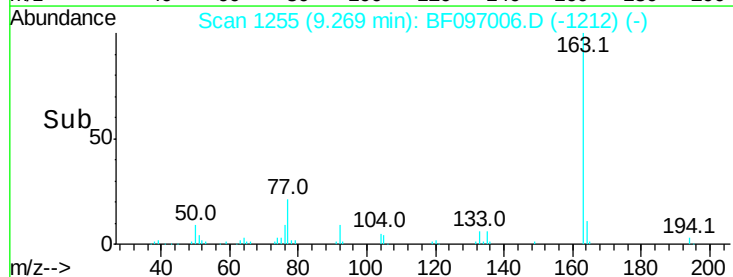
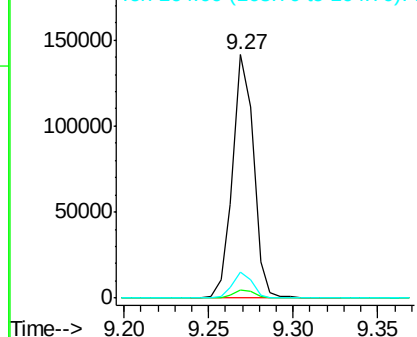


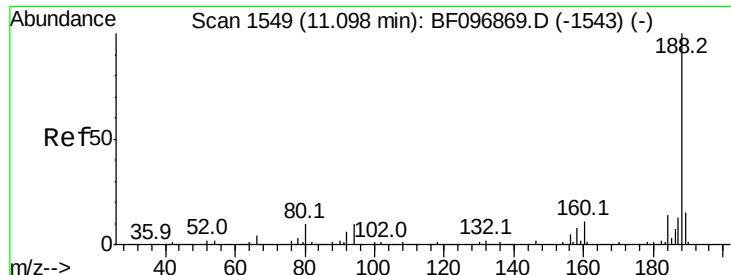
#49
Dimethylphthalate
Concen: 7.561 ng
RT: 9.27 min Scan# 1255
Delta R.T. -0.05 min
Lab File: BF097006.D
Acq: 25 Jul 2017 1:00

Tgt Ion:163 Resp: 122412
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.6 8.4 12.6



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

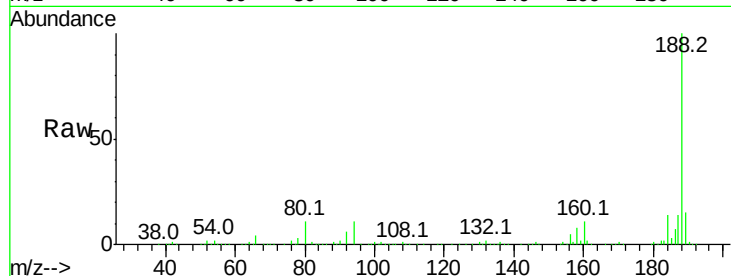




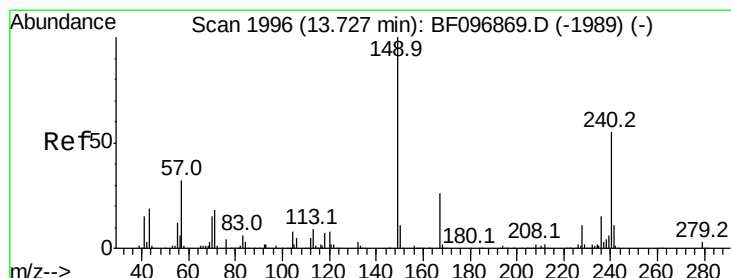
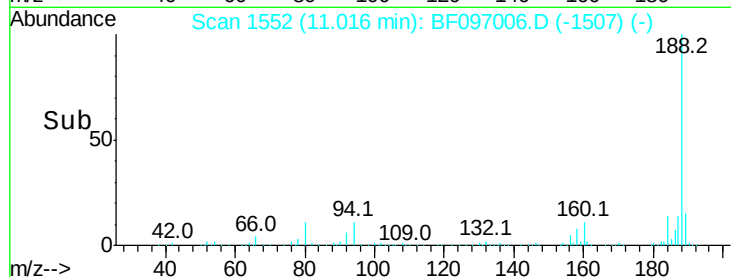
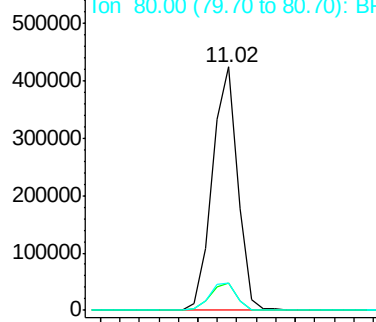
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.04 min
Lab File: BF097006.D
Acq: 25 Jul 2017 1:00

Instrument :
BNA_F
ClientSampleId :
295-N-2-(0-2)

Tot Ion:188 Resp: 382221
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.3 10.2 15.2

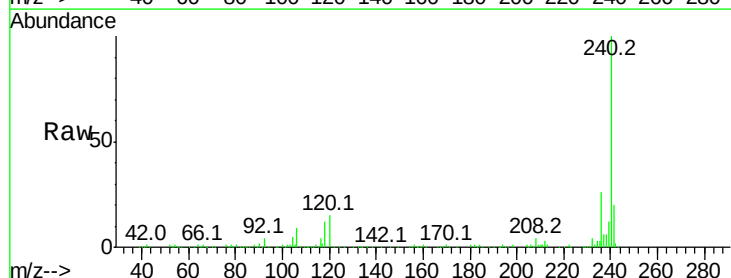


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

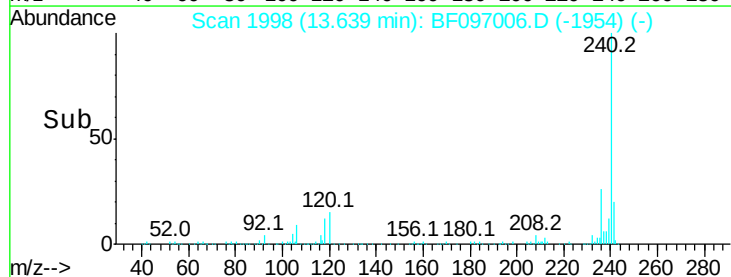
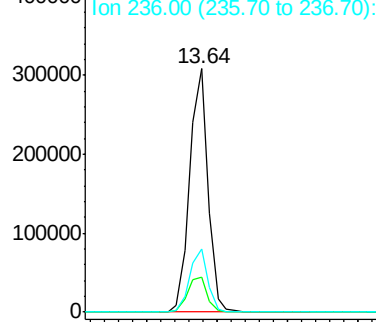


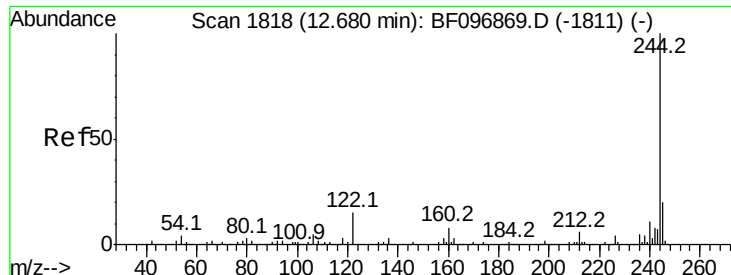
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.04 min
Lab File: BF097006.D
Acq: 25 Jul 2017 1:00

Tgt Ion:240 Resp: 278217
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 26.1 20.5 30.7



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: 46.863 ng

RT: 12.60 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BF097006.D

Acq: 25 Jul 2017 1:00

Instrument :

BNA_F

ClientSampleId :

295-N-2-(0-2)

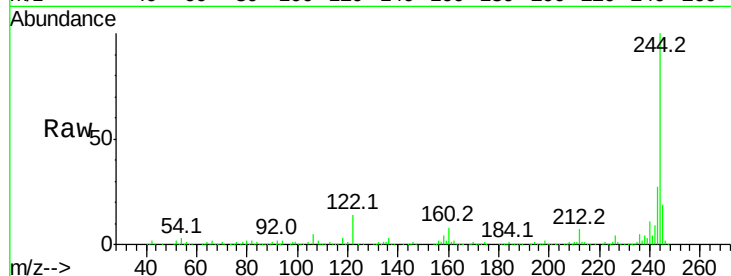
Tot Ion:244 Resp: 751788

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

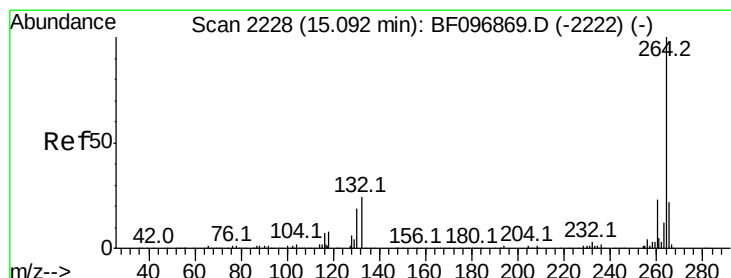
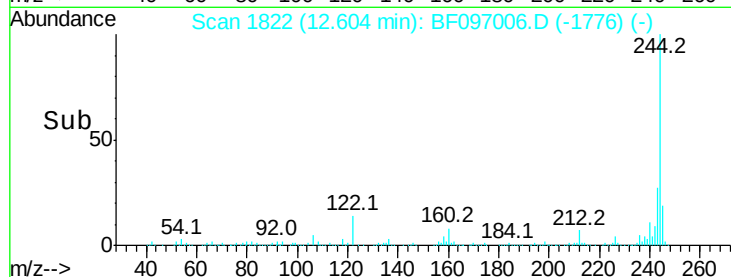
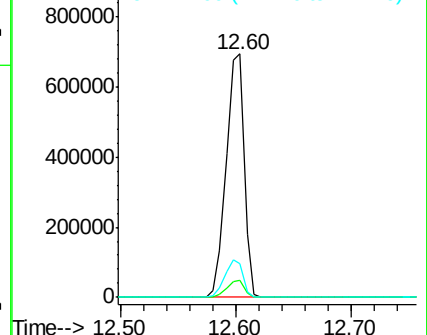
122 13.8 10.3 15.5



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: 20.000 ng

RT: 14.99 min Scan# 2228

Delta R.T. -0.04 min

Lab File: BF097006.D

Acq: 25 Jul 2017 1:00

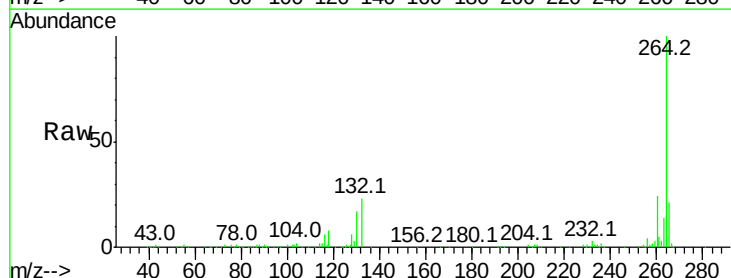
Tgt Ion:264 Resp: 194399

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.5 17.2 25.8



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

