

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
 Data File : BF092331.D
 Acq On : 17 Jan 2017 22:24
 Operator : UM/SJ
 Sample : I1242-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-09

Quant Time: Jan 18 00:49:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:11:54 2017
 Response via : Initial Calibration

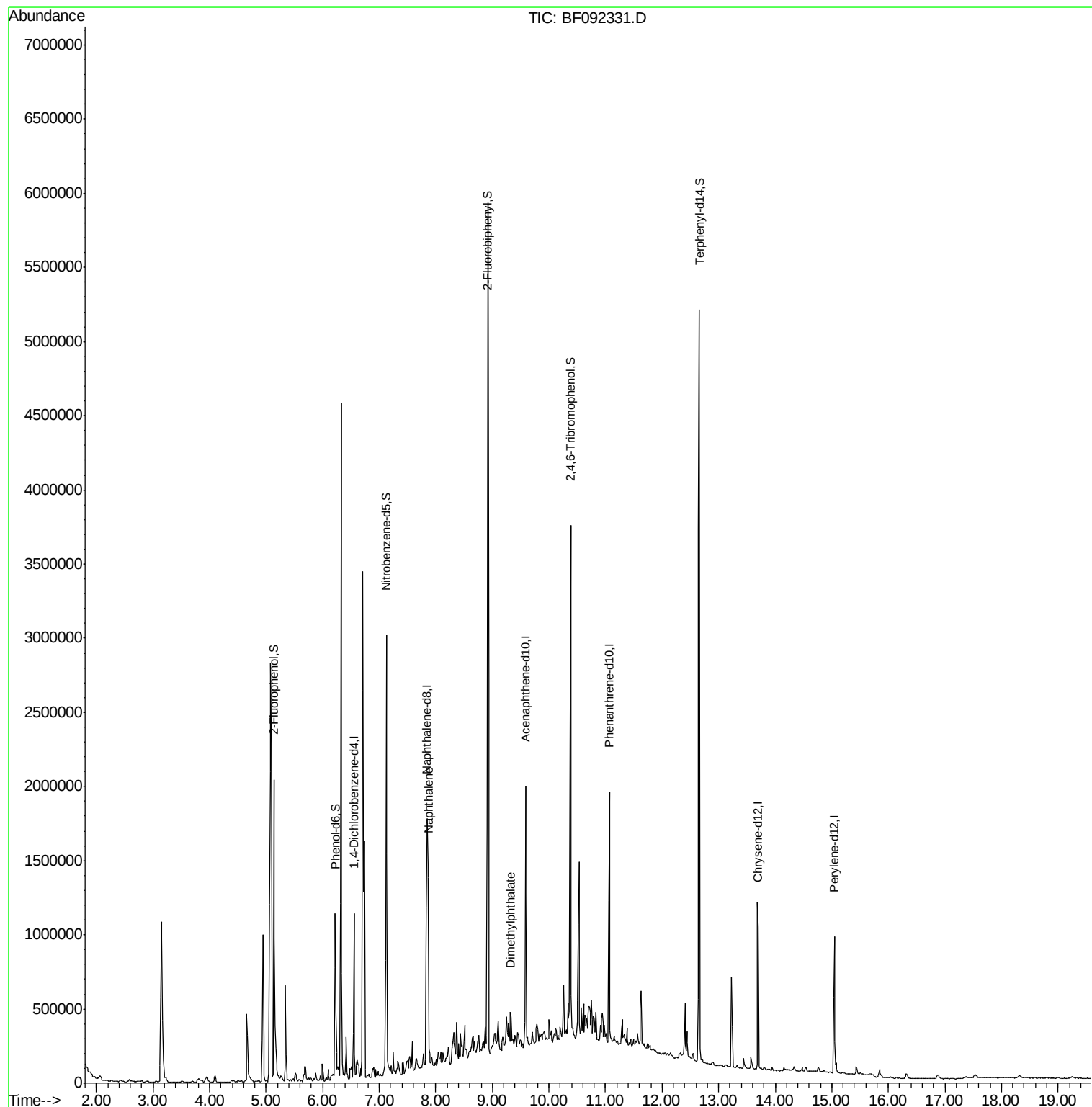
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	181314	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	933916	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	472449	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	765686	20.00	ng	0.00
75) Chrysene-d12	13.70	240	548626	20.00	ng	0.00
86) Perylene-d12	15.05	264	427786	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	796795	73.38	ng	0.00
7) Phenol-d6	6.22	99	601287	45.35	ng	0.00
23) Nitrobenzene-d5	7.12	82	1233137	73.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	514046	131.47	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	2363237	105.62	ng	0.00
78) Terphenyl-d14	12.66	244	2107919	93.18	ng	0.01
Target Compounds						
31) Naphthalene	7.87	128	907429	21.23	ng	98
49) Dimethylphthalate	9.32	163	78164	2.59	ng	96

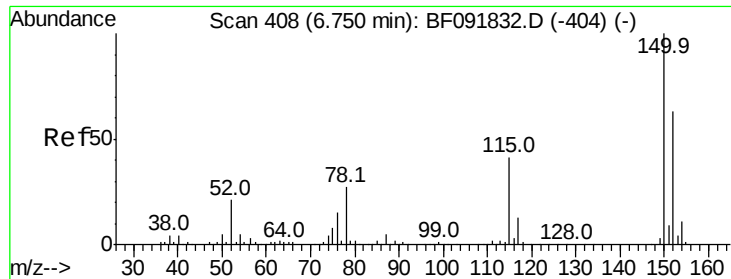
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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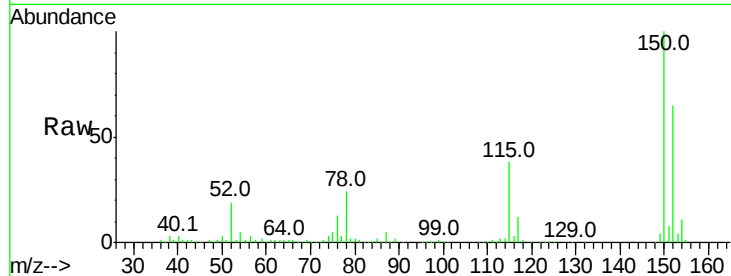


#1

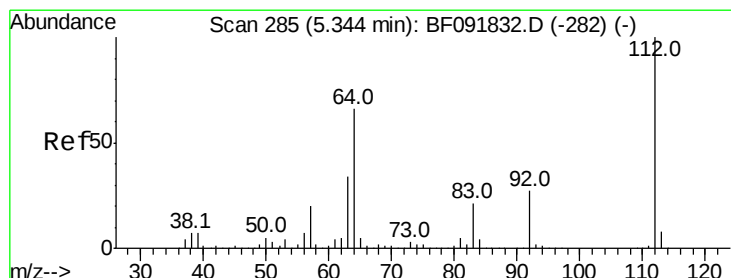
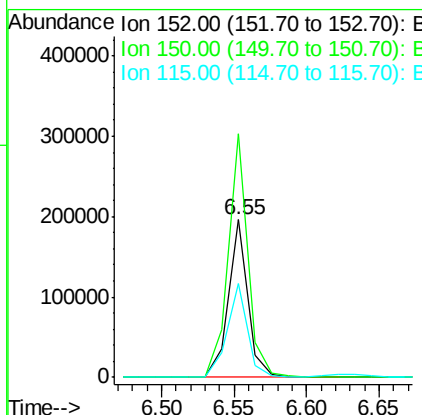
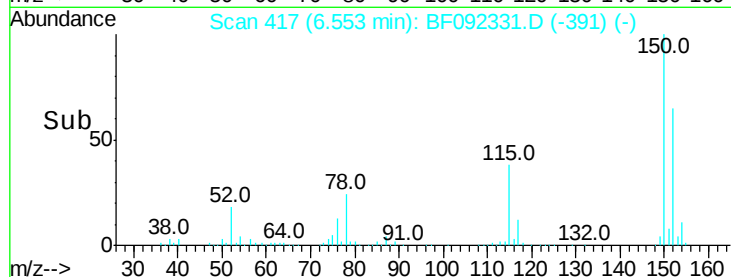
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF092331.D
Acq: 17 Jan 2017 22:24

Instrument :
BNA_F
ClientSampleId :
W-09

Tot Ion:152 Resp: 181314
Ion Ratio Lower Upper
152 100
150 154.7 124.9 187.3
115 59.6 46.0 69.0



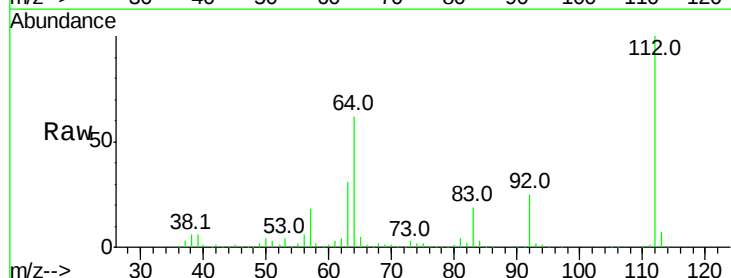
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



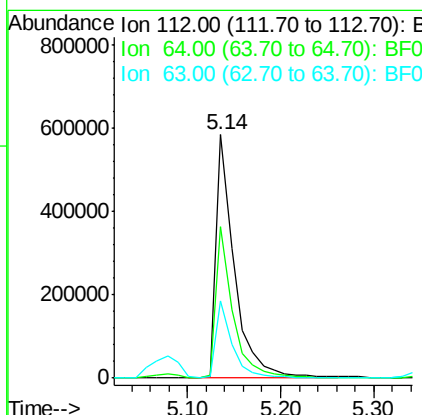
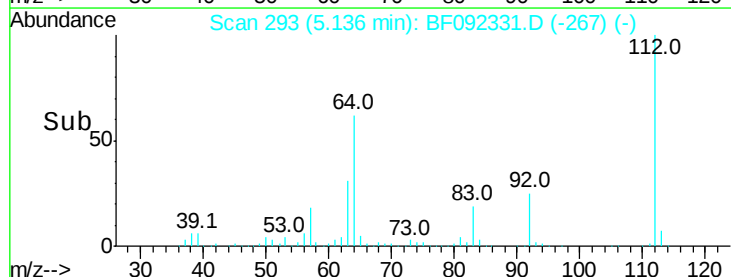
#5

2-Fluorophenol
Concen: 73.38 ng
RT: 5.14 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF092331.D
Acq: 17 Jan 2017 22:24

Tgt Ion:112 Resp: 796795
Ion Ratio Lower Upper
112 100
64 62.1 46.1 69.1
63 31.5 23.8 35.6



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: 45.35 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

Instrument :

BNA_F

ClientSampled :

W-09

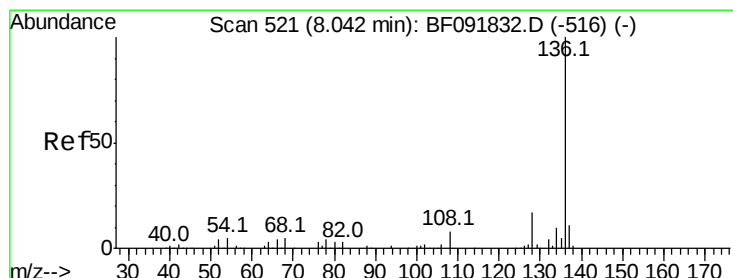
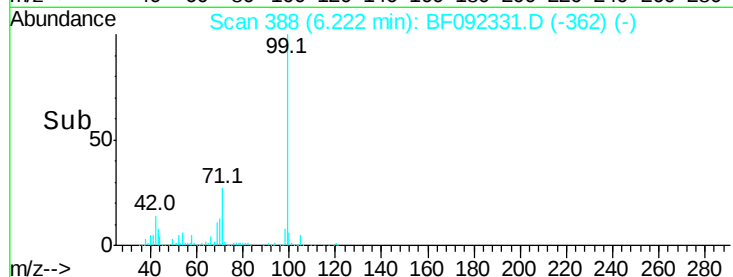
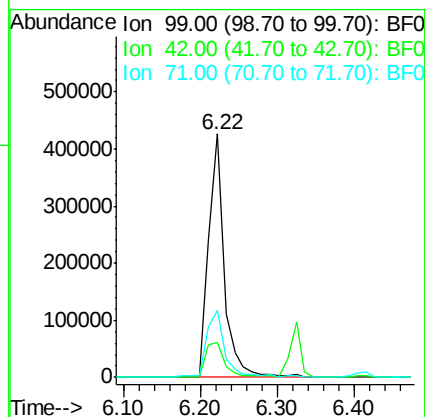
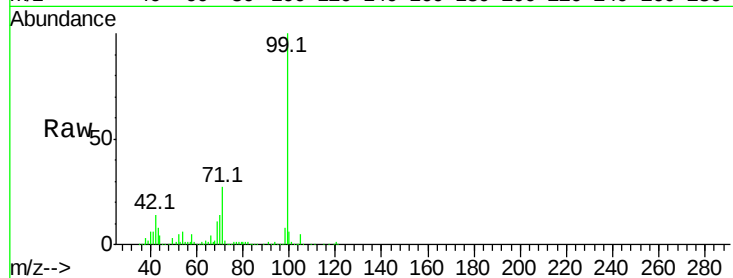
Tot Ion: 99 Resp: 601287

Ion Ratio Lower Upper

99 100

42 14.3 15.6 23.4#

71 27.4 27.5 41.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

Tgt Ion: 136 Resp: 933916

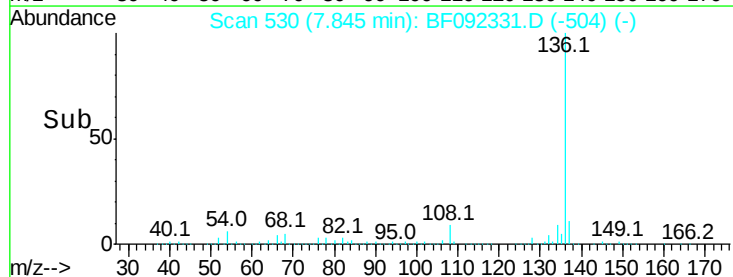
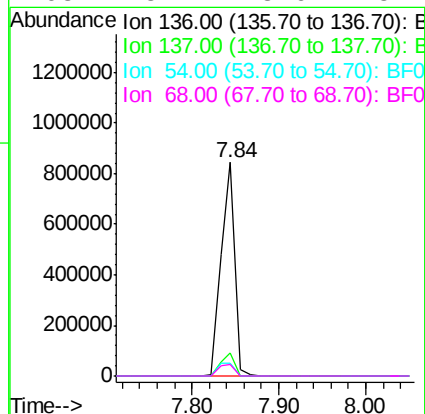
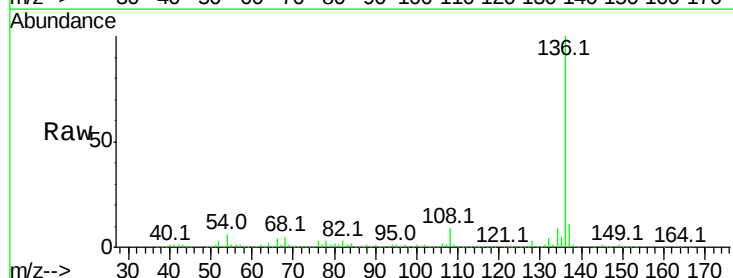
Ion Ratio Lower Upper

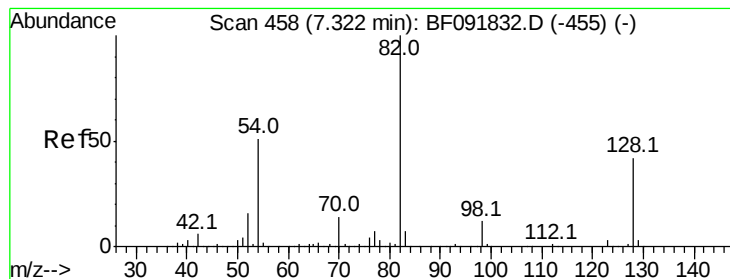
136 100

137 10.9 8.4 12.6

54 6.0 4.5 6.7

68 5.4 3.6 5.4





#23

Nitrobenzene-d5

Concen: 73.42 ng

RT: 7.12 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

Instrument :

BNA_F

ClientSampleId :

W-09

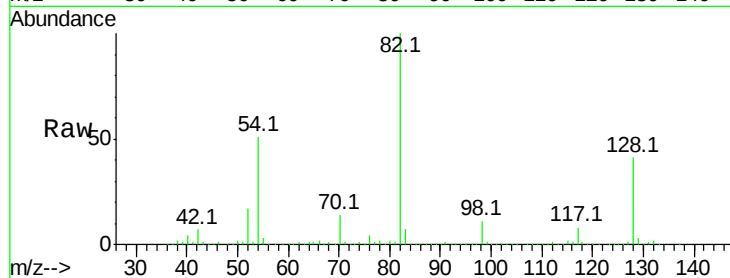
Tot Ion: 82 Resp: 1233137

Ion Ratio Lower Upper

82 100

128 40.7 34.6 52.0

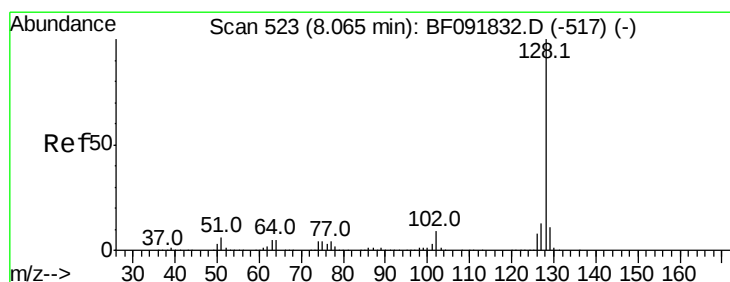
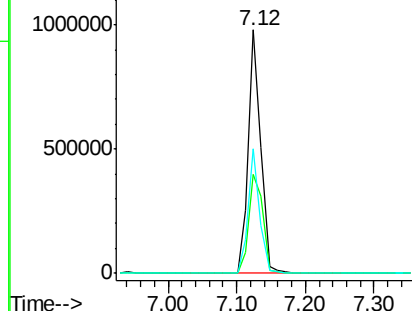
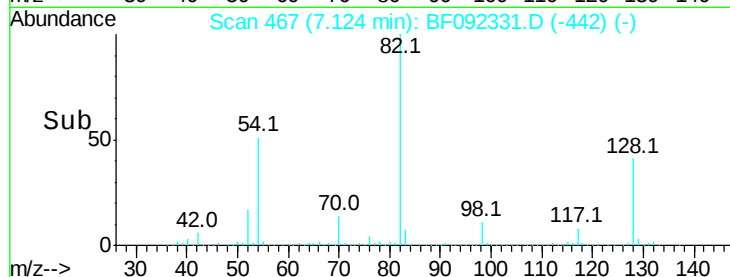
54 51.3 39.5 59.3



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



#31

Naphthalene

Concen: 21.23 ng

RT: 7.87 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

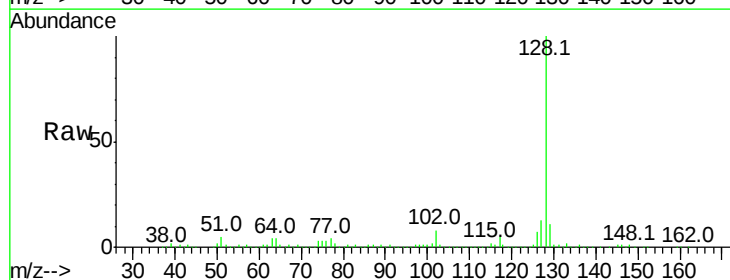
Tgt Ion:128 Resp: 907429

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

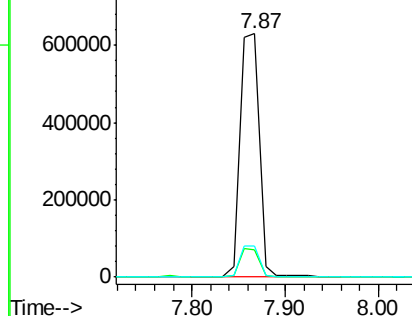
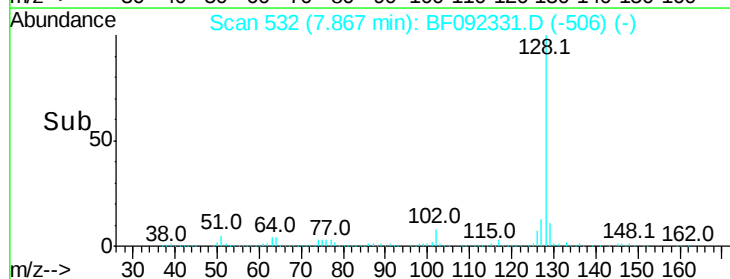
127 12.9 10.8 16.2

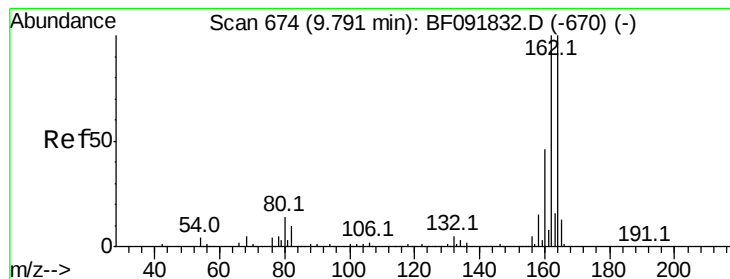


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

Instrument :

BNA_F

ClientSampleId :

W-09

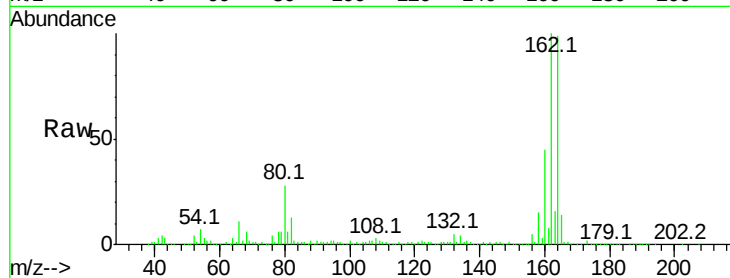
Tot Ion:164 Resp: 472449

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

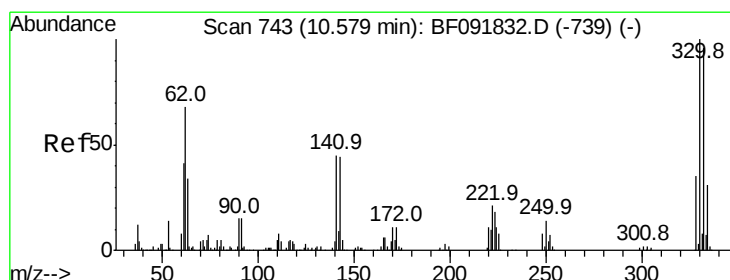
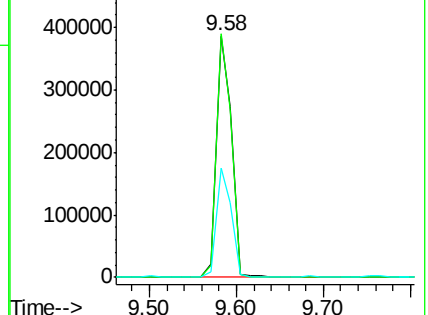
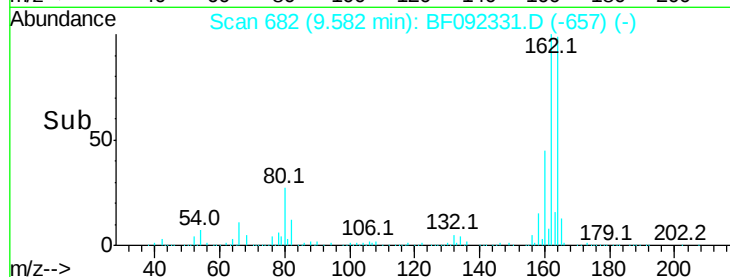
160 45.4 36.9 55.3



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: 131.47 ng

RT: 10.38 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

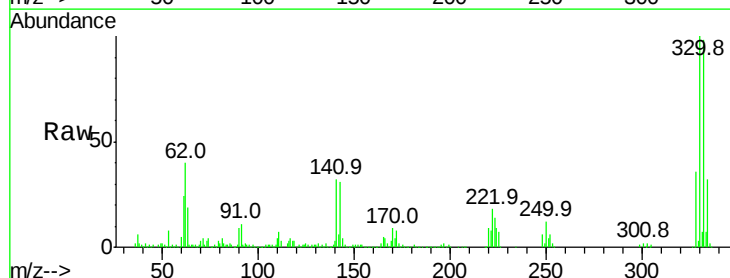
Tgt Ion:330 Resp: 514046

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

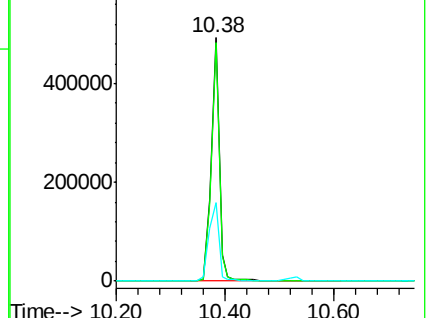
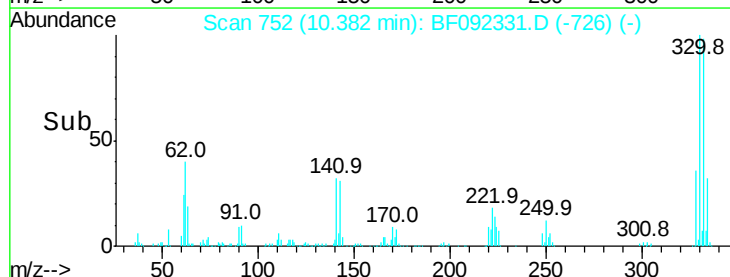
141 37.8 34.1 51.1

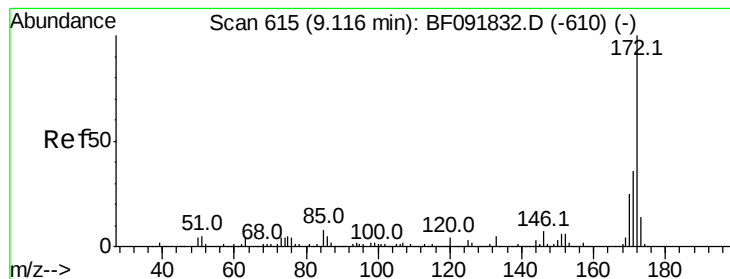


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 105.62 ng

RT: 8.92 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

Instrument :

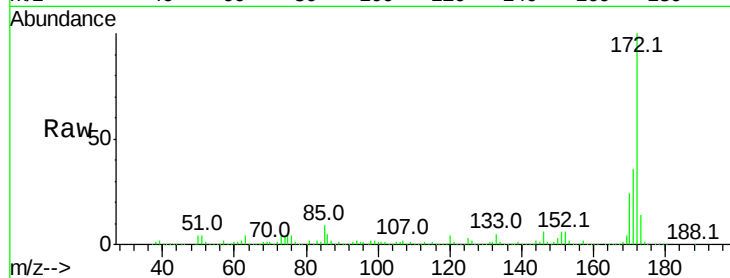
BNA_F

ClientSampled :

W-09

Tot Ion:172 Resp: 2363237

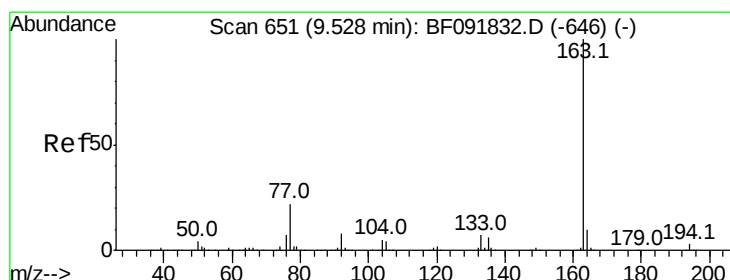
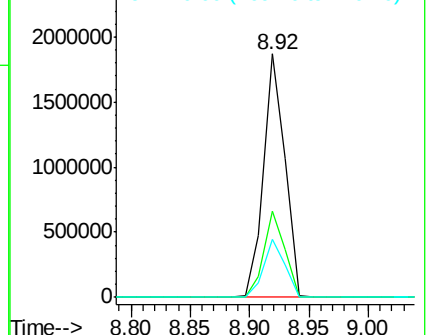
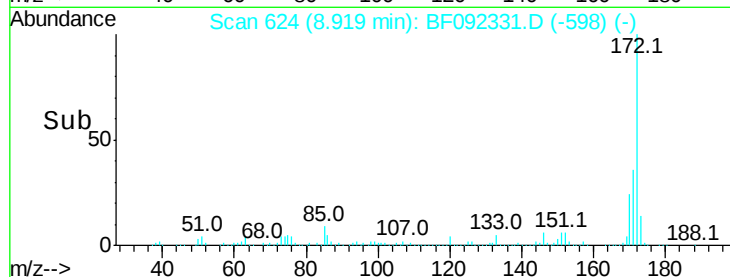
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.0	20.2	30.4



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: 2.59 ng

RT: 9.32 min Scan# 659

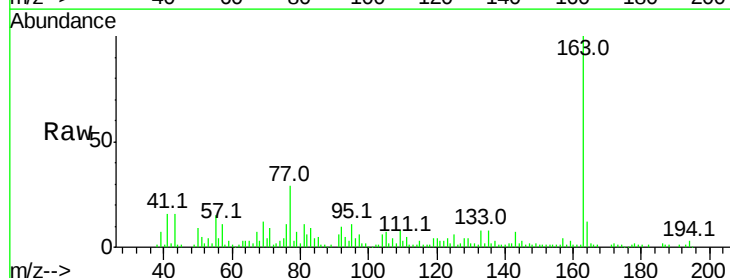
Delta R.T. -0.01 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

Tgt Ion:163 Resp: 78164

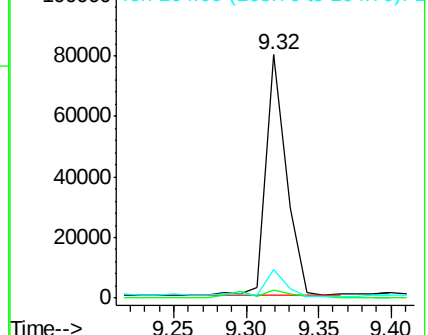
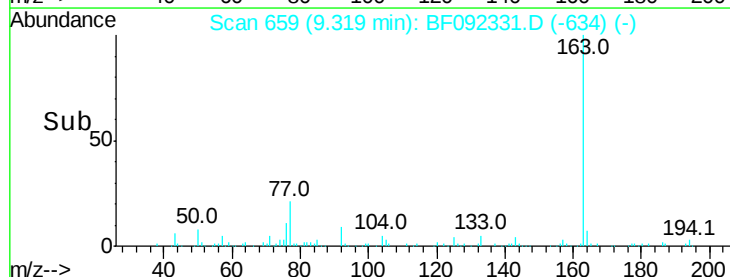
Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	11.7	8.0	12.0

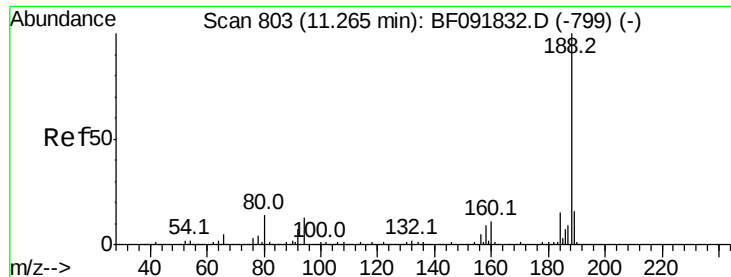


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.07 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

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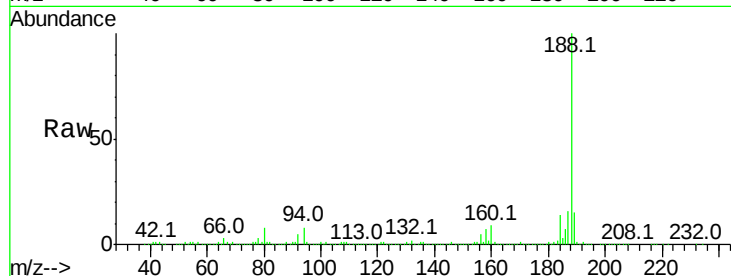
Tot Ion:188 Resp: 765686

Ion Ratio Lower Upper

188 100

94 8.3 10.0 15.0#

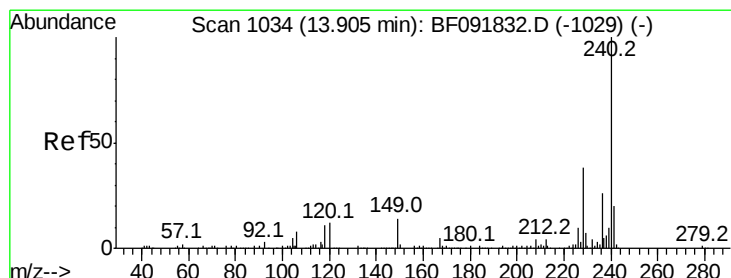
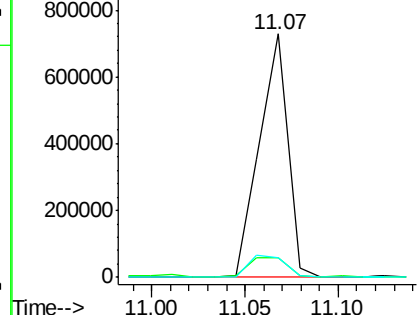
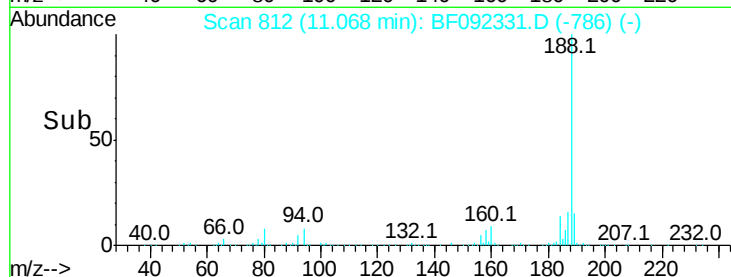
80 8.3 11.2 16.8#



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: 13.70 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

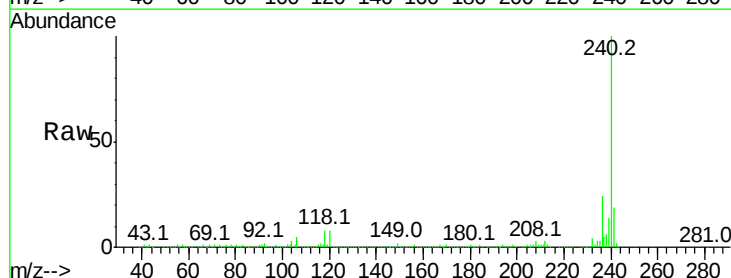
Tgt Ion:240 Resp: 548626

Ion Ratio Lower Upper

240 100

120 8.2 12.9 19.3#

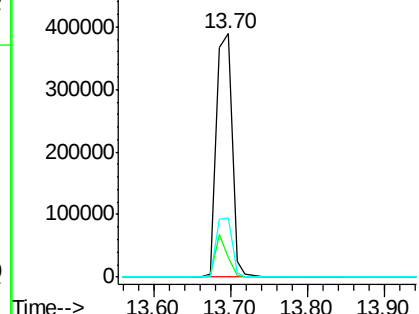
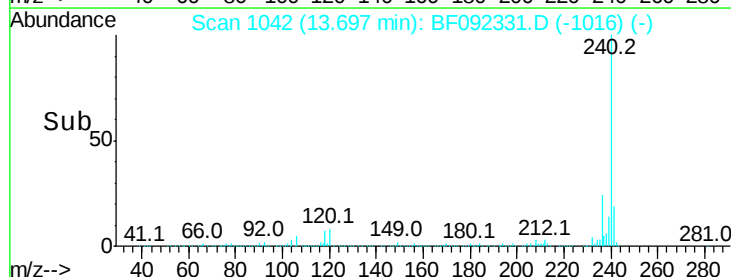
236 24.3 20.9 31.3

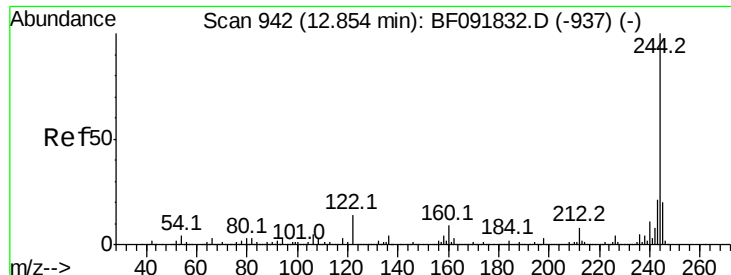


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.18 ng

RT: 12.66 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

Instrument :

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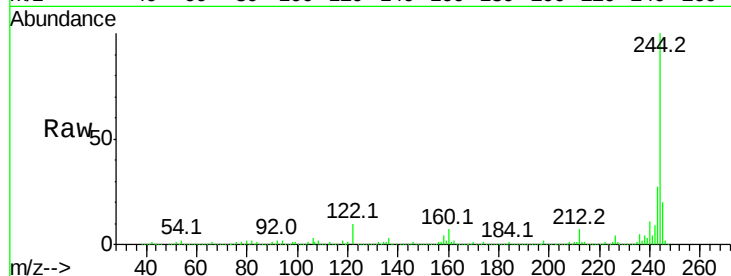
Tot Ion:244 Resp: 2107919

Ion Ratio Lower Upper

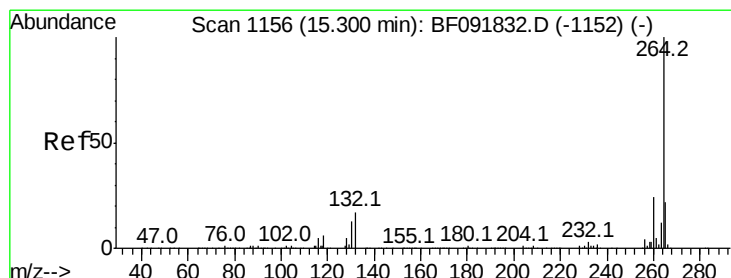
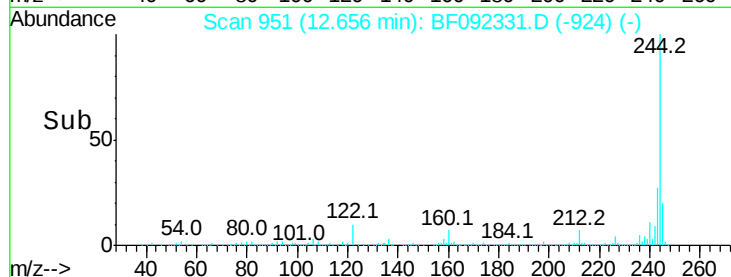
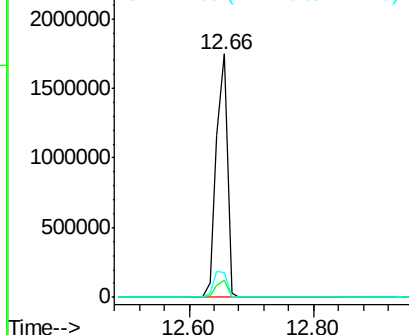
244 100

212 7.1 6.2 9.2

122 10.3 11.4 17.2#



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: 15.05 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF092331.D

Acq: 17 Jan 2017 22:24

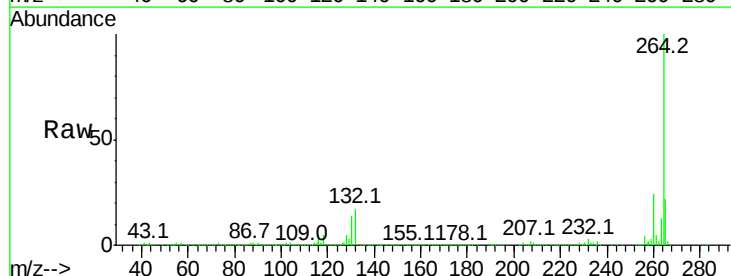
Tgt Ion:264 Resp: 427786

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.4 17.4 26.0



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

