

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093657.D
 Acq On : 14 Mar 2017 14:31
 Operator : SJ/MA
 Sample : I2224-01
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 030917-PRRT-F-U-M

Quant Time: Mar 15 05:10:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

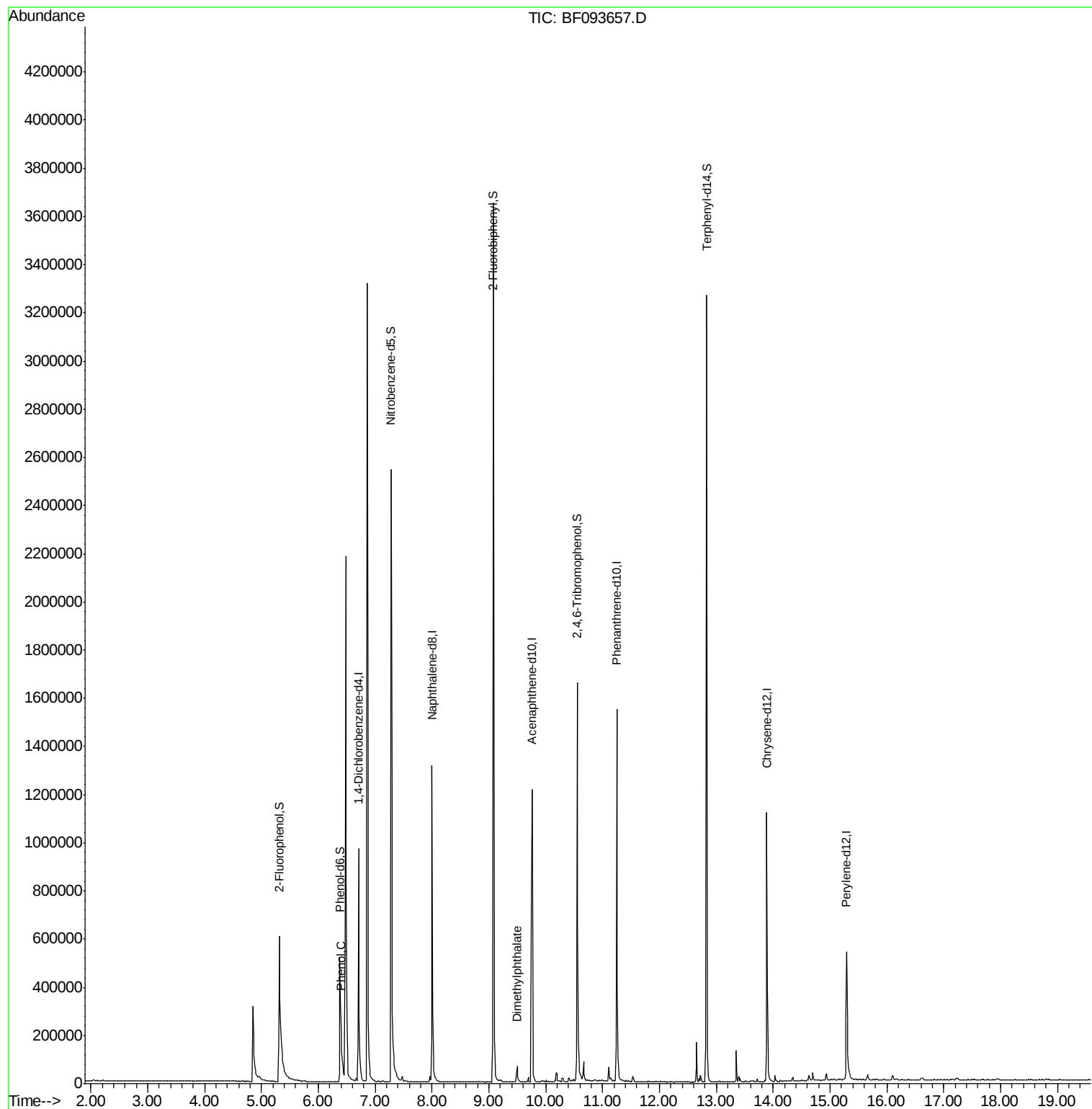
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	165895	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	659644	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	303725	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	610451	20.00	ng	0.00
75) Chrysene-d12	13.89	240	457624	20.00	ng	0.00
86) Perylene-d12	15.29	264	301725	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	381832	38.31	ng	0.00
7) Phenol-d6	6.38	99	317679	25.27	ng	0.00
23) Nitrobenzene-d5	7.28	82	1081424	90.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	191512	96.78	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1660622	101.70	ng	-0.01
78) Terphenyl-d14	12.84	244	1424321	80.92	ng	0.01
Target Compounds						
10) Phenol	6.40	94	54446	3.53	ng	84
49) Dimethylphthalate	9.50	163	42181	2.09	ng	99

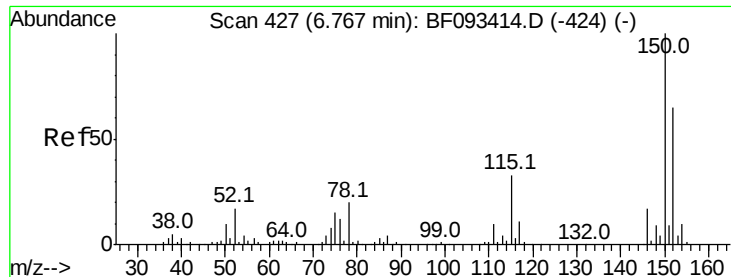
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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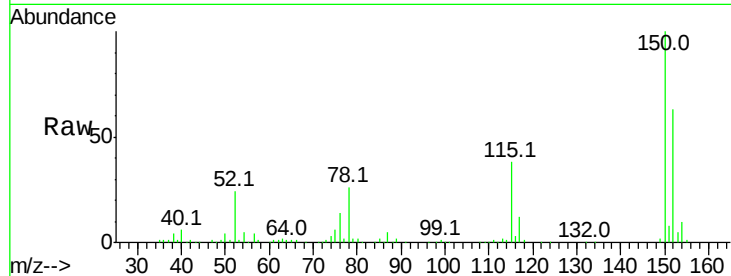


#1

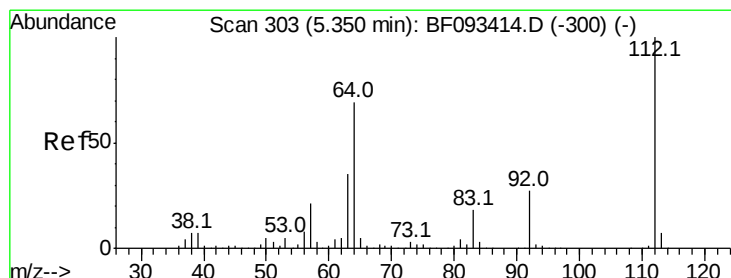
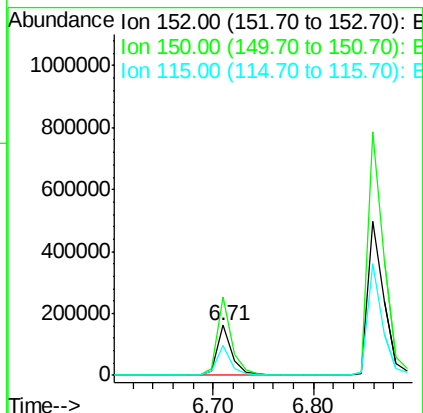
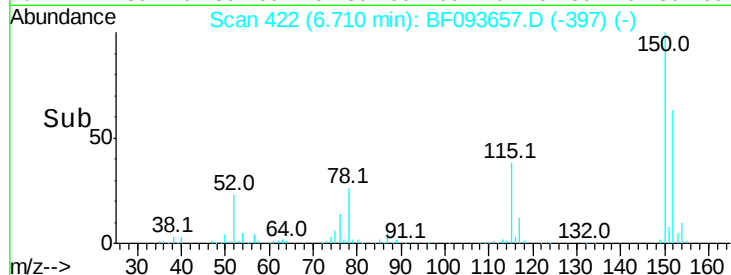
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF093657.D
 Acq: 14 Mar 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :
 030917-PRRT-F-U-M

Tot Ion:152 Resp: 165895
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.9 187.3
 115 59.6 46.0 69.0



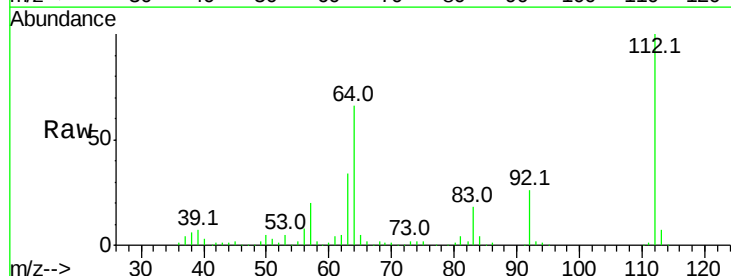
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



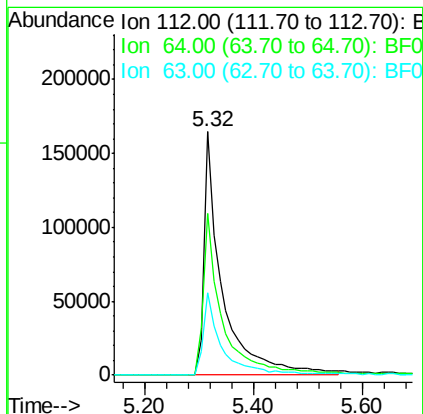
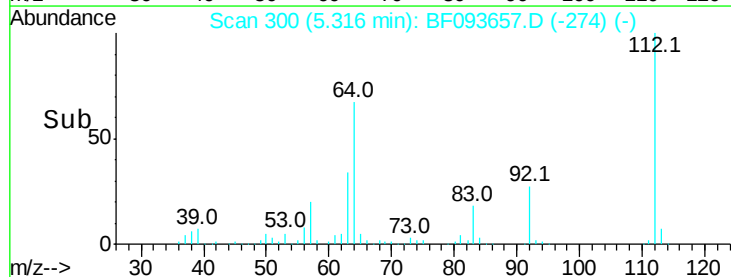
#5

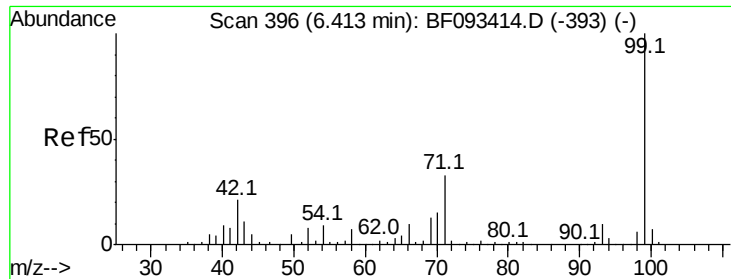
2-Fluorophenol
 Concen: 38.31 ng
 RT: 5.32 min Scan# 300
 Delta R.T. -0.00 min
 Lab File: BF093657.D
 Acq: 14 Mar 2017 14:31

Tgt Ion:112 Resp: 381832
 Ion Ratio Lower Upper
 112 100
 64 66.3 46.1 69.1
 63 33.8 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: 25.27 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093657.D

Acq: 14 Mar 2017 14:31

Instrument :

BNA_F

ClientSampleId :

030917-PRRT-F-U-M

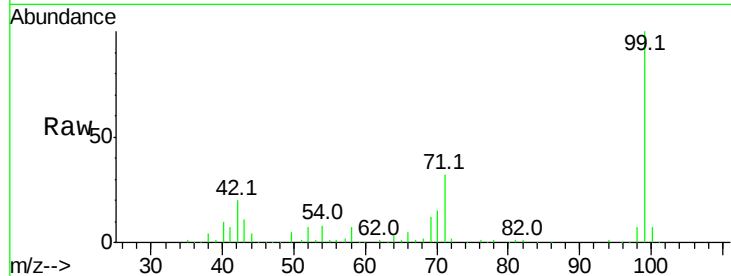
Tot Ion: 99 Resp: 317679

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

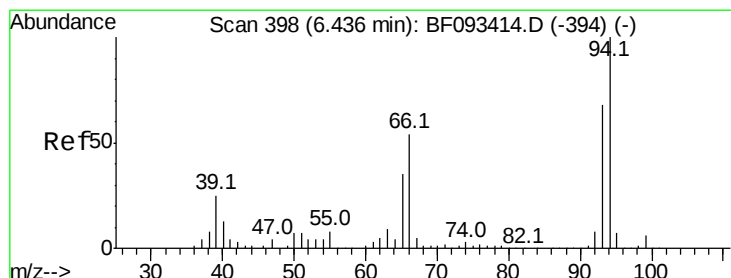
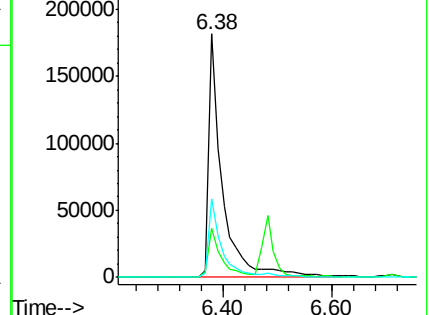
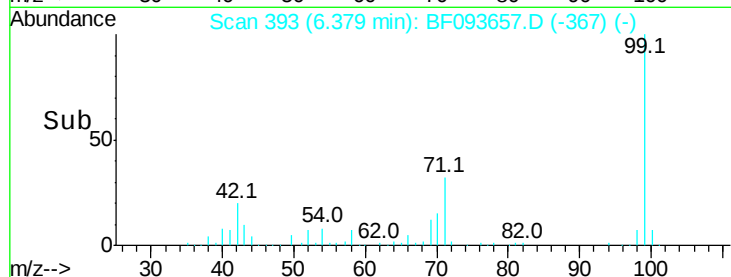
71 32.0 27.5 41.3



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: 3.53 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF093657.D

Acq: 14 Mar 2017 14:31

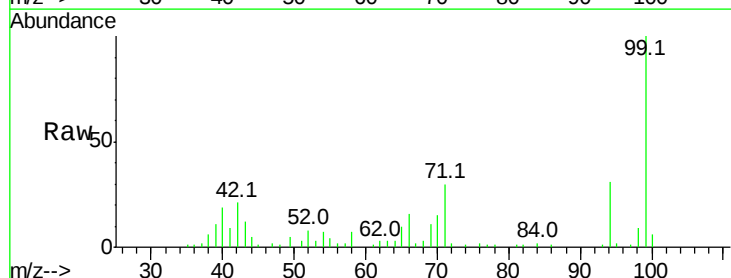
Tgt Ion: 94 Resp: 54446

Ion Ratio Lower Upper

94 100

65 31.0 21.4 61.4

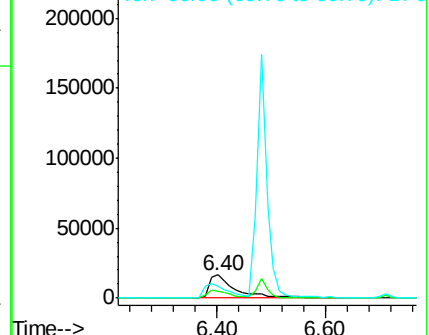
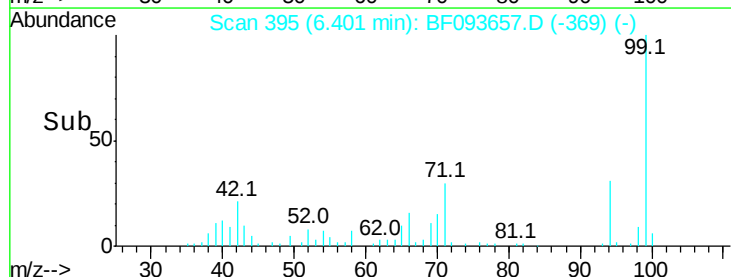
66 51.6 44.0 84.0

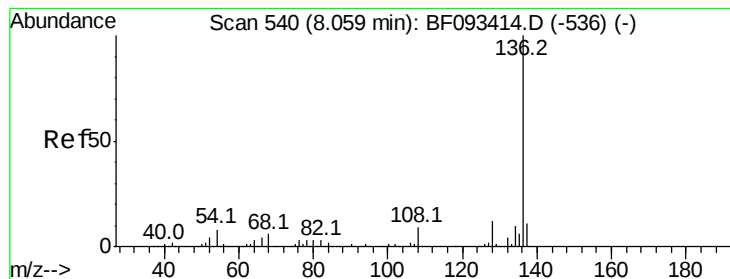


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093657.D

Acq: 14 Mar 2017 14:31

Instrument :

BNA_F

ClientSampleId :

030917-PRRT-F-U-M

Tot Ion:136 Resp: 659644

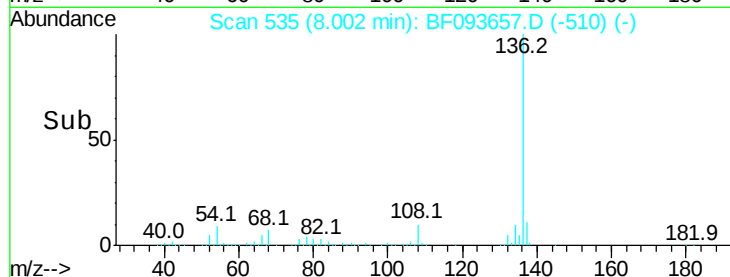
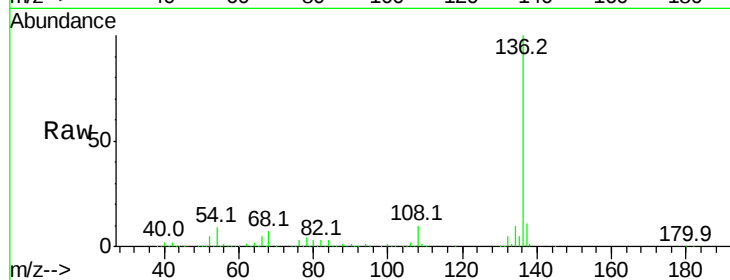
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 9.3 4.5 6.7#

68 6.6 3.6 5.4#



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

Time-->

8.00

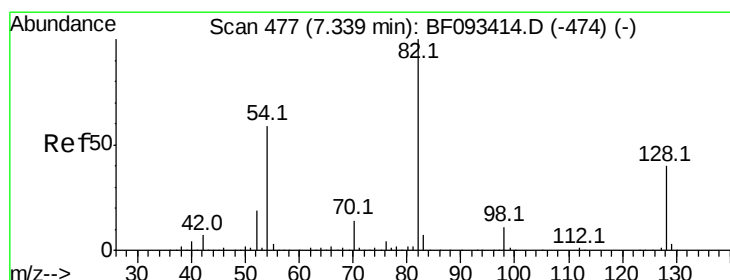
600000

400000

200000

0

8.00 8.20



#23

Nitrobenzene-d5

Concen: 90.96 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF093657.D

Acq: 14 Mar 2017 14:31

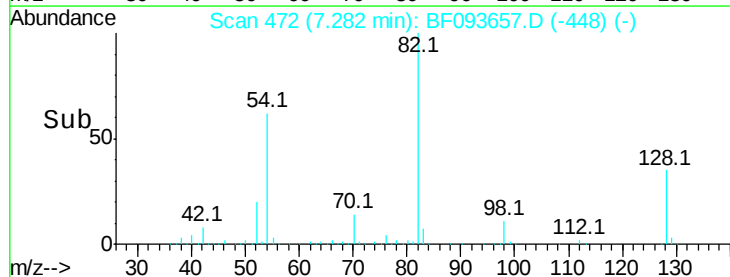
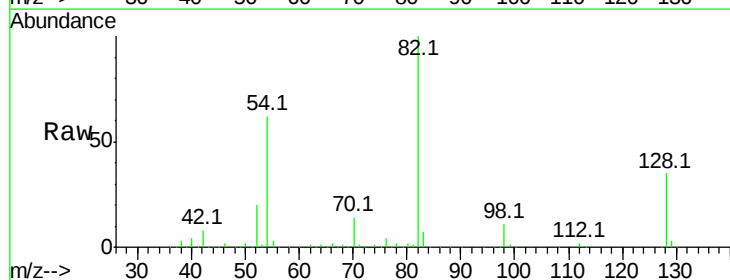
Tgt Ion: 82 Resp: 1081424

Ion Ratio Lower Upper

82 100

128 35.2 34.6 52.0

54 61.5 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

Time-->

7.28

1200000

1000000

800000

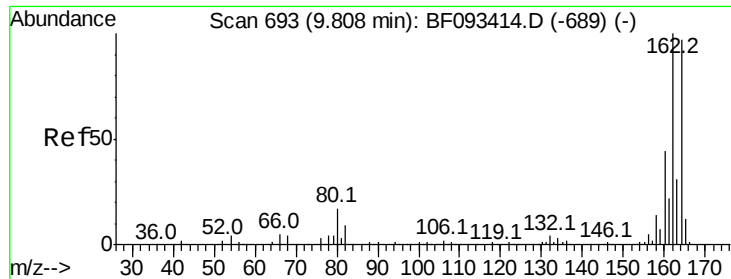
600000

400000

200000

0

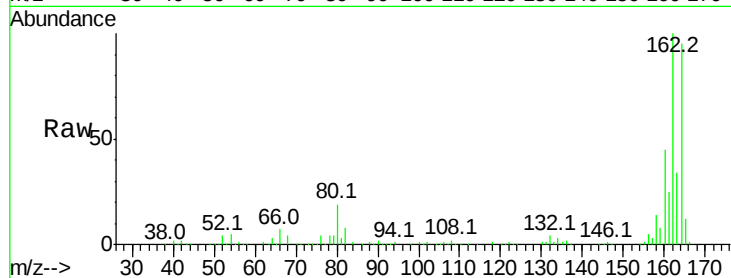
7.20 7.40 7.60



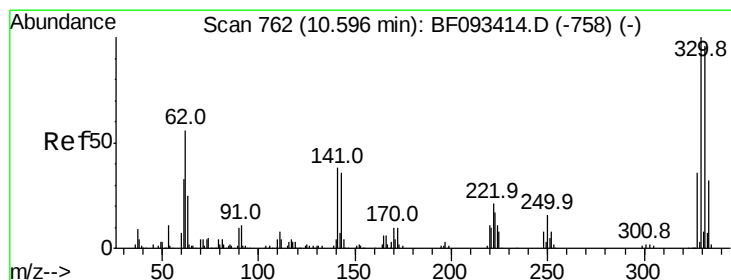
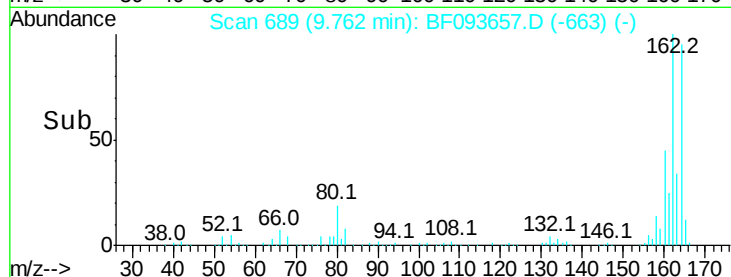
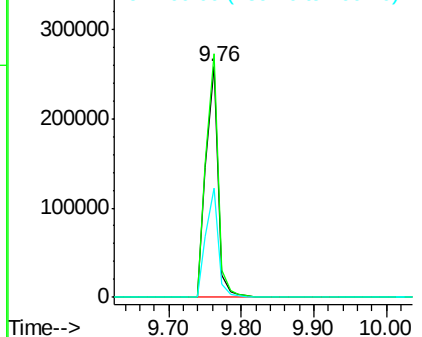
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093657.D
Acq: 14 Mar 2017 14:31

Instrument :
BNA_F
ClientSampleId :
030917-PRRT-F-U-M

Tot Ion:164 Resp: 303725
Ion Ratio Lower Upper
164 100
162 105.7 80.2 120.2
160 47.2 36.9 55.3

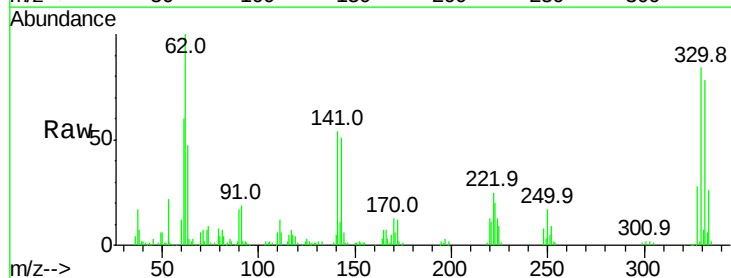


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

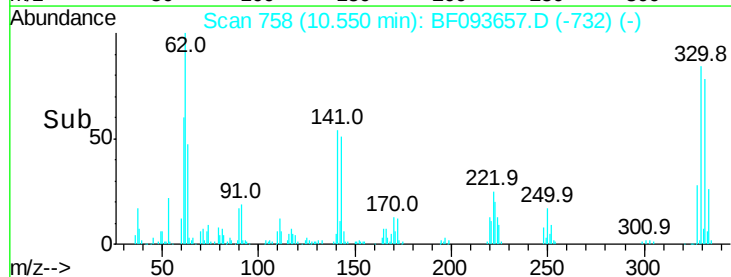
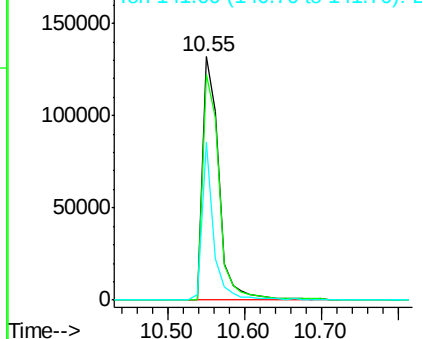


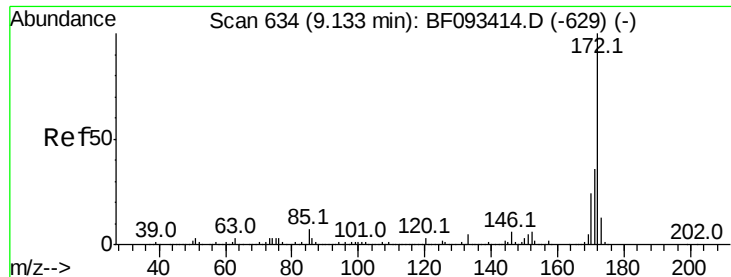
#41
2,4,6-Tribromophenol
Concen: 96.78 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF093657.D
Acq: 14 Mar 2017 14:31

Tgt Ion:330 Resp: 191512
Ion Ratio Lower Upper
330 100
332 95.1 77.4 116.2
141 46.3 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: 101.70 ng

RT: 9.08 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF093657.D

Acq: 14 Mar 2017 14:31

Instrument :

BNA_F

ClientSampleId :

030917-PRRT-F-U-M

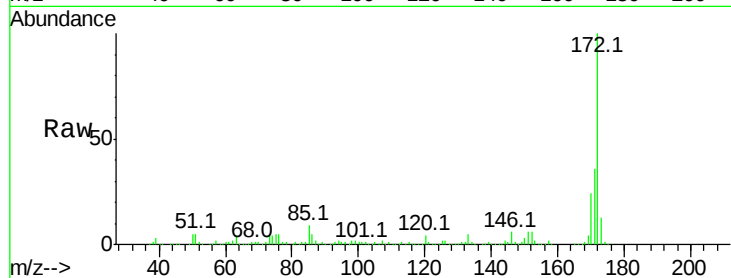
Tot Ion:172 Resp: 1660622

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

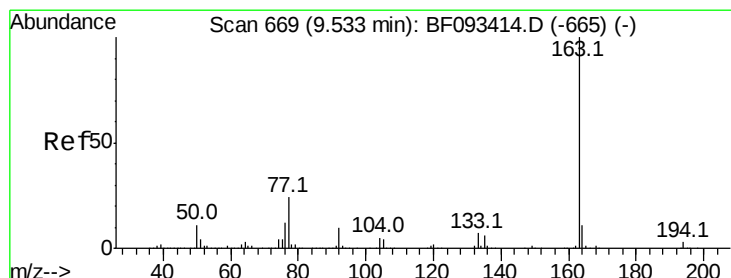
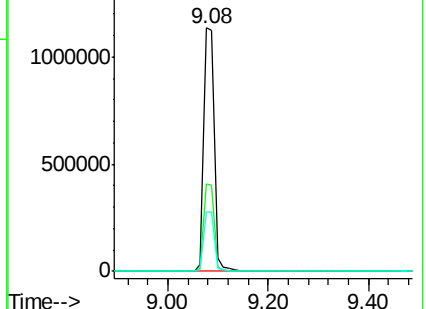
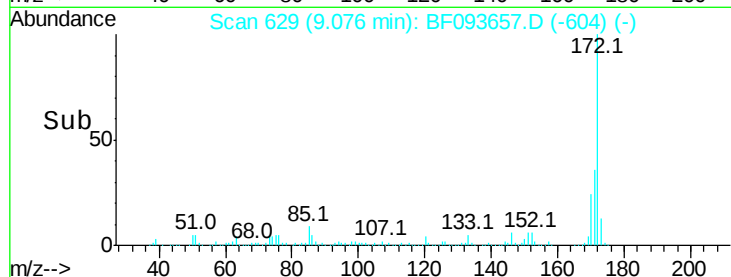
170 24.5 20.2 30.4



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: 2.09 ng

RT: 9.50 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF093657.D

Acq: 14 Mar 2017 14:31

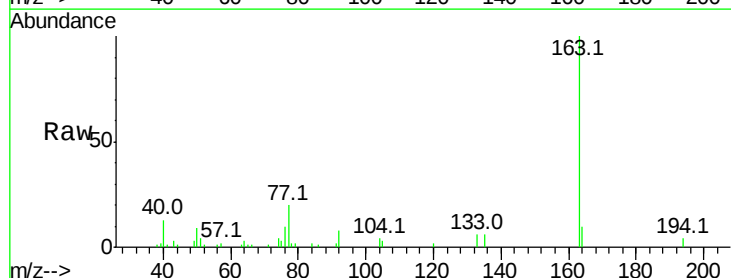
Tgt Ion:163 Resp: 42181

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

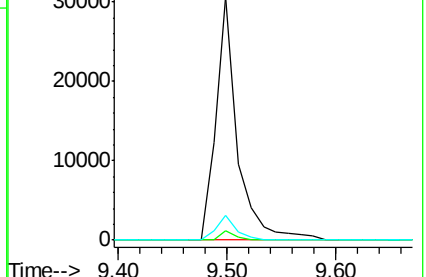
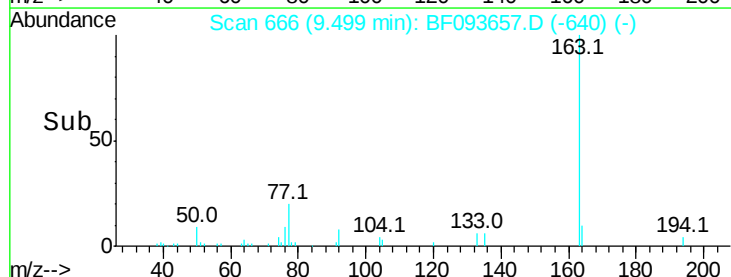
164 10.3 8.0 12.0

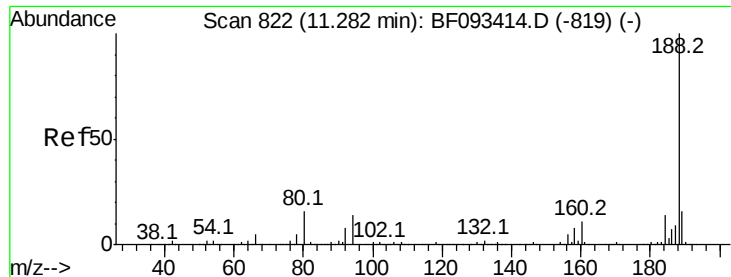


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

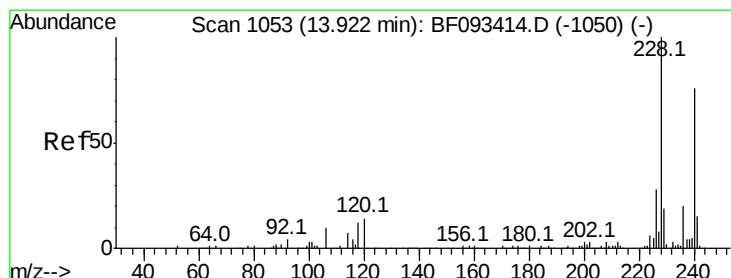
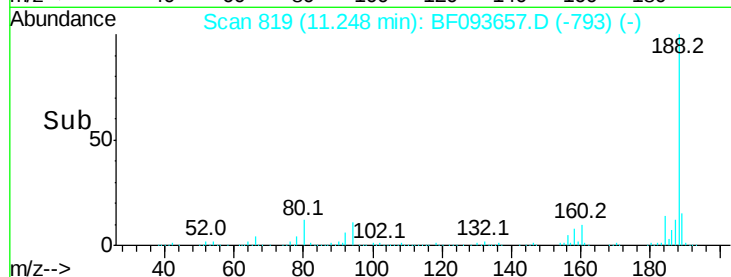
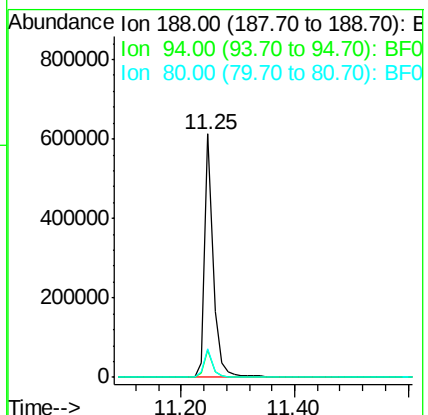
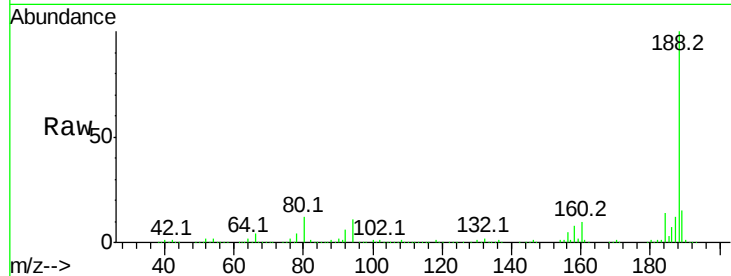




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093657.D
Acq: 14 Mar 2017 14:31

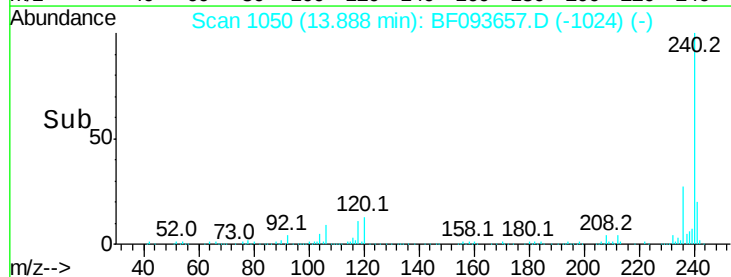
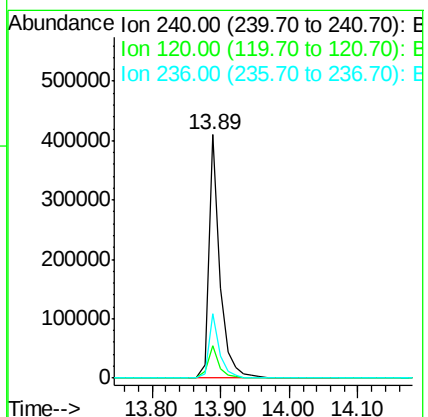
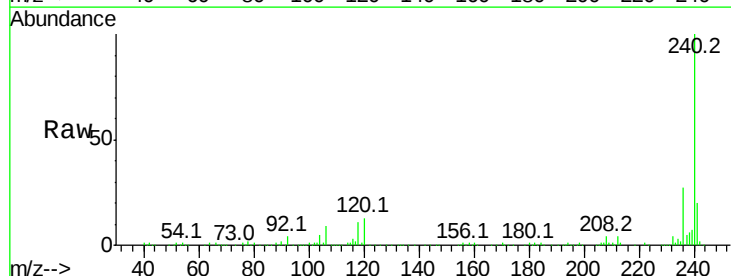
Instrument :
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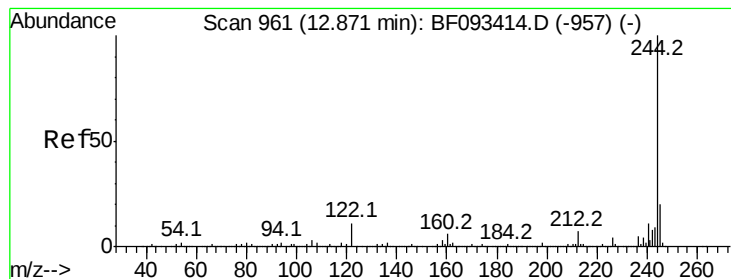
Tot Ion:188 Resp: 610451
Ion Ratio Lower Upper
188 100
94 11.3 10.0 15.0
80 11.5 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF093657.D
Acq: 14 Mar 2017 14:31

Tgt Ion:240 Resp: 457624
Ion Ratio Lower Upper
240 100
120 13.4 12.9 19.3
236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 80.92 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093657.D

Acq: 14 Mar 2017 14:31

Instrument :

BNA_F

ClientSampleId :

030917-PRRT-F-U-M

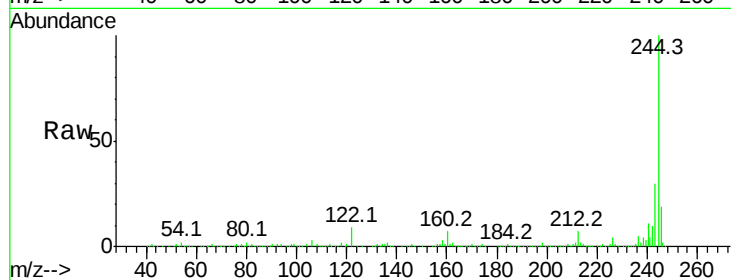
Tot Ion:244 Resp: 1424321

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

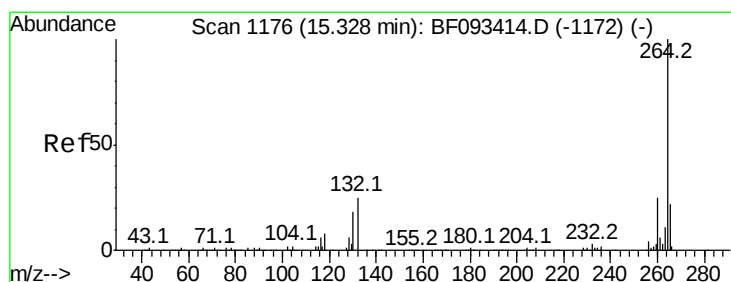
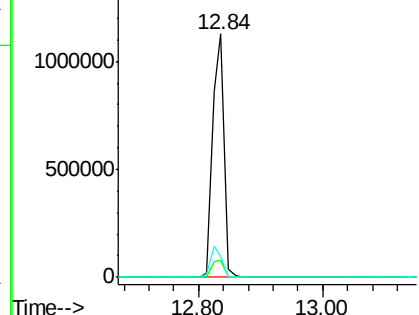
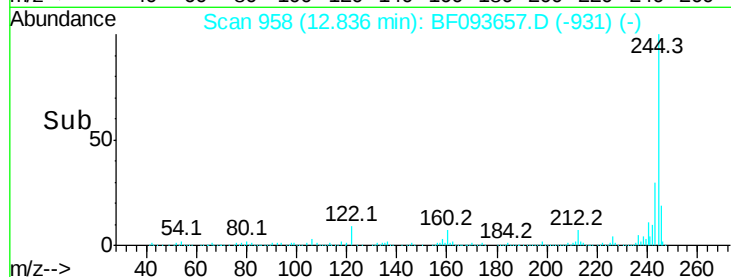
122 8.7 11.4 17.2#



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: 15.29 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF093657.D

Acq: 14 Mar 2017 14:31

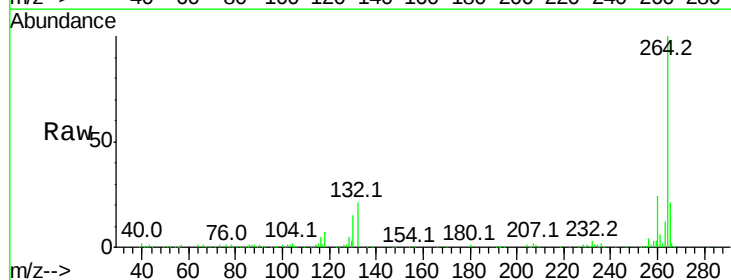
Tgt Ion:264 Resp: 301725

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.2 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

