

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097385.D
 Acq On : 5 Aug 2017 5:29
 Operator : SJ/JU
 Sample : I4588-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-N9-ESW

Quant Time: Aug 06 01:23:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

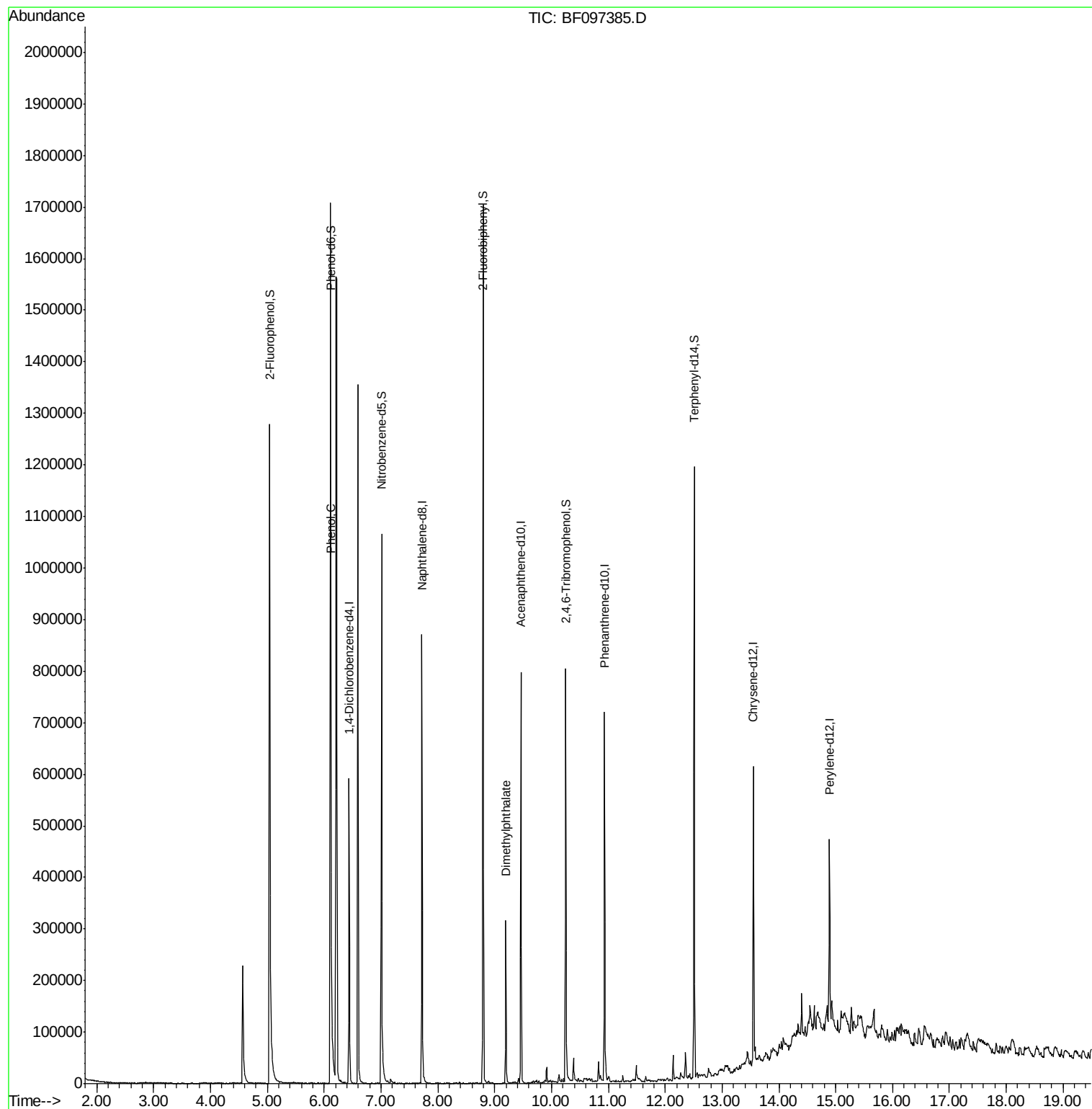
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	96452	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	402997	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	161718	20.00	ng	-0.08
63) Phenanthrene-d10	10.93	188	240767	20.00	ng	-0.07
75) Chrysene-d12	13.55	240	182972	20.00	ng	-0.08
86) Perylene-d12	14.89	264	148420	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	474167	74.11	ng	-0.06
7) Phenol-d6	6.11	99	609411	83.43	ng	-0.06
23) Nitrobenzene-d5	7.01	82	334991	48.76	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	91085	71.29	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	541551	56.83	ng	-0.07
78) Terphenyl-d14	12.51	244	344978	38.44	ng	-0.08
Target Compounds						
10) Phenol	6.12	94	24231	2.797	ng	Qvalue # 75
49) Dimethylphthalate	9.20	163	130519	10.628	ng	99

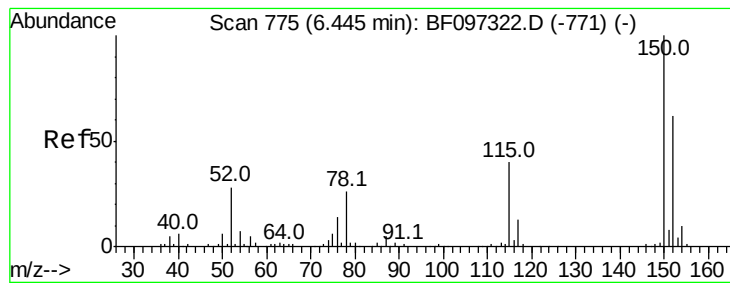
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097385.D
Acq On : 5 Aug 2017 5:29
Operator : SJ/JU
Sample : I4588-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N9-ESW

Quant Time: Aug 06 01:23:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration



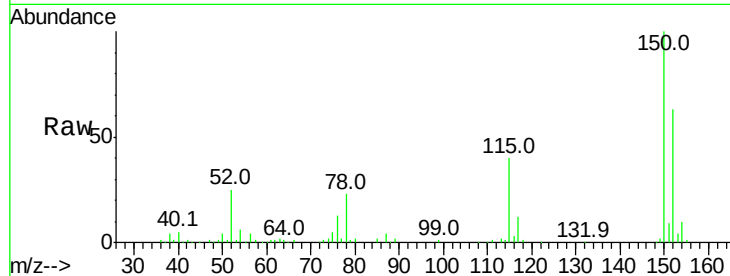


#1

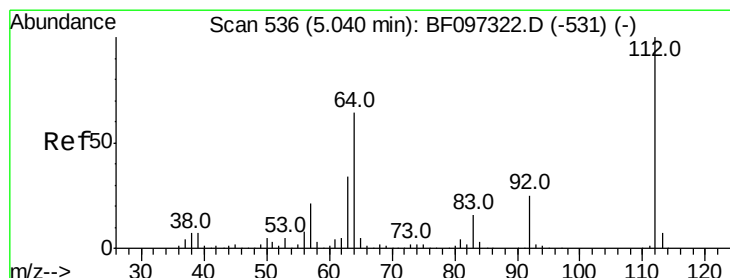
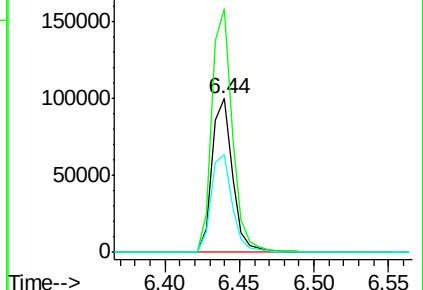
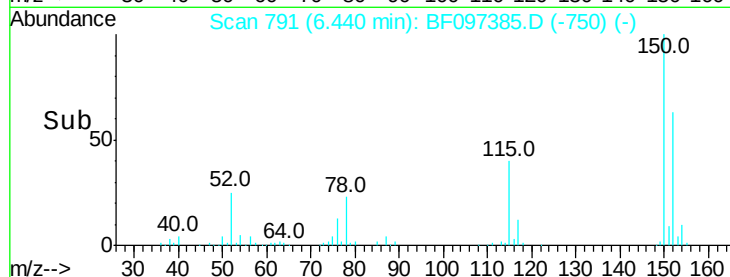
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.44 min Scan# 791
 Delta R.T. -0.06 min
 Lab File: BF097385.D
 Acq: 5 Aug 2017 5:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-N9-ESW

Tot Ion:152 Resp: 96452
 Ion Ratio Lower Upper
 152 100
 150 158.6 126.2 189.2
 115 63.5 52.2 78.2



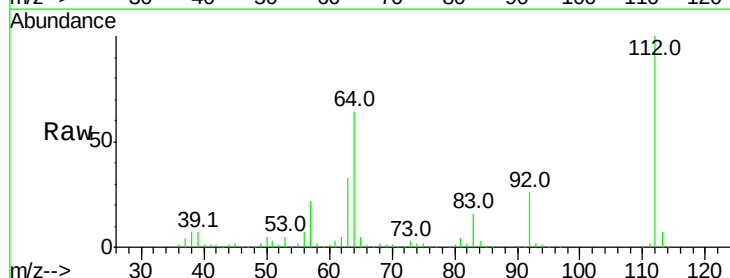
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



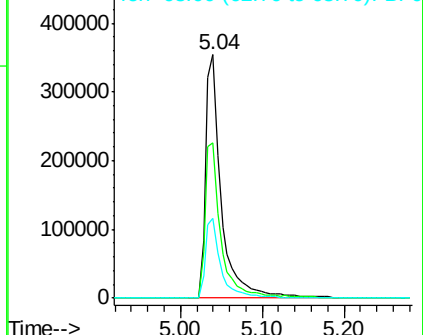
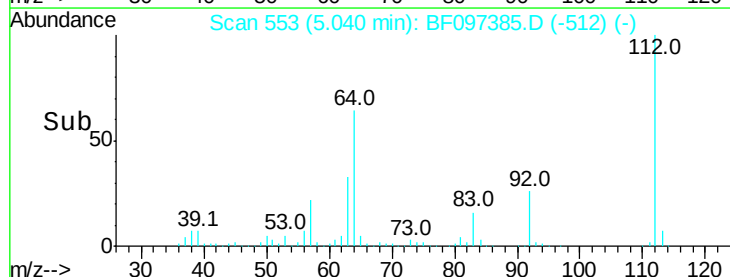
#5

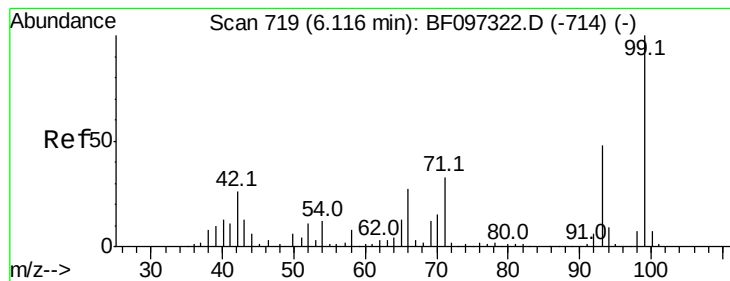
2-Fluorophenol
 Concen: 74.110 ng
 RT: 5.04 min Scan# 553
 Delta R.T. -0.06 min
 Lab File: BF097385.D
 Acq: 5 Aug 2017 5:29

Tgt Ion:112 Resp: 474167
 Ion Ratio Lower Upper
 112 100
 64 63.8 46.0 69.0
 63 32.8 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: 83.432 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.06 min

Lab File: BF097385.D

Acq: 5 Aug 2017 5:29

Instrument :

BNA_F

ClientSampleId :

E2-N9-ESW

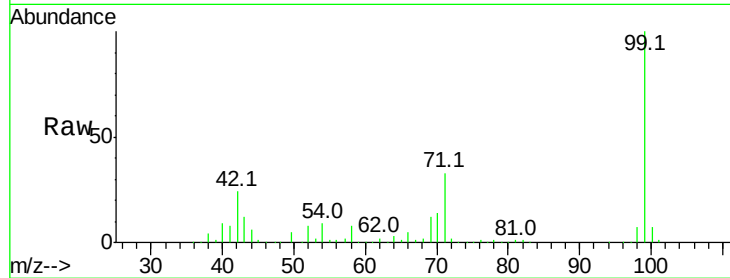
Tot Ion: 99 Resp: 609411

Ion Ratio Lower Upper

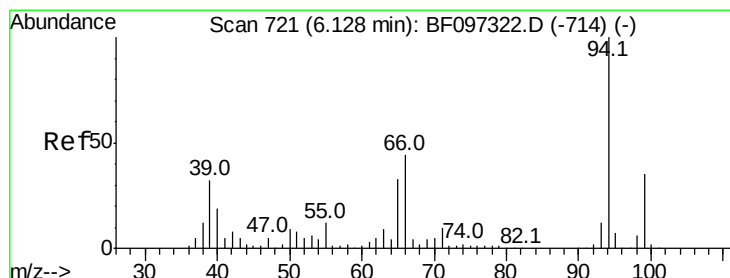
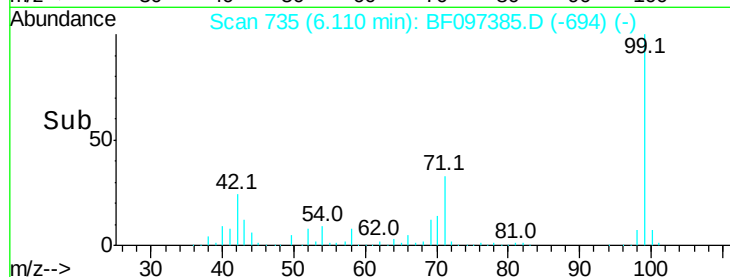
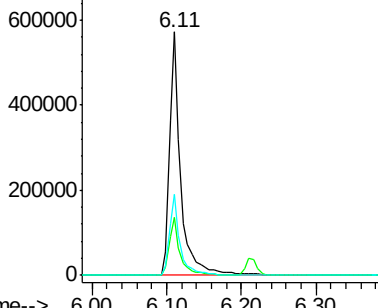
99 100

42 23.7 13.5 20.3#

71 33.1 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: 2.797 ng

RT: 6.12 min Scan# 737

Delta R.T. -0.06 min

Lab File: BF097385.D

Acq: 5 Aug 2017 5:29

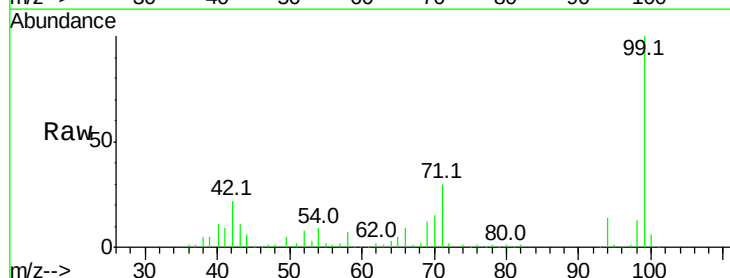
Tgt Ion: 94 Resp: 24231

Ion Ratio Lower Upper

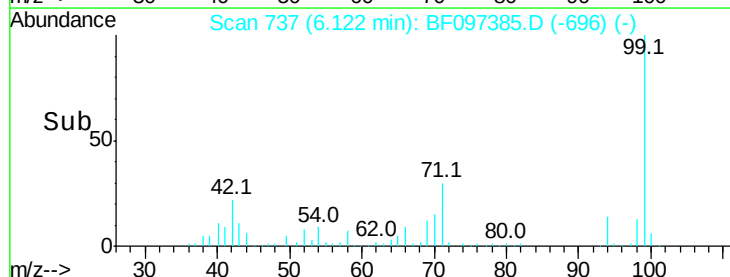
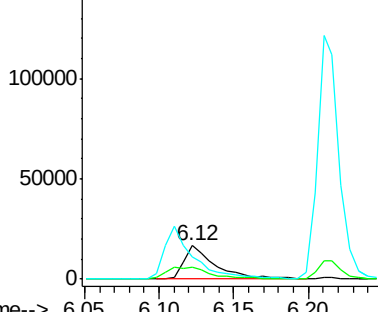
94 100

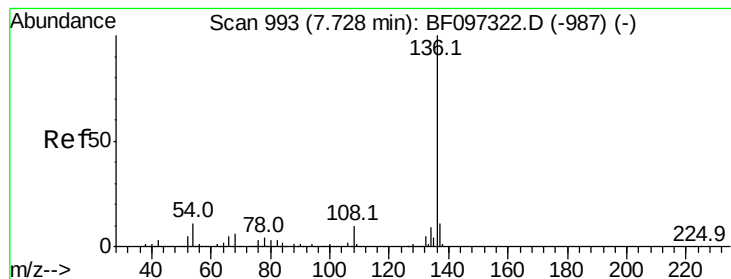
65 34.8 9.9 49.9

66 65.9 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: 7.72 min Scan# 1009

Delta R.T. -0.06 min

Lab File: BF097385.D

Acq: 5 Aug 2017 5:29

Instrument :

BNA_F

ClientSampleId :

E2-N9-ESW

Tot Ion:136 Resp: 402997

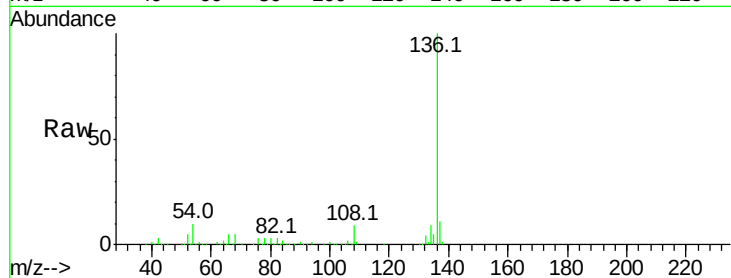
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.0 4.9 7.3#

68 5.0 4.1 6.1

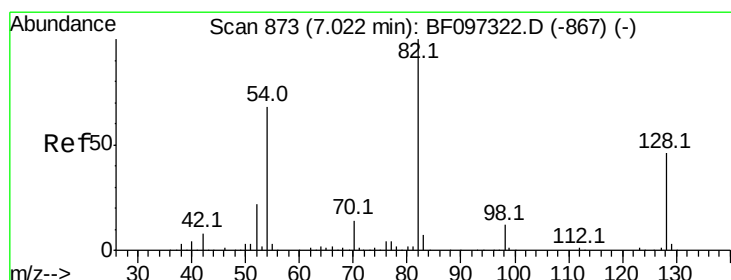
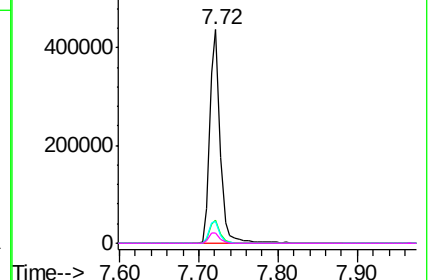
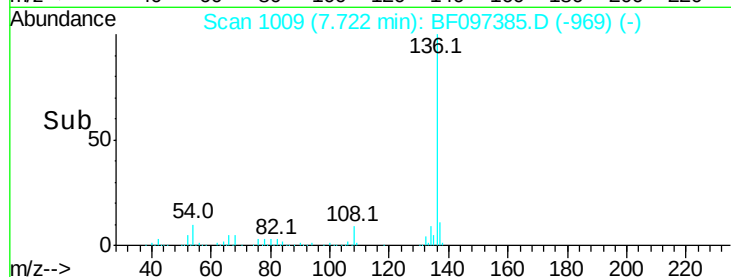


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.764 ng

RT: 7.01 min Scan# 888

Delta R.T. -0.06 min

Lab File: BF097385.D

Acq: 5 Aug 2017 5:29

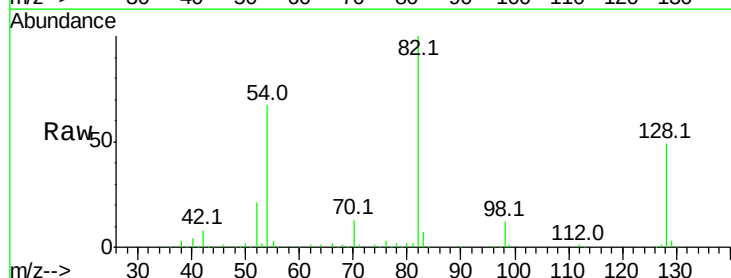
Tgt Ion: 82 Resp: 334991

Ion Ratio Lower Upper

82 100

128 49.3 34.0 51.0

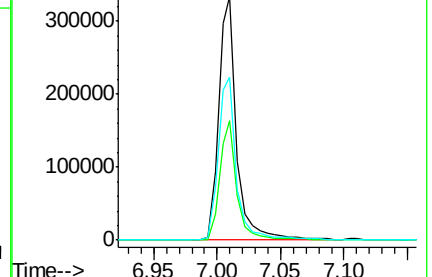
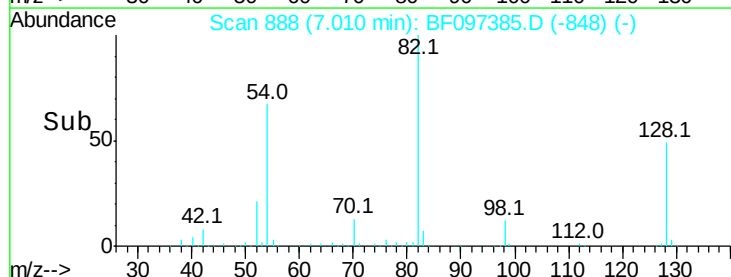
54 67.2 42.2 63.2#

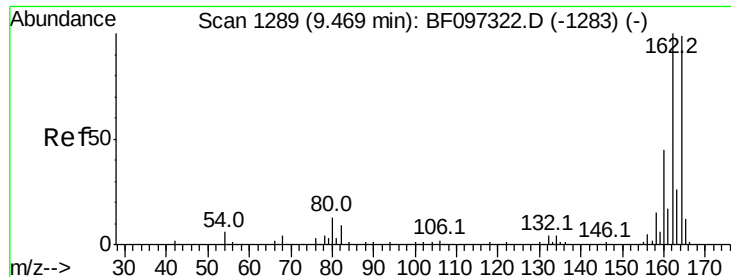


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

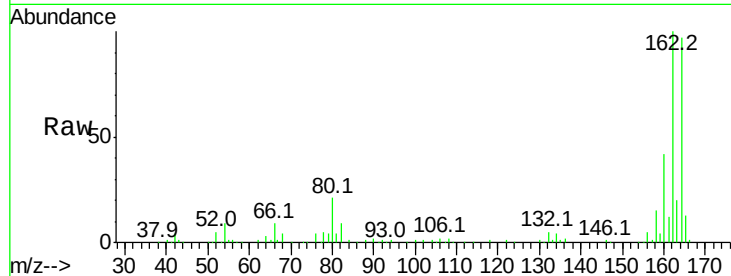




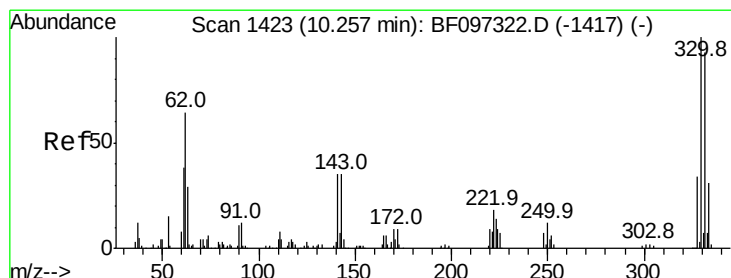
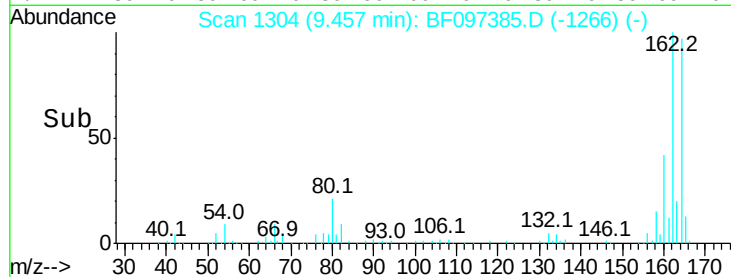
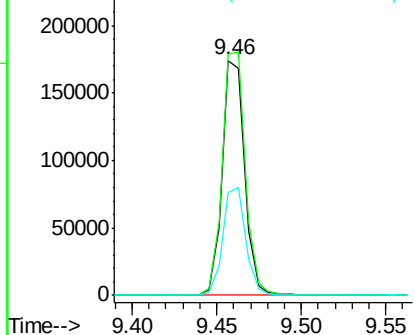
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.46 min Scan# 1304
 Delta R.T. -0.08 min
 Lab File: BF097385.D
 Acq: 5 Aug 2017 5:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-N9-ESW

Tot Ion:164 Resp: 161718
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 43.6 36.2 54.2

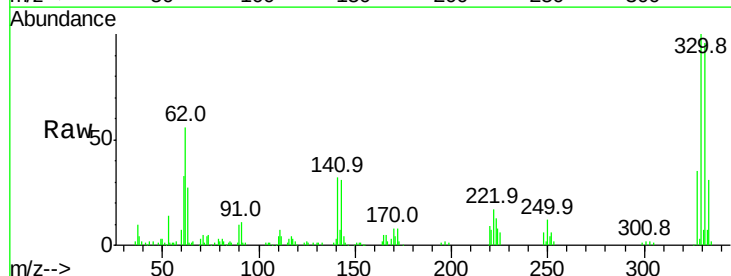


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

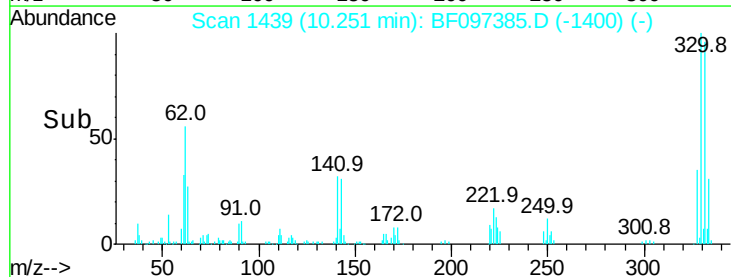
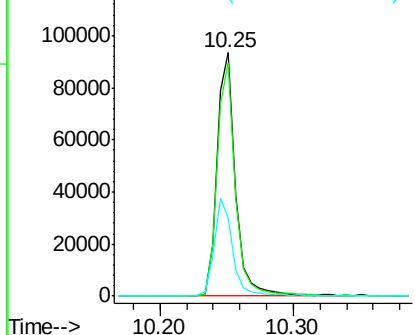


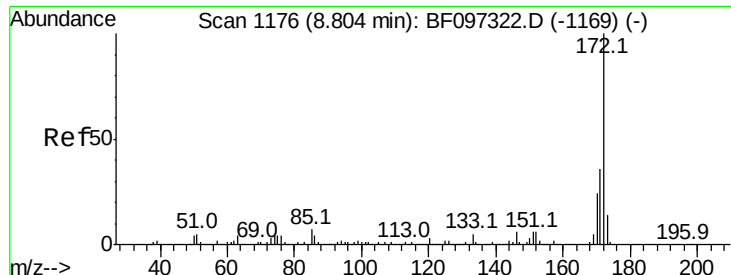
#41
 2,4,6-Tribromophenol
 Concen: 71.287 ng
 RT: 10.25 min Scan# 1439
 Delta R.T. -0.07 min
 Lab File: BF097385.D
 Acq: 5 Aug 2017 5:29

Tgt Ion:330 Resp: 91085
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 40.3 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

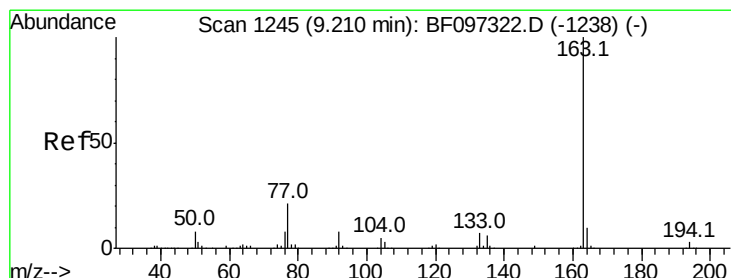
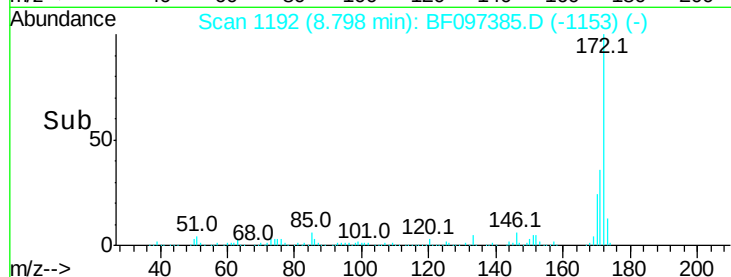
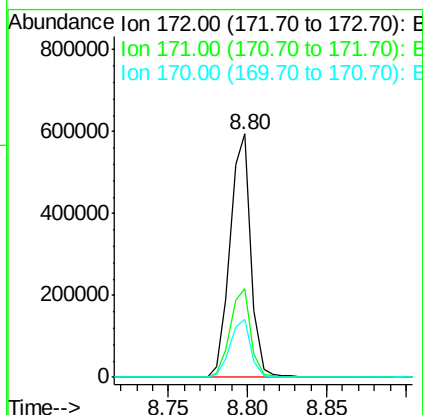
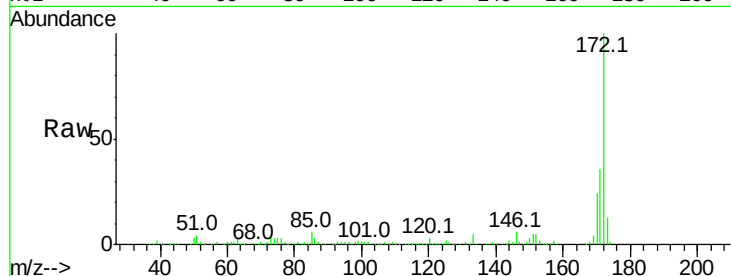




#44
2-Fluorobiphenyl
Concen: 56.831 ng
RT: 8.80 min Scan# 1192
Delta R.T. -0.07 min
Lab File: BF097385.D
Acq: 5 Aug 2017 5:29

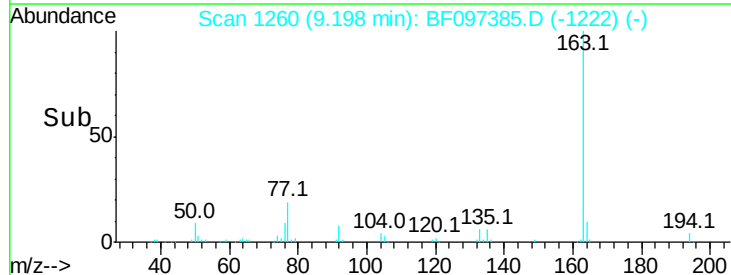
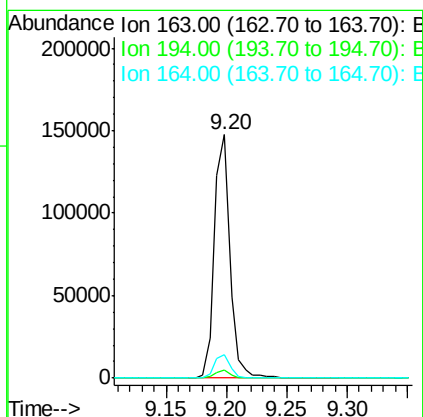
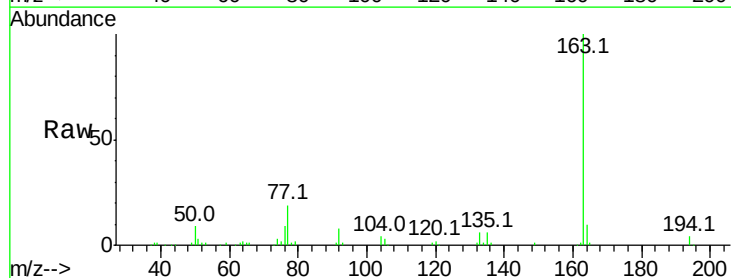
Instrument :
BNA_F
ClientSampleId :
E2-N9-ESW

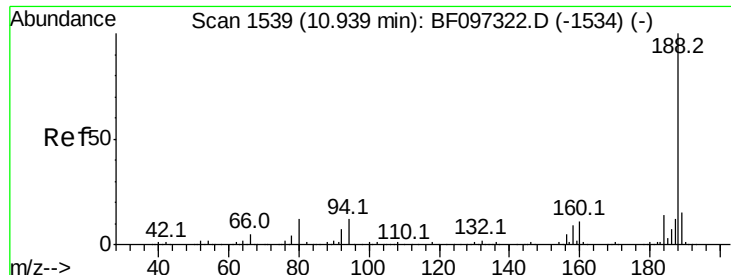
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.1	19.8	29.8



#49
Dimethylphthalate
Concen: 10.628 ng
RT: 9.20 min Scan# 1260
Delta R.T. -0.08 min
Lab File: BF097385.D
Acq: 5 Aug 2017 5:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.9	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.93 min Scan# 1555

Delta R.T. -0.07 min

Lab File: BF097385.D

Acq: 5 Aug 2017 5:29

Instrument :

BNA_F

ClientSampleId :

E2-N9-ESW

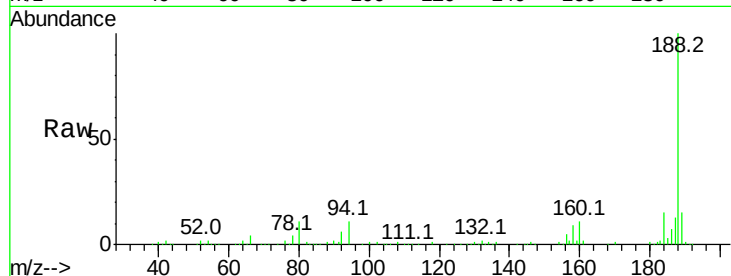
Tot Ion:188 Resp: 240767

Ion Ratio Lower Upper

188 100

94 11.0 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

300000

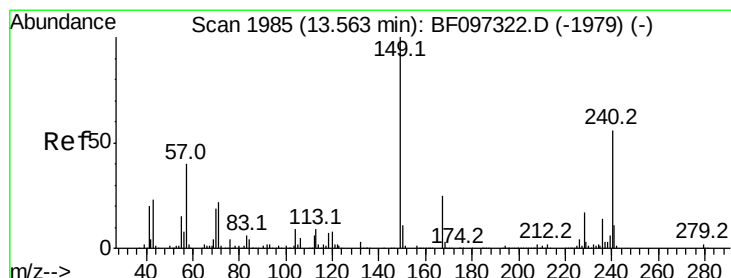
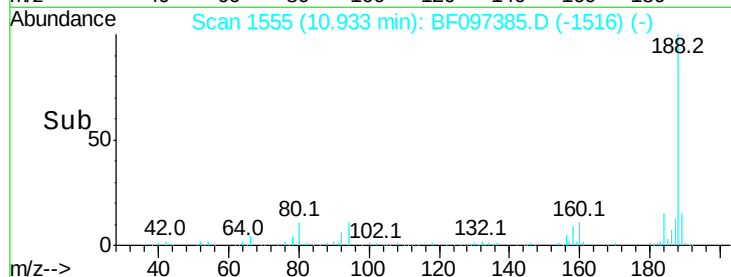
200000

100000

0

10.93

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.55 min Scan# 2000

Delta R.T. -0.08 min

Lab File: BF097385.D

Acq: 5 Aug 2017 5:29

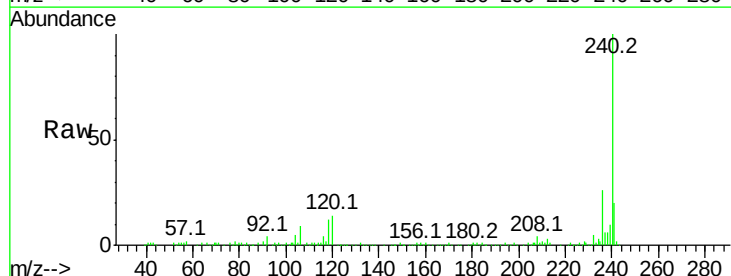
Tgt Ion:240 Resp: 182972

Ion Ratio Lower Upper

240 100

120 13.9 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

250000

200000

150000

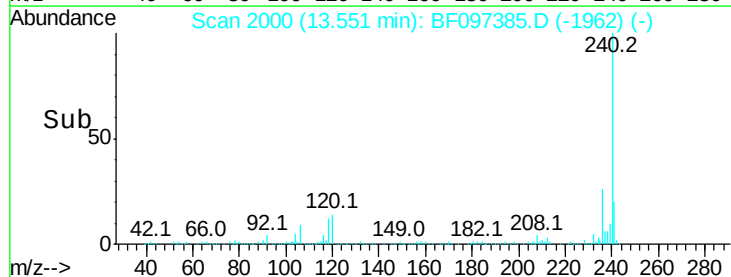
100000

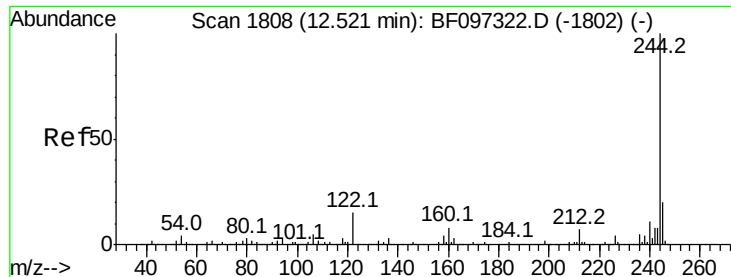
50000

0

13.55

Time-->





#78

Terphenyl-d14

Concen: 38.441 ng

RT: 12.51 min Scan# 1823

Delta R.T. -0.08 min

Lab File: BF097385.D

Acq: 5 Aug 2017 5:29

Instrument :

BNA_F

ClientSampleId :

E2-N9-ESW

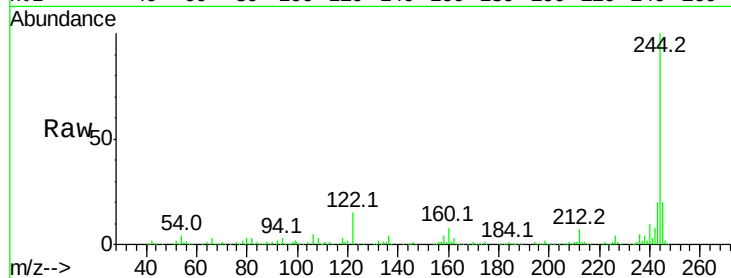
Tot Ion:244 Resp: 344978

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

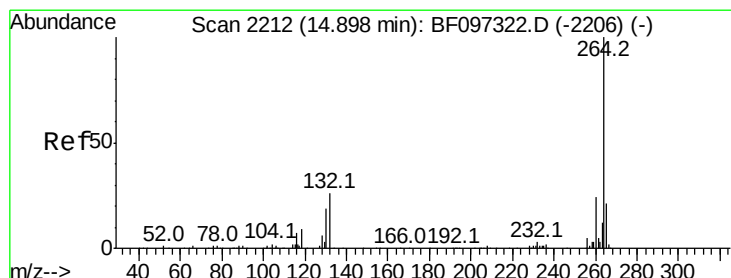
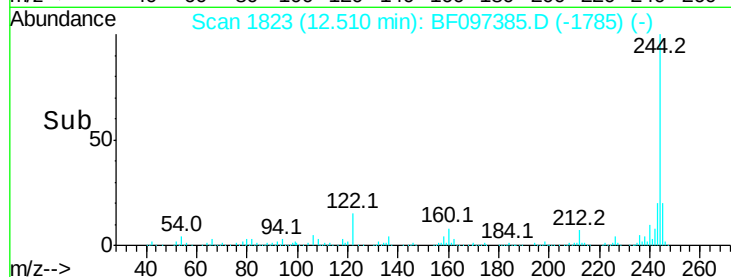
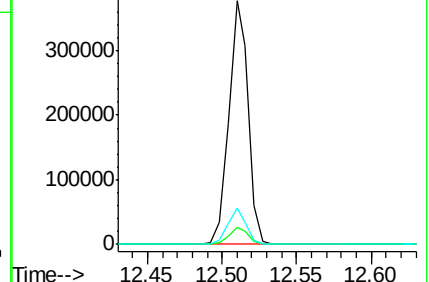
122 14.9 10.3 15.5



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: 14.89 min Scan# 2228

Delta R.T. -0.08 min

Lab File: BF097385.D

Acq: 5 Aug 2017 5:29

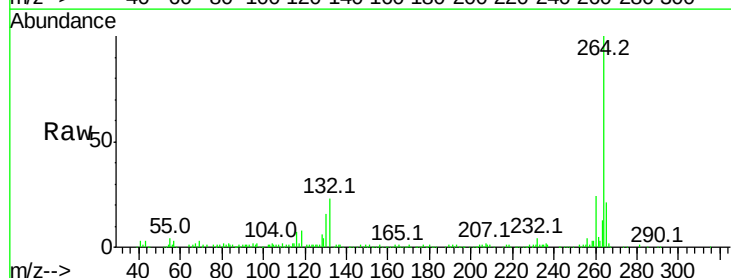
Tgt Ion:264 Resp: 148420

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.2 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

