

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097556.D
 Acq On : 10 Aug 2017 12:05
 Operator : SJ/JU
 Sample : I4623-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-S2COMP

Quant Time: Aug 10 14:42:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

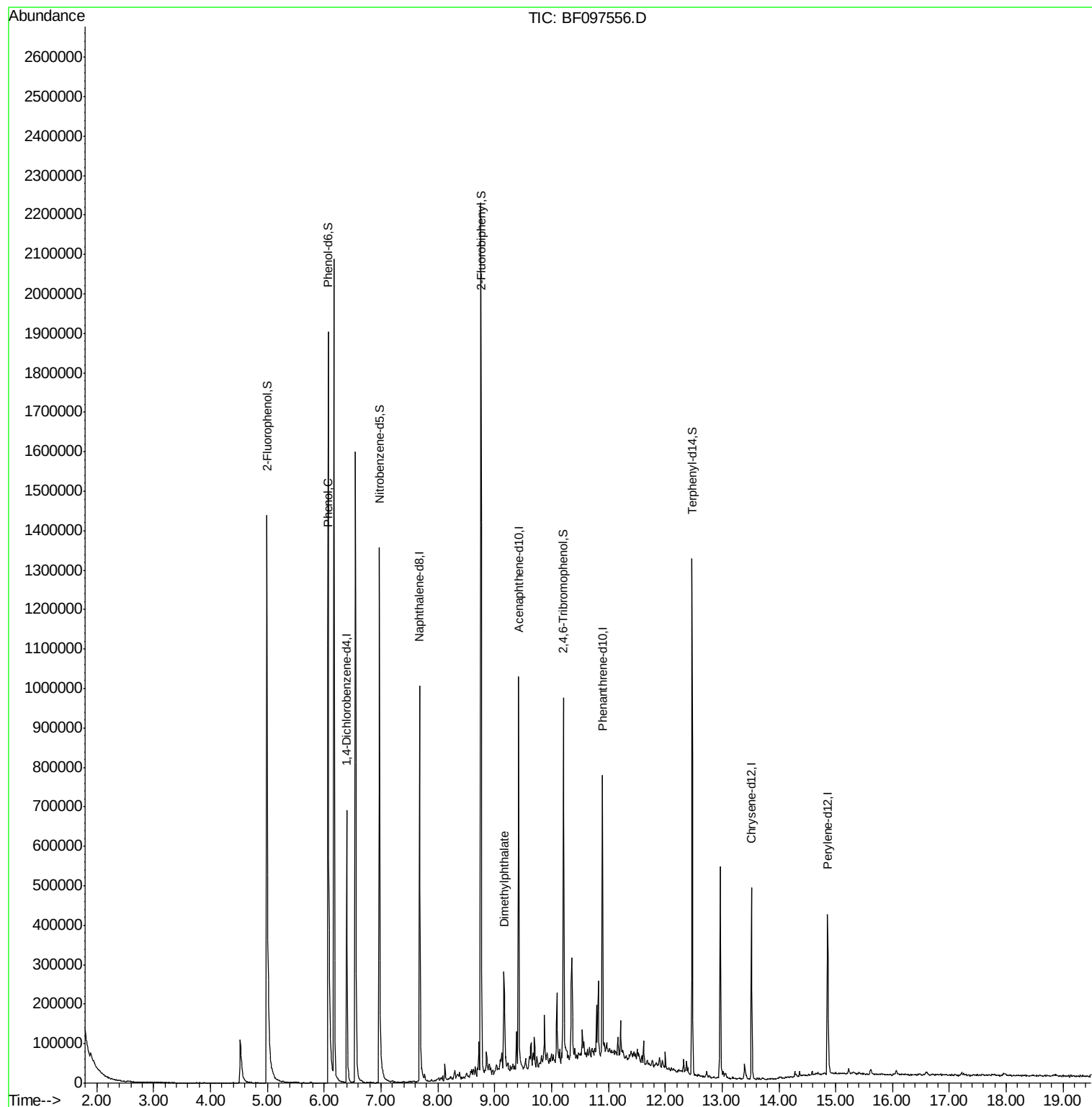
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	119889	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	500089	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	186907	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	271384	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	185477	20.00	ng	-0.02
86) Perylene-d12	14.86	264	165292	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	610742	76.79	ng	-0.01
7) Phenol-d6	6.07	99	768963	84.70	ng	-0.02
23) Nitrobenzene-d5	6.97	82	455180	53.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	104833	70.99	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	687178	62.40	ng	-0.02
78) Terphenyl-d14	12.47	244	374353	41.15	ng	-0.02
Target Compounds						
10) Phenol	6.08	94	28529	2.649	ng	Qvalue # 57
49) Dimethylphthalate	9.16	163	80166	5.648	ng	98

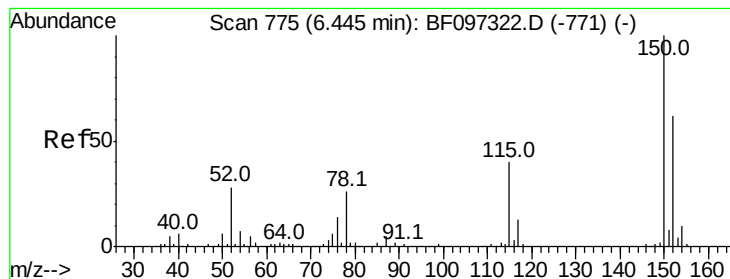
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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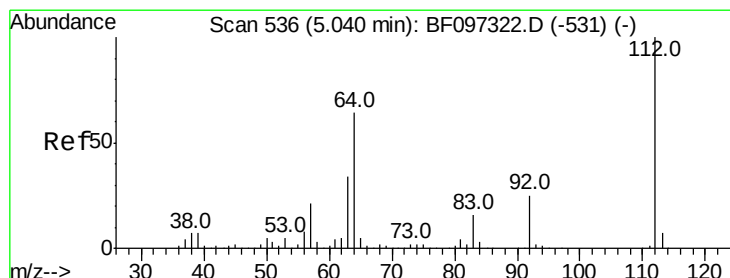
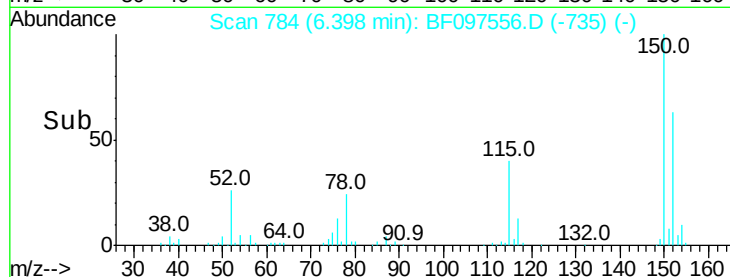
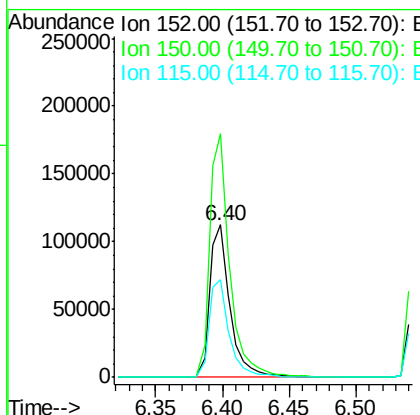
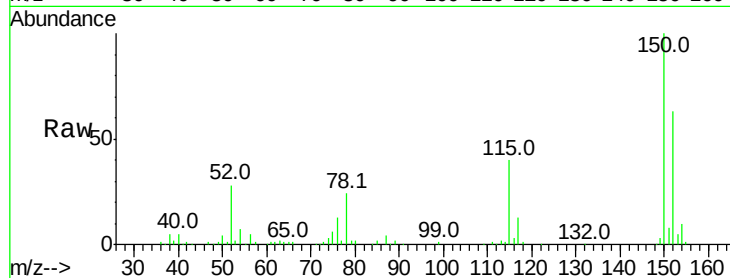


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF097556.D
Acq: 10 Aug 2017 12:05

Instrument :
BNA_F
ClientSampleId :
TEC-S2COMP

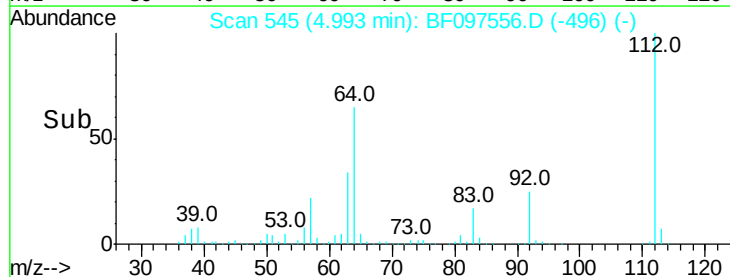
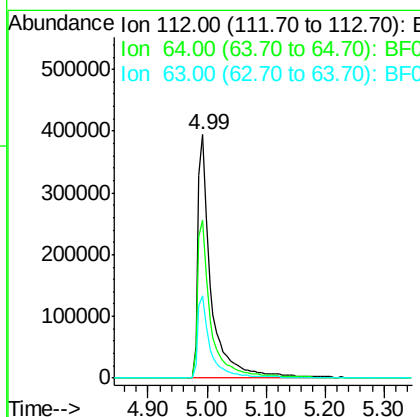
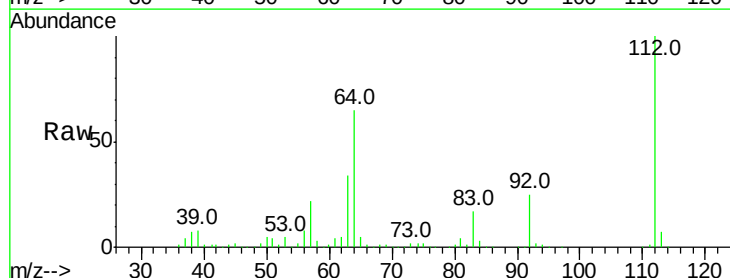
Tot Ion:152 Resp: 119889
Ion Ratio Lower Upper
152 100
150 159.5 126.2 189.2
115 63.8 52.2 78.2

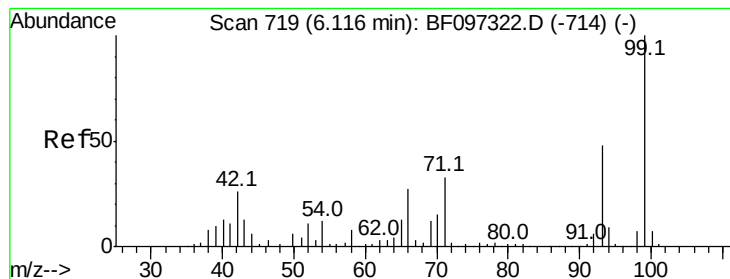


#5

2-Fluorophenol
Concen: 76.795 ng
RT: 4.99 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097556.D
Acq: 10 Aug 2017 12:05

Tgt Ion:112 Resp: 610742
Ion Ratio Lower Upper
112 100
64 65.0 46.0 69.0
63 33.7 23.4 35.0





#7

Phenol-d6

Concen: 84.695 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF097556.D

Acq: 10 Aug 2017 12:05

Instrument :

BNA_F

ClientSampleId :

TEC-S2COMP

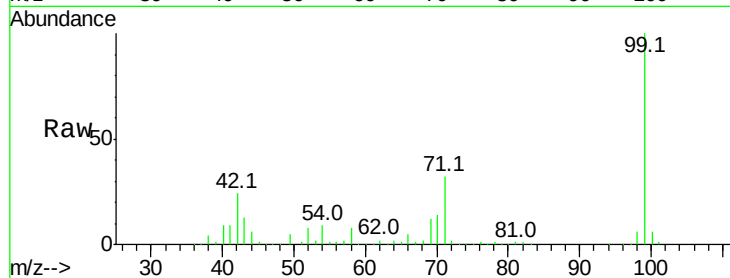
Tot Ion: 99 Resp: 768963

Ion Ratio Lower Upper

99 100

42 23.9 13.5 20.3#

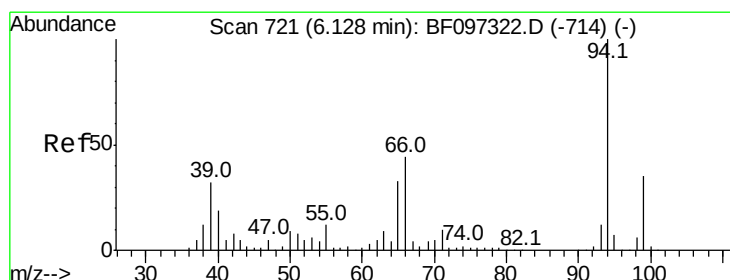
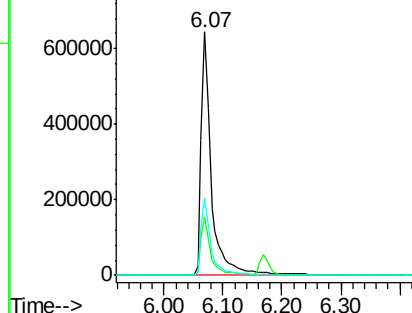
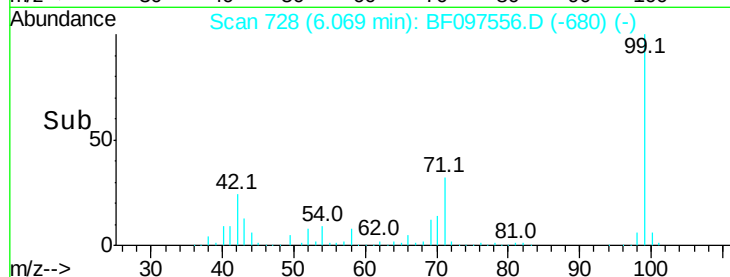
71 31.7 24.5 36.7



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: 2.649 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF097556.D

Acq: 10 Aug 2017 12:05

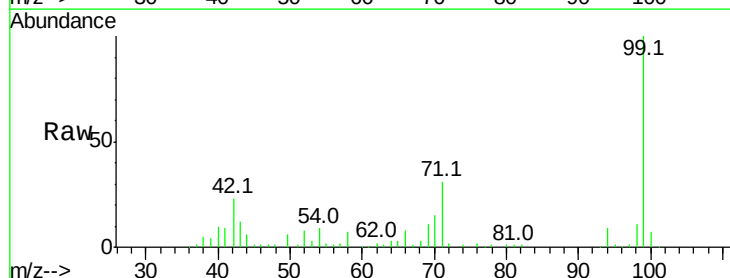
Tgt Ion: 94 Resp: 28529

Ion Ratio Lower Upper

94 100

65 35.8 9.9 49.9

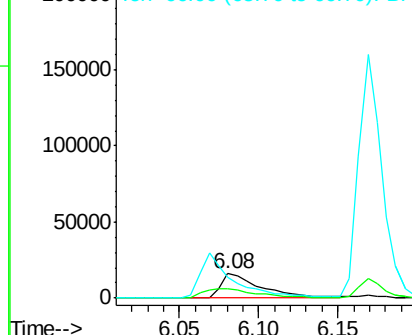
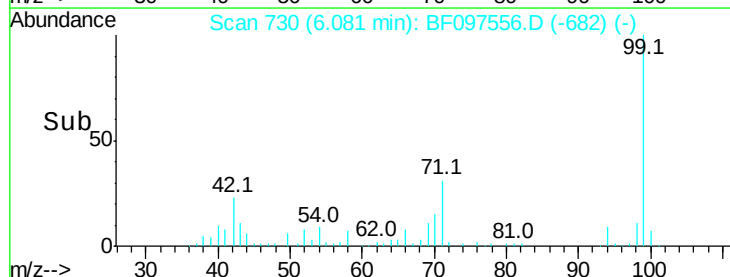
66 84.6 23.1 63.1#

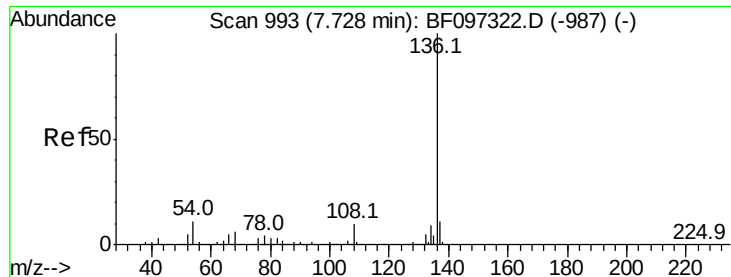


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

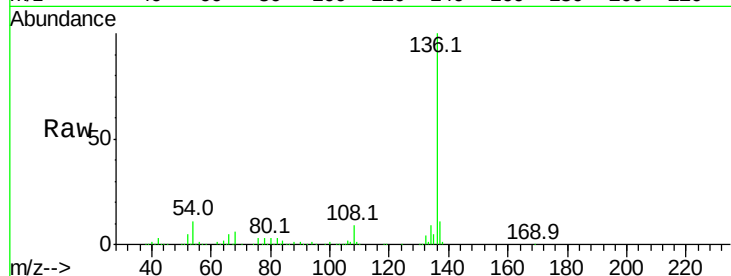




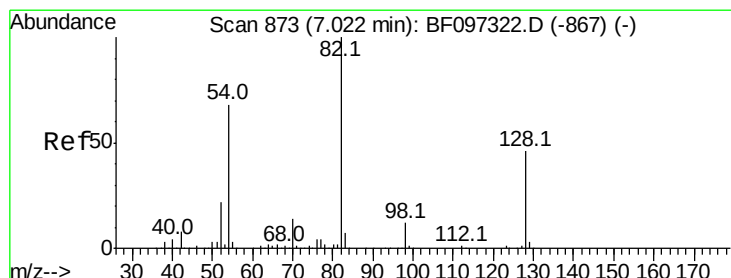
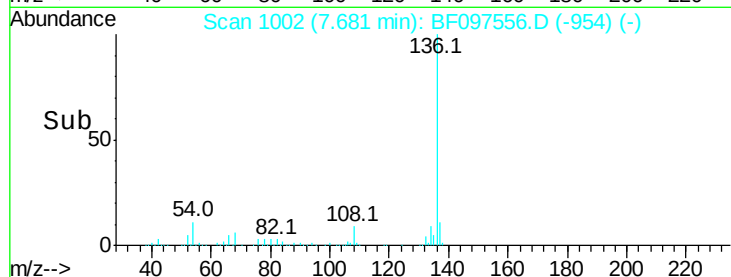
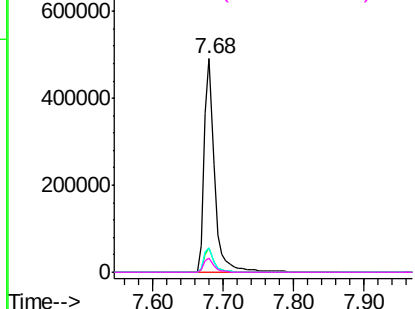
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.68 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF097556.D
Acq: 10 Aug 2017 12:05

Instrument :
BNA_F
ClientSampleId :
TEC-S2COMP

Tot Ion:136 Resp: 500089
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 11.1 4.9 7.3#
68 6.5 4.1 6.1#

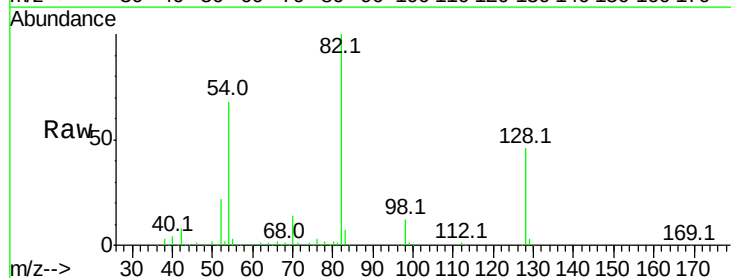


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

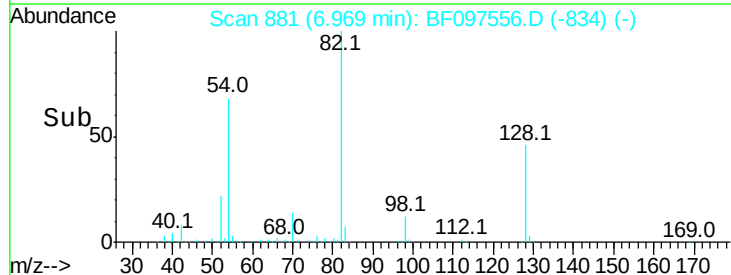
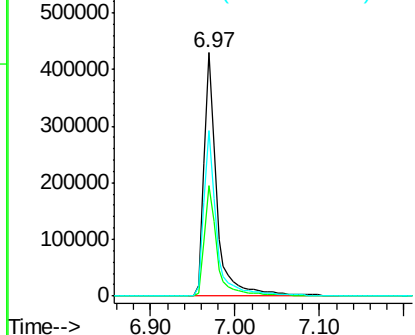


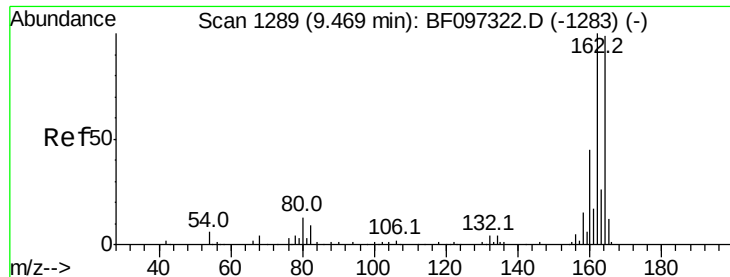
#23
Nitrobenzene-d5
Concen: 53.396 ng
RT: 6.97 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF097556.D
Acq: 10 Aug 2017 12:05

Tgt Ion: 82 Resp: 455180
Ion Ratio Lower Upper
82 100
128 45.6 34.0 51.0
54 68.1 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: 9.42 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF097556.D

Acq: 10 Aug 2017 12:05

Instrument :

BNA_F

ClientSampleId :

TEC-S2COMP

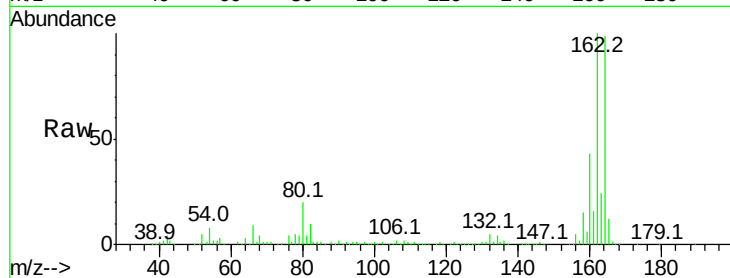
Tot Ion:164 Resp: 186907

Ion Ratio Lower Upper

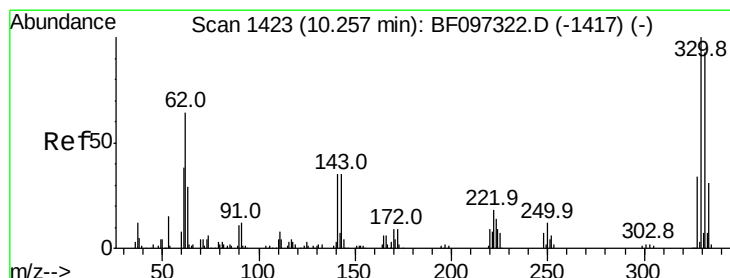
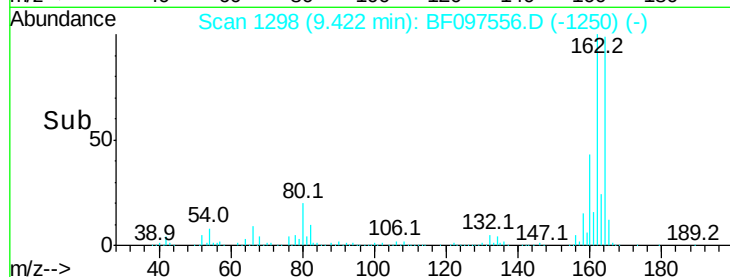
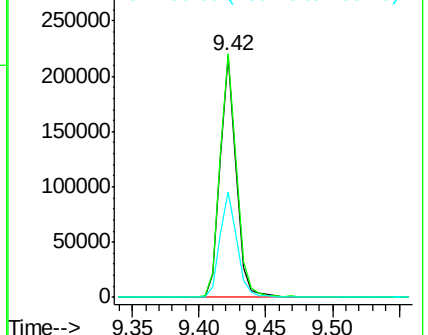
164 100

162 101.0 82.6 123.8

160 43.8 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: 70.989 ng

RT: 10.21 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF097556.D

Acq: 10 Aug 2017 12:05

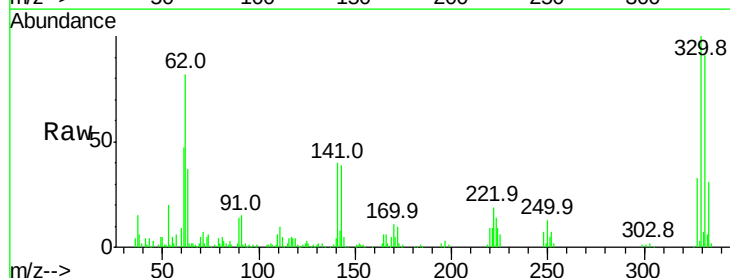
Tgt Ion:330 Resp: 104833

Ion Ratio Lower Upper

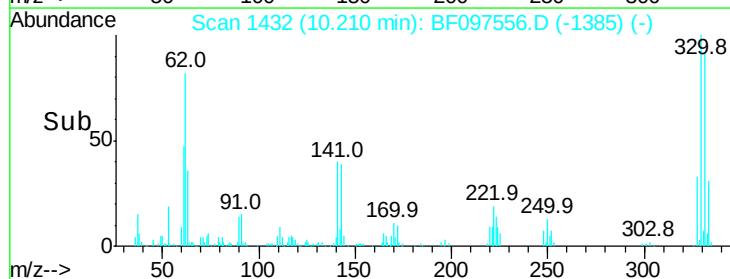
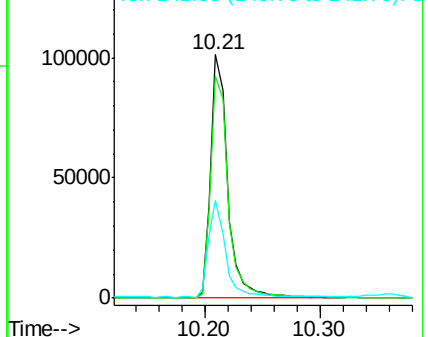
330 100

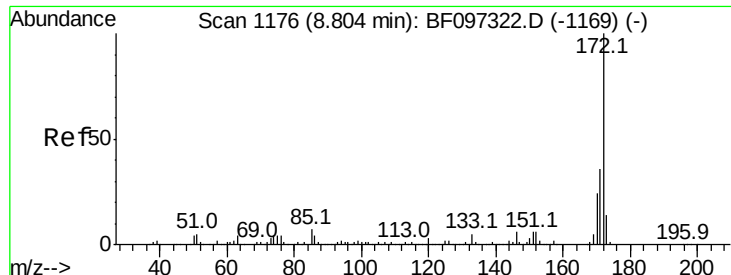
332 94.6 76.6 115.0

141 38.9 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

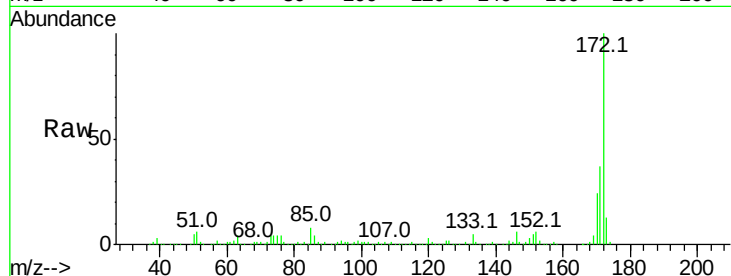




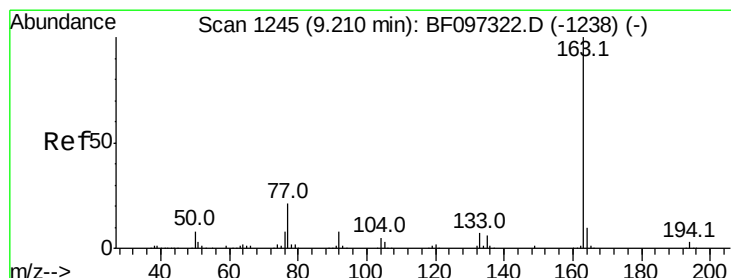
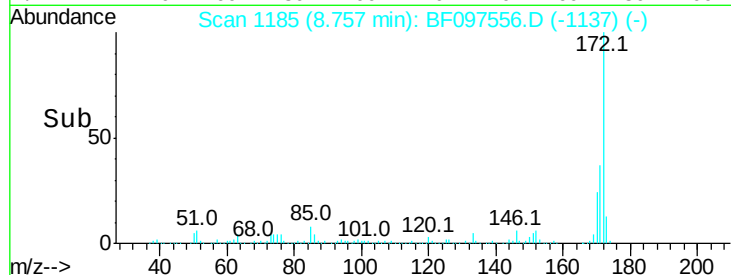
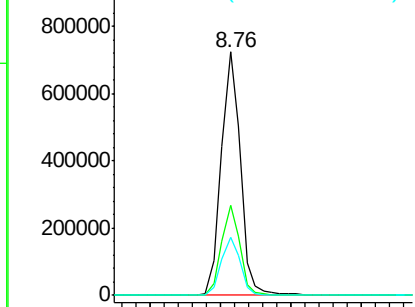
#44
2-Fluorobiphenyl
Concen: 62.395 ng
RT: 8.76 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF097556.D
Acq: 10 Aug 2017 12:05

Instrument :
BNA_F
ClientSampleId :
TEC-S2COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.9	19.8	29.8

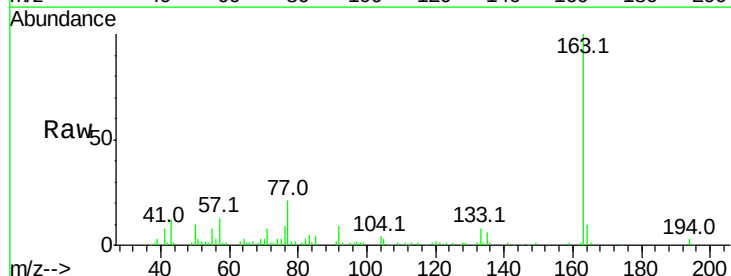


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

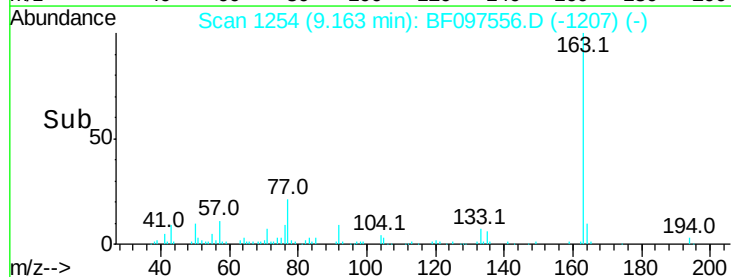
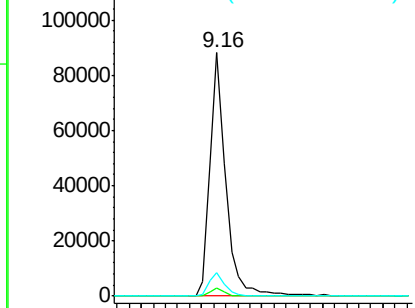


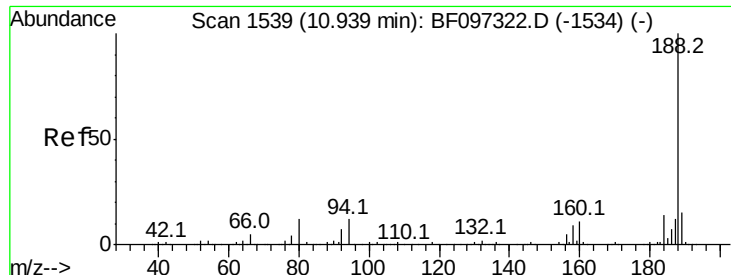
#49
Dimethylphthalate
Concen: 5.648 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097556.D
Acq: 10 Aug 2017 12:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.8	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

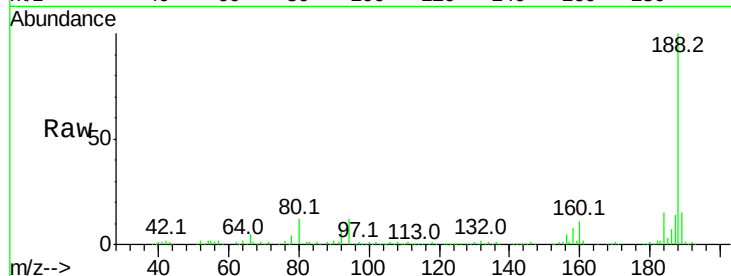




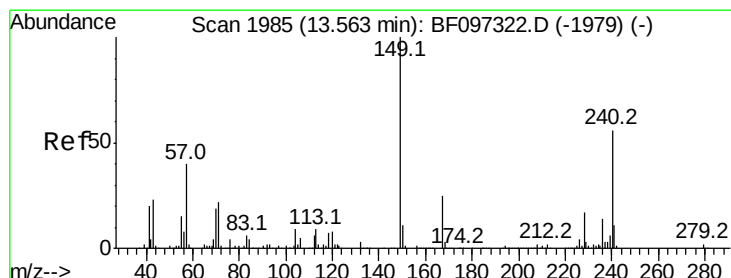
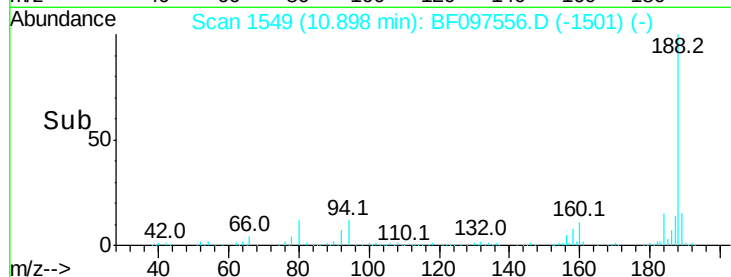
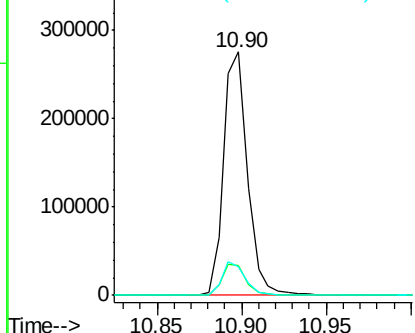
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF097556.D
Acq: 10 Aug 2017 12:05

Instrument :
BNA_F
ClientSampleId :
TEC-S2COMP

Tot Ion:188 Resp: 271384
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 11.8 10.2 15.2

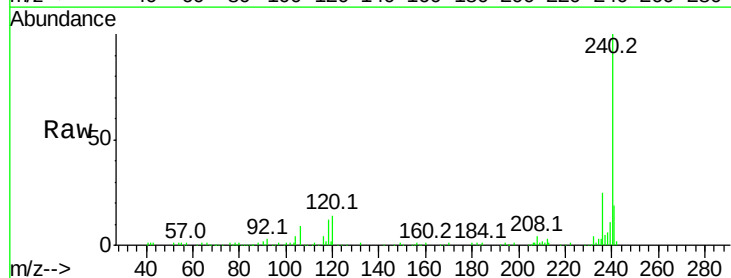


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

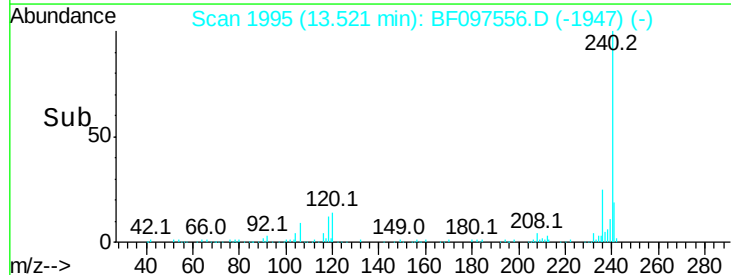
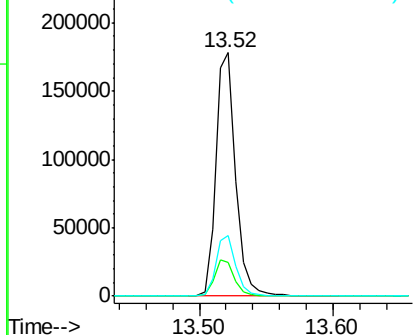


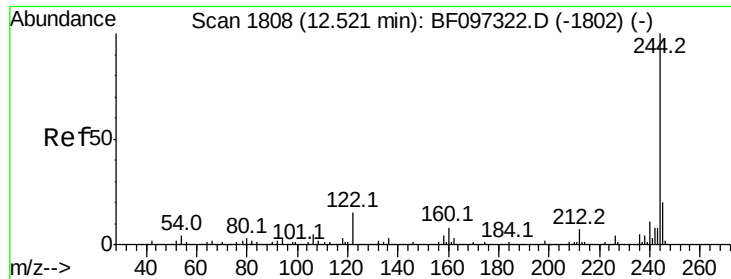
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF097556.D
Acq: 10 Aug 2017 12:05

Tgt Ion:240 Resp: 185477
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 25.1 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: 41.151 ng

RT: 12.47 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF097556.D

Acq: 10 Aug 2017 12:05

Instrument :

BNA_F

ClientSampleId :

TEC-S2COMP

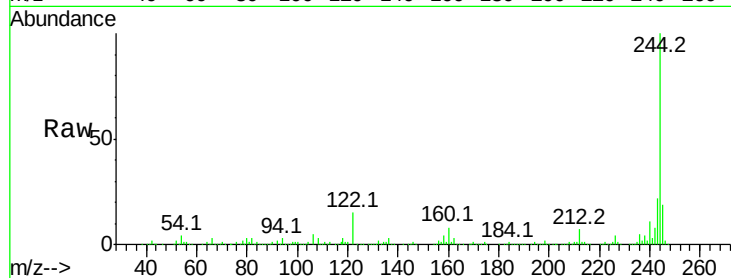
Tot Ion:244 Resp: 374353

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

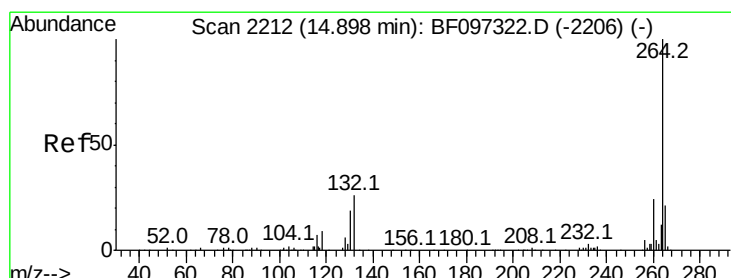
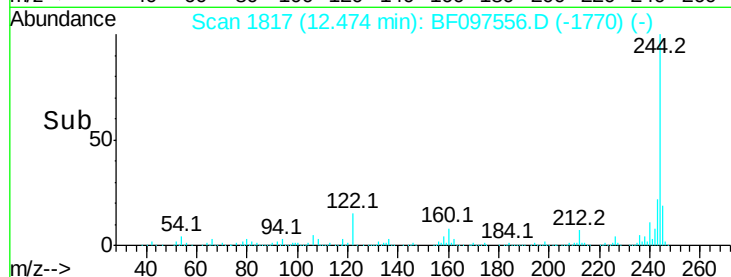
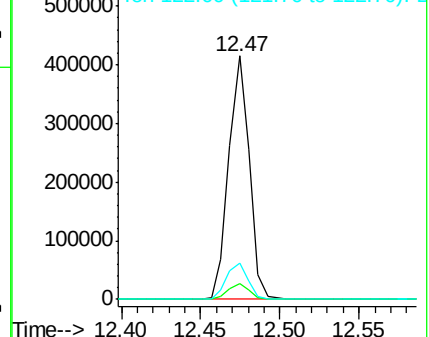
122 15.0 10.3 15.5



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: 14.86 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BF097556.D

Acq: 10 Aug 2017 12:05

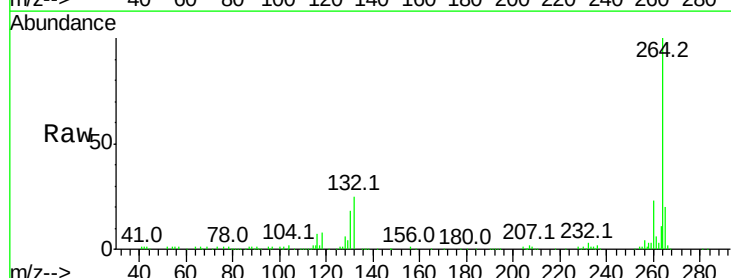
Tgt Ion:264 Resp: 165292

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 20.5 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

