

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102257.D
 Acq On : 20 Jan 2018 11:22
 Operator : SJ/JU
 Sample : J1114-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-2.0-2.5

Quant Time: Jan 22 02:23:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

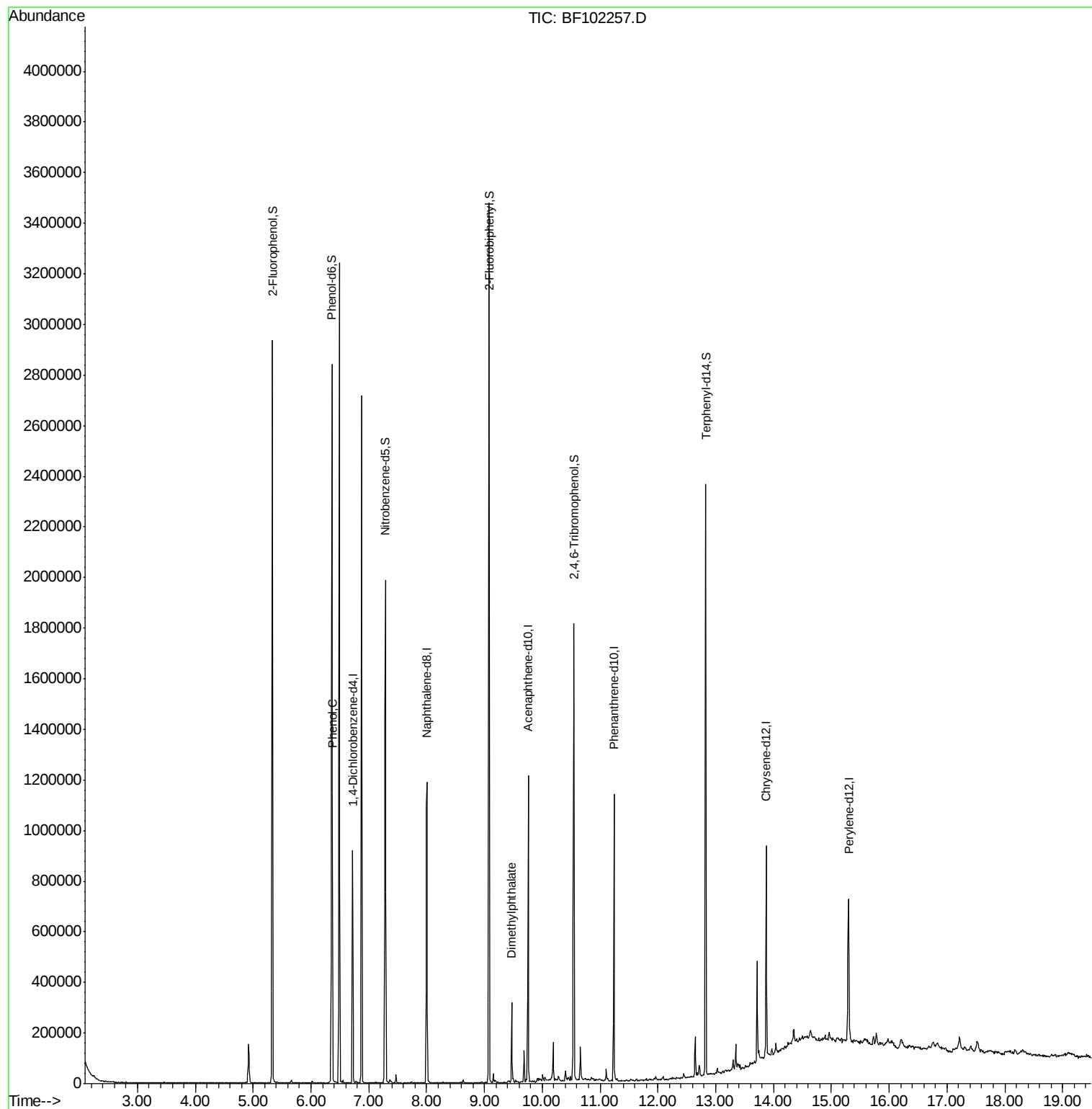
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	139742	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	554374	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	234988	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	365592	20.00	ng	0.00
75) Chrysene-d12	13.87	240	262235	20.00	ng	0.00
86) Perylene-d12	15.30	264	252331	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	849827	85.87	ng	0.00
7) Phenol-d6	6.36	99	1007586	85.34	ng	0.00
23) Nitrobenzene-d5	7.29	82	618925	65.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	200771	97.90	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1103749	73.38	ng	0.00
78) Terphenyl-d14	12.83	244	819267	64.87	ng	0.00
Target Compounds						
10) Phenol	6.37	94	31974	2.40	ng	97
49) Dimethylphthalate	9.47	163	115764	6.14	ng	99

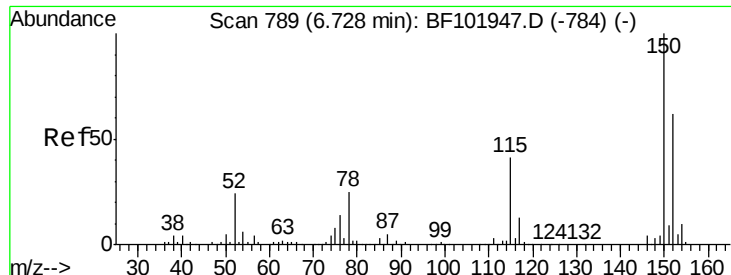
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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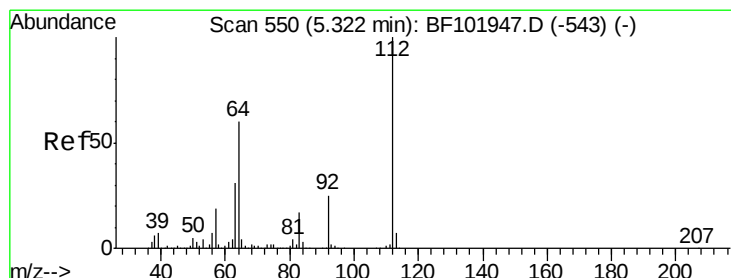
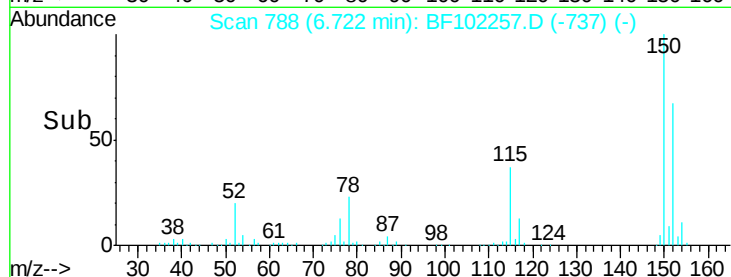
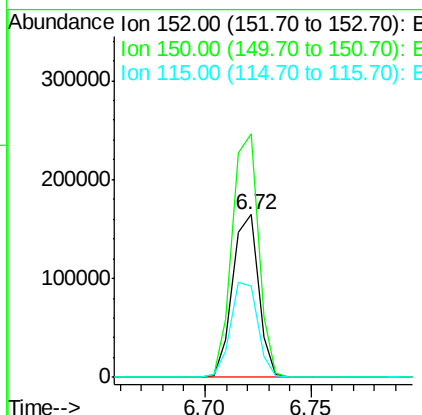
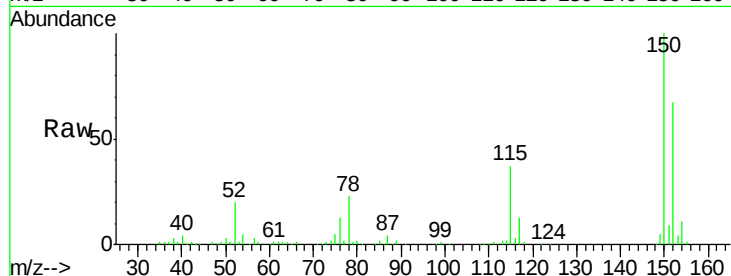


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102257.D
Acq: 20 Jan 2018 11:22

Instrument :
BNA_F
ClientSampleId :
SB-21-2.0-2.5

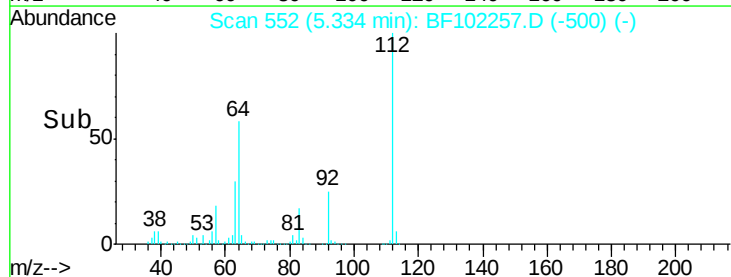
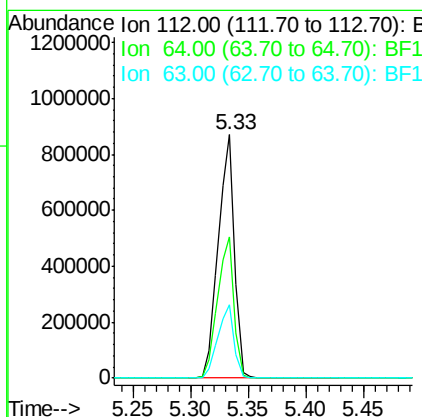
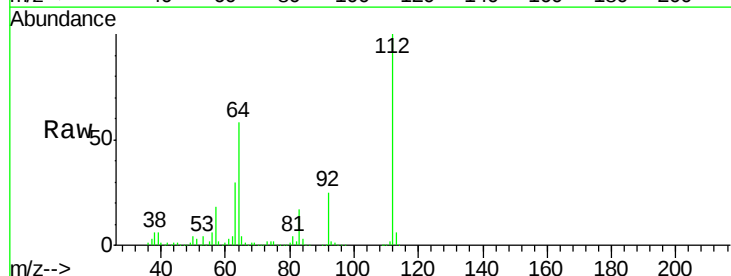
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	124.6	186.8
115	56.0	50.1	75.1

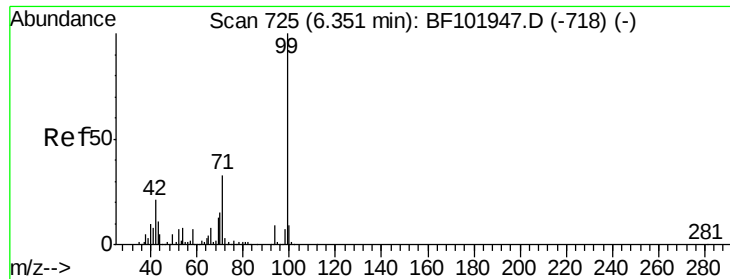


#5

2-Fluorophenol
Concen: 85.87 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102257.D
Acq: 20 Jan 2018 11:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	29.9	23.7	35.5





#7

Phenol-d6

Concen: 85.34 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102257.D

Acq: 20 Jan 2018 11:22

Instrument :

BNA_F

ClientSampleId :

SB-21-2.0-2.5

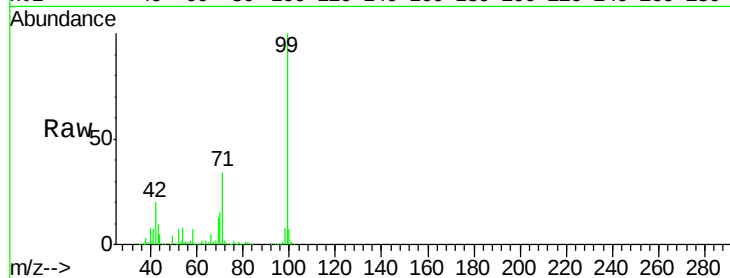
Tot Ion: 99 Resp: 1007586

Ion Ratio Lower Upper

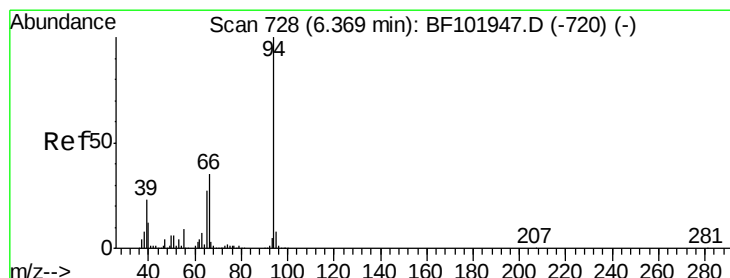
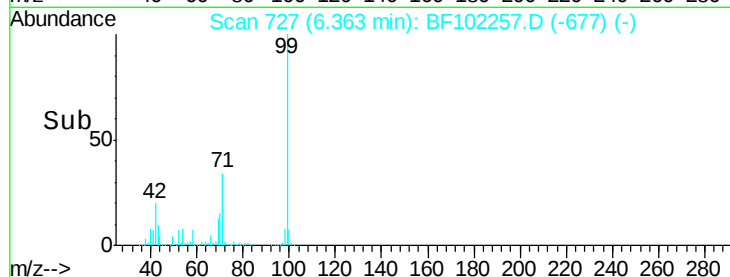
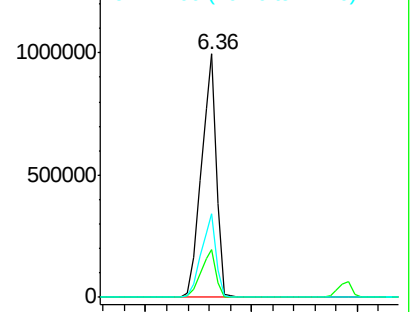
99 100

42 19.5 14.5 21.7

71 34.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.40 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102257.D

Acq: 20 Jan 2018 11:22

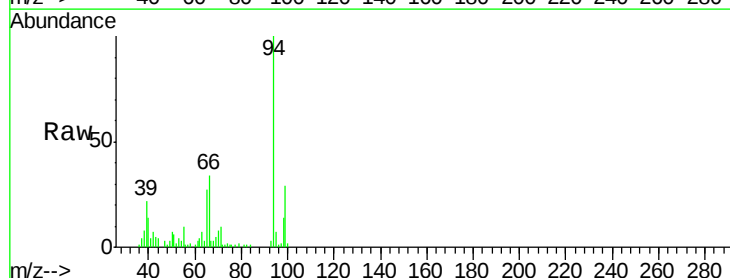
Tgt Ion: 94 Resp: 31974

Ion Ratio Lower Upper

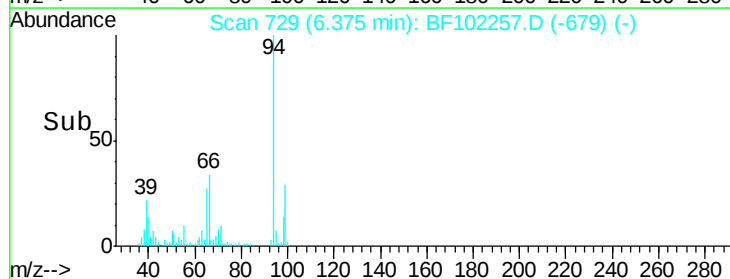
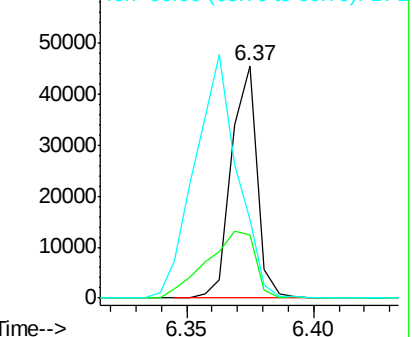
94 100

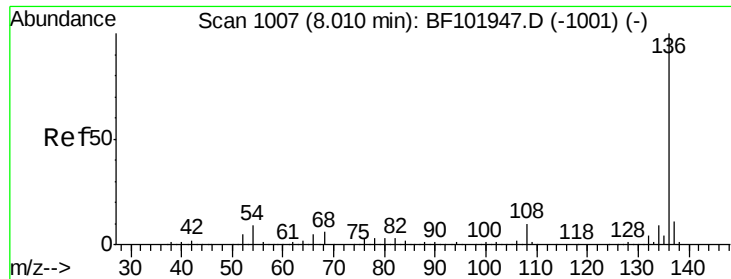
65 27.3 7.9 47.9

66 34.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

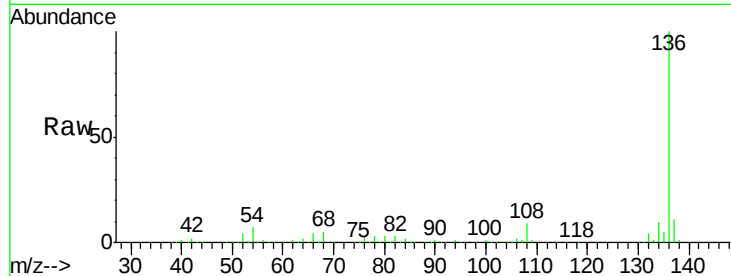




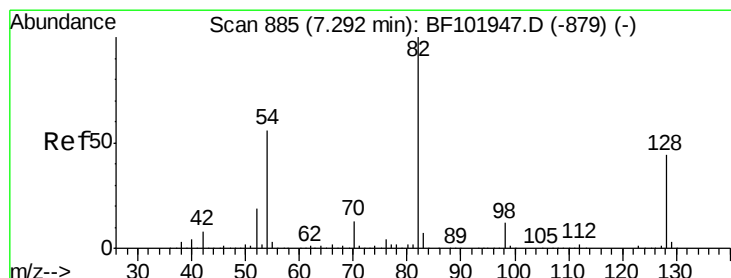
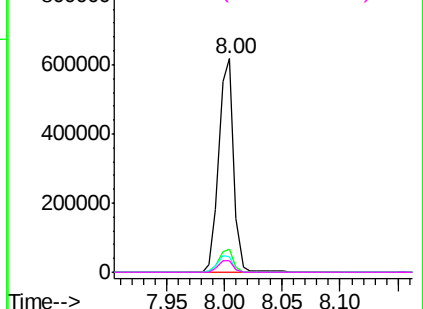
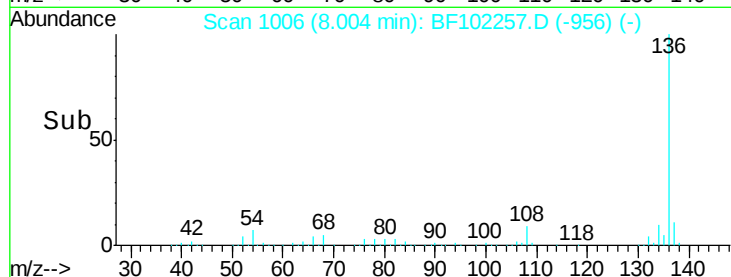
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102257.D
Acq: 20 Jan 2018 11:22

Instrument :
BNA_F
ClientSampleId :
SB-21-2.0-2.5

Tot Ion:136	Resp:	554374	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.9	13.3	
54 7.3	6.6	9.8	
68 5.1	5.0	7.4	

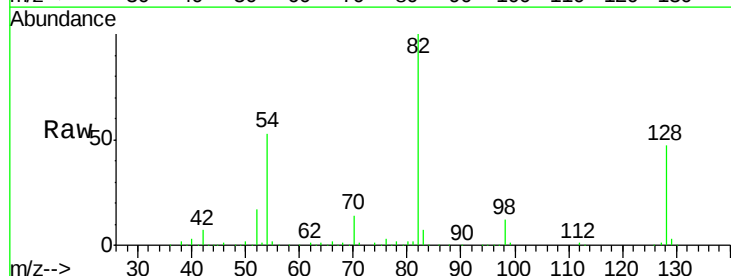


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

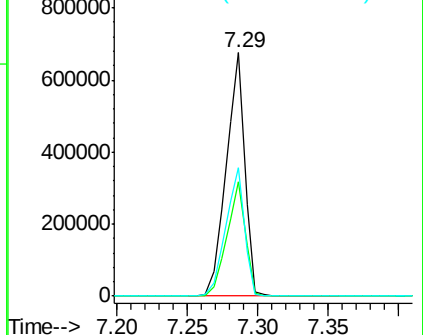
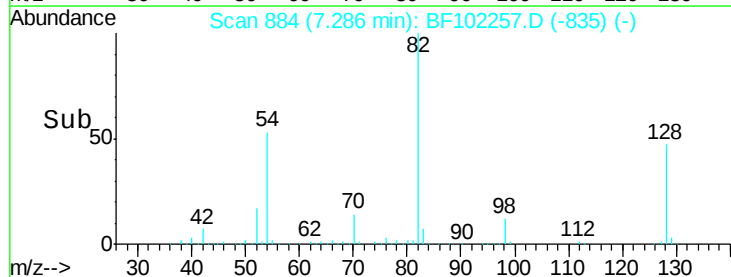


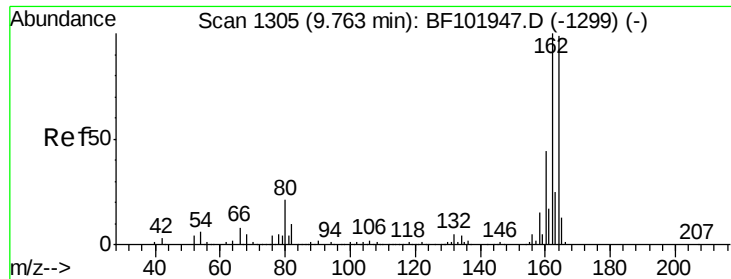
#23
Nitrobenzene-d5
Concen: 65.61 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102257.D
Acq: 20 Jan 2018 11:22

Tgt Ion: 82	Resp: 618925
Ion Ratio	Lower Upper
82 100	
128 47.2	36.1 54.1
54 52.9	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

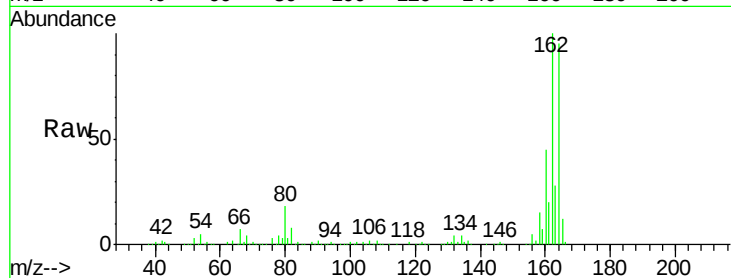




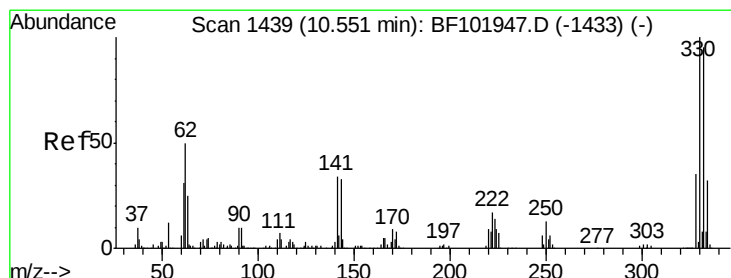
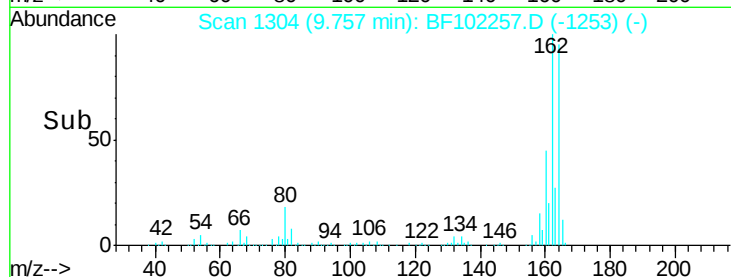
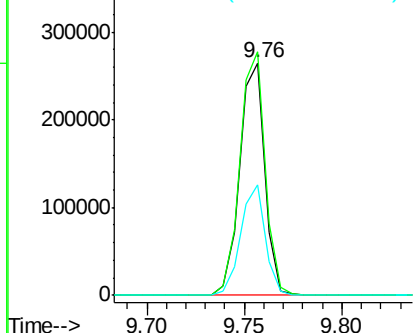
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF102257.D
 Acq: 20 Jan 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-2.0-2.5

Tot Ion:164 Resp: 234988
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 47.3 38.3 57.5

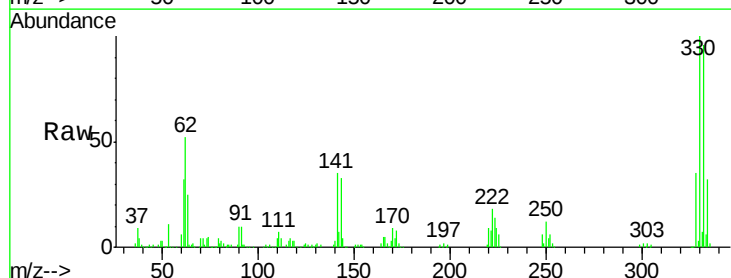


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

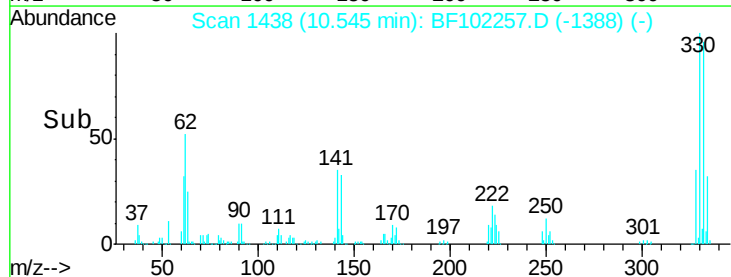
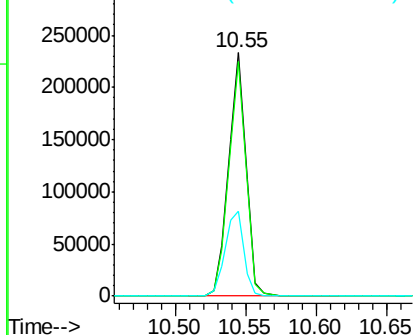


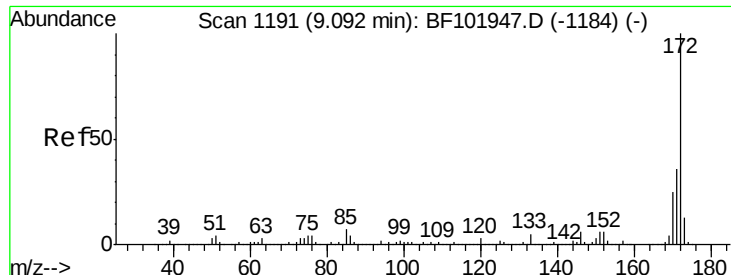
#41
 2,4,6-Tribromophenol
 Concen: 97.90 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102257.D
 Acq: 20 Jan 2018 11:22

Tgt Ion:330 Resp: 200771
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 37.8 29.9 44.9



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

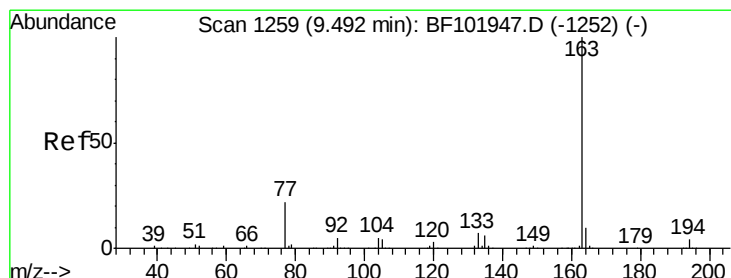
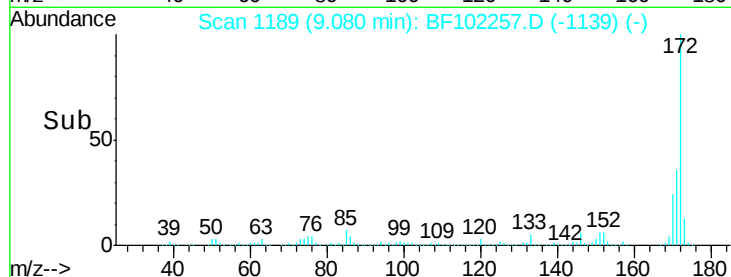
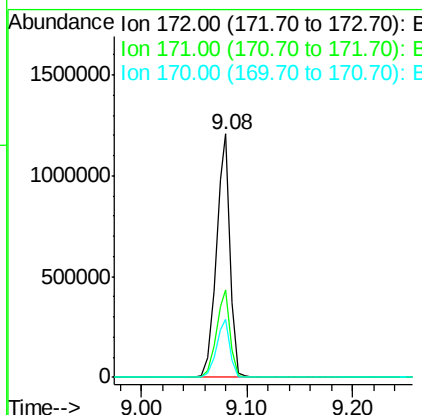
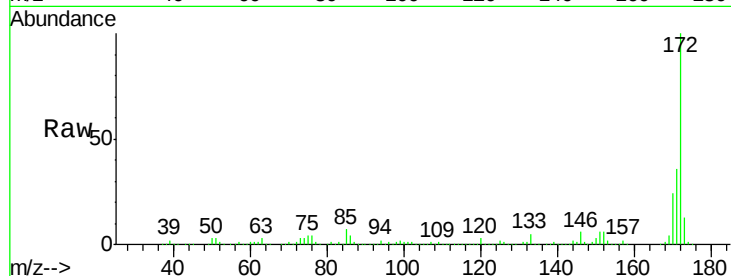




#44
2-Fluorobiphenyl
Concen: 73.38 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102257.D
Acq: 20 Jan 2018 11:22

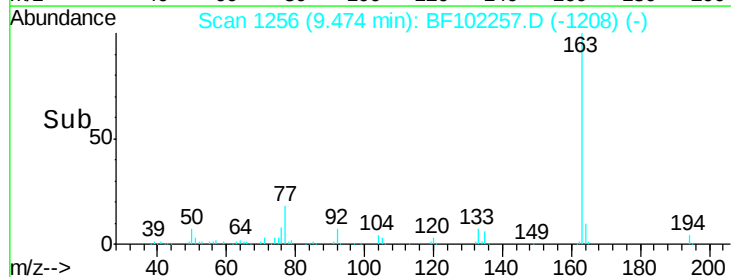
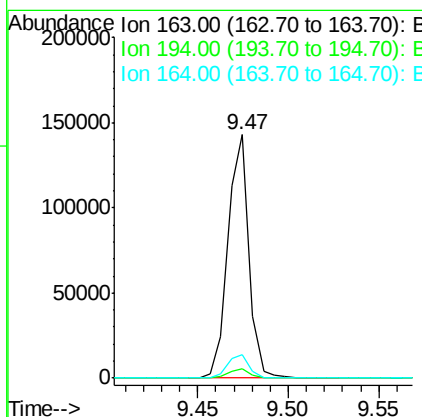
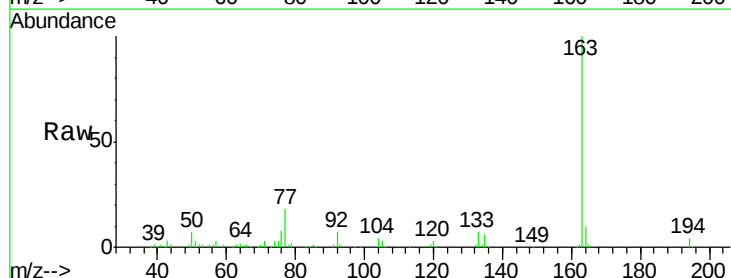
Instrument :
BNA_F
ClientSampleId :
SB-21-2.0-2.5

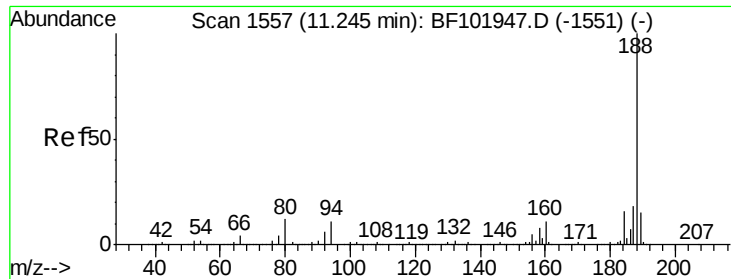
Tot Ion:172 Resp: 1103749
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 6.14 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102257.D
Acq: 20 Jan 2018 11:22

Tgt Ion:163 Resp: 115764
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.7 8.2 12.2

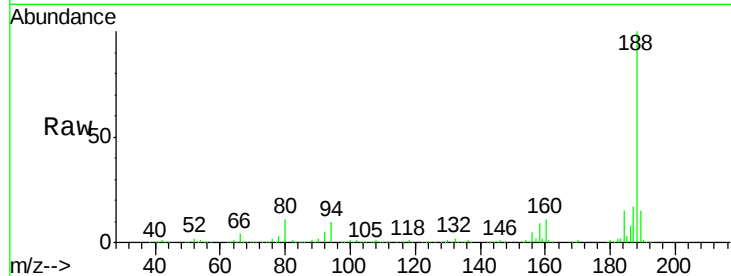




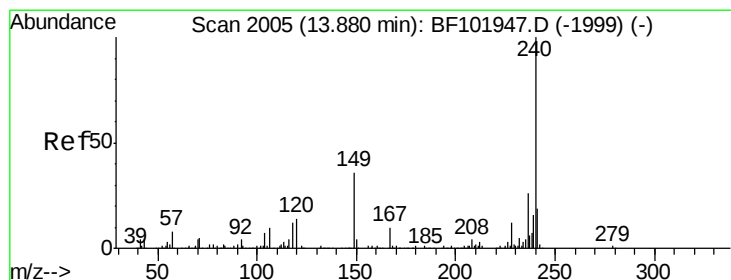
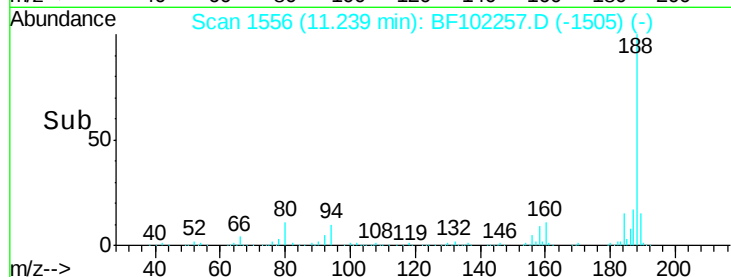
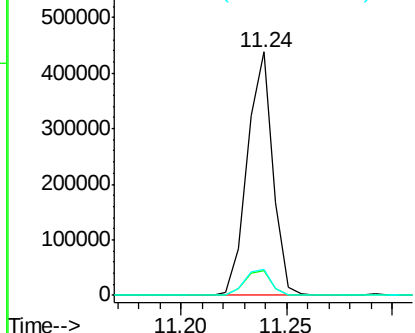
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102257.D
Acq: 20 Jan 2018 11:22

Instrument :
BNA_F
ClientSampleId :
SB-21-2.0-2.5

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.8	9.2	13.8

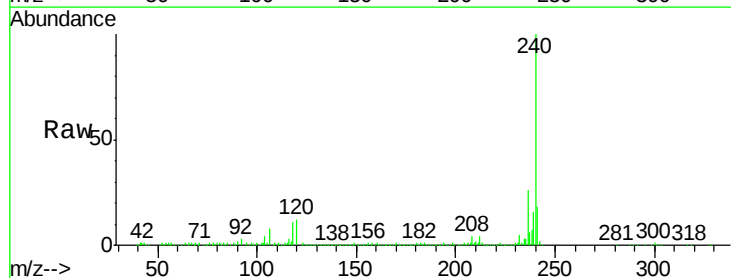


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

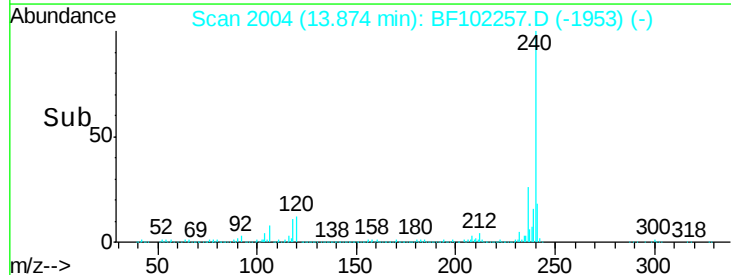
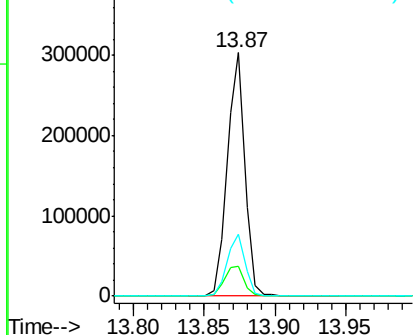


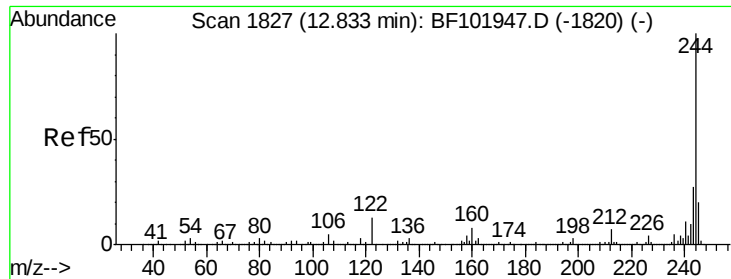
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF102257.D
Acq: 20 Jan 2018 11:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.6	20.7	31.1



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: 64.87 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF102257.D

Acq: 20 Jan 2018 11:22

Instrument :

BNA_F

ClientSampleId :

SB-21-2.0-2.5

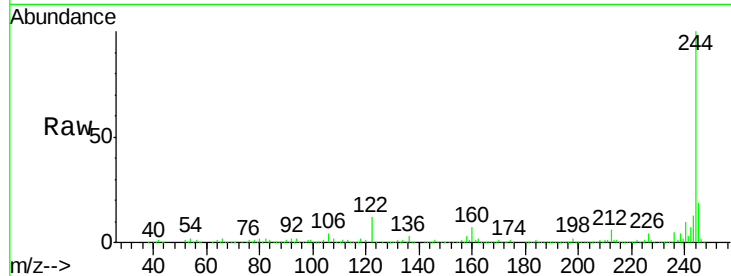
Tot Ion:244 Resp: 819267

Ion Ratio Lower Upper

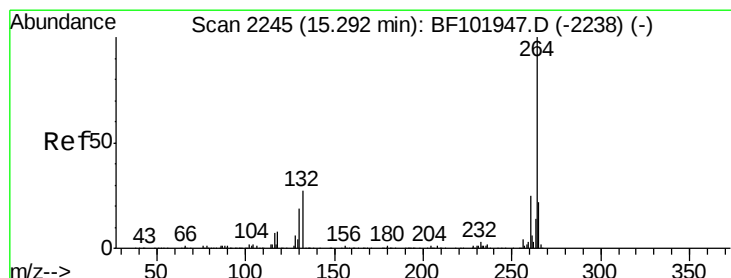
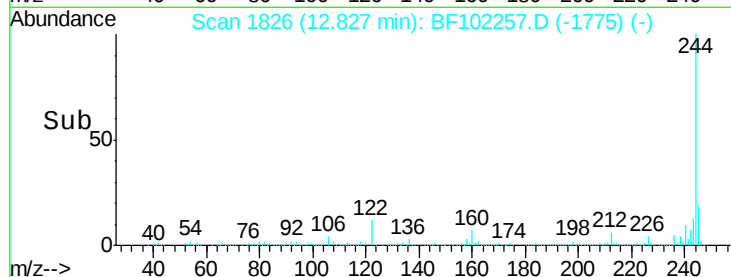
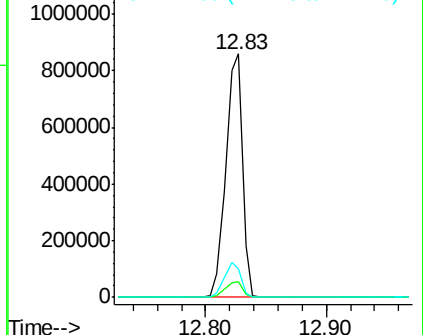
244 100

212 6.5 5.4 8.0

122 12.0 11.0 16.4



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: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF102257.D

Acq: 20 Jan 2018 11:22

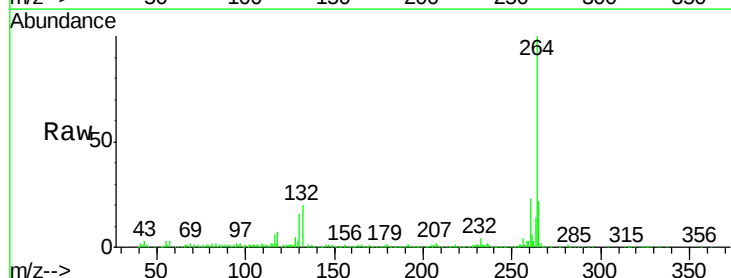
Tgt Ion:264 Resp: 252331

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 22.1 17.5 26.3



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

