

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103352.D
 Acq On : 1 Mar 2018 23:04
 Operator : SJ/JU
 Sample : J1735-01 100X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 09:30:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

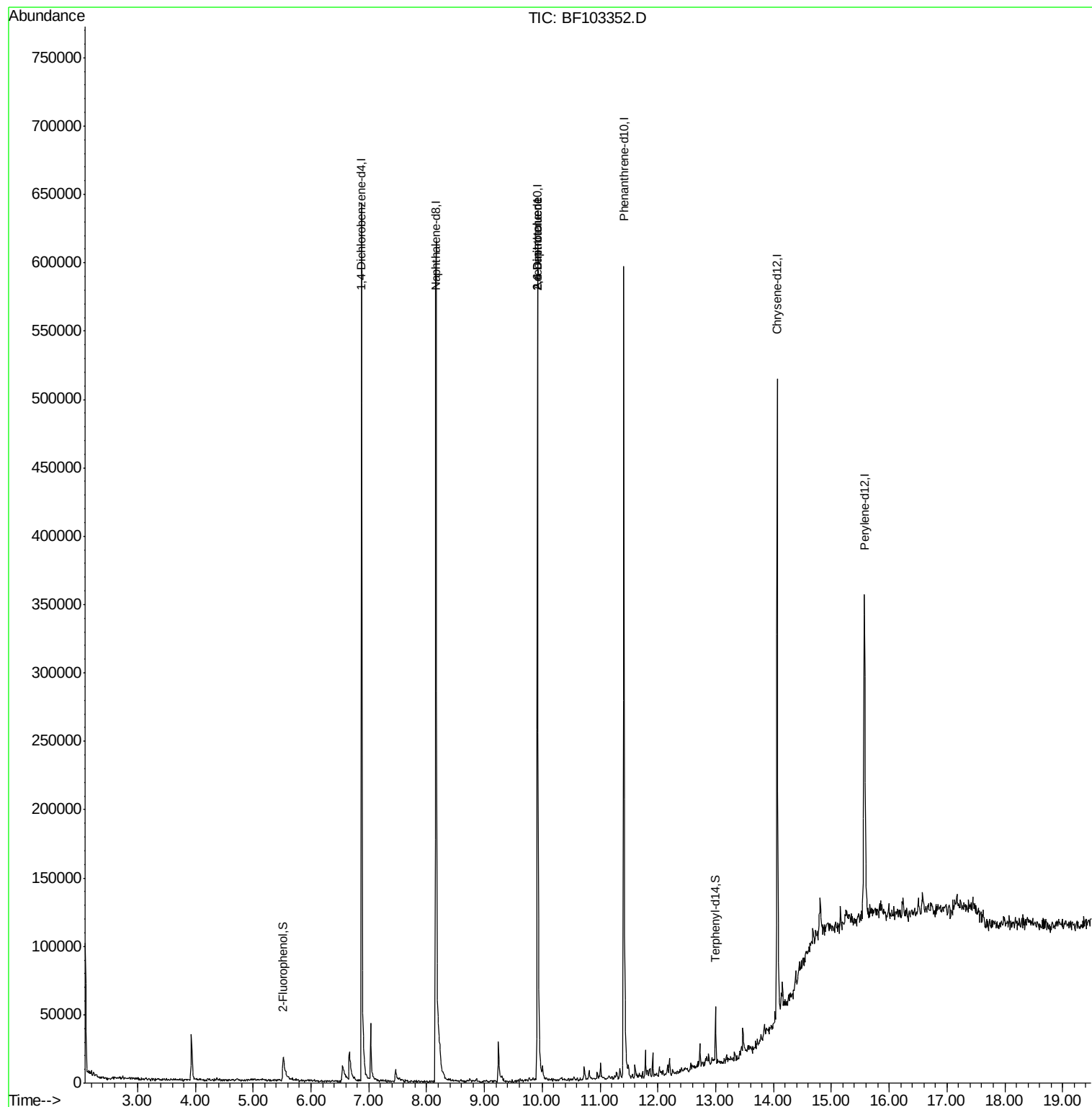
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	109048	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	426160	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	155134	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	259222	20.00	ng	0.00
75) Chrysene-d12	14.06	240	178193	20.00	ng	0.00
86) Perylene-d12	15.57	264	125694	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	15387	2.13	ng	0.02
7) Phenol-d6	6.55	99	14205	1.61	ng	0.04
23) Nitrobenzene-d5	7.46	82	7814	1.05	ng	0.01
41) 2,4,6-Tribromophenol	10.73	330	1868	1.42	ng	0.02
44) 2-Fluorobiphenyl	9.24	172	20597	-1.00	ng	0.00
78) Terphenyl-d14	13.00	244	17965	2.42	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.92	165	19313	7.395	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	19313	5.847	ng	# 21

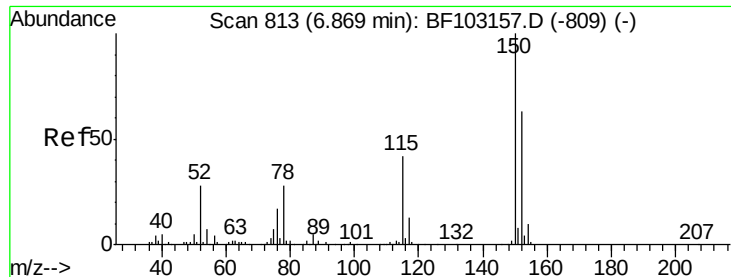
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
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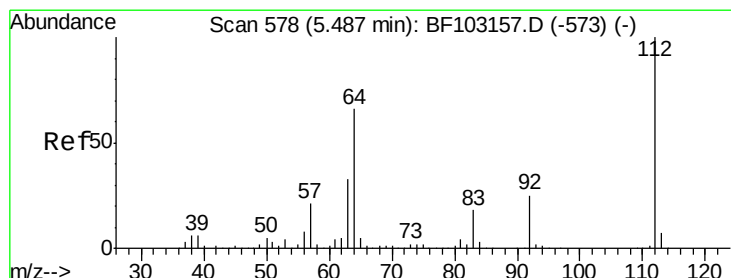
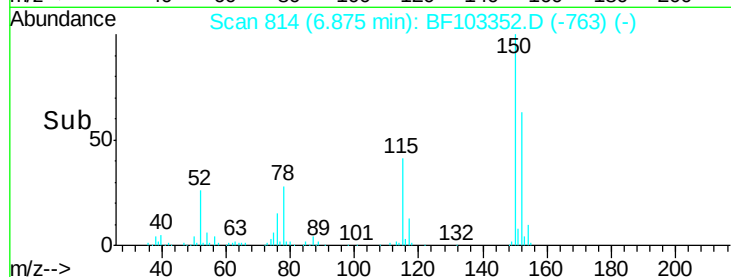
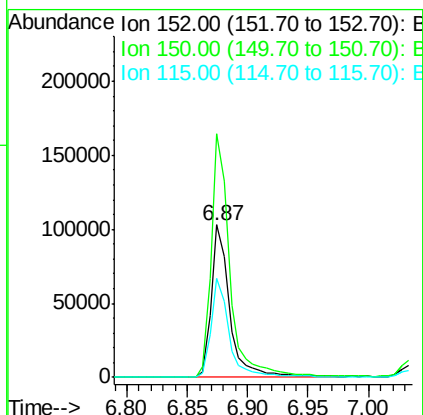
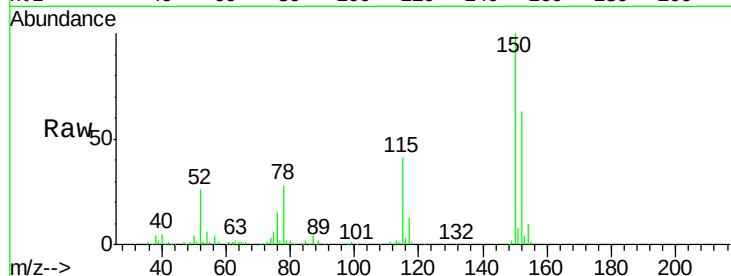


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103352.D
Acq: 1 Mar 2018 23:04

Instrument :
BNA_F
ClientSampleId :

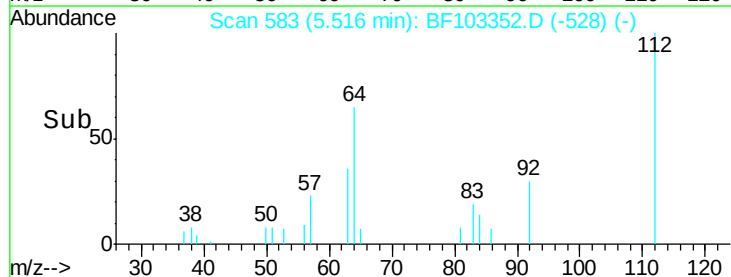
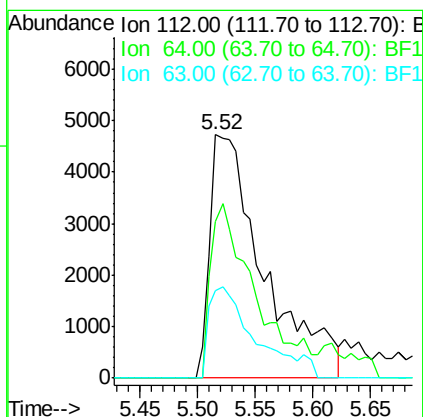
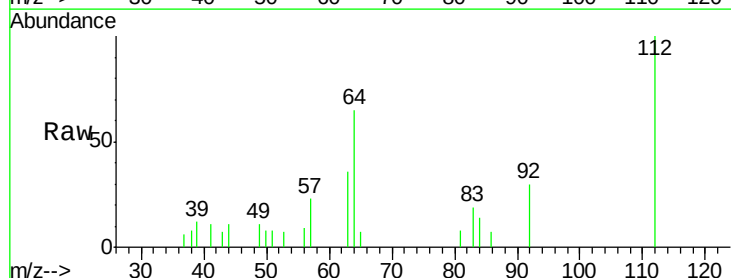
Tot Ion:152 Resp: 109048
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 65.0 50.1 75.1

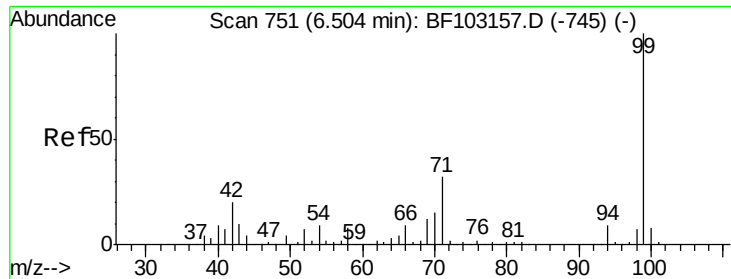


#5

2-Fluorophenol
Concen: 2.134 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF103352.D
Acq: 1 Mar 2018 23:04

Tgt Ion:112 Resp: 15387
Ion Ratio Lower Upper
112 100
64 64.5 47.9 71.9
63 35.8 23.7 35.5#





#7

Phenol-d6

Concen: 1.610 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.04 min

Lab File: BF103352.D

Acq: 1 Mar 2018 23:04

Instrument :

BNA_F

ClientSampled :

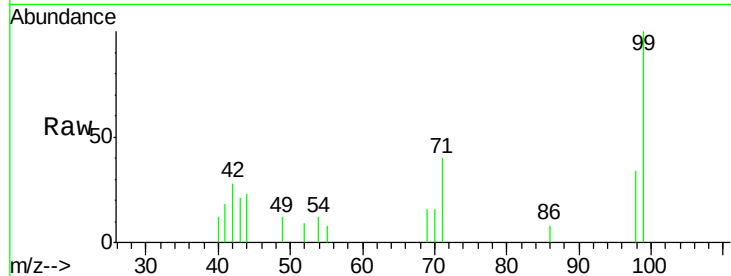
Tot Ion: 99 Resp: 14205

Ion Ratio Lower Upper

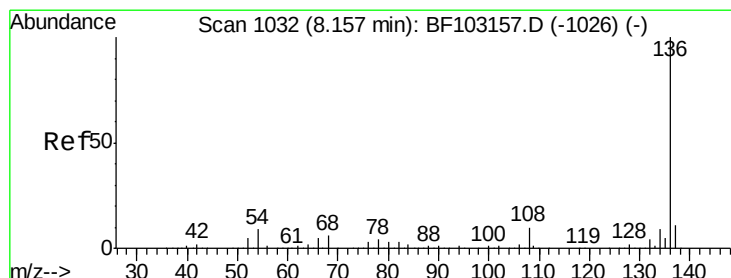
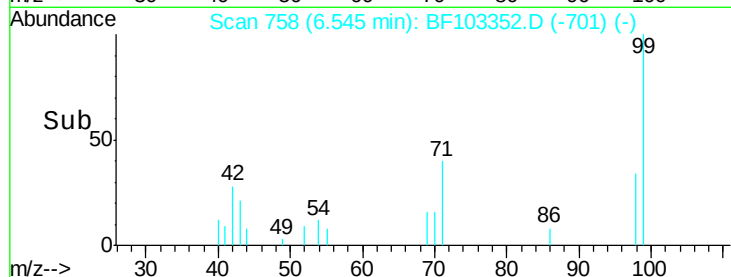
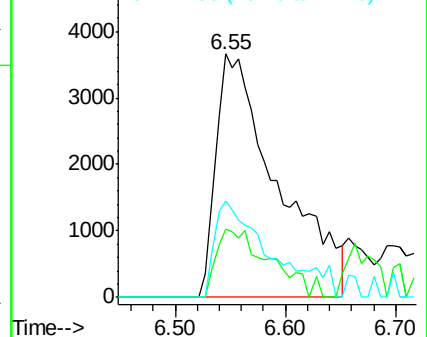
99 100

42 27.9 14.5 21.7#

71 39.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF103352.D

Acq: 1 Mar 2018 23:04

Tgt Ion: 136 Resp: 426160

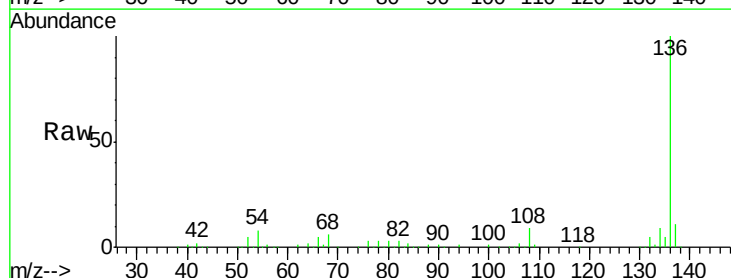
Ion Ratio Lower Upper

136 100

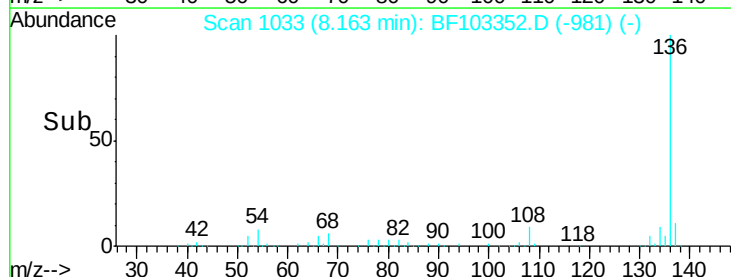
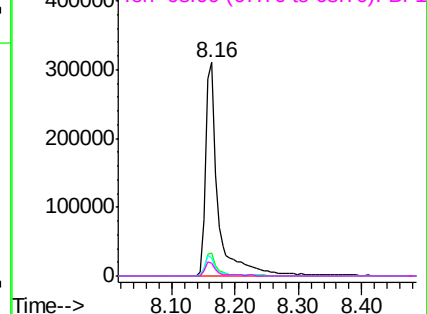
137 11.1 8.9 13.3

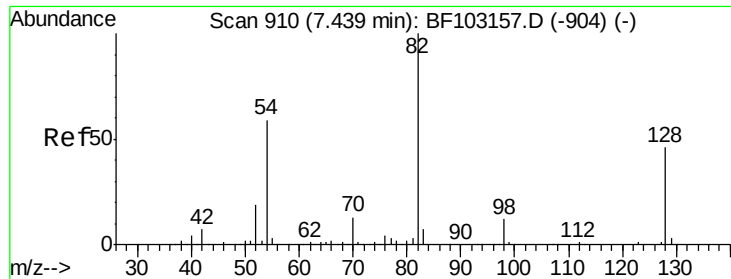
54 8.4 6.6 9.8

68 6.1 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

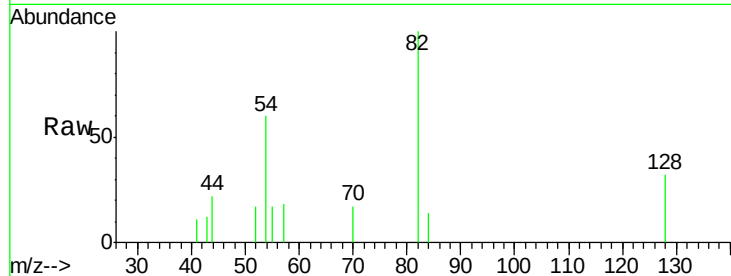




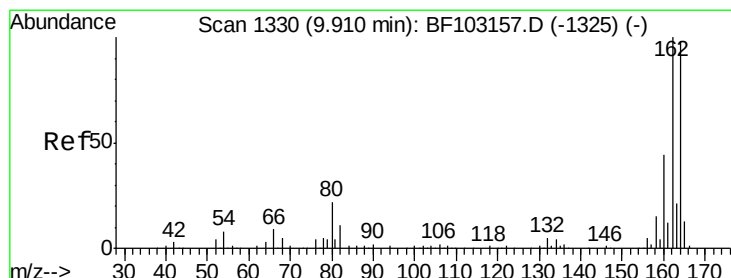
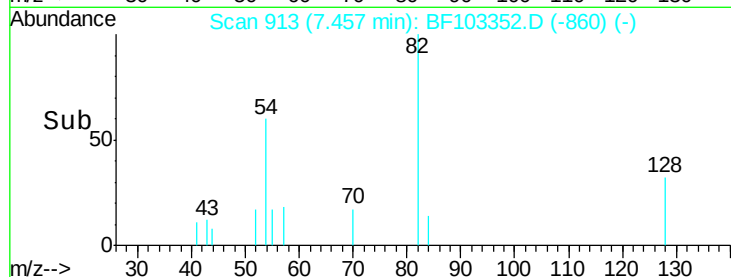
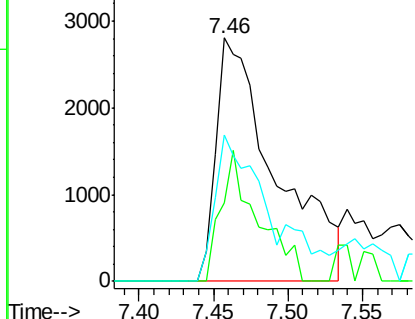
#23
 Nitrobenzene-d5
 Concen: 1.047 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: BF103352.D
 Acq: 1 Mar 2018 23:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 7814
 Ion Ratio Lower Upper
 82 100
 128 32.2 36.1 54.1#
 54 60.0 41.4 62.2

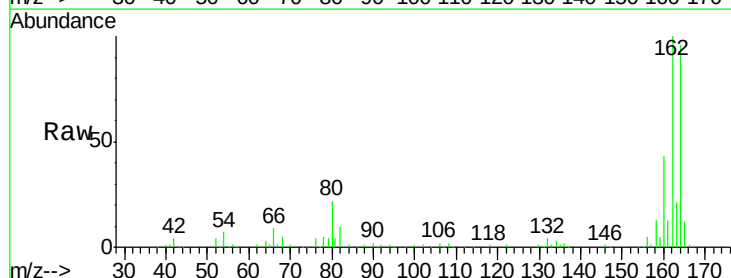


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

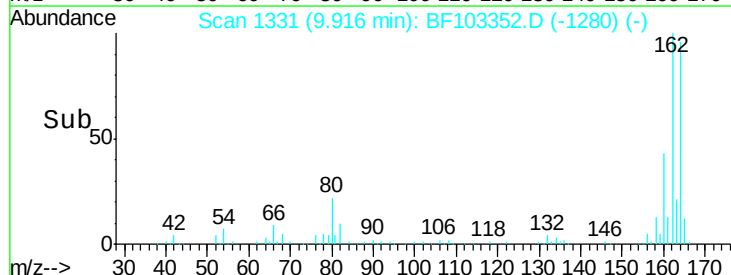
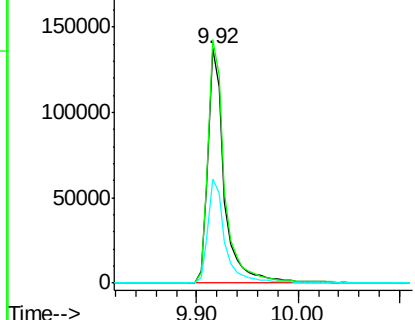


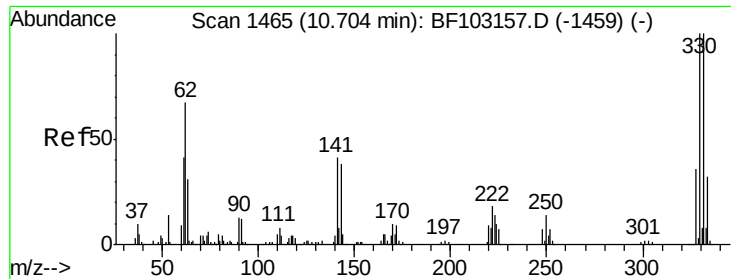
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF103352.D
 Acq: 1 Mar 2018 23:04

Tgt Ion: 164 Resp: 155134
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 44.5 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

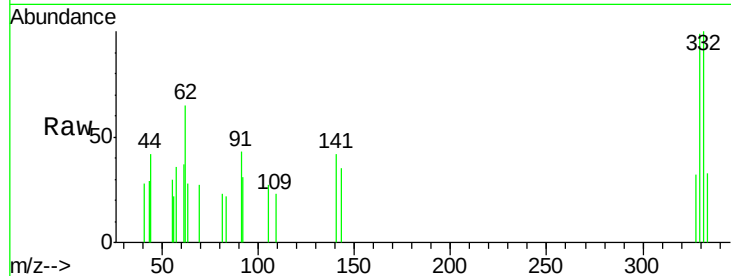




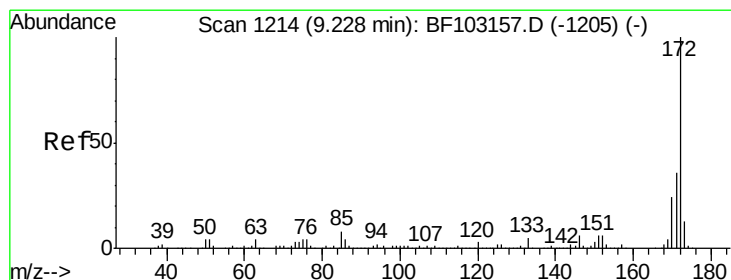
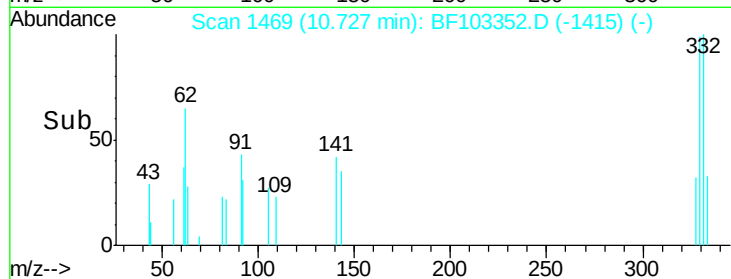
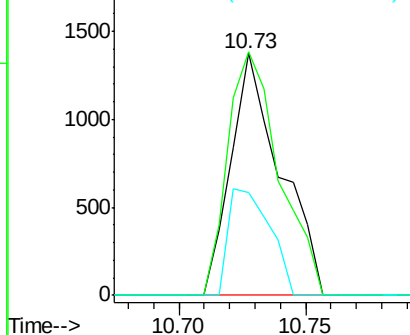
#41
 2,4,6-Tribromophenol
 Concen: 1.423 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.02 min
 Lab File: BF103352.D
 Acq: 1 Mar 2018 23:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 1868
 Ion Ratio Lower Upper
 330 100
 332 104.8 77.0 115.6
 141 36.9 29.9 44.9

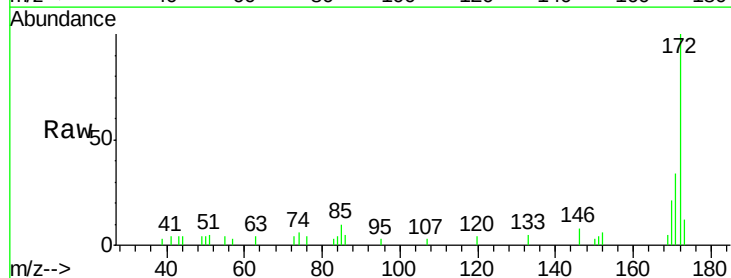


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

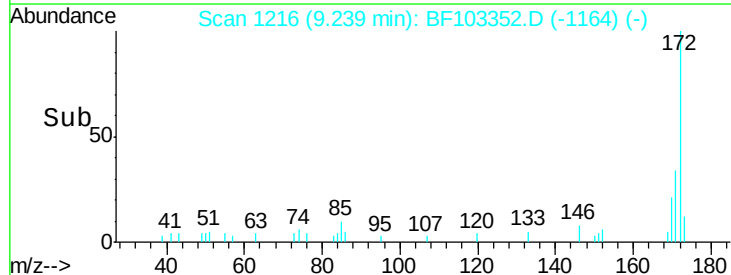
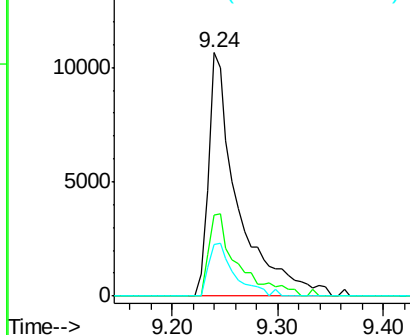


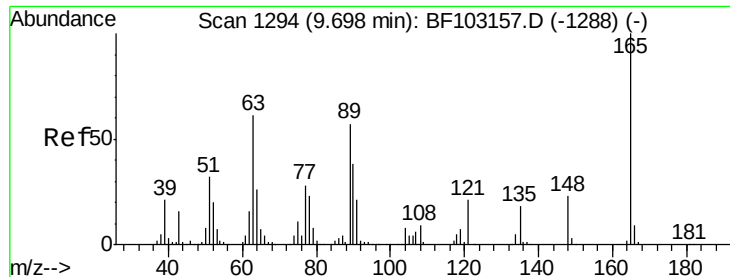
#44
 2-Fluorobiphenyl
 Concen: -1.000 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF103352.D
 Acq: 1 Mar 2018 23:04

Tgt Ion:172 Resp: 20597
 Ion Ratio Lower Upper
 172 100
 171 33.5 29.7 44.5
 170 21.3 19.6 29.4



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

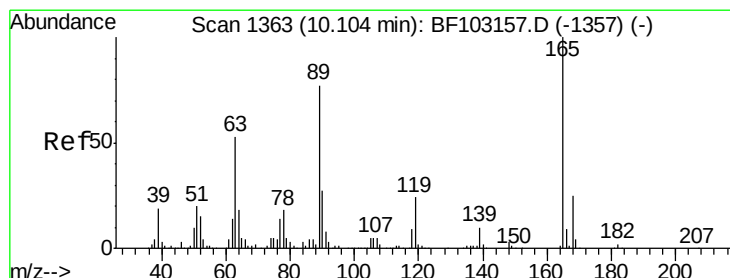
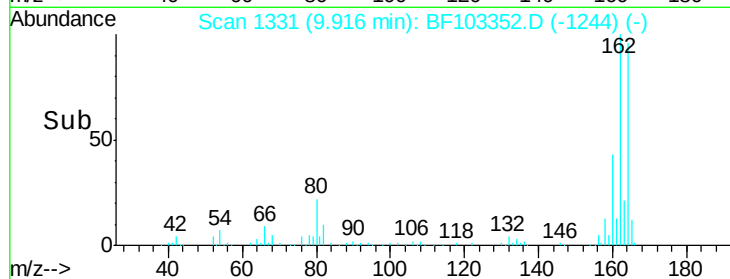
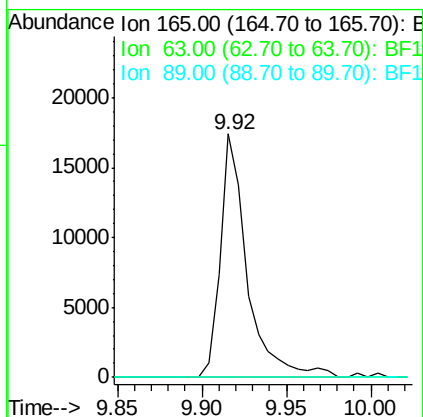
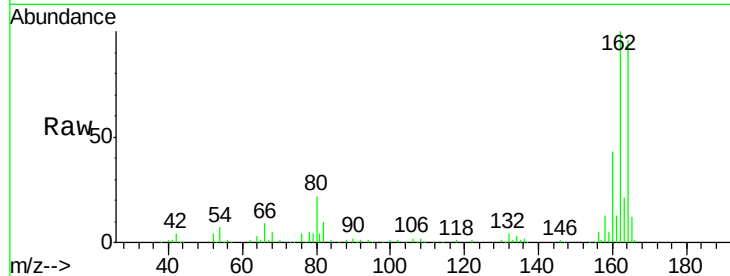




#50
 2,6-Dinitrotoluene
 Concen: 7.395 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF103352.D
 Acq: 1 Mar 2018 23:04

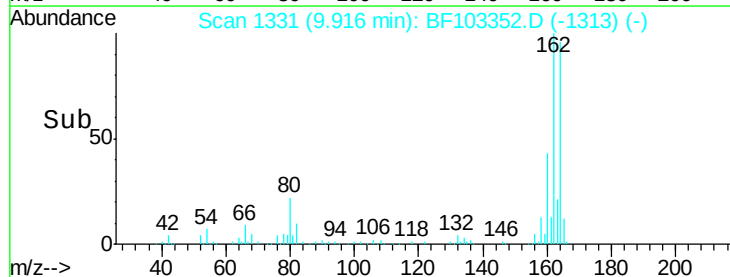
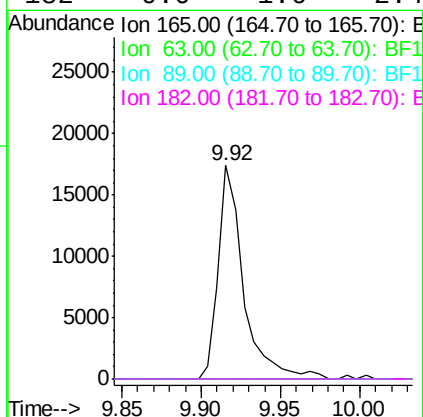
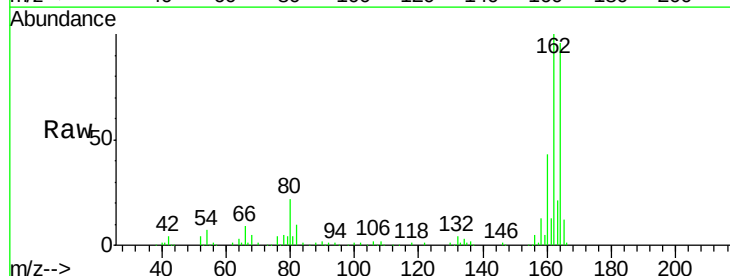
Instrument :
 BNA_F
 ClientSampleId :

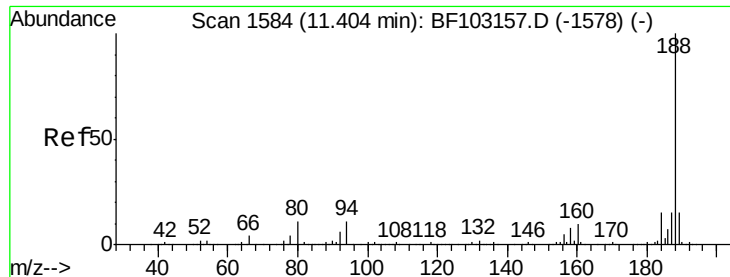
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.847 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF103352.D
 Acq: 1 Mar 2018 23:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF103352.D

Acq: 1 Mar 2018 23:04

Instrument :

BNA_F

ClientSampleId :

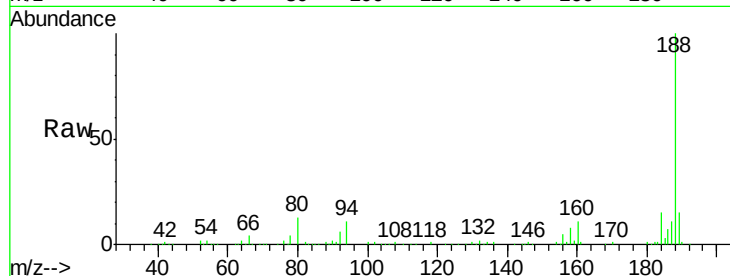
Tot Ion:188 Resp: 259222

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

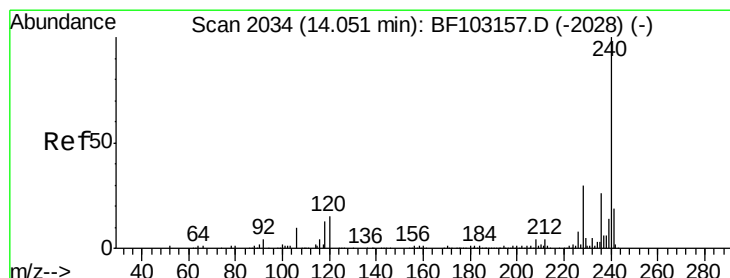
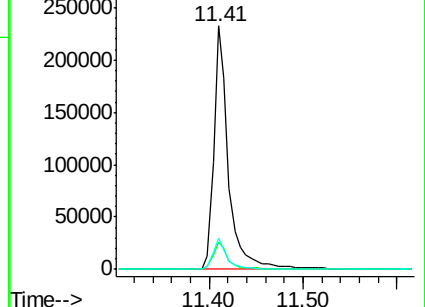
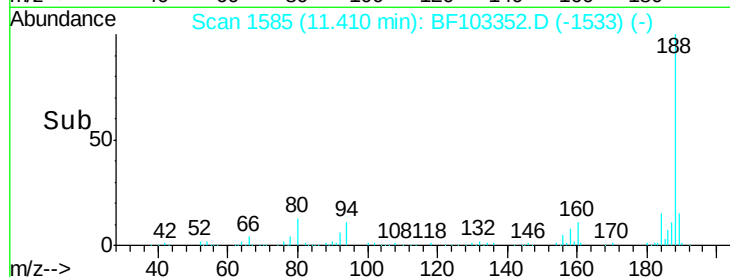
80 12.8 9.2 13.8



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: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF103352.D

Acq: 1 Mar 2018 23:04

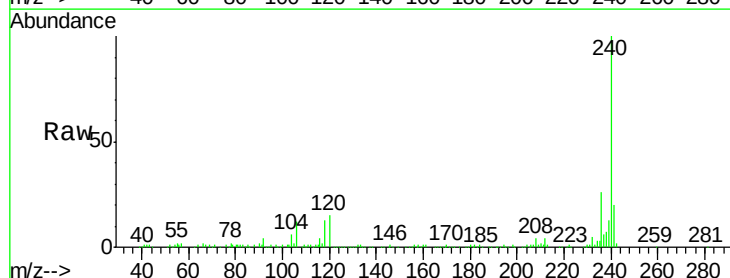
Tgt Ion:240 Resp: 178193

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

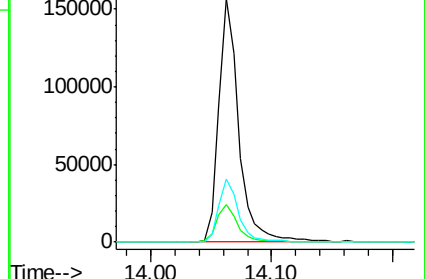
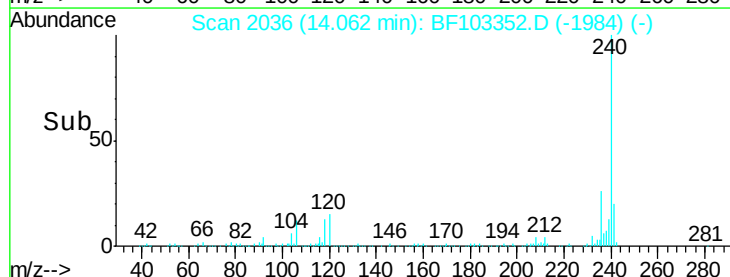
236 26.2 20.7 31.1

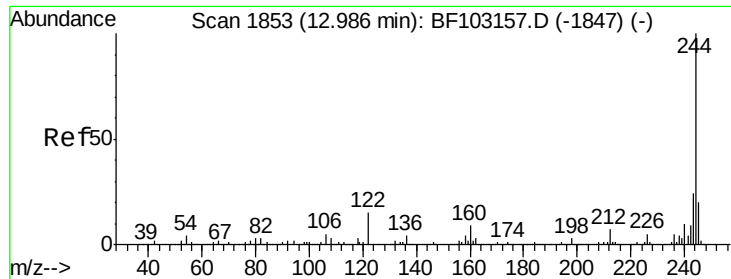


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 2.424 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BF103352.D

Acq: 1 Mar 2018 23:04

Instrument :

BNA_F

ClientSampleId :

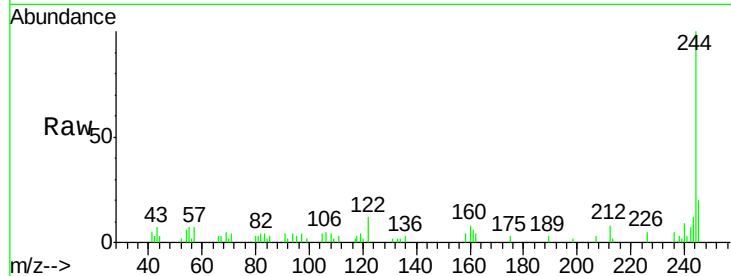
Tot Ion:244 Resp: 17965

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

122 11.8 11.0 16.4

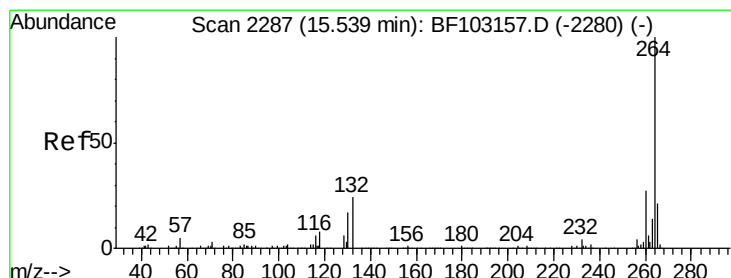
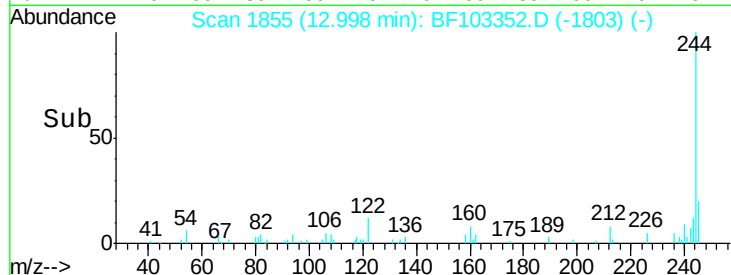


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 12.95 13.00 13.05



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. 0.02 min

Lab File: BF103352.D

Acq: 1 Mar 2018 23:04

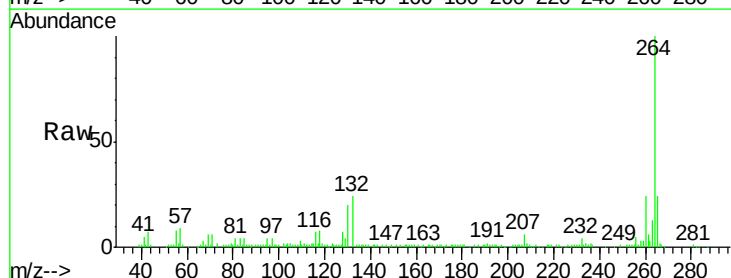
Tgt Ion:264 Resp: 125694

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 23.8 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

Time--> 15.50 15.60 15.70

