

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117046.D
 Acq On : 14 Sep 2019 1:59
 Operator : HP/JU
 Sample : K4862-10 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 05:47:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

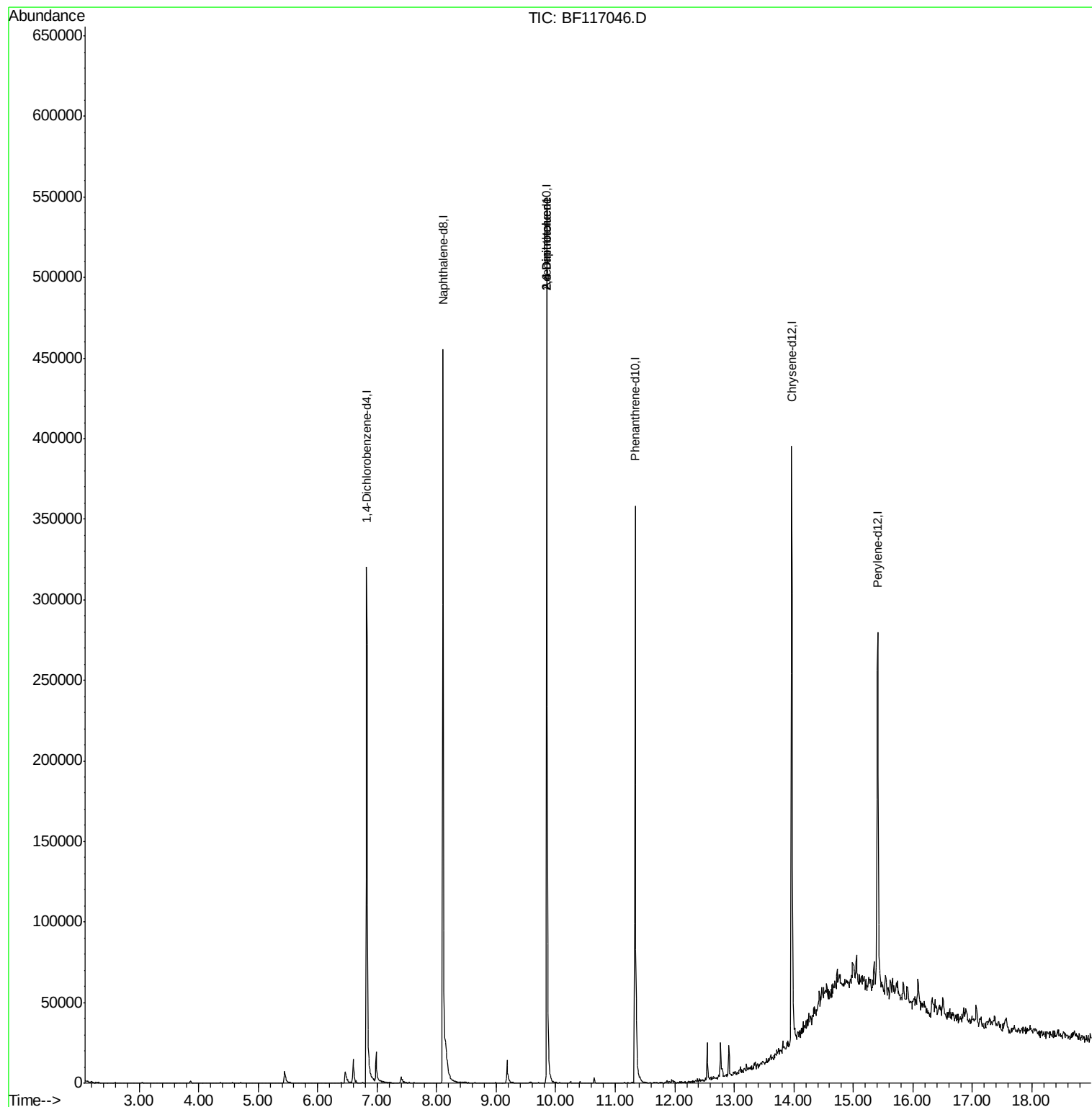
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	64519	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	283089	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	129849	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	172486	20.00	ng	0.00
76) Chrysene-d12	13.96	240	128954	20.00	ng	-0.01
87) Perylene-d12	15.41	264	98780	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	6079	1.47	ng	0.01
7) Phenol-d6	6.46	99	8257	1.55	ng	0.00
23) Nitrobenzene-d5	7.40	82	5341	0.99	ng	0.01
42) 2,4,6-Tribromophenol	10.65	330	966	0.89	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	12924	1.56	ng	0.00
79) Terphenyl-d14	12.91	244	9396	1.36	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.85	165	16395	8.756	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	16395	6.745	ng	# 18

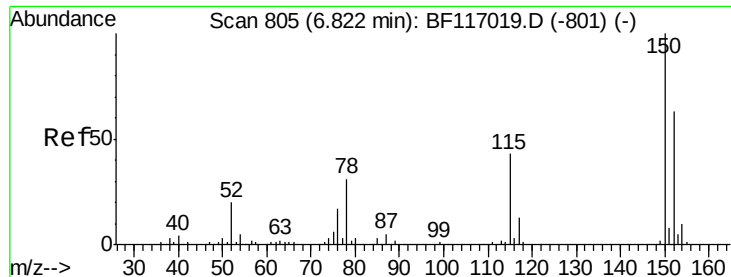
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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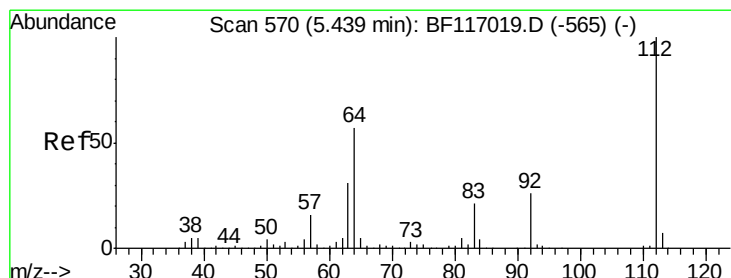
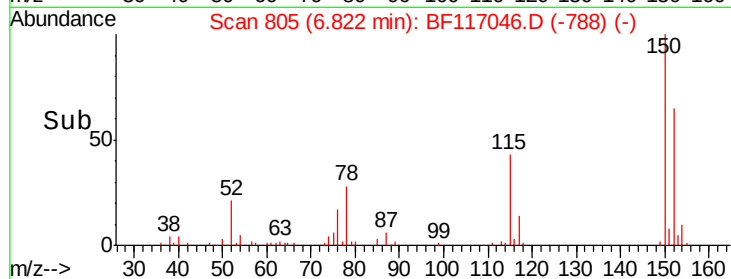
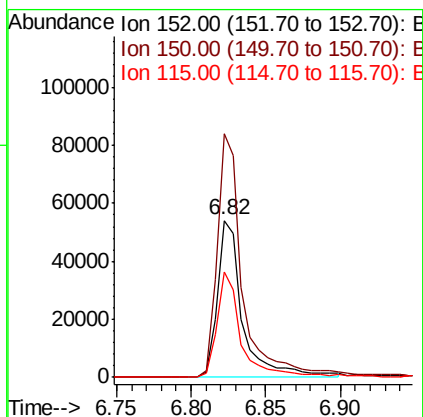
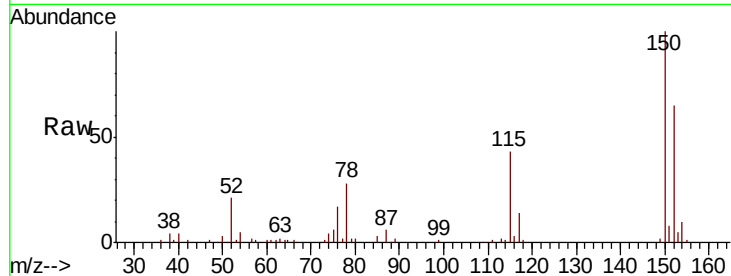


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117046.D
Acq: 14 Sep 2019 1:59

Instrument :
BNA_F
ClientSampleId :

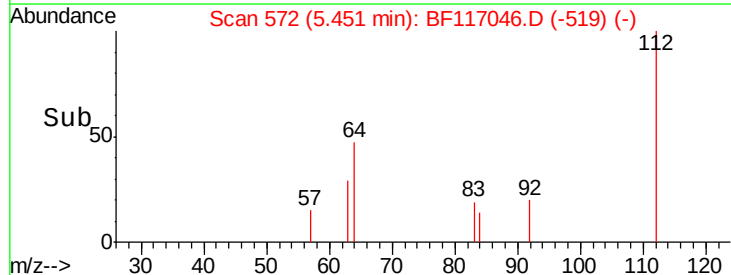
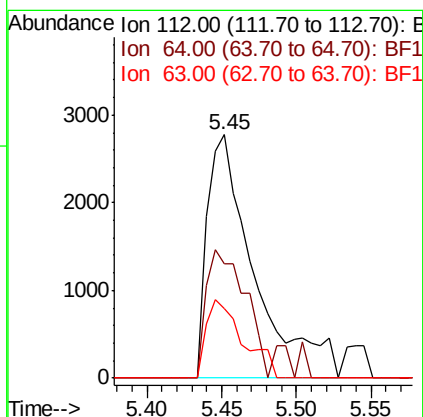
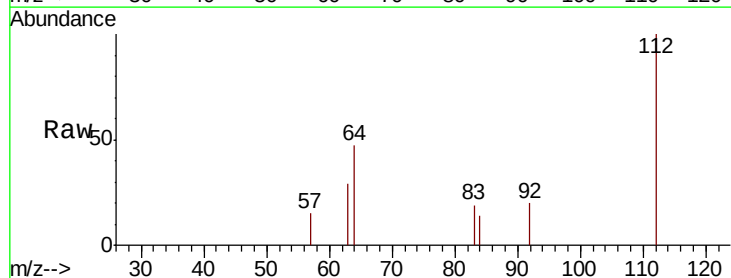
Tot Ion:152 Resp: 64519
Ion Ratio Lower Upper
152 100
150 155.0 127.5 191.3
115 66.9 55.0 82.4

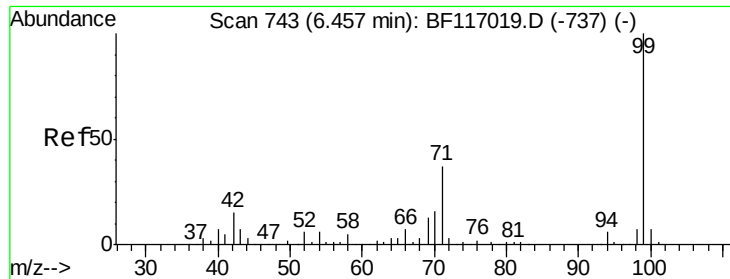


#5

2-Fluorophenol
Concen: 1.471 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF117046.D
Acq: 14 Sep 2019 1:59

Tgt Ion:112 Resp: 6079
Ion Ratio Lower Upper
112 100
64 47.1 45.7 68.5
63 28.8 24.9 37.3





#7

Phenol-d6

Concen: 1.546 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117046.D

Acq: 14 Sep 2019 1:59

Instrument :

BNA_F

ClientSampleId :

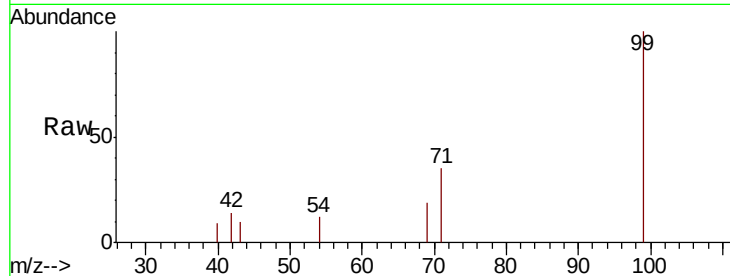
Tot Ion: 99 Resp: 8257

Ion Ratio Lower Upper

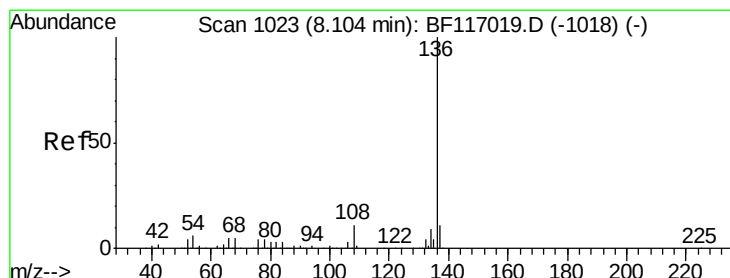
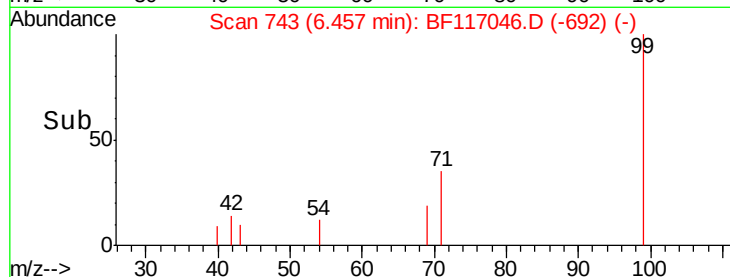
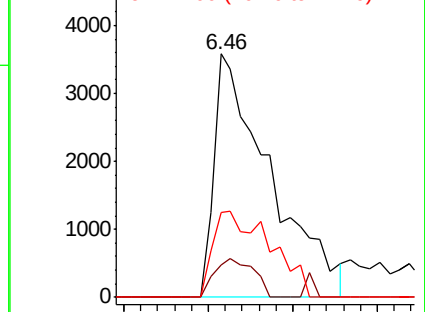
99 100

42 13.6 12.2 18.2

71 34.8 29.8 44.8



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: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117046.D

Acq: 14 Sep 2019 1:59

Tgt Ion: 136 Resp: 283089

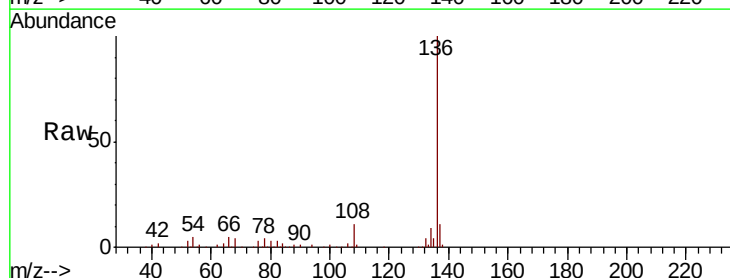
Ion Ratio Lower Upper

136 100

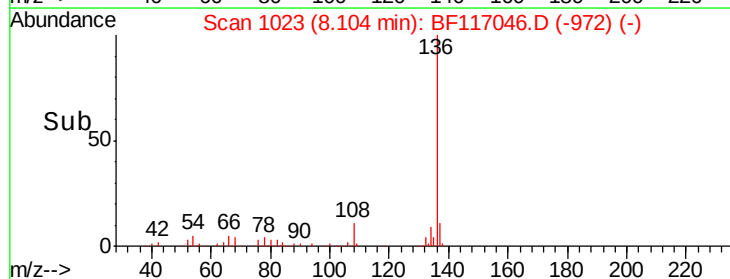
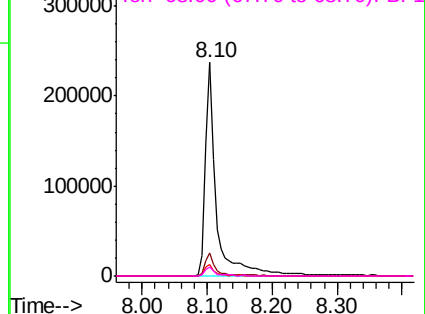
137 10.7 9.0 13.4

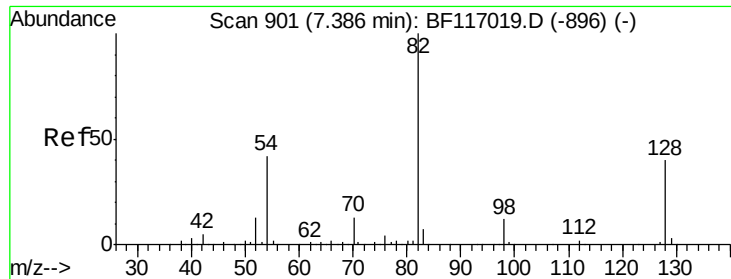
54 5.1 4.5 6.7

68 4.4 4.0 6.0



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

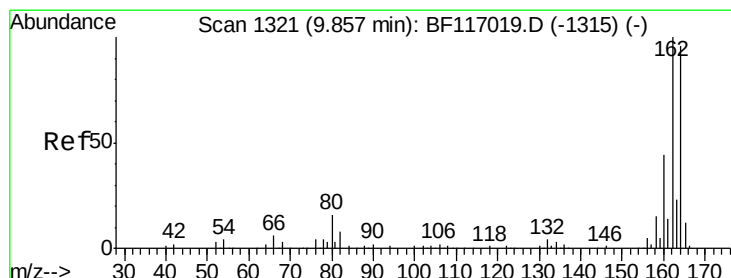
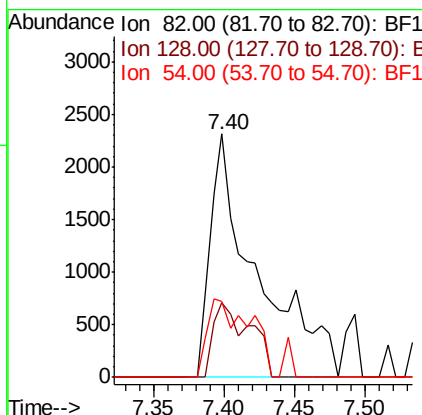
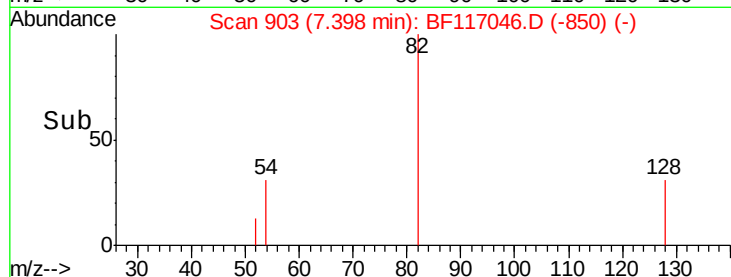
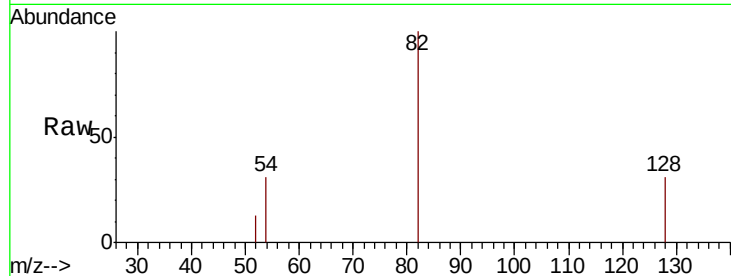




#23
 Nitrobenzene-d5
 Concen: 0.991 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.01 min
 Lab File: BF117046.D
 Acq: 14 Sep 2019 1:59

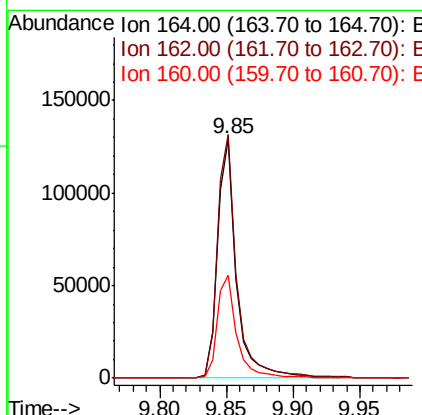
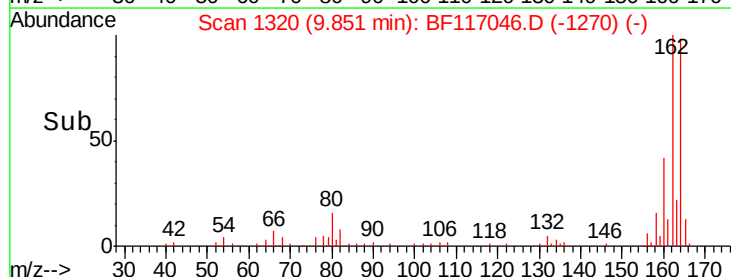
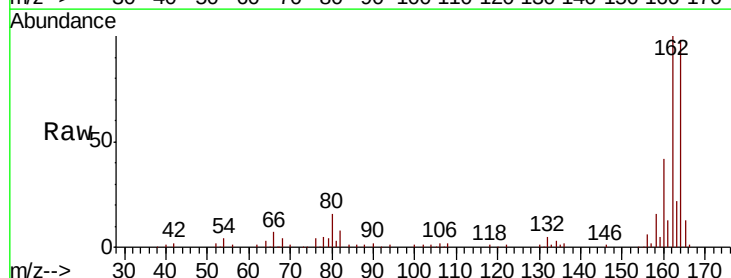
Instrument :
 BNA_F
 ClientSampleId :

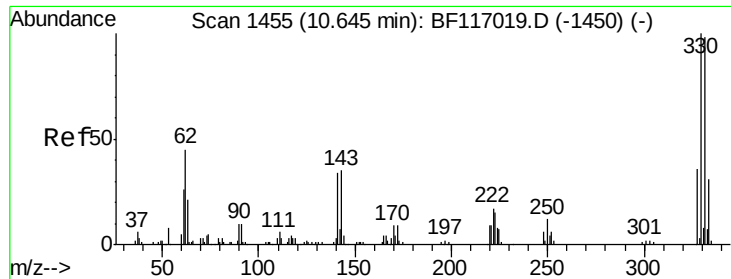
Tot Ion: 82 Resp: 5341
 Ion Ratio Lower Upper
 82 100
 128 30.8 32.3 48.5#
 54 31.1 33.3 49.9#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117046.D
 Acq: 14 Sep 2019 1:59

Tgt Ion: 164 Resp: 129849
 Ion Ratio Lower Upper
 164 100
 162 102.1 83.4 125.2
 160 43.0 36.4 54.6

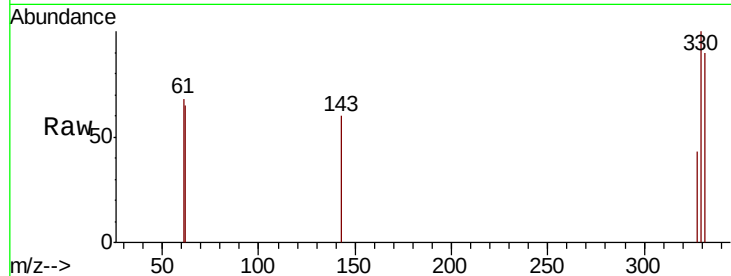




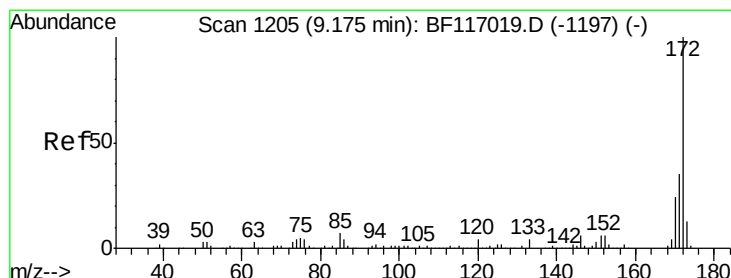
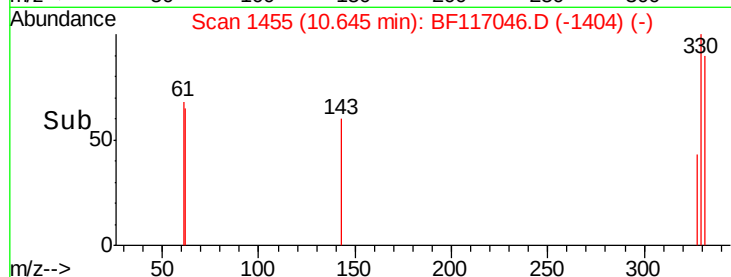
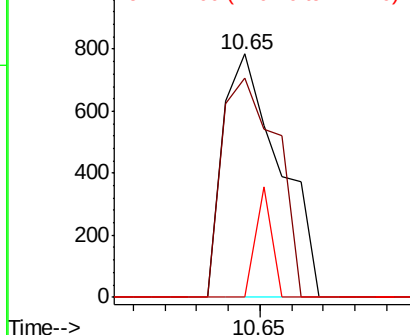
#42
 2,4,6-Tribromophenol
 Concen: 0.890 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF117046.D
 Acq: 14 Sep 2019 1:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 966
 Ion Ratio Lower Upper
 330 100
 332 87.5 78.0 117.0
 141 13.0 35.8 53.6#

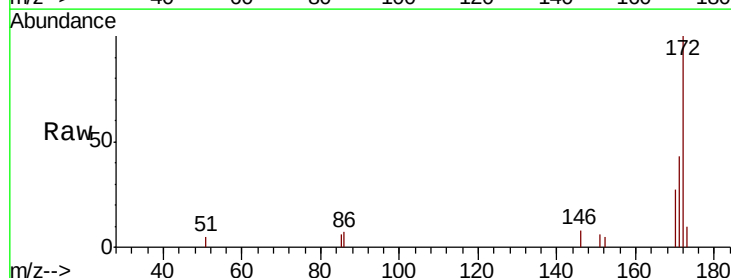


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

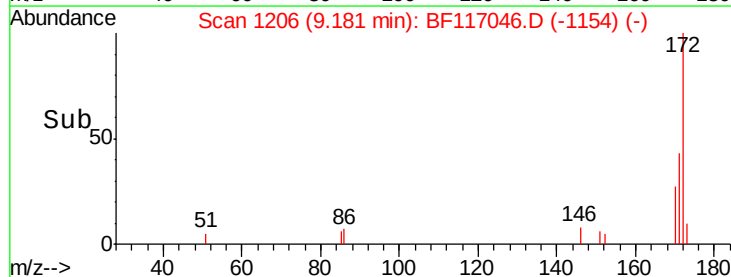
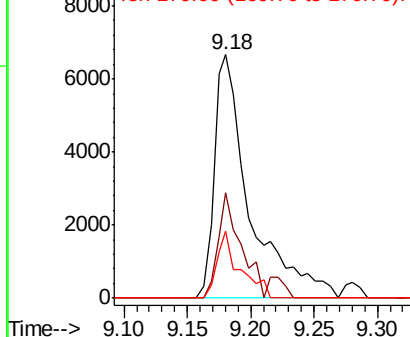


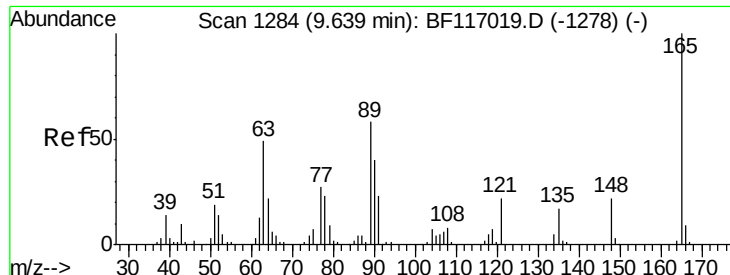
#45
 2-Fluorobiphenyl
 Concen: 1.556 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF117046.D
 Acq: 14 Sep 2019 1:59

Tgt Ion:172 Resp: 12924
 Ion Ratio Lower Upper
 172 100
 171 43.4 28.2 42.2#
 170 27.4 18.9 28.3



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

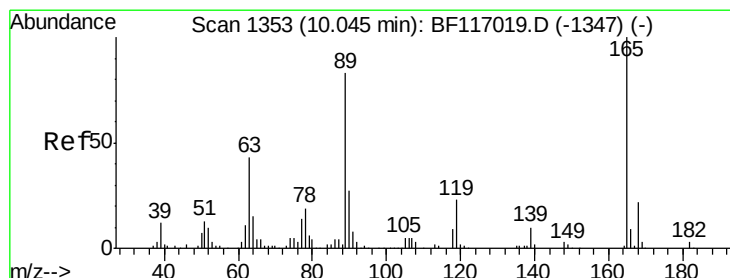
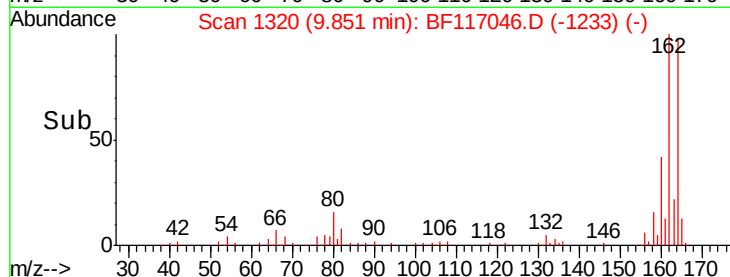
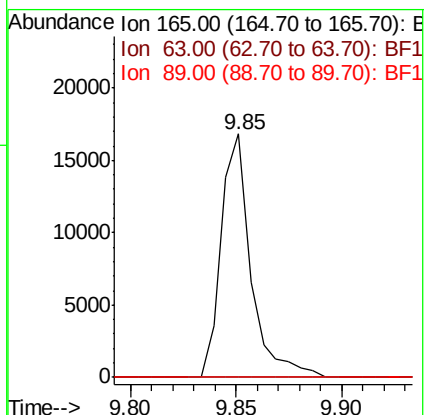
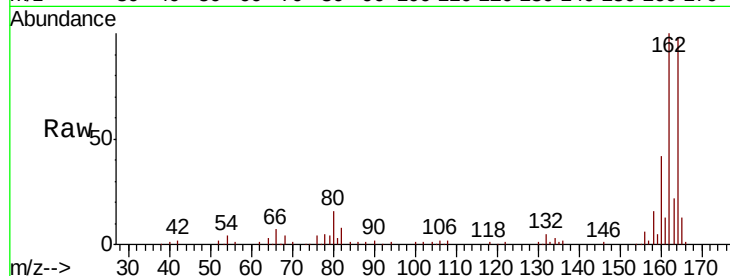




#51
 2,6-Dinitrotoluene
 Concen: 8.756 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.21 min
 Lab File: BF117046.D
 Acq: 14 Sep 2019 1:59

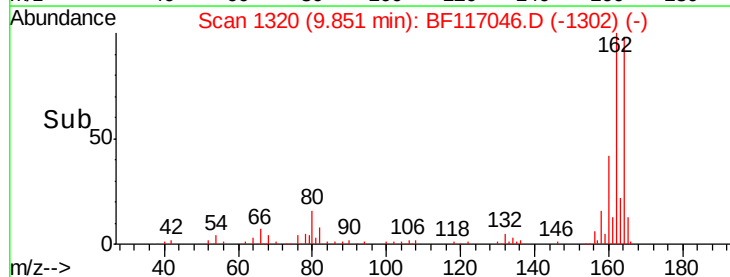
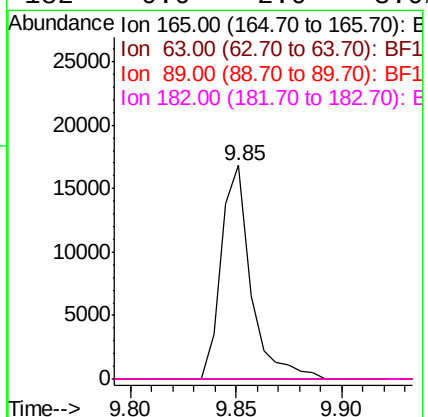
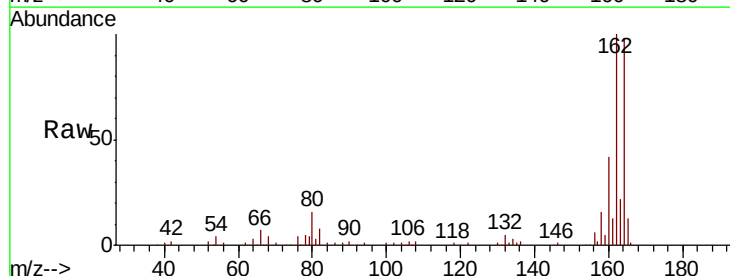
Instrument :
 BNA_F
 ClientSampleId :

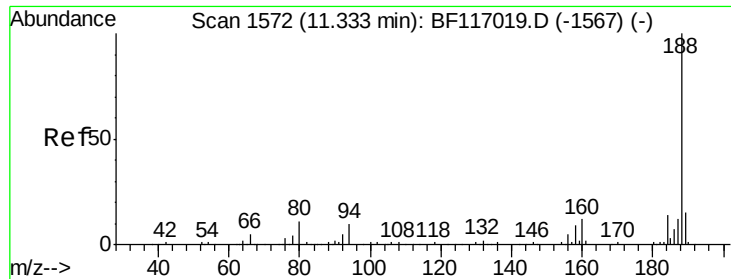
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#



#57
 2,4-Dinitrotoluene
 Concen: 6.745 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF117046.D
 Acq: 14 Sep 2019 1:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#

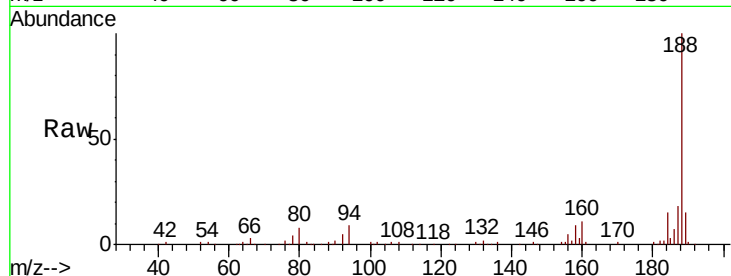




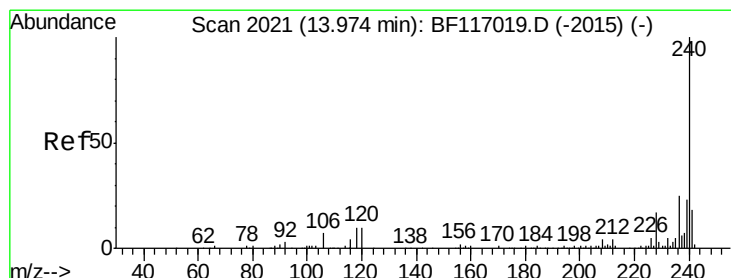
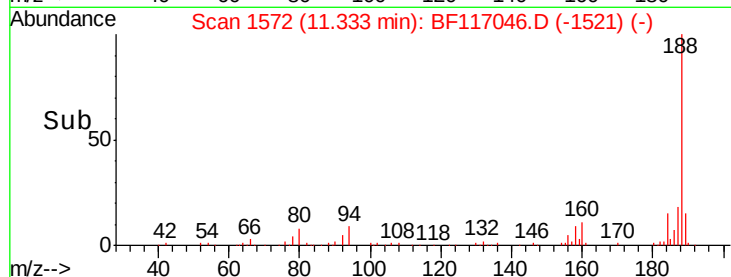
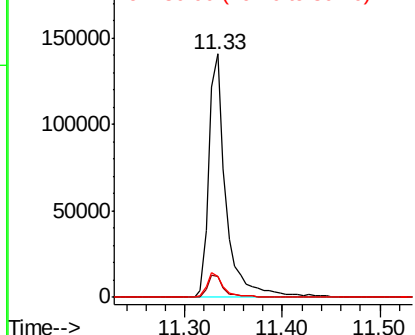
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117046.D
Acq: 14 Sep 2019 1:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	8.5	9.0	13.6

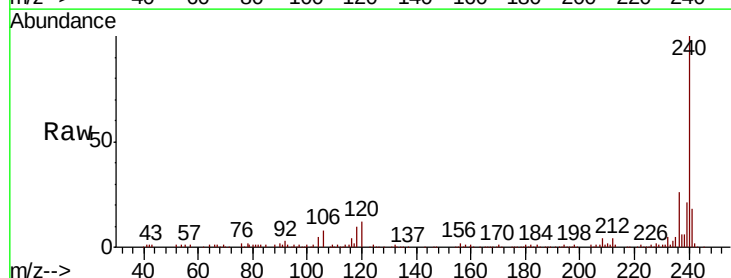


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

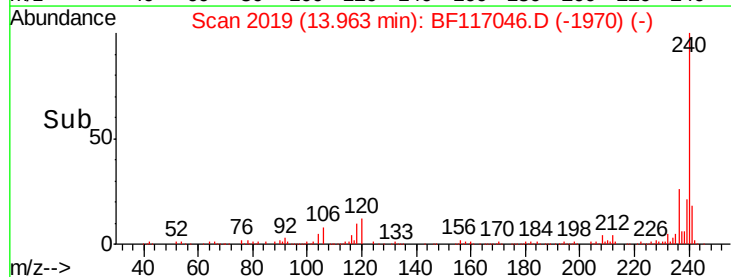
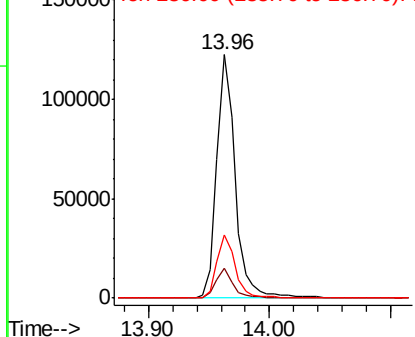


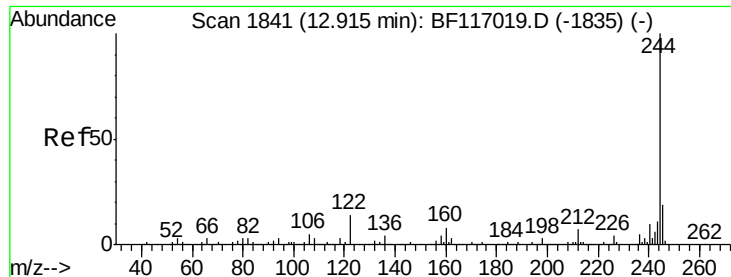
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117046.D
Acq: 14 Sep 2019 1:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.3	12.5
236	25.9	20.3	30.5



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





#79

Terphenyl-d14

Concen: 1.362 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117046.D

Acq: 14 Sep 2019 1:59

Instrument :

BNA_F

ClientSampled :

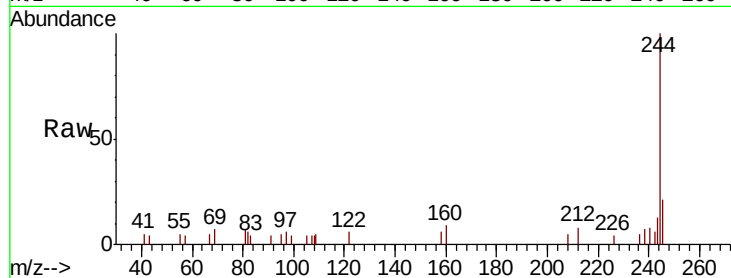
Tot Ion:244 Resp: 9396

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

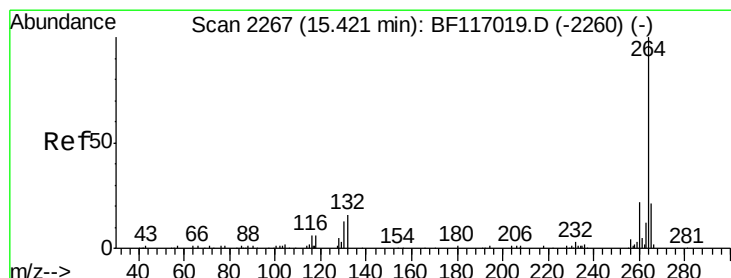
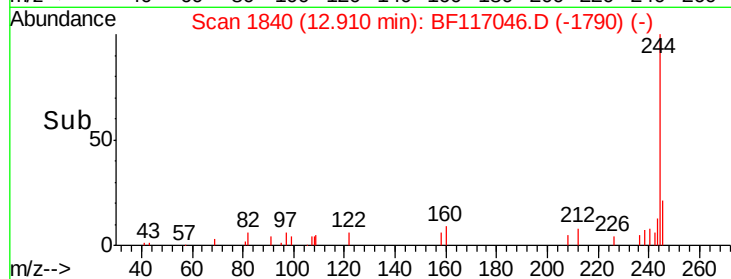
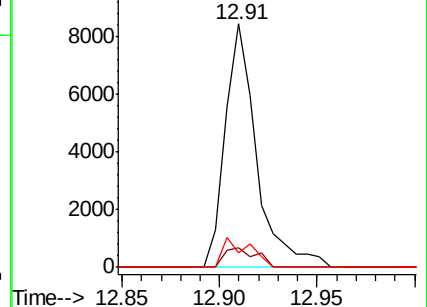
122 5.9 11.3 16.9#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF117046.D

Acq: 14 Sep 2019 1:59

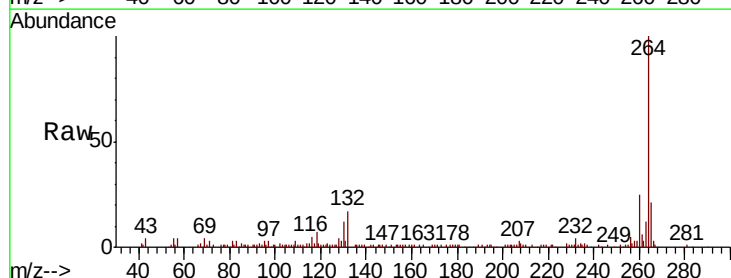
Tgt Ion:264 Resp: 98780

Ion Ratio Lower Upper

264 100

260 24.8 17.6 26.4

265 20.6 16.6 24.8



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

