

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107832.D
 Acq On : 31 Jul 2018 6:11
 Operator : JU/SJ
 Sample : J4184-01DL 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3BDL

Quant Time: Jul 31 07:18:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

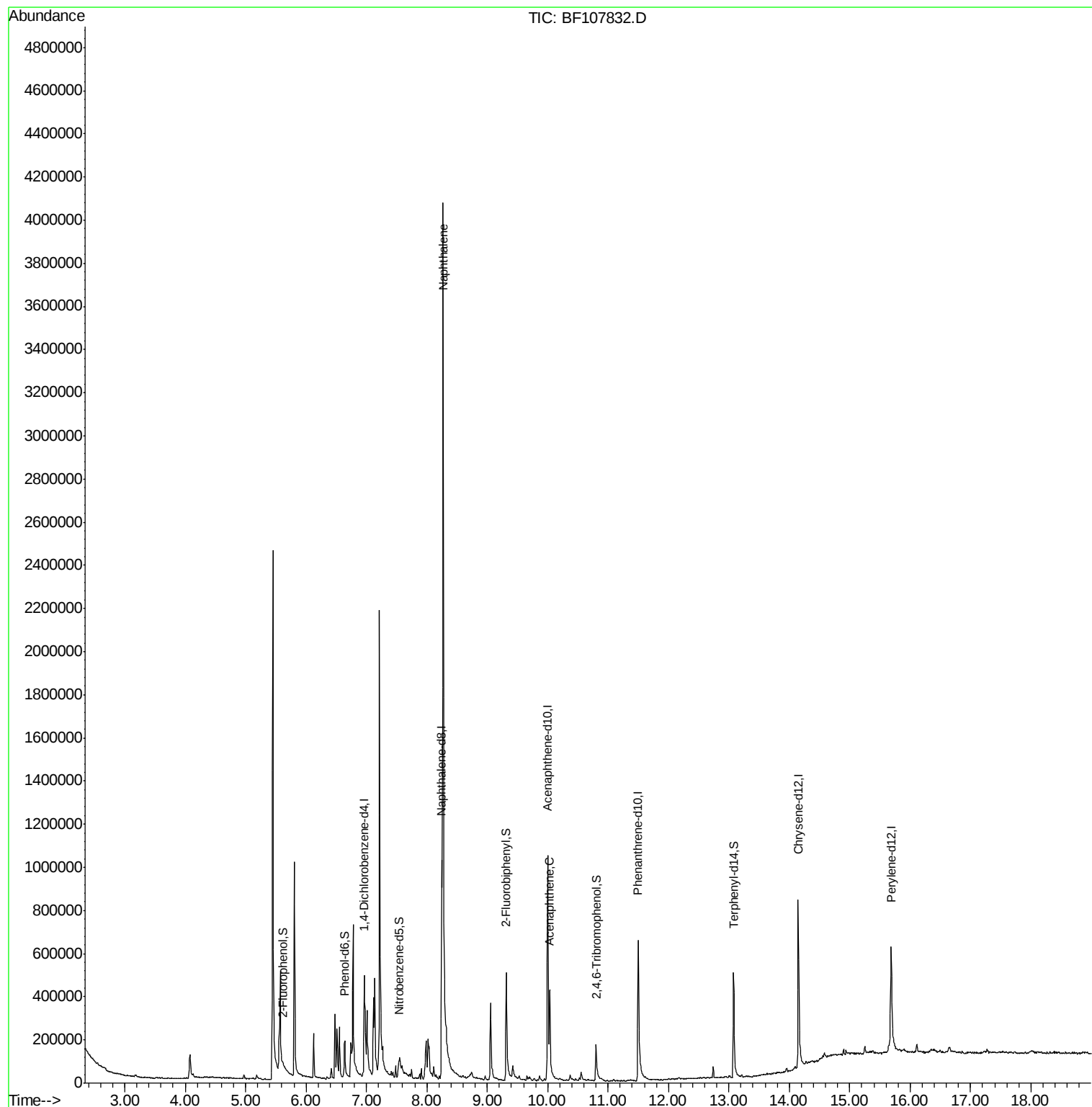
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	143039	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	639237	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	242843	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	419354	20.00	ng	0.00
75) Chrysene-d12	14.15	240	440901	20.00	ng	0.00
86) Perylene-d12	15.68	264	359053	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	31377	3.73	ng	0.02
7) Phenol-d6	6.65	99	22778	2.05	ng	0.04
23) Nitrobenzene-d5	7.54	82	92421	8.33	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	41599	12.61	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	270150	15.50	ng	0.00
78) Terphenyl-d14	13.08	244	229386	11.28	ng	0.00
Target Compounds						
31) Naphthalene	8.27	128	2568602	86.443	ng	98
51) Acenaphthene	10.04	154	115372	7.687	ng	99

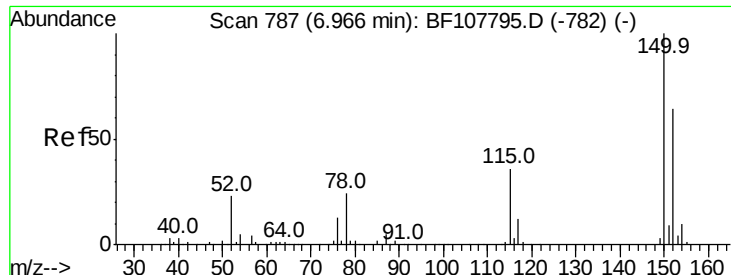
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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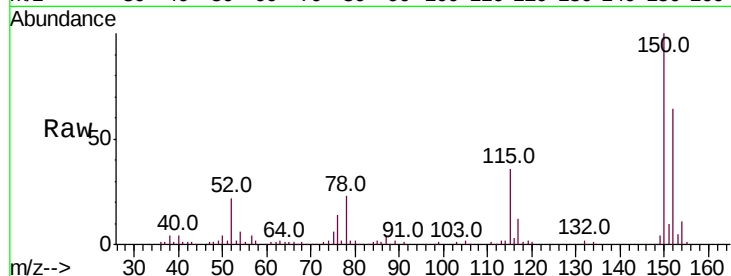


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107832.D
Acq: 31 Jul 2018 6:11

Instrument :
BNA_F
ClientSampleId :
MW-3BDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	56.3	50.1	75.1

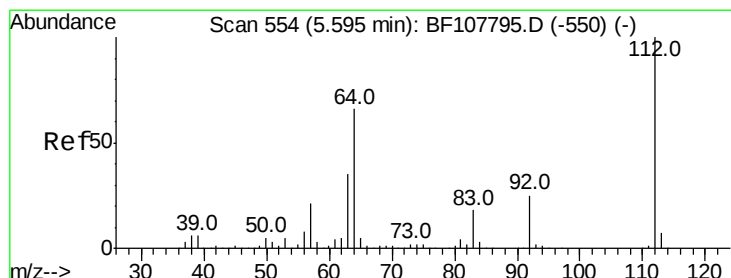
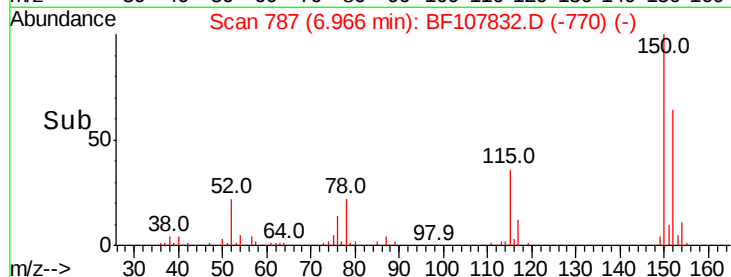
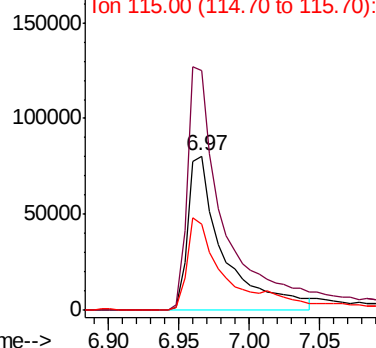


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

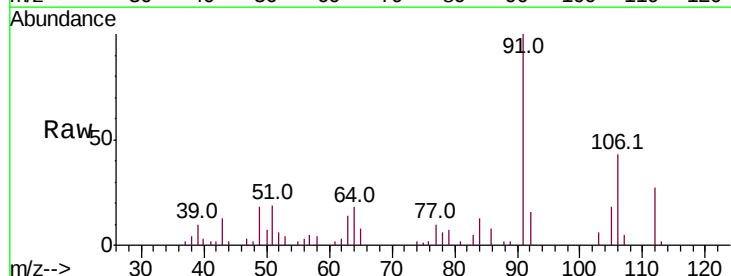
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 3.728 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF107832.D
Acq: 31 Jul 2018 6:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	47.9	71.9
63	50.1	23.7	35.5

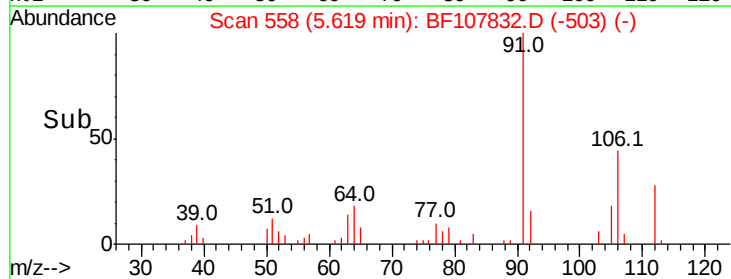
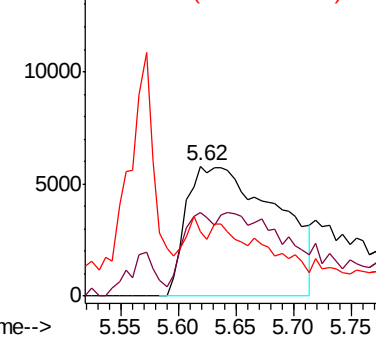


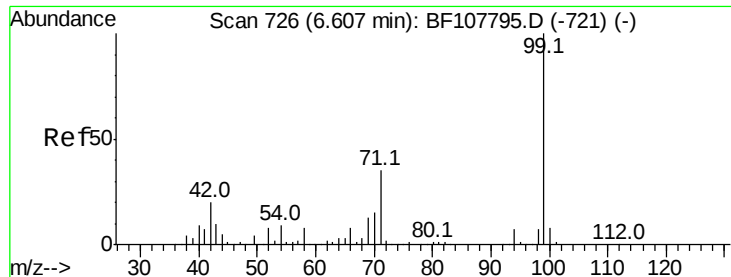
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 2.054 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.04 min

Lab File: BF107832.D

Acq: 31 Jul 2018 6:11

Instrument :

BNA_F

ClientSampleId :

MW-3BDL

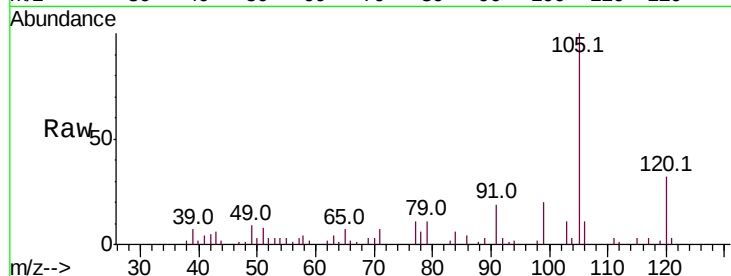
Tot Ion: 99 Resp: 22778

Ion Ratio Lower Upper

99 100

42 24.7 14.5 21.7#

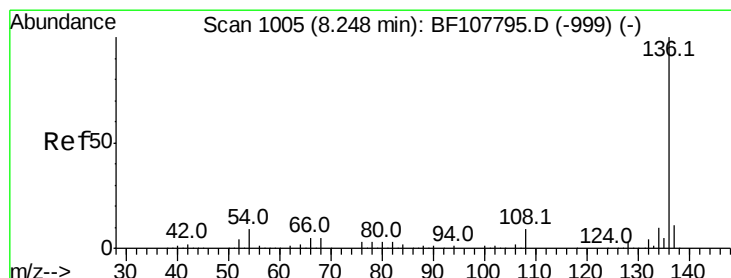
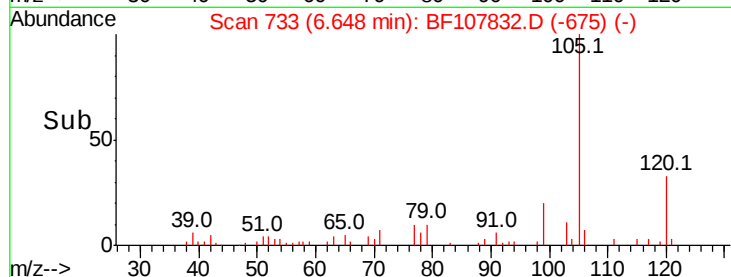
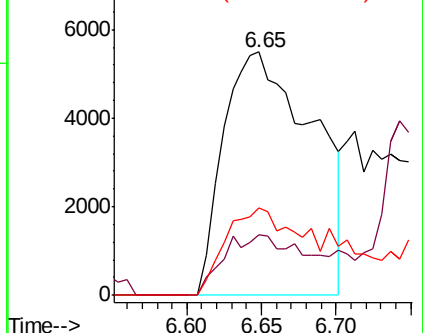
71 35.9 25.4 38.0



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: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF107832.D

Acq: 31 Jul 2018 6:11

Tgt Ion: 136 Resp: 639237

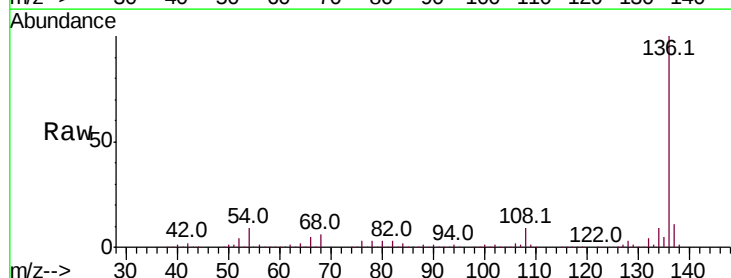
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.8 6.6 9.8

68 6.2 5.0 7.4

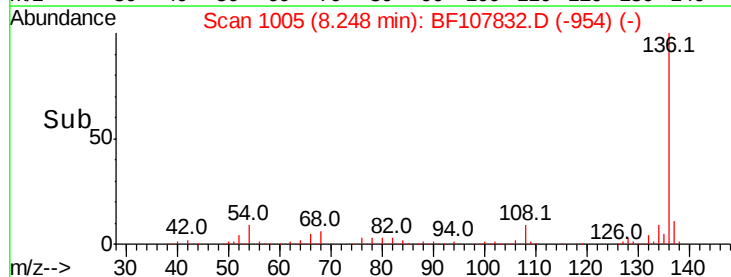
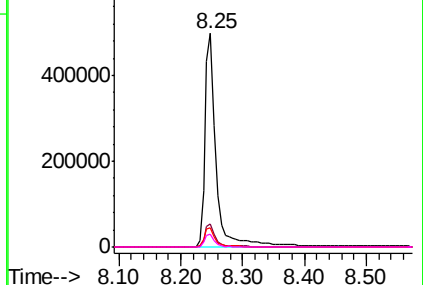


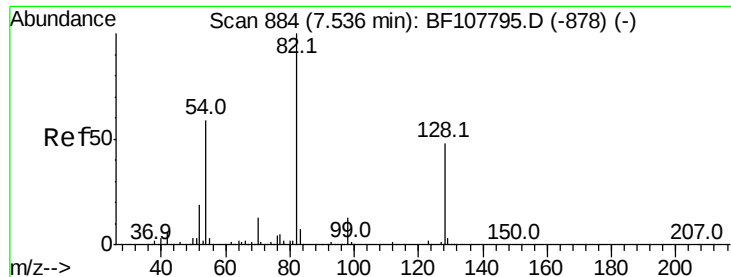
Abundance Ion 136.00 (135.70 to 136.70): E

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

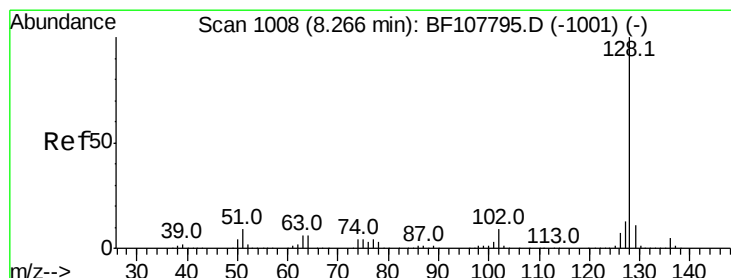
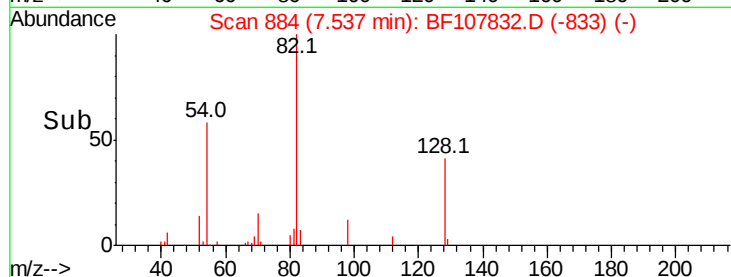
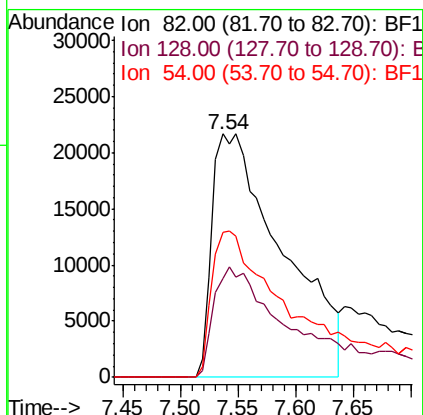
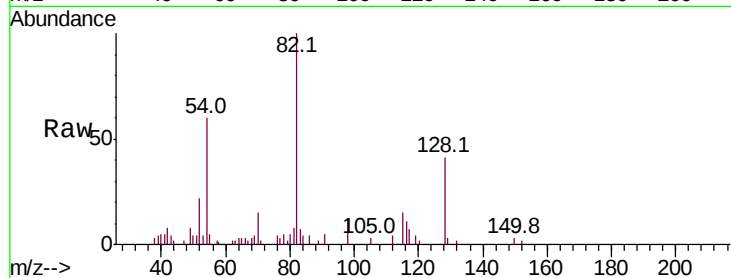




#23
Nitrobenzene-d5
Concen: 8.329 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF107832.D
Acq: 31 Jul 2018 6:11

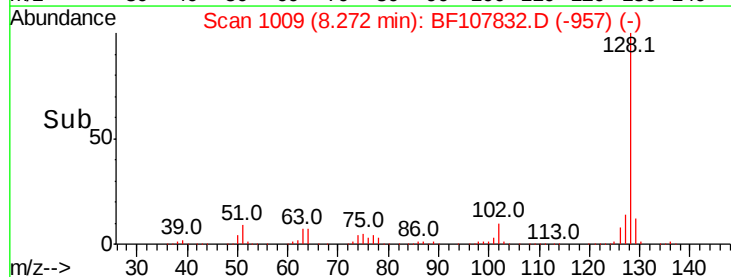
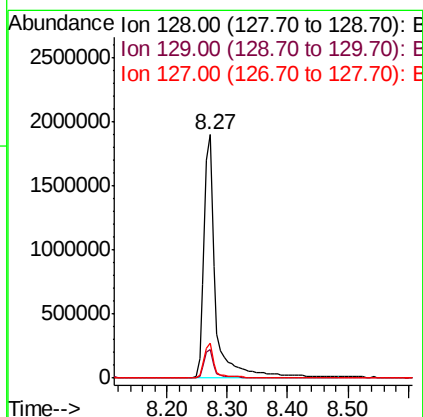
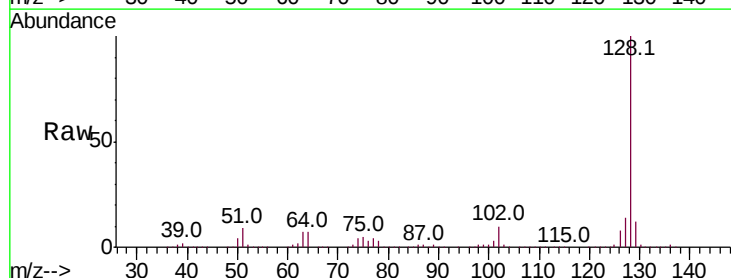
Instrument :
BNA_F
ClientSampleId :
MW-3BDL

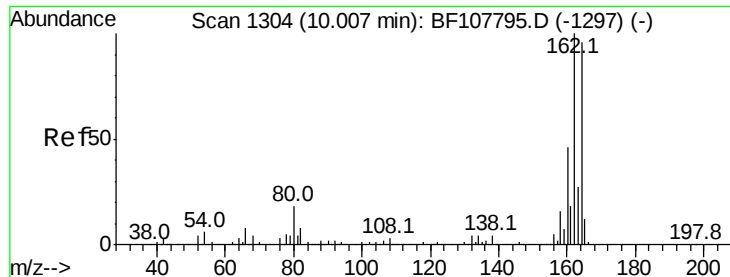
Tot Ion: 82 Resp: 92421
Ion Ratio Lower Upper
82 100
128 40.7 36.1 54.1
54 59.5 41.4 62.2



#31
Naphthalene
Concen: 86.443 ng
RT: 8.27 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF107832.D
Acq: 31 Jul 2018 6:11

Tgt Ion:128 Resp: 2568602
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 14.4 10.9 16.3

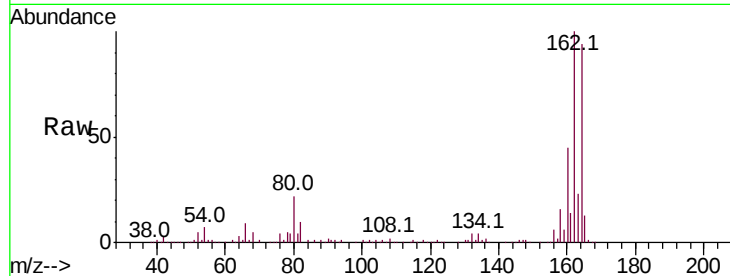




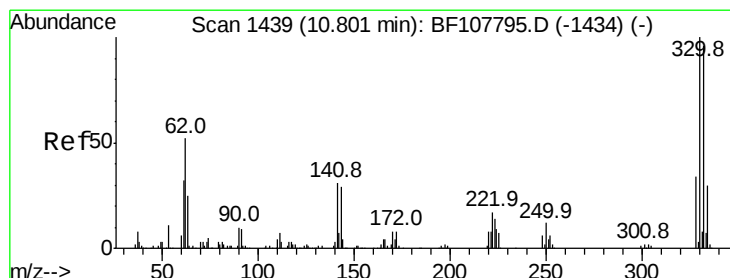
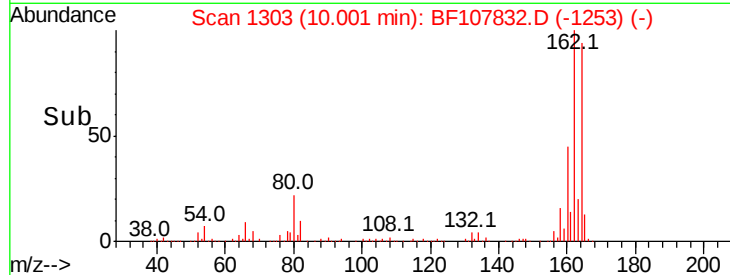
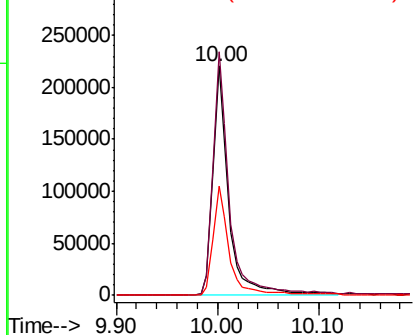
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107832.D
 Acq: 31 Jul 2018 6:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-3BDL

Tot Ion:164 Resp: 242843
 Ion Ratio Lower Upper
 164 100
 162 106.3 86.1 129.1
 160 47.8 38.3 57.5

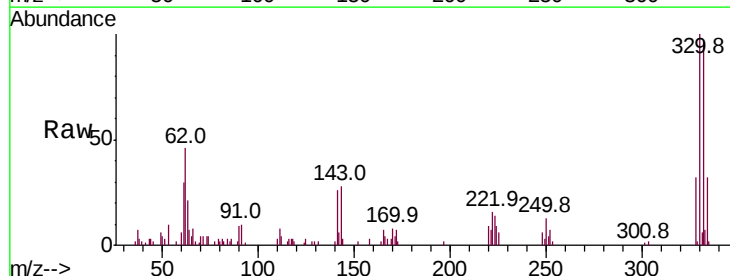


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

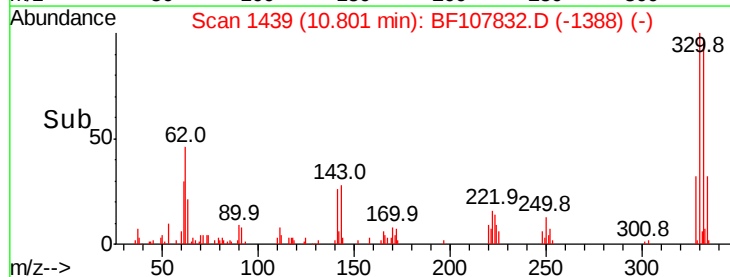
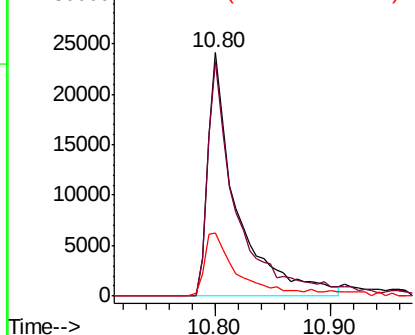


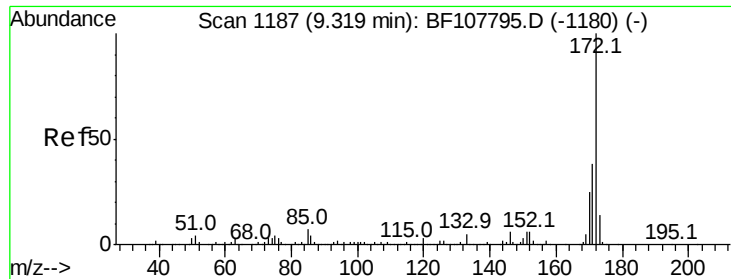
#41
 2,4,6-Tribromophenol
 Concen: 12.607 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107832.D
 Acq: 31 Jul 2018 6:11

Tgt Ion:330 Resp: 41599
 Ion Ratio Lower Upper
 330 100
 332 100.0 77.0 115.6
 141 29.6 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

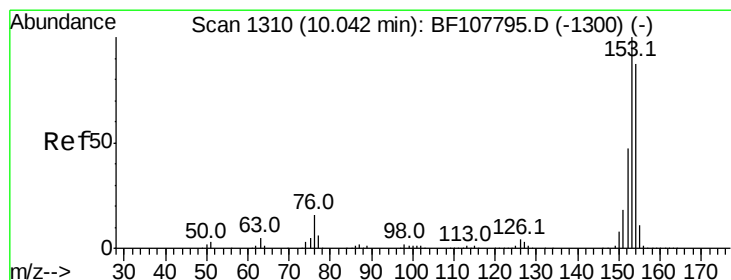
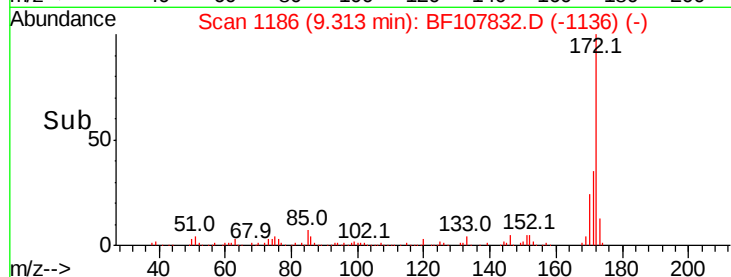
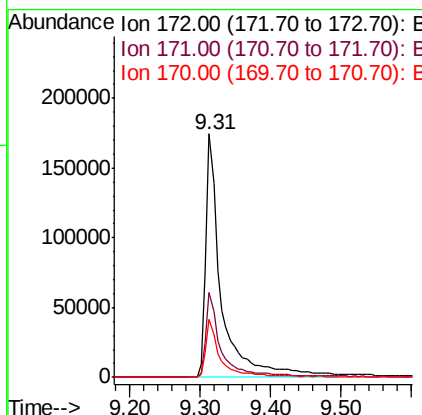
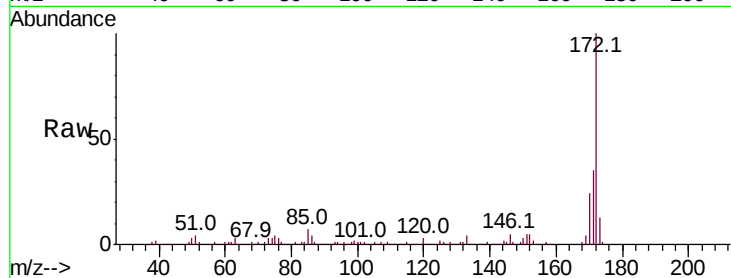




#44
 2-Fluorobiphenyl
 Concen: 15.502 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107832.D
 Acq: 31 Jul 2018 6:11

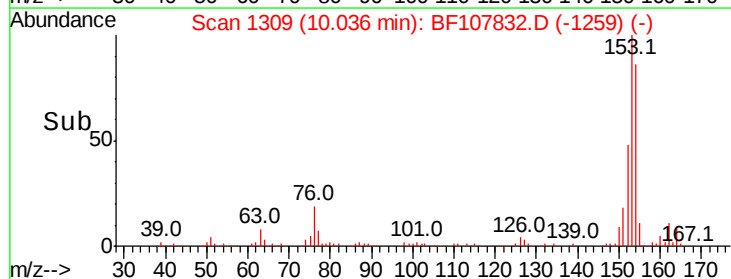
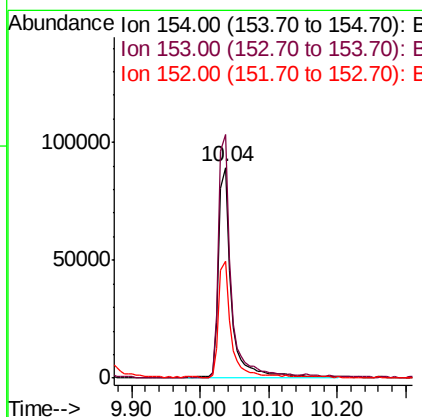
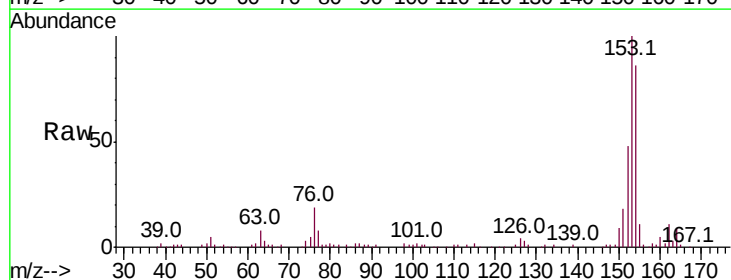
Instrument :
 BNA_F
 ClientSampleId :
 MW-3BDL

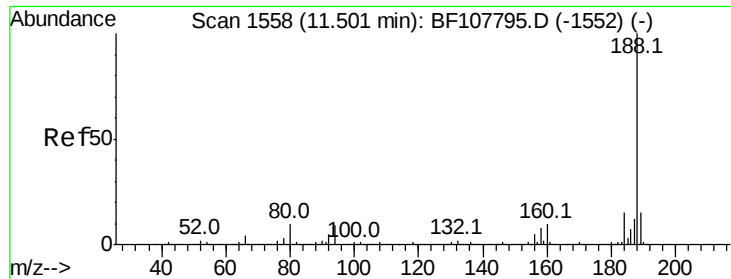
Tot Ion:172 Resp: 270150
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.7 44.5
 170 23.7 19.6 29.4



#51
 Acenaphthene
 Concen: 7.687 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF107832.D
 Acq: 31 Jul 2018 6:11

Tgt Ion:154 Resp: 115372
 Ion Ratio Lower Upper
 154 100
 153 115.6 91.2 136.8
 152 55.7 43.8 65.8

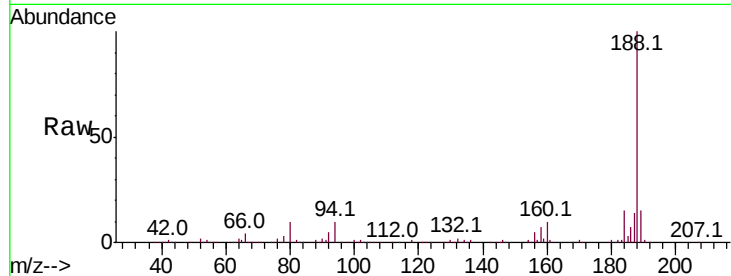




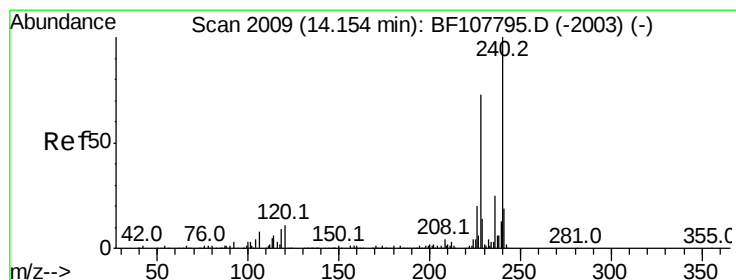
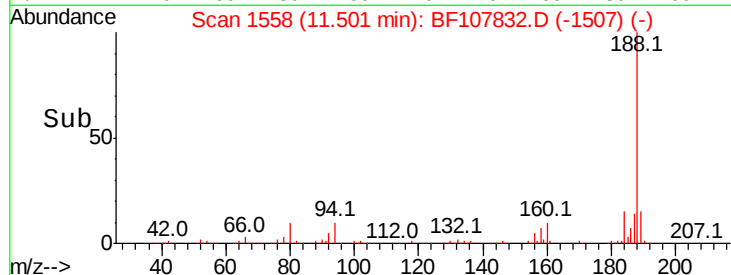
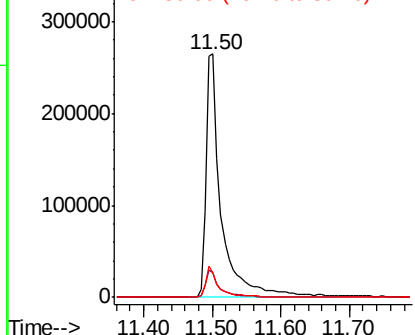
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107832.D
Acq: 31 Jul 2018 6:11

Instrument :
BNA_F
ClientSampleId :
MW-3BDL

Tot Ion:188 Resp: 419354
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.2 9.2 13.8

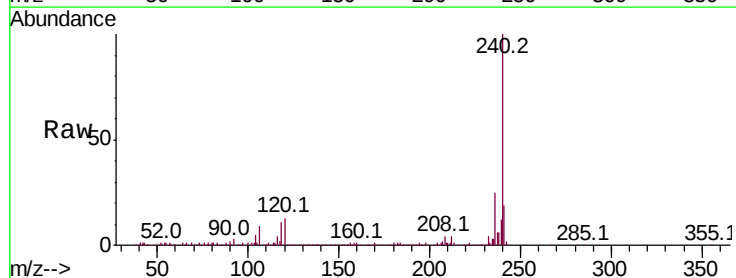


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

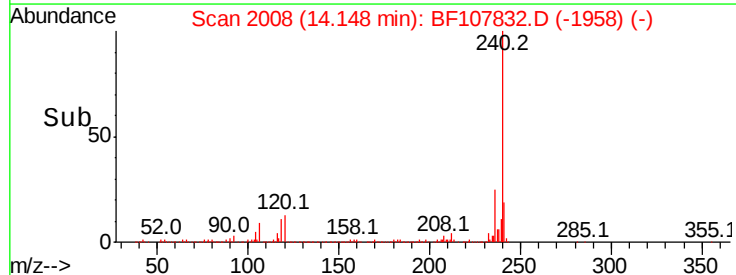
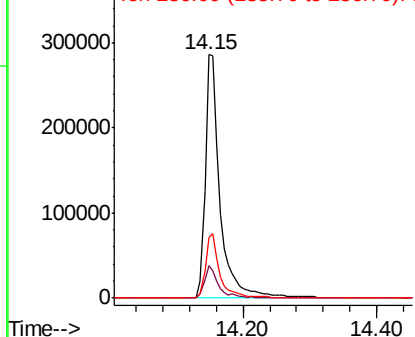


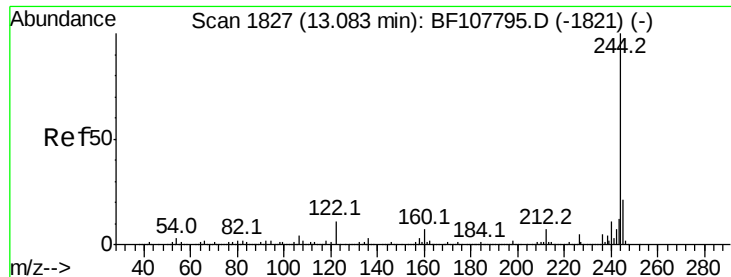
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107832.D
Acq: 31 Jul 2018 6:11

Tgt Ion:240 Resp: 440901
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 25.0 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: 11.282 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107832.D

Acq: 31 Jul 2018 6:11

Instrument :

BNA_F

ClientSampleId :

MW-3BDL

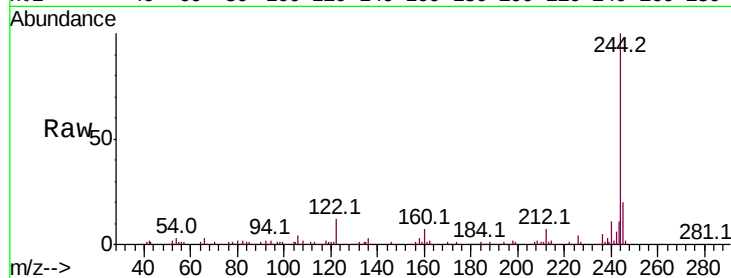
Tot Ion:244 Resp: 229386

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

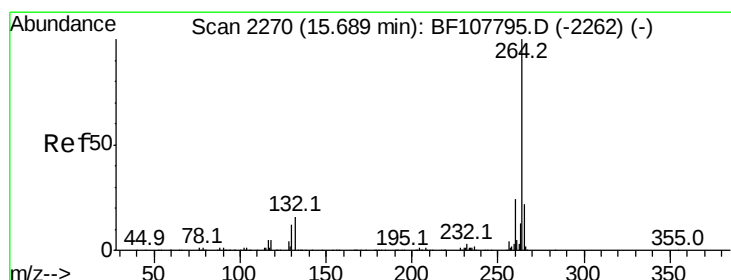
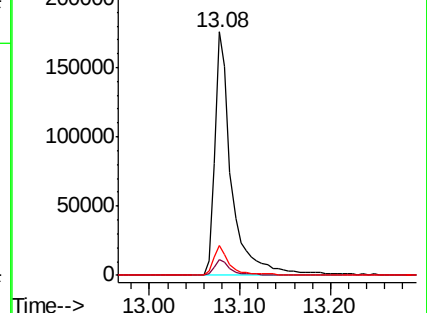
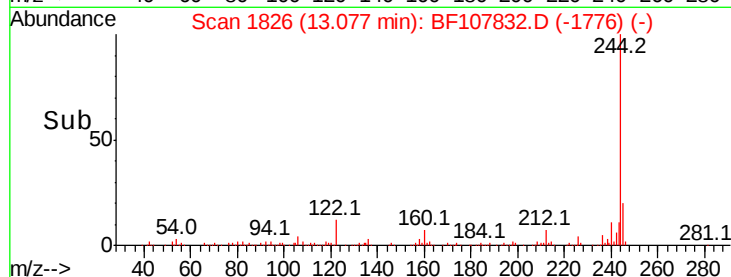
122 12.1 11.0 16.4



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: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF107832.D

Acq: 31 Jul 2018 6:11

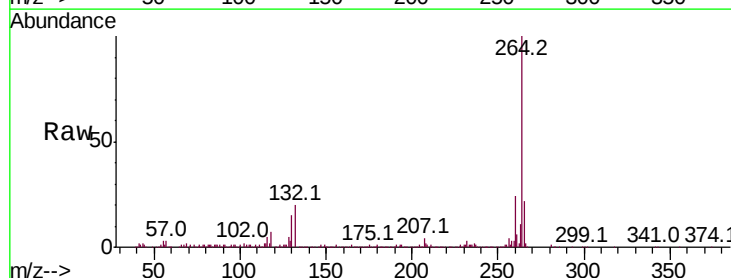
Tgt Ion:264 Resp: 359053

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.4 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

