

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107728.D
 Acq On : 27 Jul 2018 5:30
 Operator : JU/SJ
 Sample : J4163-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Jul 27 08:41:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

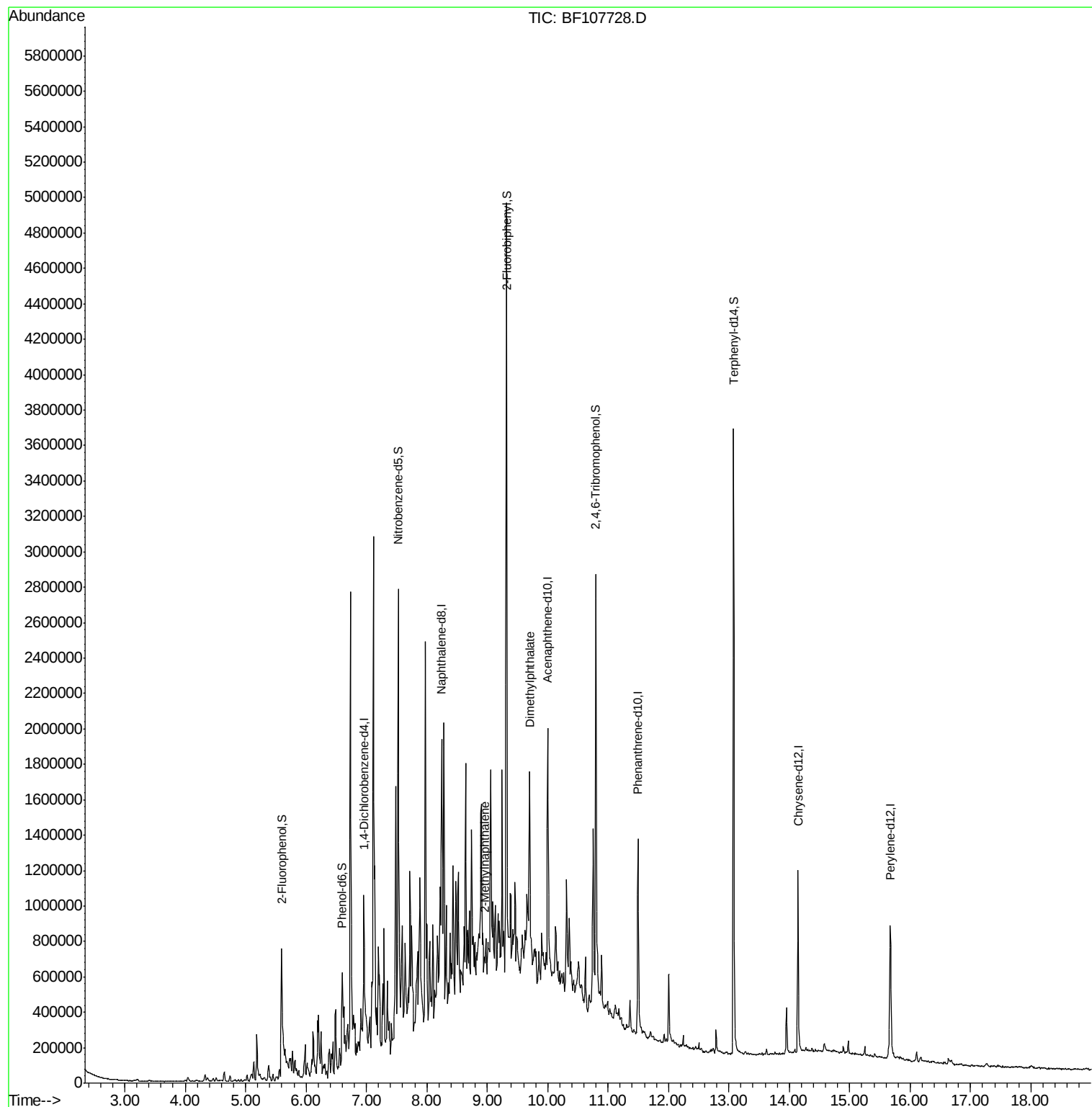
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	180410	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	687678	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	365972	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	525969	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	438029	20.00	ng	-0.02
86) Perylene-d12	15.67	264	467125	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	574205	51.17	ng	-0.01
7) Phenol-d6	6.60	99	476861	35.39	ng	-0.02
23) Nitrobenzene-d5	7.53	82	939018	92.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	438293	105.32	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1833142	86.08	ng	-0.02
78) Terphenyl-d14	13.08	244	1389413	81.21	ng	-0.02
Target Compounds						
37) 2-Methylnaphthalene	8.95	142	52586	2.509	ng	# 93
49) Dimethylphthalate	9.71	163	159832	5.795	ng	# 96

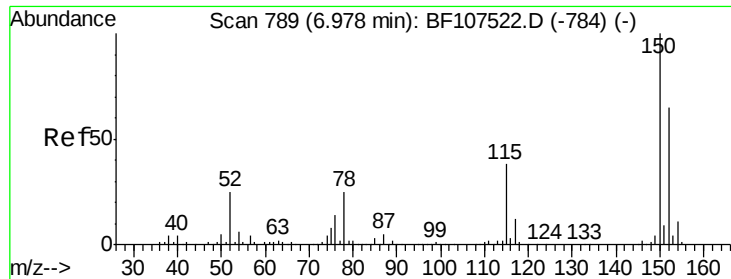
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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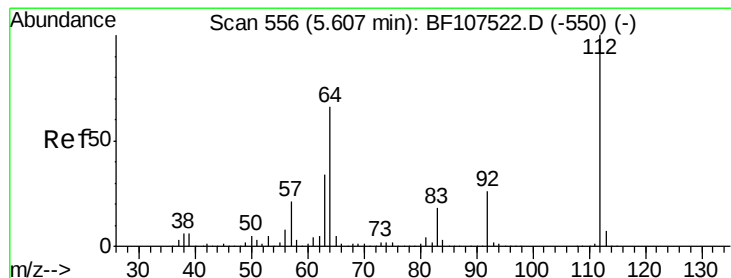
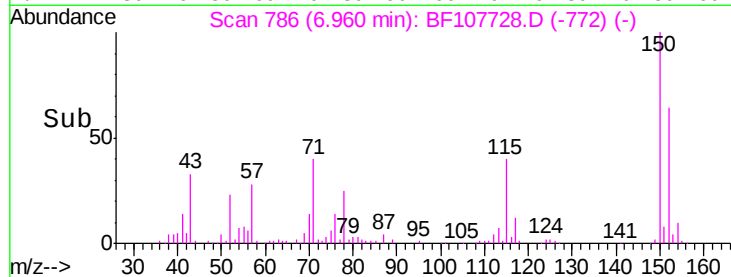
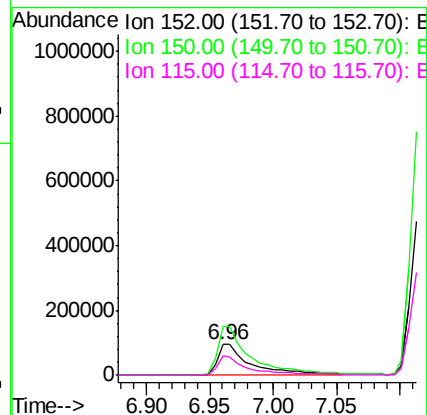
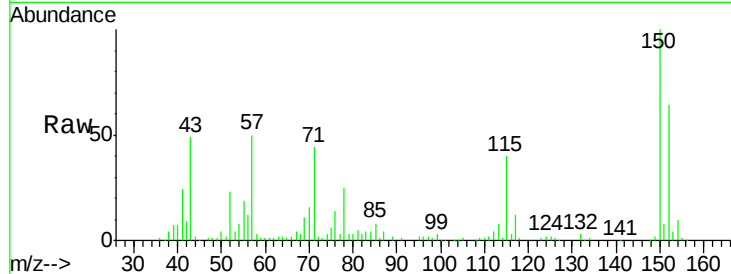


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107728.D
Acq: 27 Jul 2018 5:30

Instrument :
BNA_F
ClientSampleId :
MW-11

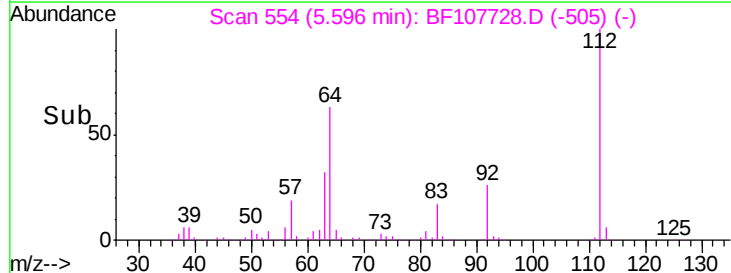
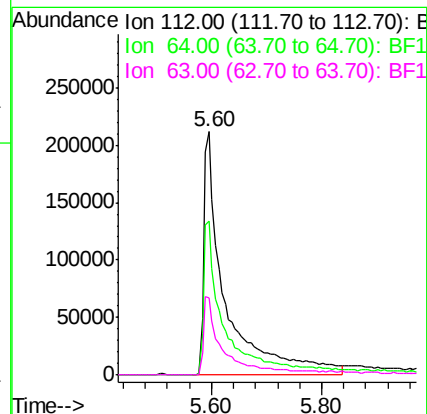
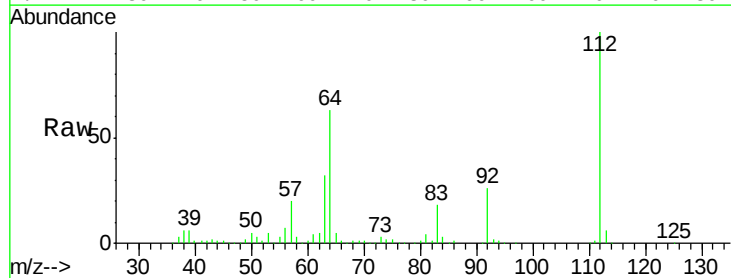
Tgt Ion:152 Resp: 180410
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 62.1 50.1 75.1

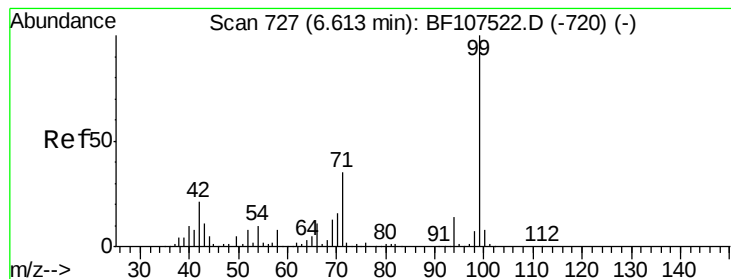


#5

2-Fluorophenol
Concen: 51.173 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107728.D
Acq: 27 Jul 2018 5:30

Tgt Ion:112 Resp: 574205
Ion Ratio Lower Upper
112 100
64 63.3 47.9 71.9
63 31.8 23.7 35.5





#7

Phenol-d6

Concen: 35.393 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107728.D

Acq: 27 Jul 2018 5:30

Instrument :

BNA_F

ClientSampleId :

MW-11

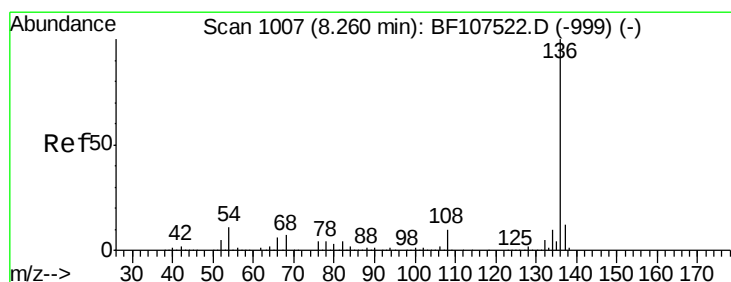
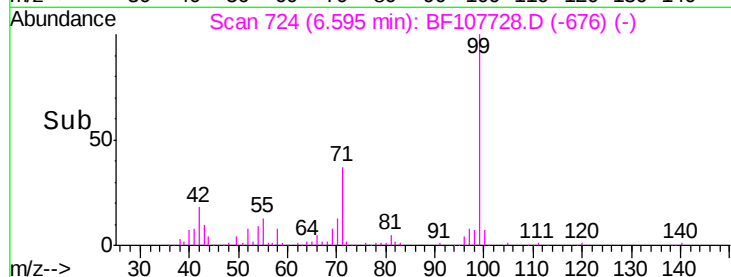
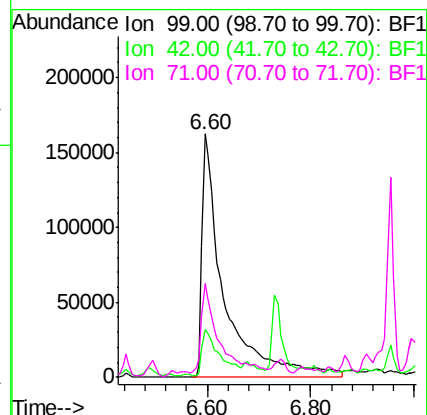
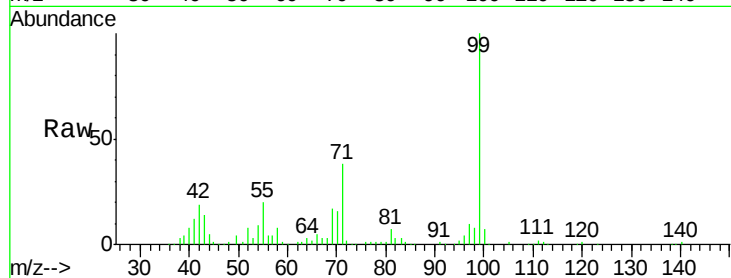
Tgt Ion: 99 Resp: 476861

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 38.4 25.4 38.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107728.D

Acq: 27 Jul 2018 5:30

Tgt Ion: 136 Resp: 687678

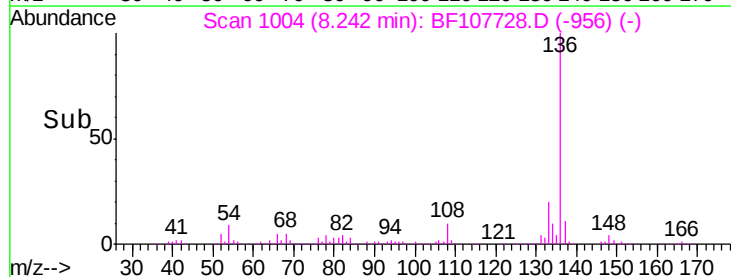
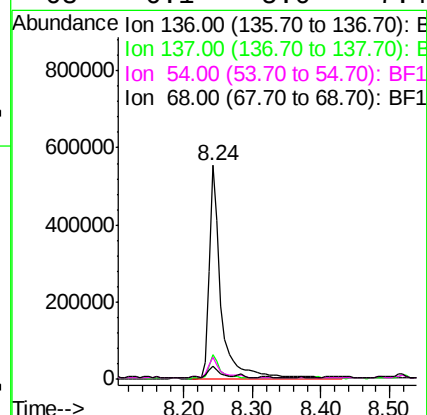
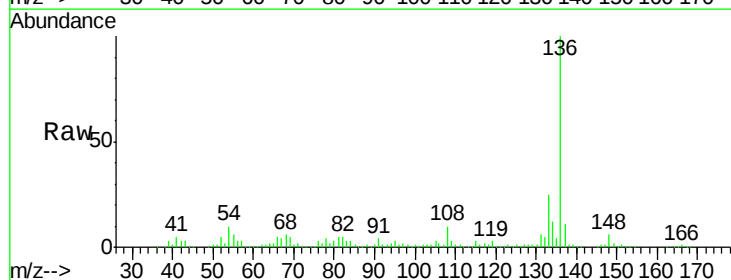
Ion Ratio Lower Upper

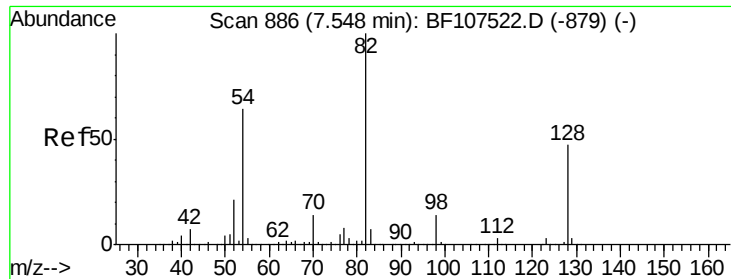
136 100

137 11.3 8.9 13.3

54 10.0 6.6 9.8#

68 6.1 5.0 7.4

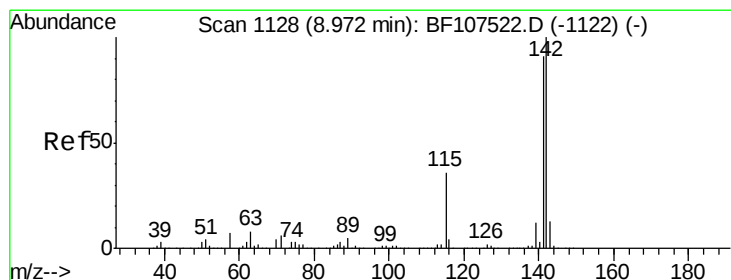
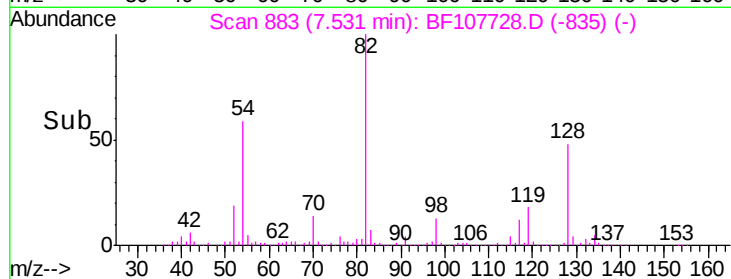
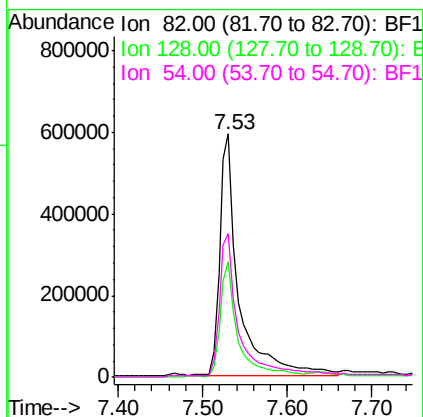
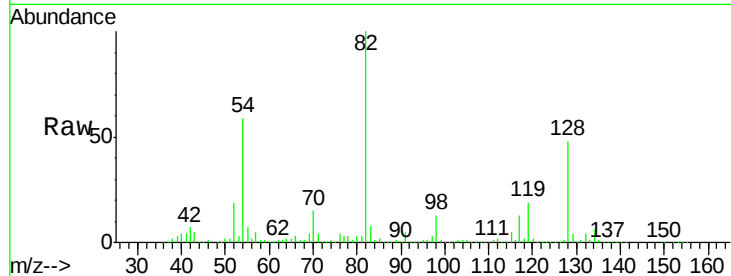




#23
 Nitrobenzene-d5
 Concen: 92.154 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107728.D
 Acq: 27 Jul 2018 5:30

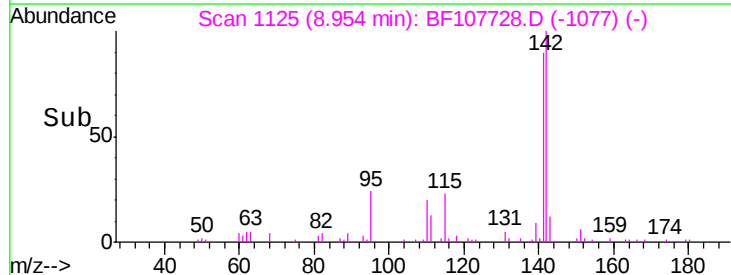
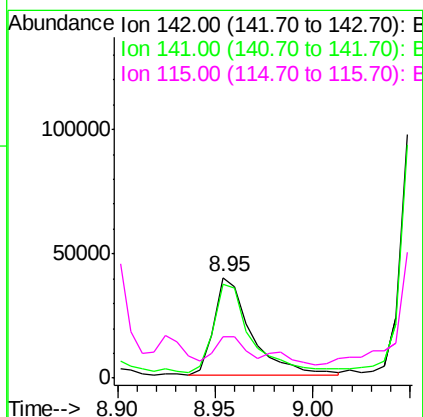
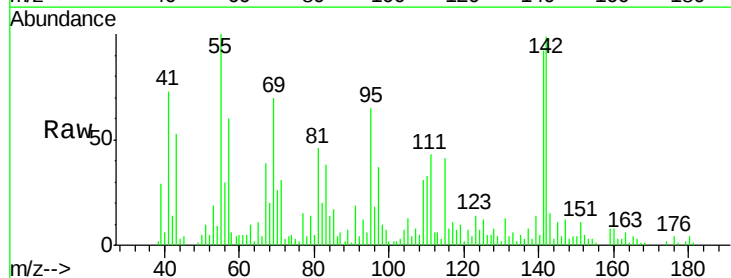
Instrument :
 BNA_F
 ClientSampleId :
 MW-11

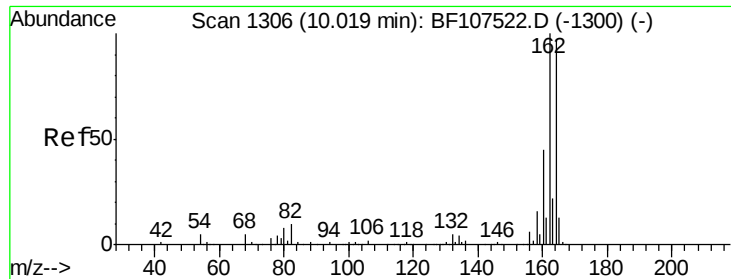
Tgt Ion: 82 Resp: 939018
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.1 54.1
 54 59.1 41.4 62.2



#37
 2-Methylnaphthalene
 Concen: 2.509 ng
 RT: 8.95 min Scan# 1125
 Delta R.T. -0.02 min
 Lab File: BF107728.D
 Acq: 27 Jul 2018 5:30

Tgt Ion: 142 Resp: 52586
 Ion Ratio Lower Upper
 142 100
 141 92.9 70.8 106.2
 115 41.1 26.1 39.1#

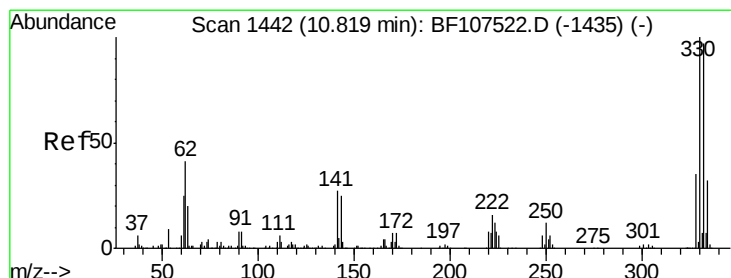
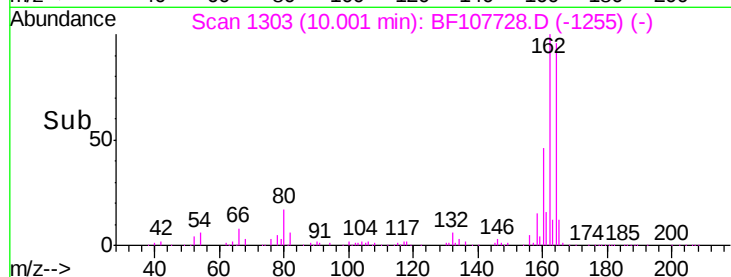
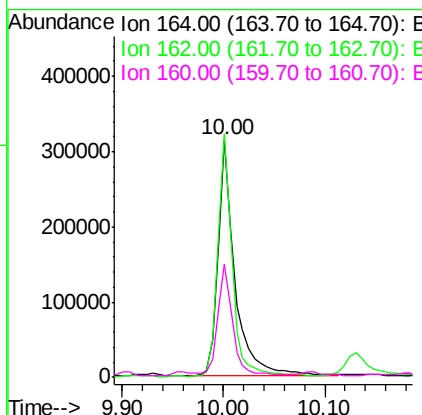
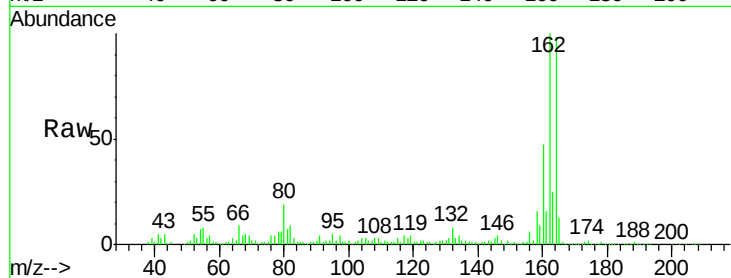




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107728.D
Acq: 27 Jul 2018 5:30

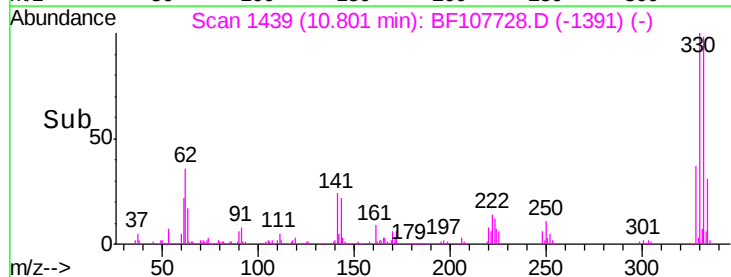
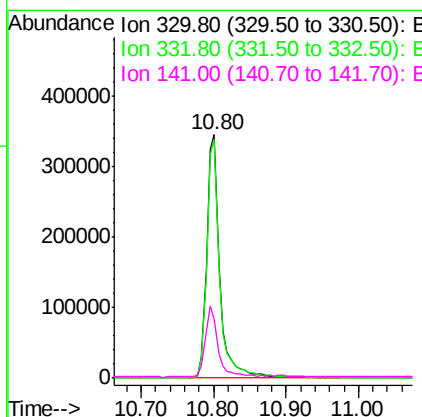
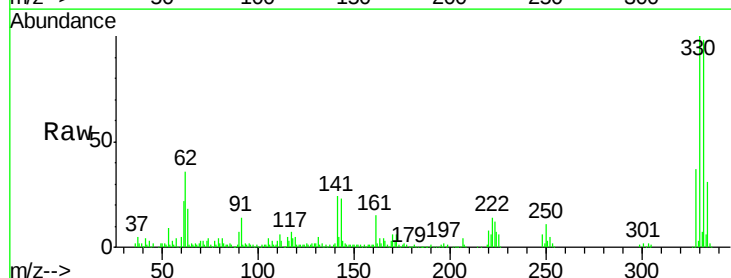
Instrument :
BNA_F
ClientSampleId :
MW-11

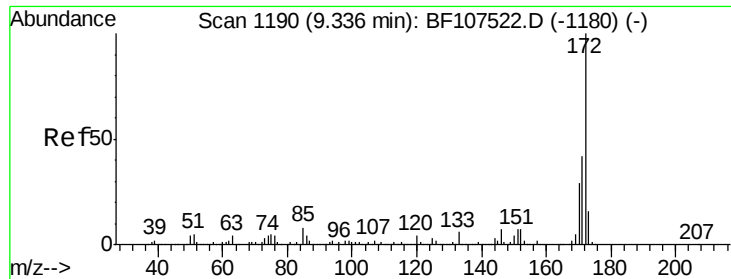
Tgt Ion:164 Resp: 365972
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 47.8 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 105.317 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107728.D
Acq: 27 Jul 2018 5:30

Tgt Ion:330 Resp: 438293
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 28.1 29.9 44.9#

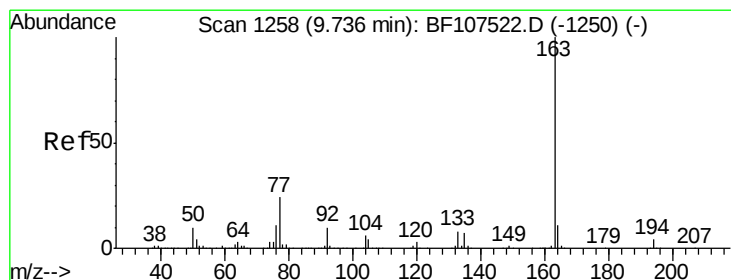
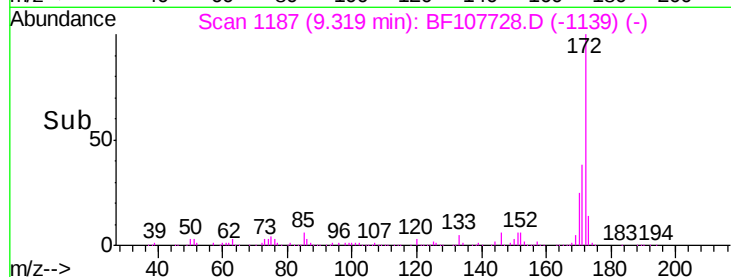
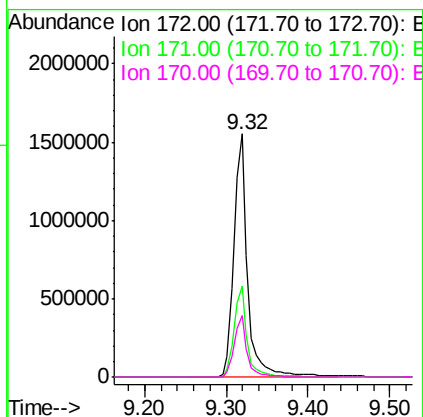
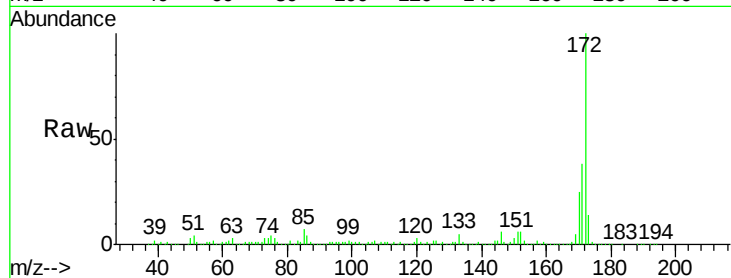




#44
 2-Fluorobiphenyl
 Concen: 86.084 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107728.D
 Acq: 27 Jul 2018 5:30

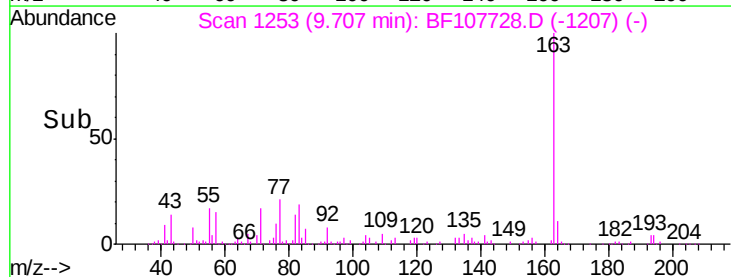
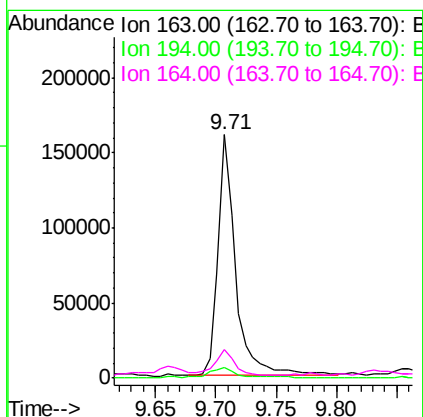
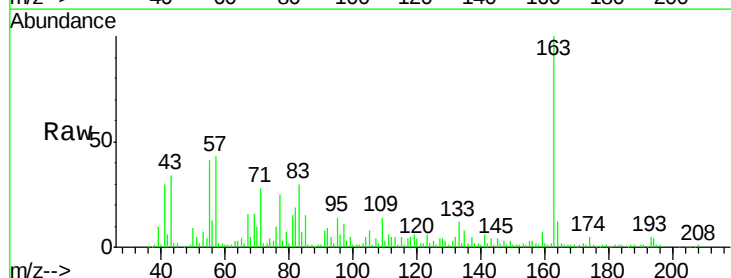
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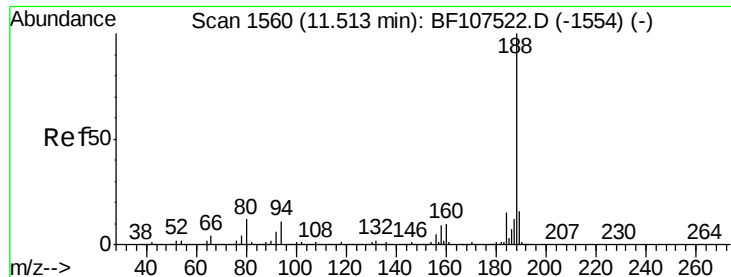
Tgt Ion:172 Resp: 1833142
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.7 44.5
 170 25.3 19.6 29.4



#49
 Dimethylphthalate
 Concen: 5.795 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.03 min
 Lab File: BF107728.D
 Acq: 27 Jul 2018 5:30

Tgt Ion:163 Resp: 159832
 Ion Ratio Lower Upper
 163 100
 194 4.2 2.7 4.1#
 164 11.8 8.2 12.2

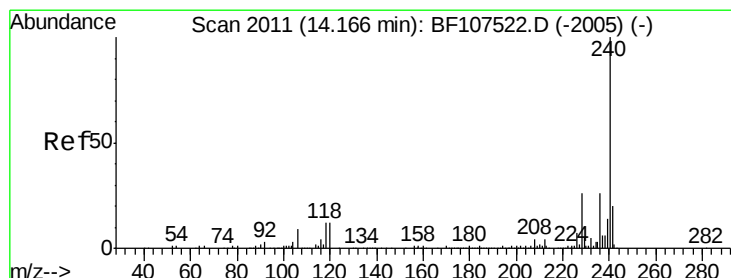
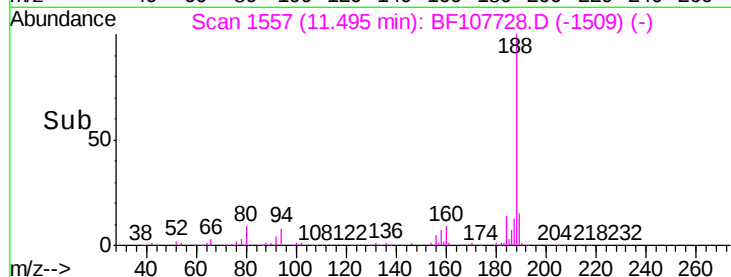
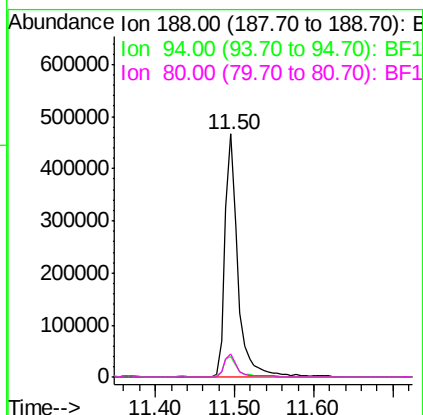
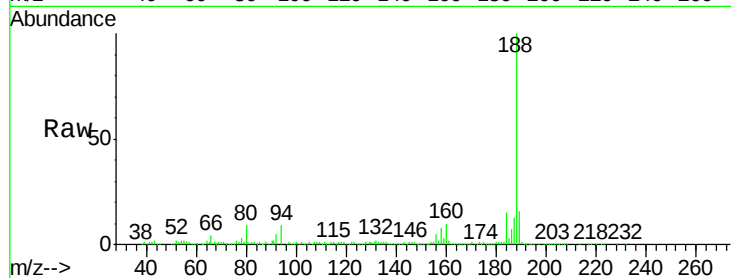




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107728.D
Acq: 27 Jul 2018 5:30

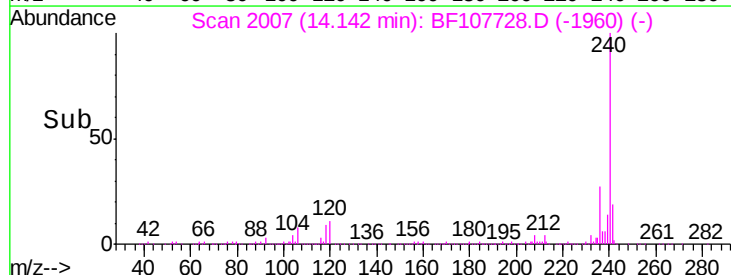
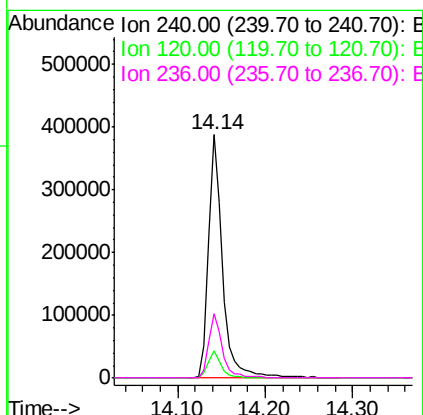
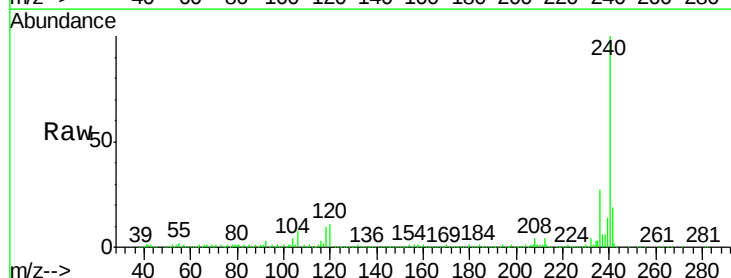
Instrument :
BNA_F
ClientSampleId :
MW-11

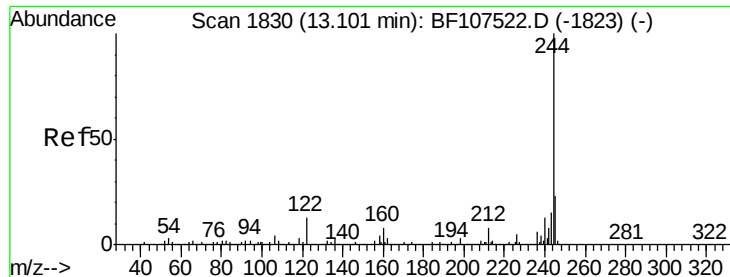
Tgt Ion:188 Resp: 525969
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107728.D
Acq: 27 Jul 2018 5:30

Tgt Ion:240 Resp: 438029
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 26.5 20.7 31.1





#78

Terphenyl-d14

Concen: 81.205 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107728.D

Acq: 27 Jul 2018 5:30

Instrument :

BNA_F

ClientSampleId :

MW-11

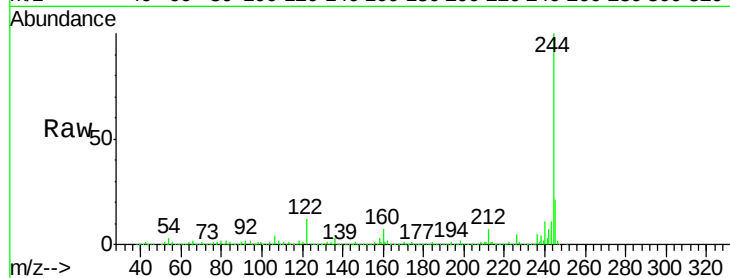
Tgt Ion:244 Resp: 1389413

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

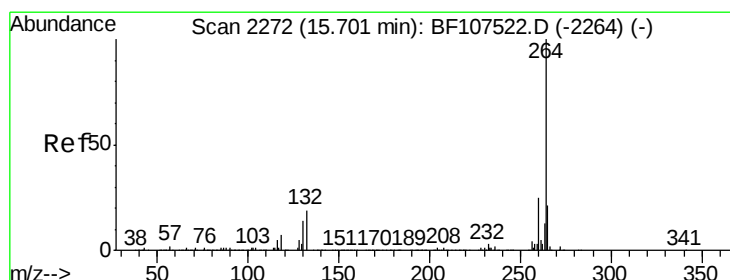
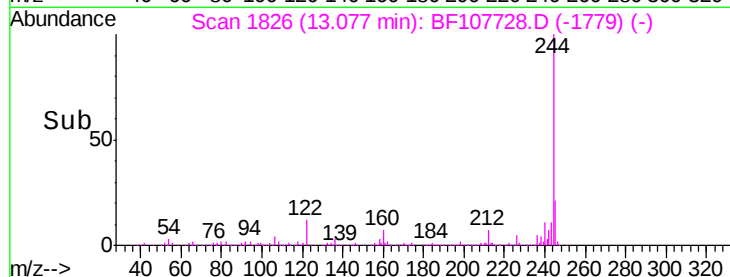
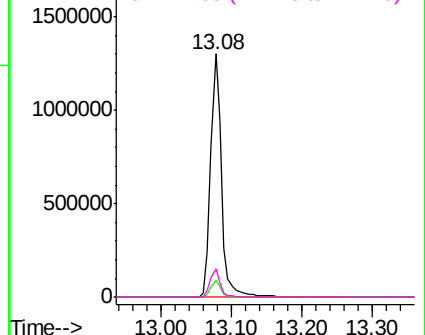
122 11.8 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BF107728.D

Acq: 27 Jul 2018 5:30

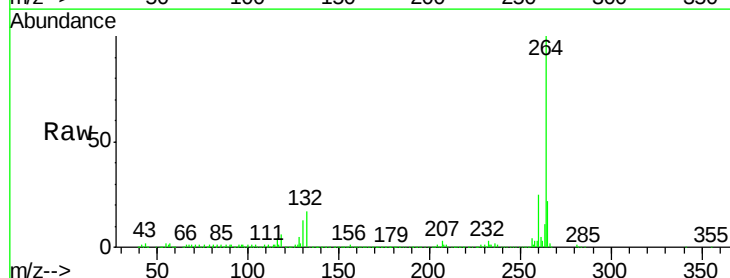
Tgt Ion:264 Resp: 467125

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.7 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

