

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
 Data File : BF107896.D
 Acq On : 1 Aug 2018 18:28
 Operator : JU/SJ
 Sample : J4256-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Quant Time: Aug 02 10:20:32 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

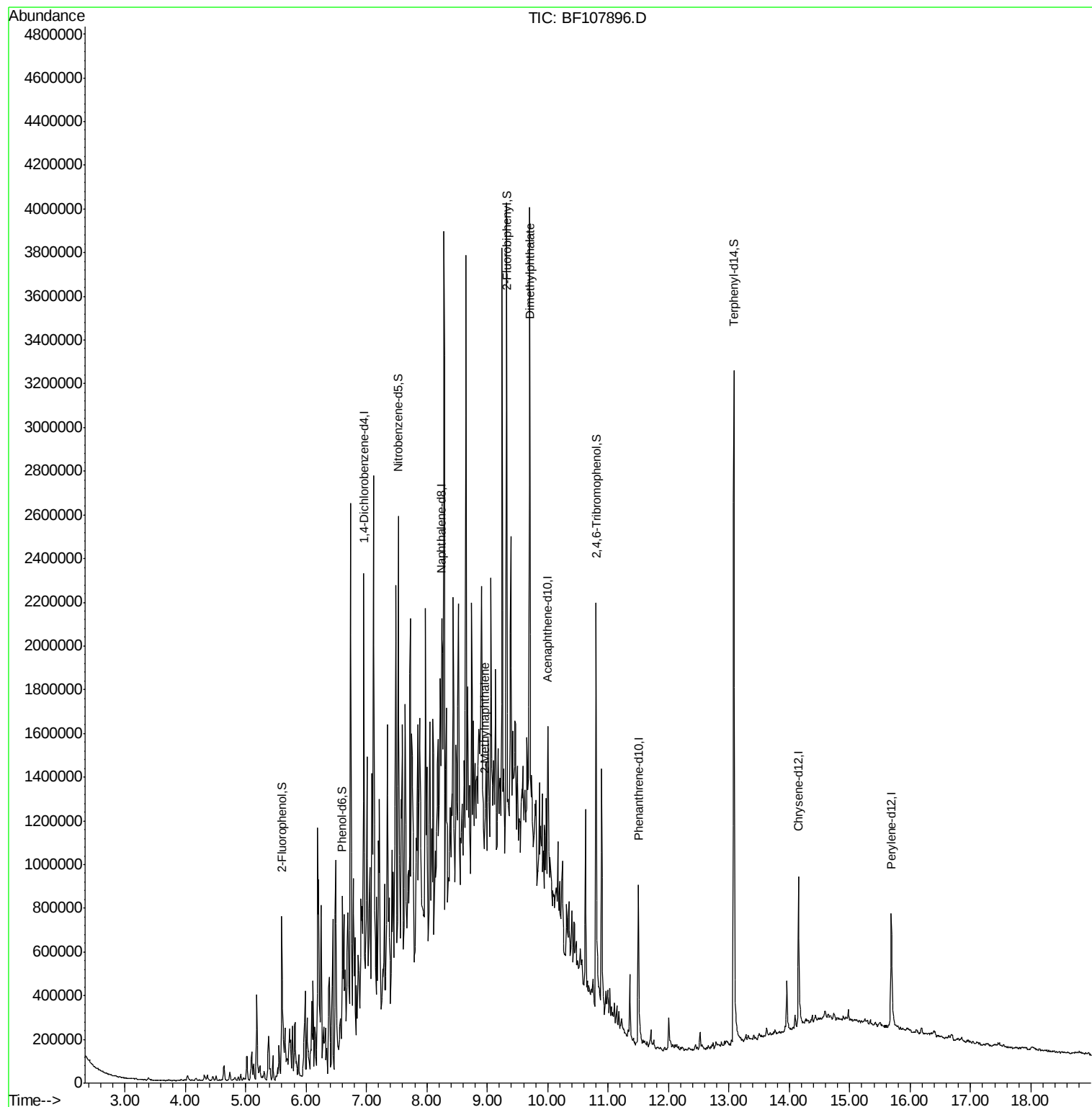
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	114066	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	427160	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	203031	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	414474	20.00	ng	0.00
75) Chrysene-d12	14.15	240	381843	20.00	ng	0.00
86) Perylene-d12	15.69	264	381980	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	423009	63.03	ng	0.00
7) Phenol-d6	6.60	99	348758	39.43	ng	0.00
23) Nitrobenzene-d5	7.53	82	570422	76.93	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	347089	125.81	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1294528	88.85	ng	0.00
78) Terphenyl-d14	13.08	244	1364631	77.50	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.96	142	72983	5.851	ng	Qvalue # 91
49) Dimethylphthalate	9.71	163	220436	14.457	ng	# 98

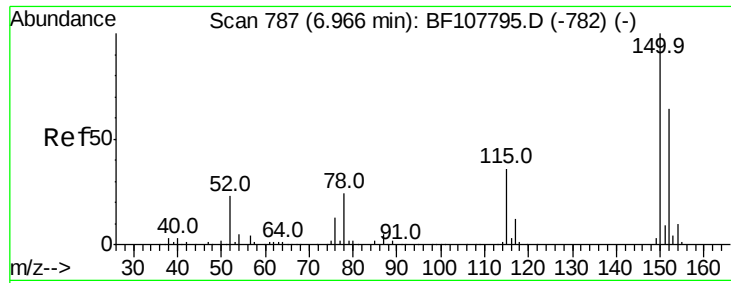
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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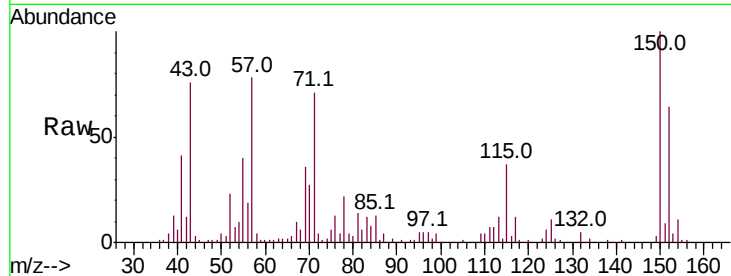


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

Instrument :
BNA_F
ClientSampleId :
MW-09

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	58.4	50.1	75.1

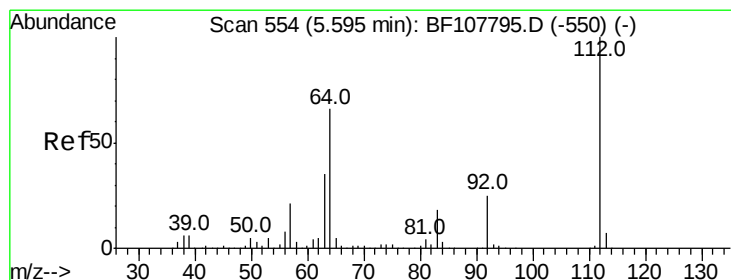
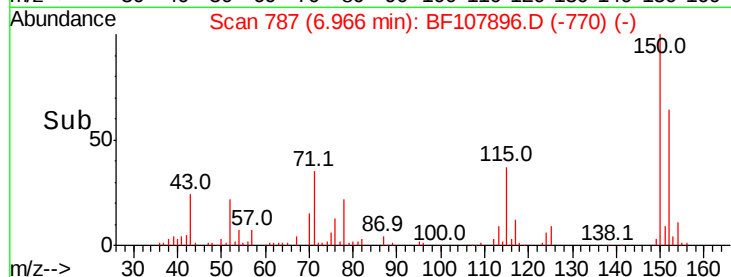
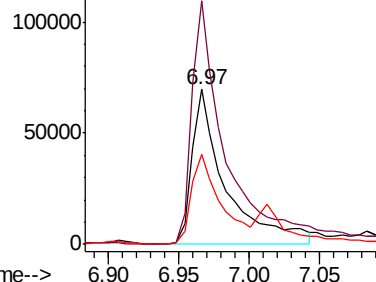


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

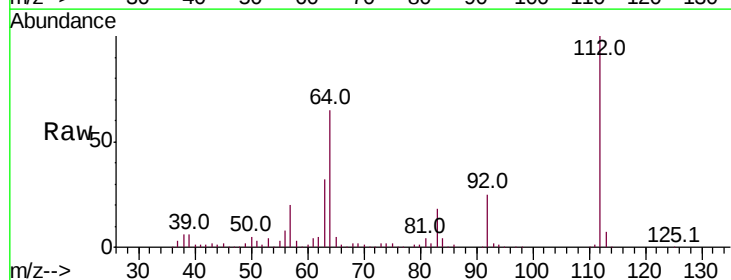
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 63.027 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.9	71.9
63	32.5	23.7	35.5

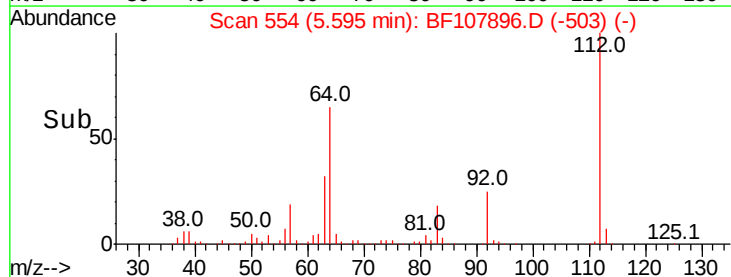
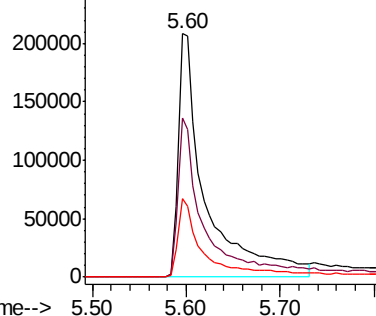


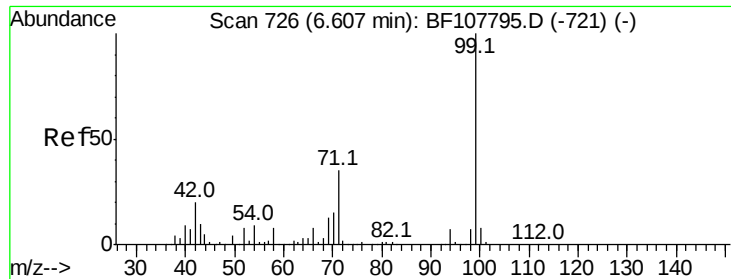
Abundance

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: 39.428 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107896.D

Acq: 1 Aug 2018 18:28

Instrument :

BNA_F

ClientSampleId :

MW-09

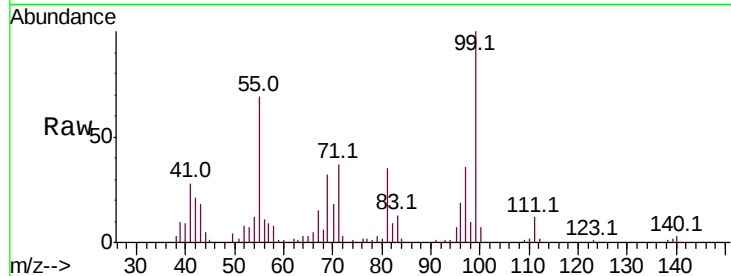
Tot Ion: 99 Resp: 348758

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

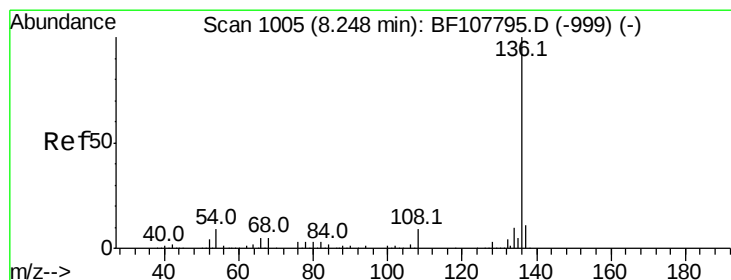
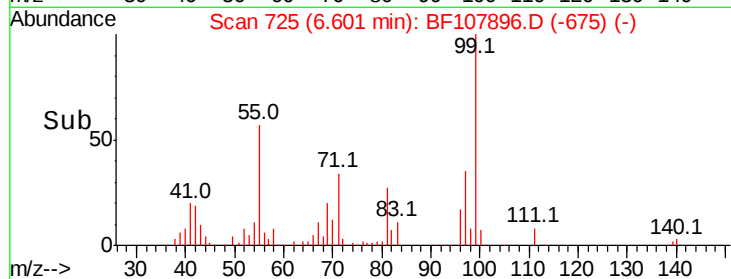
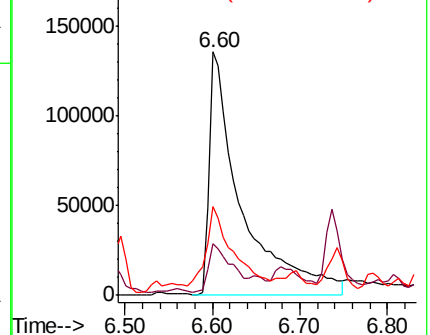
71 36.7 25.4 38.0



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: BF107896.D

Acq: 1 Aug 2018 18:28

Tgt Ion: 136 Resp: 427160

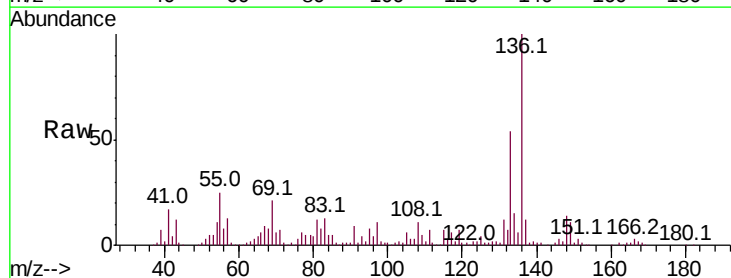
Ion Ratio Lower Upper

136 100

137 12.0 8.9 13.3

54 11.2 6.6 9.8#

68 7.8 5.0 7.4#

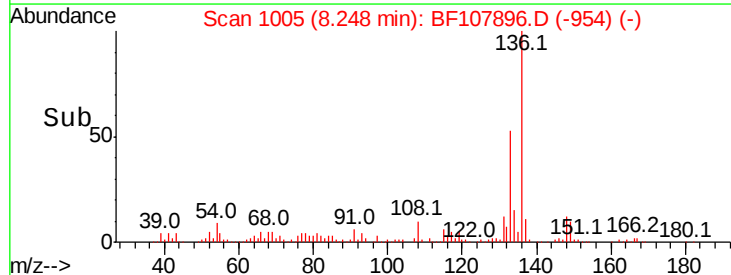
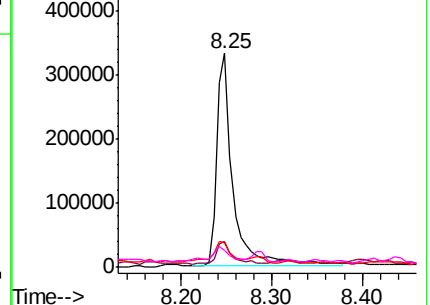


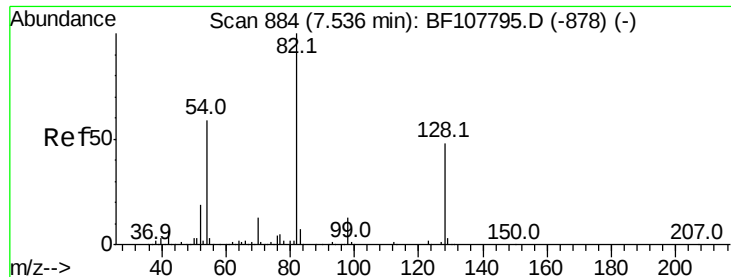
Abundance Ion 136.00 (135.70 to 136.70): E

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

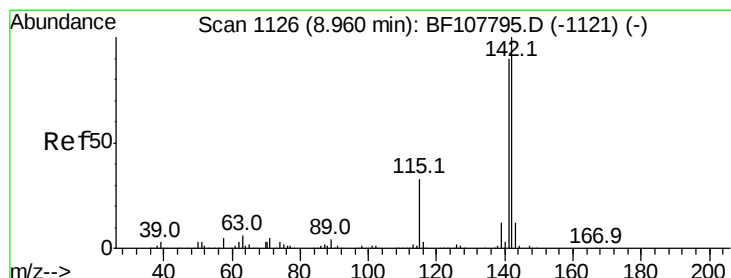
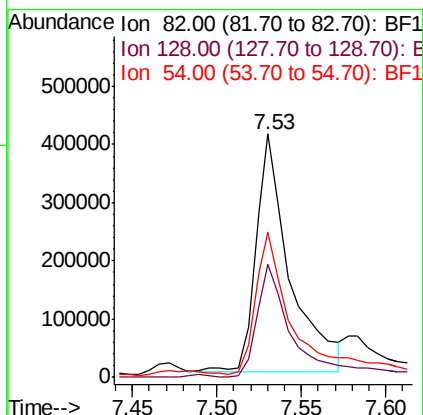
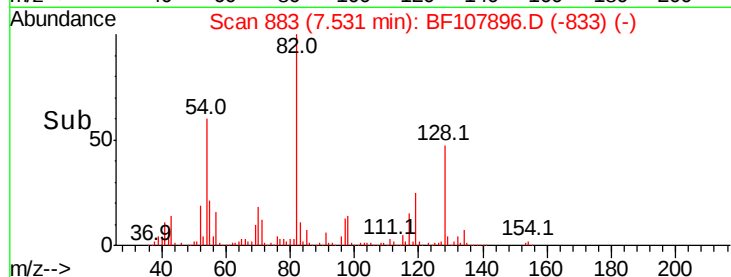
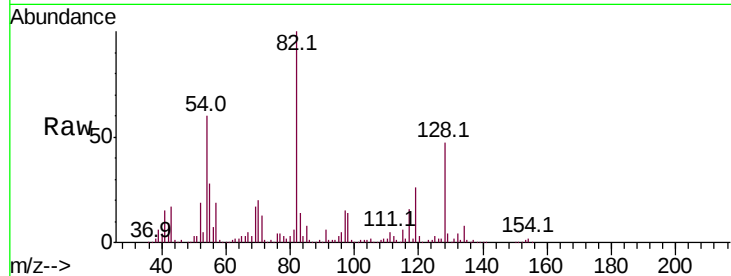




#23
Nitrobenzene-d5
Concen: 76.932 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

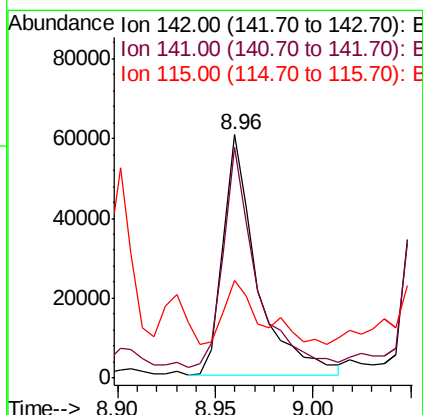
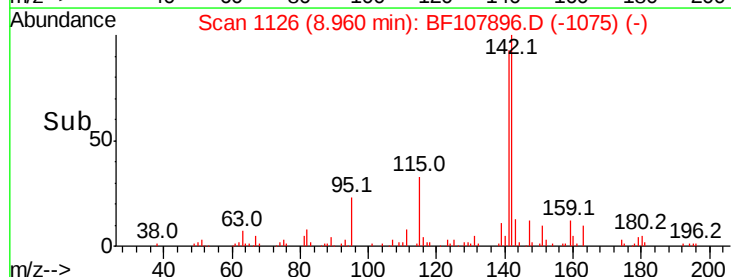
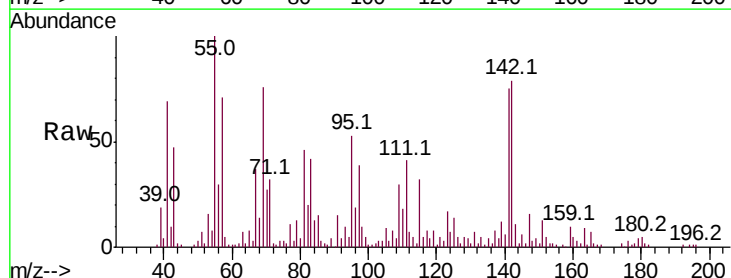
Instrument :
BNA_F
ClientSampleId :
MW-09

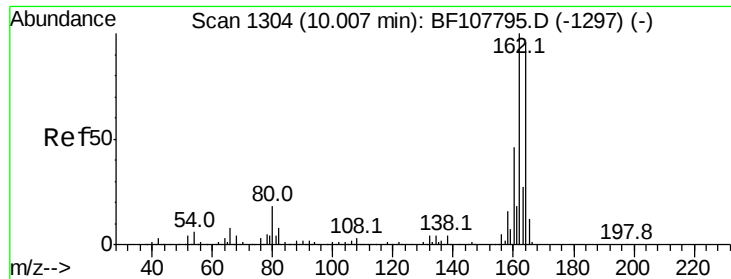
Tot Ion: 82 Resp: 570422
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 59.8 41.4 62.2



#37
2-Methylnaphthalene
Concen: 5.851 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

Tgt Ion: 142 Resp: 72983
Ion Ratio Lower Upper
142 100
141 94.9 70.8 106.2
115 40.0 26.1 39.1#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF107896.D

Acq: 1 Aug 2018 18:28

Instrument :

BNA_F

ClientSampleId :

MW-09

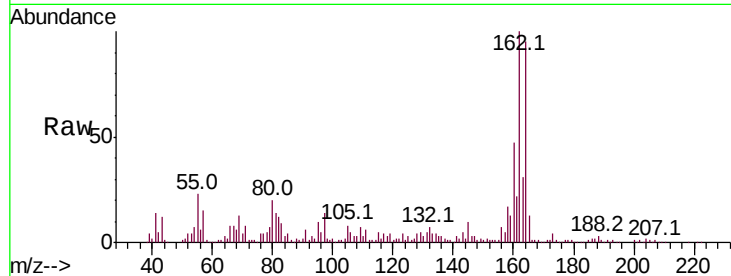
Tot Ion:164 Resp: 203031

Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

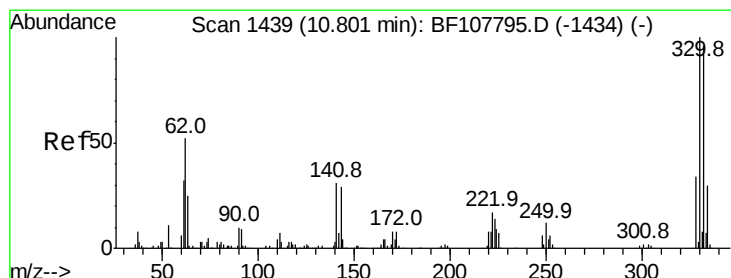
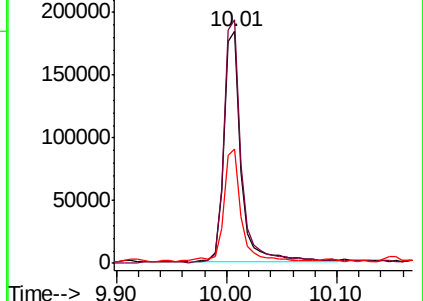
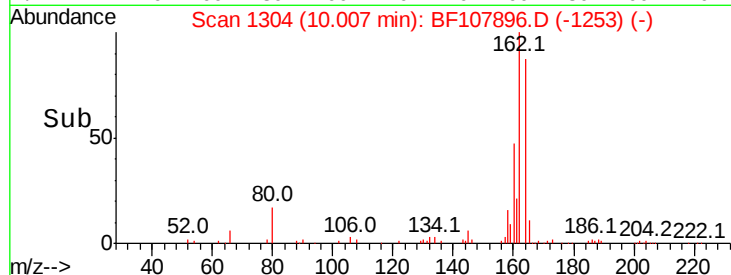
160 49.5 38.3 57.5



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: 125.812 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF107896.D

Acq: 1 Aug 2018 18:28

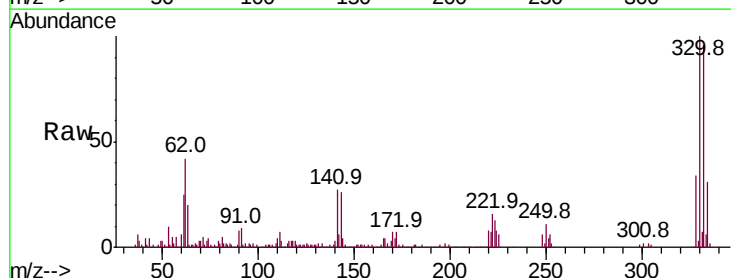
Tgt Ion:330 Resp: 347089

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

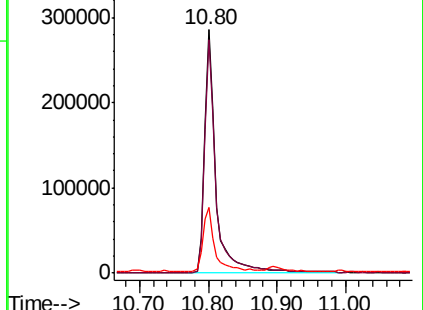
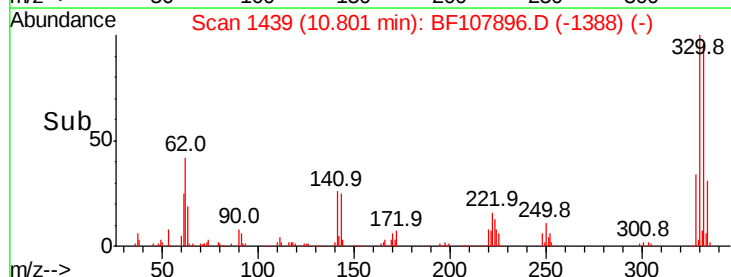
141 26.6 29.9 44.9#

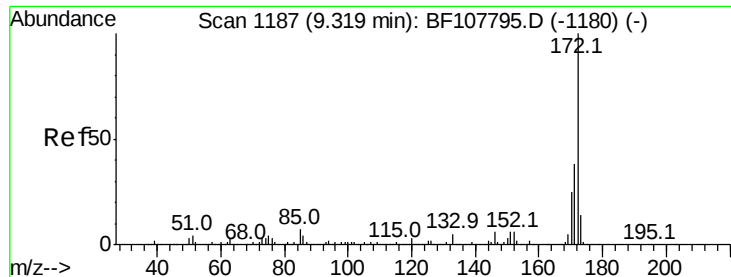


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

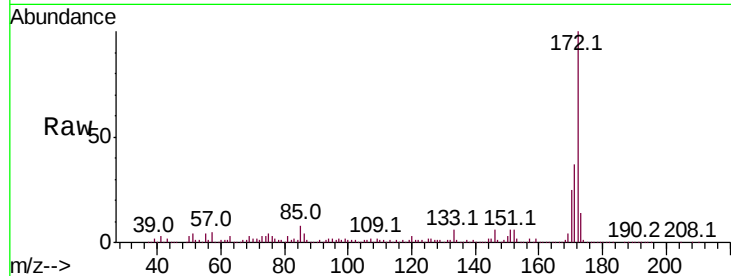




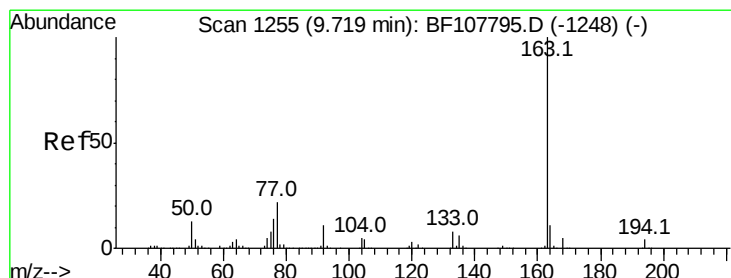
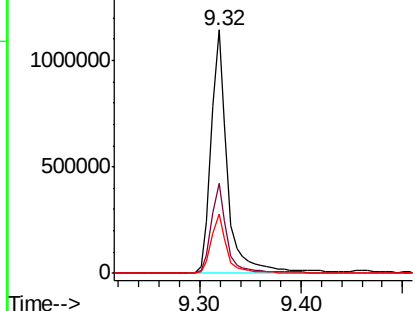
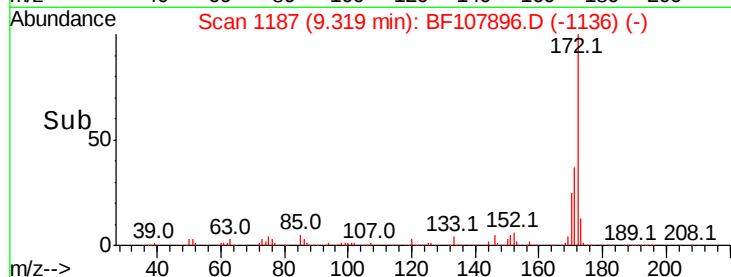
#44
2-Fluorobiphenyl
Concen: 88.849 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

Instrument :
BNA_F
ClientSampleId :
MW-09

Tot Ion:172 Resp: 1294528
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.6 19.6 29.4

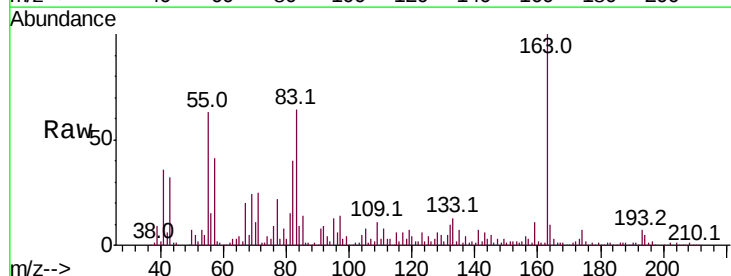


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

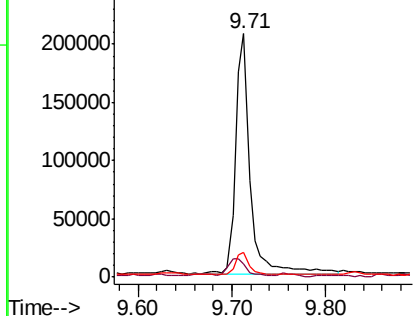
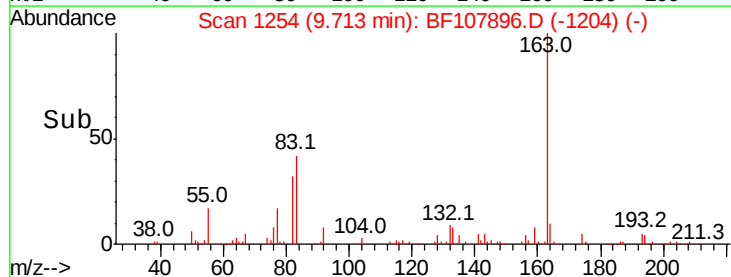


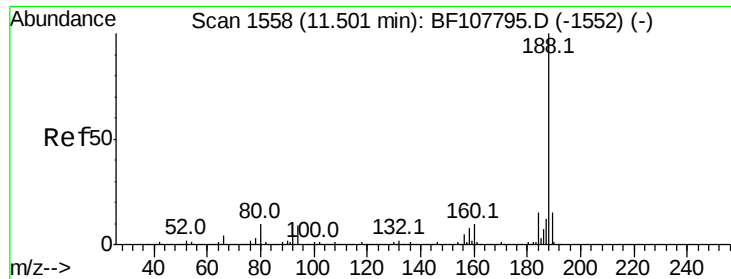
#49
Dimethylphthalate
Concen: 14.457 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

Tgt Ion:163 Resp: 220436
Ion Ratio Lower Upper
163 100
194 5.2 2.7 4.1#
164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

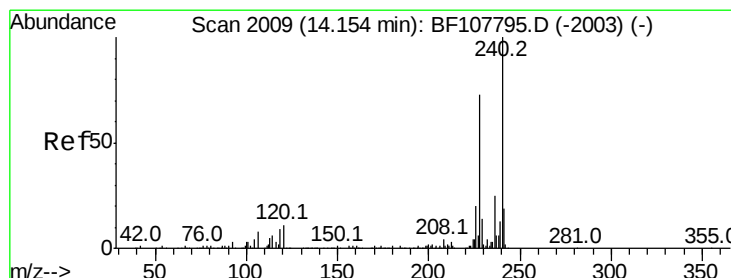
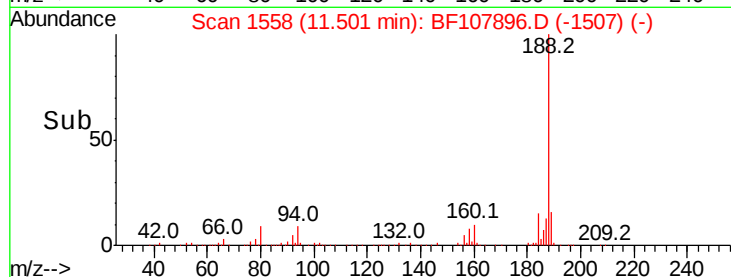
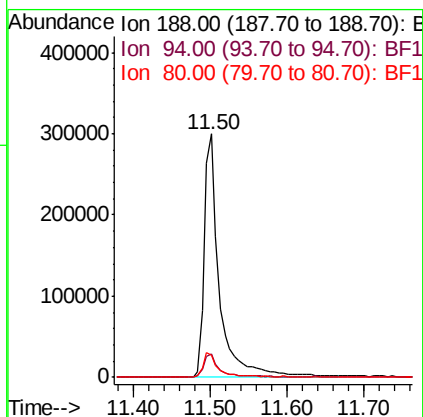
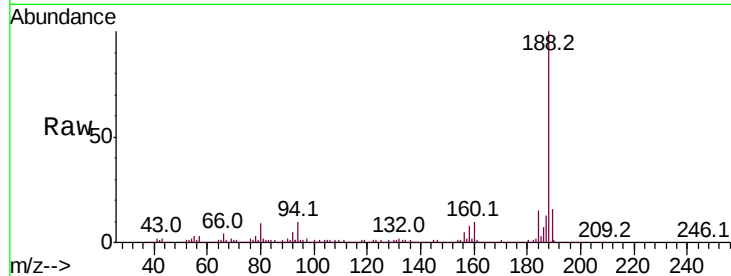




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

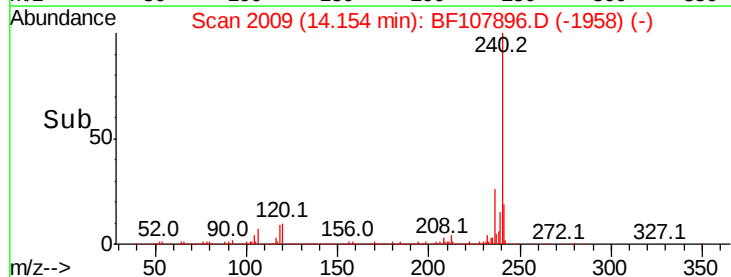
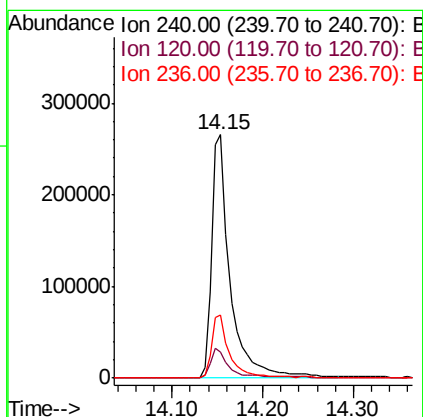
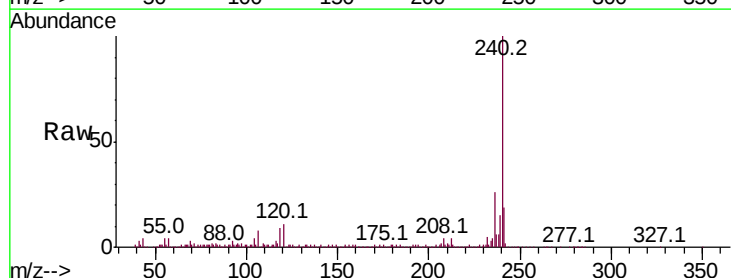
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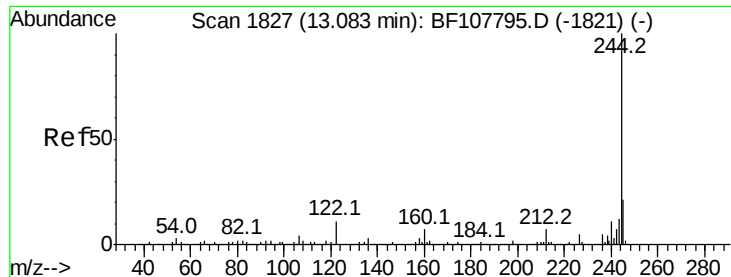
Tot Ion:188 Resp: 414474
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

Tgt Ion:240 Resp: 381843
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 26.1 20.7 31.1





#78

Terphenyl-d14

Concen: 77.495 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF107896.D

Acq: 1 Aug 2018 18:28

Instrument :

BNA_F

ClientSampleId :

MW-09

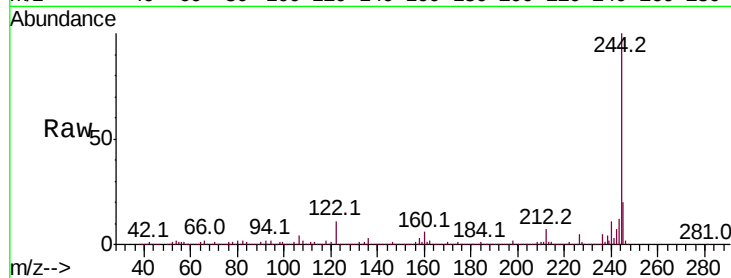
Tot Ion:244 Resp: 1364631

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

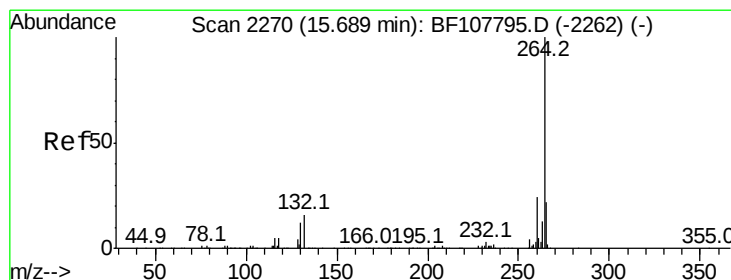
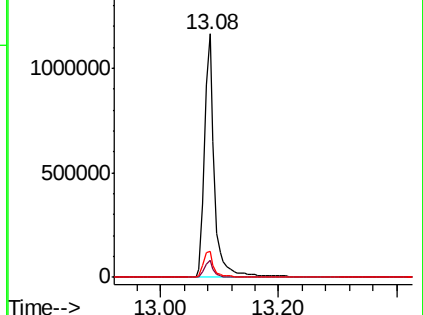
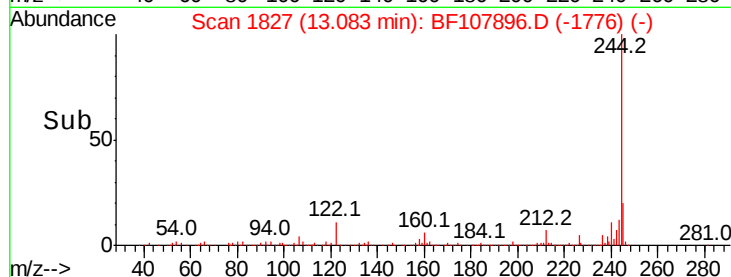
122 10.8 11.0 16.4#



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: 15.69 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF107896.D

Acq: 1 Aug 2018 18:28

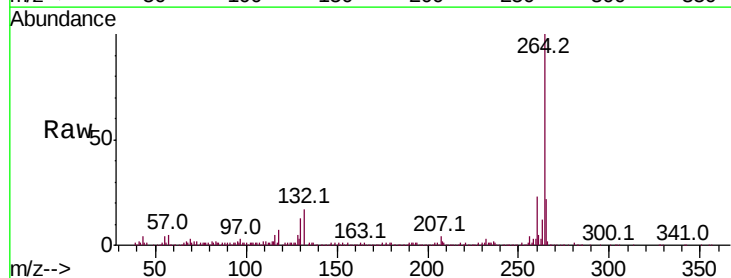
Tgt Ion:264 Resp: 381980

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 22.2 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

