

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082118\
 Data File : BF108354.D
 Acq On : 21 Aug 2018 22:58
 Operator : JU/SJ
 Sample : J4545-01 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-BASELINE-WATER

Quant Time: Aug 22 00:45:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 15:20:21 2018
 Response via : Initial Calibration

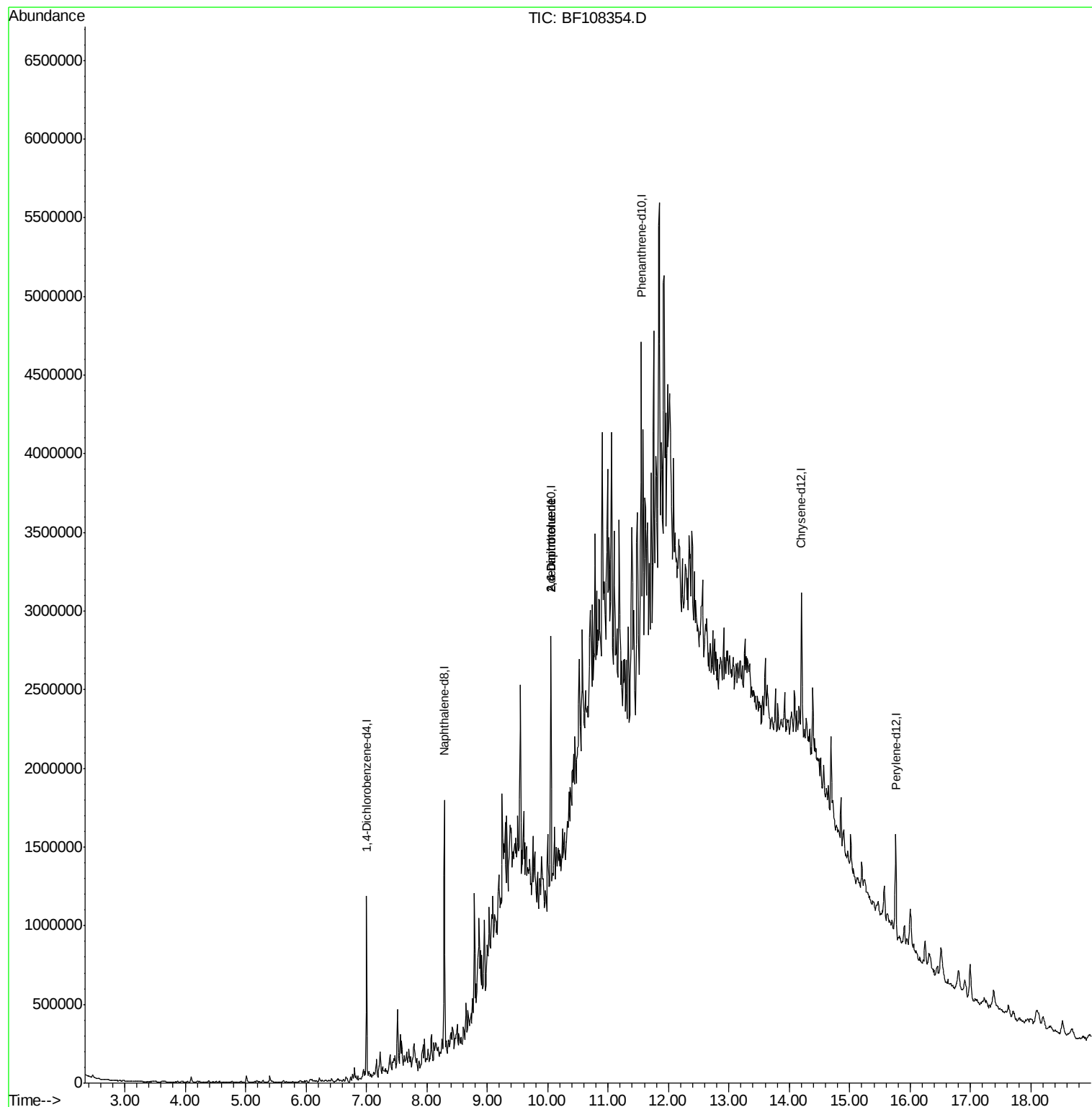
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	172647	20.00	ng	-0.01
21) Naphthalene-d8	8.29	136	649789	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	273026	20.00	ng	-0.01
63) Phenanthrene-d10	11.55	188	402189	20.00	ng	0.00
75) Chrysene-d12	14.20	240	341134	20.00	ng	-0.02
86) Perylene-d12	15.76	264	340451	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	3298	0.35	ng	0.00
7) Phenol-d6	6.62	99	3678	0.29	ng	-0.01
23) Nitrobenzene-d5	7.56	82	8757	0.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	2198	0.81	ng	-0.02
44) 2-Fluorobiphenyl	9.36	172	18426	1.08	ng	-0.02
78) Terphenyl-d14	13.13	244	12414	0.93	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	10.05	165	36614	9.202	ng	# 27
56) 2,4-Dinitrotoluene	10.05	165	36614	7.149	ng	# 24

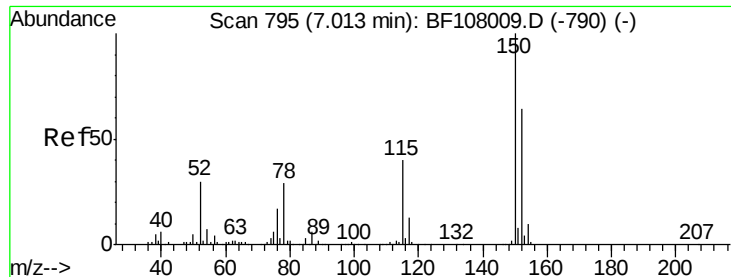
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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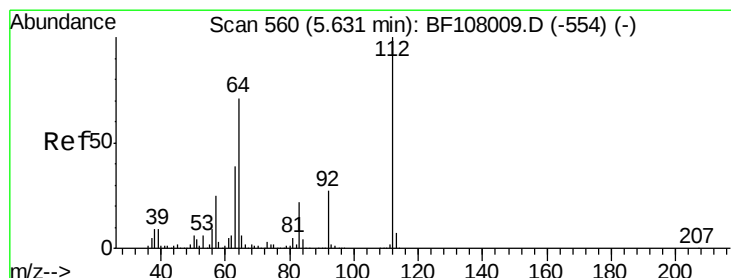
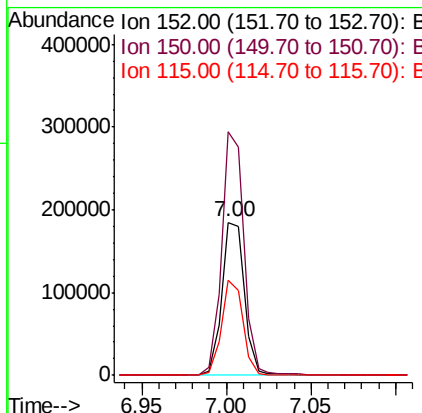
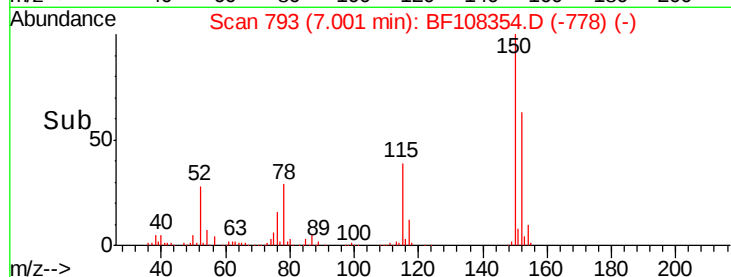
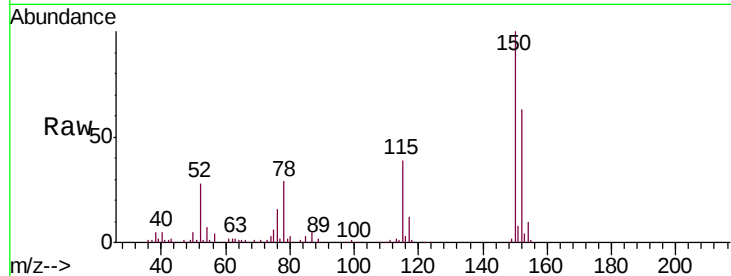


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108354.D
Acq: 21 Aug 2018 22:58

Instrument :
BNA_F
ClientSampleId :
RB-BASELINE-WATER

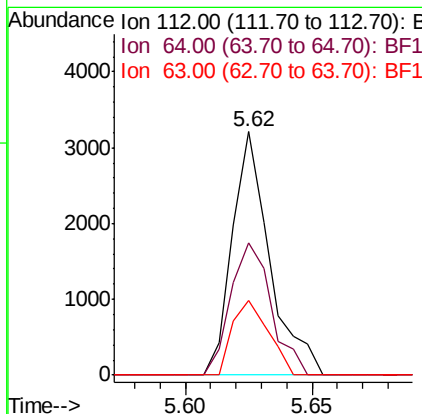
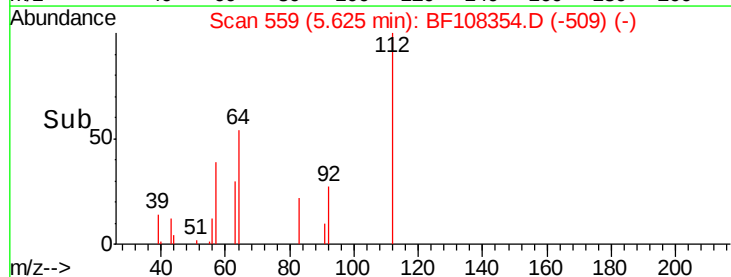
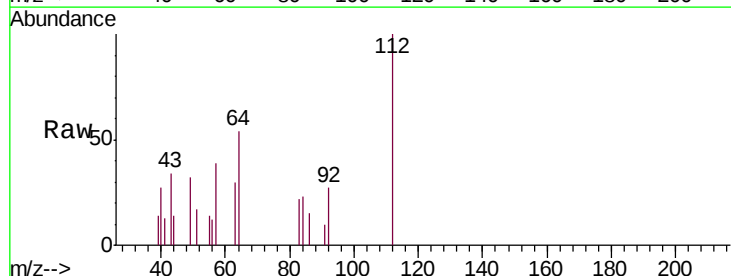
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	62.3	50.1	75.1

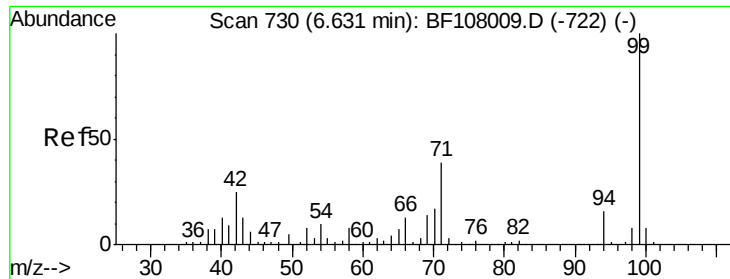


#5

2-Fluorophenol
Concen: 0.346 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108354.D
Acq: 21 Aug 2018 22:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.9	71.9
63	30.4	23.7	35.5





#7

Phenol-d6

Concen: 0.290 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF108354.D

Acq: 21 Aug 2018 22:58

Instrument :

BNA_F

ClientSampleId :

RB-BASELINE-WATER

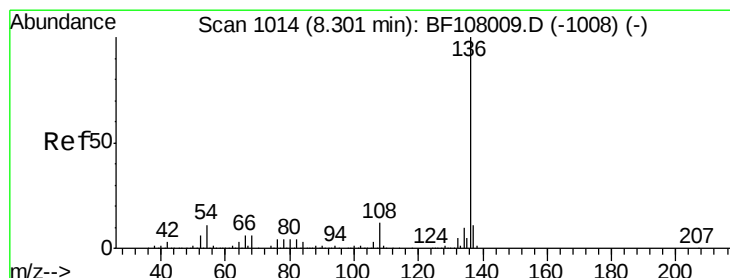
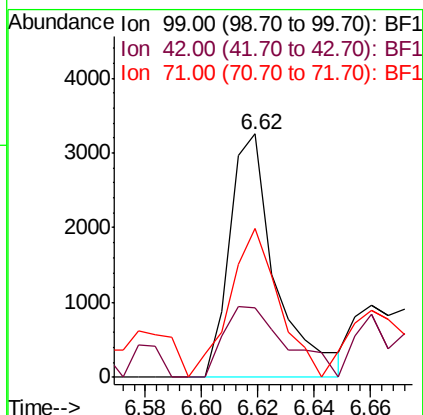
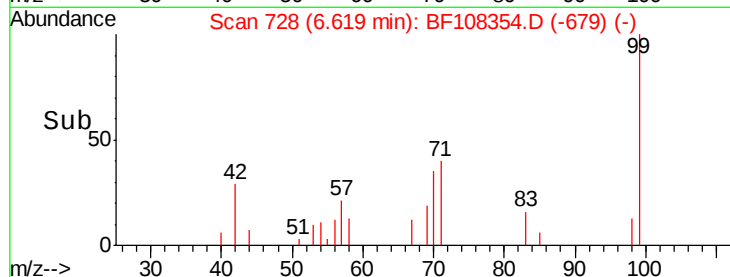
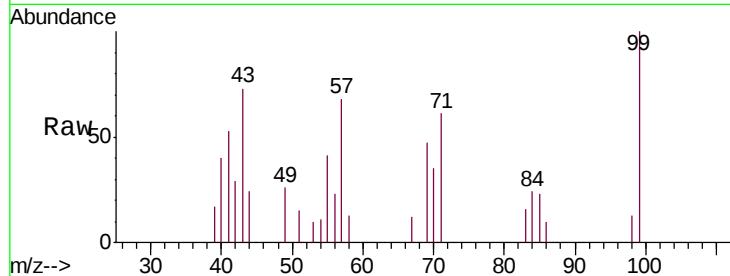
Tgt Ion: 99 Resp: 3678

Ion Ratio Lower Upper

99 100

42 28.8 14.5 21.7#

71 61.2 25.4 38.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.29 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF108354.D

Acq: 21 Aug 2018 22:58

Tgt Ion: 136 Resp: 649789

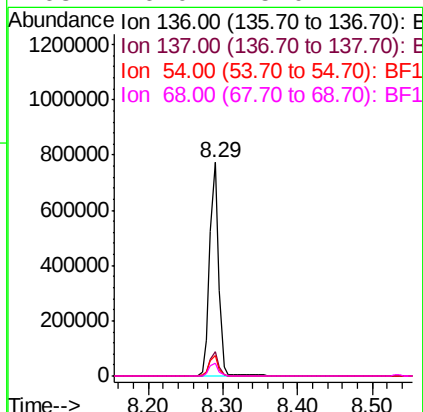
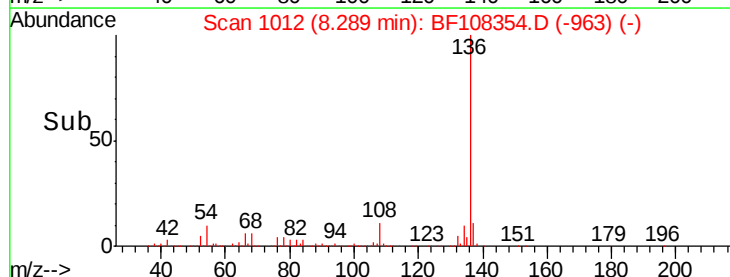
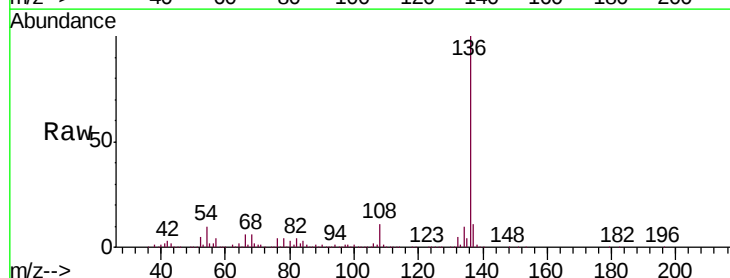
Ion Ratio Lower Upper

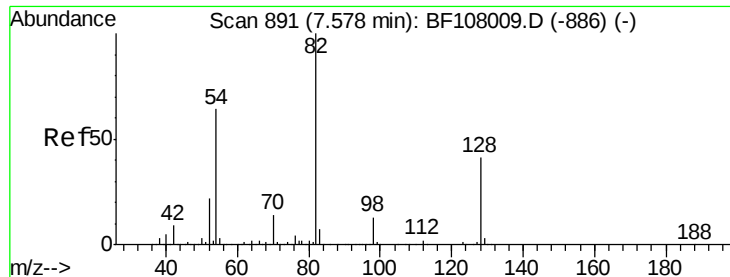
136 100

137 11.2 8.9 13.3

54 9.6 6.6 9.8

68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 0.752 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF108354.D

Acq: 21 Aug 2018 22:58

Instrument :

BNA_F

ClientSampleId :

RB-BASELINE-WATER

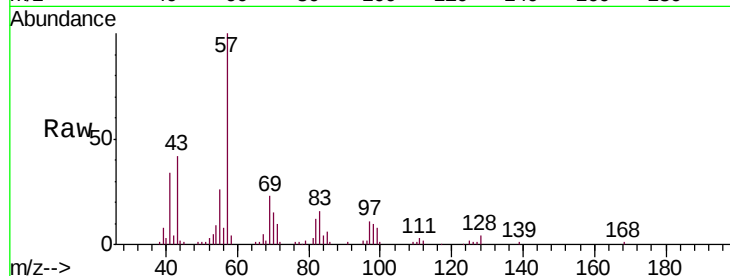
Tgt Ion: 82 Resp: 8757

Ion Ratio Lower Upper

82 100

128 36.6 36.1 54.1

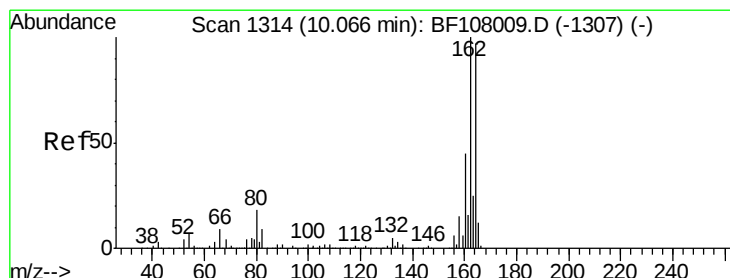
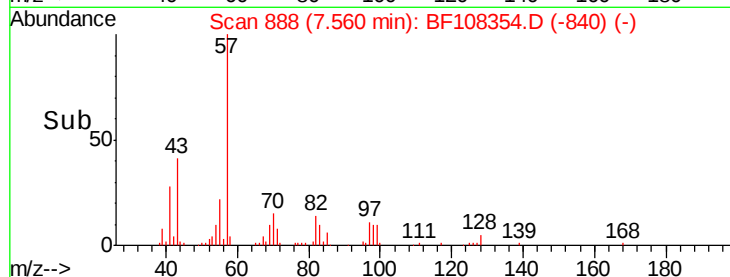
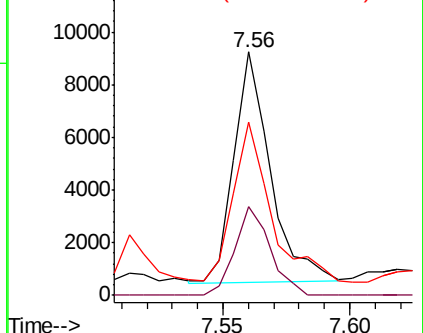
54 71.1 41.4 62.2#



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: 10.05 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF108354.D

Acq: 21 Aug 2018 22:58

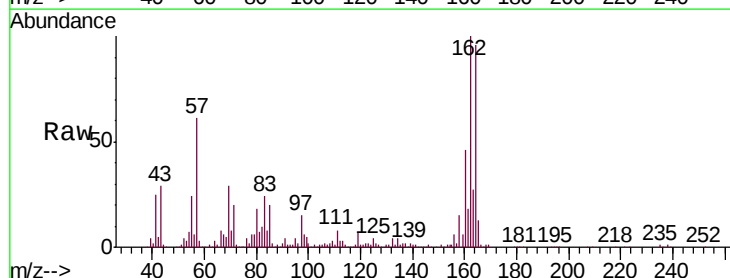
Tgt Ion: 164 Resp: 273026

Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

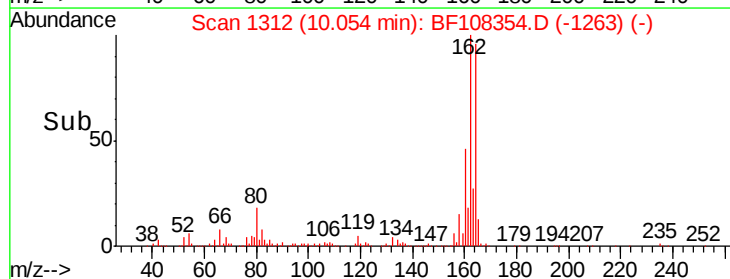
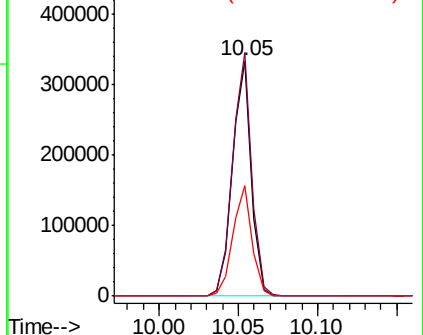
160 47.3 38.3 57.5

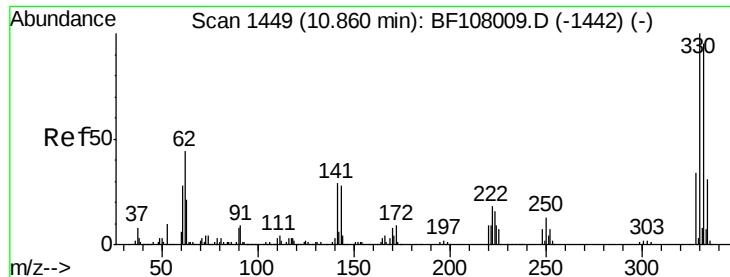


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

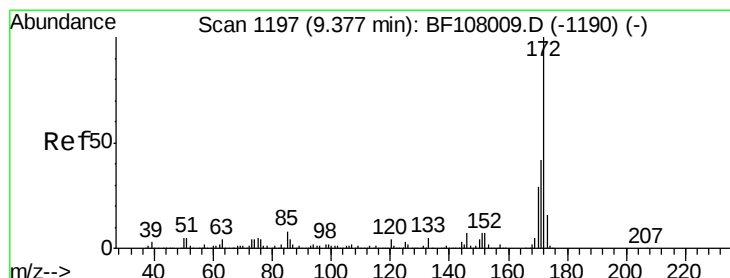
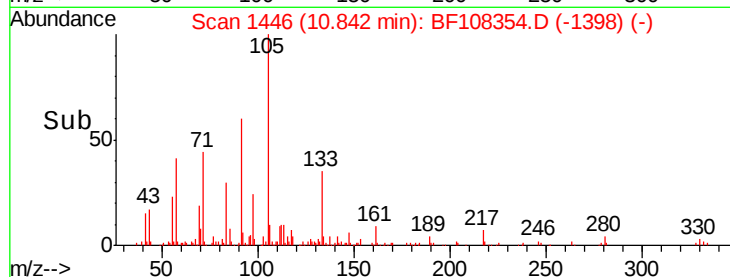
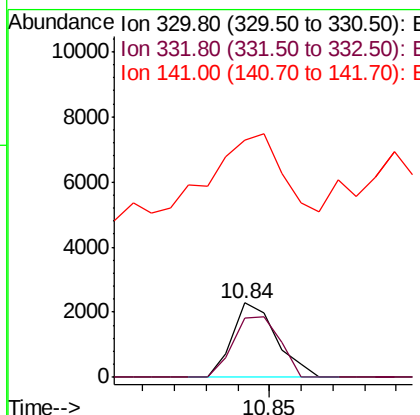
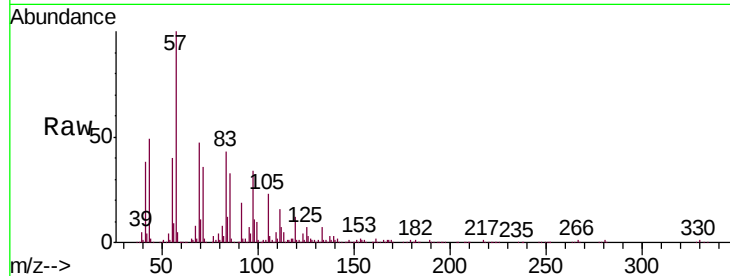




#41
 2,4,6-Tribromophenol
 Concen: 0.807 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF108354.D
 Acq: 21 Aug 2018 22:58

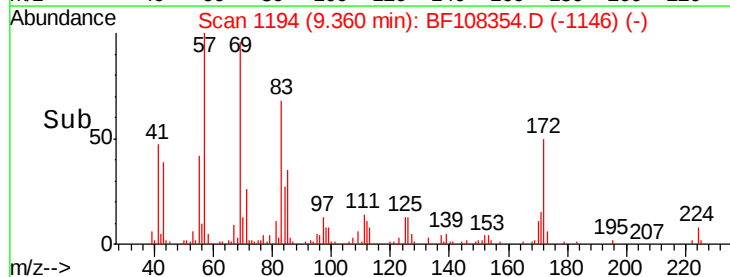
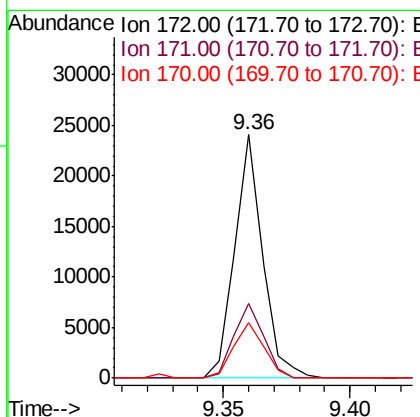
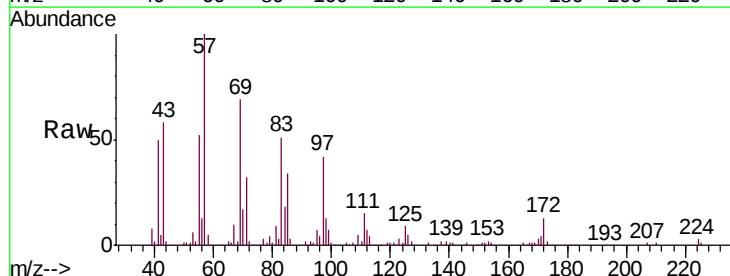
Instrument :
 BNA_F
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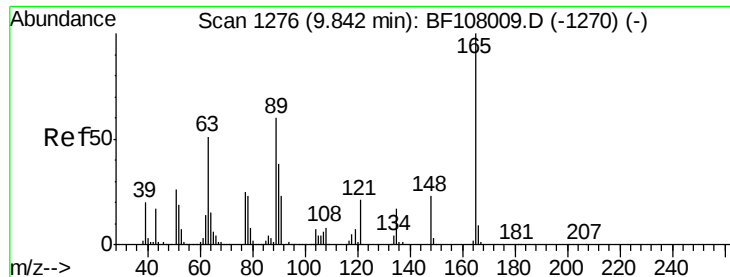
Tgt Ion: 330 Resp: 2198
 Ion Ratio Lower Upper
 330 100
 332 85.9 77.0 115.6
 141 162.5 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 1.084 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF108354.D
 Acq: 21 Aug 2018 22:58

Tgt Ion: 172 Resp: 18426
 Ion Ratio Lower Upper
 172 100
 171 30.6 29.7 44.5
 170 22.8 19.6 29.4

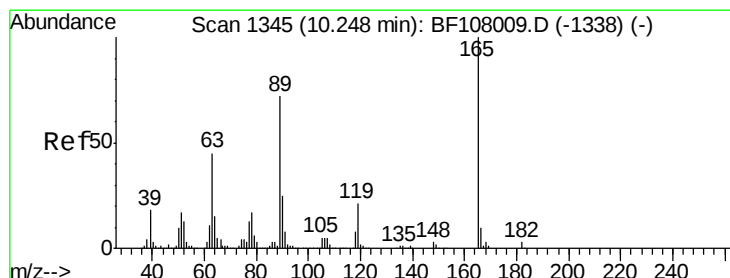
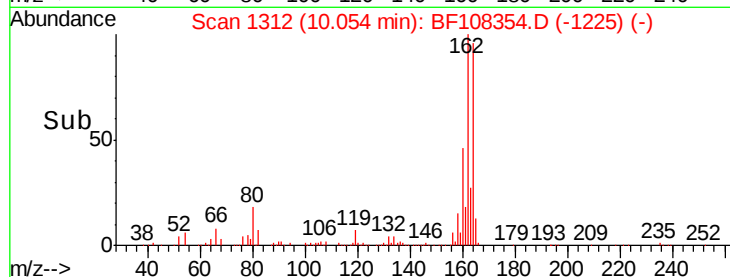
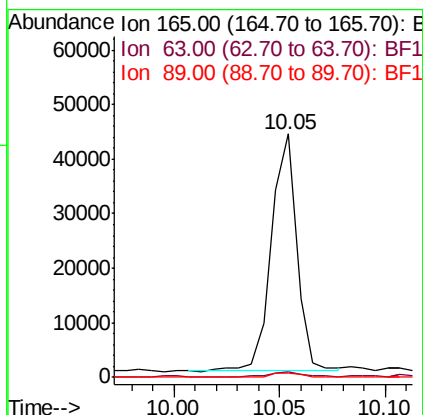
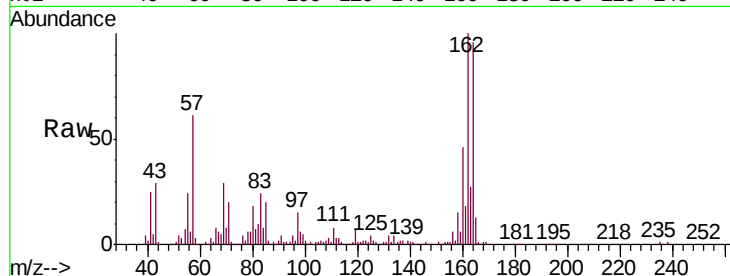




#50
 2,6-Dinitrotoluene
 Concen: 9.202 ng
 RT: 10.05 min Scan# 1312
 Delta R.T. 0.21 min
 Lab File: BF108354.D
 Acq: 21 Aug 2018 22:58

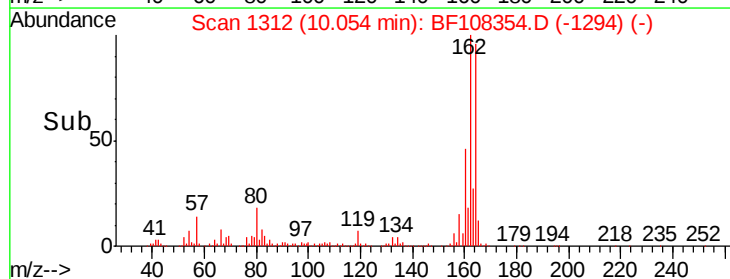
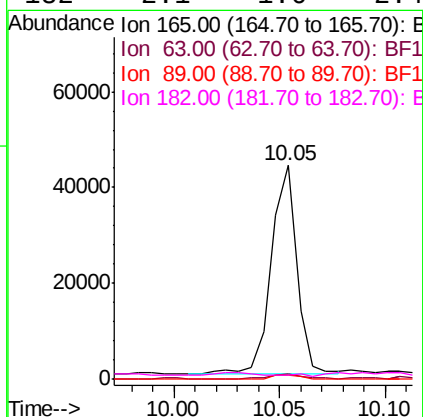
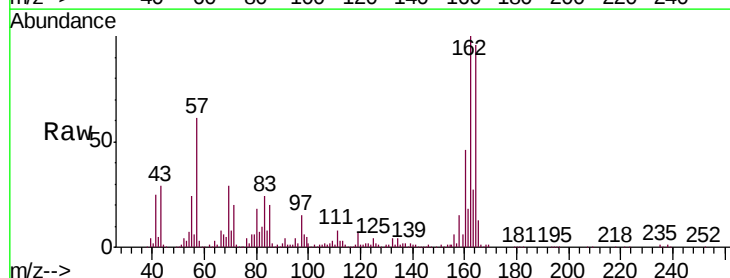
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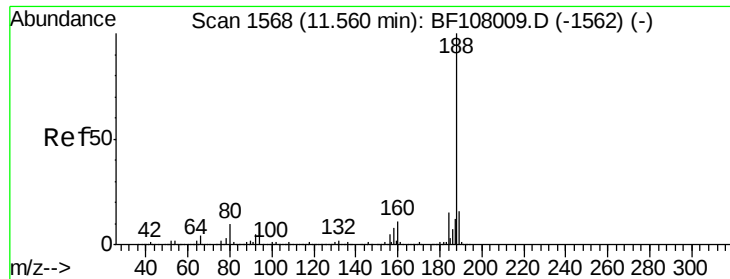
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	44.7	67.1#
89	1.9	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.149 ng
 RT: 10.05 min Scan# 1312
 Delta R.T. -0.19 min
 Lab File: BF108354.D
 Acq: 21 Aug 2018 22:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	36.4	54.6#
89	1.9	57.8	86.6#
182	2.1	1.6	2.4

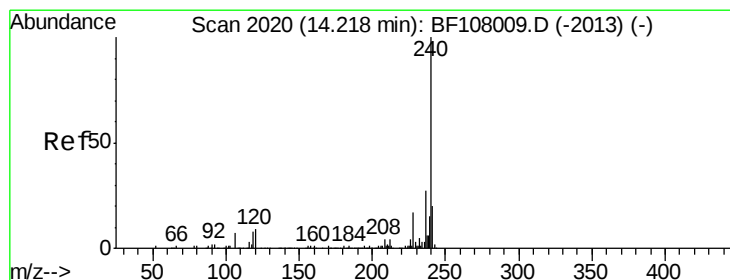
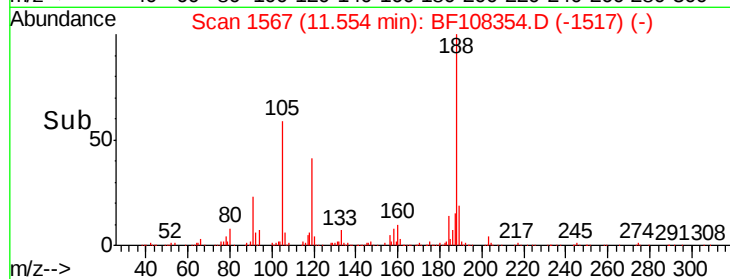
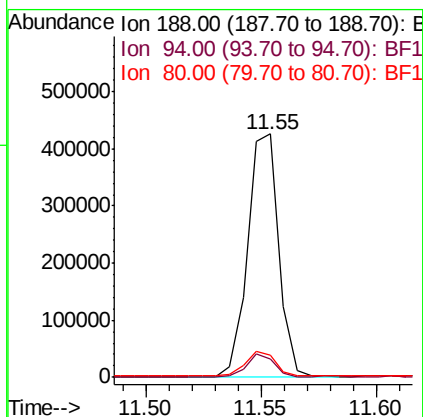
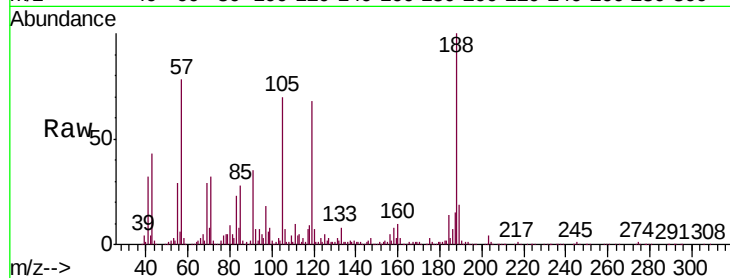




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108354.D
Acq: 21 Aug 2018 22:58

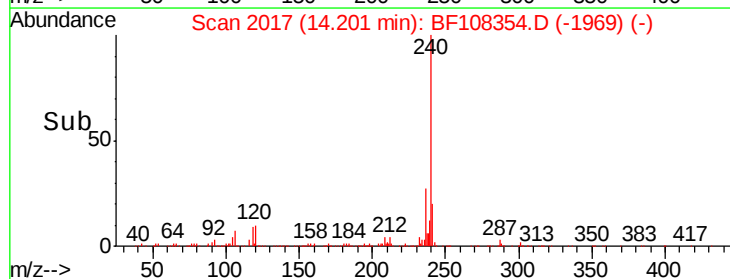
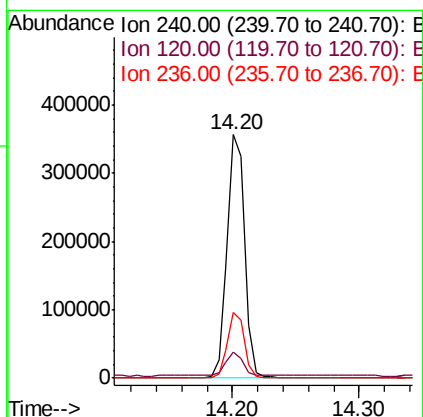
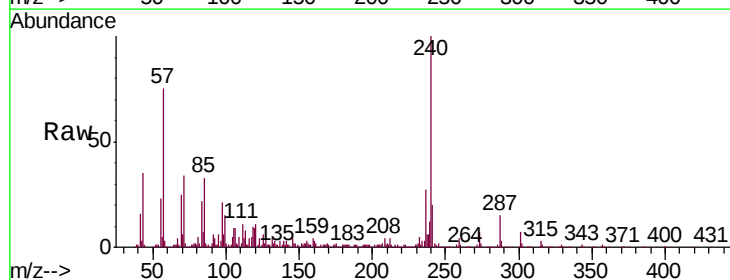
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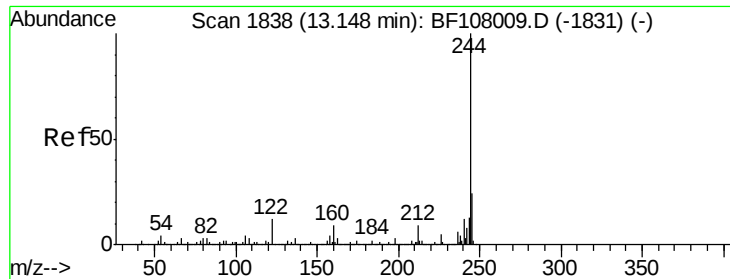
Tgt Ion:188 Resp: 402189
Ion Ratio Lower Upper
188 100
94 7.3 8.5 12.7#
80 9.0 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF108354.D
Acq: 21 Aug 2018 22:58

Tgt Ion:240 Resp: 341134
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 26.7 20.7 31.1





#78

Terphenyl-d14

Concen: 0.925 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF108354.D

Acq: 21 Aug 2018 22:58

Instrument :

BNA_F

ClientSampleId :

RB-BASELINE-WATER

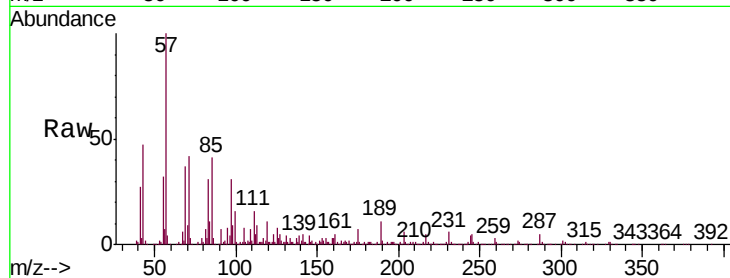
Tgt Ion:244 Resp: 12414

Ion Ratio Lower Upper

244 100

212 8.9 5.4 8.0#

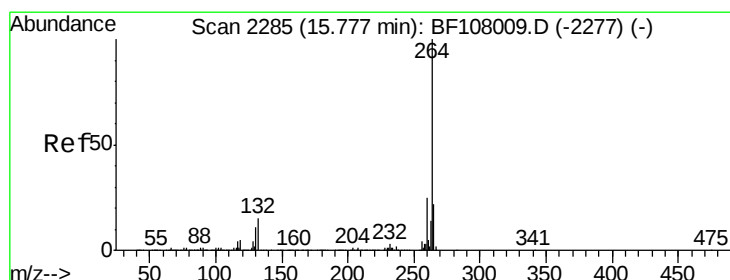
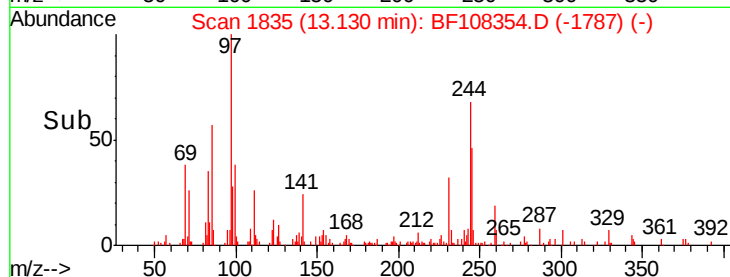
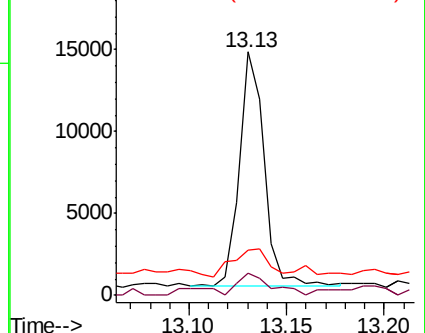
122 18.3 11.0 16.4#



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: 15.76 min Scan# 2282

Delta R.T. -0.02 min

Lab File: BF108354.D

Acq: 21 Aug 2018 22:58

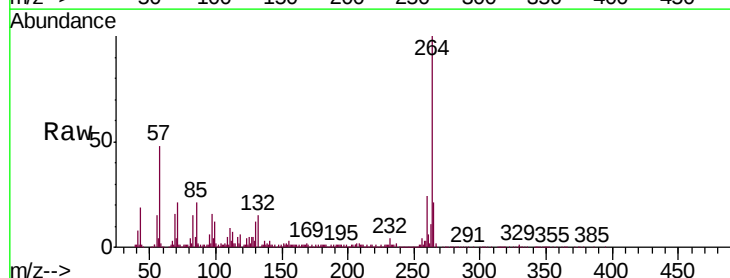
Tgt Ion:264 Resp: 340451

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.2 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

