

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
 Data File : BF108443.D
 Acq On : 24 Aug 2018 1:32
 Operator : JU/SJ
 Sample : J4283-05 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-082118

Quant Time: Aug 24 04:01:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

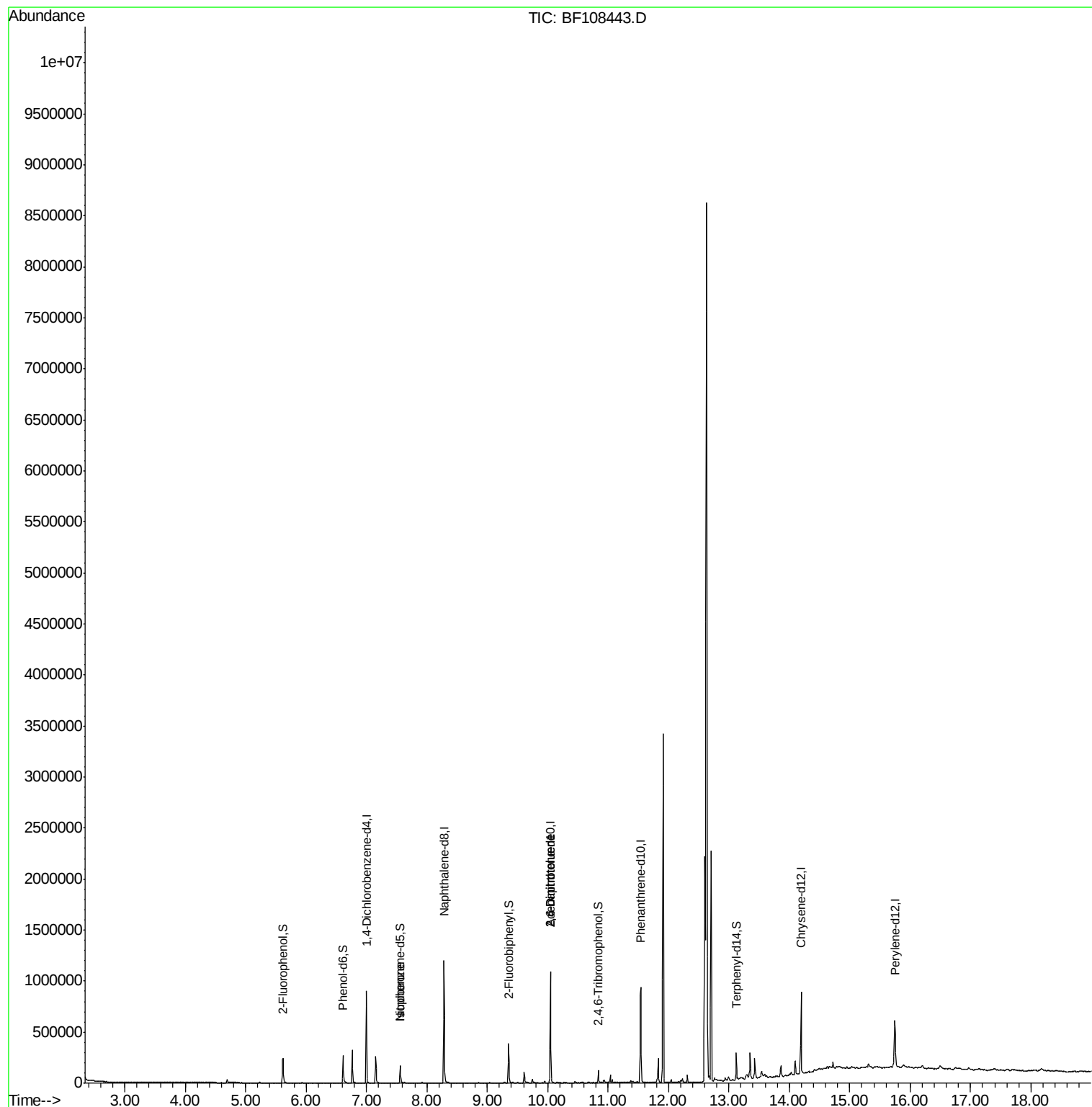
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	130500	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	488733	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	220810	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	353458	20.00	ng	0.00
75) Chrysene-d12	14.19	240	272739	20.00	ng	0.00
86) Perylene-d12	15.75	264	229870	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	69628	9.66	ng	-0.01
7) Phenol-d6	6.61	99	94856	9.90	ng	-0.02
23) Nitrobenzene-d5	7.56	82	58176	6.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	15882	7.21	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	115161	8.37	ng	-0.01
78) Terphenyl-d14	13.12	244	84107	7.84	ng	0.00
Target Compounds						
25) Isophorone	7.56	82	58176	3.485	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	26920	8.365	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	26920	6.499	ng	# 23

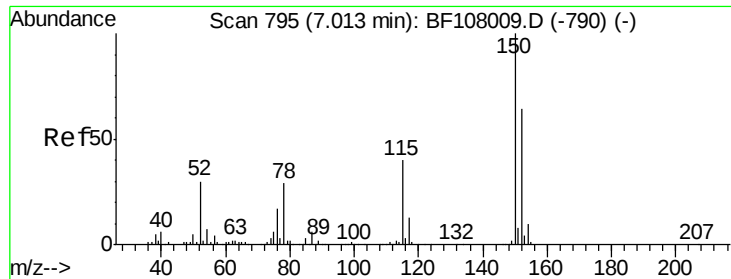
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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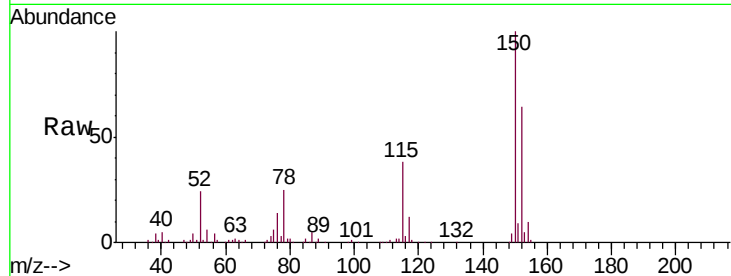


#1

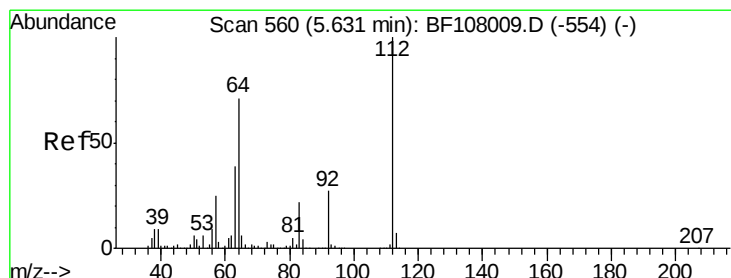
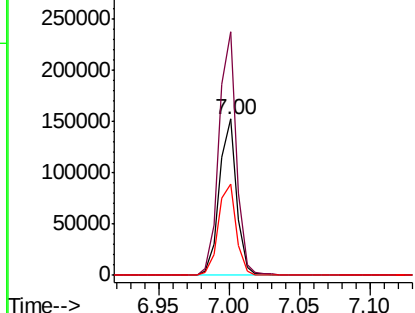
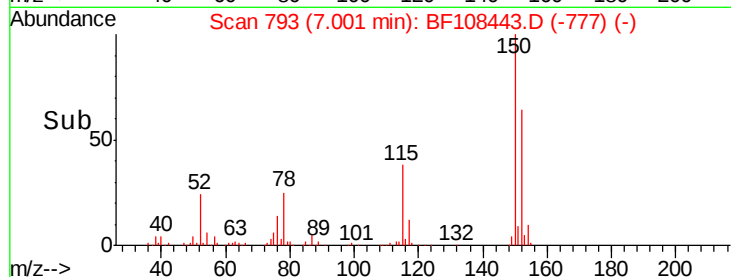
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108443.D
Acq: 24 Aug 2018 1:32

Instrument :
BNA_F
ClientSampleId :
TR-04-082118

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	58.4	50.1	75.1



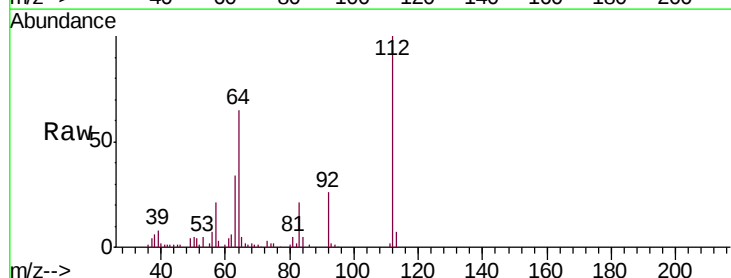
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



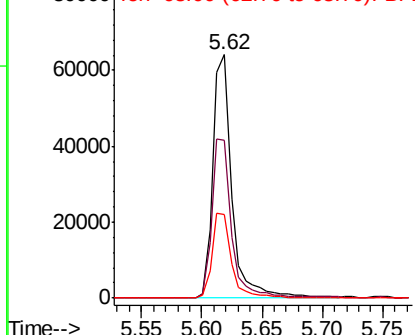
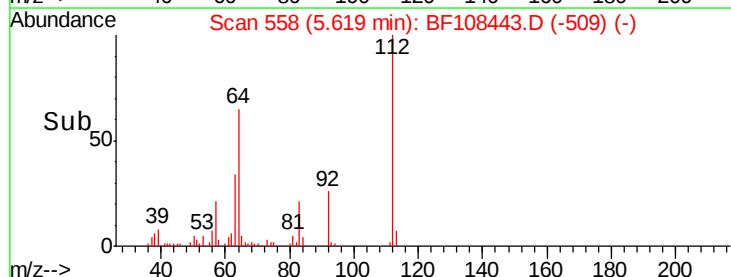
#5

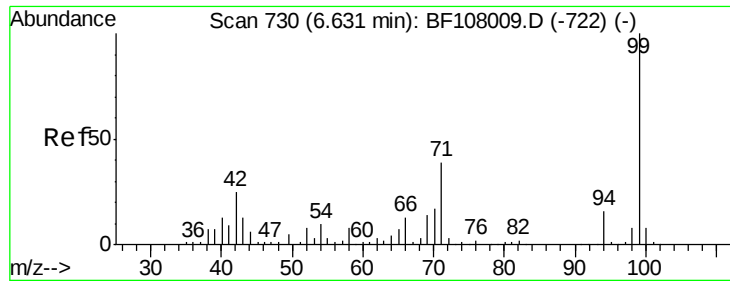
2-Fluorophenol
Concen: 9.660 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108443.D
Acq: 24 Aug 2018 1:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	34.4	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: 9.903 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108443.D

Acq: 24 Aug 2018 1:32

Instrument :

BNA_F

ClientSampleId :

TR-04-082118

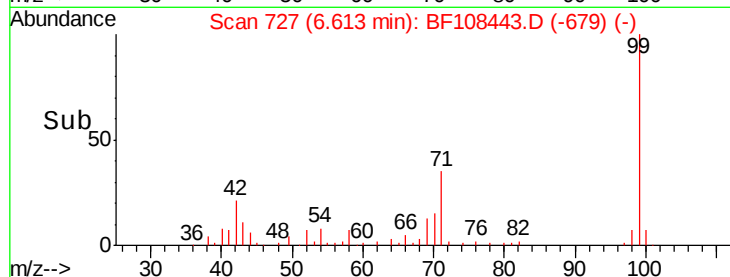
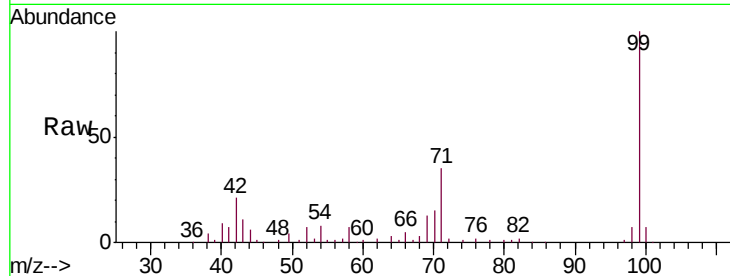
Tgt Ion: 99 Resp: 94856

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

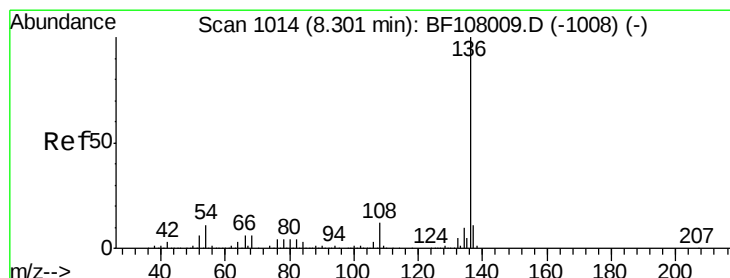
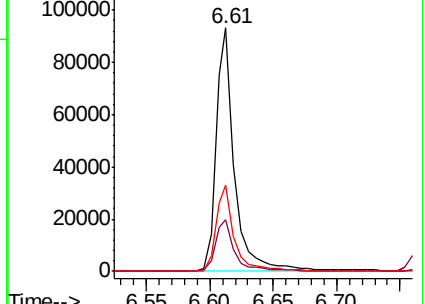
71 35.4 25.4 38.0



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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108443.D

Acq: 24 Aug 2018 1:32

Tgt Ion: 136 Resp: 488733

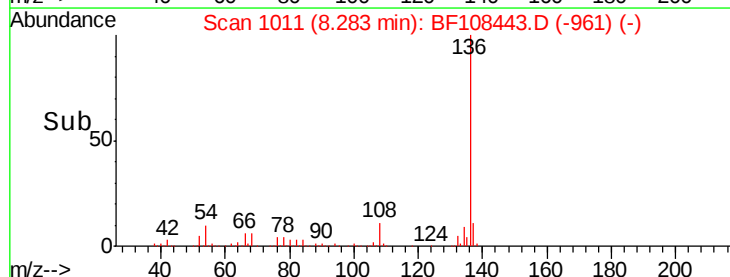
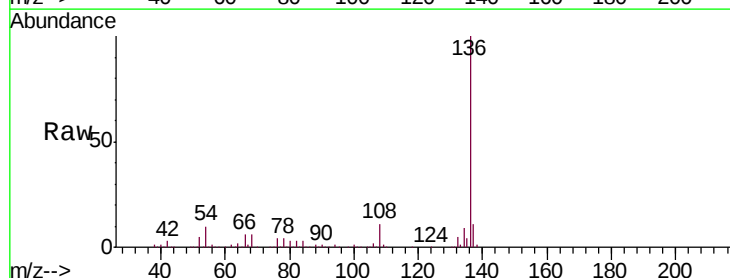
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.6 6.6 9.8

68 5.6 5.0 7.4

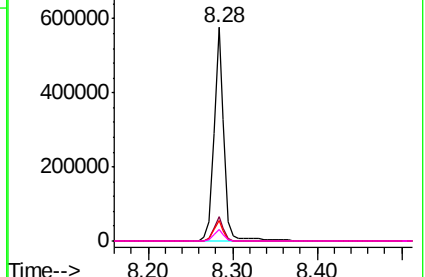


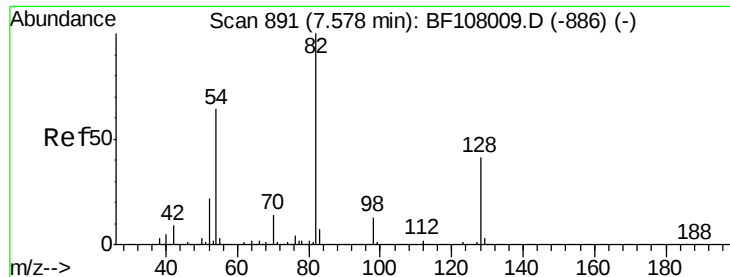
Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.642 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF108443.D

Acq: 24 Aug 2018 1:32

Instrument :

BNA_F

ClientSampleId :

TR-04-082118

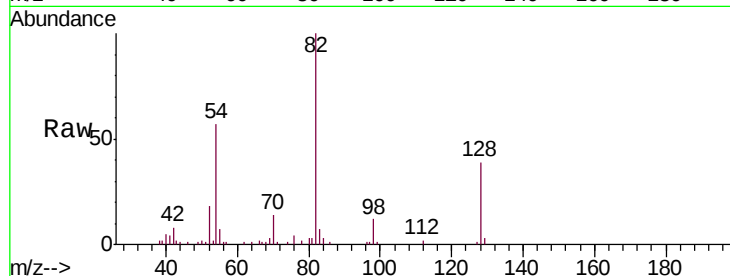
Tgt Ion: 82 Resp: 58176

Ion Ratio Lower Upper

82 100

128 39.1 36.1 54.1

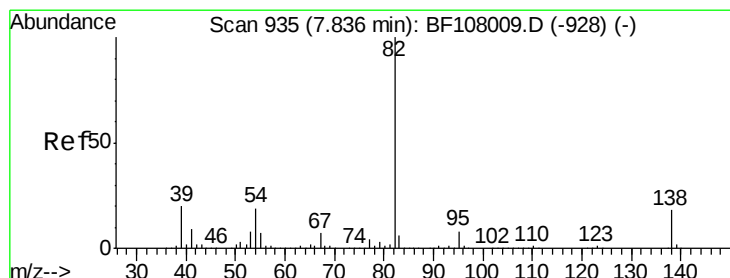
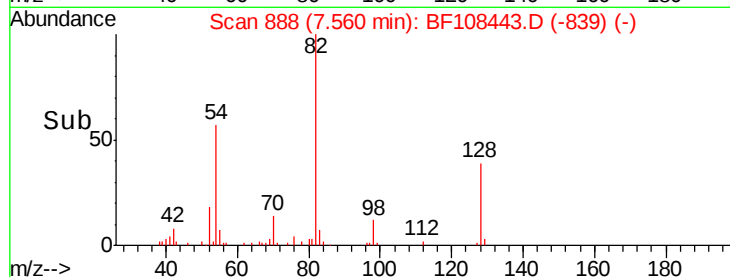
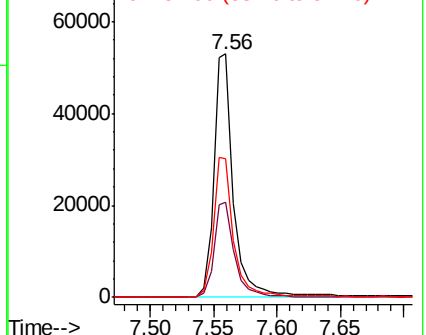
54 57.2 41.4 62.2



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



#25

Isophorone

Concen: 3.485 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.27 min

Lab File: BF108443.D

Acq: 24 Aug 2018 1:32

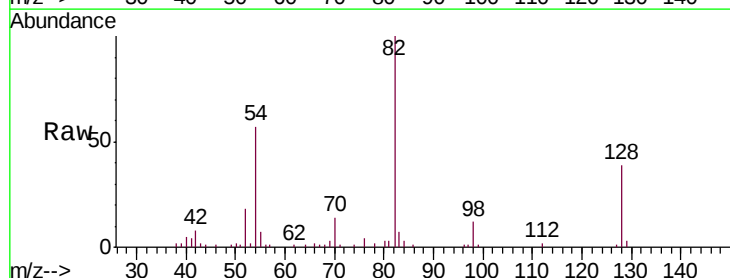
Tgt Ion: 82 Resp: 58176

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

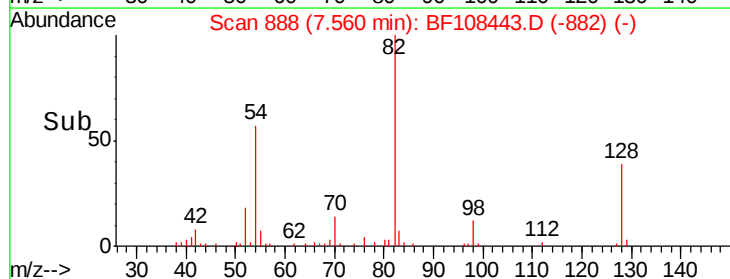
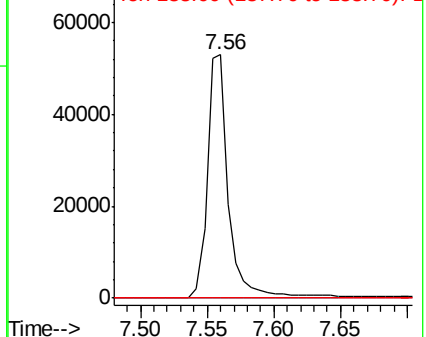
138 0.0 14.9 22.3#

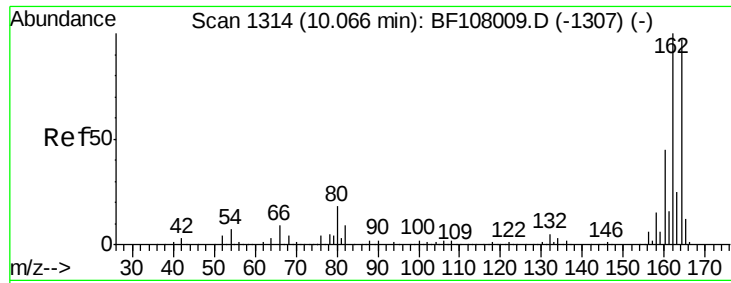


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108443.D

Acq: 24 Aug 2018 1:32

Instrument :

BNA_F

ClientSampleId :

TR-04-082118

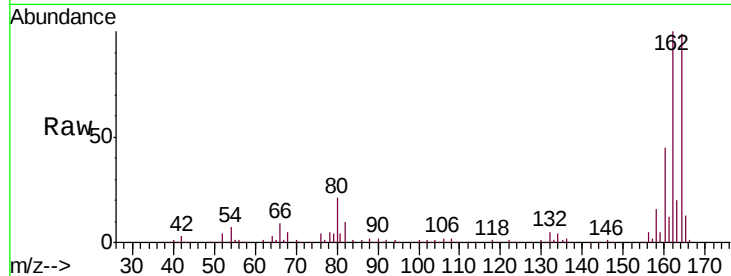
Tgt Ion:164 Resp: 220810

Ion Ratio Lower Upper

164 100

162 100.8 86.1 129.1

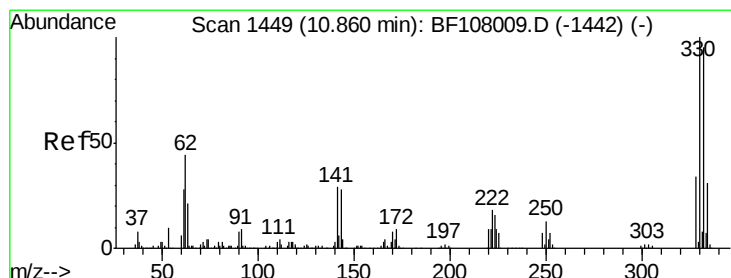
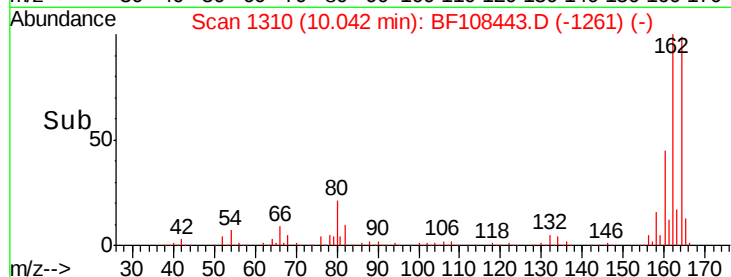
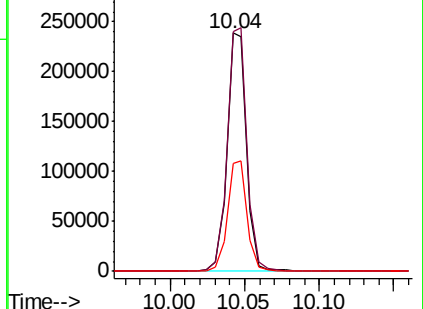
160 45.2 38.3 57.5



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: 7.211 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF108443.D

Acq: 24 Aug 2018 1:32

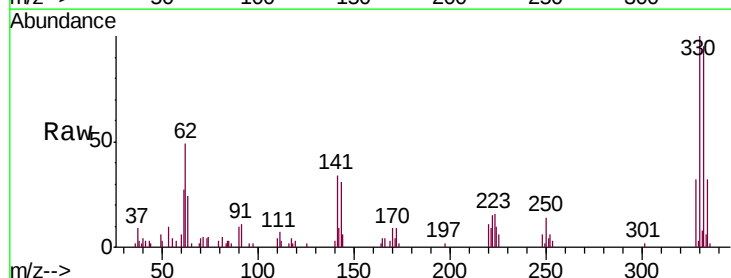
Tgt Ion:330 Resp: 15882

Ion Ratio Lower Upper

330 100

332 93.0 77.0 115.6

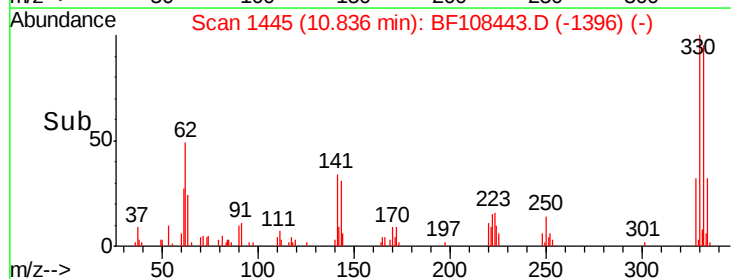
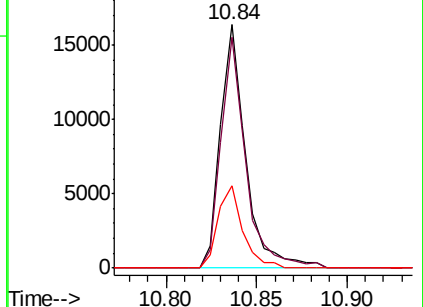
141 32.8 29.9 44.9

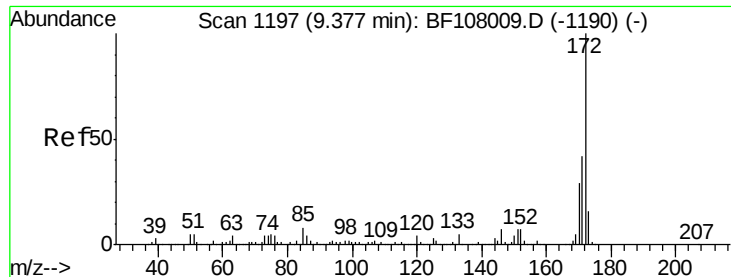


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

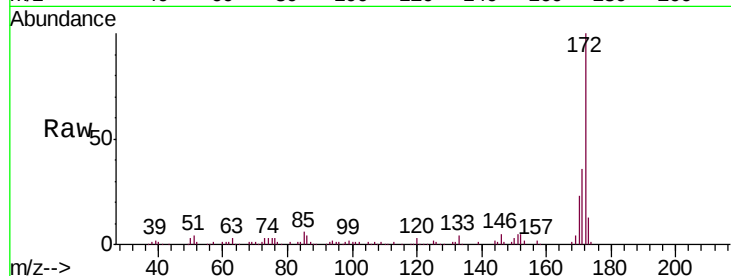




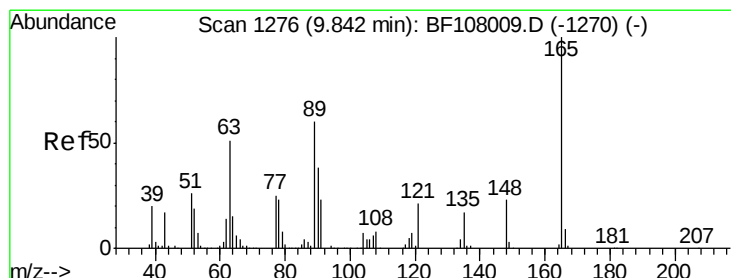
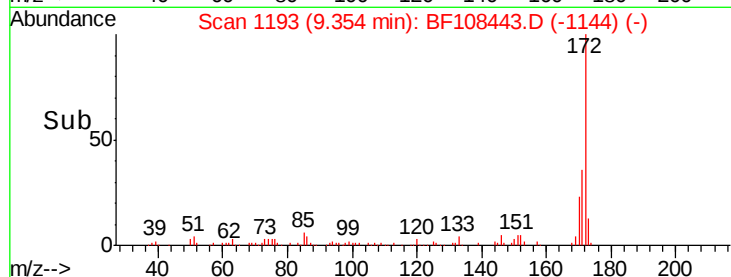
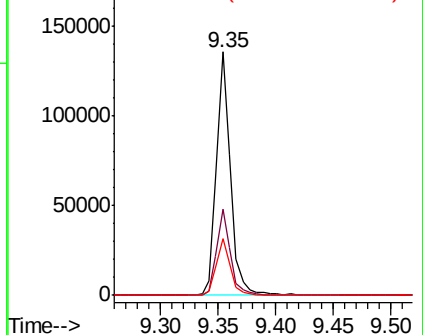
#44
2-Fluorobiphenyl
Concen: 8.373 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108443.D
Acq: 24 Aug 2018 1:32

Instrument :
BNA_F
ClientSampleId :
TR-04-082118

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.1	19.6	29.4

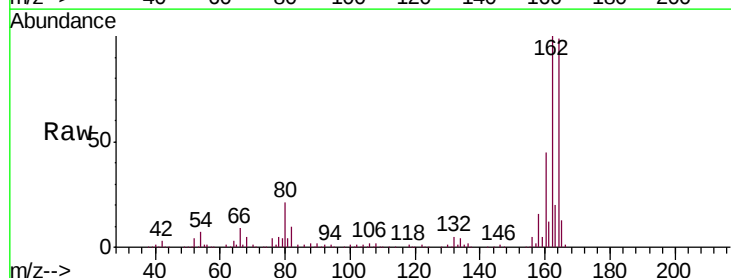


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

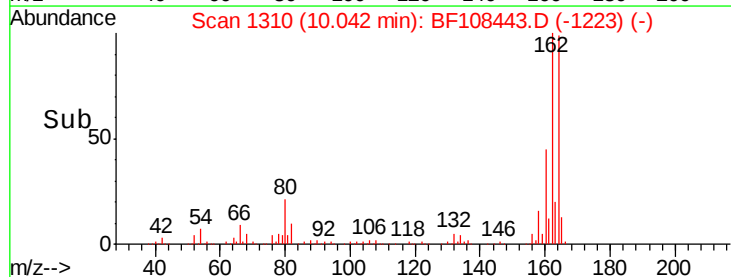
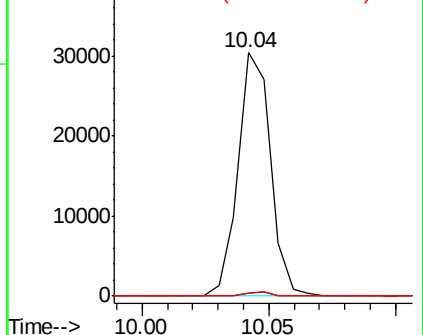


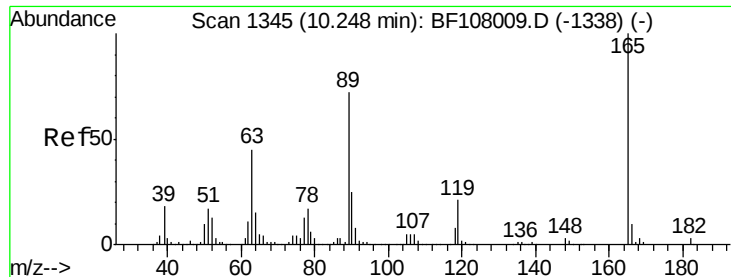
#50
2,6-Dinitrotoluene
Concen: 8.365 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108443.D
Acq: 24 Aug 2018 1:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.4	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

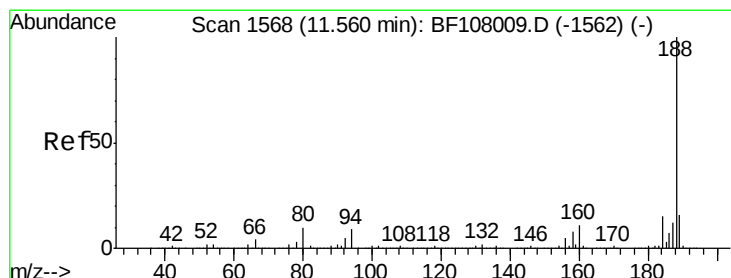
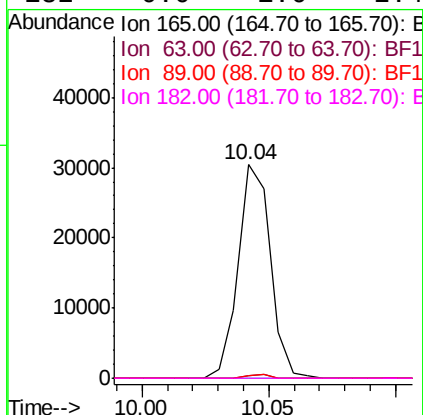
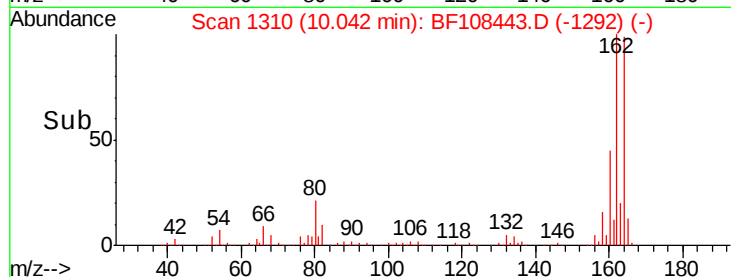
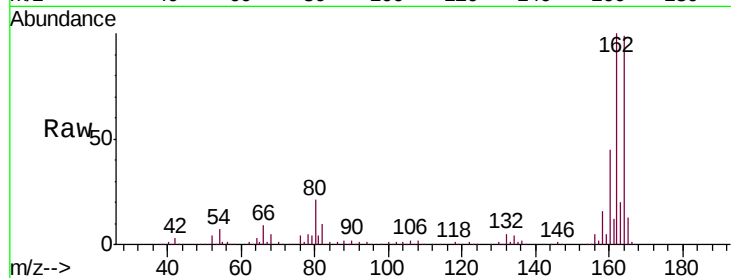




#56
 2,4-Dinitrotoluene
 Concen: 6.499 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108443.D
 Acq: 24 Aug 2018 1:32

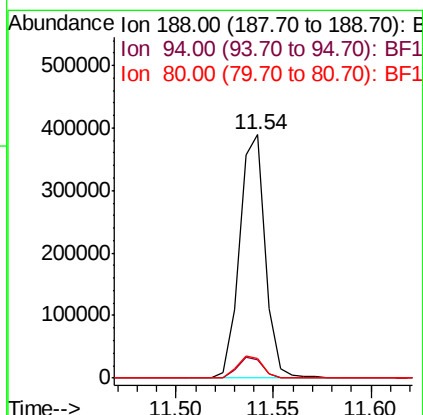
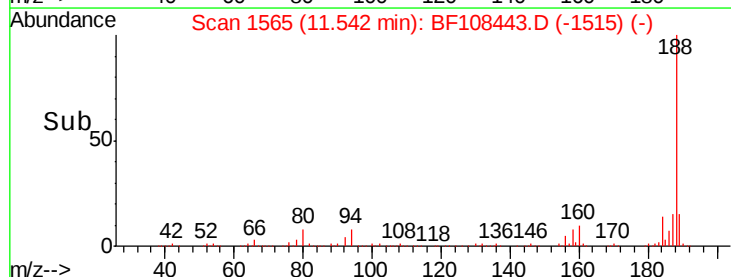
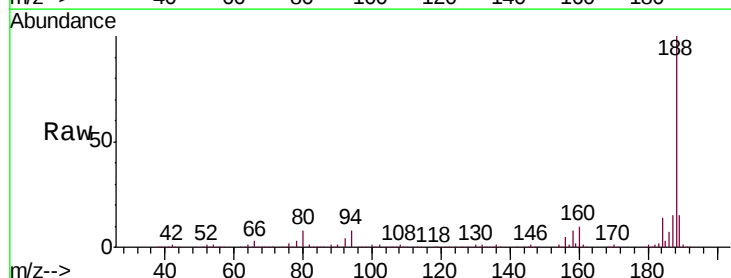
Instrument :
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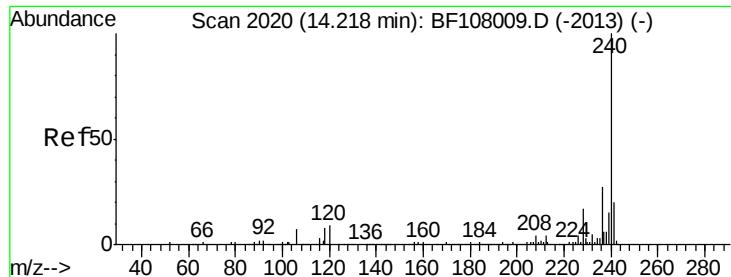
Tgt Ion:	165	Resp:	26920
Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108443.D
 Acq: 24 Aug 2018 1:32

Tgt Ion:	188	Resp:	353458
Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.2	9.2	13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108443.D

Acq: 24 Aug 2018 1:32

Instrument :

BNA_F

ClientSampleId :

TR-04-082118

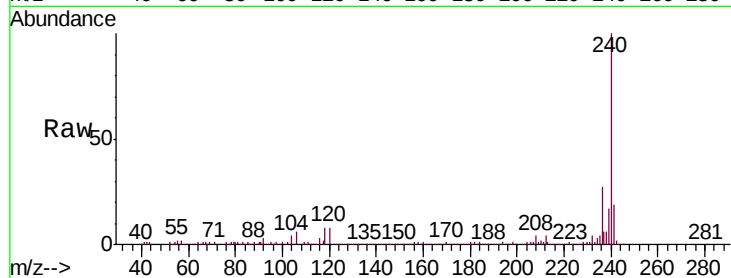
Tgt Ion:240 Resp: 272739

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

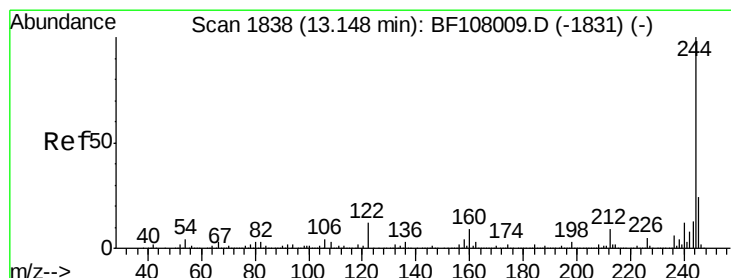
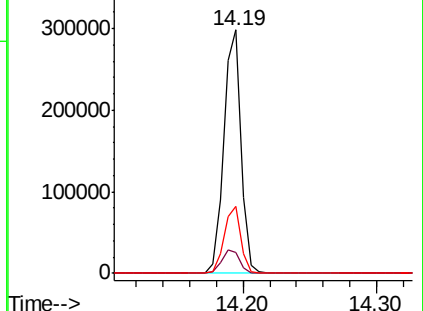
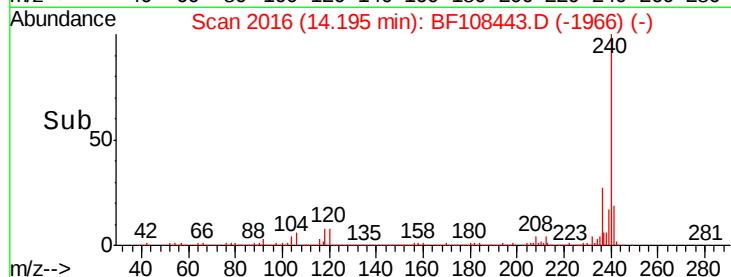
236 27.3 20.7 31.1



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: 7.841 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108443.D

Acq: 24 Aug 2018 1:32

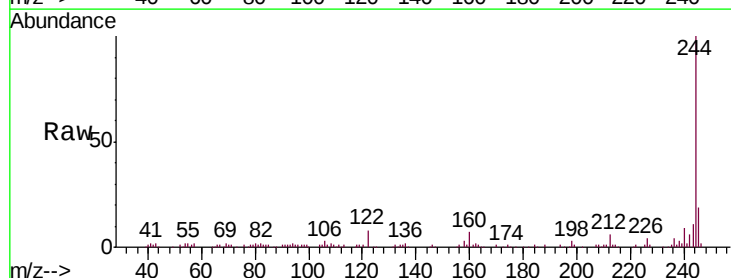
Tgt Ion:244 Resp: 84107

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

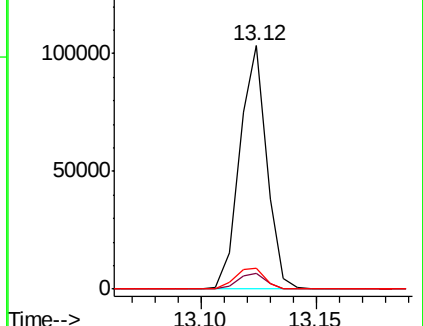
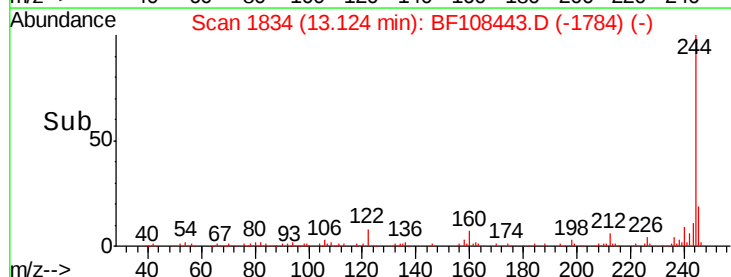
122 8.3 11.0 16.4#

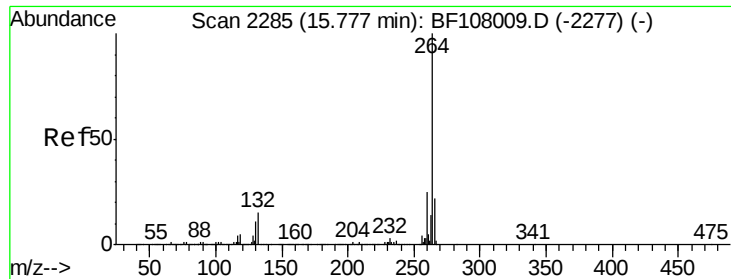


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108443.D
Acq: 24 Aug 2018 1:32

Instrument :
BNA_F
ClientSampleId :
TR-04-082118

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.7	17.5	26.3

