

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082418\
 Data File : BF108489.D
 Acq On : 25 Aug 2018 4:02
 Operator : JU/SJ
 Sample : J4636-01 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Aug 25 05:34:26 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

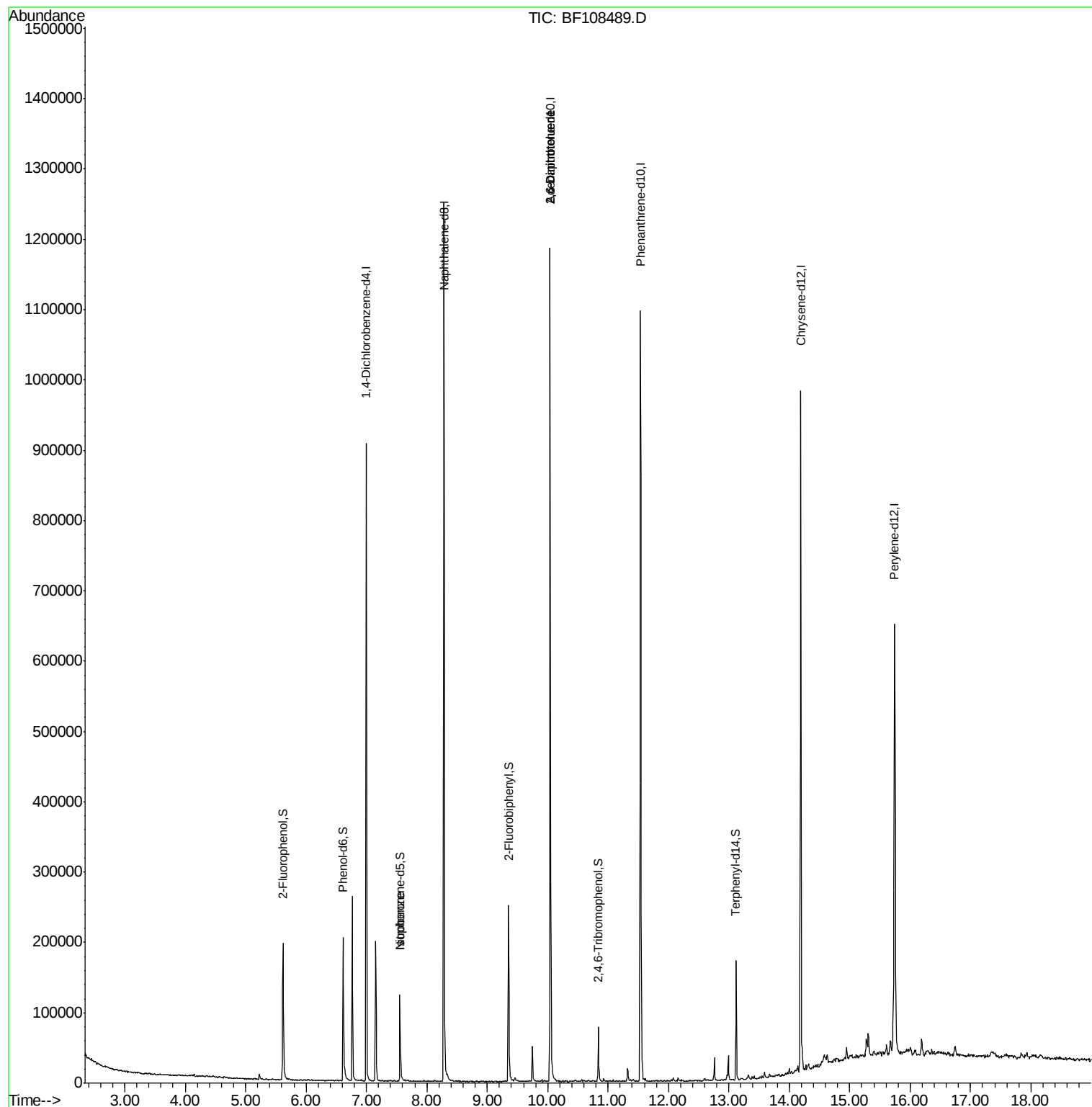
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	140073	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	539029	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	248596	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	410673	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	323583	20.00	ng	-0.01
86) Perylene-d12	15.75	264	324527	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	53176	6.87	ng	-0.01
7) Phenol-d6	6.61	99	74461	7.24	ng	-0.02
23) Nitrobenzene-d5	7.55	82	46976	4.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	11729	4.73	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	90275	5.83	ng	-0.01
78) Terphenyl-d14	13.12	244	60117	4.72	ng	-0.01
Target Compounds						
25) Isophorone	7.55	82	46976	2.551	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	31911	8.808	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	31911	6.843	ng	# 23

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

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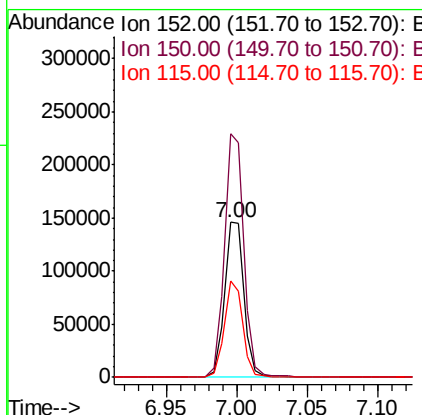
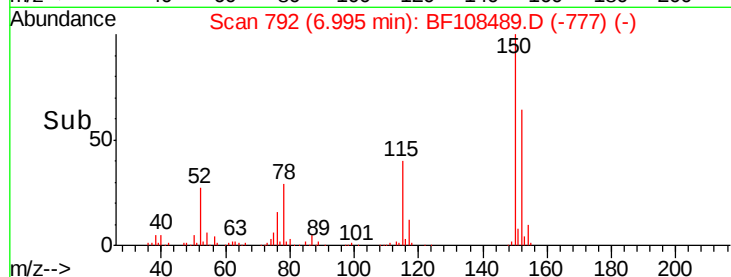
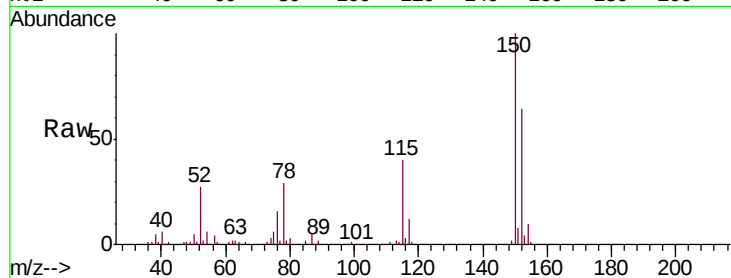


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Instrument :
BNA_F
ClientSampleId :
DFTPP

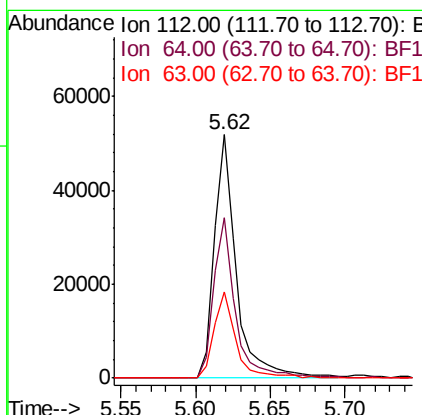
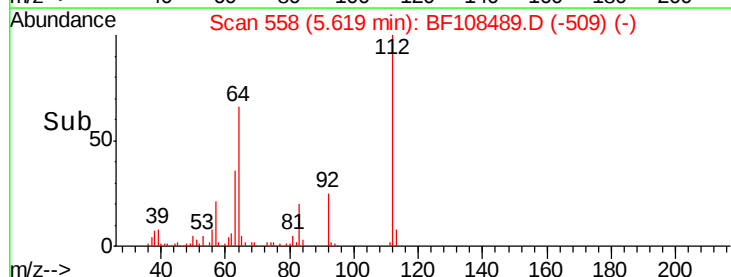
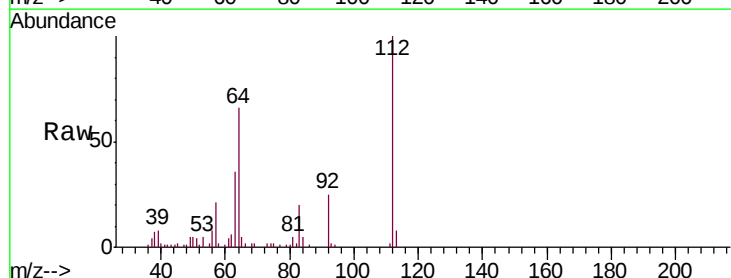
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	62.5	50.1	75.1



#5

2-Fluorophenol
Concen: 6.873 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108489.D
Acq: 25 Aug 2018 4:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	35.6	23.7	35.5#





#7

Phenol-d6

Concen: 7.242 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108489.D

Acq: 25 Aug 2018 4:02

Instrument :

BNA_F

ClientSampleId :

DFTPP

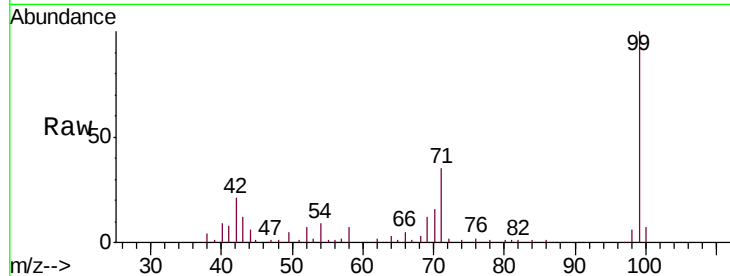
Tgt Ion: 99 Resp: 74461

Ion Ratio Lower Upper

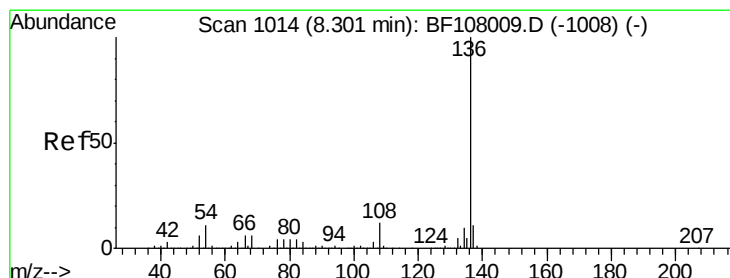
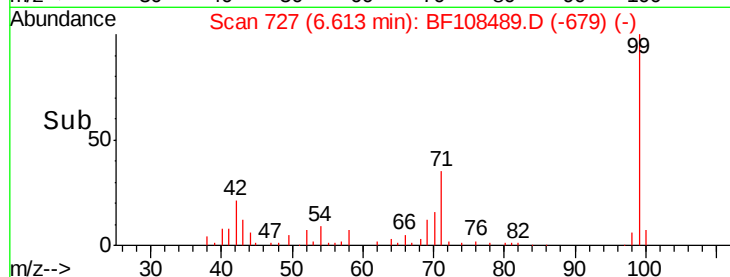
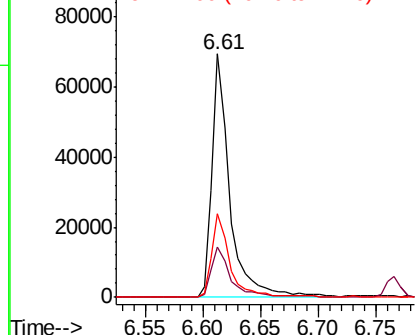
99 100

42 20.8 14.5 21.7

71 34.5 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: BF108489.D

Acq: 25 Aug 2018 4:02

Tgt Ion: 136 Resp: 539029

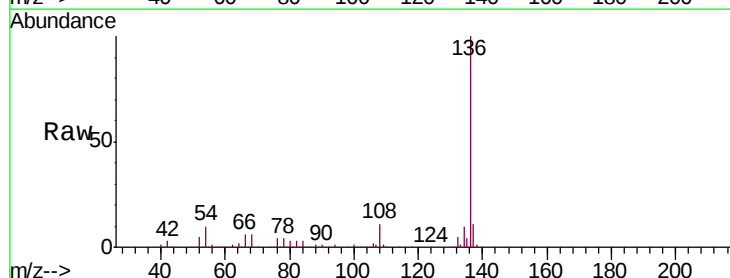
Ion Ratio Lower Upper

136 100

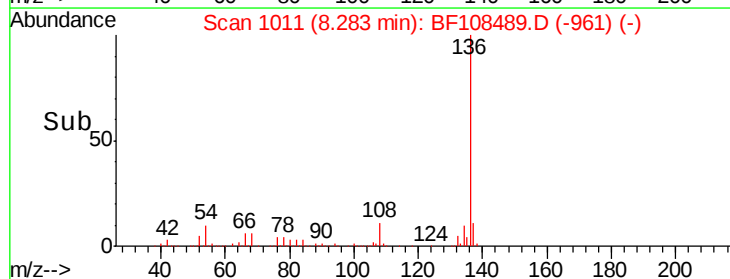
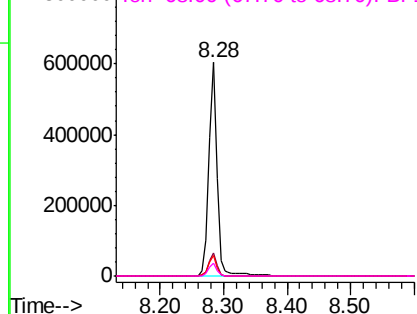
137 10.8 8.9 13.3

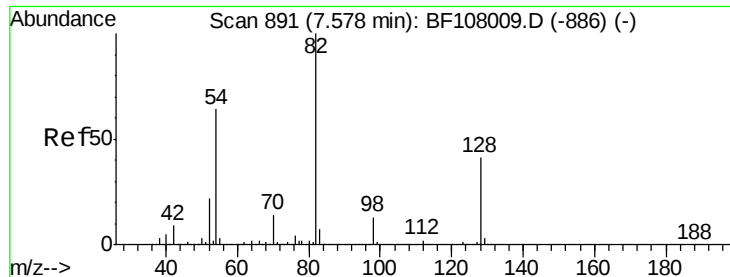
54 9.7 6.6 9.8

68 5.8 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: 4.863 ng

RT: 7.55 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF108489.D

Acq: 25 Aug 2018 4:02

Instrument :

BNA_F

ClientSampleId :

DFTPP

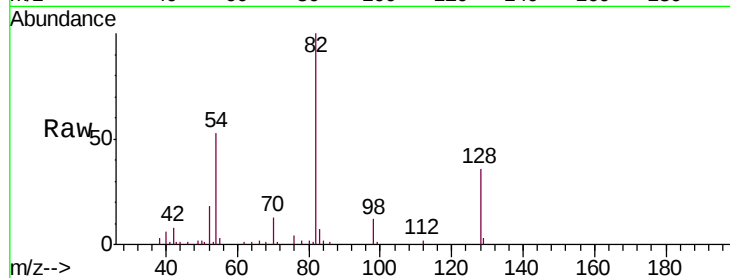
Tgt Ion: 82 Resp: 46976

Ion Ratio Lower Upper

82 100

128 36.4 36.1 54.1

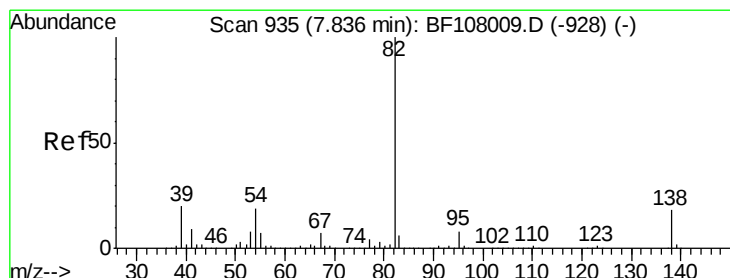
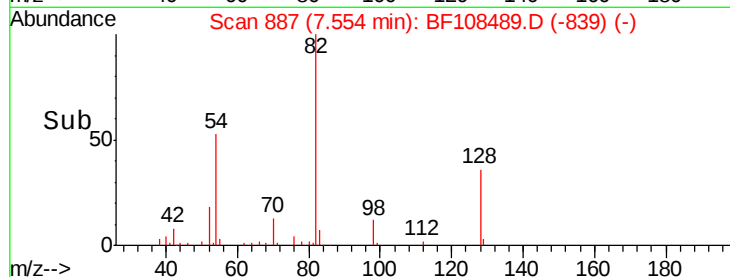
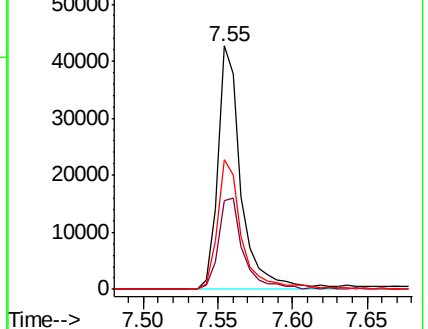
54 53.1 41.4 62.2



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



#25

Isophorone

Concen: 2.551 ng

RT: 7.55 min Scan# 887

Delta R.T. -0.27 min

Lab File: BF108489.D

Acq: 25 Aug 2018 4:02

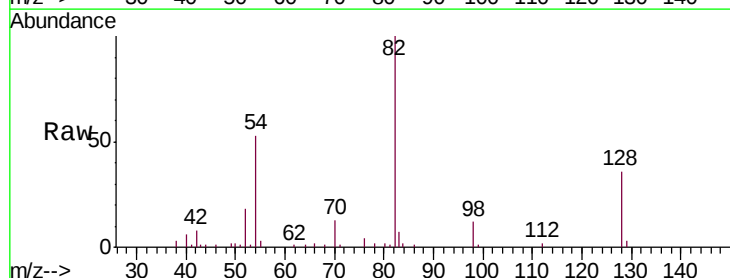
Tgt Ion: 82 Resp: 46976

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

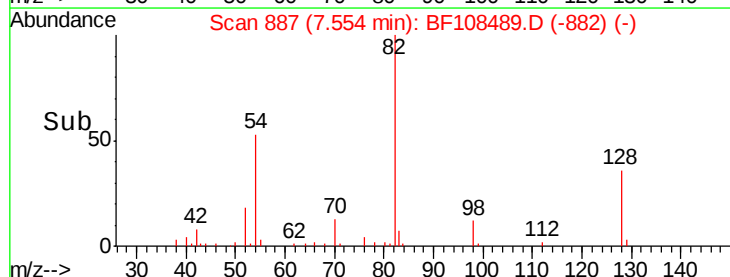
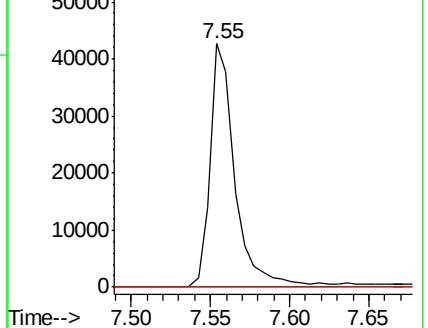
138 0.0 14.9 22.3#

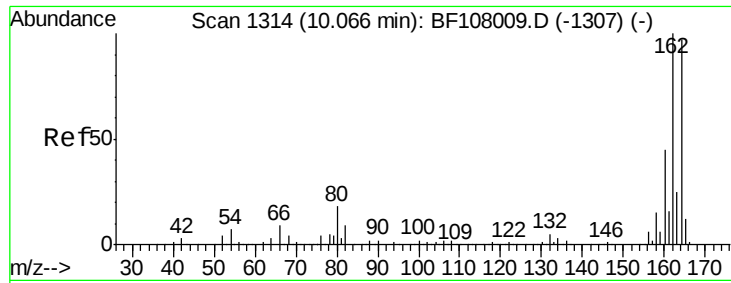


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF108489.D

Acq: 25 Aug 2018 4:02

Instrument :

BNA_F

ClientSampleId :

DFTPP

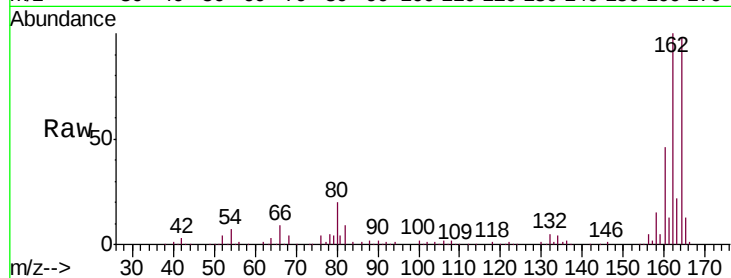
Tgt Ion:164 Resp: 248596

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

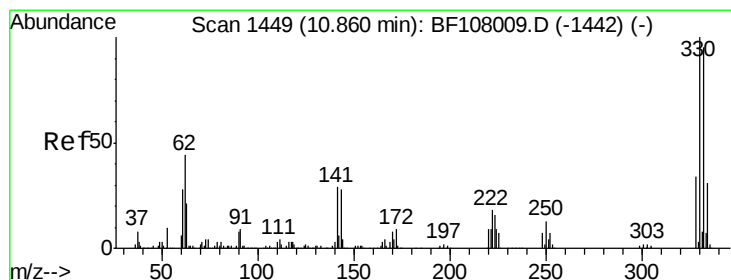
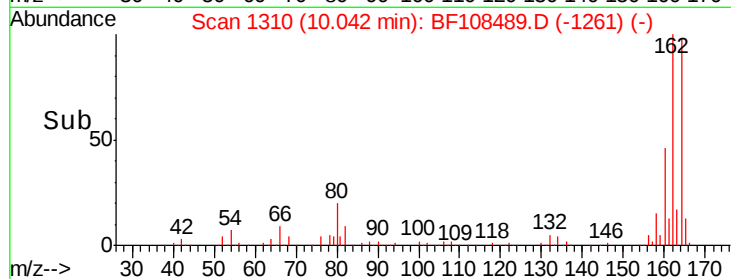
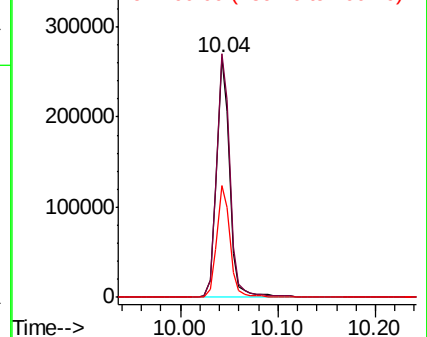
160 46.5 38.3 57.5



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: 4.730 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF108489.D

Acq: 25 Aug 2018 4:02

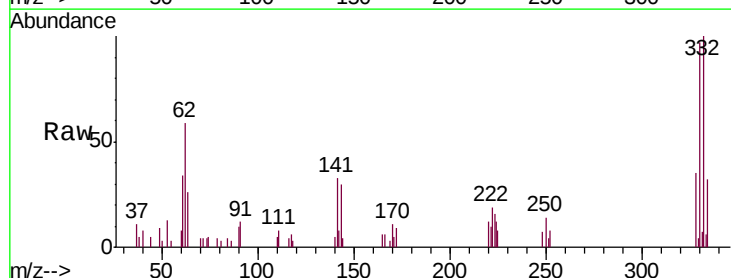
Tgt Ion:330 Resp: 11729

Ion Ratio Lower Upper

330 100

332 102.1 77.0 115.6

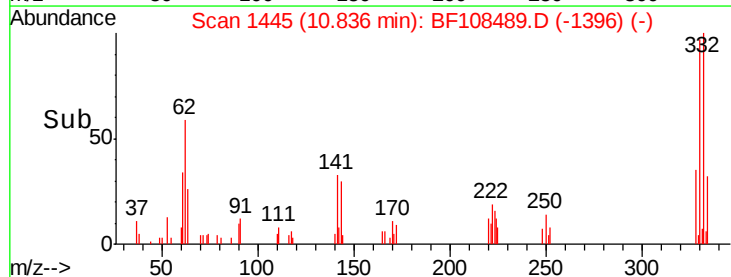
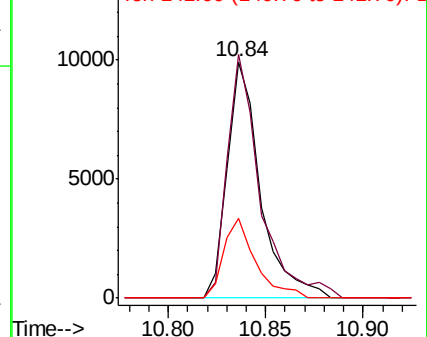
141 32.4 29.9 44.9

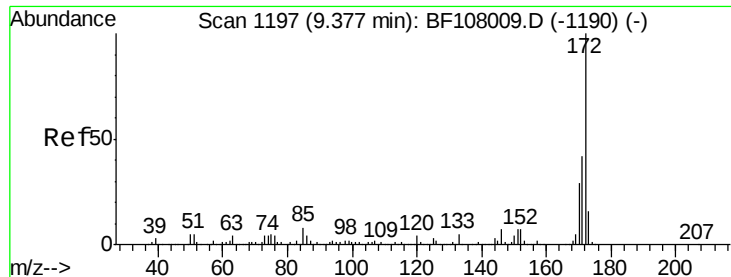


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

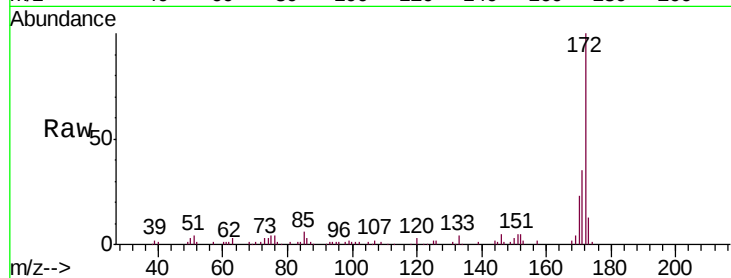




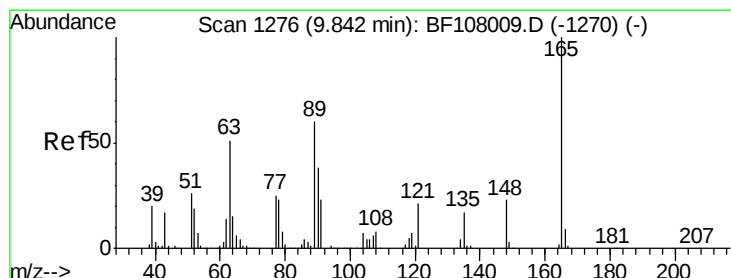
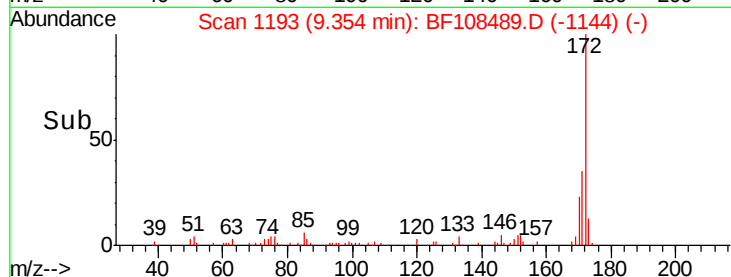
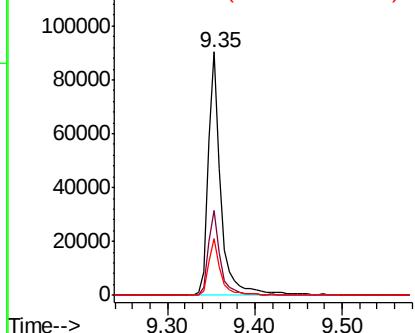
#44
 2-Fluorobiphenyl
 Concen: 5.830 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108489.D
 Acq: 25 Aug 2018 4:02

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:172 Resp: 90275
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.7 44.5
 170 23.2 19.6 29.4

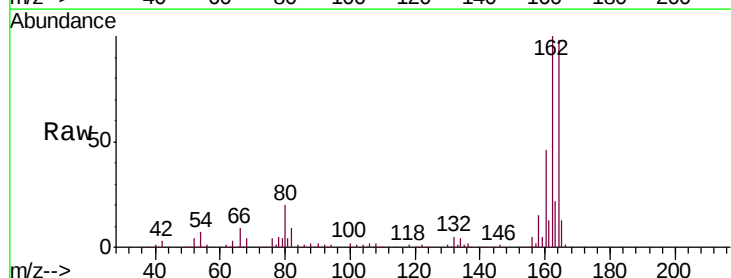


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

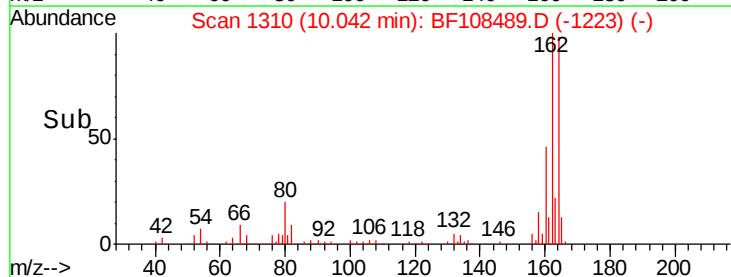
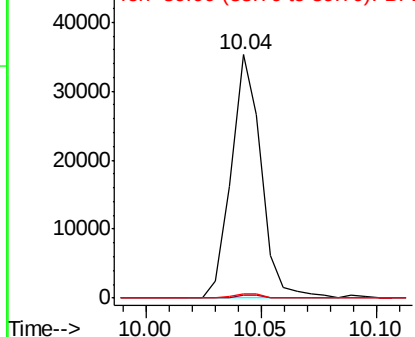


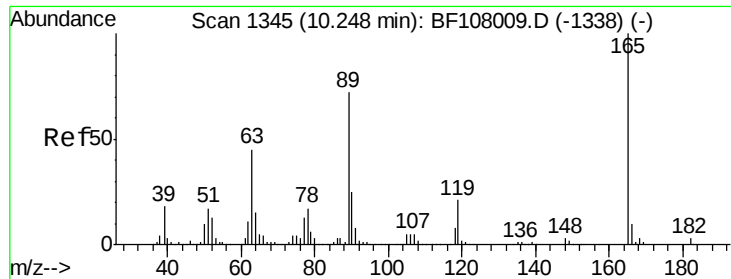
#50
 2,6-Dinitrotoluene
 Concen: 8.808 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108489.D
 Acq: 25 Aug 2018 4:02

Tgt Ion:165 Resp: 31911
 Ion Ratio Lower Upper
 165 100
 63 1.2 44.7 67.1#
 89 1.7 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

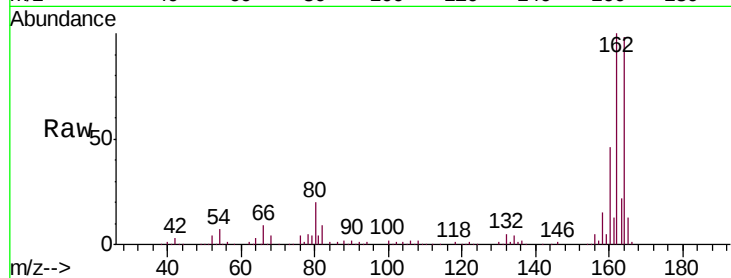




#56
 2,4-Dinitrotoluene
 Concen: 6.843 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108489.D
 Acq: 25 Aug 2018 4:02

Instrument :
 BNA_F
 ClientSampled :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

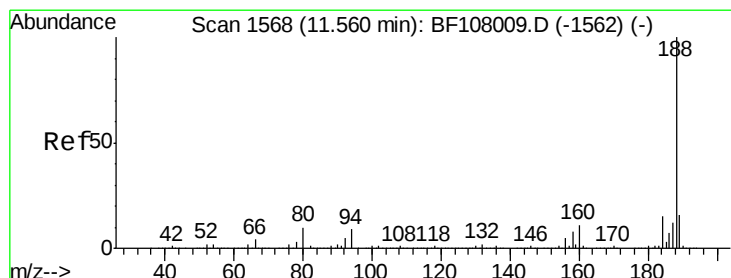
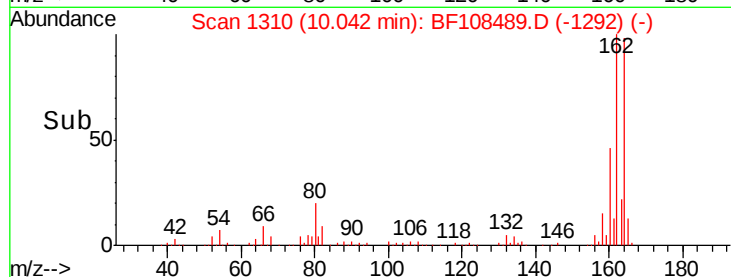
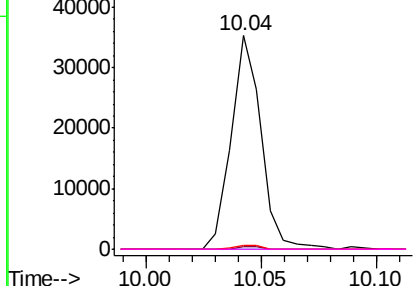


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

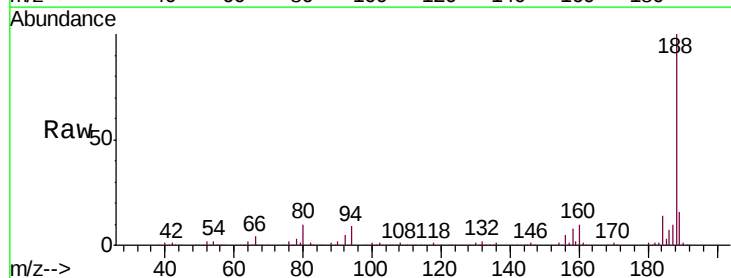
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108489.D
 Acq: 25 Aug 2018 4:02

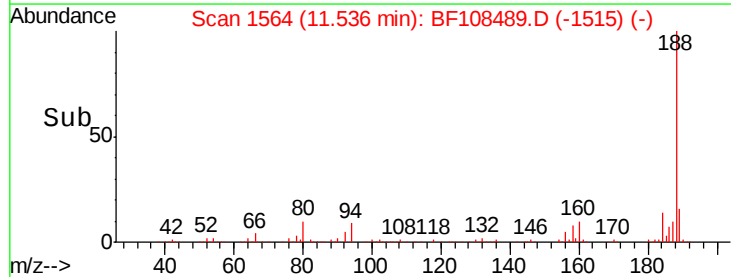
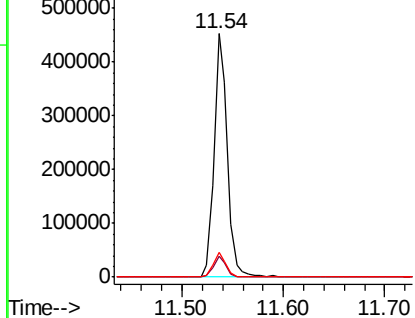
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	10.1	9.2	13.8

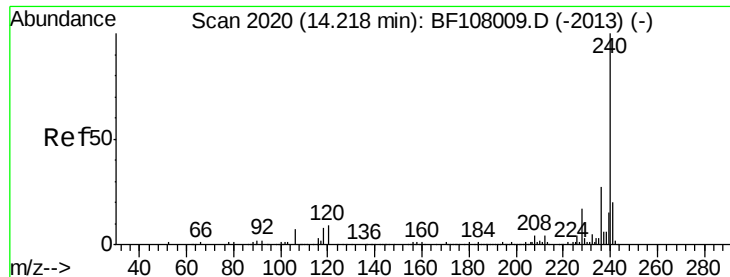


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108489.D

Acq: 25 Aug 2018 4:02

Instrument :

BNA_F

ClientSampleId :

DFTPP

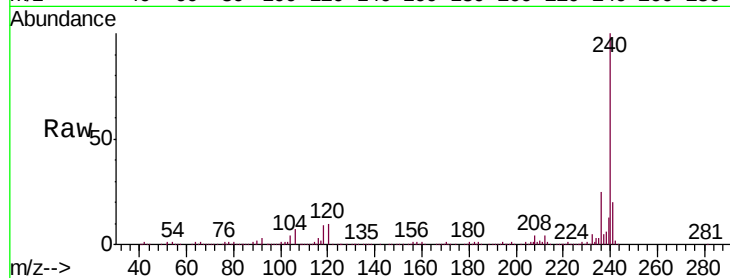
Tgt Ion:240 Resp: 323583

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

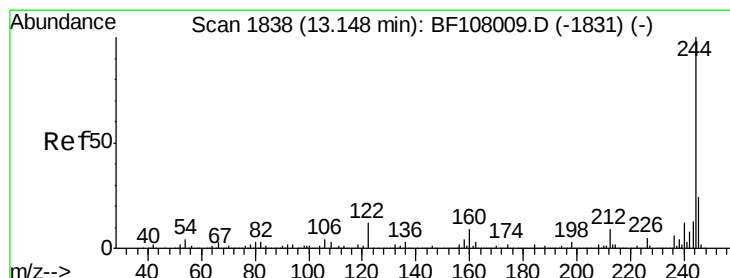
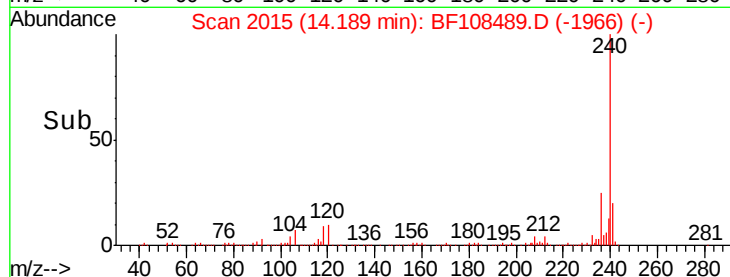
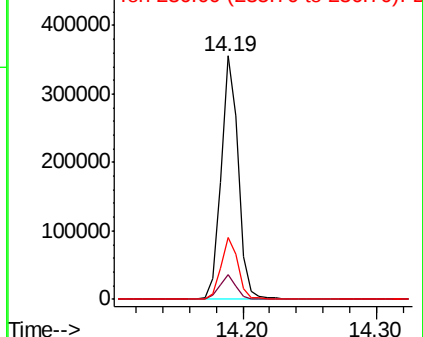
236 25.3 20.7 31.1



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: 4.724 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108489.D

Acq: 25 Aug 2018 4:02

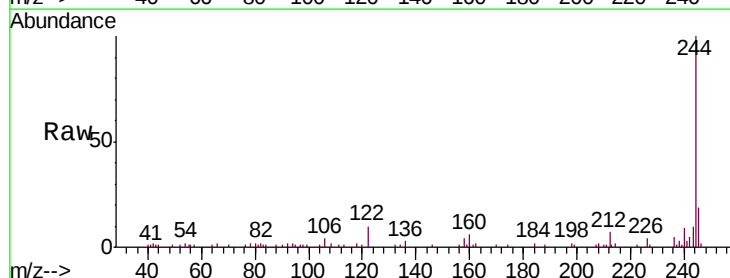
Tgt Ion:244 Resp: 60117

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

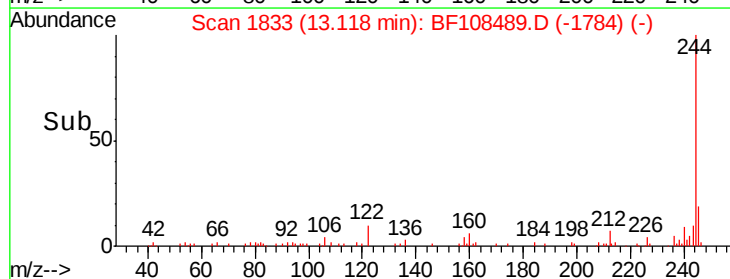
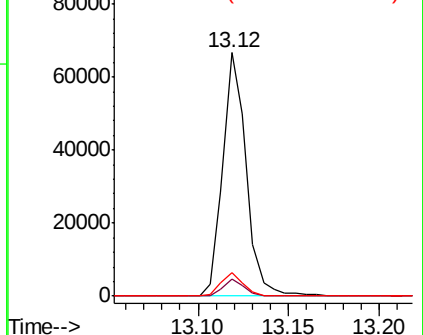
122 9.6 11.0 16.4#

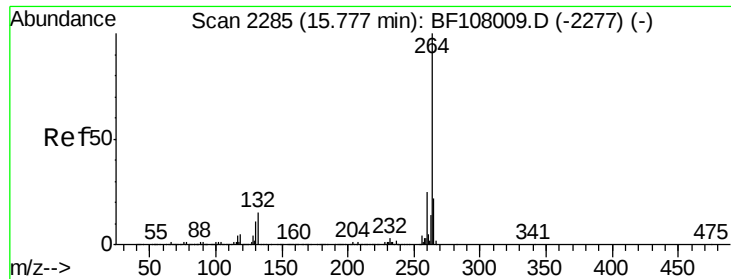


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108489.D
Acq: 25 Aug 2018 4:02

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.3	17.5	26.3

