

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108504.D
 Acq On : 27 Aug 2018 12:28
 Operator : JU/SJ
 Sample : J4282-13 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 13:00:36 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

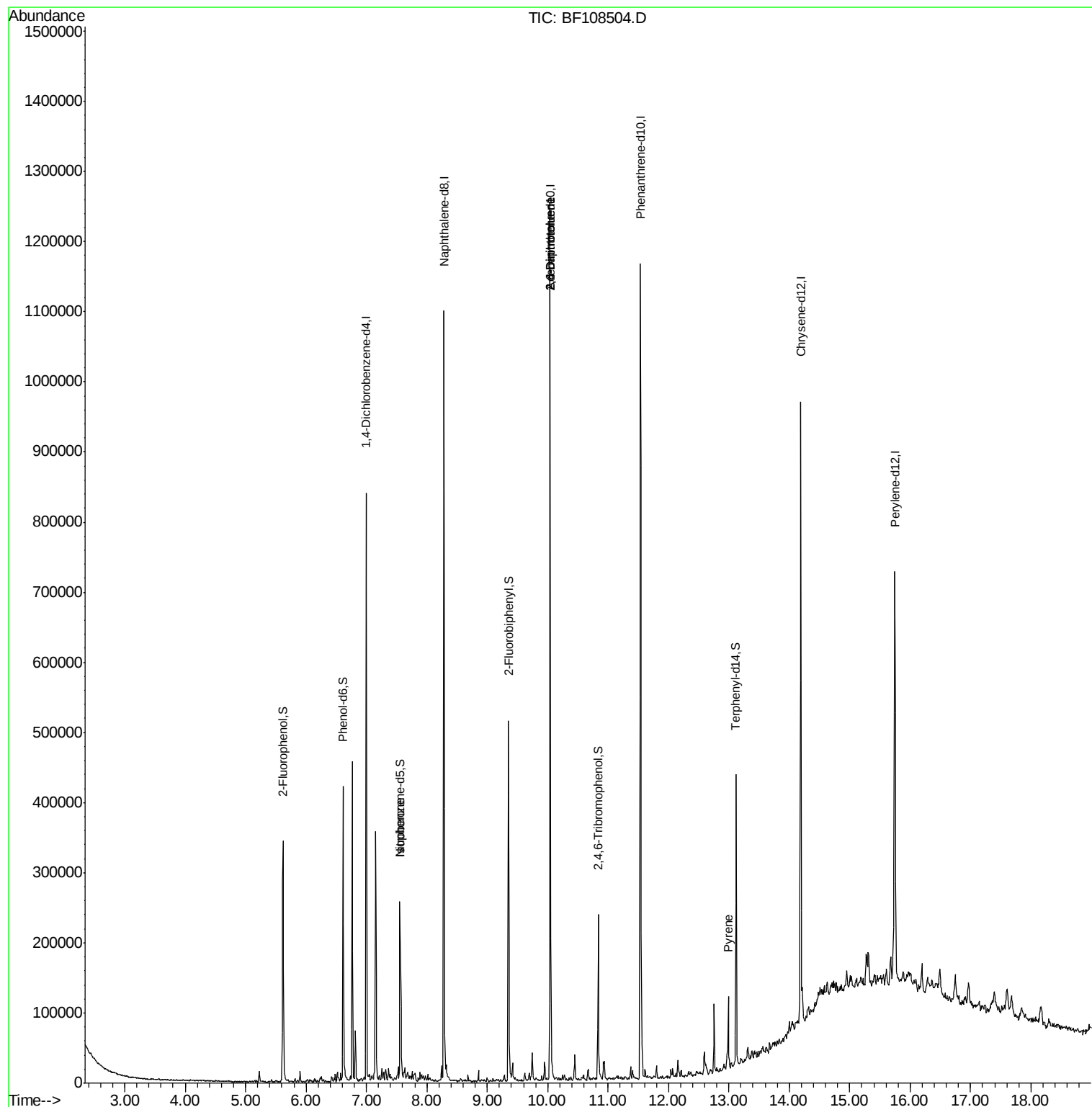
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	119117	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	476970	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	236673	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	427027	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	293675	20.00	ng	-0.01
86) Perylene-d12	15.75	264	300146	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	92231	14.02	ng	-0.01
7) Phenol-d6	6.61	99	130835	14.96	ng	-0.02
23) Nitrobenzene-d5	7.55	82	81928	9.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	32983	13.97	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	173472	11.77	ng	-0.01
78) Terphenyl-d14	13.12	244	132974	11.51	ng	-0.01
Target Compounds						
25) Isophorone	7.55	82	81927	5.029	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	30222	8.762	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	30222	6.807	ng	# 23
77) Pyrene	12.99	202	39900	2.146	ng	100

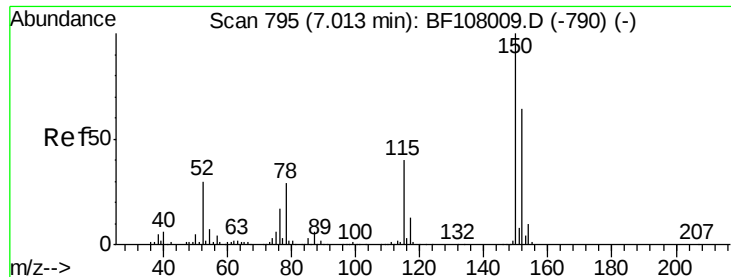
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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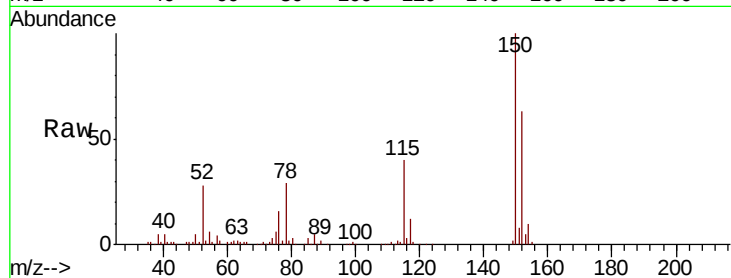


#1

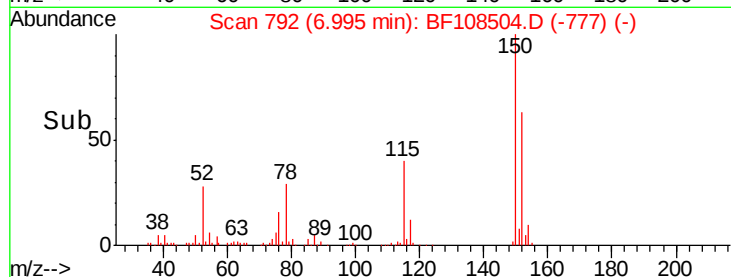
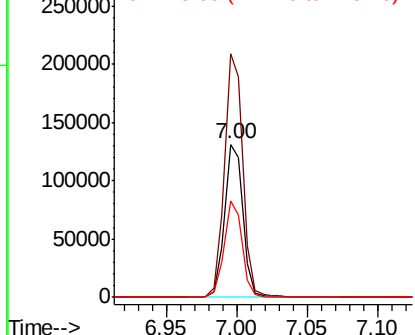
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108504.D
Acq: 27 Aug 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	63.0	50.1	75.1



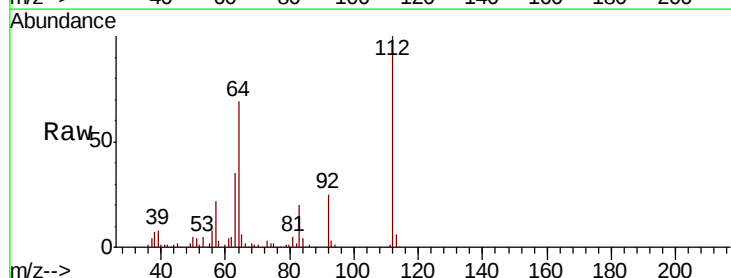
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



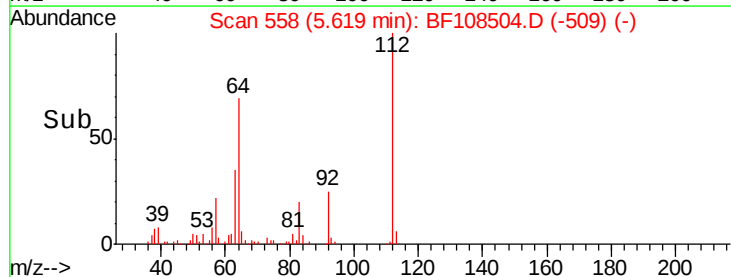
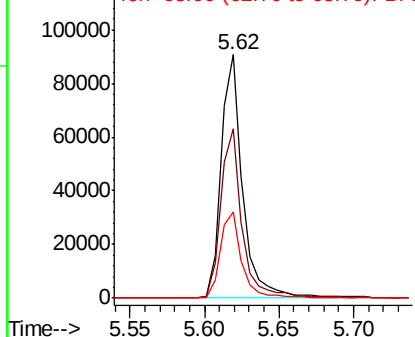
#5

2-Fluorophenol
Concen: 14.018 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108504.D
Acq: 27 Aug 2018 12:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	47.9	71.9
63	35.3	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: 14.964 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108504.D

Acq: 27 Aug 2018 12:28

Instrument :

BNA_F

ClientSampleId :

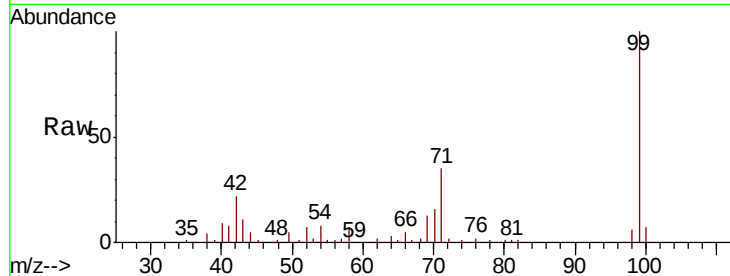
Tot Ion: 99 Resp: 130835

Ion Ratio Lower Upper

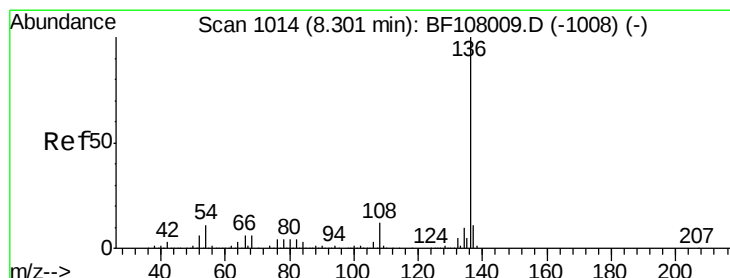
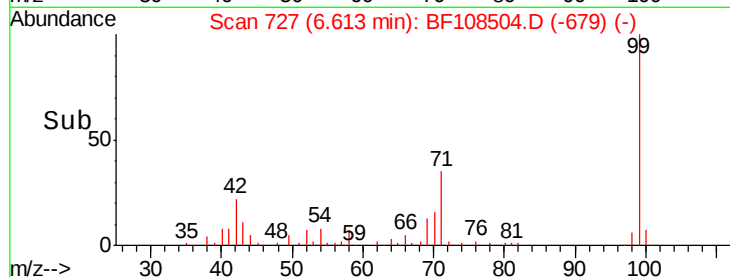
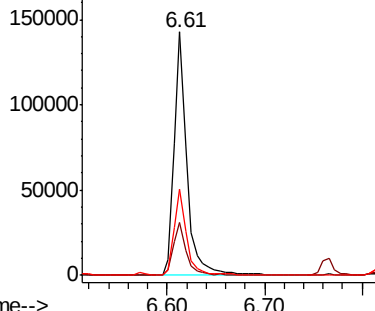
99 100

42 21.8 14.5 21.7#

71 35.3 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: BF108504.D

Acq: 27 Aug 2018 12:28

Tgt Ion: 136 Resp: 476970

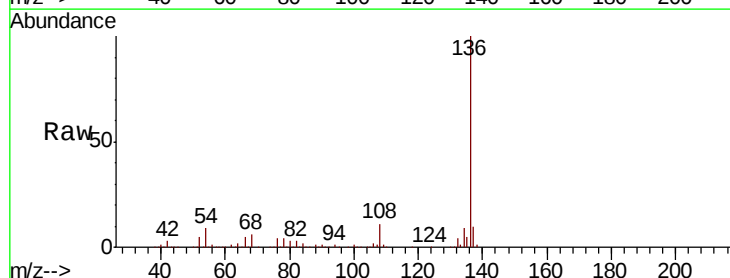
Ion Ratio Lower Upper

136 100

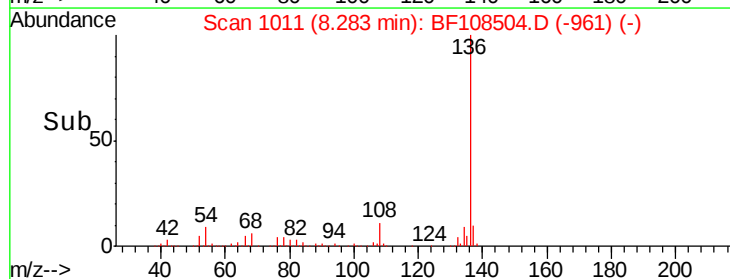
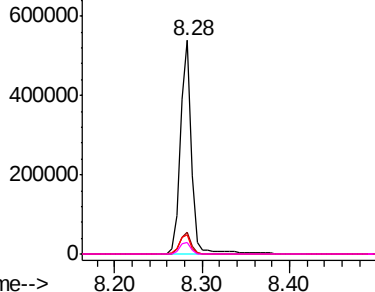
137 10.5 8.9 13.3

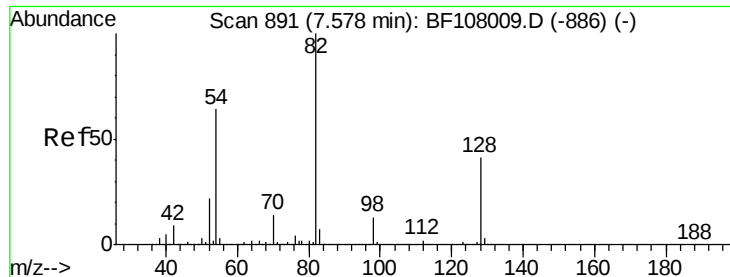
54 8.8 6.6 9.8

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

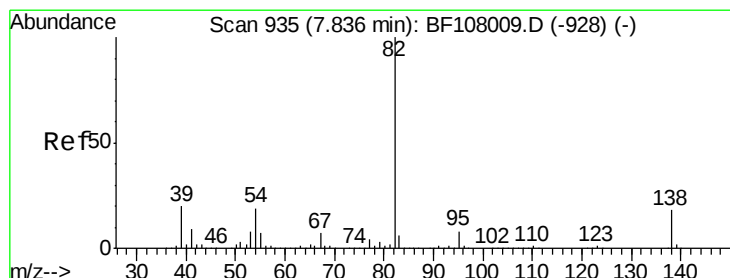
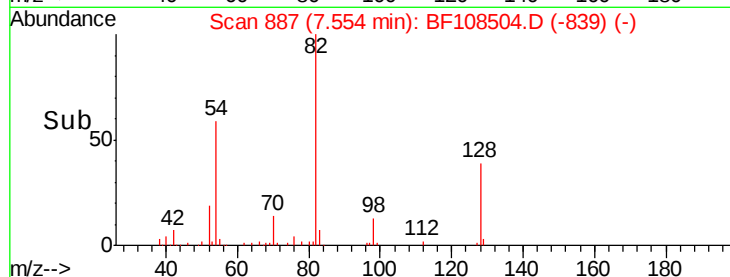
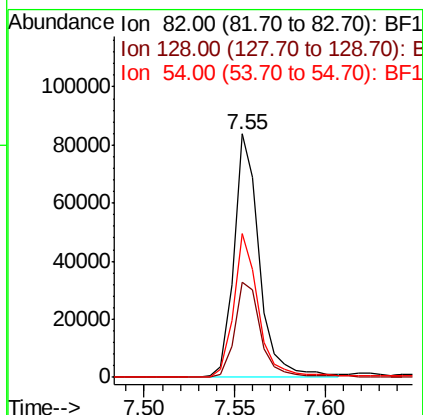
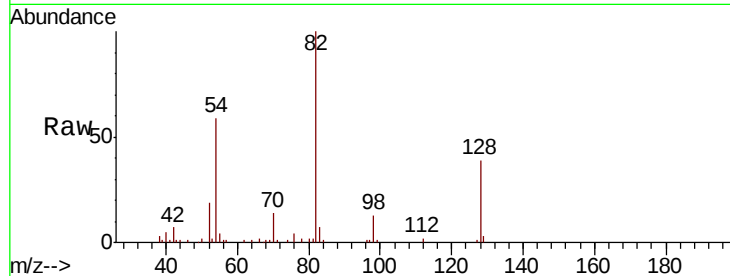




#23
Nitrobenzene-d5
Concen: 9.585 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF108504.D
Acq: 27 Aug 2018 12:28

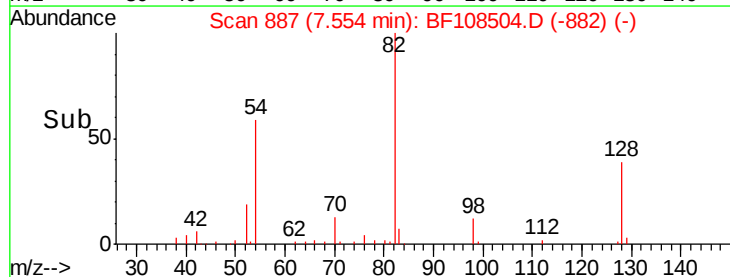
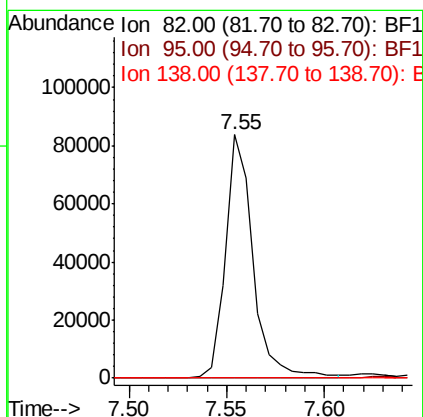
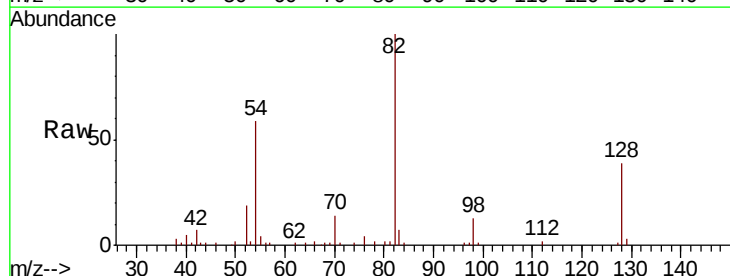
Instrument :
BNA_F
ClientSampled :

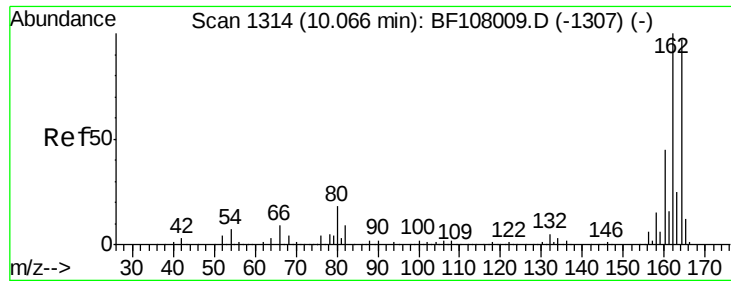
Tot Ion	82	Resp	81928
Ion Ratio	100	Lower	Upper
128	39.3	36.1	54.1
54	59.2	41.4	62.2



#25
Isophorone
Concen: 5.029 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.27 min
Lab File: BF108504.D
Acq: 27 Aug 2018 12:28

Tgt Ion	82	Resp	81927
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

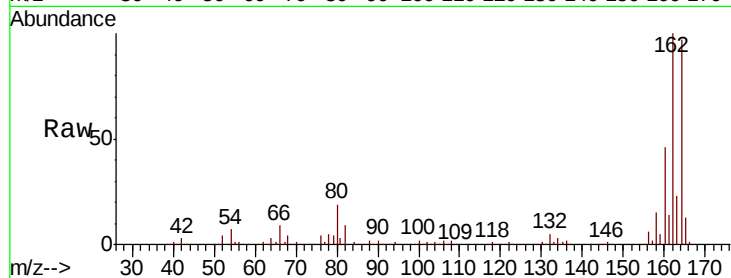




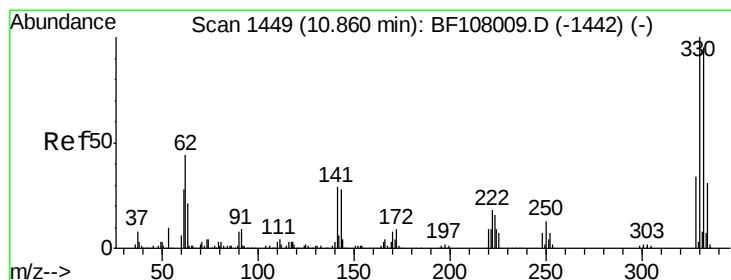
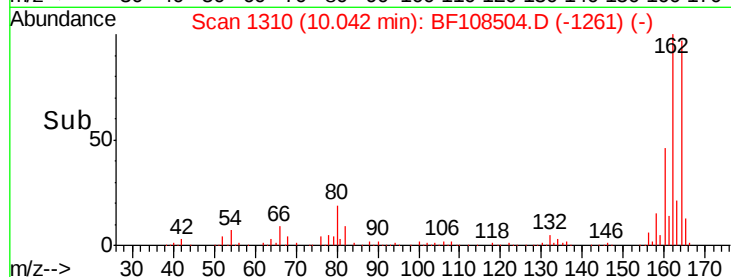
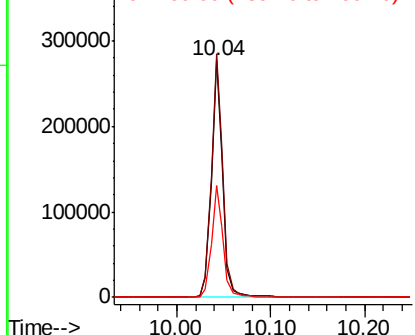
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108504.D
 Acq: 27 Aug 2018 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 236673
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 47.4 38.3 57.5

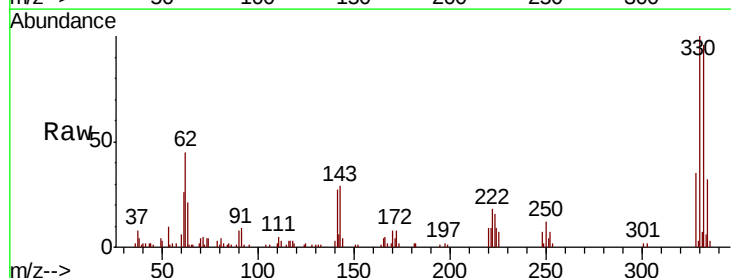


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

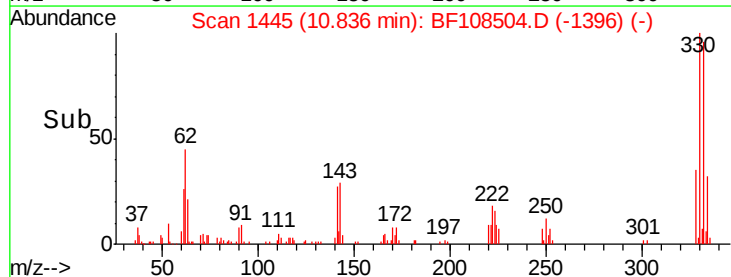
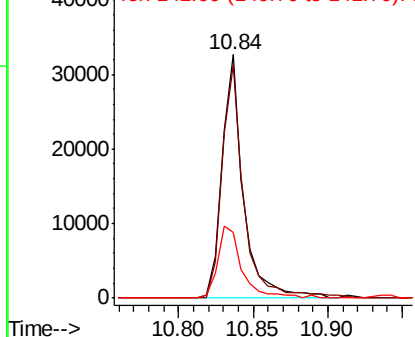


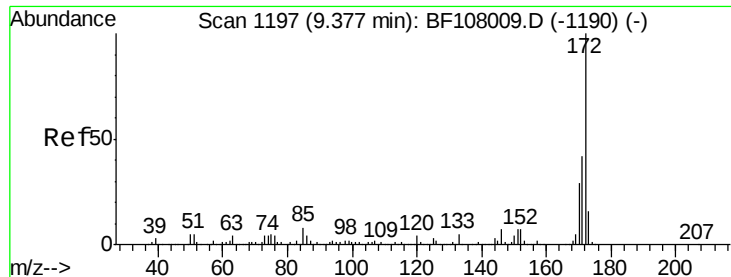
#41
 2,4,6-Tribromophenol
 Concen: 13.971 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108504.D
 Acq: 27 Aug 2018 12:28

Tgt Ion:330 Resp: 32983
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 33.4 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

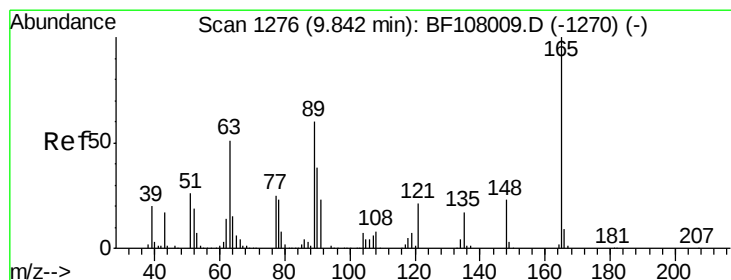
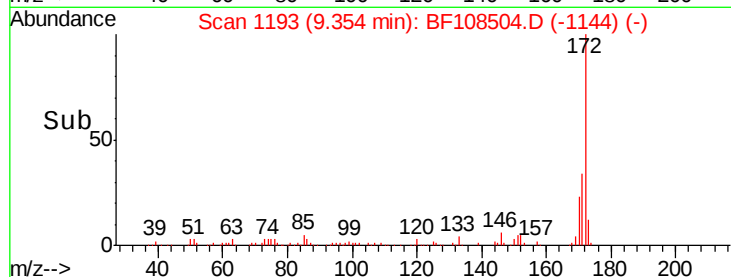
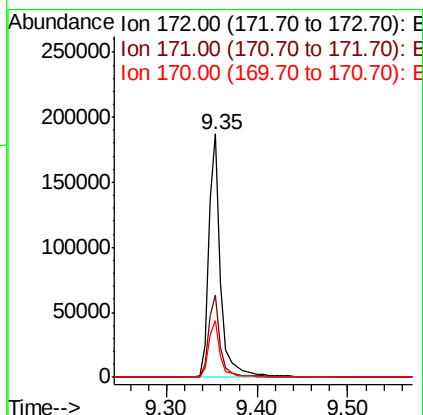
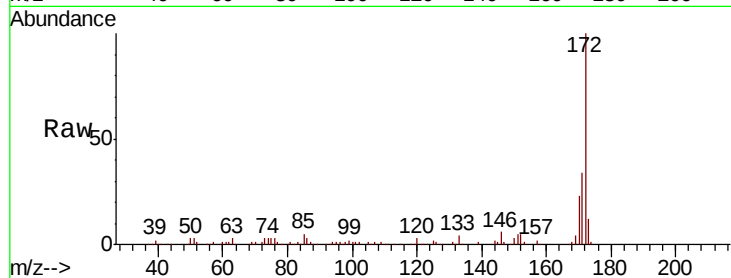




#44
 2-Fluorobiphenyl
 Concen: 11.767 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108504.D
 Acq: 27 Aug 2018 12:28

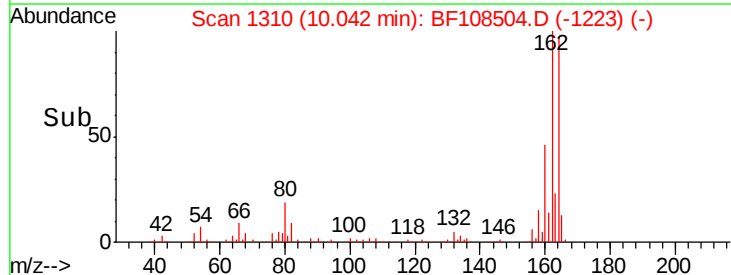
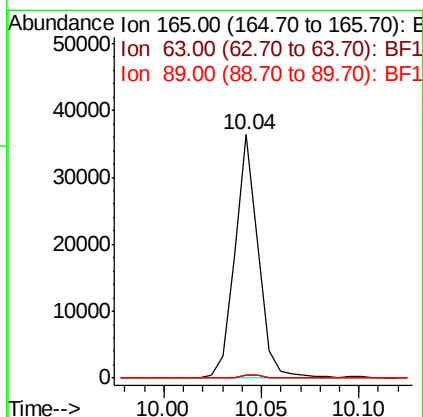
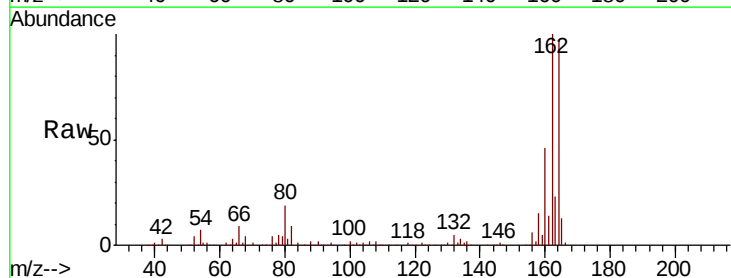
Instrument :
 BNA_F
 ClientSampled :

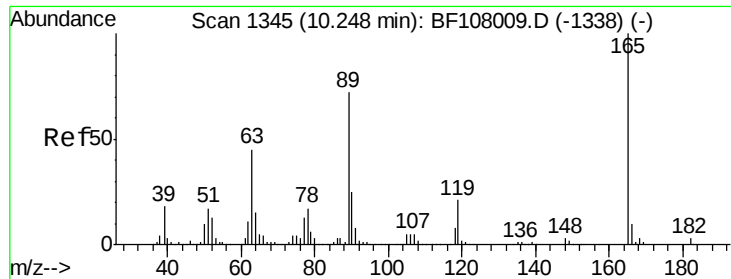
Tot Ion:172 Resp: 173472
 Ion Ratio Lower Upper
 172 100
 171 33.8 29.7 44.5
 170 23.1 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 8.762 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108504.D
 Acq: 27 Aug 2018 12:28

Tgt Ion:165 Resp: 30222
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.7 67.1#
 89 1.4 44.0 66.0#

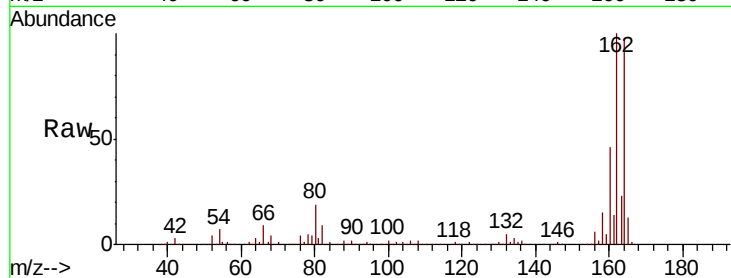




#56
 2,4-Dinitrotoluene
 Concen: 6.807 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108504.D
 Acq: 27 Aug 2018 12:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

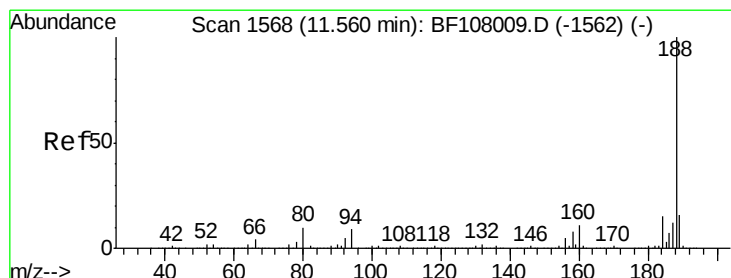
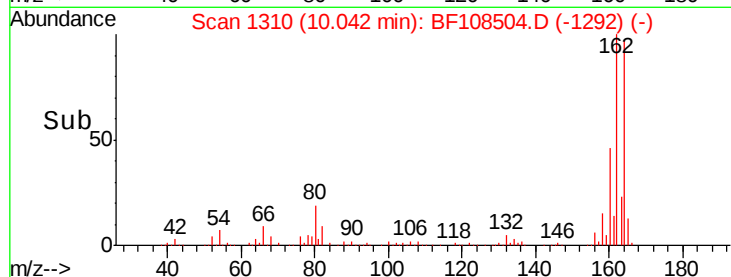
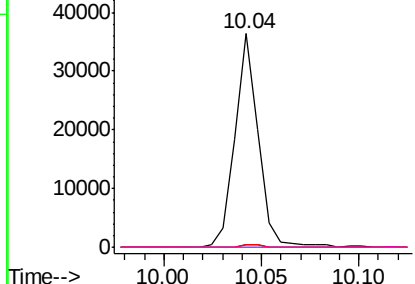


Abundance Ion 165.00 (164.70 to 165.70): E

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



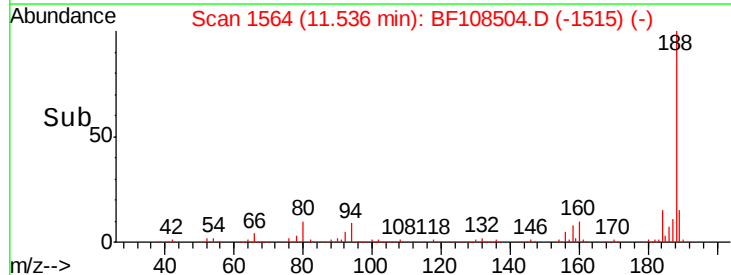
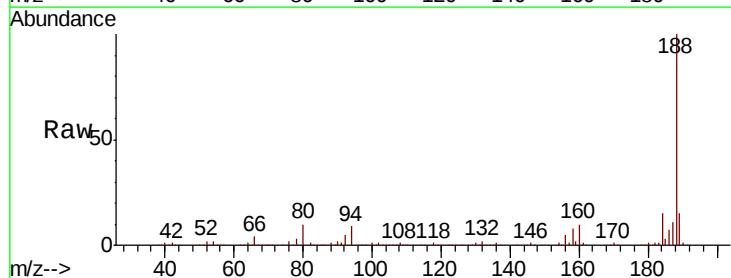
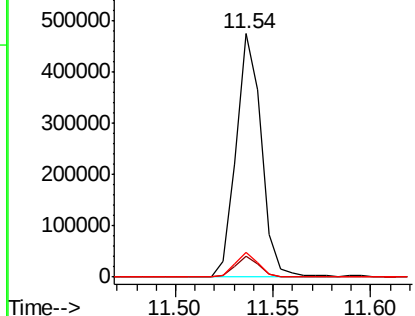
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108504.D
 Acq: 27 Aug 2018 12:28

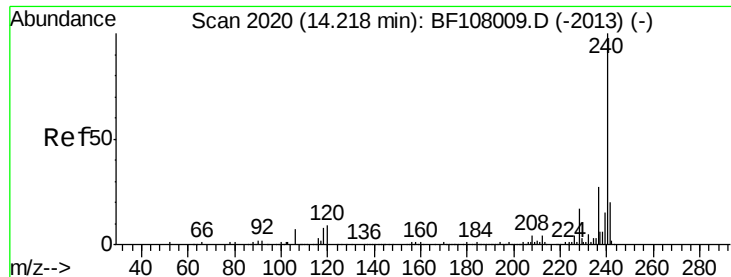
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	10.1	9.2	13.8

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: BF108504.D

Acq: 27 Aug 2018 12:28

Instrument :

BNA_F

ClientSampled :

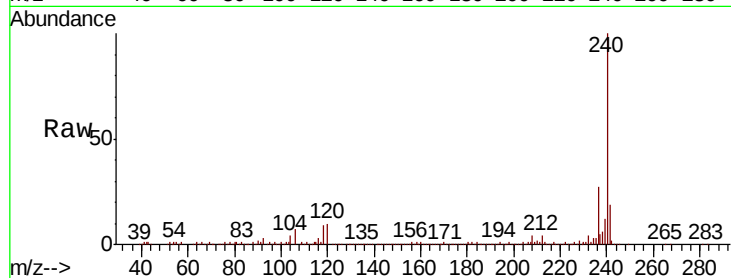
Tot Ion:240 Resp: 293675

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

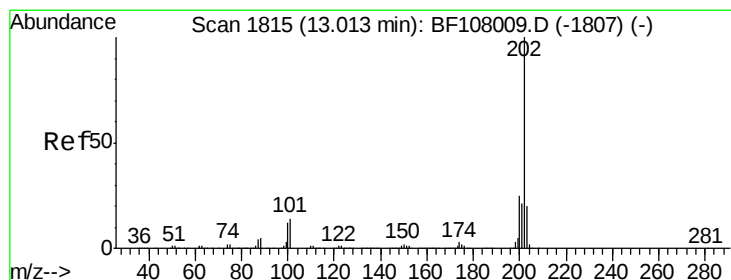
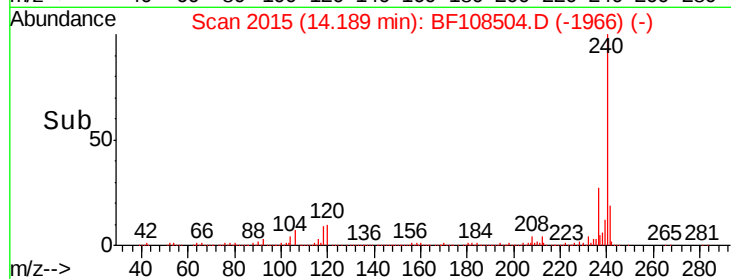
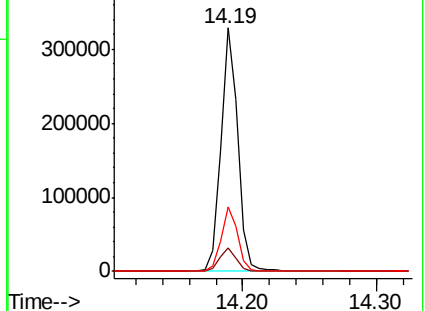
236 26.5 20.7 31.1



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



#77

Pyrene

Concen: 2.146 ng

RT: 12.99 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF108504.D

Acq: 27 Aug 2018 12:28

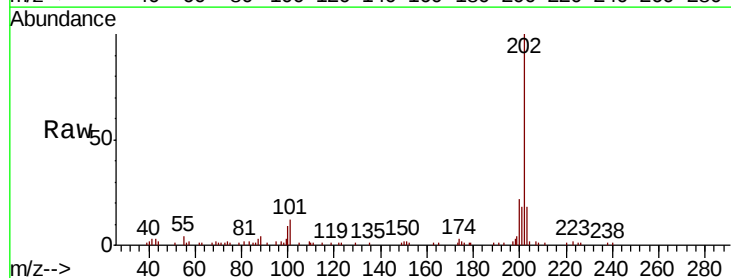
Tgt Ion:202 Resp: 39900

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

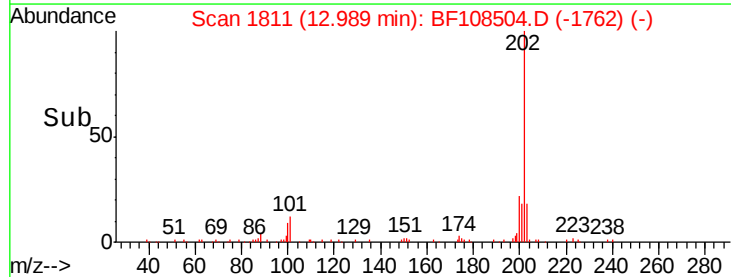
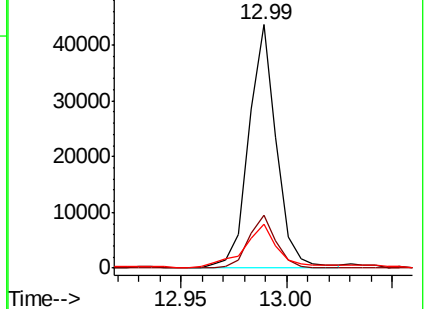
203 17.8 14.3 21.5

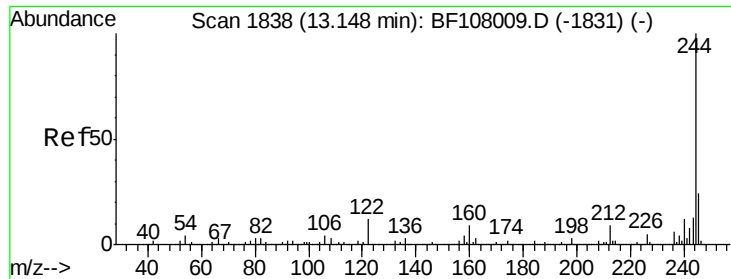


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 11.513 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108504.D

Acq: 27 Aug 2018 12:28

Instrument :

BNA_F

ClientSampleId :

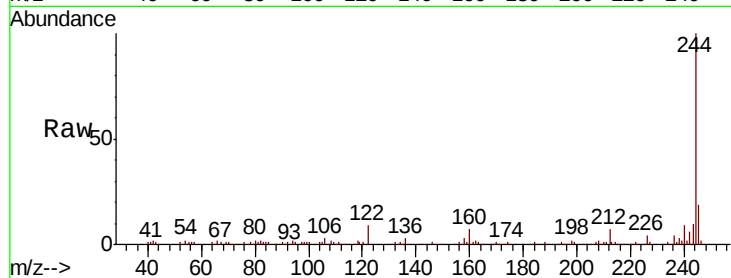
Tot Ion:244 Resp: 132974

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

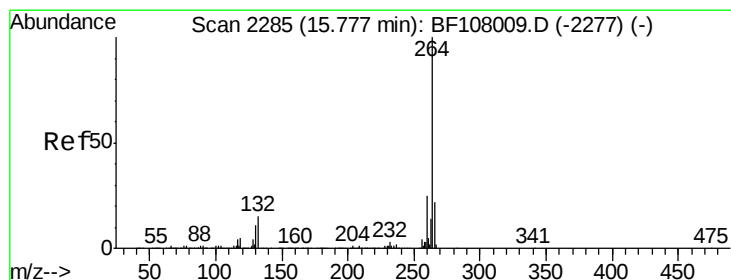
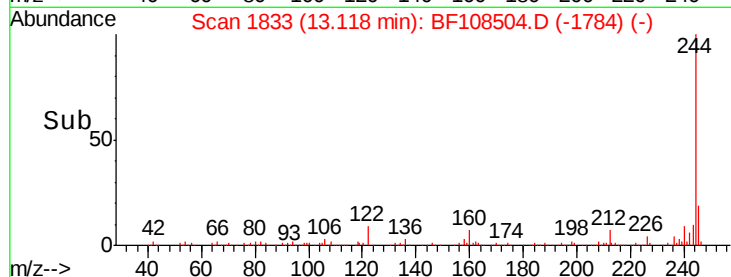
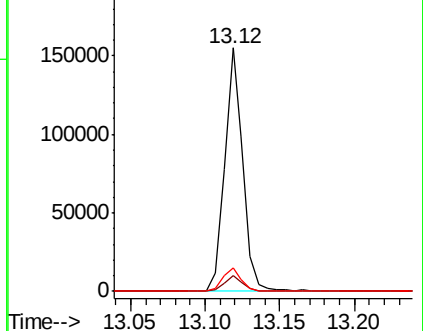
122 9.5 11.0 16.4#



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: BF108504.D

Acq: 27 Aug 2018 12:28

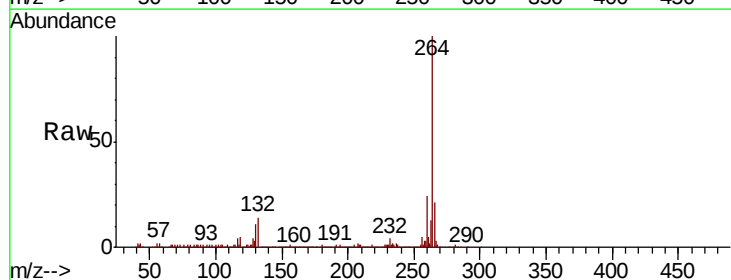
Tgt Ion:264 Resp: 300146

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.0 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

