

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
 Data File : BF107870.D
 Acq On : 1 Aug 2018 00:34
 Operator : JU/SJ
 Sample : J3823-13 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 04:34:35 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

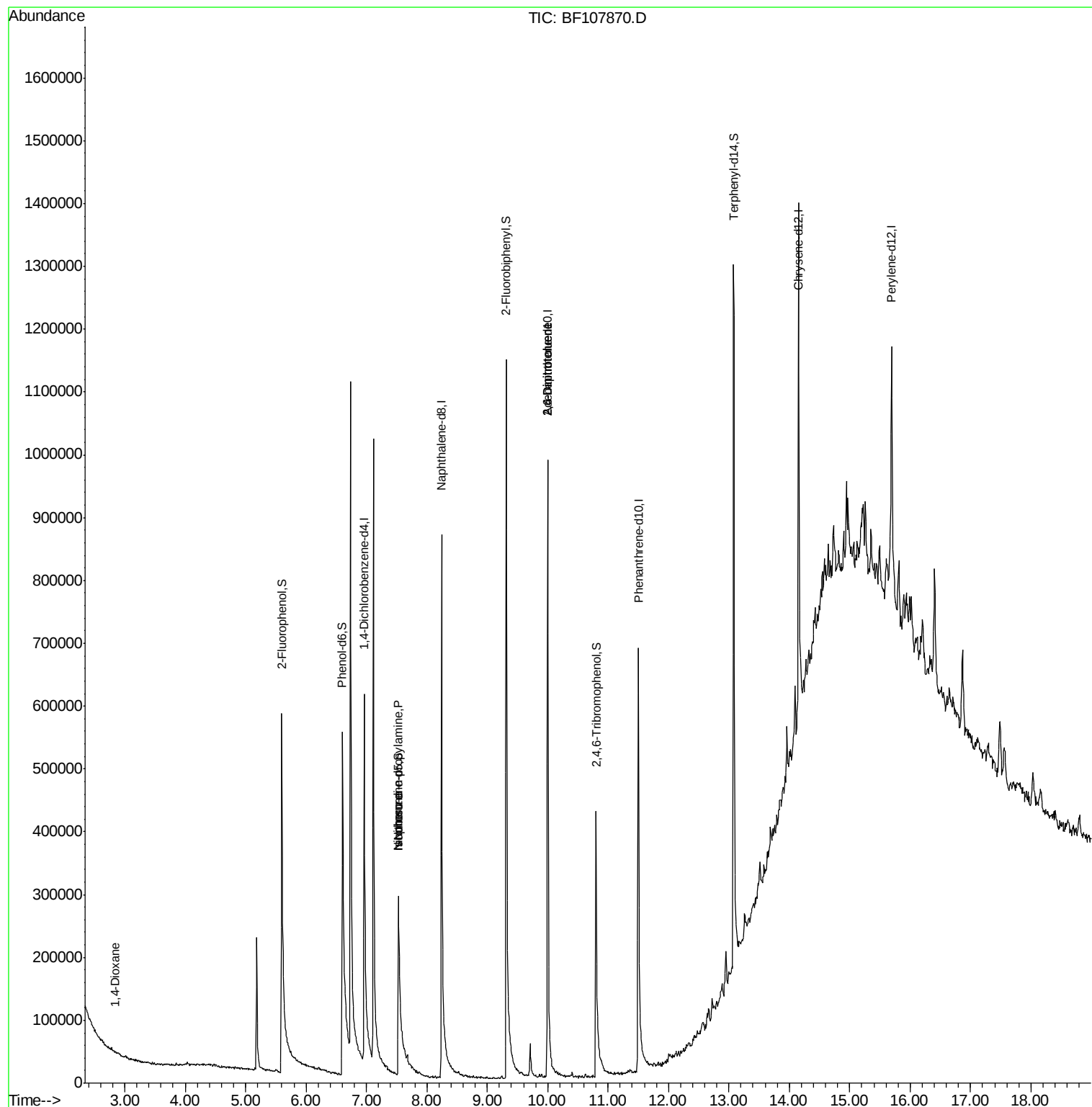
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	163630	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	679937	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	249370	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	445454	20.00	ng	0.00
75) Chrysene-d12	14.15	240	425283	20.00	ng	0.00
86) Perylene-d12	15.69	264	298343	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	391954	40.71	ng	0.00
7) Phenol-d6	6.60	99	550394	43.38	ng	0.00
23) Nitrobenzene-d5	7.53	82	315887	26.76	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	107790	31.81	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	601782	33.63	ng	0.00
78) Terphenyl-d14	13.08	244	557424	28.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.84	88	201	5.833	ng	# 1
19) n-Nitroso-di-n-propylamine	7.53	70	33477	4.159	ng	# 81
25) Isophorone	7.53	82	315887	16.305	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	30464	7.485	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	30645	5.729	ng	# 23

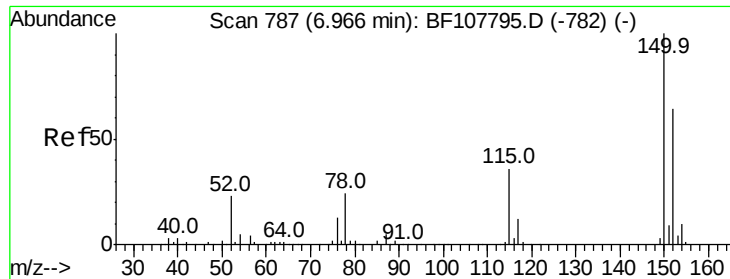
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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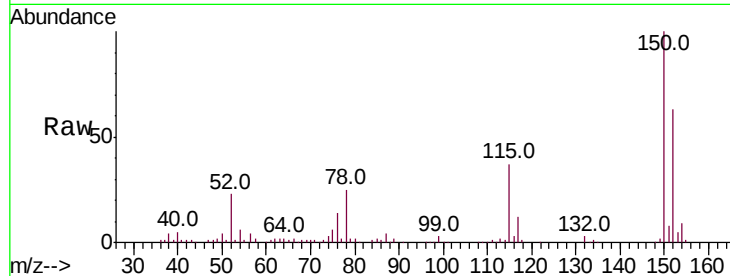


#1

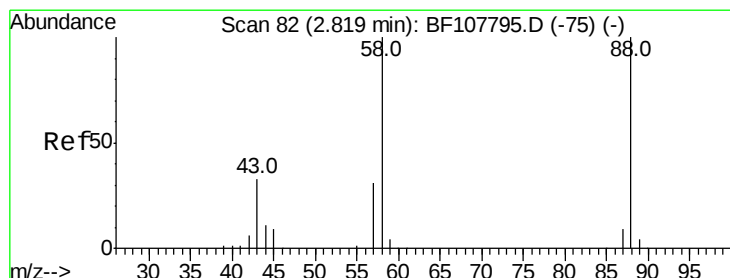
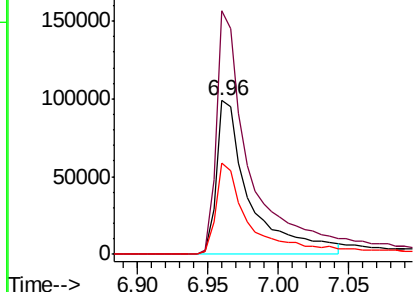
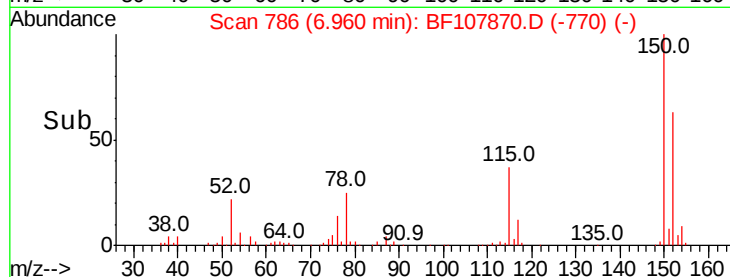
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107870.D
Acq: 1 Aug 2018 00:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 163630
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 59.5 50.1 75.1



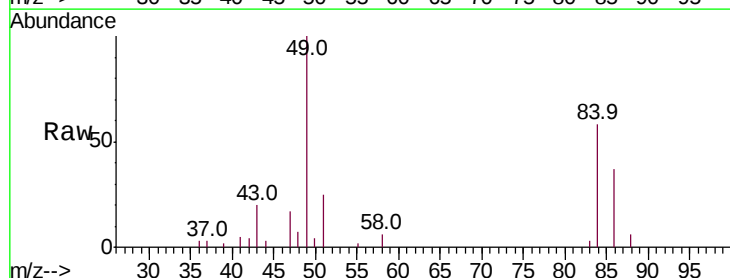
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



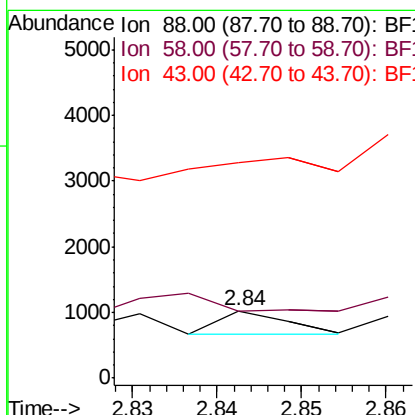
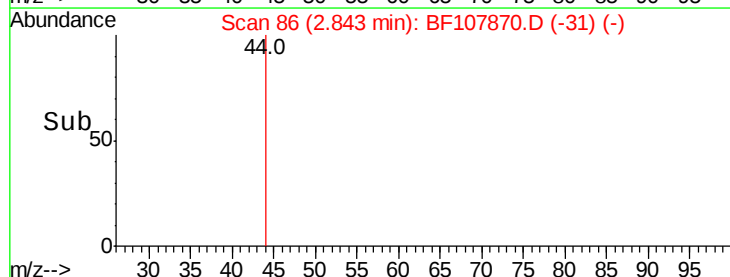
#2

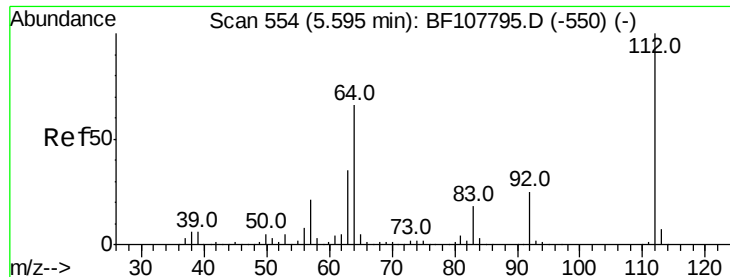
1,4-Dioxane
Concen: 5.833 ng
RT: 2.84 min Scan# 86
Delta R.T. 0.02 min
Lab File: BF107870.D
Acq: 1 Aug 2018 00:34

Tgt Ion: 88 Resp: 201
Ion Ratio Lower Upper
88 100
58 281.1 62.6 93.8#
43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 40.710 ng

RT: 5.60 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF107870.D

Acq: 1 Aug 2018 00:34

Instrument :

BNA_F

ClientSampleId :

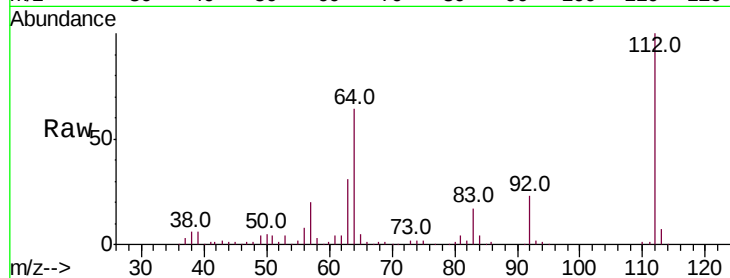
Tot Ion:112 Resp: 391954

Ion Ratio Lower Upper

112 100

64 63.6 47.9 71.9

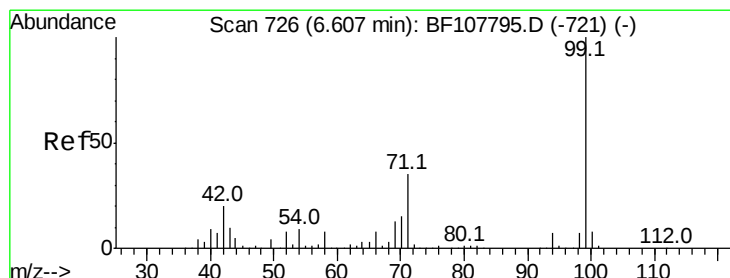
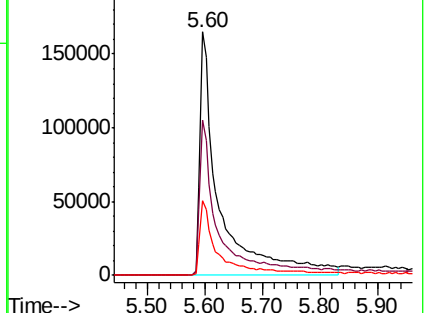
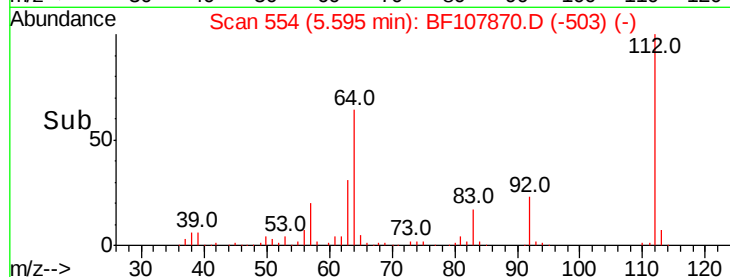
63 30.8 23.7 35.5



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: 43.376 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107870.D

Acq: 1 Aug 2018 00:34

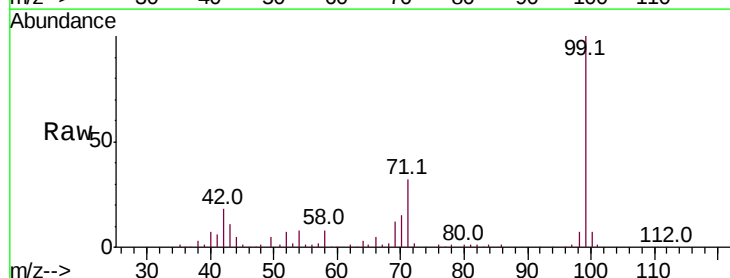
Tgt Ion: 99 Resp: 550394

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

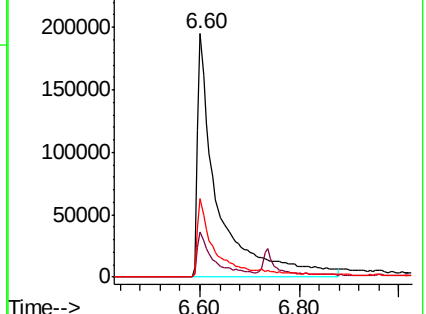
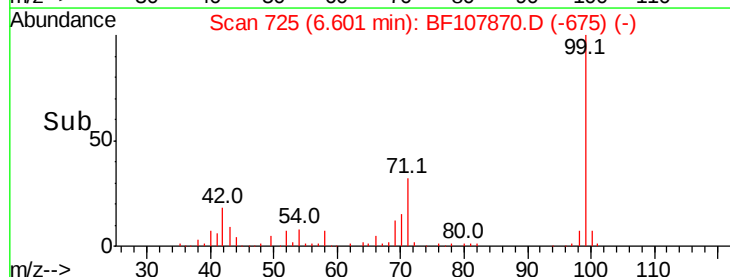
71 32.1 25.4 38.0

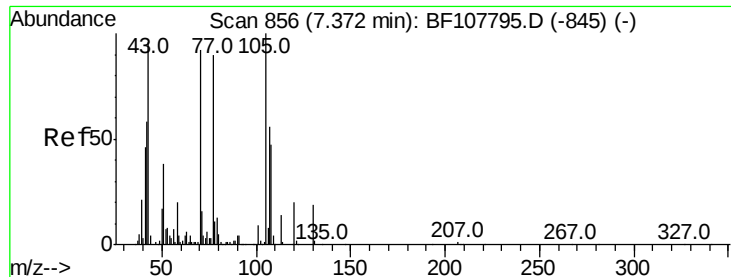


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

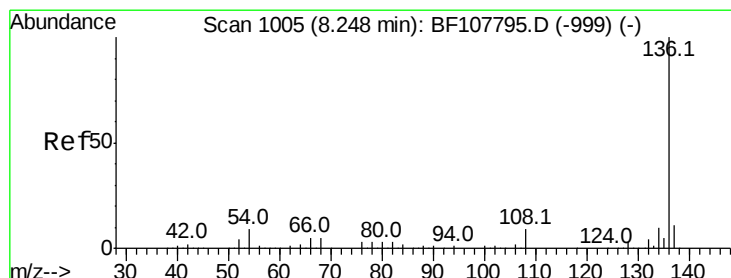
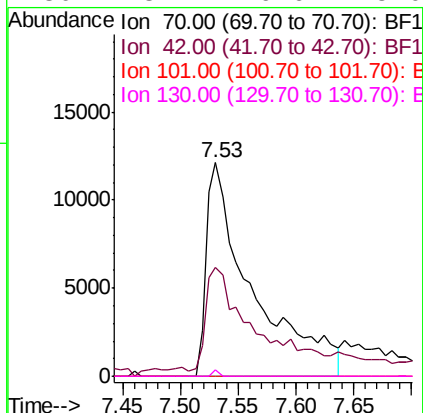
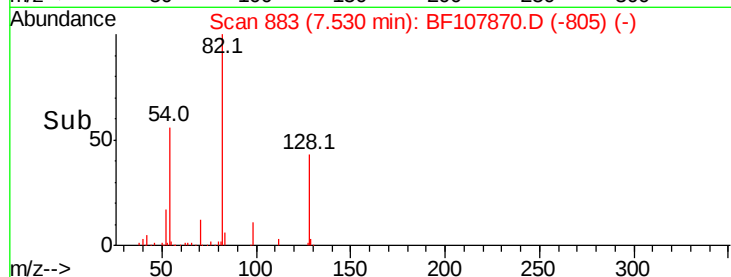
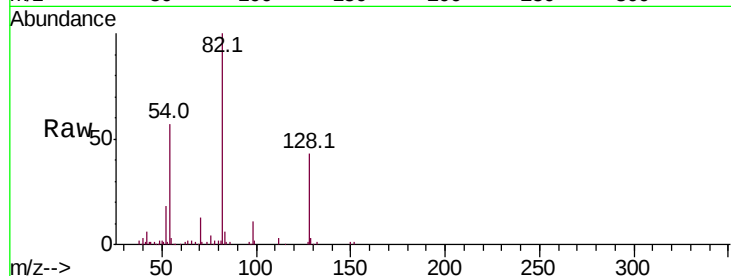




#19
n-Nitroso-di-n-propylamine
Concen: 4.159 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107870.D
Acq: 1 Aug 2018 00:34

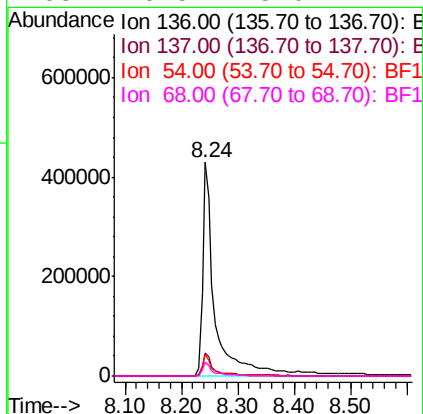
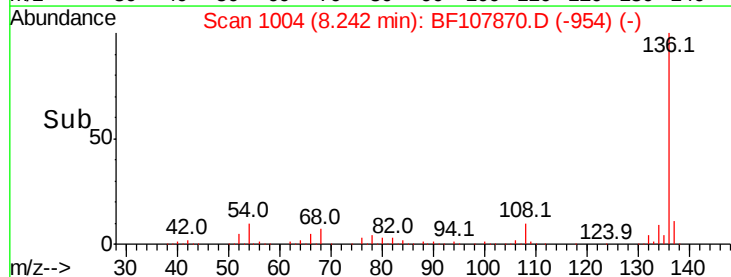
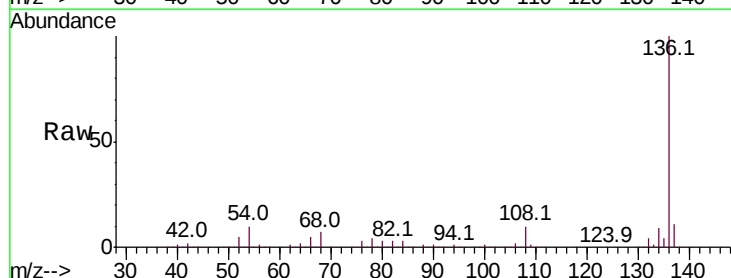
Instrument :
BNA_F
ClientSampleId :

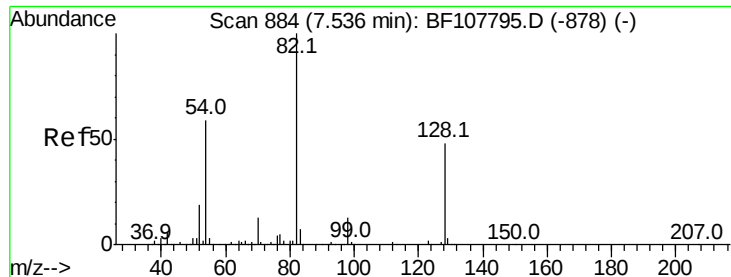
Tot Ion: 70 Resp: 33477
Ion Ratio Lower Upper
70 100
42 51.1 47.5 71.3
101 0.0 7.4 11.2#
130 3.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107870.D
Acq: 1 Aug 2018 00:34

Tgt Ion:136 Resp: 679937
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.1 6.6 9.8#
68 6.5 5.0 7.4

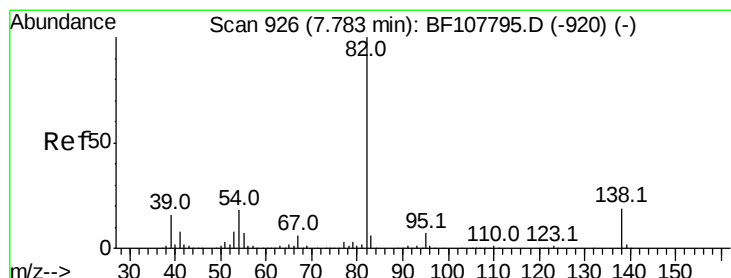
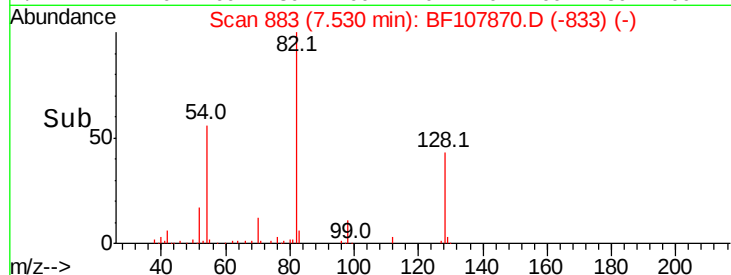
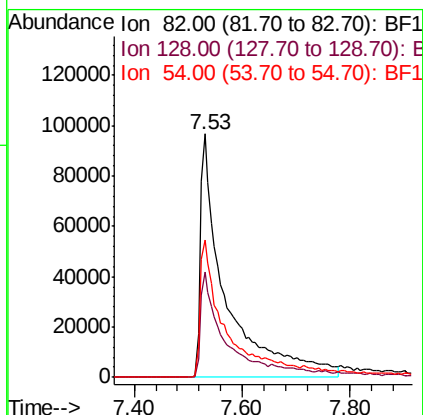
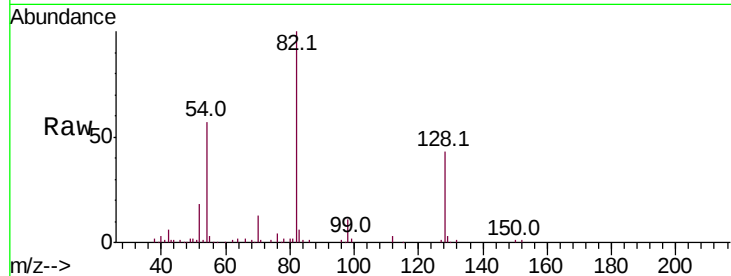




#23
Nitrobenzene-d5
Concen: 26.765 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107870.D
Acq: 1 Aug 2018 00:34

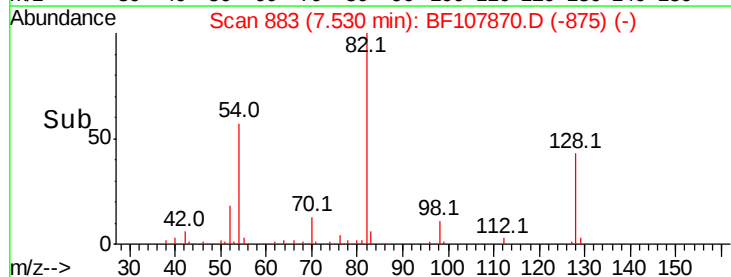
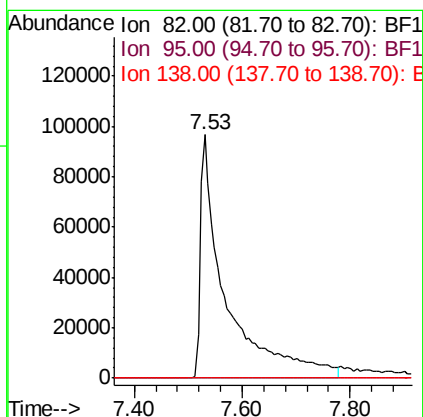
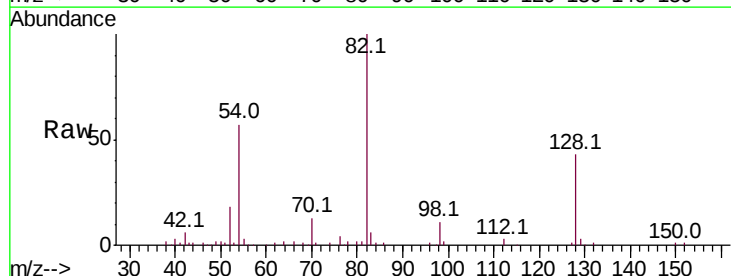
Instrument :
BNA_F
ClientSampled :

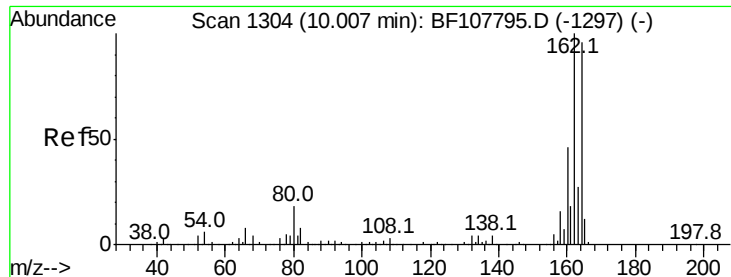
Tot Ion: 82 Resp: 315887
Ion Ratio Lower Upper
82 100
128 43.1 36.1 54.1
54 56.6 41.4 62.2



#25
Isophorone
Concen: 16.305 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107870.D
Acq: 1 Aug 2018 00:34

Tgt Ion: 82 Resp: 315887
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

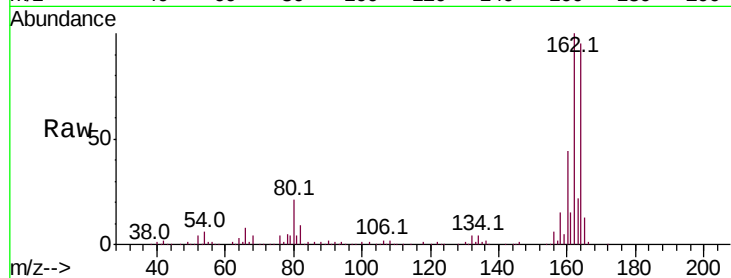




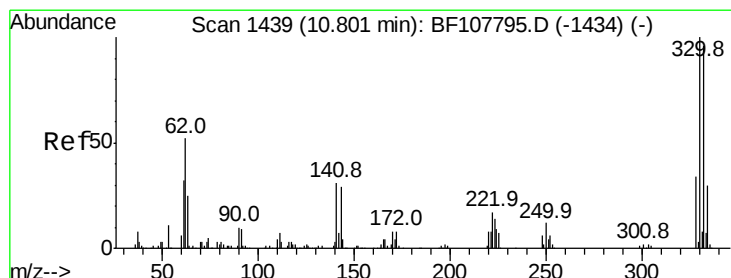
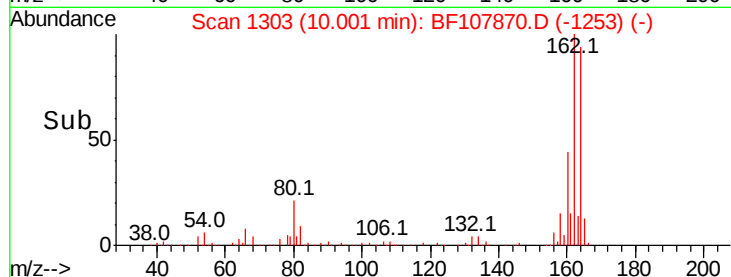
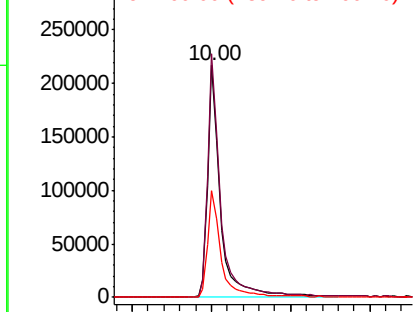
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107870.D
Acq: 1 Aug 2018 00:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 249370
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 45.9 38.3 57.5

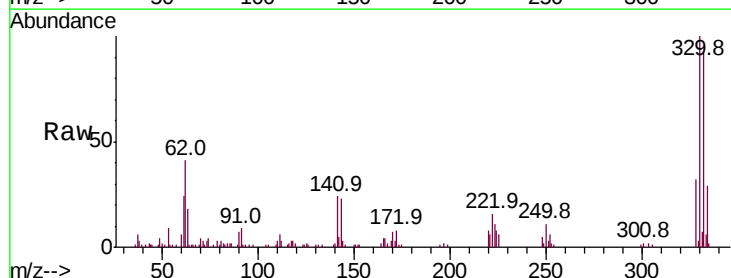


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

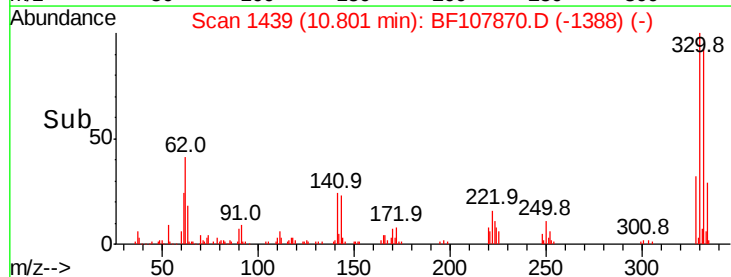
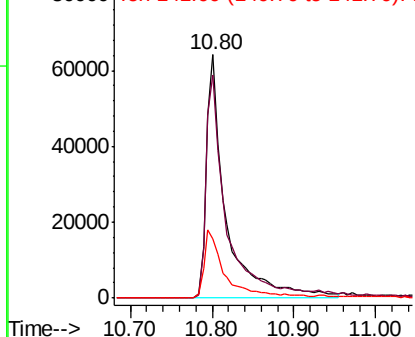


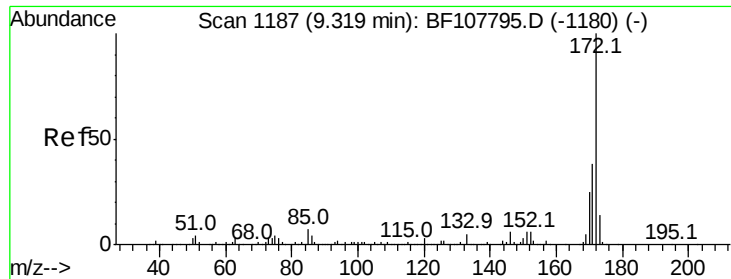
#41
2,4,6-Tribromophenol
Concen: 31.811 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF107870.D
Acq: 1 Aug 2018 00:34

Tgt Ion:330 Resp: 107790
Ion Ratio Lower Upper
330 100
332 93.7 77.0 115.6
141 30.7 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

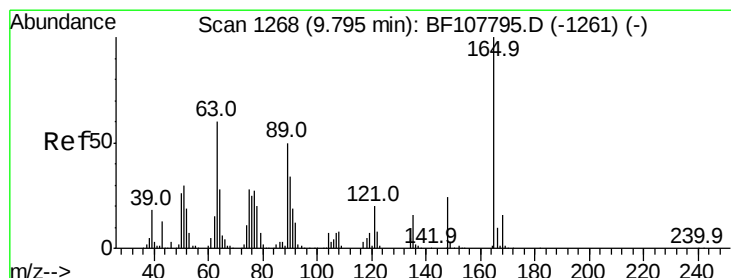
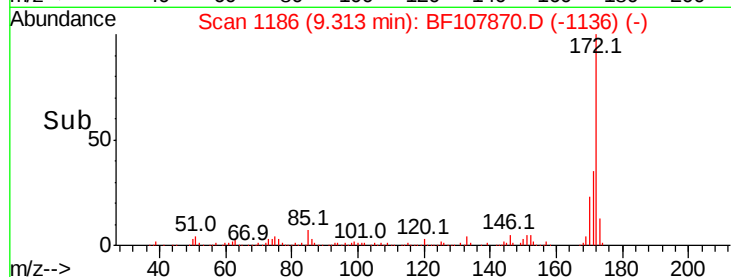
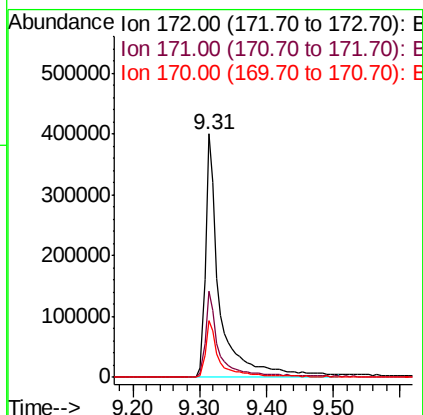
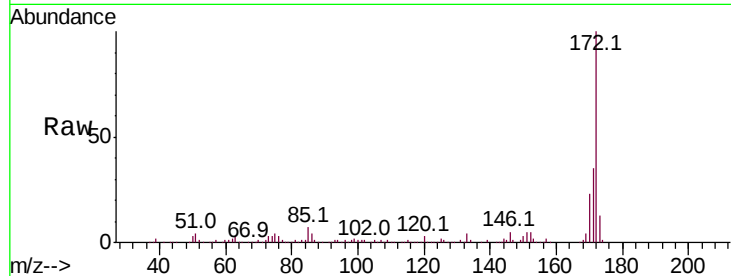




#44
2-Fluorobiphenyl
Concen: 33.628 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107870.D
Acq: 1 Aug 2018 00:34

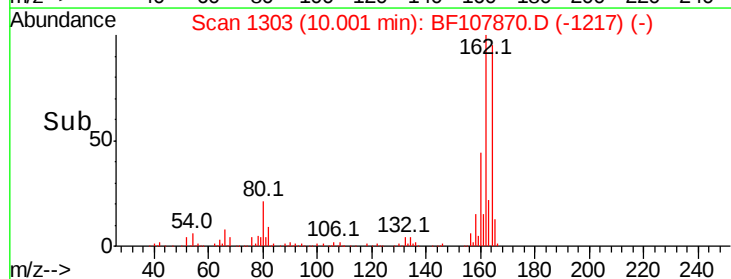
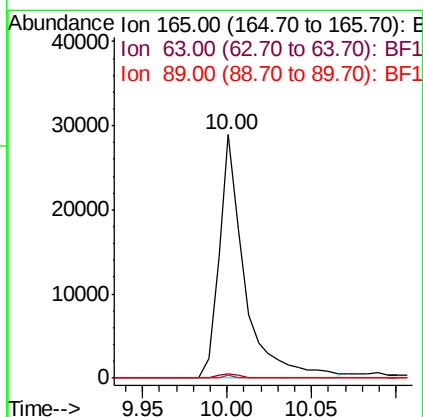
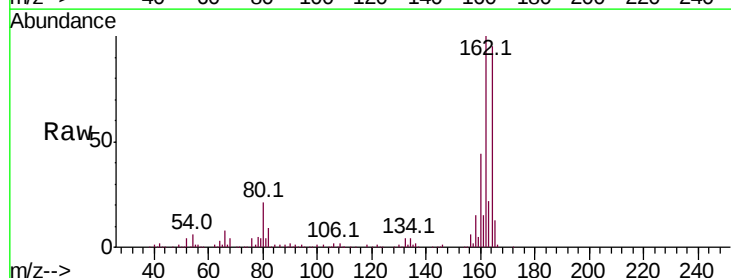
Instrument :
BNA_F
ClientSampleId :

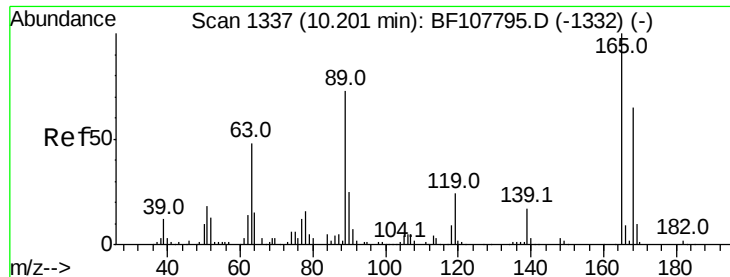
Tot Ion:172 Resp: 601782
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 23.3 19.6 29.4



#50
2,6-Dinitrotoluene
Concen: 7.485 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF107870.D
Acq: 1 Aug 2018 00:34

Tgt Ion:165 Resp: 30464
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 1.2 44.0 66.0#

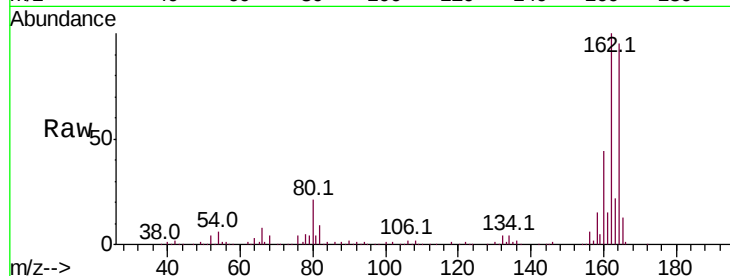




#56
 2,4-Dinitrotoluene
 Concen: 5.729 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF107870.D
 Acq: 1 Aug 2018 00:34

Instrument :
 BNA_F
 ClientSampleId :

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

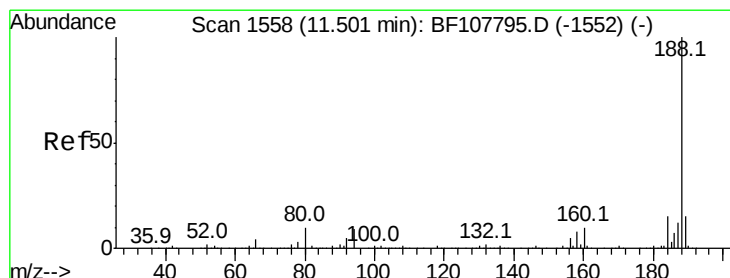
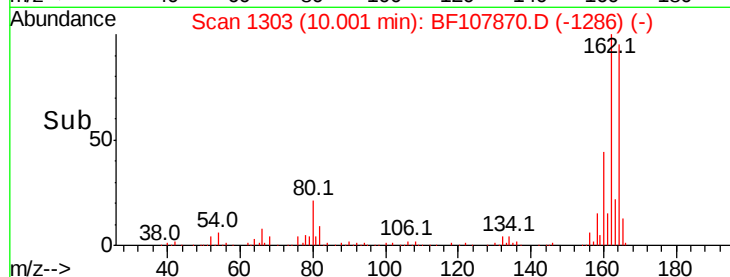
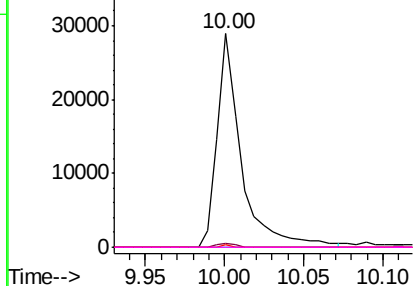


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

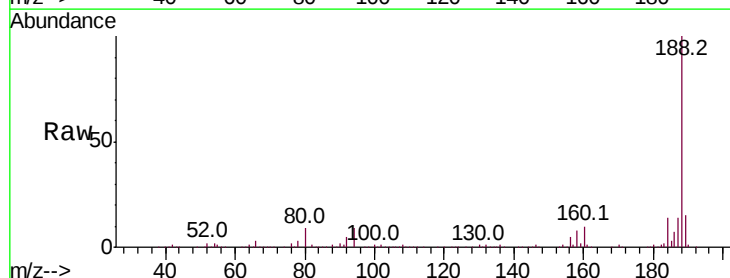
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BF107870.D
 Acq: 1 Aug 2018 00:34

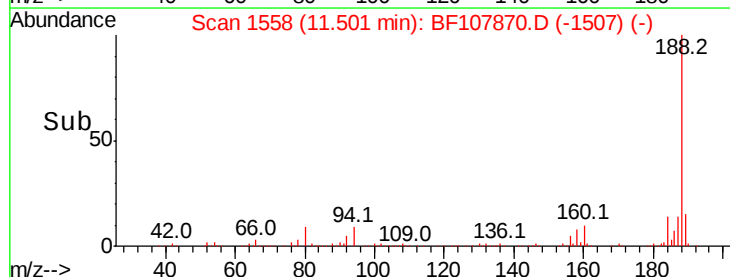
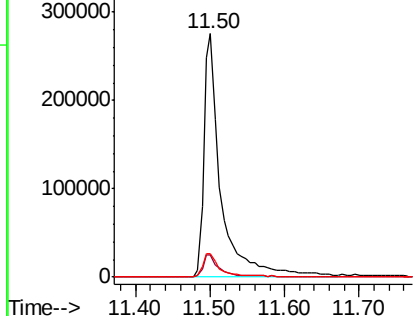
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.4	9.2	13.8

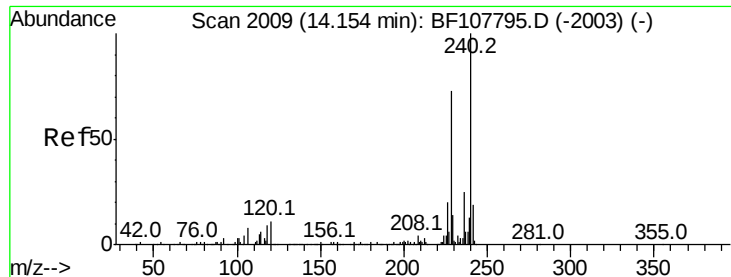


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.15 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF107870.D

Acq: 1 Aug 2018 00:34

Instrument :

BNA_F

ClientSampleId :

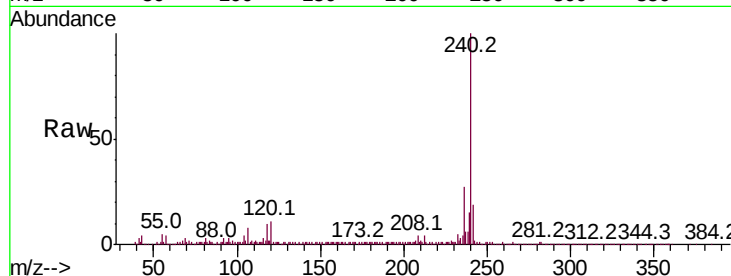
Tot Ion:240 Resp: 425283

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

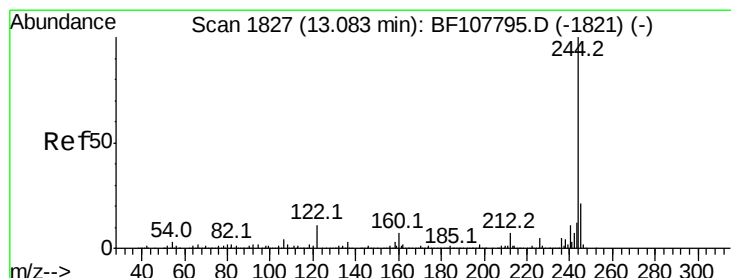
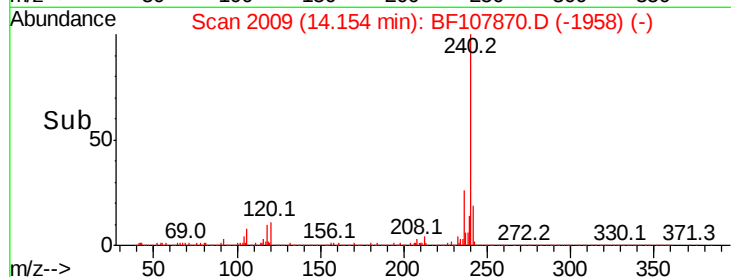
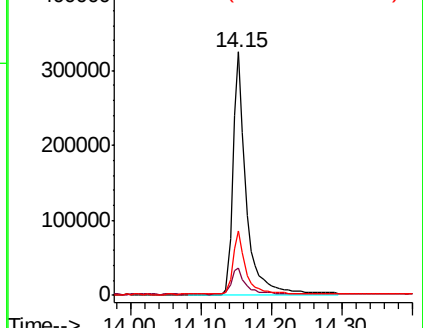
236 26.6 20.7 31.1



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: 28.422 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107870.D

Acq: 1 Aug 2018 00:34

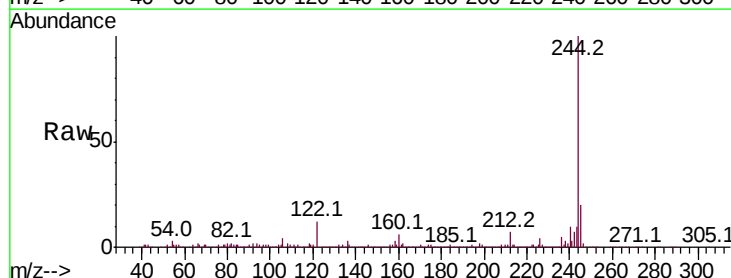
Tgt Ion:244 Resp: 557424

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

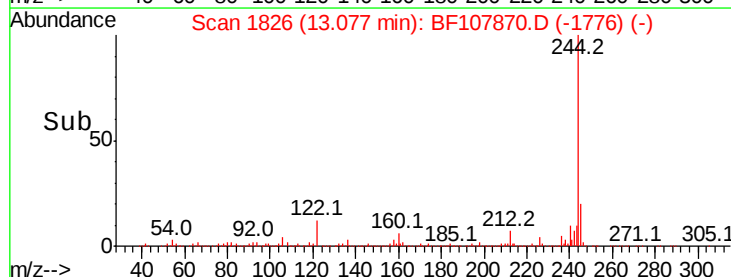
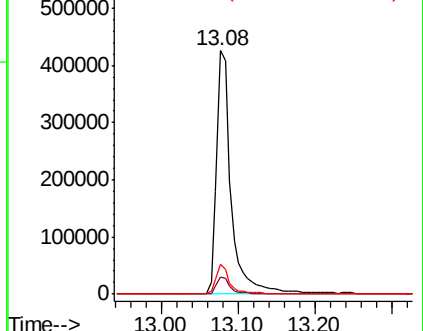
122 12.4 11.0 16.4

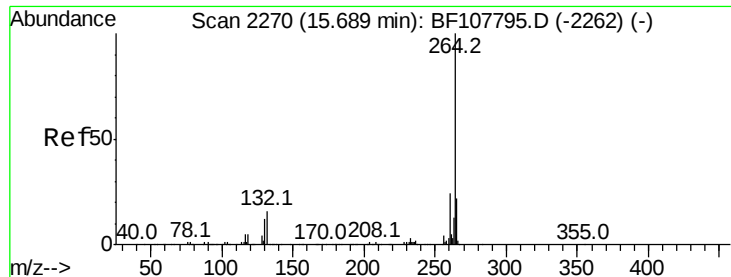


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF107870.D
Acq: 1 Aug 2018 00:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.0	17.5	26.3

