

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108710.D
 Acq On : 1 Sep 2018 00:45
 Operator : JU/SJ
 Sample : J4729-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 03:51:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

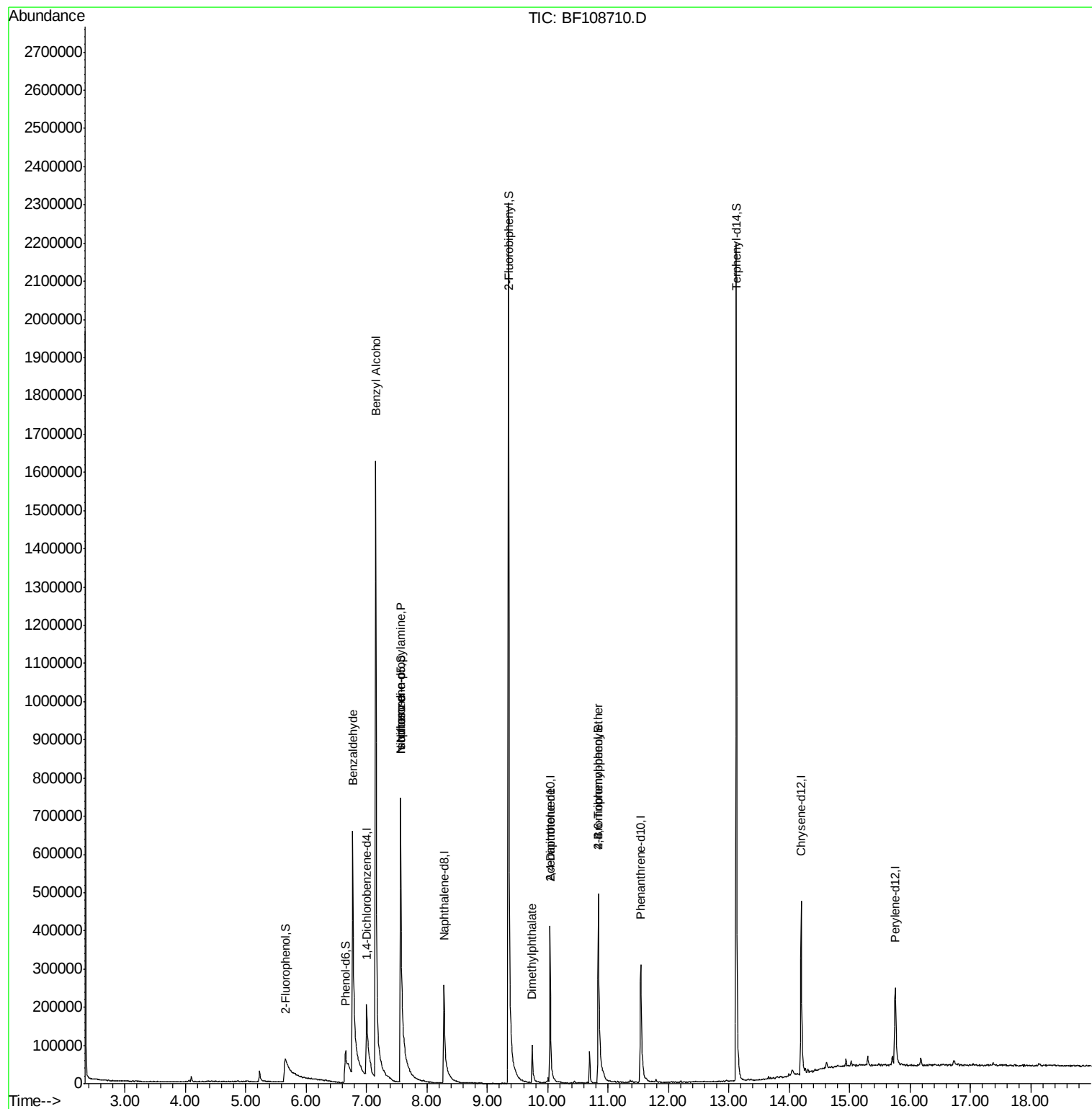
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	76139	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	279541	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	119949	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	231488	20.00	ng	0.00
75) Chrysene-d12	14.19	240	222646	20.00	ng	0.00
86) Perylene-d12	15.75	264	147263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	106488	24.30	ng	0.01
7) Phenol-d6	6.65	99	150986	24.05	ng	0.00
23) Nitrobenzene-d5	7.57	82	578033	104.96	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	117281	74.07	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1062034	119.05	ng	0.00
78) Terphenyl-d14	13.12	244	987710	86.19	ng	0.00
Target Compounds						
9) Benzaldehyde	6.77	77	8169	2.105	ng	# 69
15) Benzyl Alcohol	7.15	79	9526	2.110	ng	# 42
19) n-Nitroso-di-n-propylamine	7.57	70	69668	16.573	ng	# 82
25) Isophorone	7.57	82	578033	63.183	ng	# 64
49) Dimethylphthalate	9.74	163	74221	7.858	ng	# 96
56) 2,4-Dinitrotoluene	10.04	165	14491	5.257	ng	# 23
66) 4-Bromophenyl-phenylether	10.84	248	7890	2.773	ng	# 1

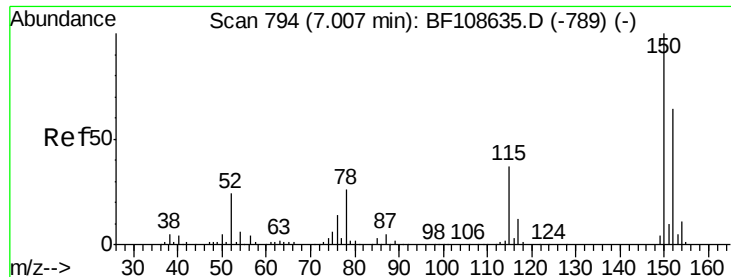
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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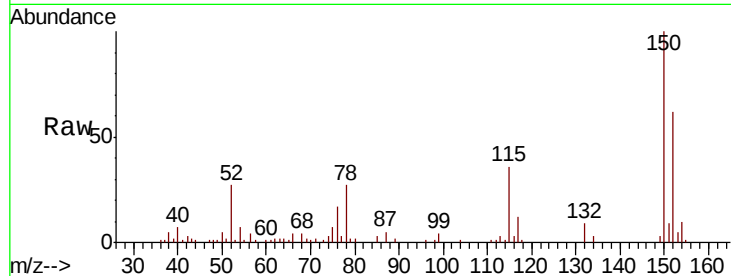


#1

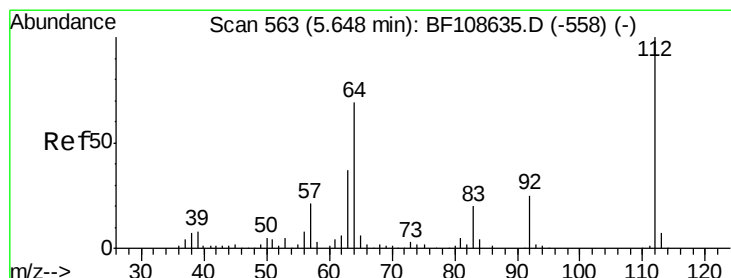
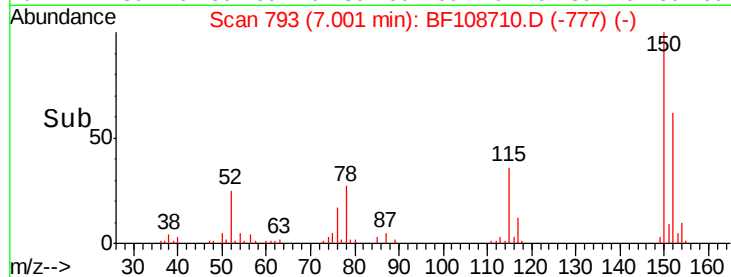
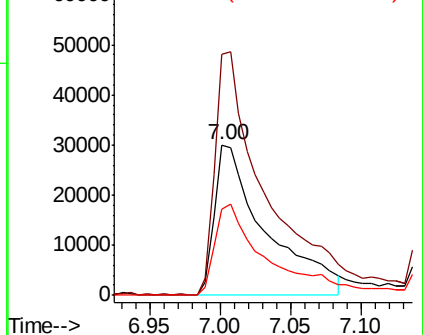
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108710.D
Acq: 1 Sep 2018 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76139
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 57.5 50.1 75.1



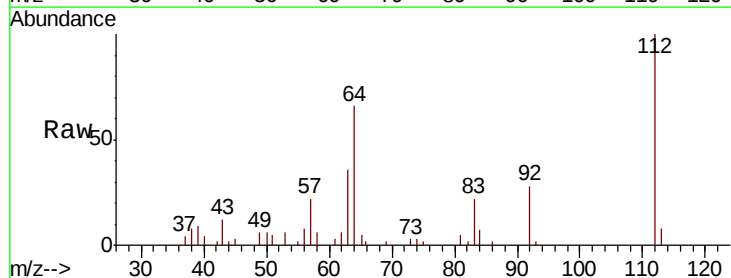
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



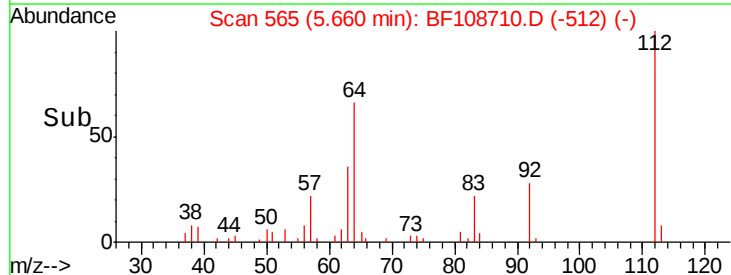
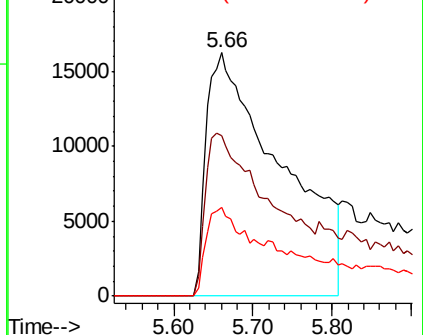
#5

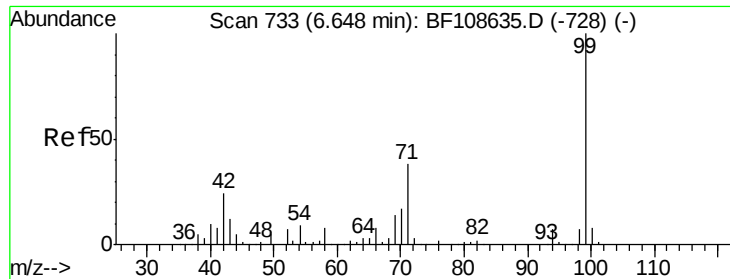
2-Fluorophenol
Concen: 24.297 ng
RT: 5.66 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF108710.D
Acq: 1 Sep 2018 00:45

Tgt Ion:112 Resp: 106488
Ion Ratio Lower Upper
112 100
64 65.8 47.9 71.9
63 36.3 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: 24.052 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108710.D

Acq: 1 Sep 2018 00:45

Instrument :

BNA_F

ClientSampleId :

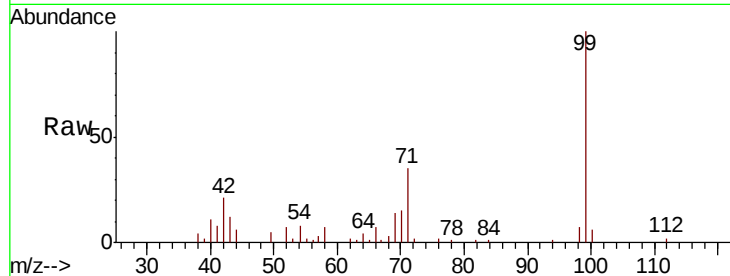
Tot Ion: 99 Resp: 150986

Ion Ratio Lower Upper

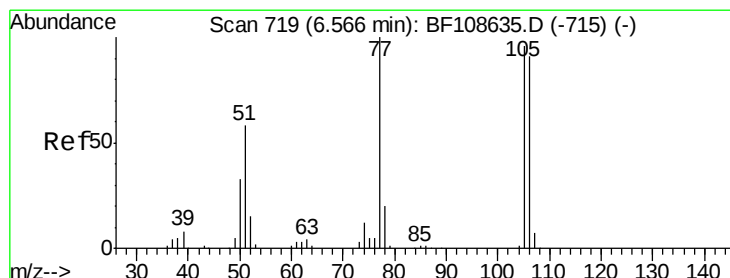
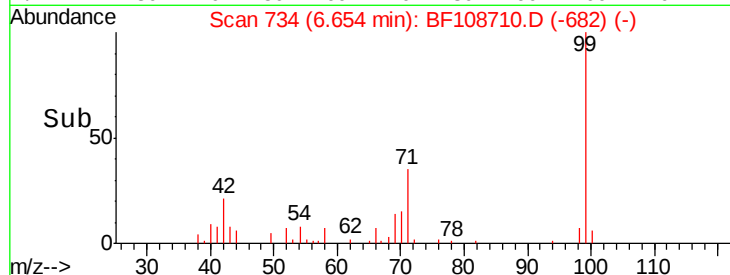
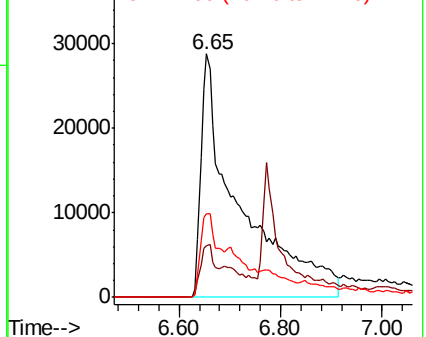
99 100

42 21.4 14.5 21.7

71 34.6 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



#9

Benzaldehyde

Concen: 2.105 ng

RT: 6.77 min Scan# 754

Delta R.T. 0.21 min

Lab File: BF108710.D

Acq: 1 Sep 2018 00:45

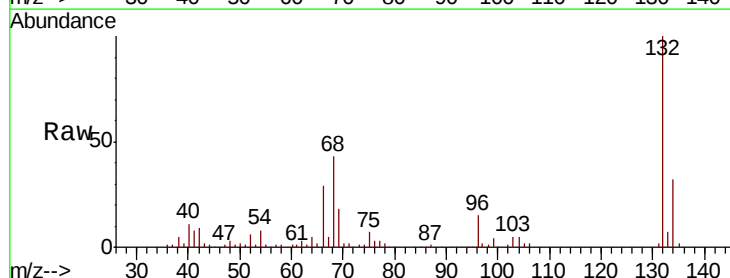
Tgt Ion: 77 Resp: 8169

Ion Ratio Lower Upper

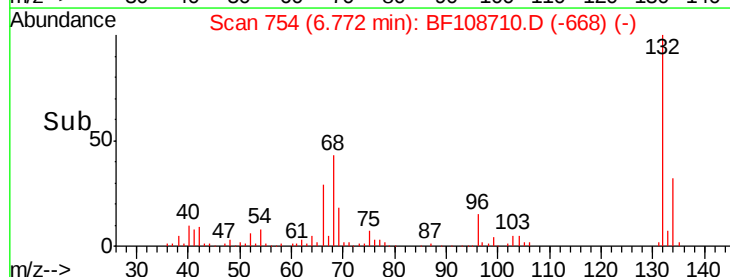
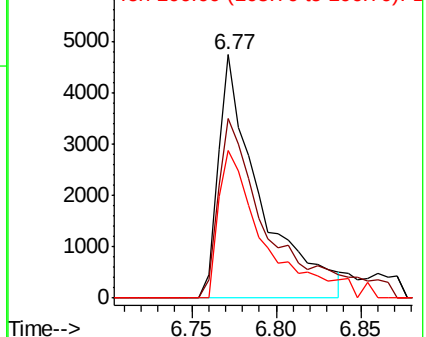
77 100

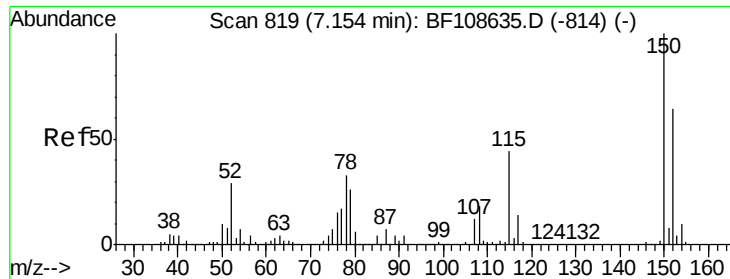
105 74.0 81.1 121.1#

106 60.7 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

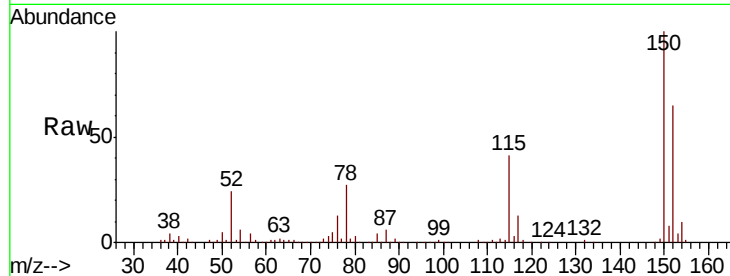




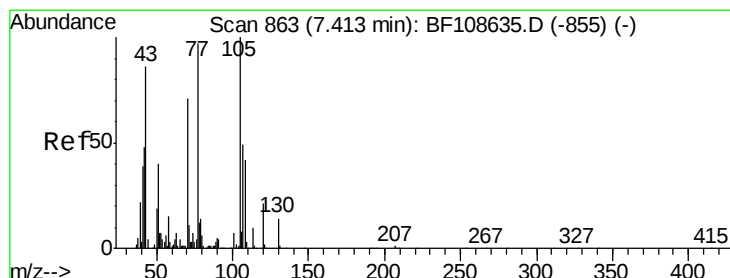
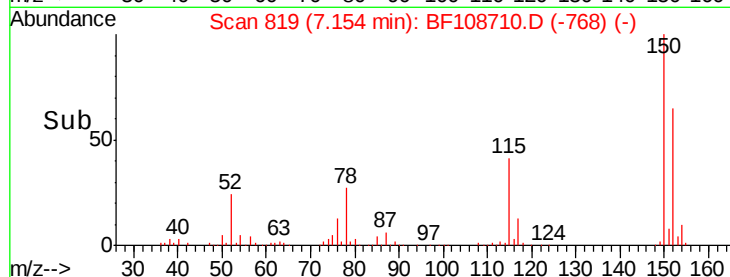
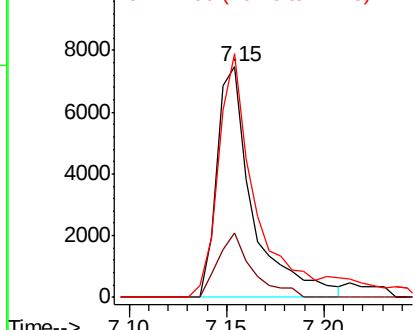
#15
Benzyl Alcohol
Concen: 2.110 ng
RT: 7.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF108710.D
Acq: 1 Sep 2018 00:45

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 9526
Ion Ratio Lower Upper
79 100
108 28.1 65.1 97.7#
77 105.6 50.6 75.8#

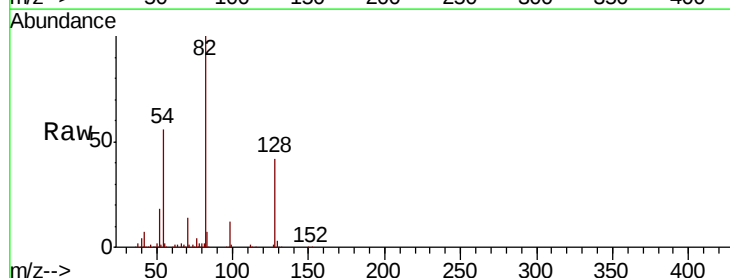


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

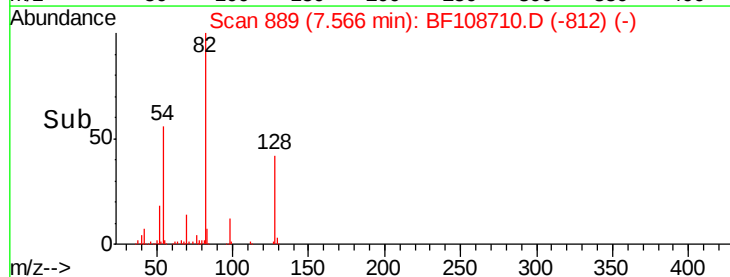
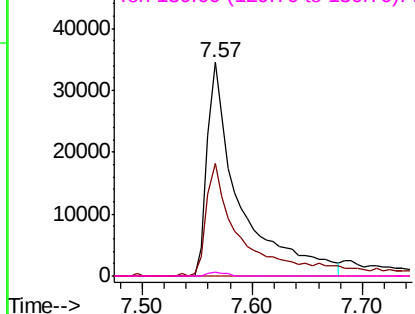


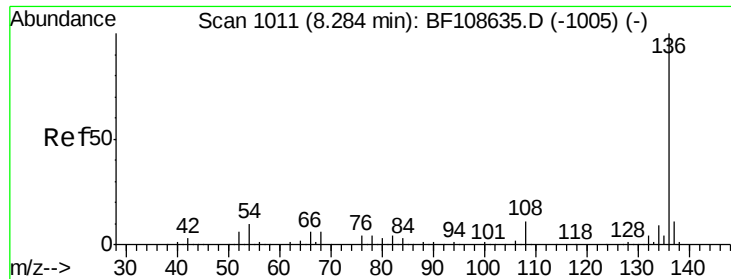
#19
n-Nitroso-di-n-propylamine
Concen: 16.573 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108710.D
Acq: 1 Sep 2018 00:45

Tgt Ion: 70 Resp: 69668
Ion Ratio Lower Upper
70 100
42 52.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

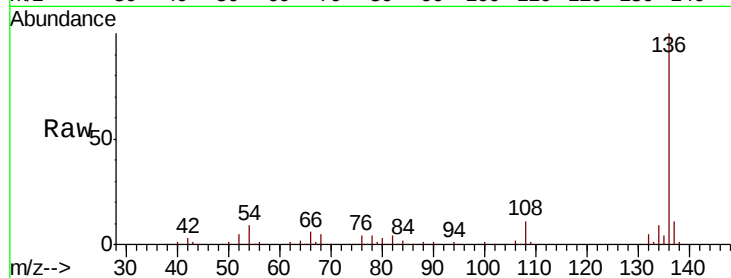




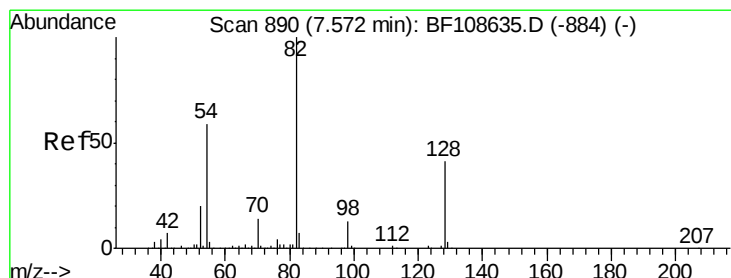
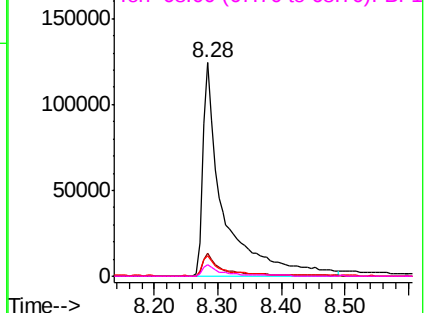
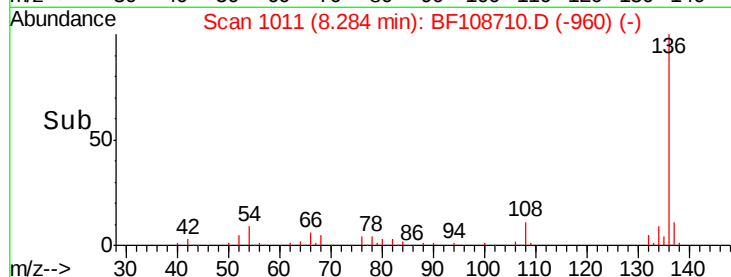
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108710.D
Acq: 1 Sep 2018 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	279541
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	9.4	6.6 9.8
68	5.5	5.0 7.4

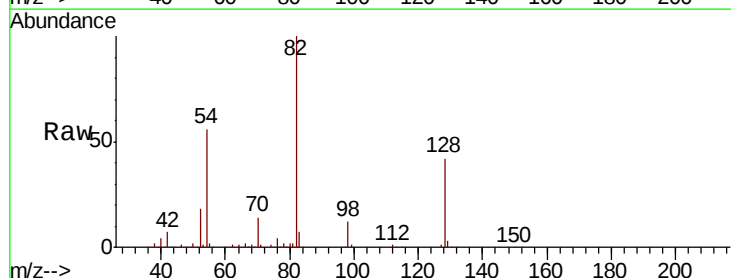


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

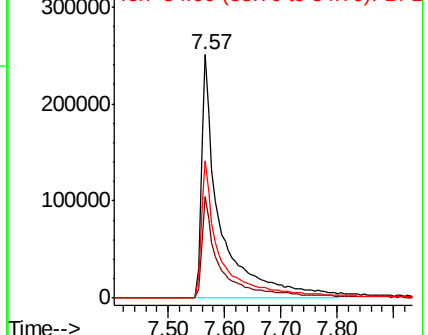
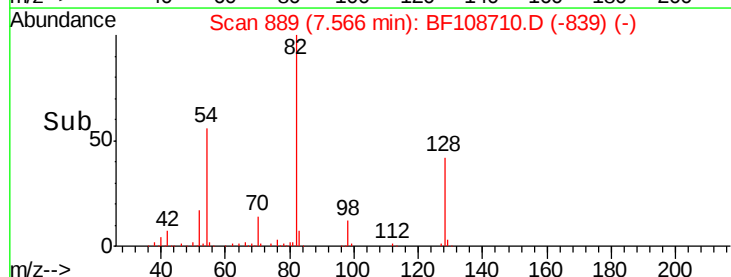


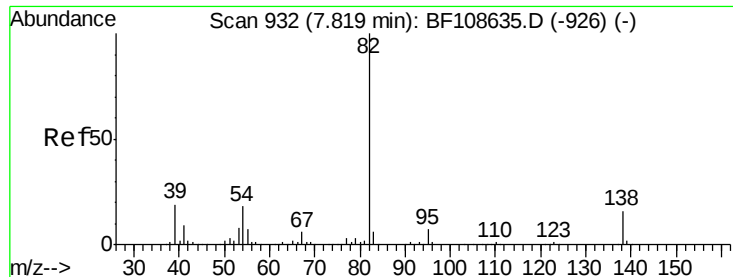
#23
Nitrobenzene-d5
Concen: 104.958 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108710.D
Acq: 1 Sep 2018 00:45

Tgt Ion: 82	Resp:	578033
Ion	Ratio	Lower Upper
82	100	
128	41.7	36.1 54.1
54	56.2	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 63.183 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.25 min

Lab File: BF108710.D

Acq: 1 Sep 2018 00:45

Instrument :

BNA_F

ClientSampleId :

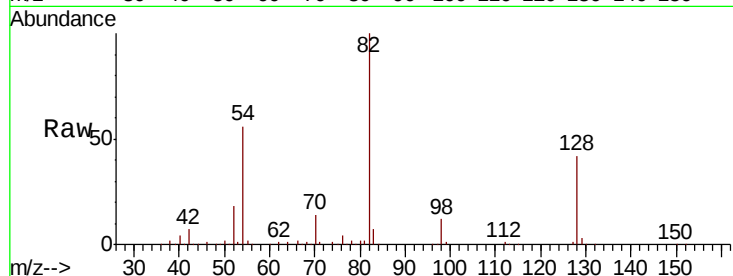
Tot Ion: 82 Resp: 578033

Ion Ratio Lower Upper

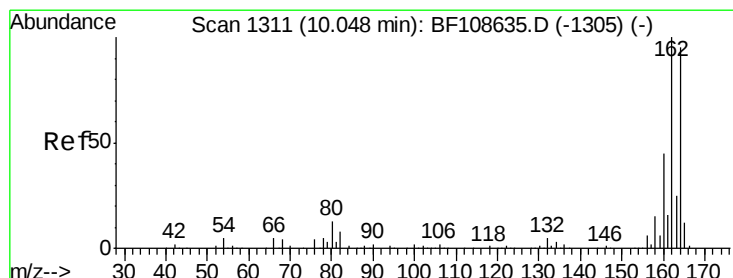
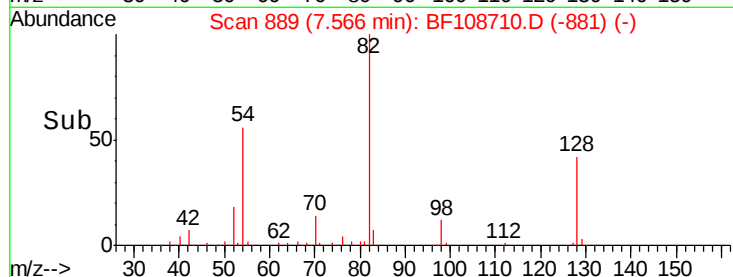
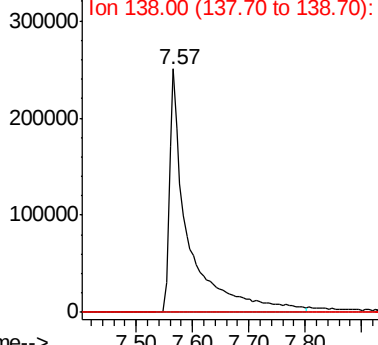
82 100

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: BF108710.D

Acq: 1 Sep 2018 00:45

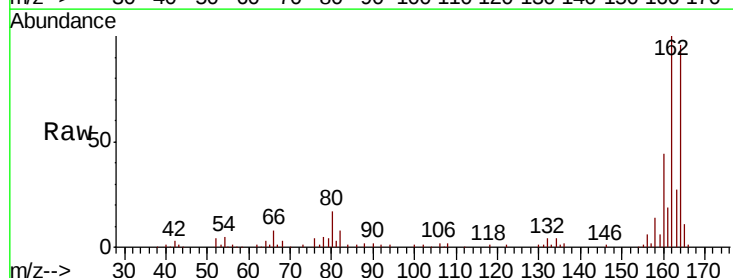
Tgt Ion:164 Resp: 119949

Ion Ratio Lower Upper

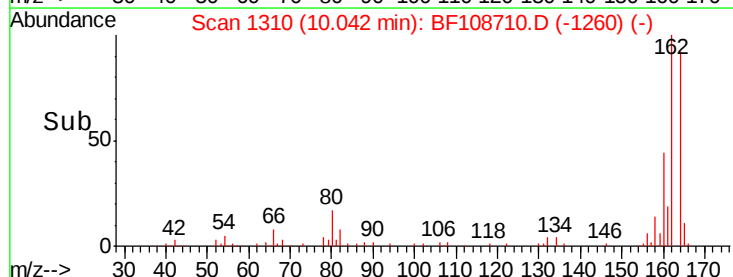
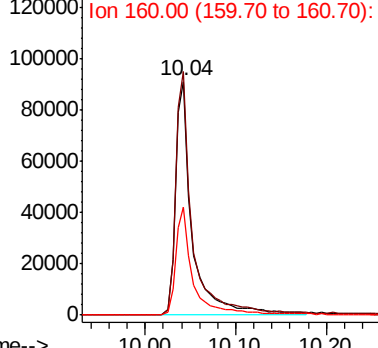
164 100

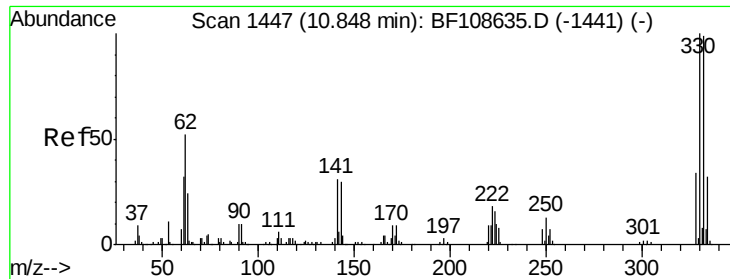
162 104.1 86.1 129.1

160 46.3 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

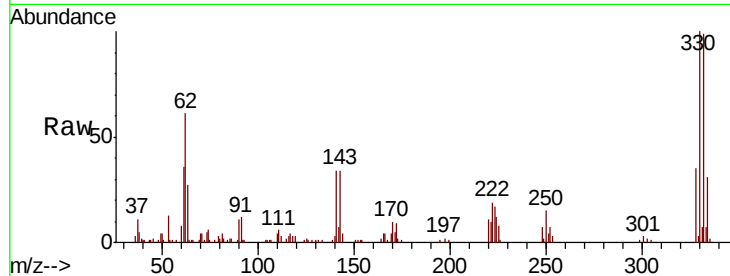




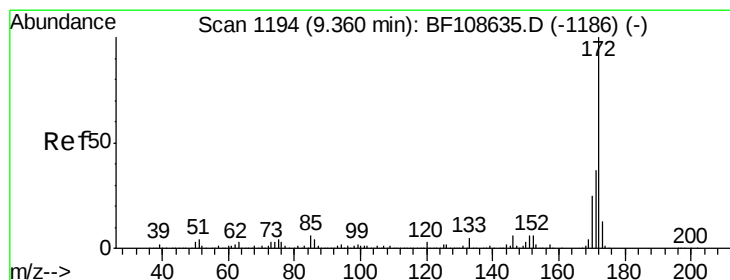
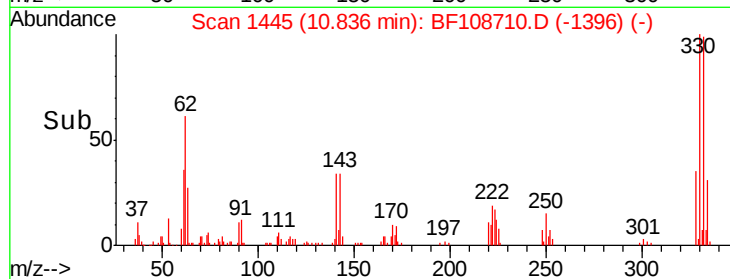
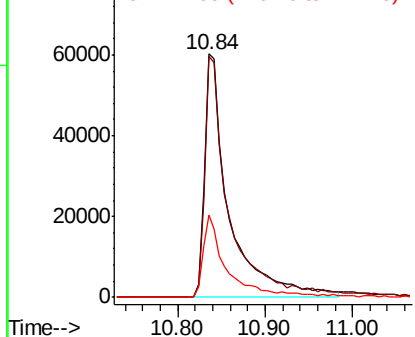
#41
 2,4,6-Tribromophenol
 Concen: 74.066 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108710.D
 Acq: 1 Sep 2018 00:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 117281
 Ion Ratio Lower Upper
 330 100
 332 100.6 77.0 115.6
 141 33.2 29.9 44.9

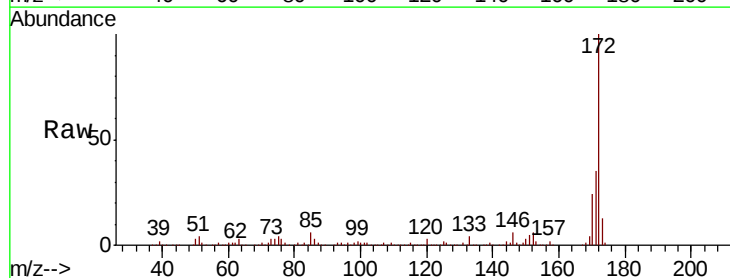


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

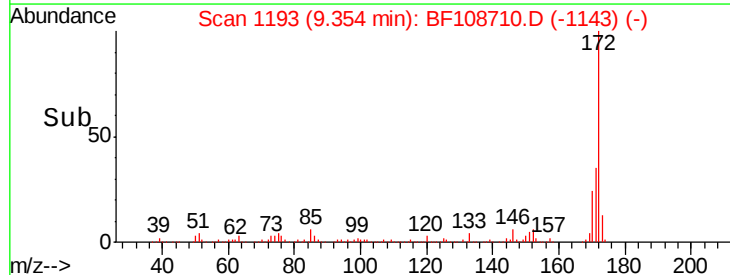
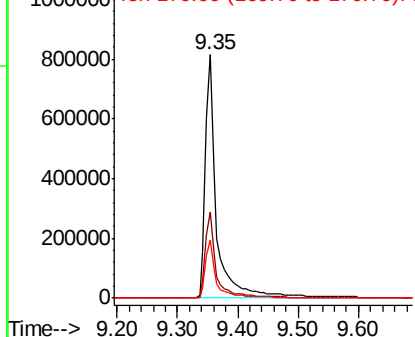


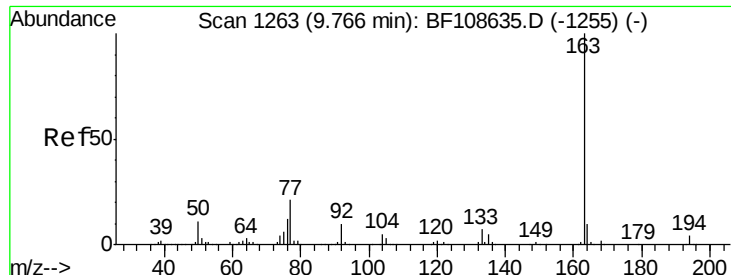
#44
 2-Fluorobiphenyl
 Concen: 119.049 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108710.D
 Acq: 1 Sep 2018 00:45

Tgt Ion:172 Resp: 1062034
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.7 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

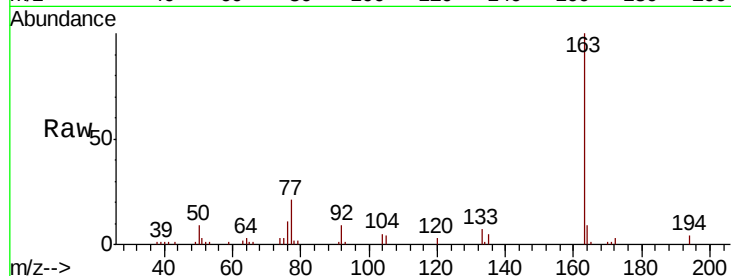




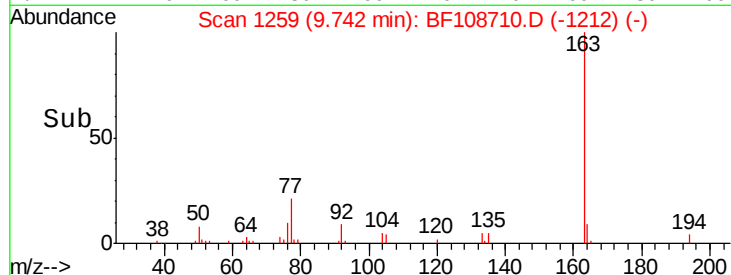
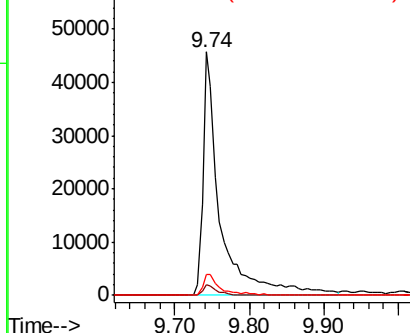
#49
Dimethylphthalate
Concen: 7.858 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108710.D
Acq: 1 Sep 2018 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 74221
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 8.6 8.2 12.2

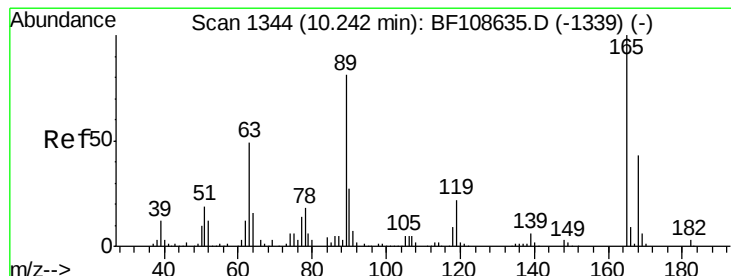


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

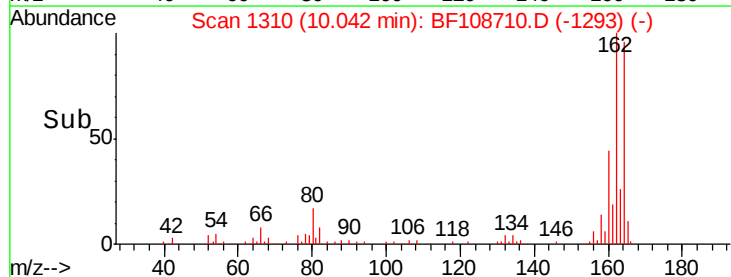
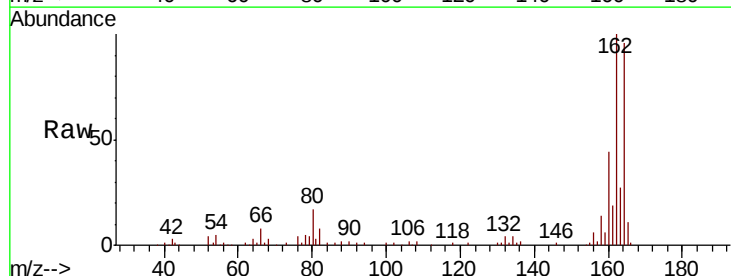
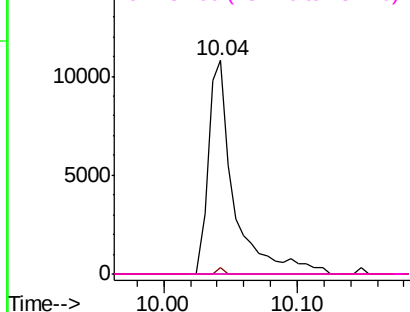


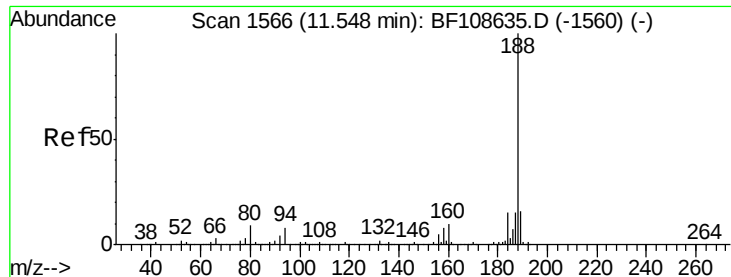
#56
2,4-Dinitrotoluene
Concen: 5.257 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.20 min
Lab File: BF108710.D
Acq: 1 Sep 2018 00:45

Tgt Ion:165 Resp: 14491
Ion Ratio Lower Upper
165 100
63 2.8 36.4 54.6#
89 0.0 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

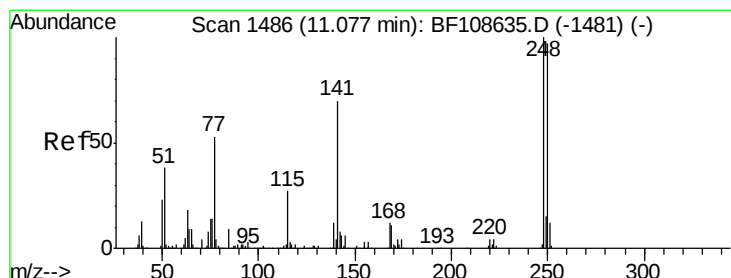
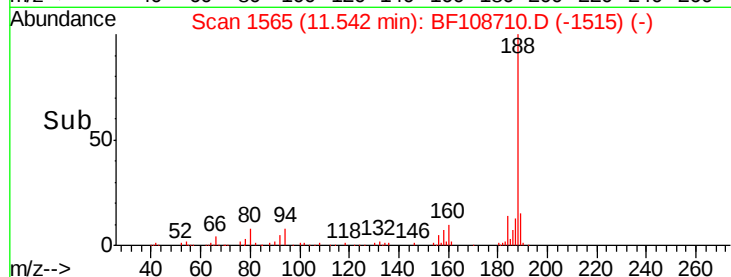
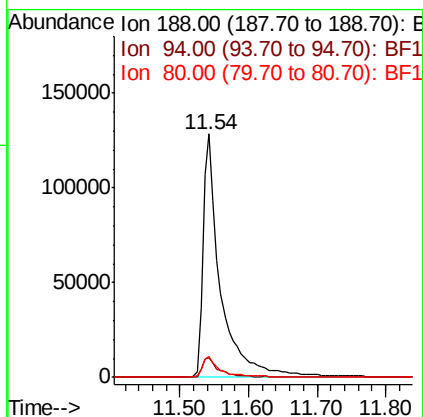
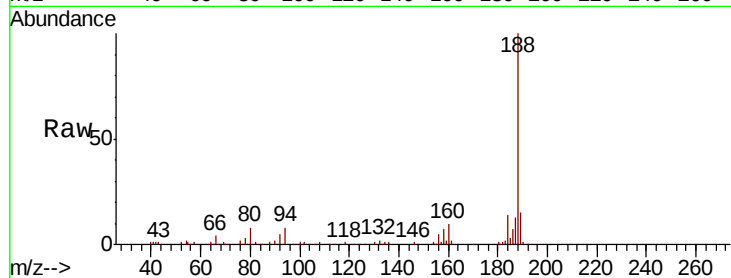




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108710.D
Acq: 1 Sep 2018 00:45

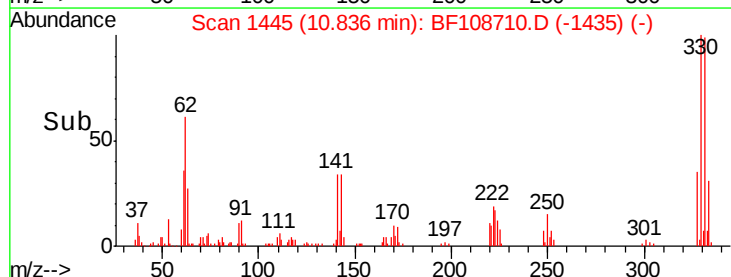
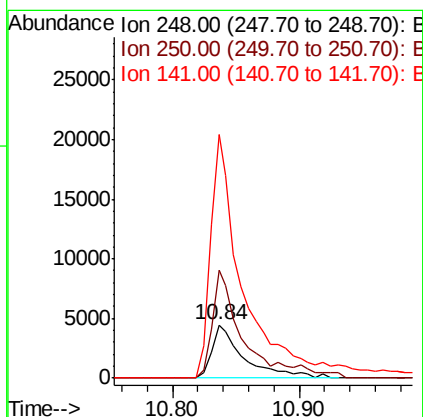
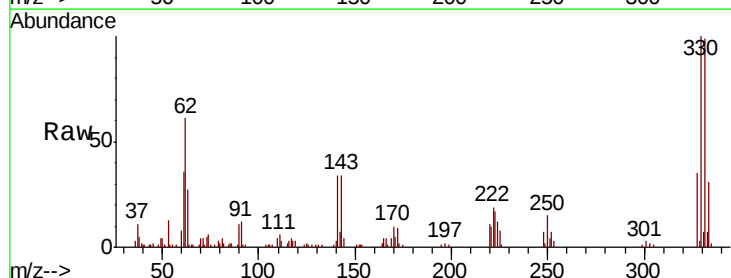
Instrument :
BNA_F
ClientSampleId :

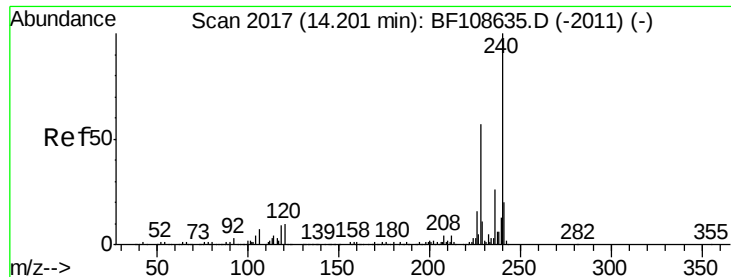
Tot Ion:188 Resp: 231488
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.4 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 2.773 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.24 min
Lab File: BF108710.D
Acq: 1 Sep 2018 00:45

Tgt Ion:248 Resp: 7890
Ion Ratio Lower Upper
248 100
250 204.2 76.9 115.3#
141 458.5 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108710.D

Acq: 1 Sep 2018 00:45

Instrument :

BNA_F

ClientSampled :

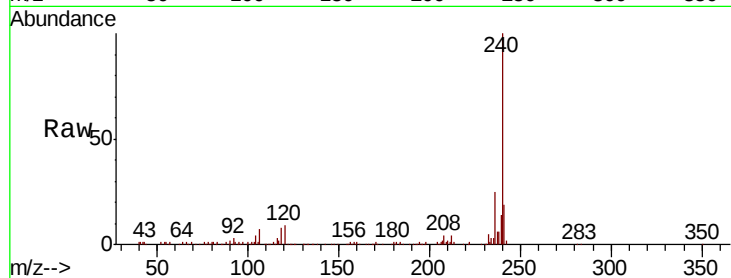
Tot Ion:240 Resp: 222646

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

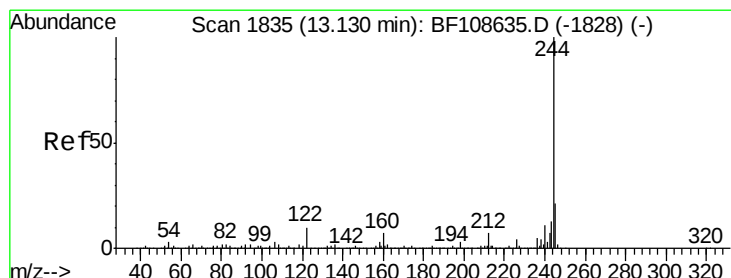
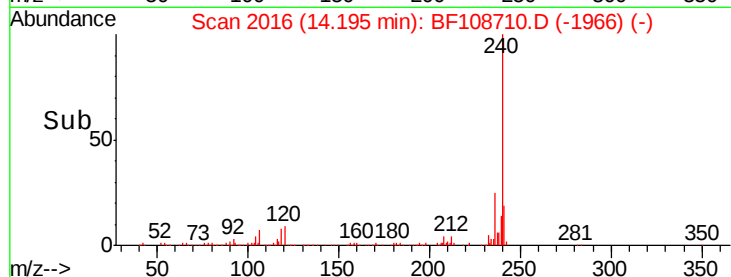
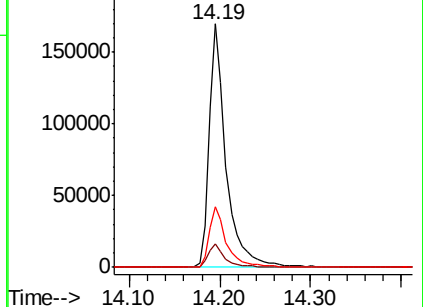
236 24.9 20.7 31.1



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: 86.194 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108710.D

Acq: 1 Sep 2018 00:45

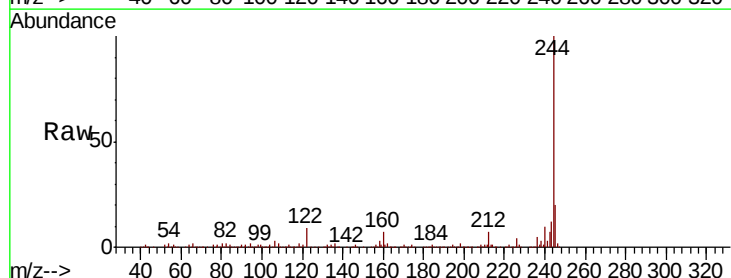
Tgt Ion:244 Resp: 987710

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

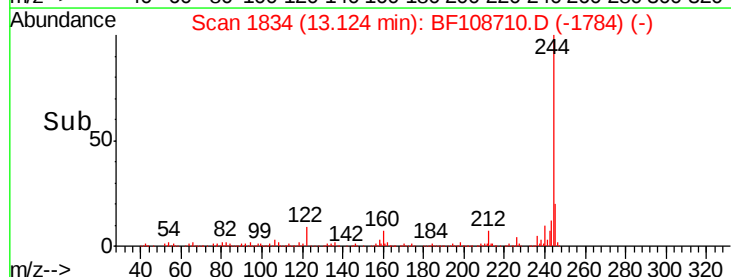
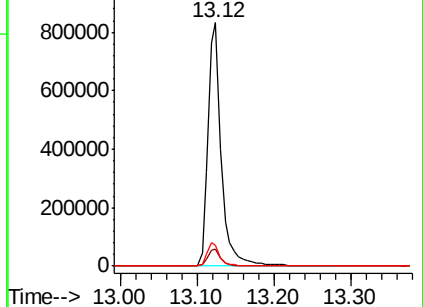
122 8.6 11.0 16.4#

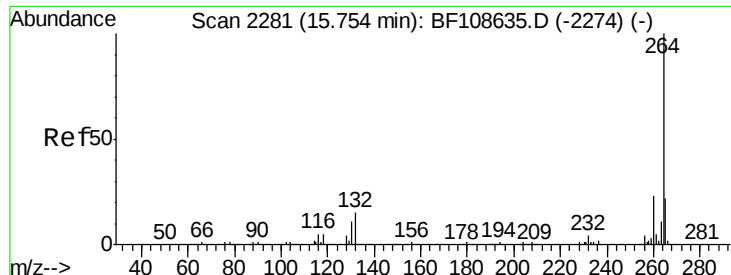


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF108710.D
Acq: 1 Sep 2018 00:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.1	17.5	26.3

