

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108645.D
 Acq On : 30 Aug 2018 17:23
 Operator : JU/SJ
 Sample : PB112423BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 17:45:22 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

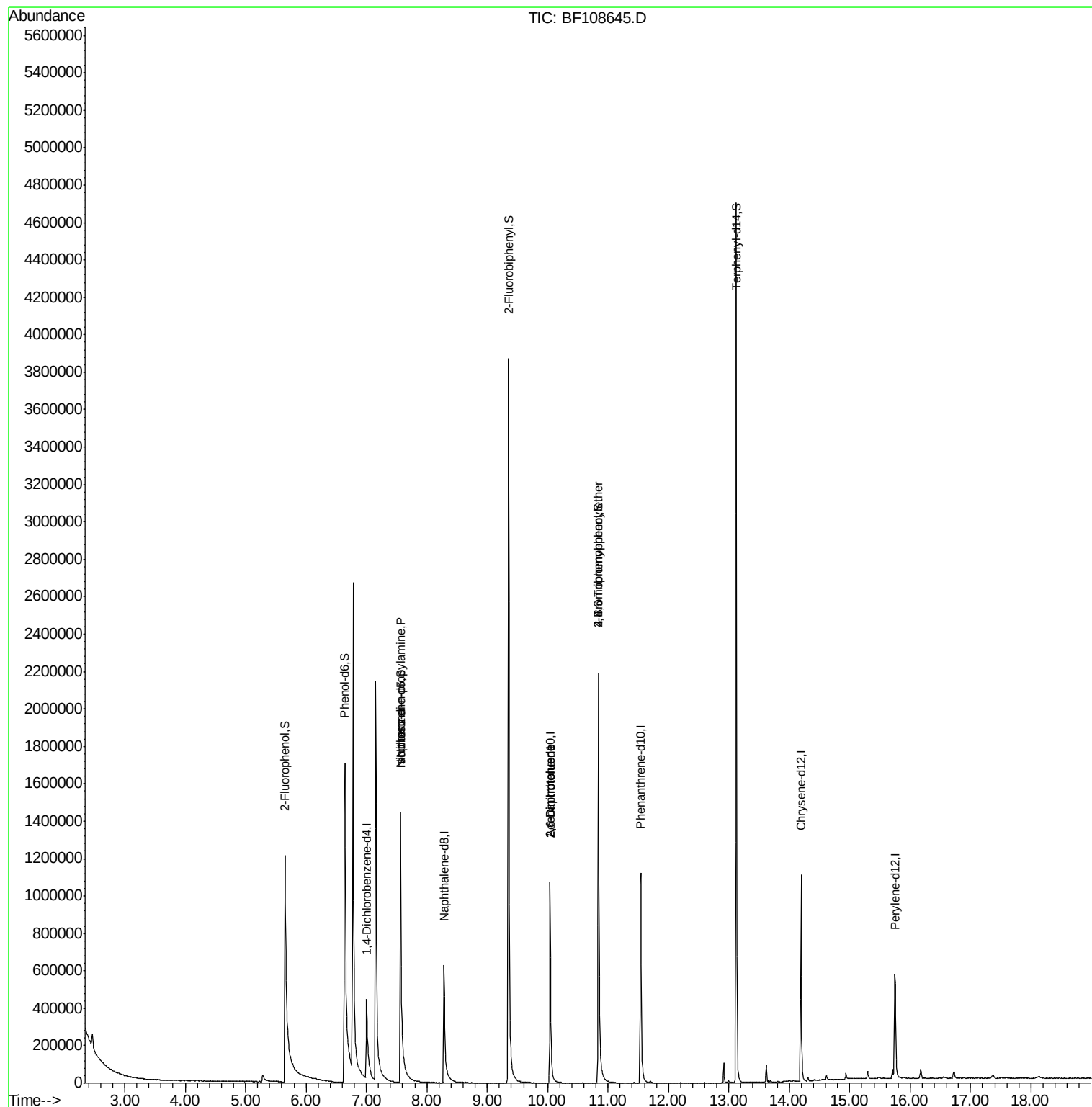
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	139115	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	553582	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	295441	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	622476	20.00	ng	0.00
75) Chrysene-d12	14.19	240	496654	20.00	ng	0.00
86) Perylene-d12	15.75	264	363241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	852299	106.43	ng	0.00
7) Phenol-d6	6.64	99	1265647	110.35	ng	0.00
23) Nitrobenzene-d5	7.57	82	841569	77.16	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	392618	100.67	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1633057	74.32	ng	0.00
78) Terphenyl-d14	13.12	244	1842589	72.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	106756	13.899	ng	# 82
25) Isophorone	7.57	82	843813	46.576	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	35822	6.985	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	36330	5.350	ng	# 23
66) 4-Bromophenyl-phenylether	10.84	248	25226	3.297	ng	# 1

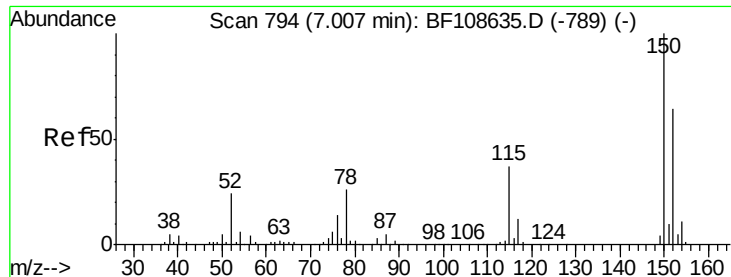
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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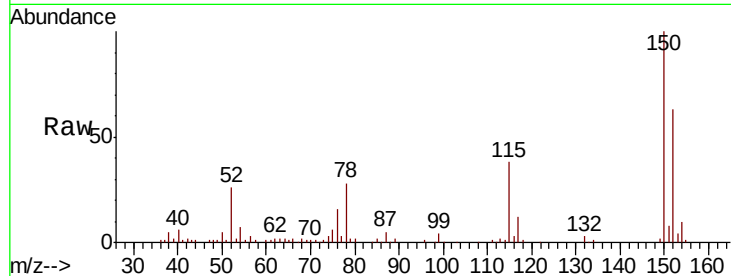


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108645.D
Acq: 30 Aug 2018 17:23

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	59.9	50.1	75.1

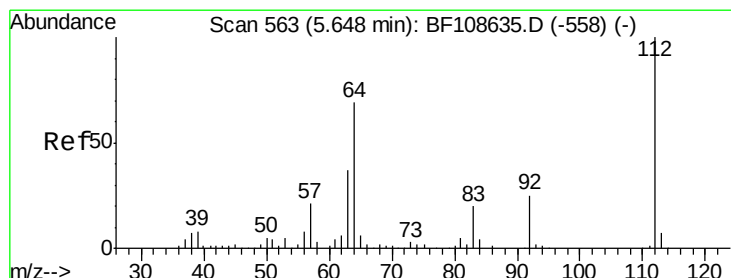
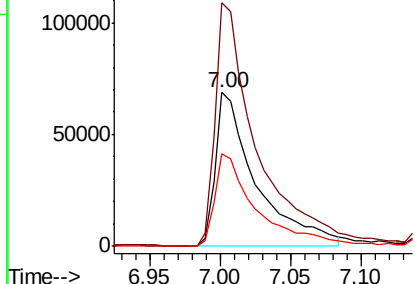
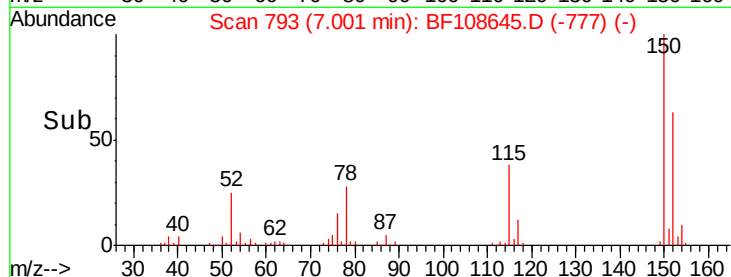


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

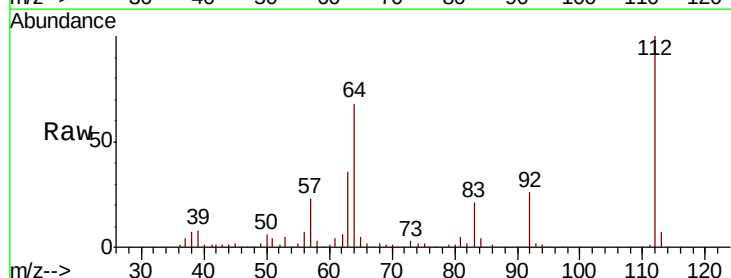
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.431 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF108645.D
Acq: 30 Aug 2018 17:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	47.9	71.9
63	36.2	23.7	35.5

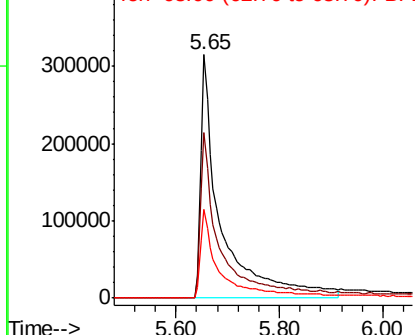
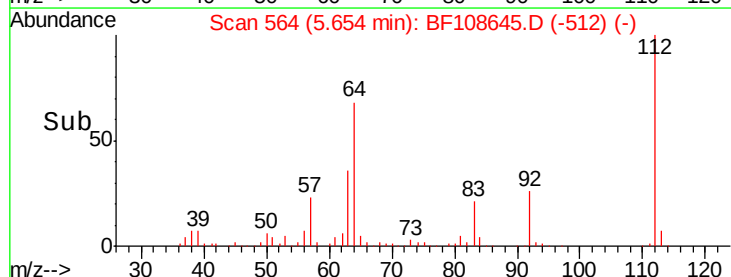


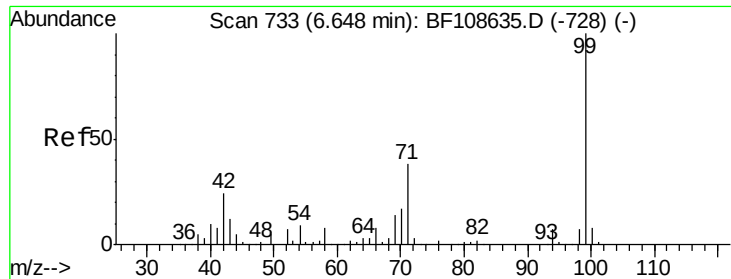
Abundance

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: 110.349 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF108645.D

Acq: 30 Aug 2018 17:23

Instrument :

BNA_F

ClientSampleId :

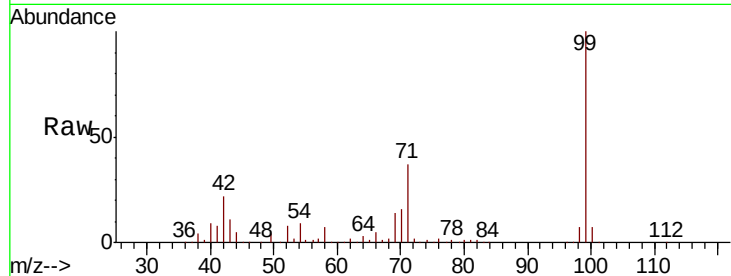
Tot Ion: 99 Resp: 1265647

Ion Ratio Lower Upper

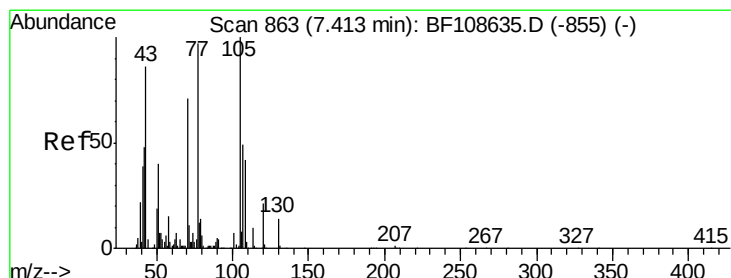
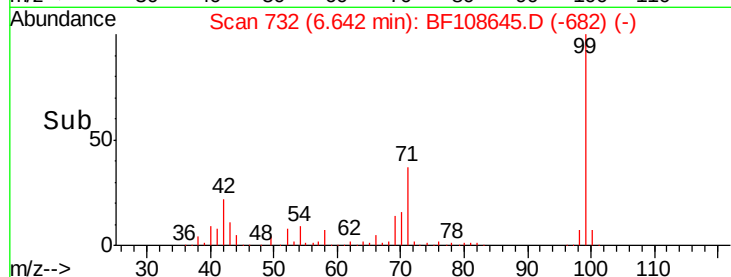
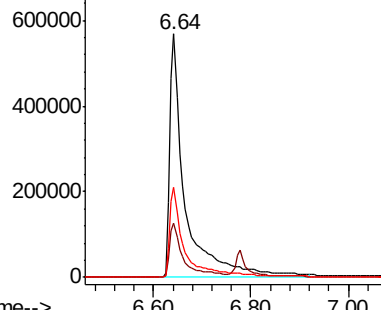
99 100

42 22.3 14.5 21.7#

71 37.1 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: 13.899 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108645.D

Acq: 30 Aug 2018 17:23

Tgt Ion: 70 Resp: 106756

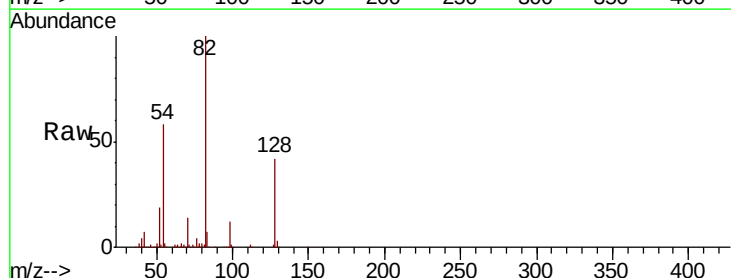
Ion Ratio Lower Upper

70 100

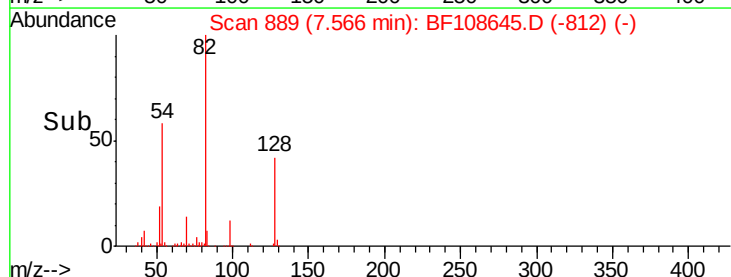
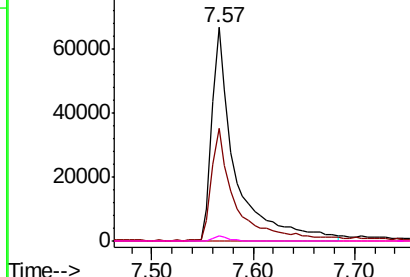
42 52.8 47.5 71.3

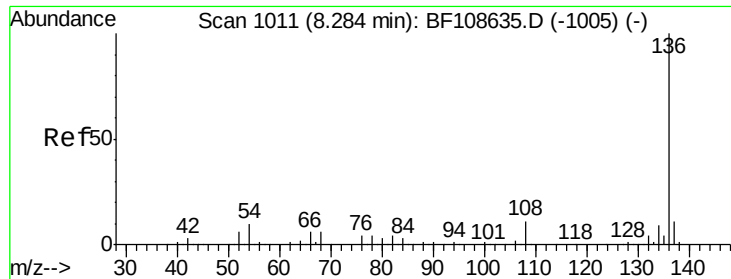
101 0.0 7.4 11.2#

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

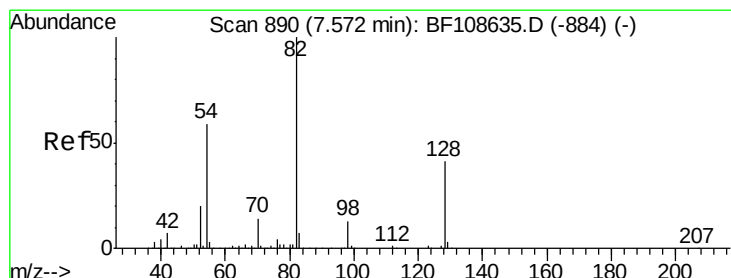
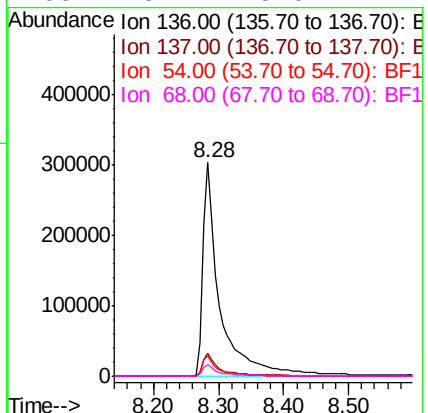
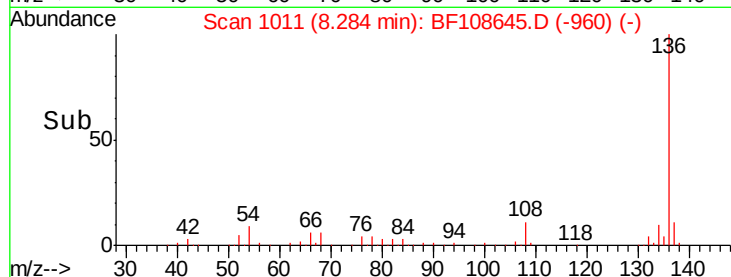
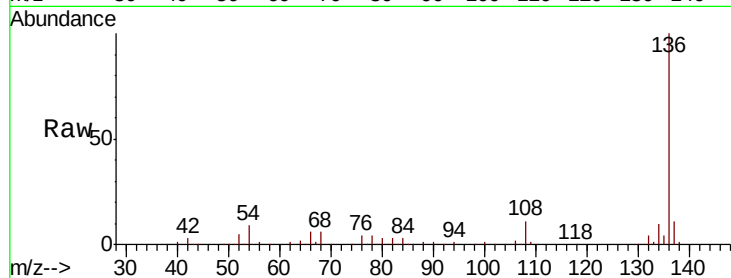




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108645.D
Acq: 30 Aug 2018 17:23

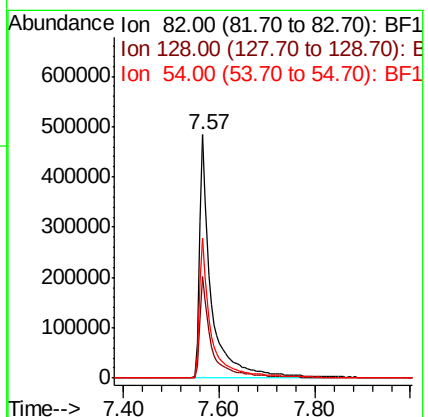
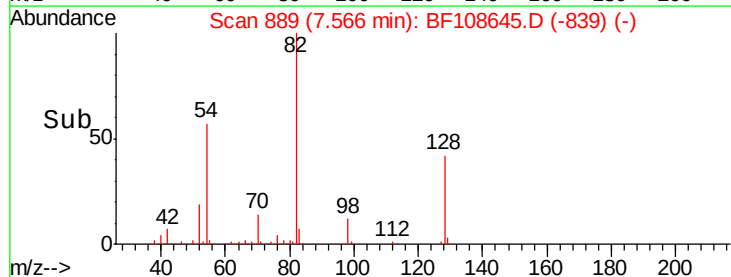
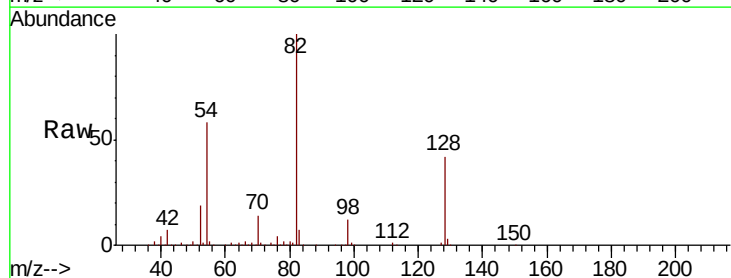
Instrument :
BNA_F
ClientSampleId :

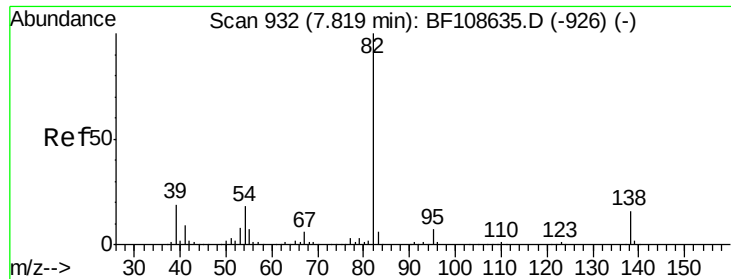
Tot Ion:136	Resp:	553582
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.5	6.6 9.8
68	5.7	5.0 7.4



#23
Nitrobenzene-d5
Concen: 77.165 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108645.D
Acq: 30 Aug 2018 17:23

Tgt Ion: 82	Resp:	841569
Ion Ratio	Lower	Upper
82	100	
128	41.7	36.1 54.1
54	57.6	41.4 62.2

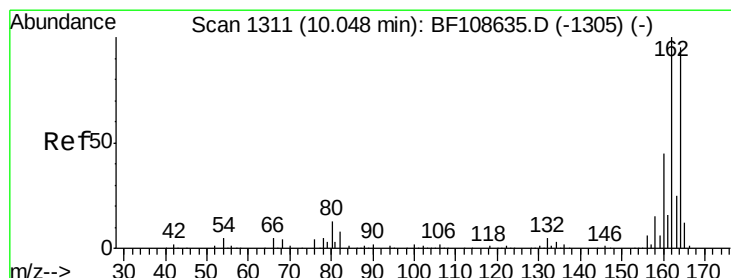
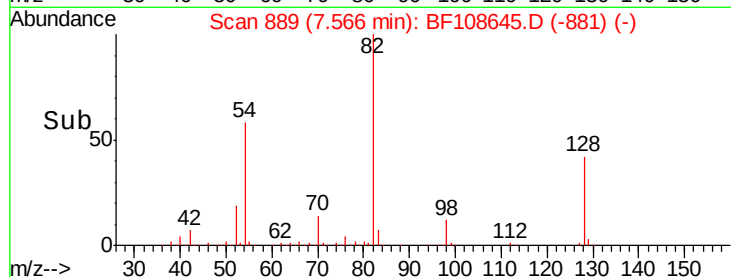
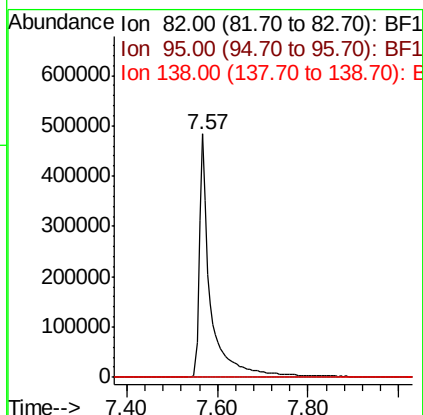
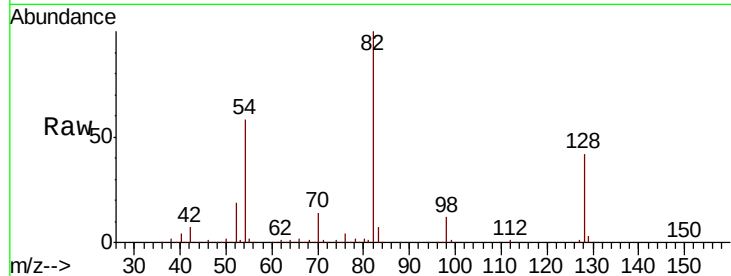




#25
Isophorone
Concen: 46.576 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108645.D
Acq: 30 Aug 2018 17:23

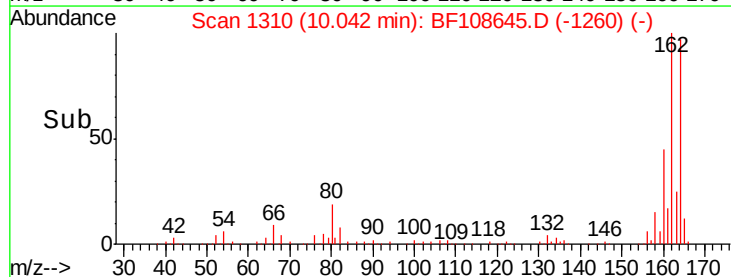
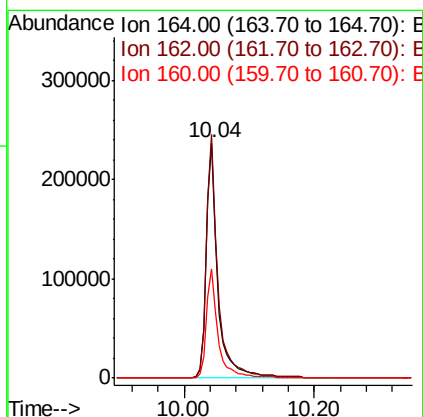
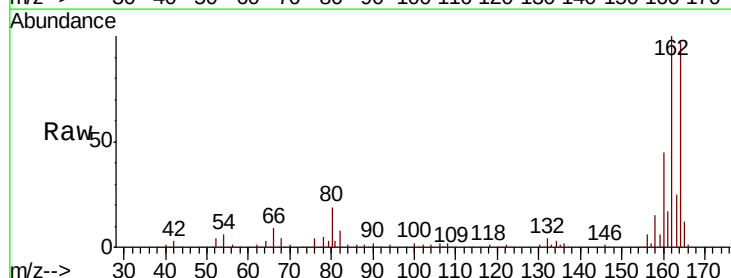
Instrument :
BNA_F
ClientSampleId :

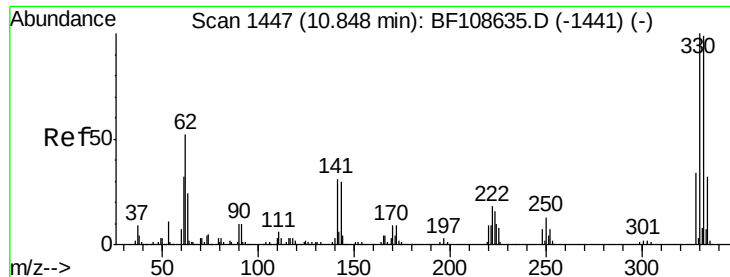
Tot Ion: 82 Resp: 843813
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108645.D
Acq: 30 Aug 2018 17:23

Tgt Ion:164 Resp: 295441
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 46.3 38.3 57.5

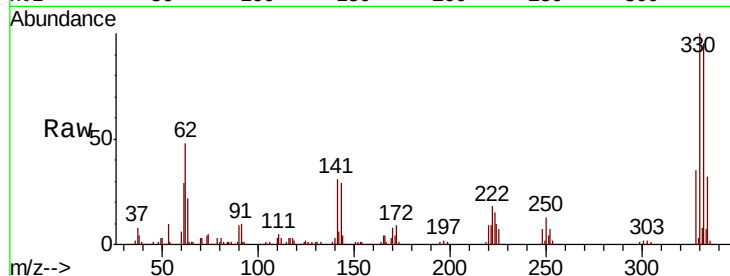




#41
 2,4,6-Tribromophenol
 Concen: 100.667 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108645.D
 Acq: 30 Aug 2018 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	33.0	29.9	44.9

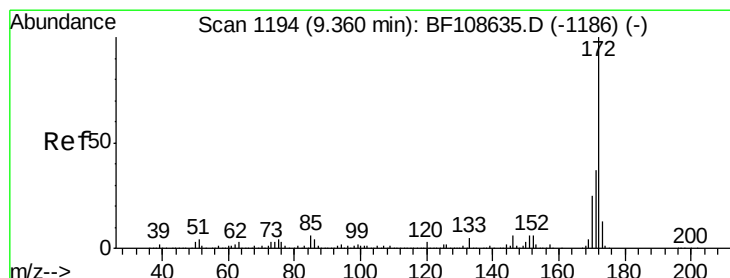
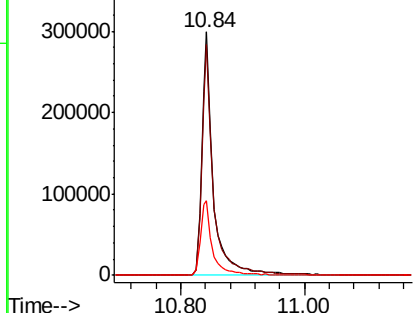
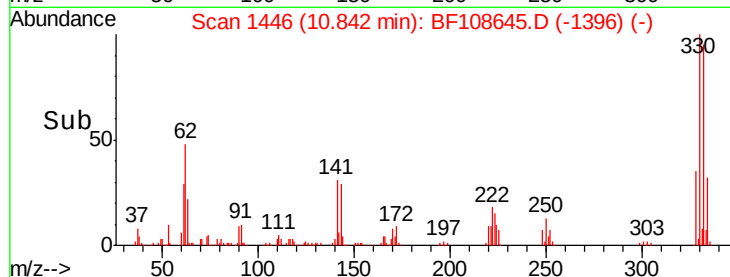


Abundance

Ion 329.80 (329.50 to 330.50): E

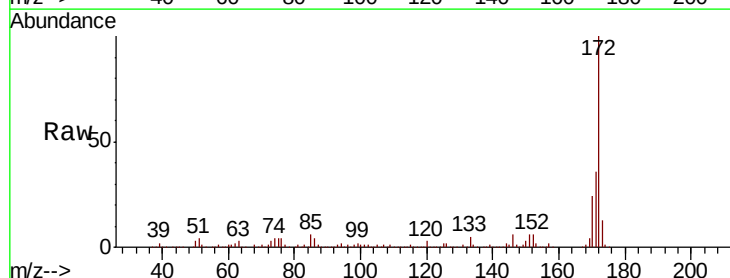
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.322 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108645.D
 Acq: 30 Aug 2018 17:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	19.6	29.4

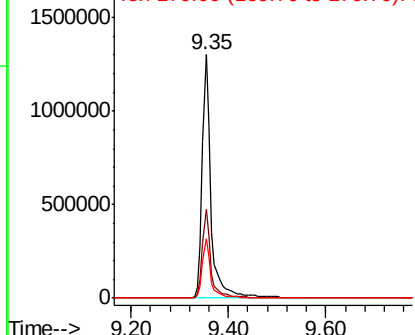
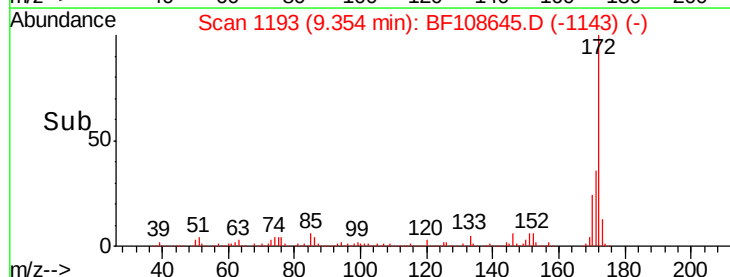


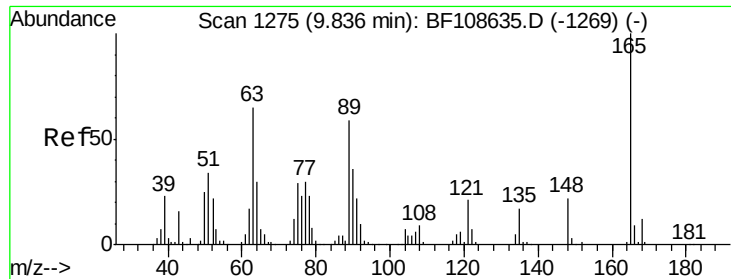
Abundance

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

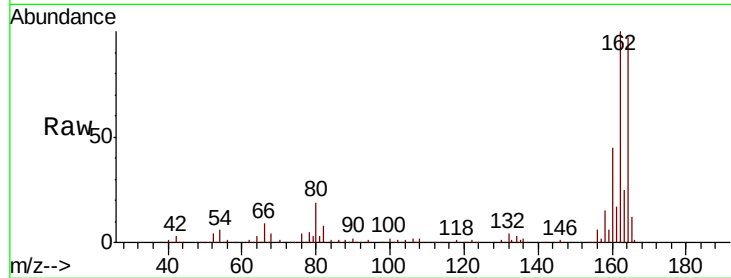




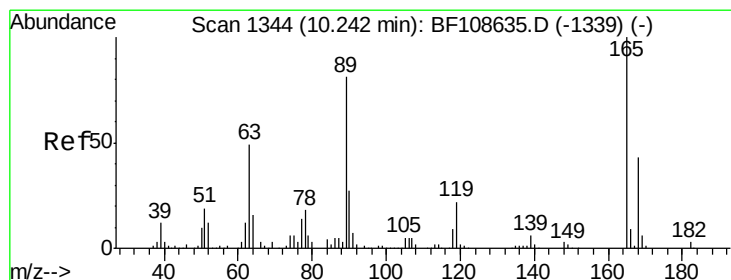
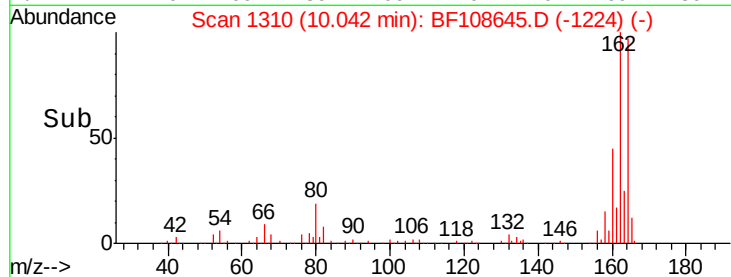
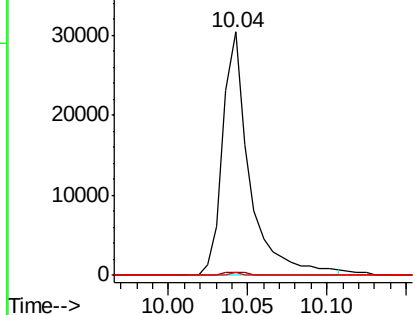
#50
 2,6-Dinitrotoluene
 Concen: 6.985 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108645.D
 Acq: 30 Aug 2018 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.1	44.0	66.0#



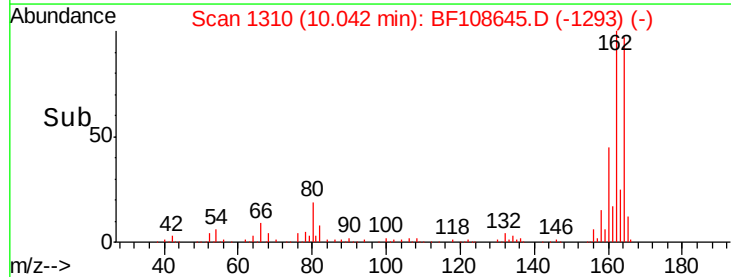
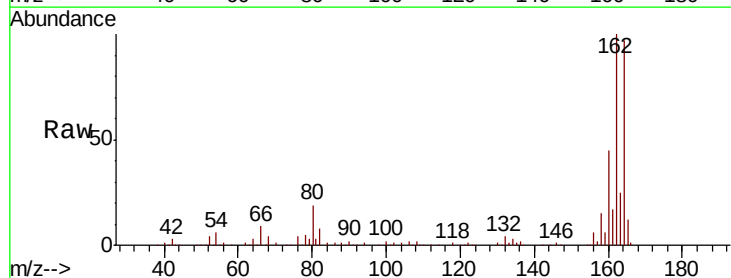
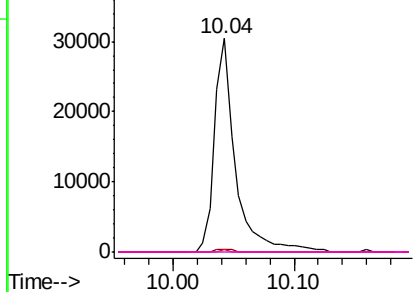
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

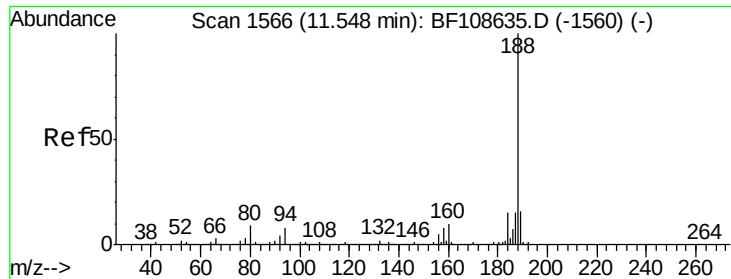


#56
 2,4-Dinitrotoluene
 Concen: 5.350 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.20 min
 Lab File: BF108645.D
 Acq: 30 Aug 2018 17:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.1	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

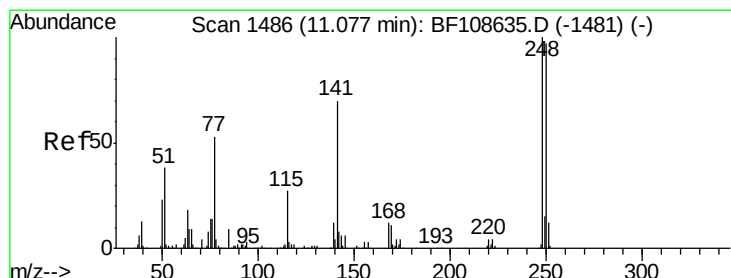
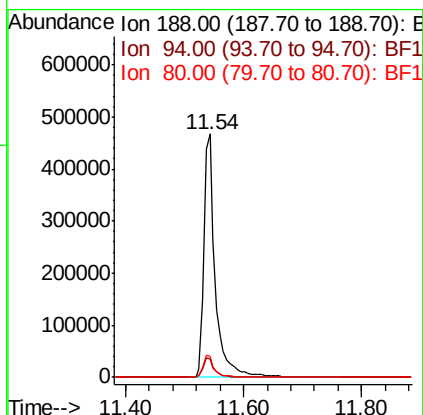
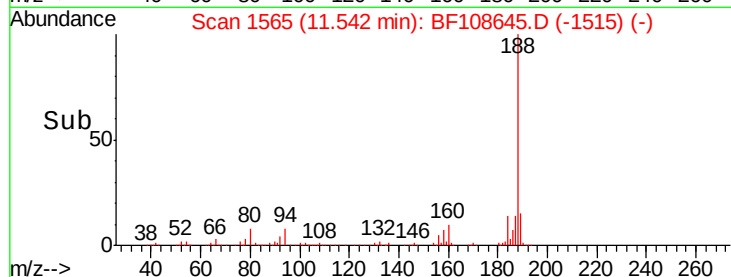
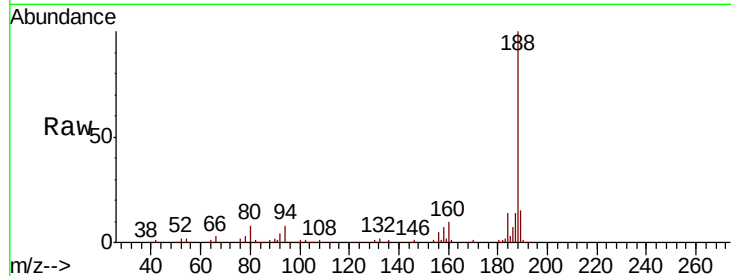




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108645.D
 Acq: 30 Aug 2018 17:23

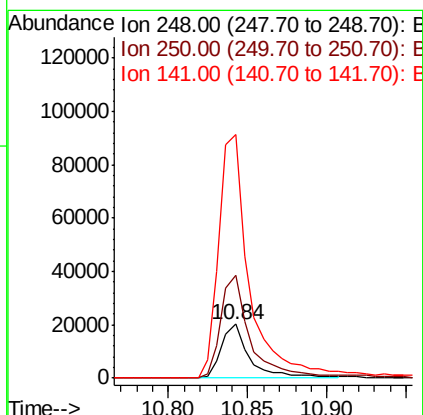
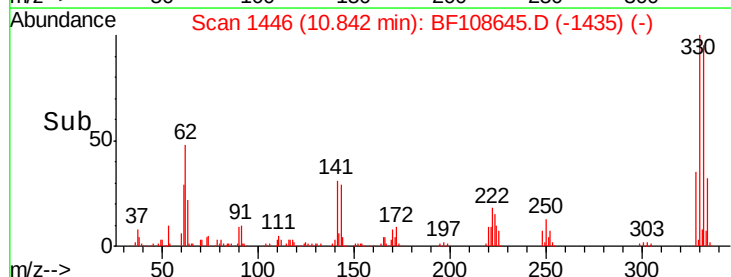
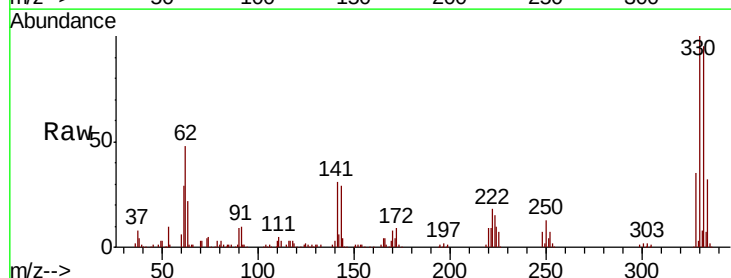
Instrument :
 BNA_F
 ClientSampleId :

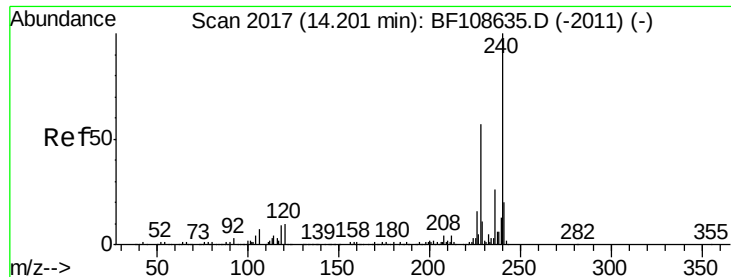
Tot Ion:188 Resp: 622476
 Ion Ratio Lower Upper
 188 100
 94 7.6 8.5 12.7#
 80 8.4 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.297 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.24 min
 Lab File: BF108645.D
 Acq: 30 Aug 2018 17:23

Tgt Ion:248 Resp: 25226
 Ion Ratio Lower Upper
 248 100
 250 192.4 76.9 115.3#
 141 454.2 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: BF108645.D

Acq: 30 Aug 2018 17:23

Instrument :

BNA_F

ClientSampled :

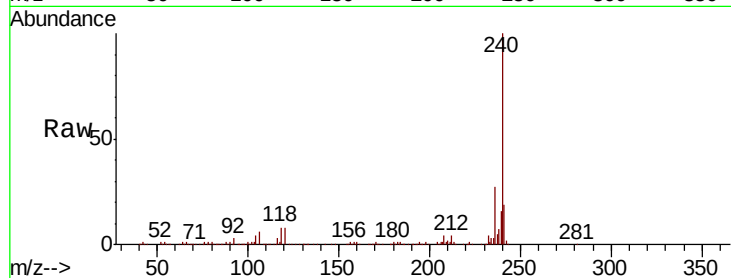
Tot Ion:240 Resp: 496654

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

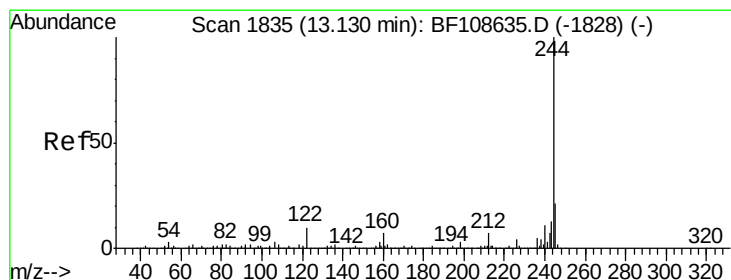
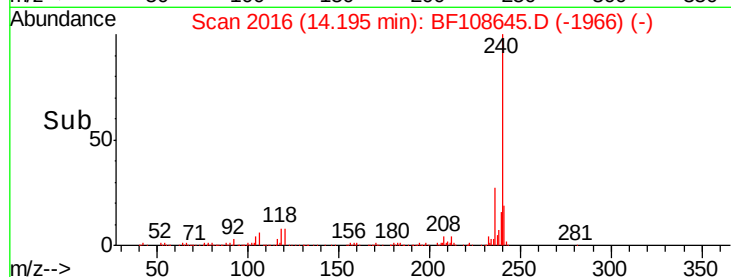
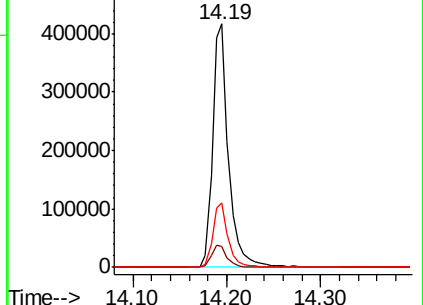
236 26.7 20.7 31.1



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: 72.084 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108645.D

Acq: 30 Aug 2018 17:23

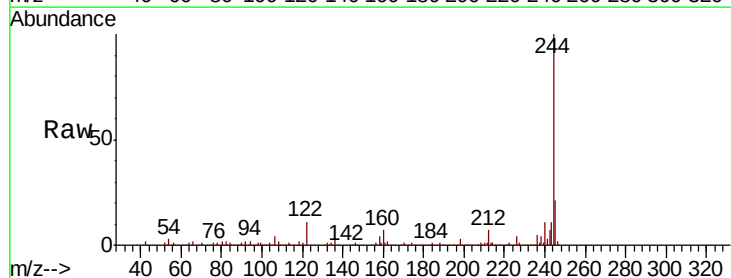
Tgt Ion:244 Resp: 1842589

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

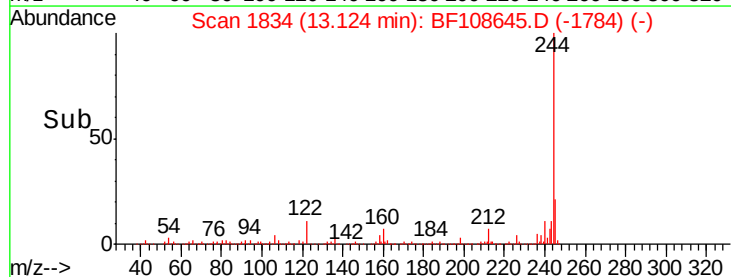
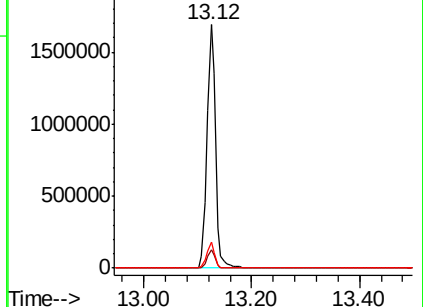
122 10.9 11.0 16.4#

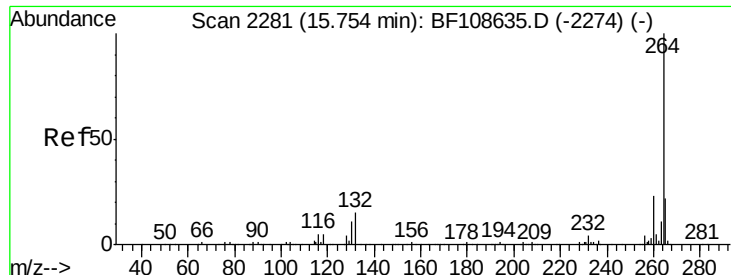


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2280
 Delta R.T. -0.01 min
 Lab File: BF108645.D
 Acq: 30 Aug 2018 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	363241
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.5	26.3

