

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108643.D
 Acq On : 30 Aug 2018 16:29
 Operator : JU/SJ
 Sample : PB112486BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 16:52:23 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	119315	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	475684	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	250064	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	539232	20.00	ng	0.00
75) Chrysene-d12	14.19	240	450105	20.00	ng	0.00
86) Perylene-d12	15.75	264	324381	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	731746	106.54	ng	0.00
7) Phenol-d6	6.64	99	1116481	113.50	ng	0.00
23) Nitrobenzene-d5	7.57	82	752109	80.26	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	367872	111.44	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1464787	78.76	ng	0.00
78) Terphenyl-d14	13.12	244	1709881	73.81	ng	0.00

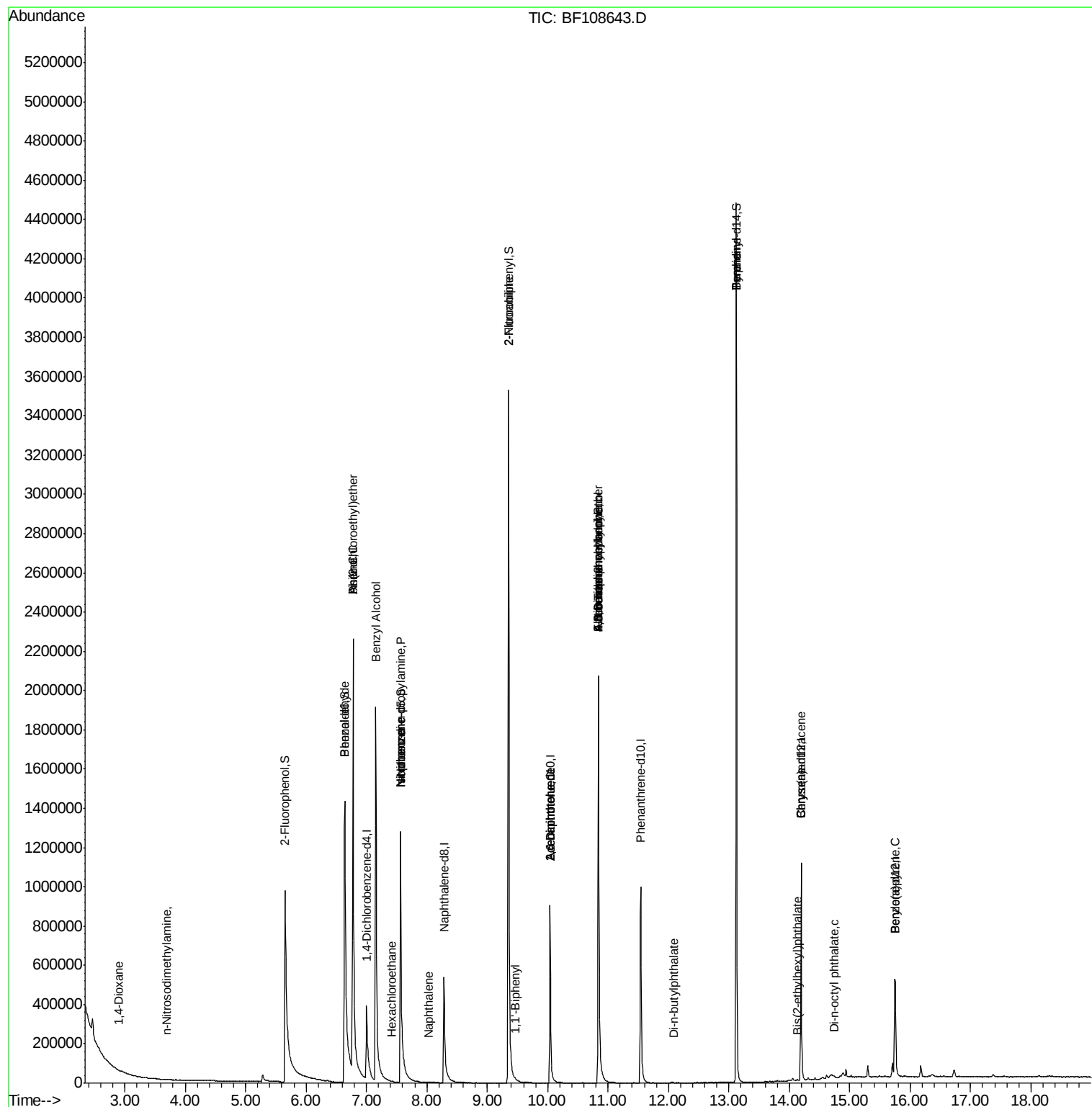
Target Compounds				Qvalue		
2) 1,4-Dioxane	2.90	88	469	0.147	ng	# 33
4) n-Nitrosodimethylamine	3.70	42	683	0.186	ng	# 1
6) Aniline	6.78	93	1030	0.097	ng	# 1
9) Benzaldehyde	6.64	77	1160	0.191	ng	# 1
10) Phenol	6.77	94	1619	0.141	ng	# 1
11) bis(2-Chloroethyl)ether	6.78	93	1030	0.102	ng	# 1
15) Benzyl Alcohol	7.15	79	11872	1.678	ng	# 41
18) Hexachloroethane	7.41	117	131	0.036	ng	# 2
19) n-Nitroso-di-n-propylamine	7.57	70	94723	14.379	ng	# 81
24) Nitrobenzene	7.57	77	1717	0.181	ng	# 37
25) Isophorone	7.57	82	759992	48.819	ng	# 64
31) Naphthalene	8.03	128	128	0.006	ng	# 68
45) 1,1'-Biphenyl	9.47	154	1822	0.084	ng	# 43
47) 2-Nitroaniline	9.35	65	2245	0.394	ng	# 1
50) 2,6-Dinitrotoluene	10.04	165	30812	7.099	ng	# 26
51) Acenaphthene	10.04	154	772	0.052	ng	# 4
56) 2,4-Dinitrotoluene	10.04	165	31357	5.456	ng	# 23
57) Fluorene	10.84	166	12999	0.719	ng	# 89
62) Azobenzene	10.84	77	1519	0.077	ng	# 2
64) 4,6-Dinitro-2-methylphenol	10.84	198	621	0.260	ng	# 1
65) n-Nitrosodiphenylamine	10.84	169	11169	0.623	ng	# 50
66) 4-Bromophenyl-phenylether	10.84	248	23856	3.600	ng	# 1
73) Di-n-butylphthalate	12.08	149	519	0.016	ng	# 78
76) Benzidine	13.12	184	22628	1.786	ng	# 93
77) Pyrene	13.12	202	5459	0.161	ng	# 65
80) Benzo(a)anthracene	14.19	228	1126	0.041	ng	# 53
82) Chrysene	14.19	228	1126	0.043	ng	# 51
83) Bis(2-ethylhexyl)phthalate	14.14	149	1569	0.086	ng	# 95
84) Di-n-octyl phthalate	14.75	149	231	0.009	ng	# 75
89) Benzo(a)pyrene	15.75	252	944	0.052	ng	# 64

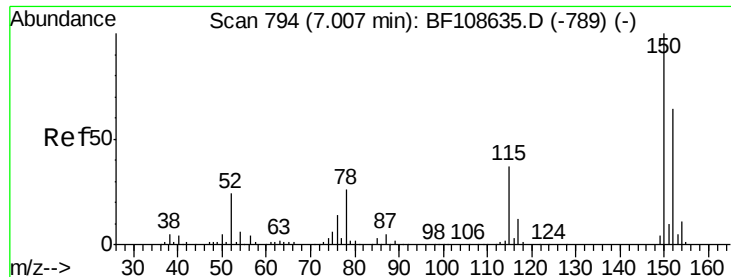
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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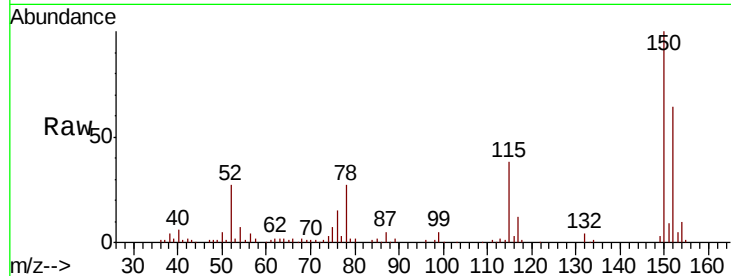


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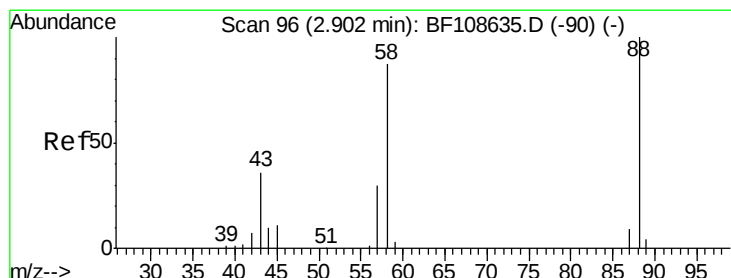
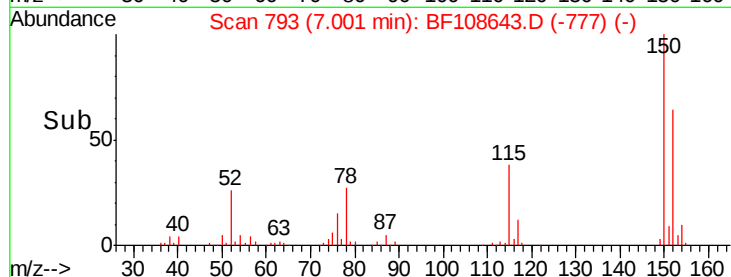
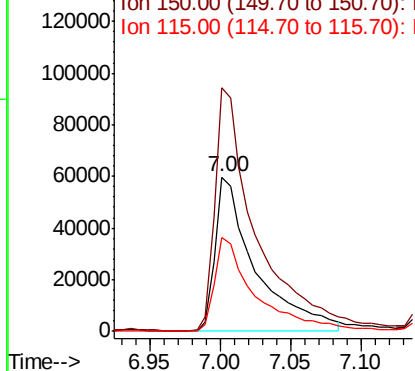
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119315
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 60.6 50.1 75.1



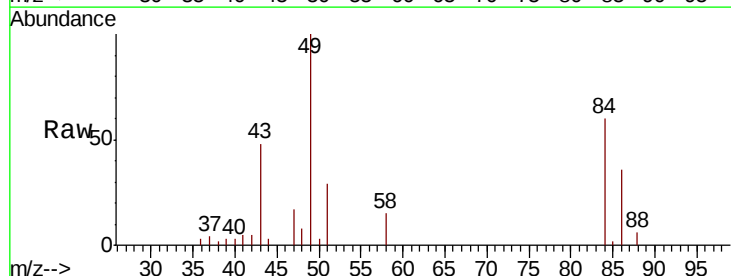
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



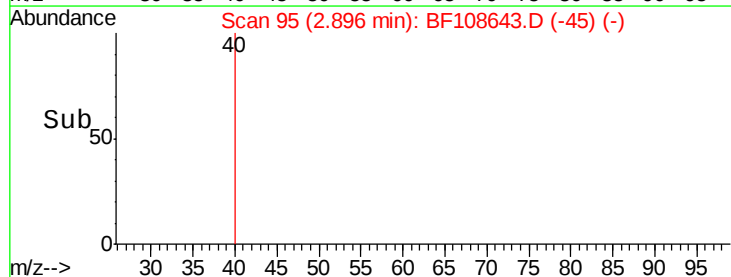
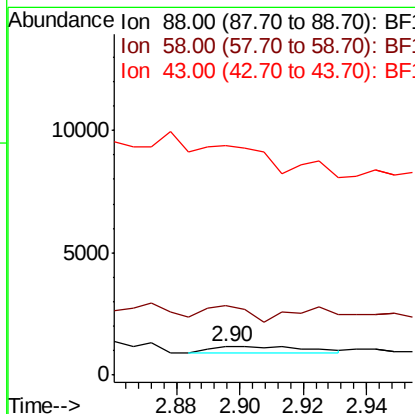
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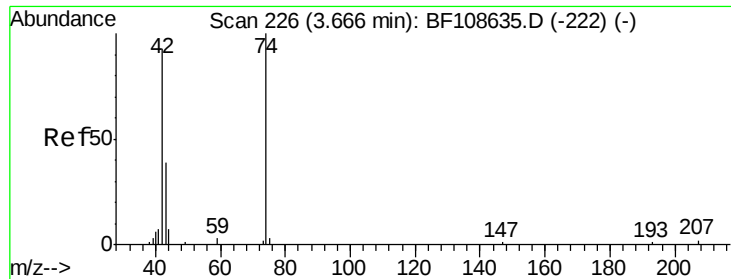
1,4-Dioxane
Concen: 0.147 ng
RT: 2.90 min Scan# 95
Delta R.T. -0.01 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Tgt Ion: 88 Resp: 469
Ion Ratio Lower Upper
88 100
58 139.9 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



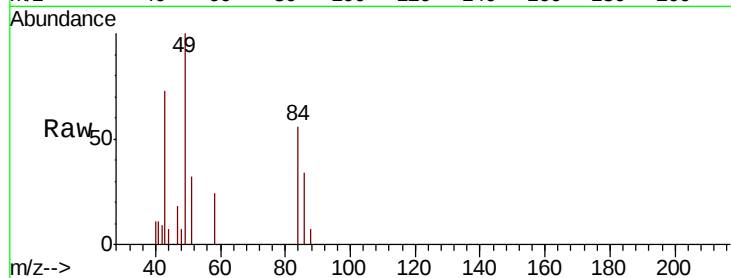


#4

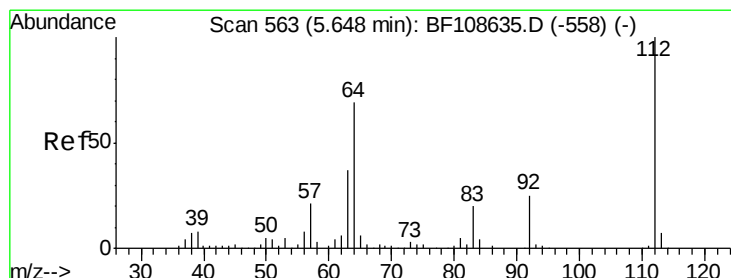
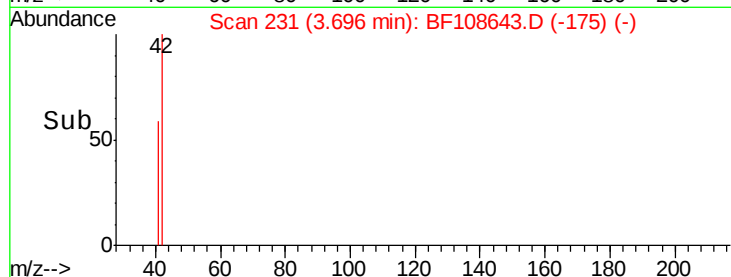
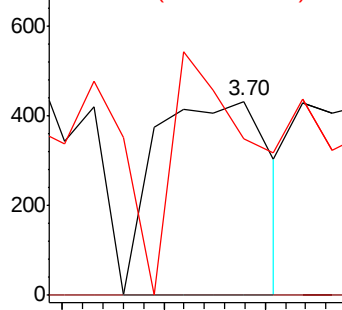
n-Nitrosodimethylamine
 Concen: 0.186 ng
 RT: 3.70 min Scan# 231
 Delta R.T. 0.03 min
 Lab File: BF108643.D
 Acq: 30 Aug 2018 16:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 42 Resp: 683
 Ion Ratio Lower Upper
 42 100
 74 0.0 104.9 157.3#
 44 80.6 6.9 10.3#



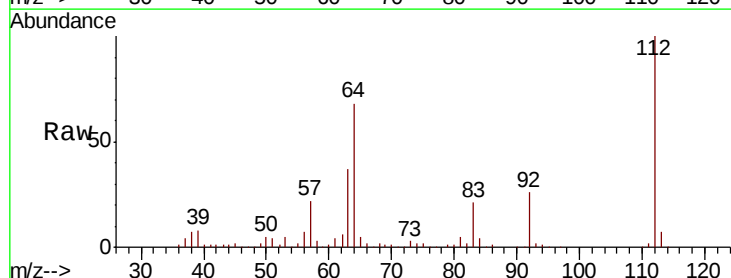
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



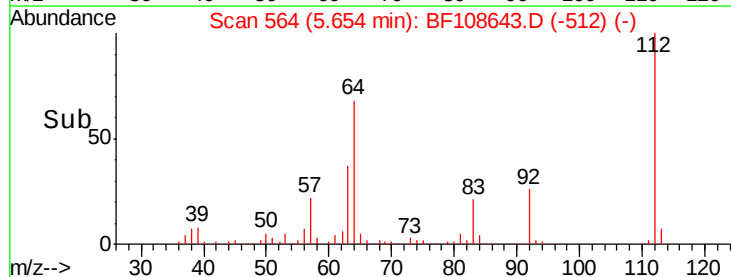
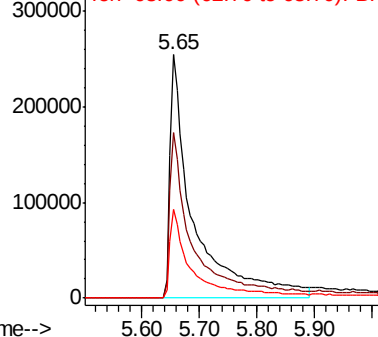
#5

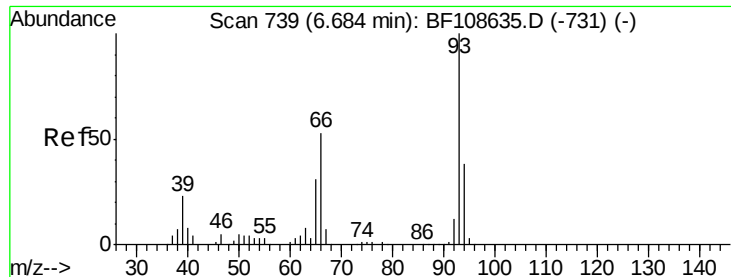
2-Fluorophenol
 Concen: 106.541 ng
 RT: 5.65 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: BF108643.D
 Acq: 30 Aug 2018 16:29

Tgt Ion: 112 Resp: 731746
 Ion Ratio Lower Upper
 112 100
 64 67.8 47.9 71.9
 63 36.6 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





#6

Aniline

Concen: 0.097 ng

RT: 6.78 min Scan# 755

Delta R.T. 0.09 min

Lab File: BF108643.D

Acq: 30 Aug 2018 16:29

Instrument :

BNA_F

ClientSampled :

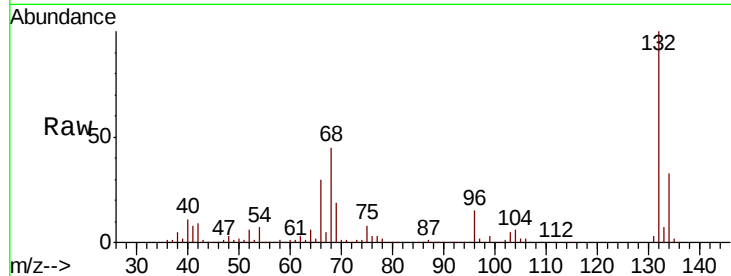
Tot Ion: 93 Resp: 1030

Ion Ratio Lower Upper

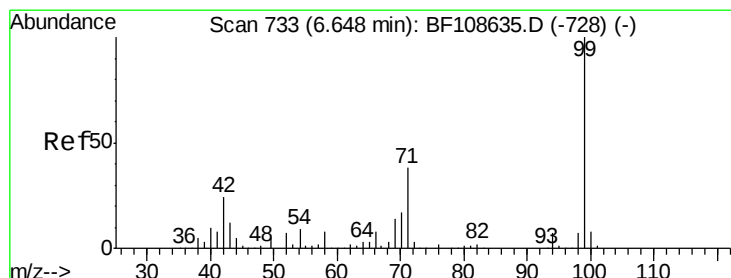
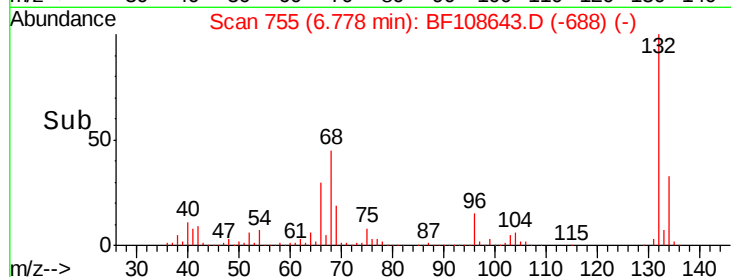
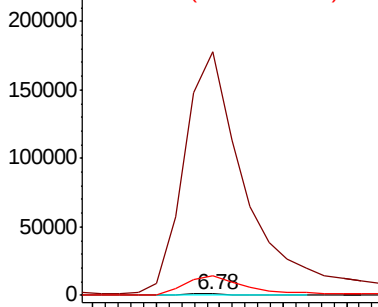
93 100

66 18481.5 32.2 48.2#

65 1496.5 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 113.497 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF108643.D

Acq: 30 Aug 2018 16:29

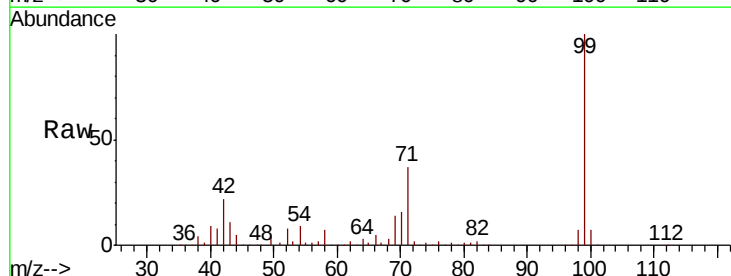
Tgt Ion: 99 Resp: 1116481

Ion Ratio Lower Upper

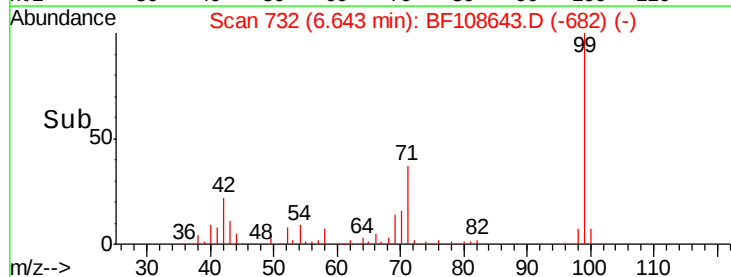
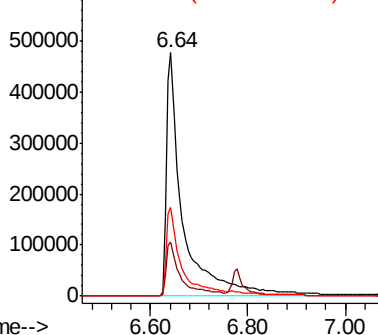
99 100

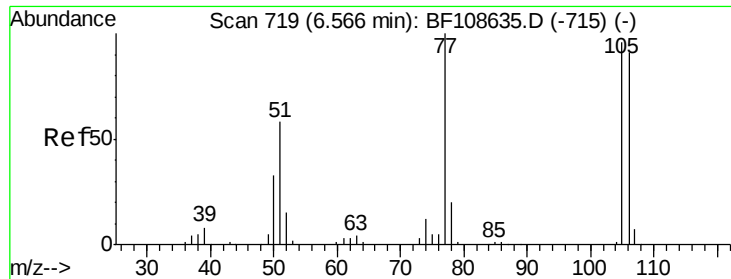
42 22.3 14.5 21.7#

71 36.6 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

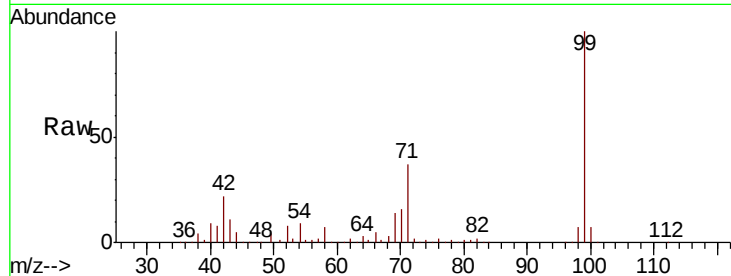




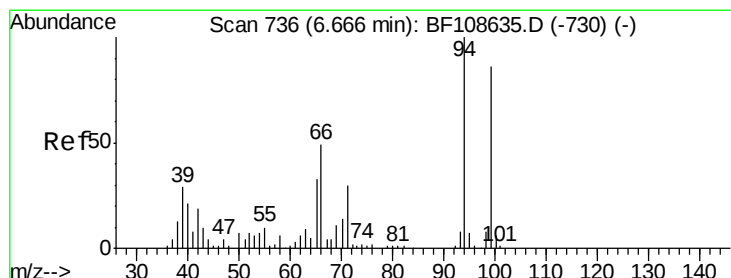
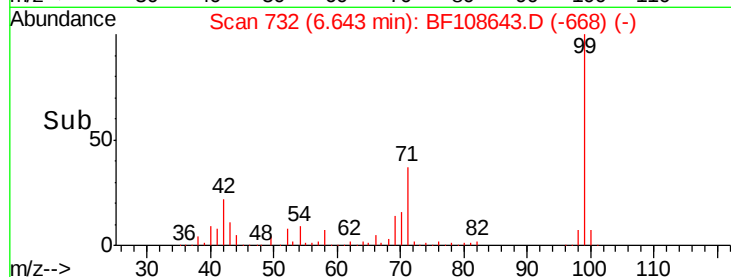
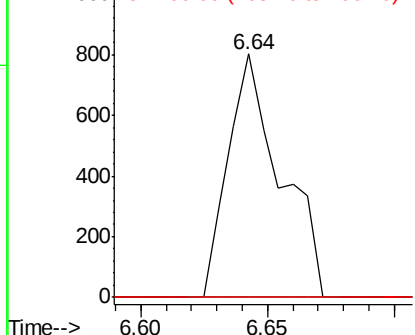
#9
Benzaldehyde
Concen: 0.191 ng
RT: 6.64 min Scan# 732
Delta R.T. 0.08 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 1160
Ion Ratio Lower Upper
77 100
105 0.0 81.1 121.1#
106 0.0 74.5 114.5#

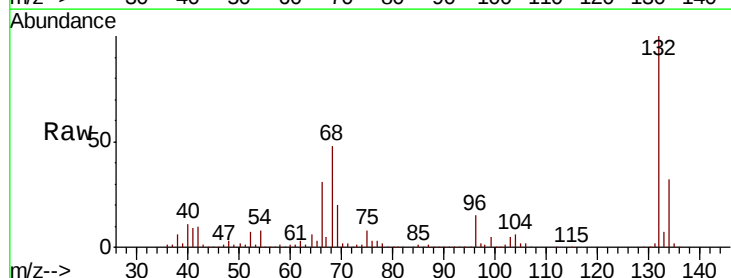


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

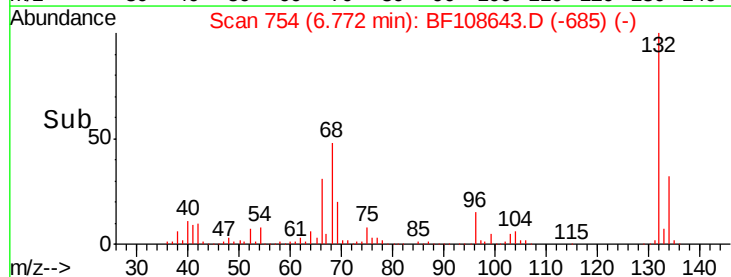
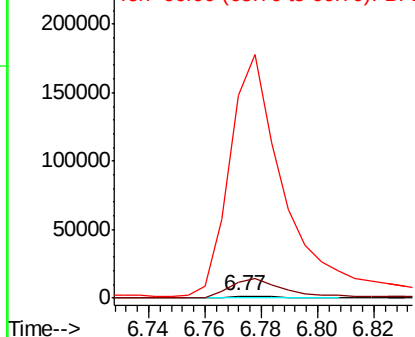


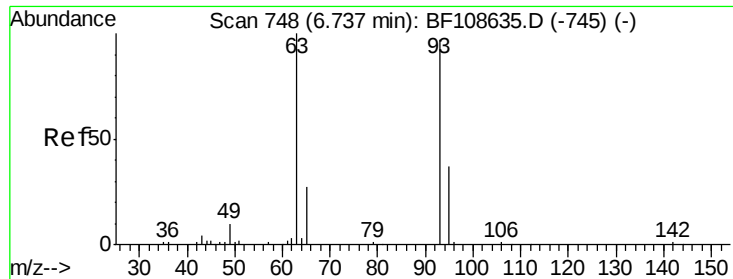
#10
Phenol
Concen: 0.141 ng
RT: 6.77 min Scan# 754
Delta R.T. 0.11 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Tgt Ion: 94 Resp: 1619
Ion Ratio Lower Upper
94 100
65 885.4 7.9 47.9#
66 11002.1 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

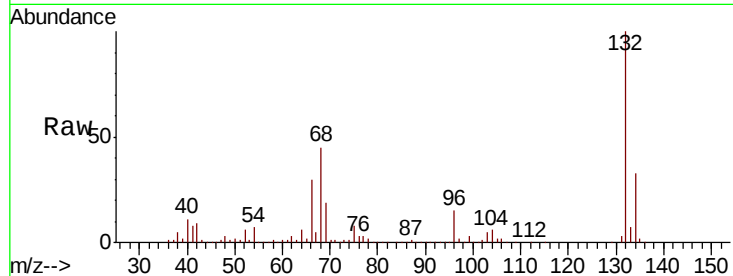




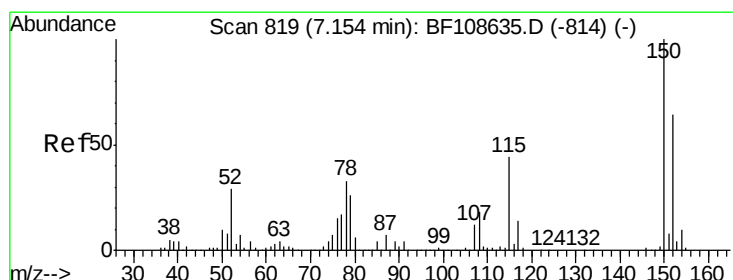
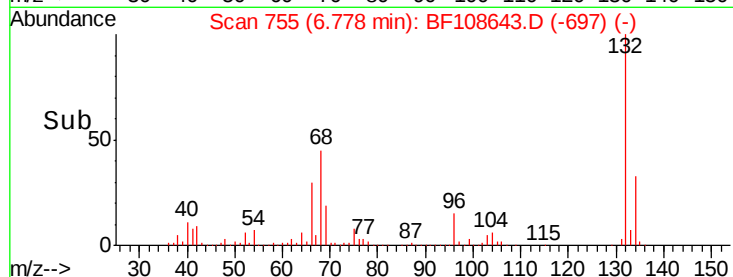
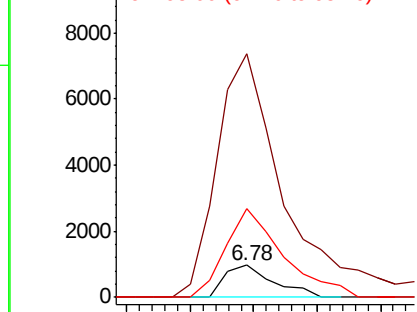
#11
bis(2-Chloroethyl)ether
Concen: 0.102 ng
RT: 6.78 min Scan# 755
Delta R.T. 0.04 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 1030
Ion Ratio Lower Upper
93 100
63 766.0 58.6 98.6#
95 279.1 11.8 51.8#

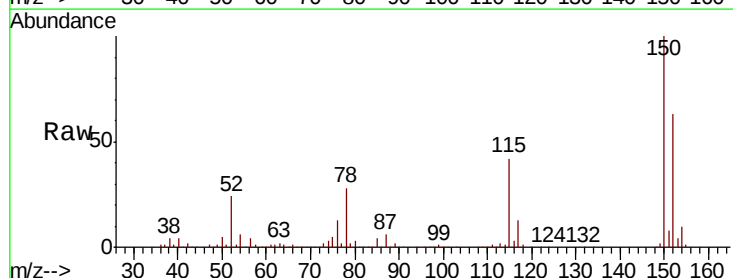


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

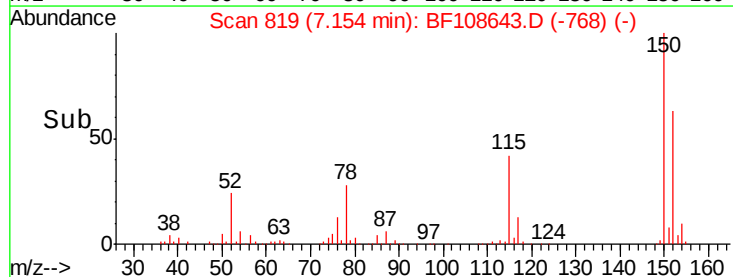
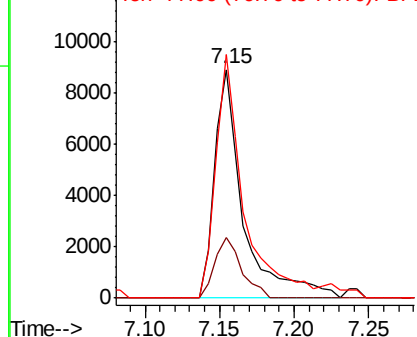


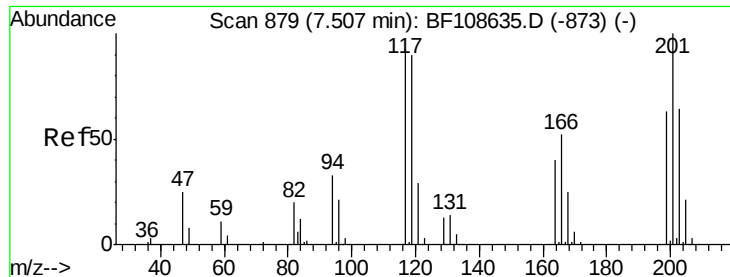
#15
Benzyl Alcohol
Concen: 1.678 ng
RT: 7.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Tgt Ion: 79 Resp: 11872
Ion Ratio Lower Upper
79 100
108 26.5 65.1 97.7#
77 106.6 50.6 75.8#



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

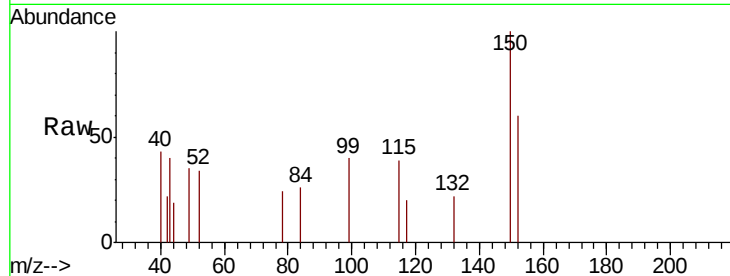




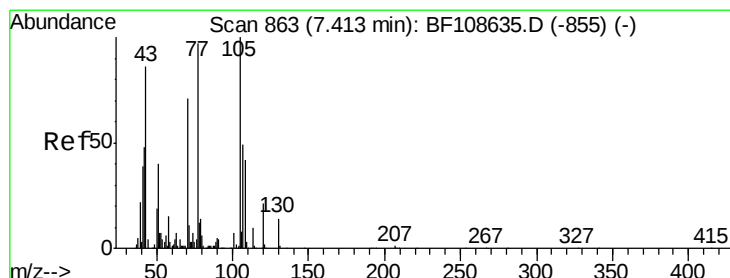
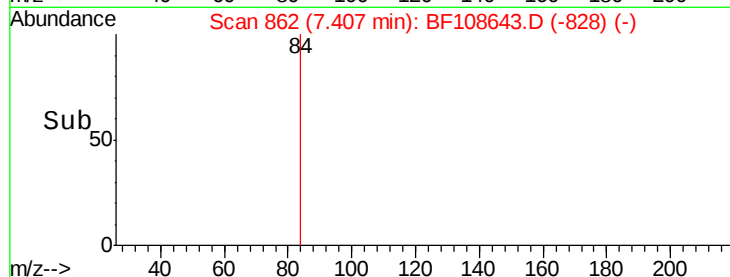
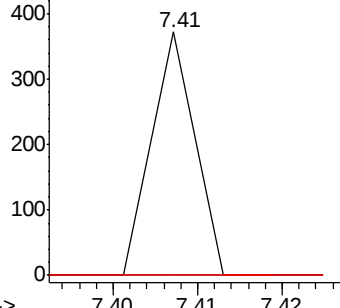
#18
Hexachloroethane
Concen: 0.036 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.10 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 131
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
201 0.0 75.7 113.5#

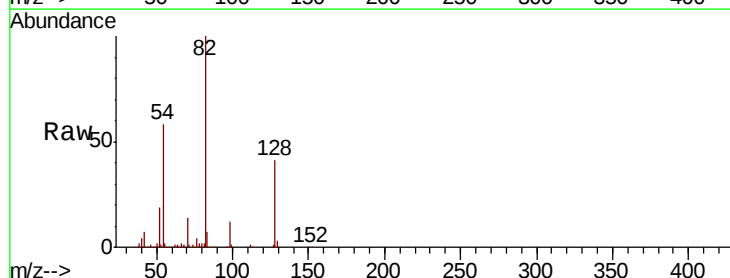


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

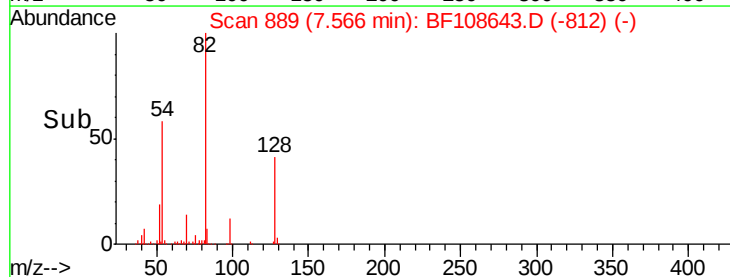
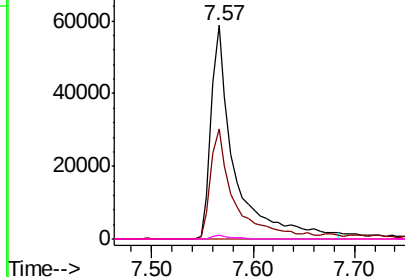


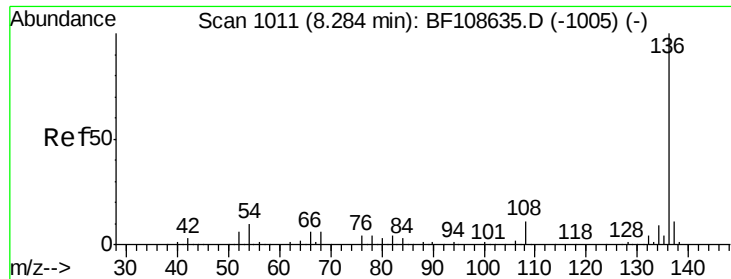
#19
n-Nitroso-di-n-propylamine
Concen: 14.379 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Tgt Ion: 70 Resp: 94723
Ion Ratio Lower Upper
70 100
42 51.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 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): E
Ion 130.00 (129.70 to 130.70): E

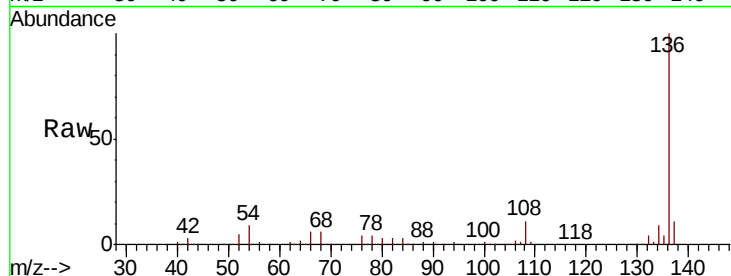




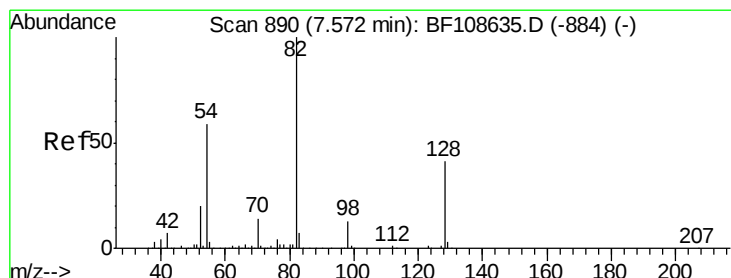
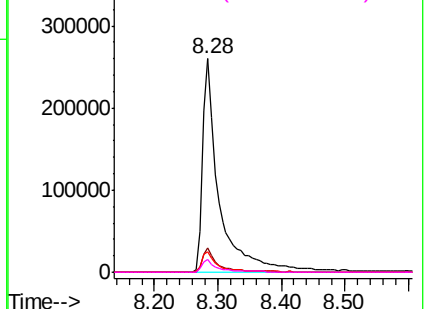
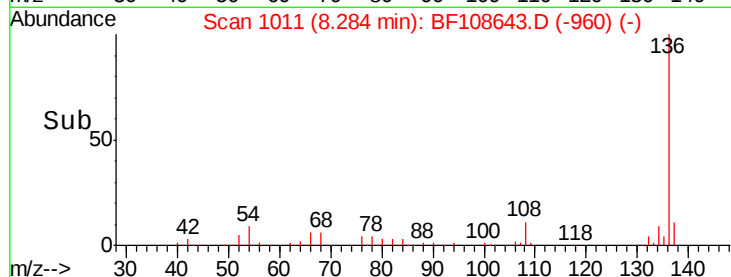
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	475684
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.9 13.3
54	9.4	6.6 9.8
68	5.8	5.0 7.4

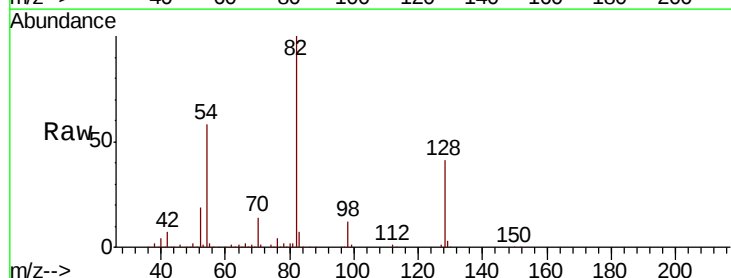


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

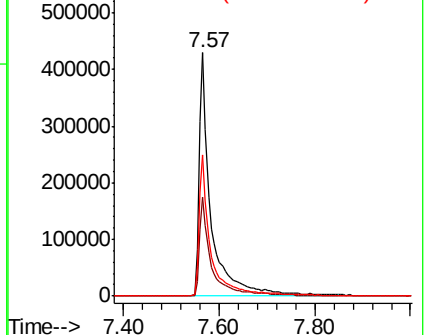
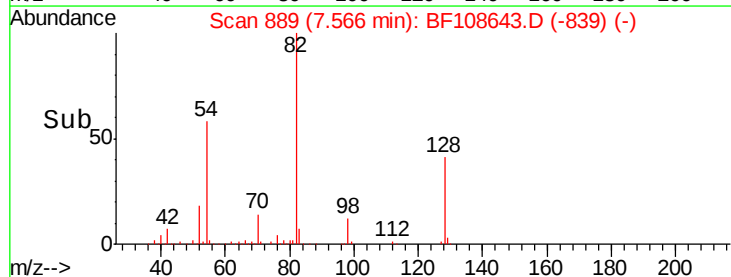


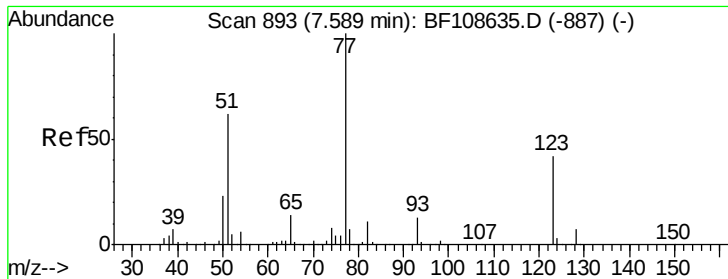
#23
Nitrobenzene-d5
Concen: 80.255 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Tgt Ion: 82	Resp:	752109
Ion	Ratio	Lower Upper
82	100	
128	40.9	36.1 54.1
54	58.0	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

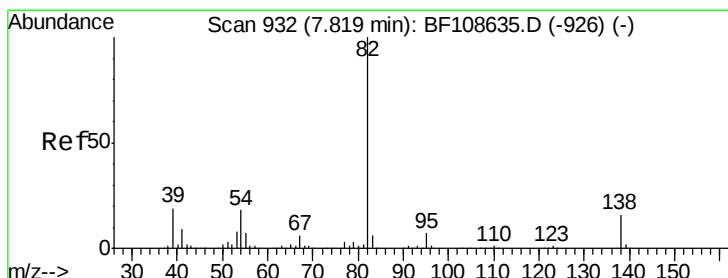
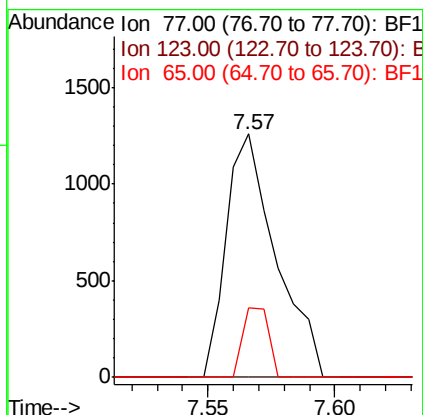
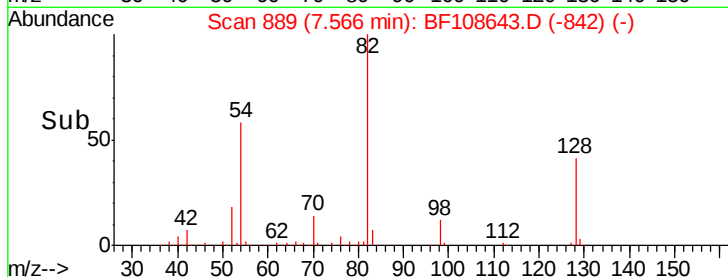
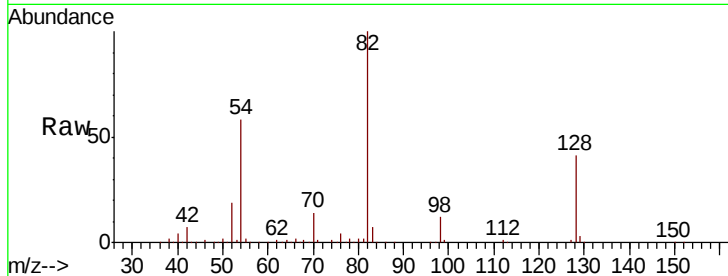




#24
 Nitrobenzene
 Concen: 0.181 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BF108643.D
 Acq: 30 Aug 2018 16:29

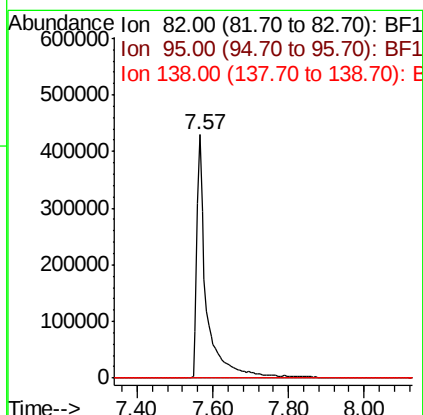
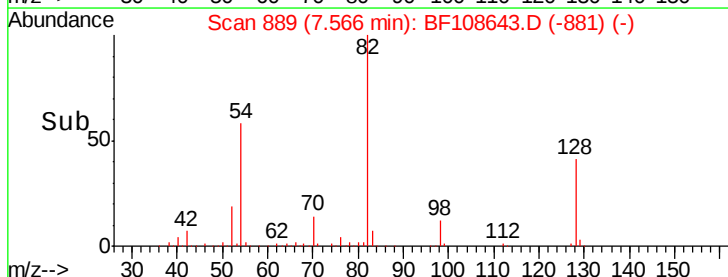
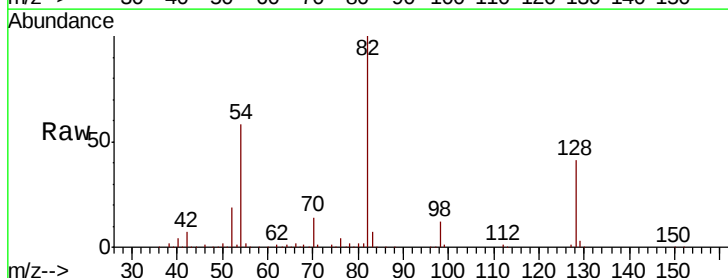
Instrument :
 BNA_F
 ClientSampled :

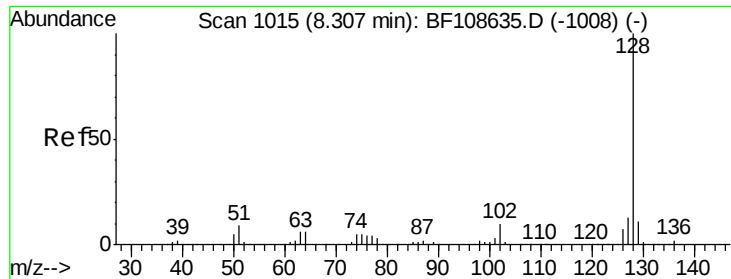
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	28.5	11.0	16.4#



#25
 Isophorone
 Concen: 48.819 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.25 min
 Lab File: BF108643.D
 Acq: 30 Aug 2018 16:29

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

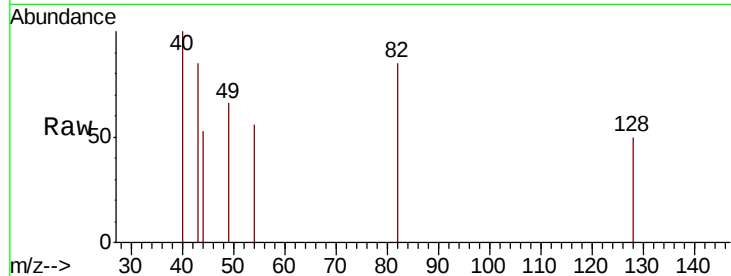




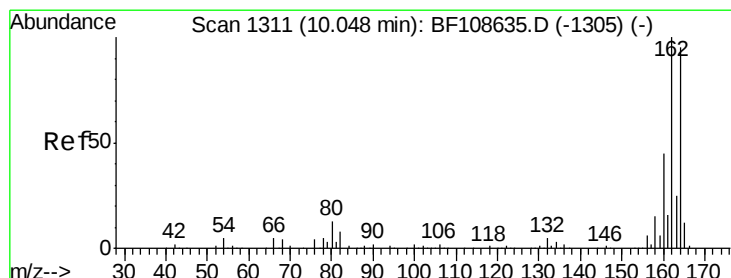
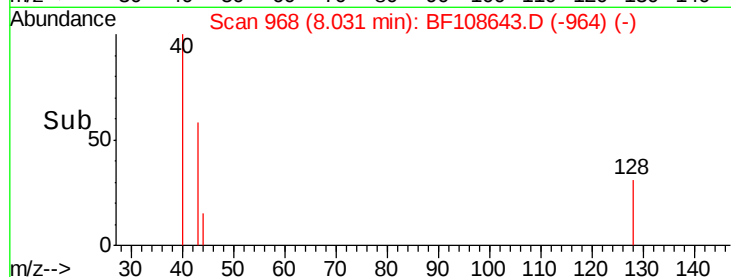
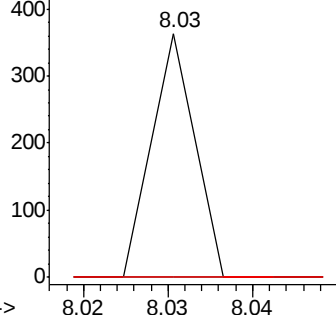
#31
Naphthalene
Concen: 0.006 ng
RT: 8.03 min Scan# 968
Delta R.T. -0.28 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 128
Ion Ratio Lower Upper
128 100
129 0.0 8.8 13.2#
127 0.0 10.9 16.3#

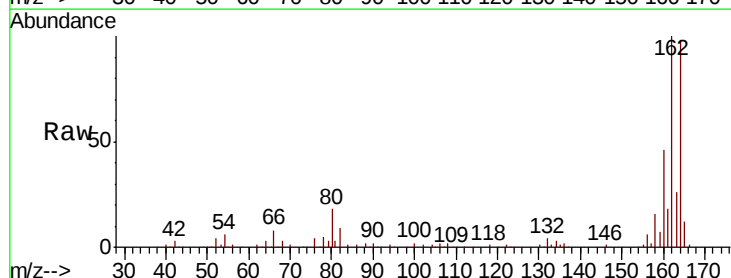


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

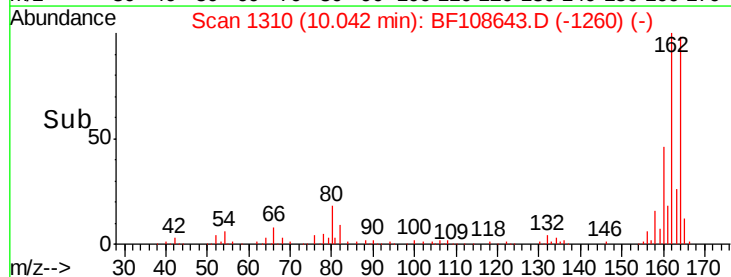
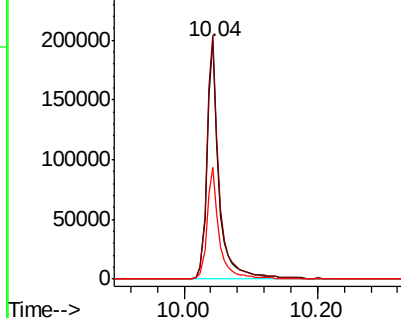


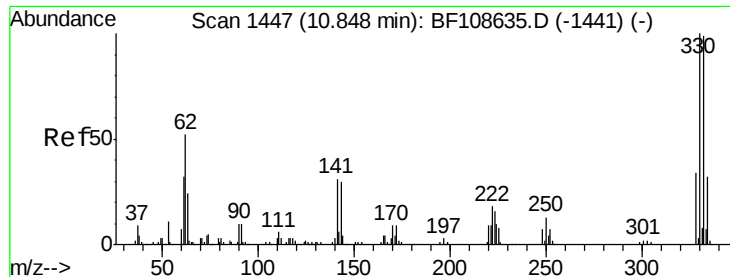
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Tgt Ion:164 Resp: 250064
Ion Ratio Lower Upper
164 100
162 102.3 86.1 129.1
160 47.0 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

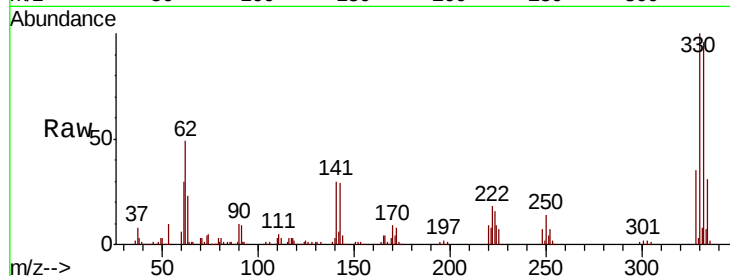




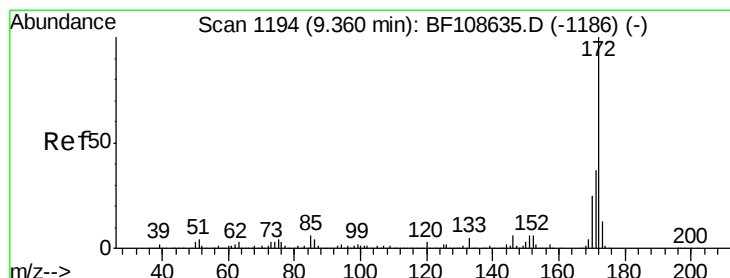
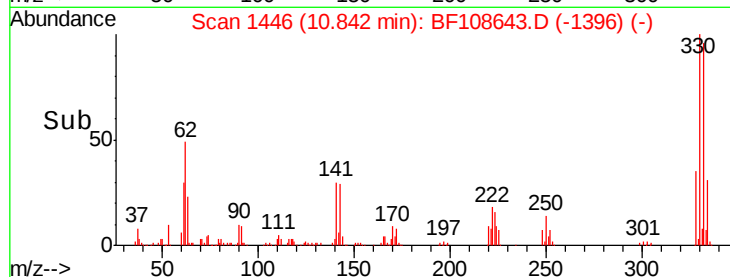
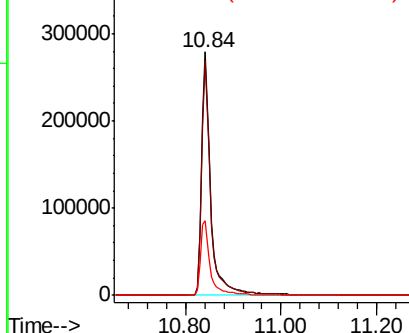
#41
 2,4,6-Tribromophenol
 Concen: 111.437 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108643.D
 Acq: 30 Aug 2018 16:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 367872
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 31.8 29.9 44.9

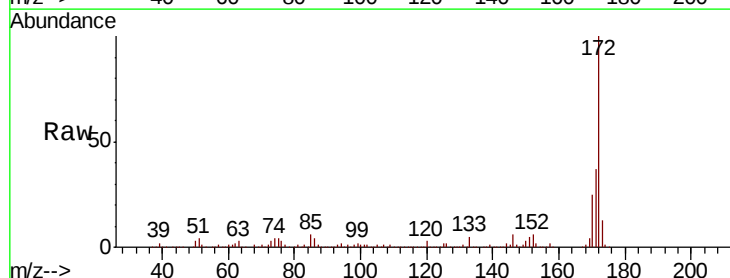


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

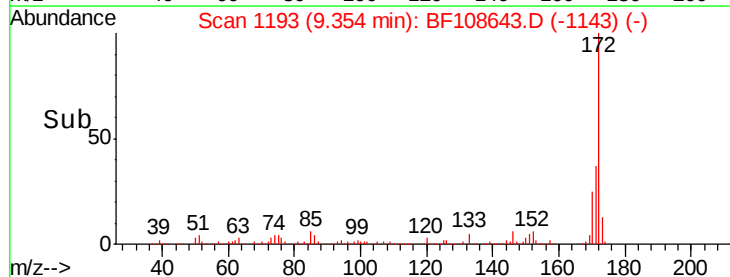
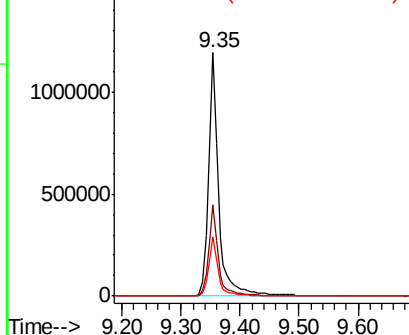


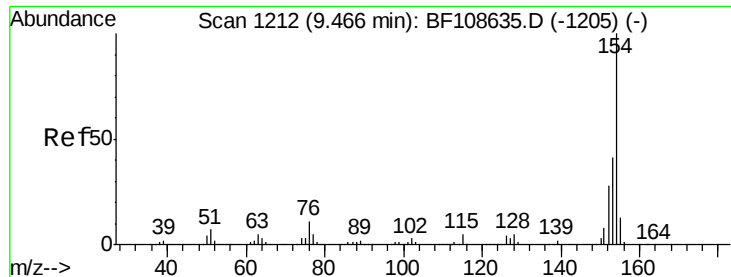
#44
 2-Fluorobiphenyl
 Concen: 78.761 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108643.D
 Acq: 30 Aug 2018 16:29

Tgt Ion:172 Resp: 1464787
 Ion Ratio Lower Upper
 172 100
 171 37.2 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





#45

1,1'-Biphenyl

Concen: 0.084 ng

RT: 9.47 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF108643.D

Acq: 30 Aug 2018 16:29

Instrument :

BNA_F

ClientSampled :

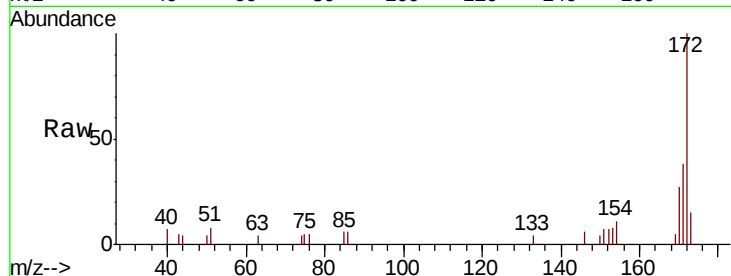
Tot Ion:154 Resp: 1822

Ion Ratio Lower Upper

154 100

153 73.2 21.3 61.3#

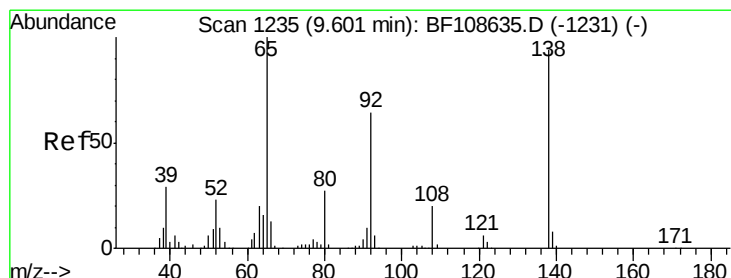
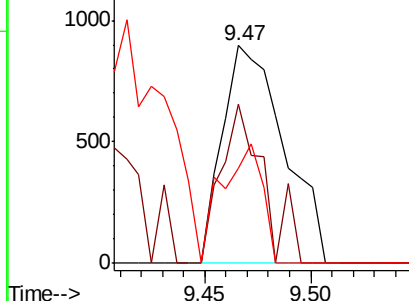
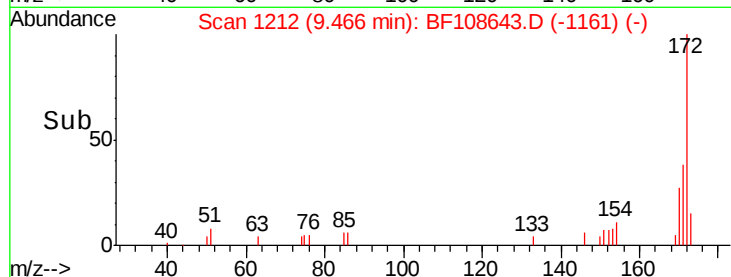
76 43.9 0.0 34.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47

2-Nitroaniline

Concen: 0.394 ng

RT: 9.35 min Scan# 1193

Delta R.T. -0.25 min

Lab File: BF108643.D

Acq: 30 Aug 2018 16:29

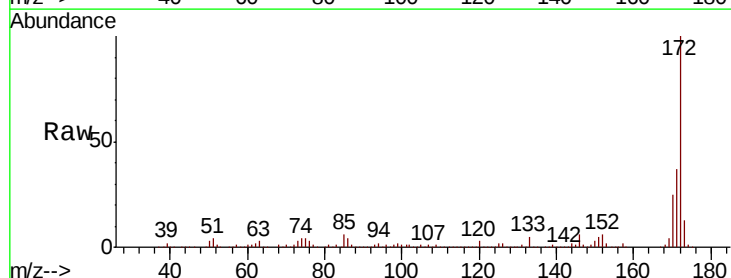
Tgt Ion: 65 Resp: 2245

Ion Ratio Lower Upper

65 100

92 193.4 55.8 83.6#

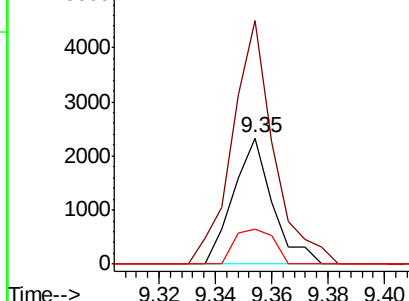
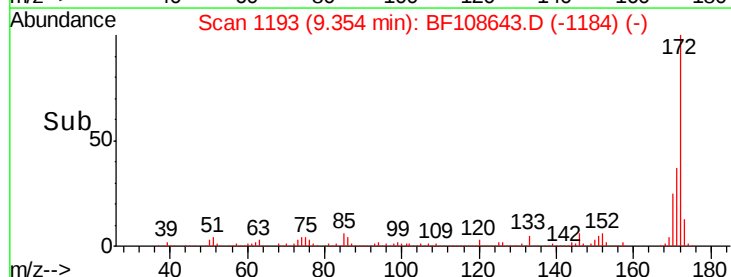
138 27.6 91.2 136.8#

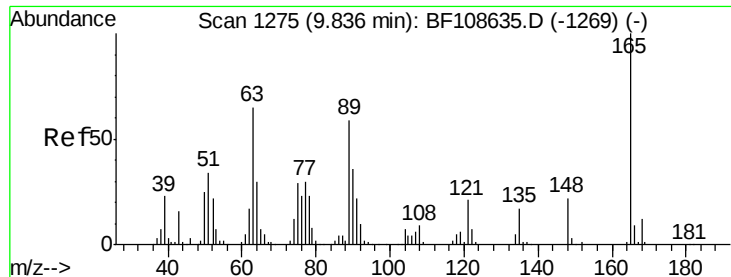


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

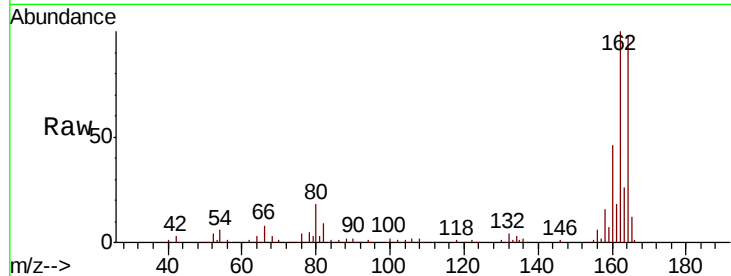




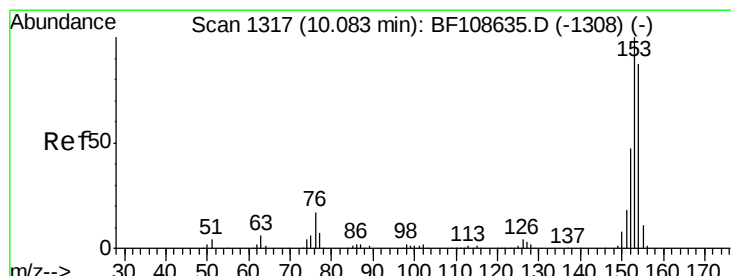
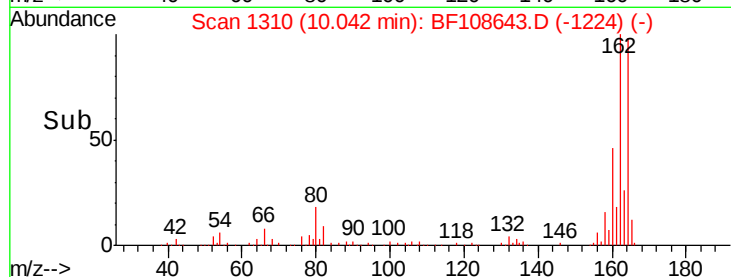
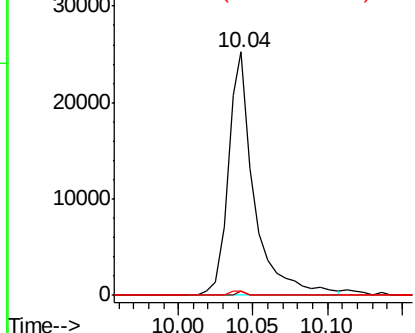
#50
2,6-Dinitrotoluene
Concen: 7.099 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.5	44.0	66.0#

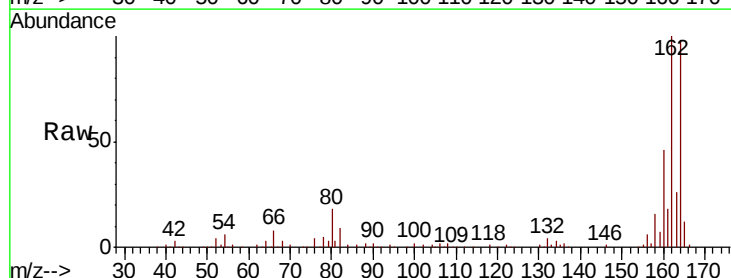


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

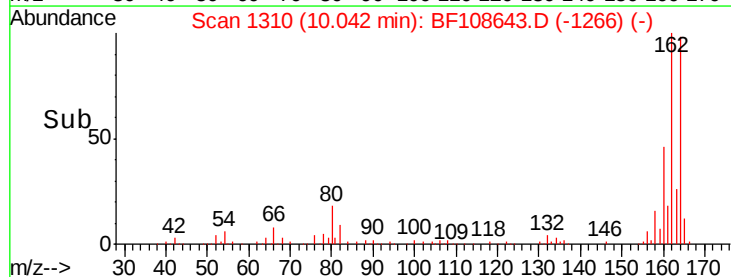
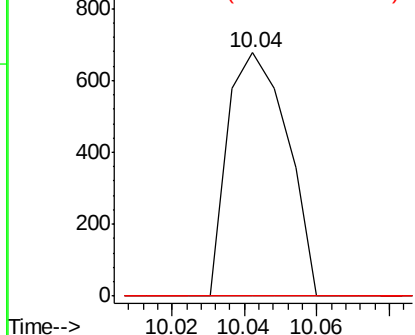


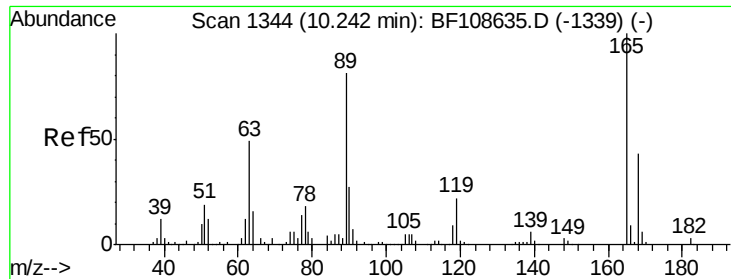
#51
Acenaphthene
Concen: 0.052 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.04 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.2	136.8#
152	0.0	43.8	65.8#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

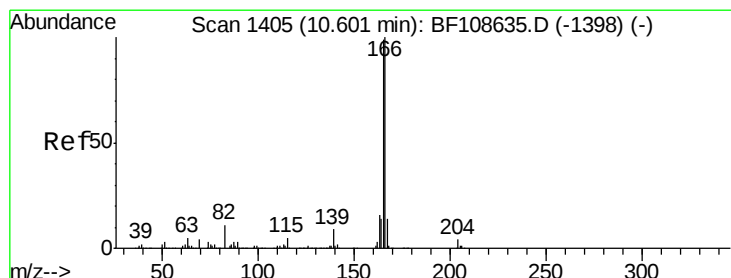
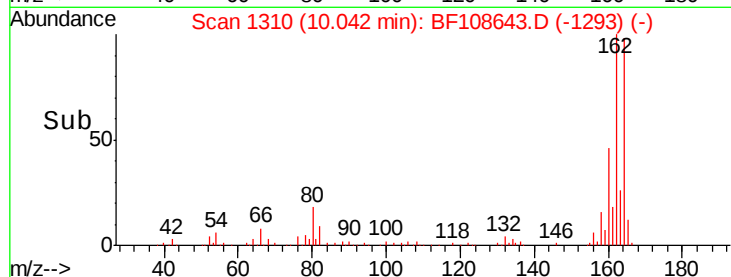
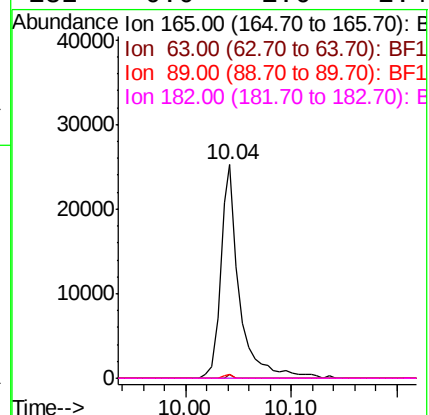
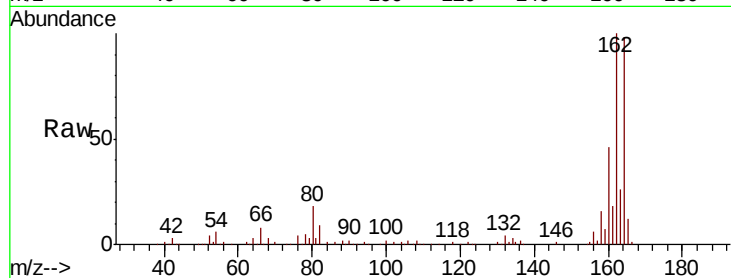




#56
2,4-Dinitrotoluene
Concen: 5.456 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.20 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

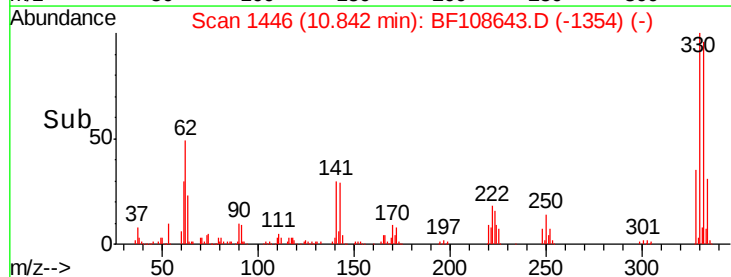
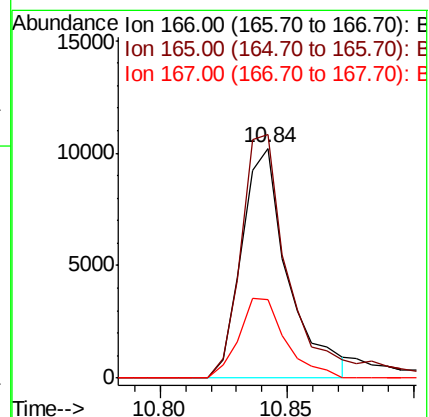
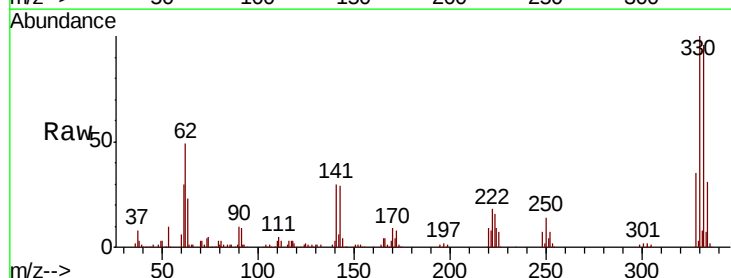
Instrument :
BNA_F
ClientSampleId :

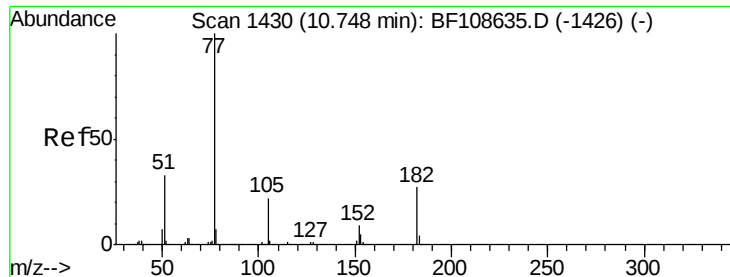
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 0.719 ng
RT: 10.84 min Scan# 1446
Delta R.T. 0.24 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.9	79.8	119.8
167	34.0	10.6	16.0#





#62

Azobenzene

Concen: 0.077 ng

RT: 10.84 min Scan# 1445

Delta R.T. 0.09 min

Lab File: BF108643.D

Acq: 30 Aug 2018 16:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1519

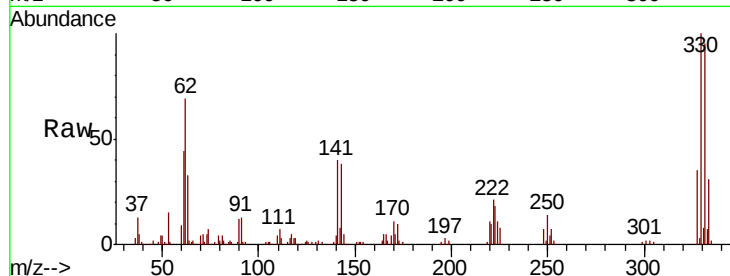
Ion Ratio Lower Upper

77 100

182 0.0 1.7 41.7#

105 82.4 3.0 43.0#

51 92.7 9.9 49.9#

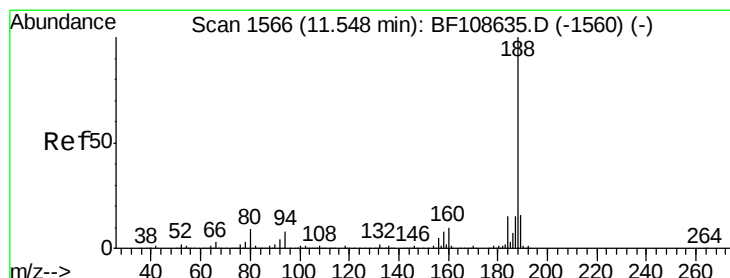
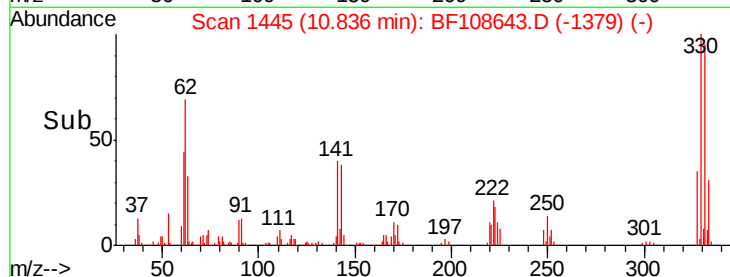
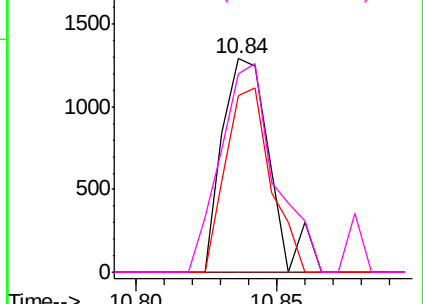


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF108643.D

Acq: 30 Aug 2018 16:29

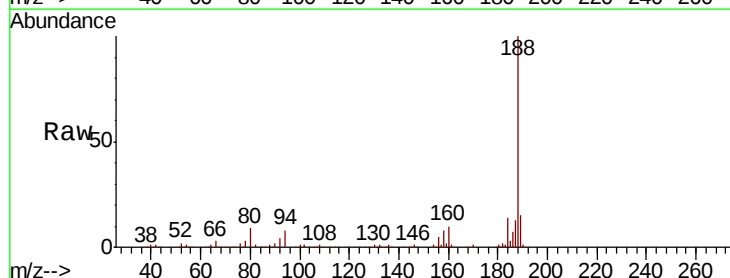
Tgt Ion: 188 Resp: 539232

Ion Ratio Lower Upper

188 100

94 7.9 8.5 12.7#

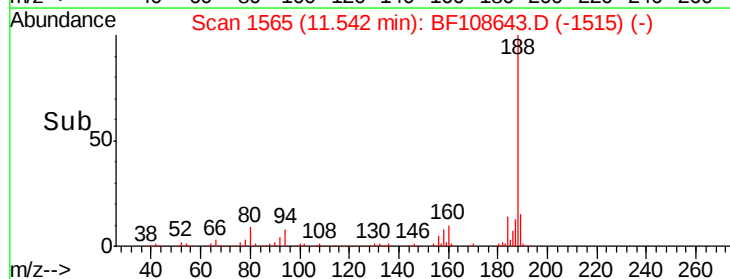
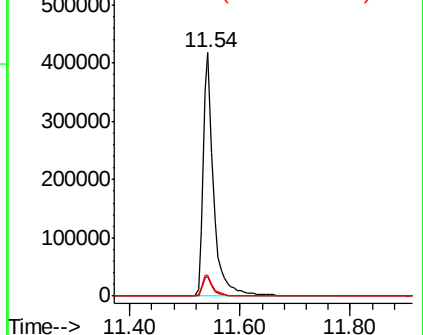
80 8.5 9.2 13.8#

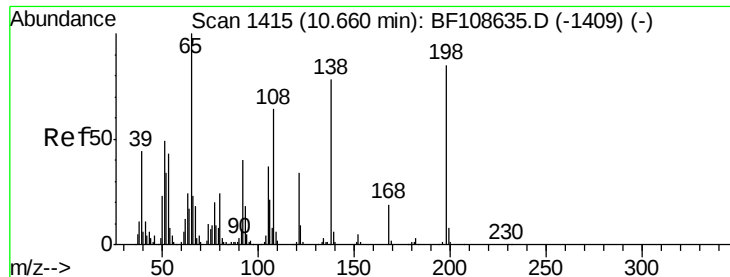


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 0.260 ng

RT: 10.84 min Scan# 1446

Delta R.T. 0.18 min

Lab File: BF108643.D

Acq: 30 Aug 2018 16:29

Instrument :

BNA_F

ClientSampleId :

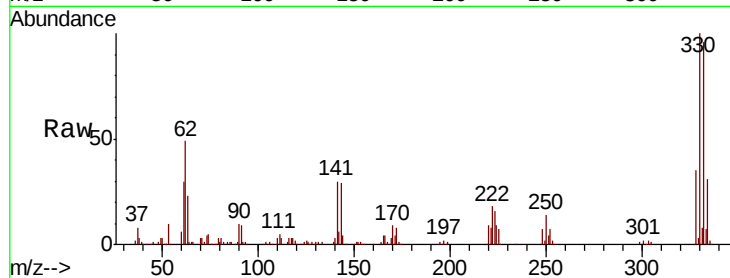
Tot Ion:198 Resp: 621

Ion Ratio Lower Upper

198 100

51 141.9 37.7 77.7#

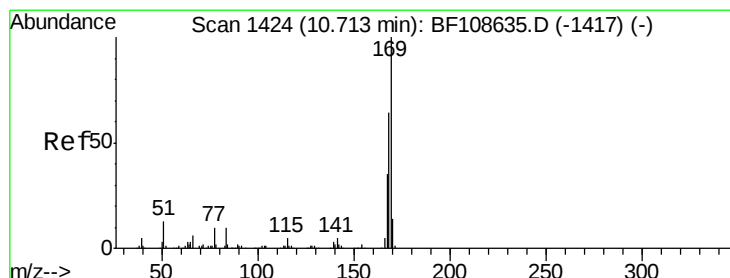
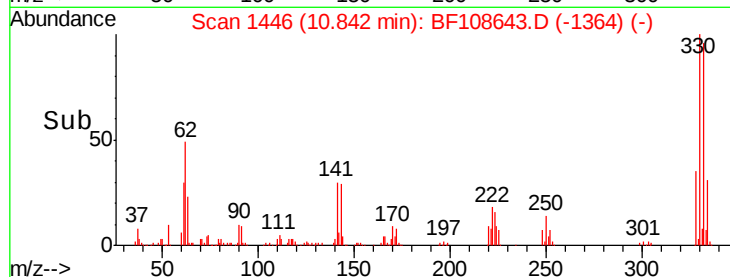
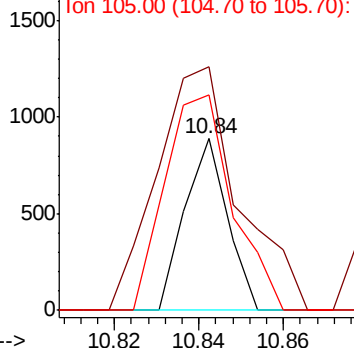
105 125.3 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.623 ng

RT: 10.84 min Scan# 1446

Delta R.T. 0.13 min

Lab File: BF108643.D

Acq: 30 Aug 2018 16:29

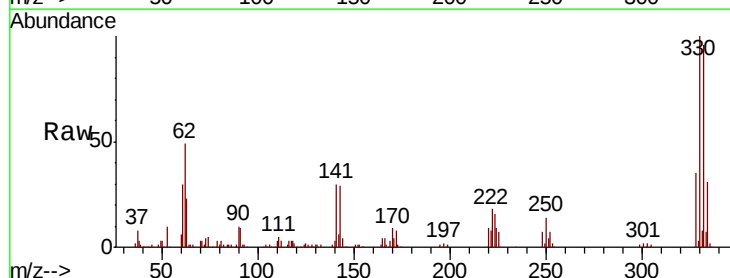
Tgt Ion:169 Resp: 11169

Ion Ratio Lower Upper

169 100

168 7.8 54.4 81.6#

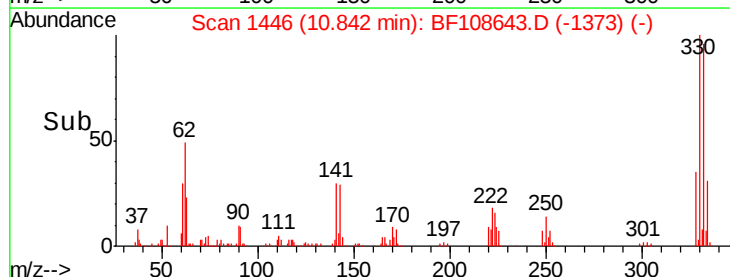
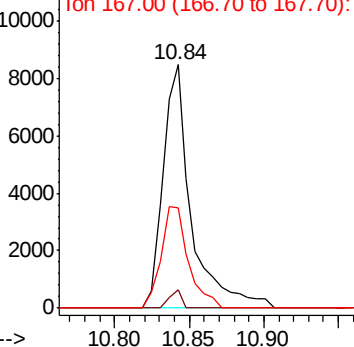
167 41.0 29.8 44.6

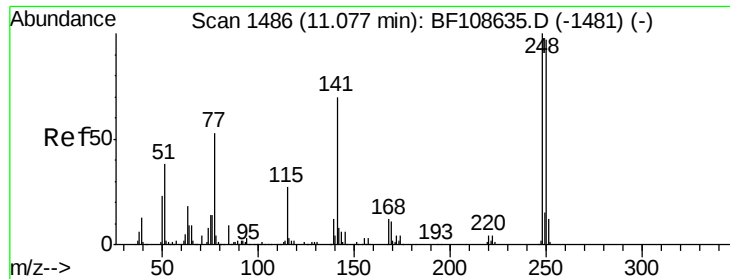


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

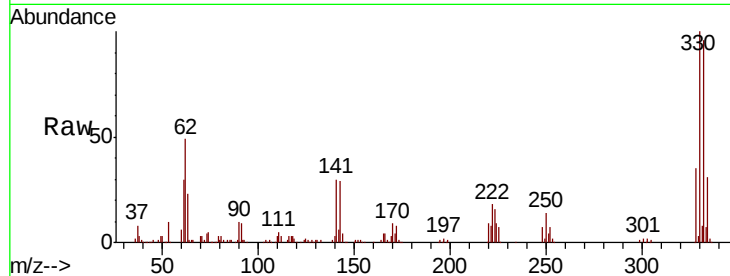




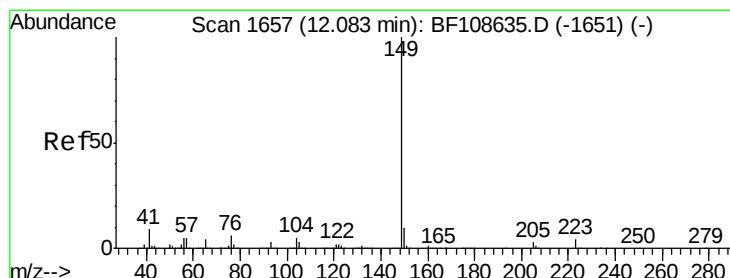
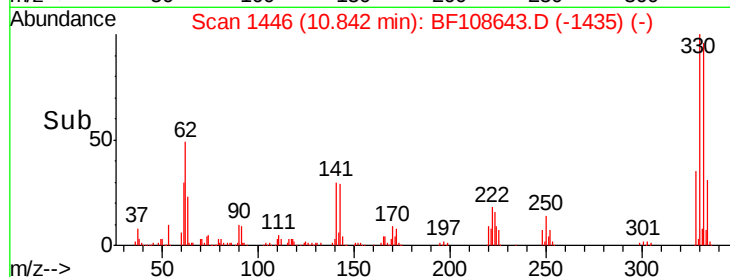
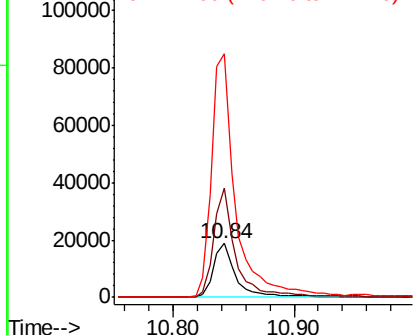
#66
 4-Bromophenyl-phenylether
 Concen: 3.600 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.24 min
 Lab File: BF108643.D
 Acq: 30 Aug 2018 16:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 23856
 Ion Ratio Lower Upper
 248 100
 250 201.9 76.9 115.3#
 141 451.0 74.4 111.6#

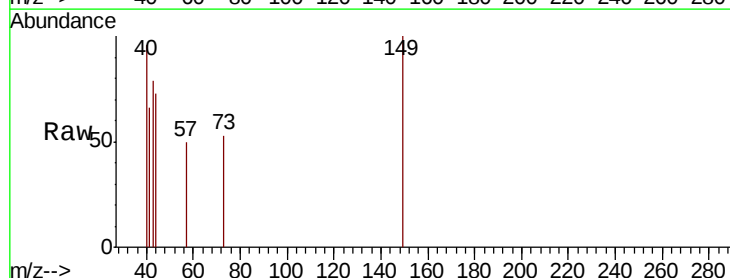


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

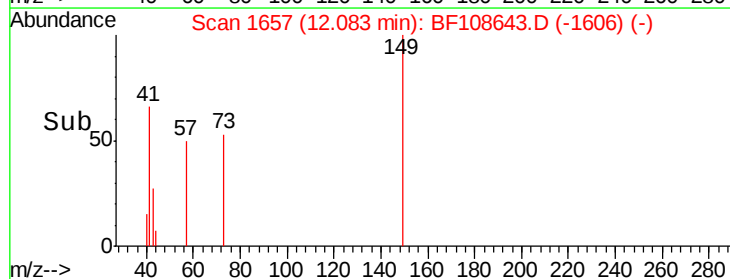
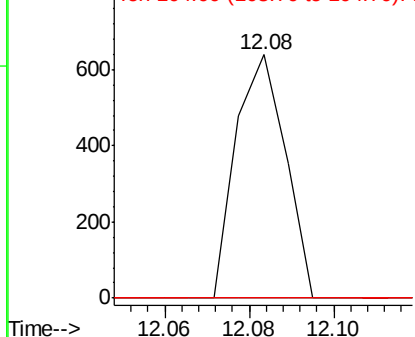


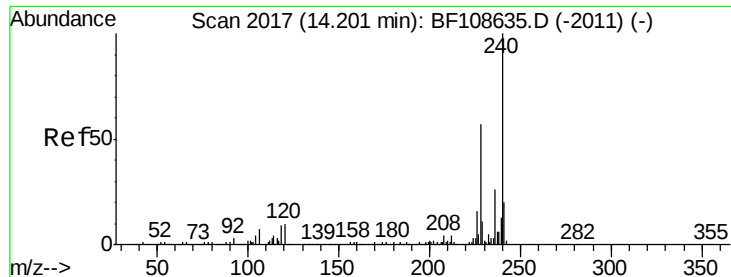
#73
 Di-n-butylphthalate
 Concen: 0.016 ng
 RT: 12.08 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: BF108643.D
 Acq: 30 Aug 2018 16:29

Tgt Ion:149 Resp: 519
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.8 11.6#
 104 0.0 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108643.D

Acq: 30 Aug 2018 16:29

Instrument :

BNA_F

ClientSampled :

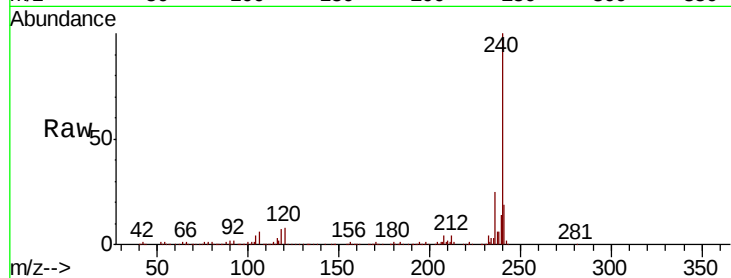
Tot Ion:240 Resp: 450105

Ion Ratio Lower Upper

240 100

120 8.4 9.5 14.3#

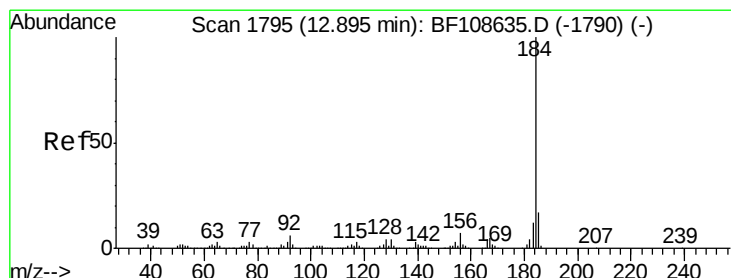
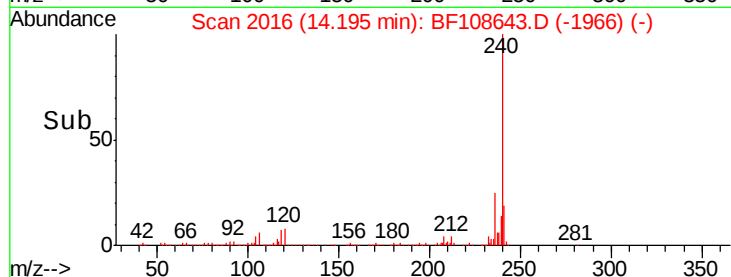
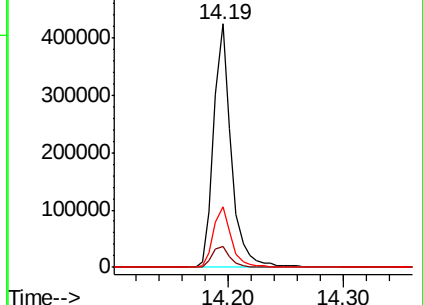
236 25.0 20.7 31.1



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



#76

Benzidine

Concen: 1.786 ng

RT: 13.12 min Scan# 1834

Delta R.T. 0.23 min

Lab File: BF108643.D

Acq: 30 Aug 2018 16:29

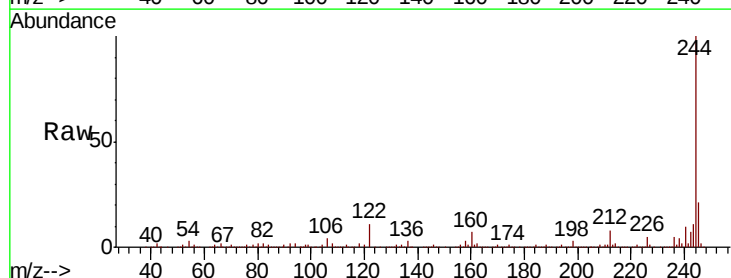
Tgt Ion:184 Resp: 22628

Ion Ratio Lower Upper

184 100

185 18.6 12.6 18.8

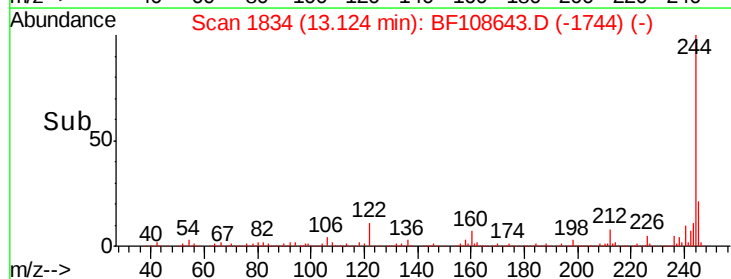
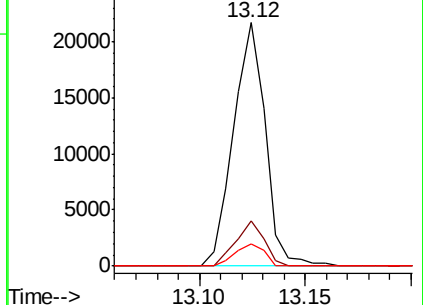
183 9.2 9.3 13.9#

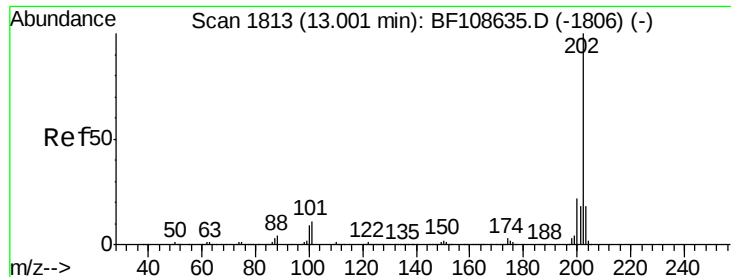


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.161 ng

RT: 13.12 min Scan# 1834

Delta R.T. 0.12 min

Lab File: BF108643.D

Acq: 30 Aug 2018 16:29

Instrument :

BNA_F

ClientSampleId :

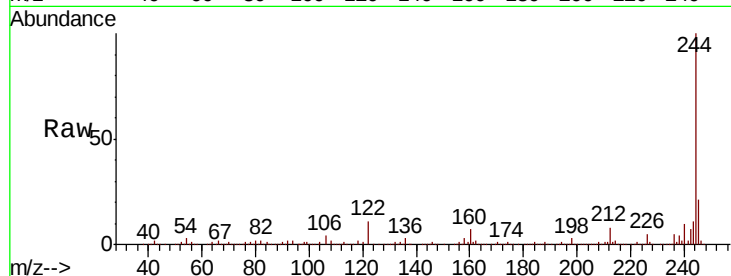
Tot Ion:202 Resp: 5459

Ion Ratio Lower Upper

202 100

200 51.1 17.4 26.2#

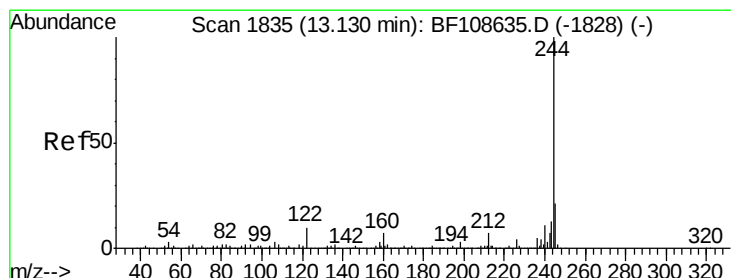
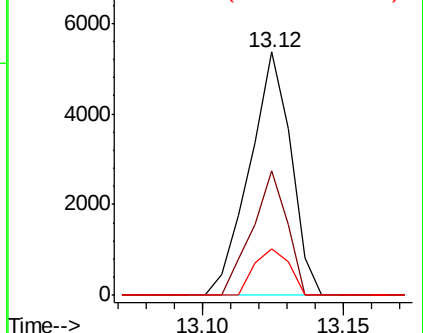
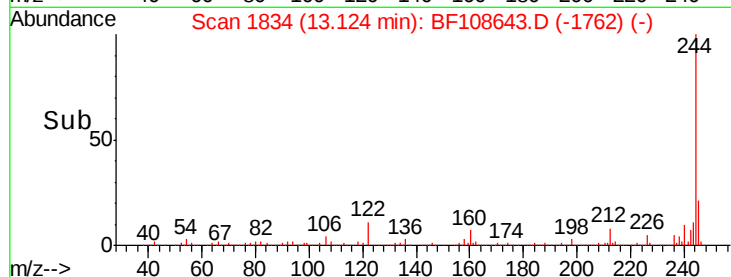
203 19.1 14.3 21.5



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: 73.810 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108643.D

Acq: 30 Aug 2018 16:29

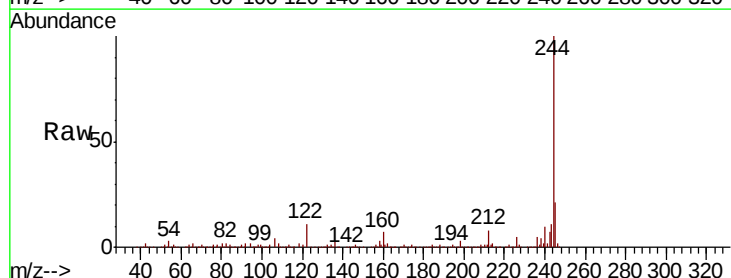
Tgt Ion:244 Resp: 1709881

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

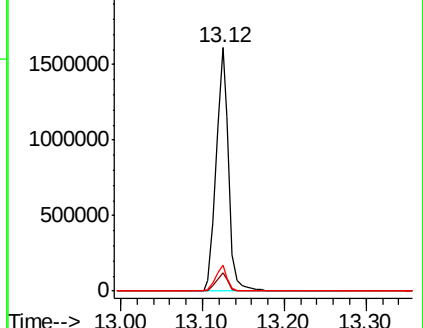
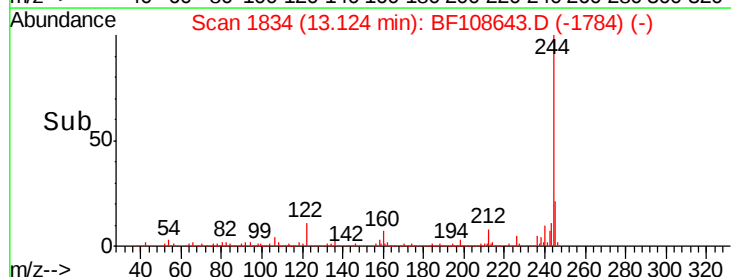
122 10.8 11.0 16.4#

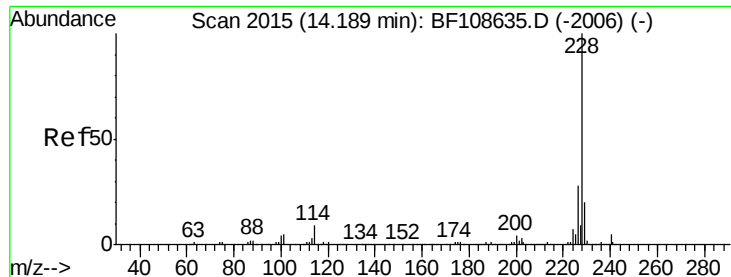


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.041 ng

RT: 14.19 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF108643.D

Acq: 30 Aug 2018 16:29

Instrument :

BNA_F

ClientSampled :

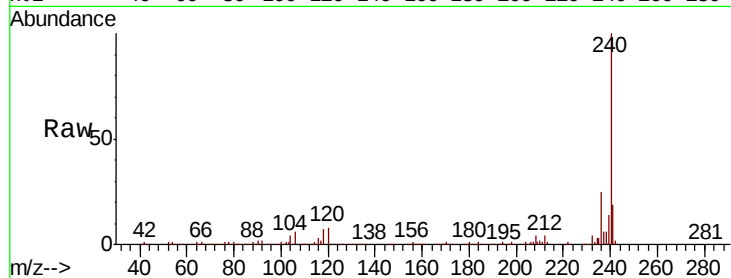
Tot Ion:228 Resp: 1126

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

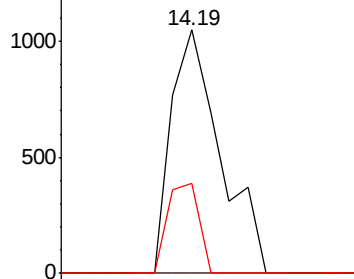
229 37.1 15.8 23.6#



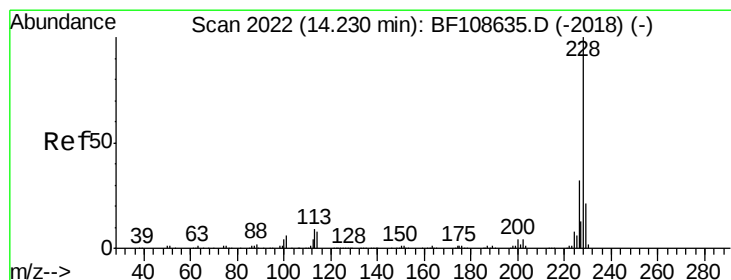
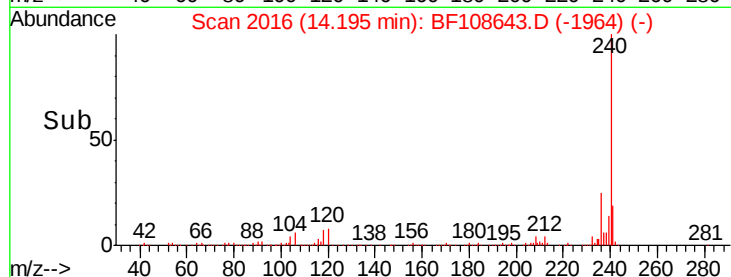
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

Chrysene

Concen: 0.043 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.04 min

Lab File: BF108643.D

Acq: 30 Aug 2018 16:29

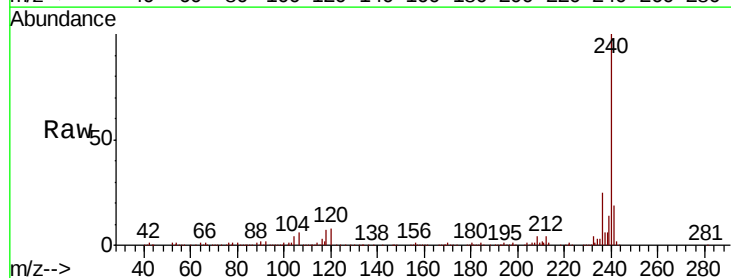
Tgt Ion:228 Resp: 1126

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

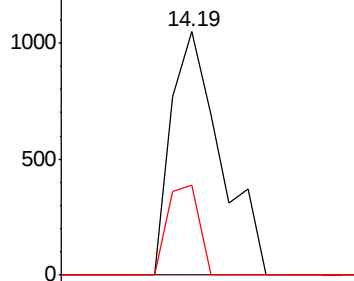
229 37.1 16.2 24.4#



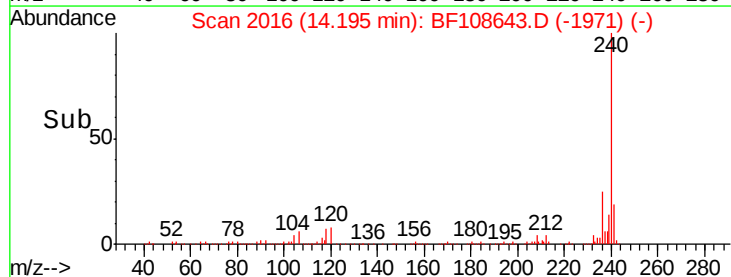
Abundance Ion 228.00 (227.70 to 228.70): E

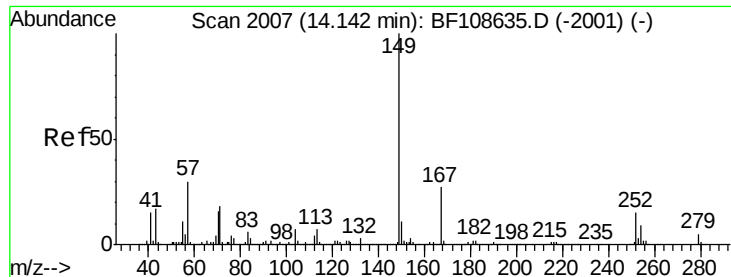
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->

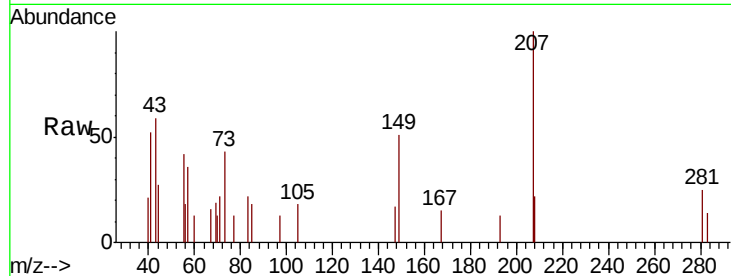




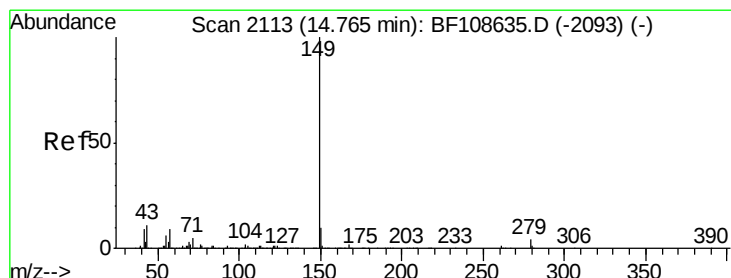
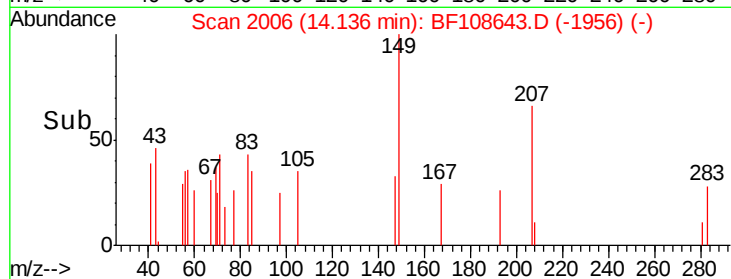
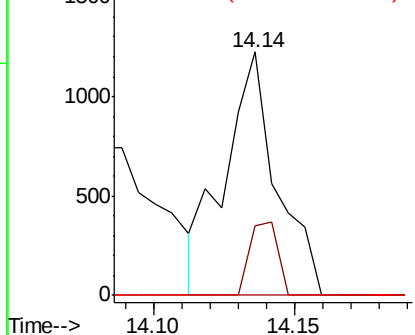
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.086 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF108643.D
 Acq: 30 Aug 2018 16:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.3	31.9
279	0.0	3.0	4.4#

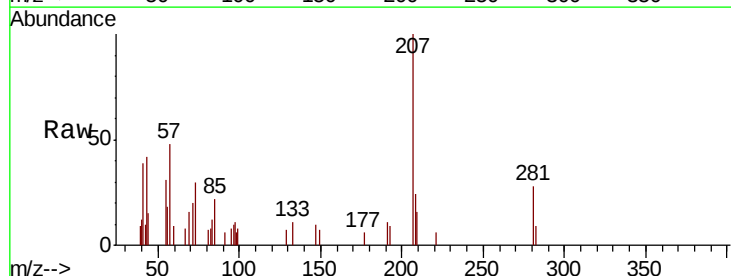


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

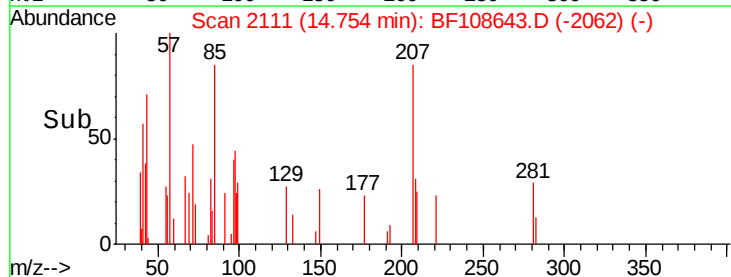
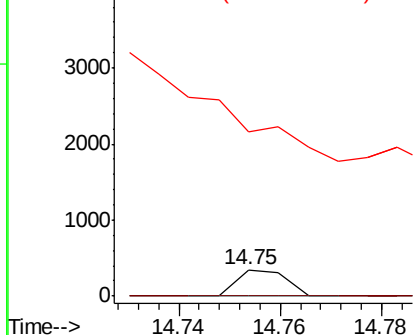


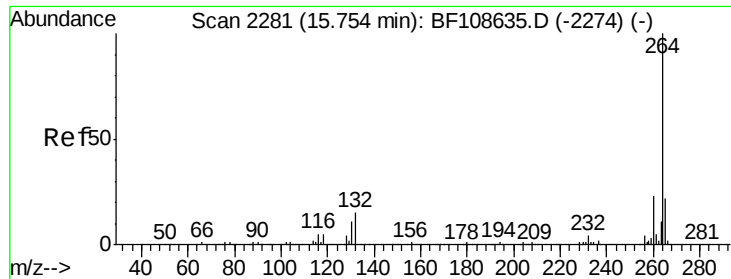
#84
 Di-n-octyl phthalate
 Concen: 0.009 ng
 RT: 14.75 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BF108643.D
 Acq: 30 Aug 2018 16:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	0.0	8.4	12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

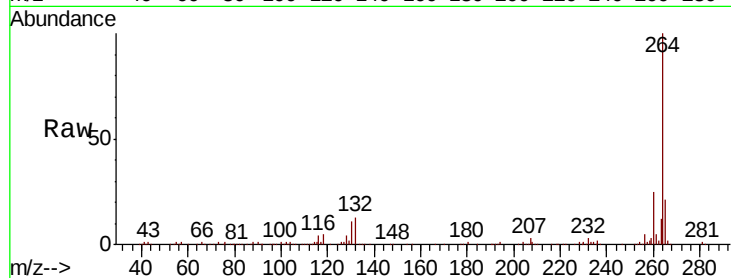




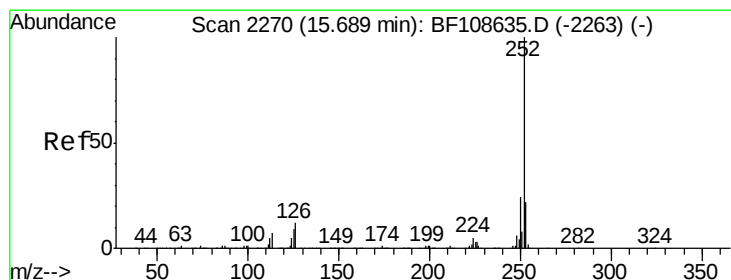
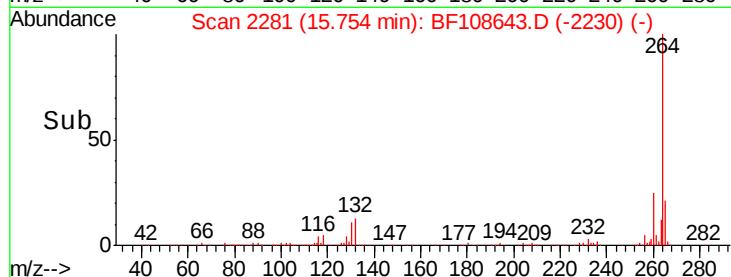
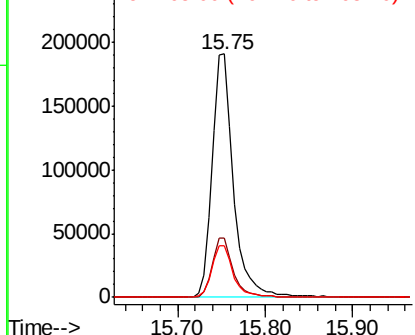
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 324381
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 21.2 17.5 26.3

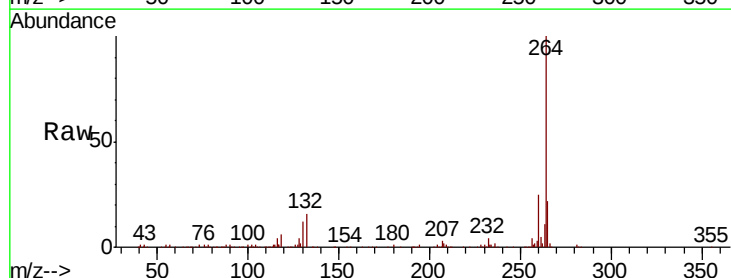


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#89
Benzo(a)pyrene
Concen: 0.052 ng
RT: 15.75 min Scan# 2280
Delta R.T. 0.06 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Tgt Ion:252 Resp: 944
Ion Ratio Lower Upper
252 100
253 39.9 17.1 25.7#
125 0.0 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

