

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109864.D
 Acq On : 13 Oct 2018 5:32
 Operator : JU/SJ
 Sample : J5444-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 01:20:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	103411	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	415964	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	166965	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	266628	20.00	ng	0.00
75) Chrysene-d12	13.83	240	212313	20.00	ng	0.00
86) Perylene-d12	15.23	264	165586	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	238889	41.00	ng	-0.01
7) Phenol-d6	6.34	99	203316	26.12	ng	-0.02
23) Nitrobenzene-d5	7.26	82	806060	106.82	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	160441	88.19	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1351798	111.51	ng	0.00
78) Terphenyl-d14	12.78	244	910161	82.99	ng	0.00

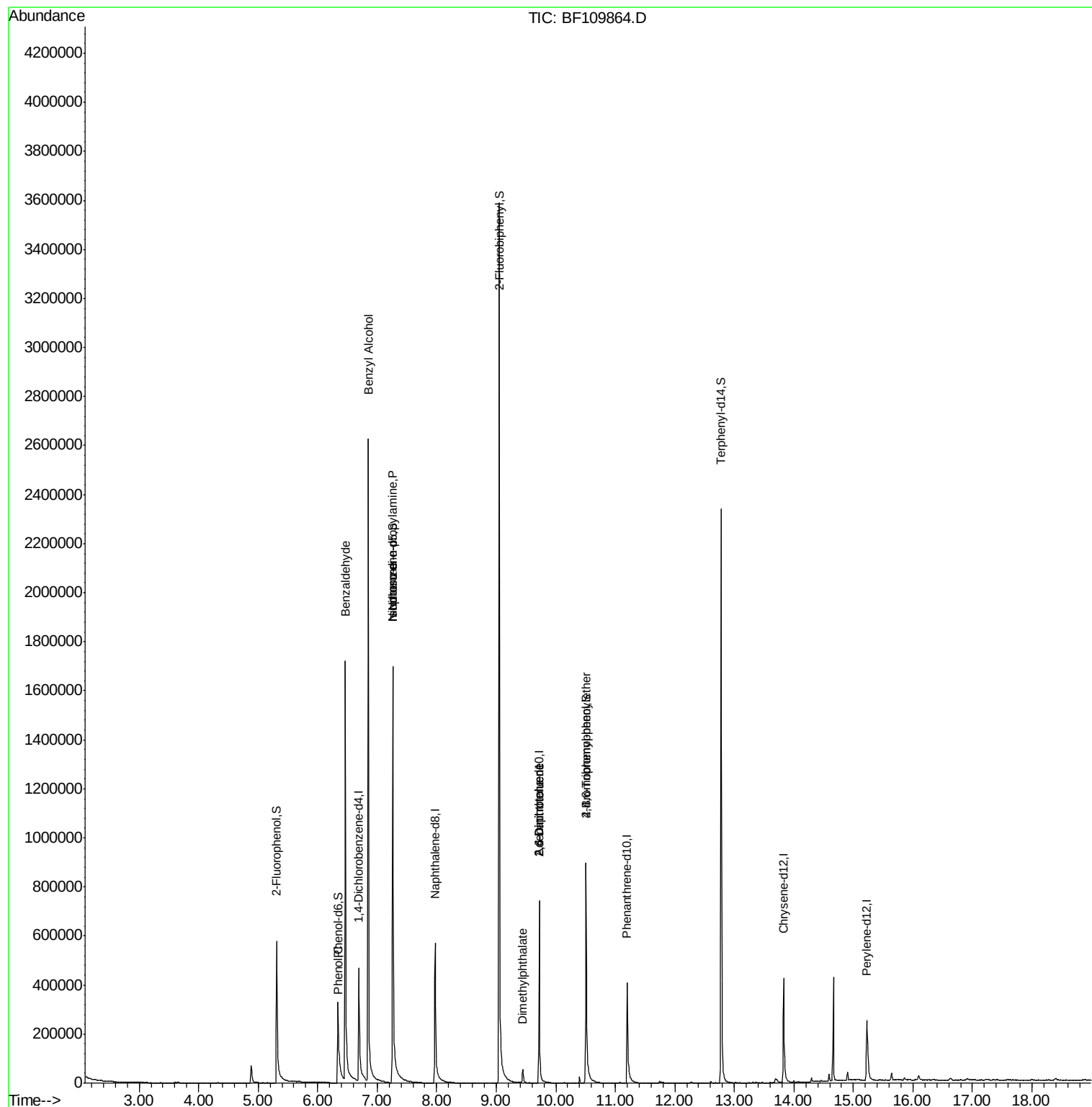
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.46	77	12695	2.535	ng	# 70
10) Phenol	6.36	94	20845	2.336	ng	# 80
15) Benzyl Alcohol	6.85	79	11988	2.078	ng	# 48
19) n-Nitroso-di-n-propylamine	7.26	70	105113	19.259	ng	# 78
25) Isophorone	7.26	82	812366	64.830	ng	# 67
49) Dimethylphthalate	9.45	163	36812	3.006	ng	# 97
50) 2,6-Dinitrotoluene	9.72	165	20572	7.750	ng	# 23
56) 2,4-Dinitrotoluene	9.72	165	20572	6.210	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	9227	3.012	ng	# 1

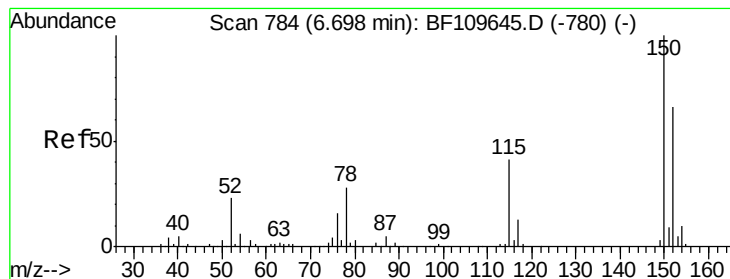
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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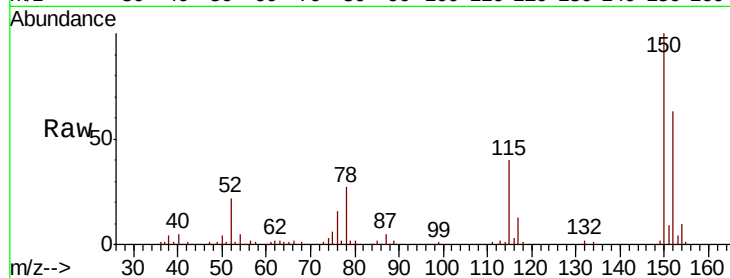


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109864.D
Acq: 13 Oct 2018 5:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.7	184.1
115	62.8	49.1	73.7

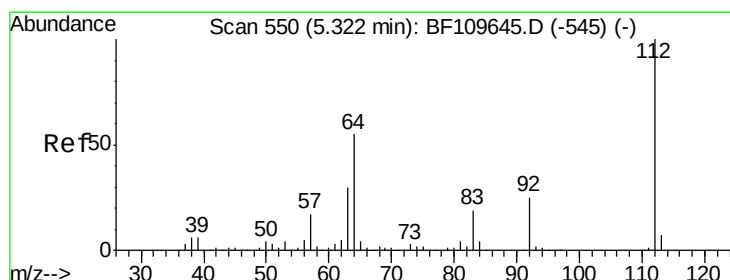
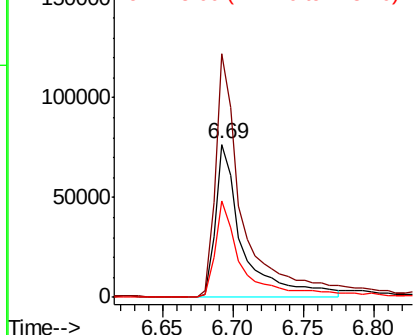
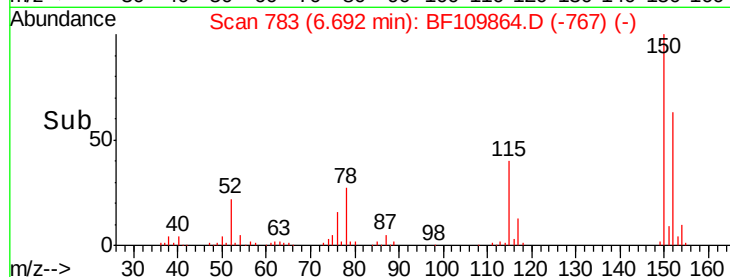


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

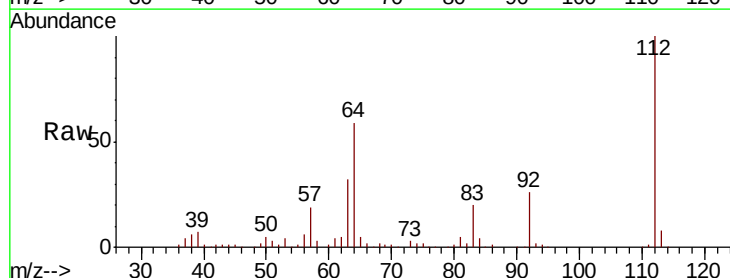
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.005 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109864.D
Acq: 13 Oct 2018 5:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	44.1	66.1
63	32.2	23.7	35.5

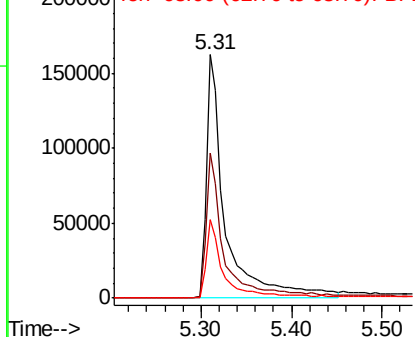
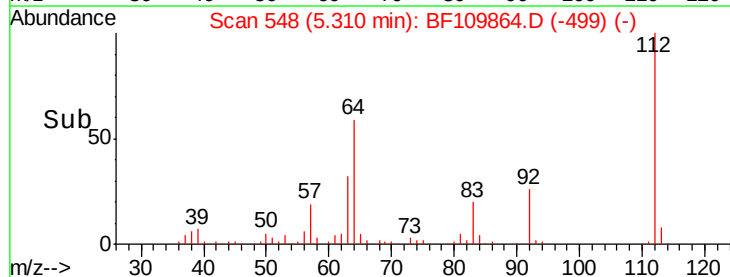


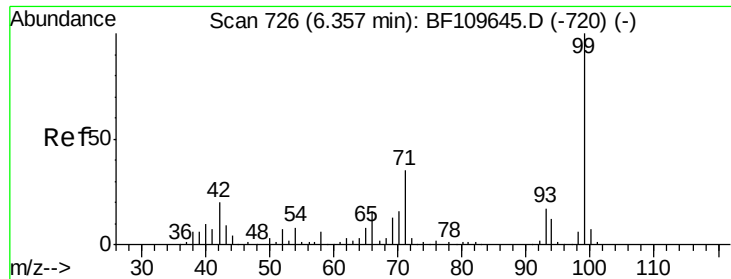
Abundance

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: 26.124 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109864.D

Acq: 13 Oct 2018 5:32

Instrument :

BNA_F

ClientSampleId :

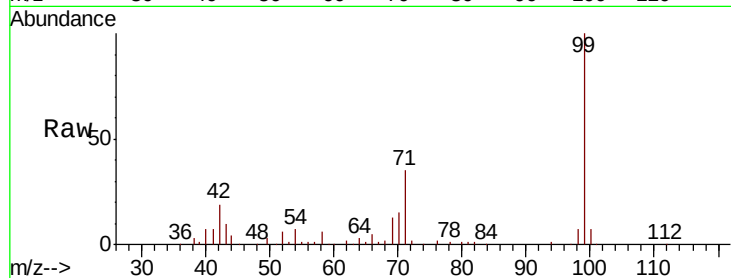
Tot Ion: 99 Resp: 203316

Ion Ratio Lower Upper

99 100

42 18.6 15.8 23.6

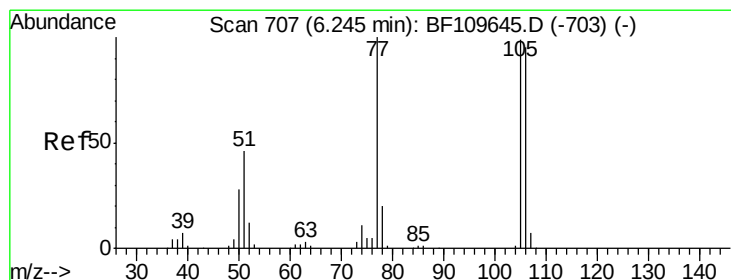
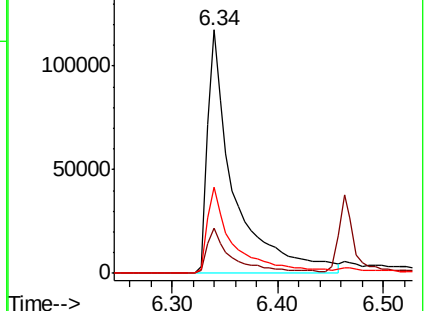
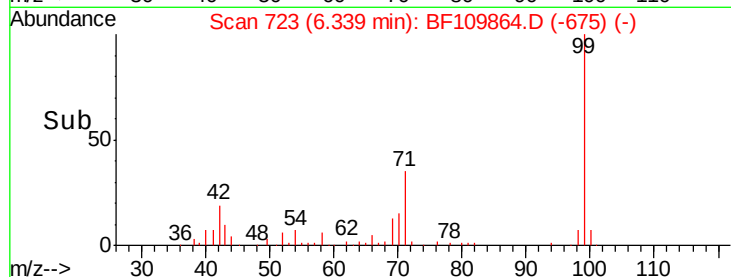
71 35.4 28.0 42.0



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: 2.535 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF109864.D

Acq: 13 Oct 2018 5:32

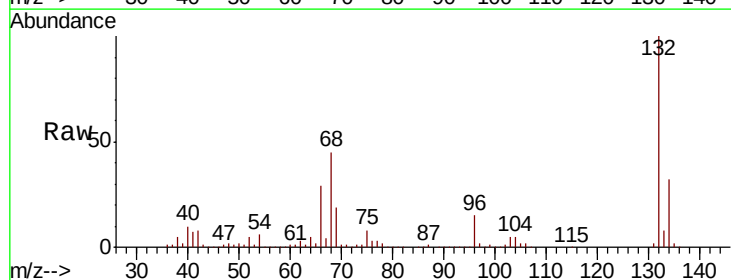
Tgt Ion: 77 Resp: 12695

Ion Ratio Lower Upper

77 100

105 74.1 78.6 118.6#

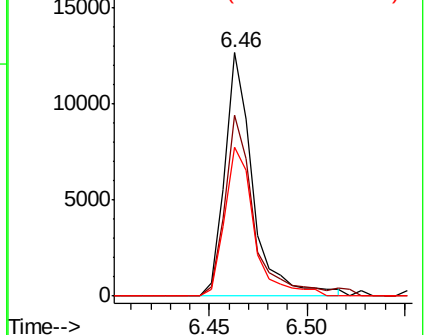
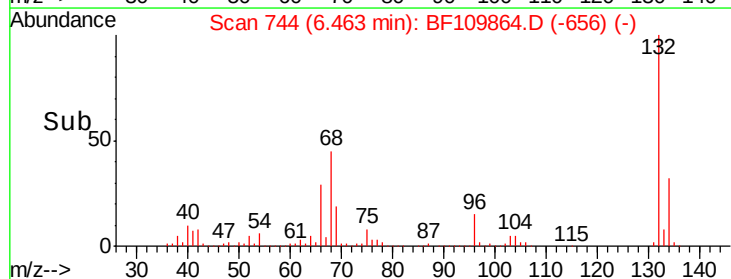
106 61.2 74.8 114.8#

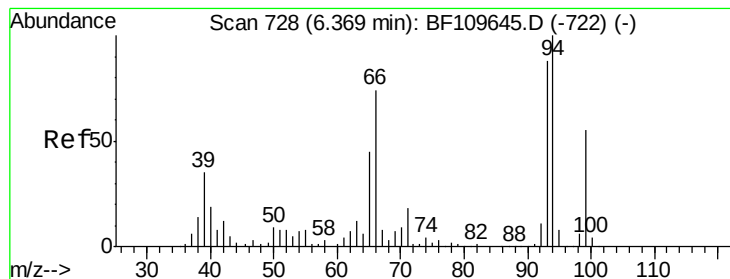


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.336 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109864.D

Acq: 13 Oct 2018 5:32

Instrument :

BNA_F

ClientSampleId :

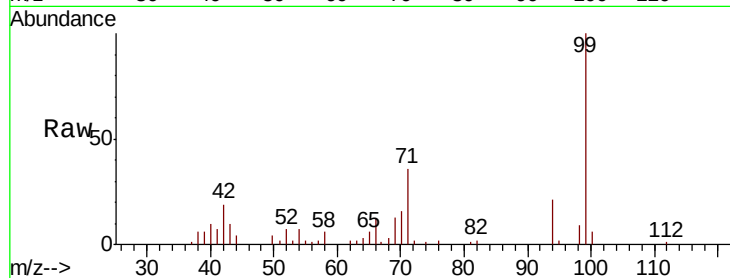
Tot Ion: 94 Resp: 20845

Ion Ratio Lower Upper

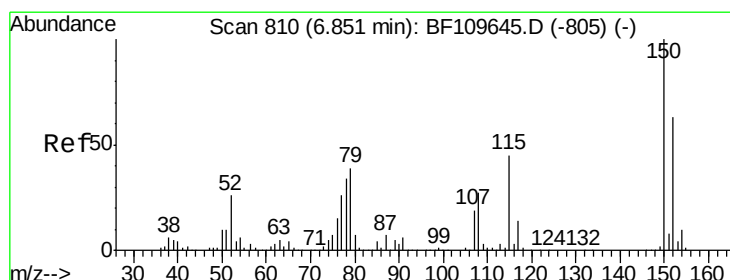
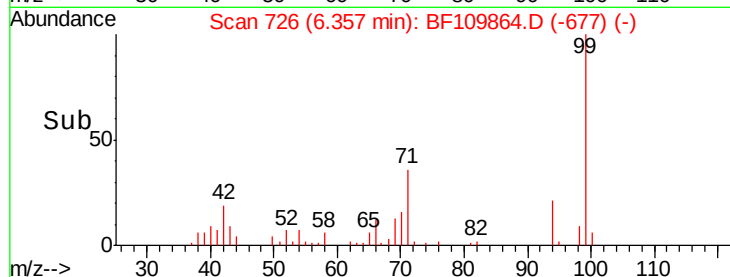
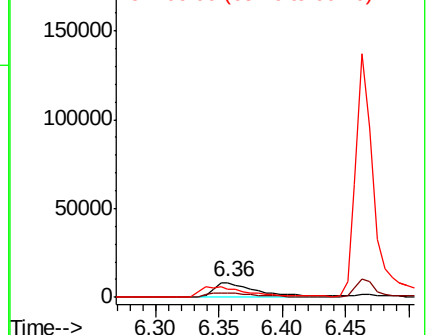
94 100

65 30.6 25.3 65.3

66 58.5 54.5 94.5



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



#15

Benzyl Alcohol

Concen: 2.078 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF109864.D

Acq: 13 Oct 2018 5:32

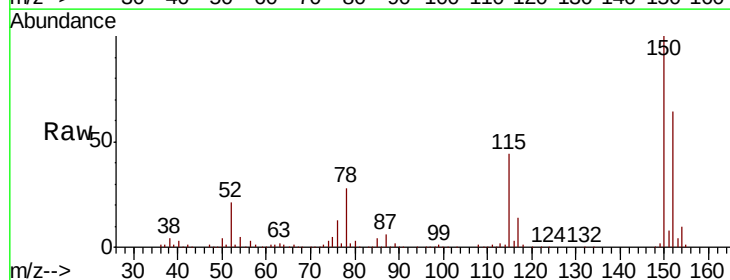
Tgt Ion: 79 Resp: 11988

Ion Ratio Lower Upper

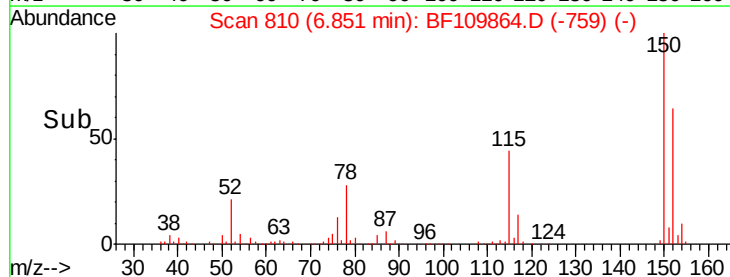
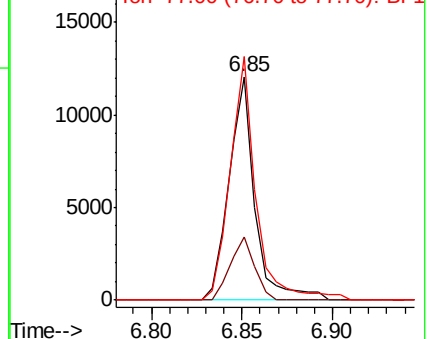
79 100

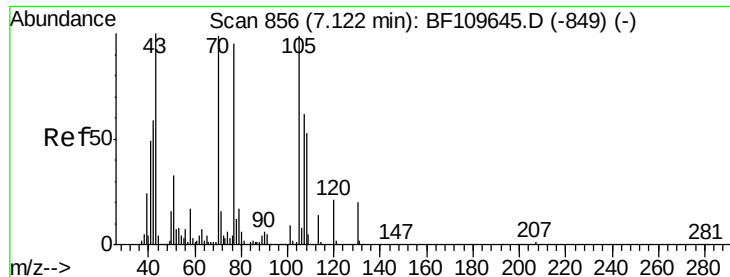
108 28.5 56.3 84.5#

77 108.9 52.9 79.3#



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

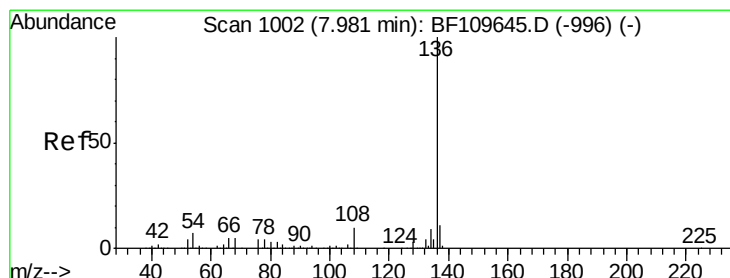
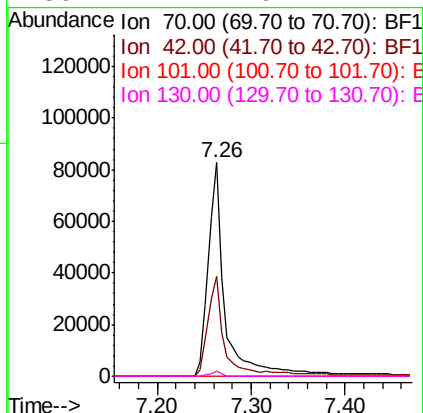
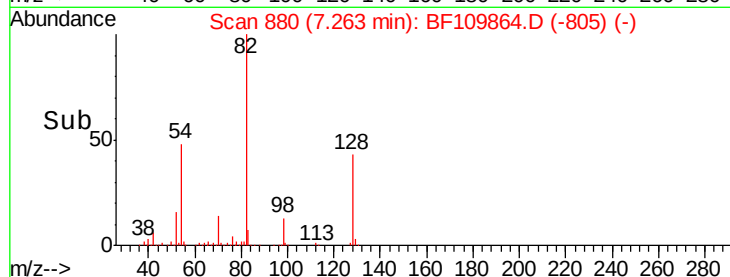
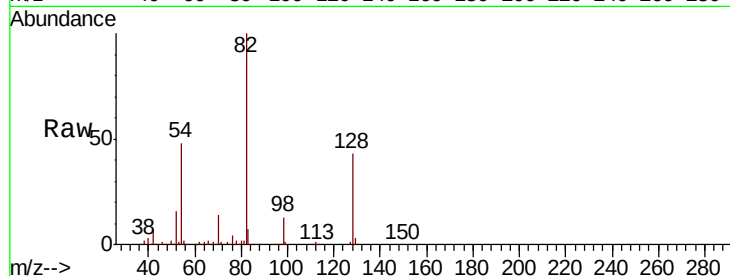




#19
n-Nitroso-di-n-propylamine
Concen: 19.259 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF109864.D
Acq: 13 Oct 2018 5:32

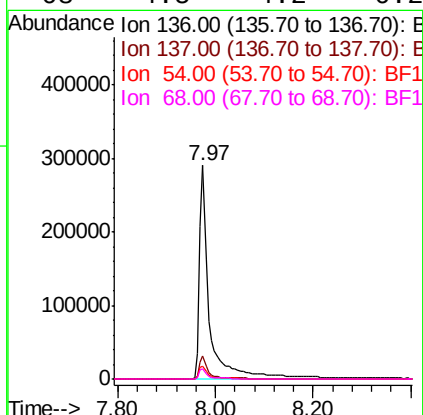
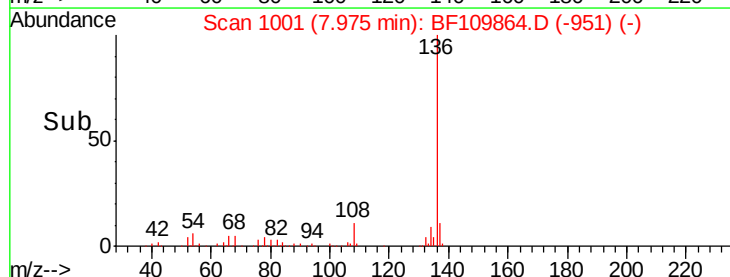
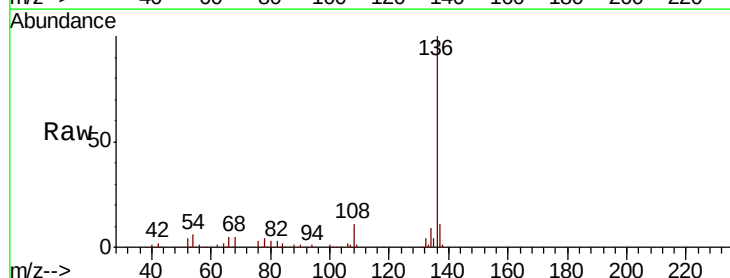
Instrument :
BNA_F
ClientSampleId :

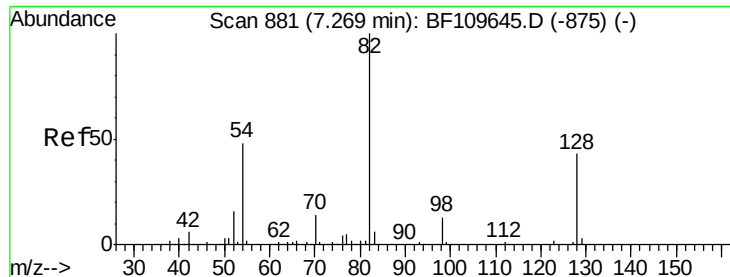
Tot Ion: 70 Resp: 105113
Ion Ratio Lower Upper
70 100
42 47.1 47.4 71.2#
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109864.D
Acq: 13 Oct 2018 5:32

Tgt Ion: 136 Resp: 415964
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.3 5.4 8.2
68 4.5 4.2 6.2

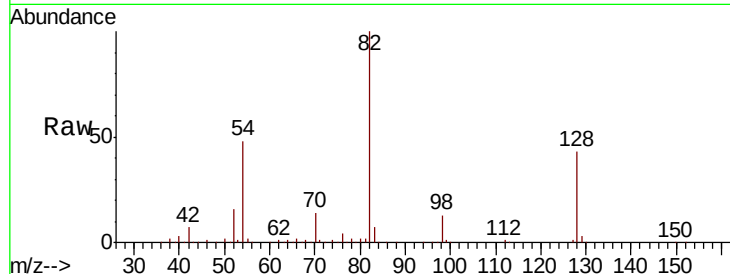




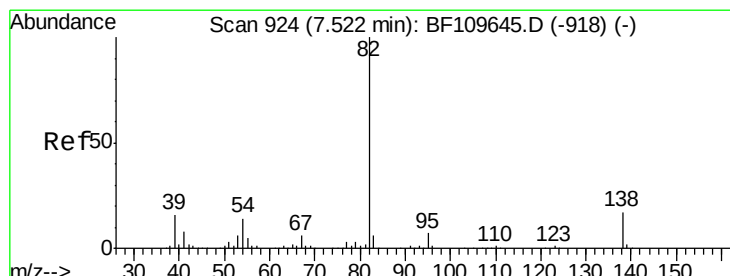
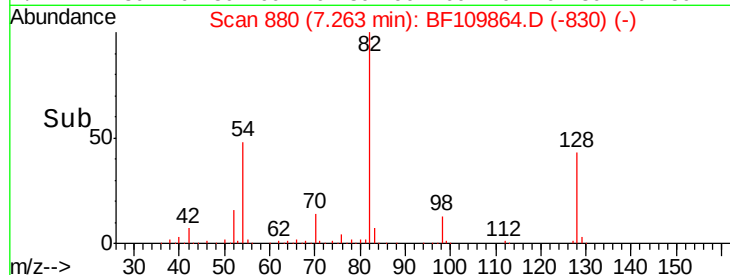
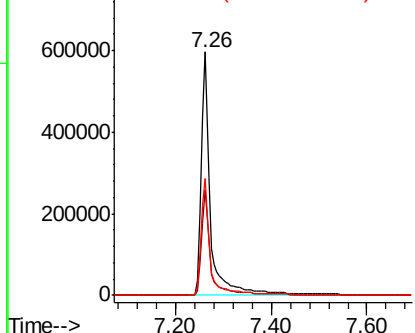
#23
 Nitrobenzene-d5
 Concen: 106.819 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109864.D
 Acq: 13 Oct 2018 5:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.2	51.2
54	47.8	38.6	58.0

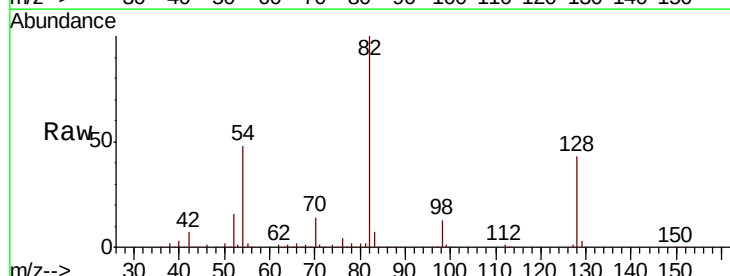


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

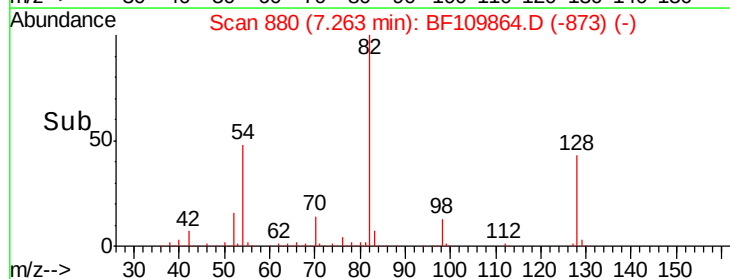
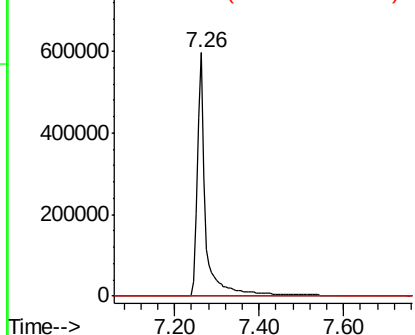


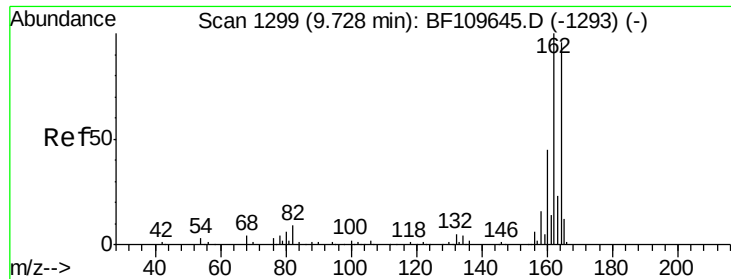
#25
 Isophorone
 Concen: 64.830 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.26 min
 Lab File: BF109864.D
 Acq: 13 Oct 2018 5:32

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



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

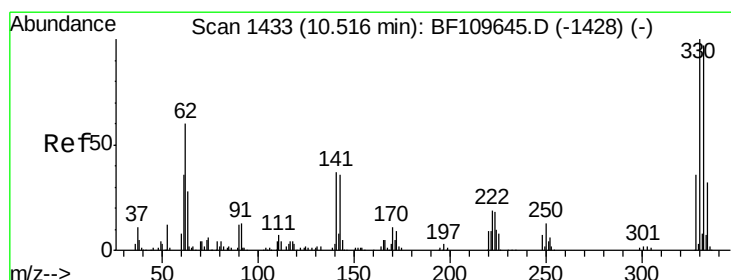
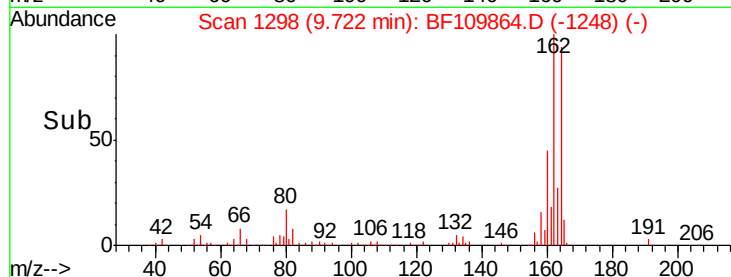
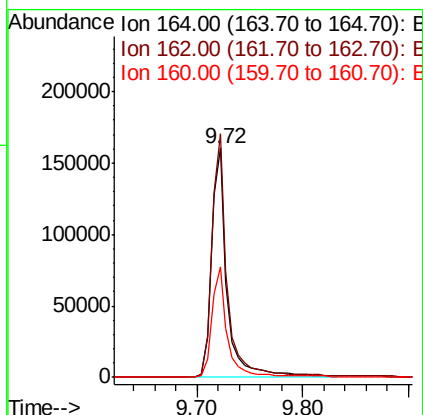
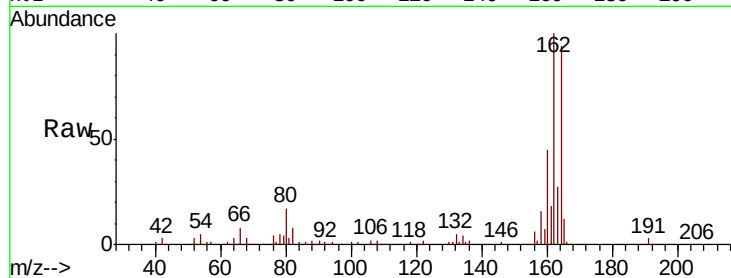




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109864.D
 Acq: 13 Oct 2018 5:32

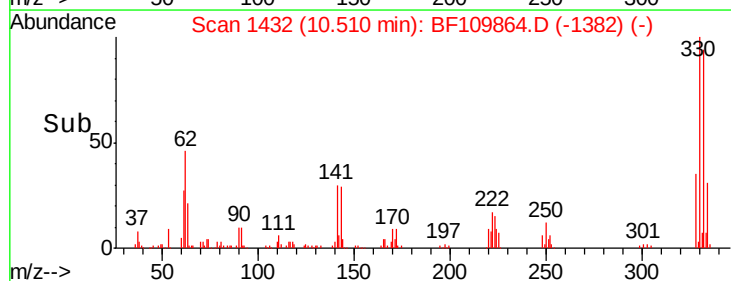
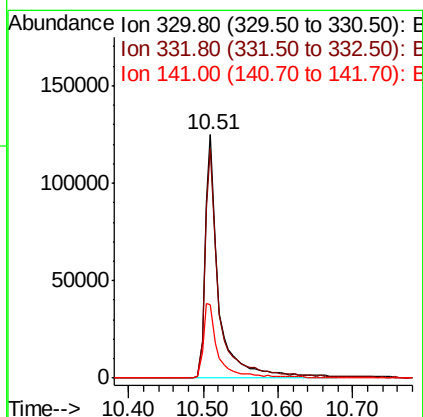
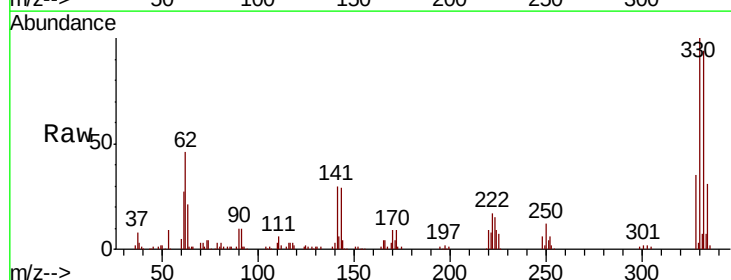
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 BNA_F
 ClientSampleId :

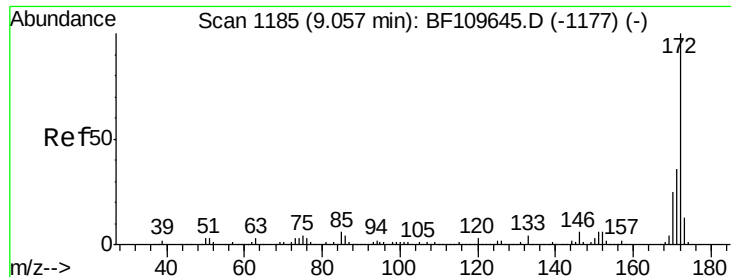
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.3	83.0	124.6
160	48.2	37.0	55.6



#41
 2,4,6-Tribromophenol
 Concen: 88.190 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109864.D
 Acq: 13 Oct 2018 5:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	34.6	27.0	40.4

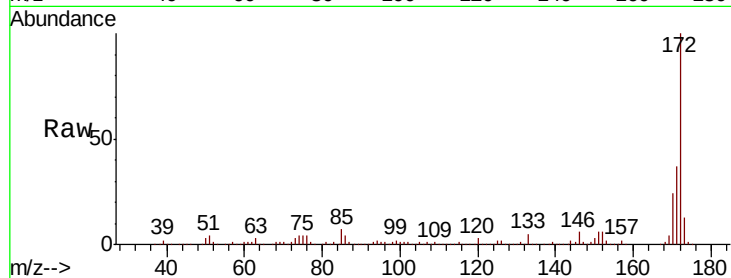




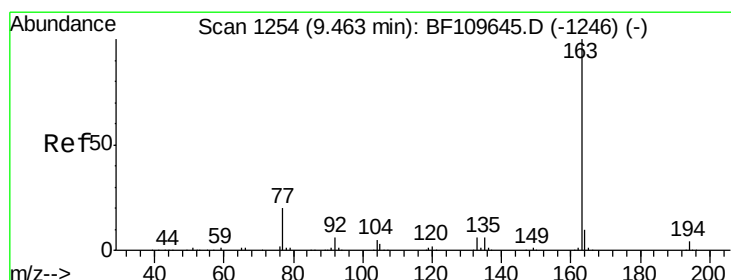
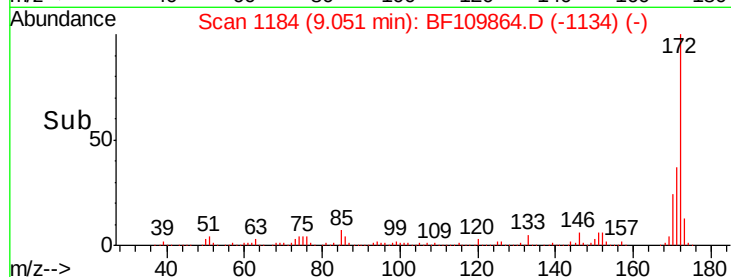
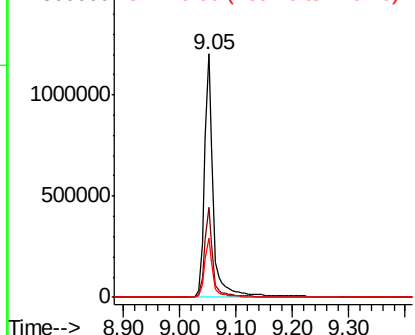
#44
2-Fluorobiphenyl
Concen: 111.506 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109864.D
Acq: 13 Oct 2018 5:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1351798
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 24.4 19.7 29.5

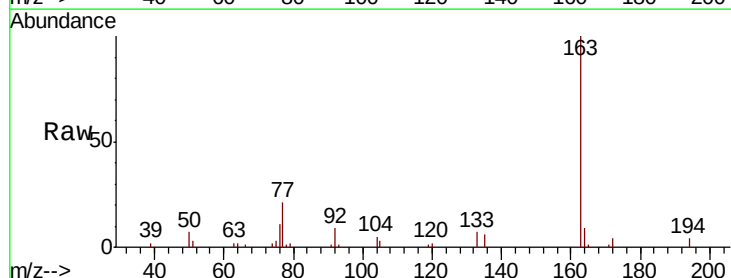


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

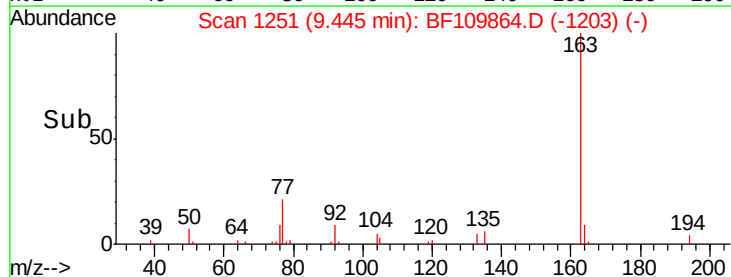
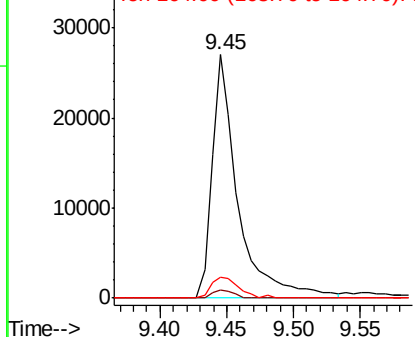


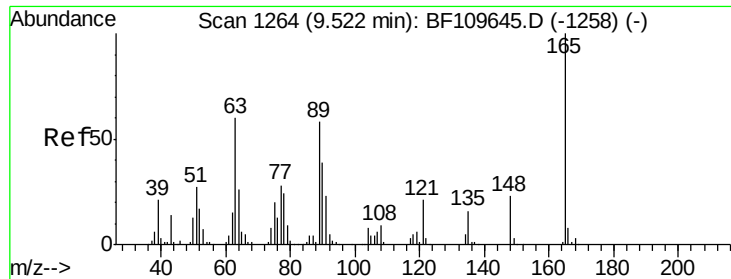
#49
Dimethylphthalate
Concen: 3.006 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109864.D
Acq: 13 Oct 2018 5:32

Tgt Ion:163 Resp: 36812
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 8.6 8.1 12.1



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

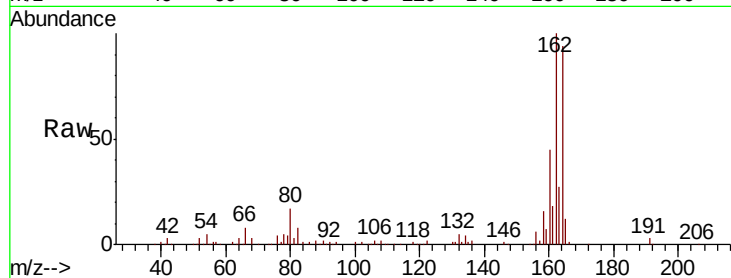




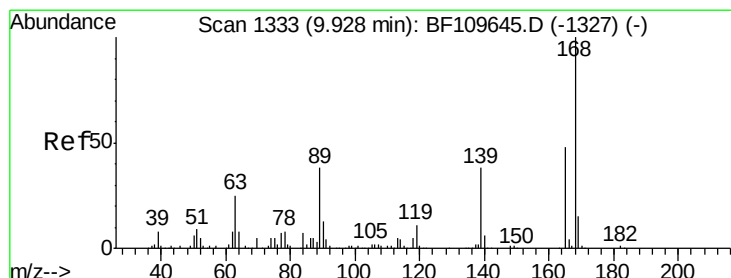
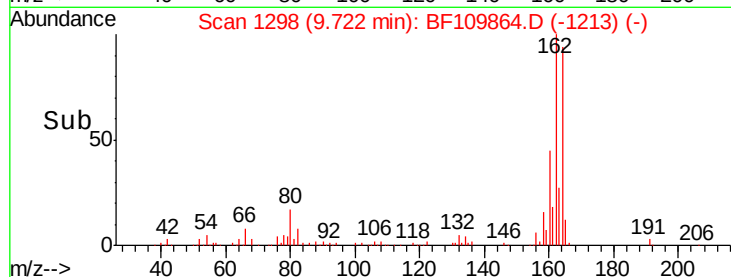
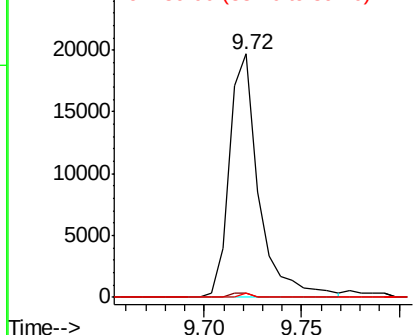
#50
2,6-Dinitrotoluene
Concen: 7.750 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109864.D
Acq: 13 Oct 2018 5:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 20572
Ion Ratio Lower Upper
165 100
63 1.7 48.9 73.3#
89 1.8 46.6 69.8#

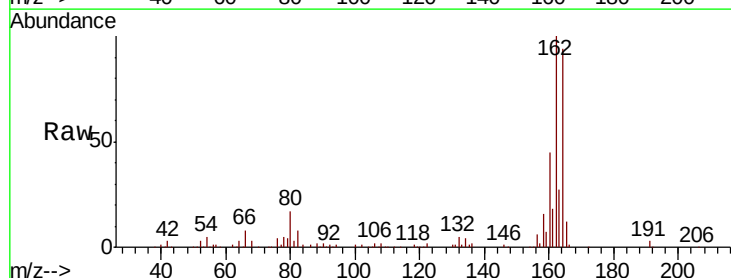


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

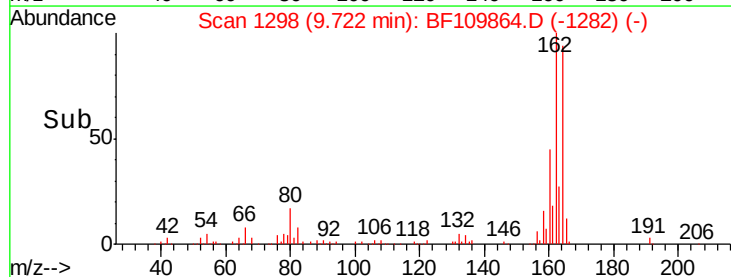
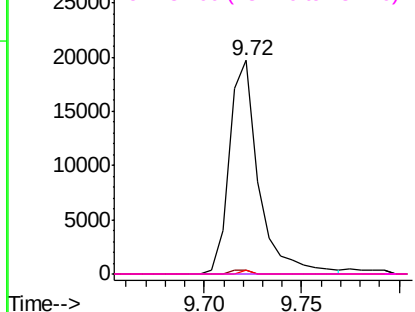


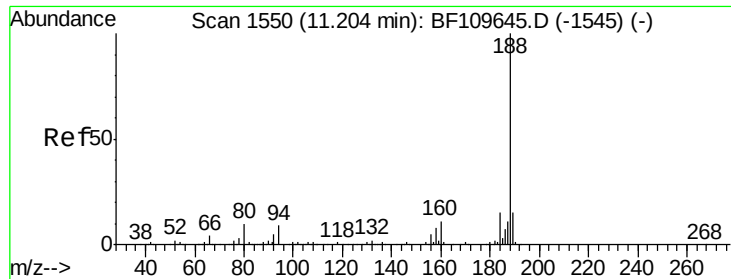
#56
2,4-Dinitrotoluene
Concen: 6.210 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109864.D
Acq: 13 Oct 2018 5:32

Tgt Ion:165 Resp: 20572
Ion Ratio Lower Upper
165 100
63 1.7 44.8 67.2#
89 1.8 62.2 93.4#
182 0.0 2.1 3.1#



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

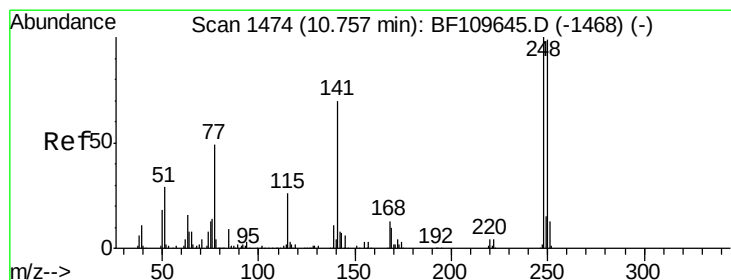
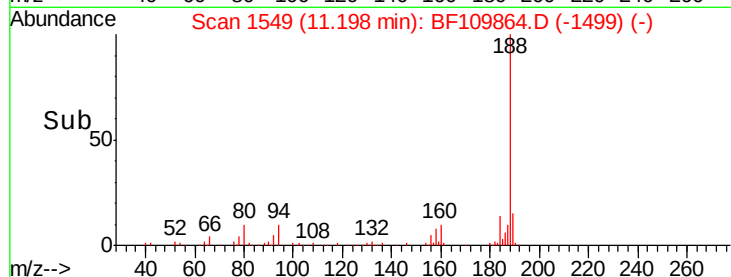
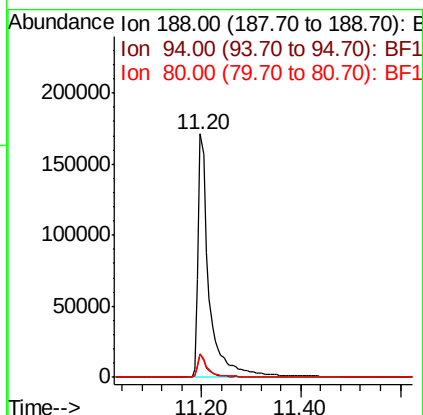
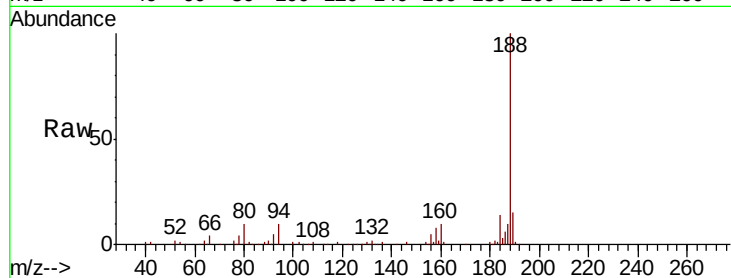




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109864.D
Acq: 13 Oct 2018 5:32

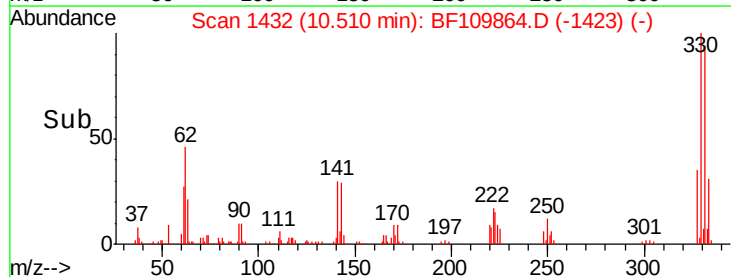
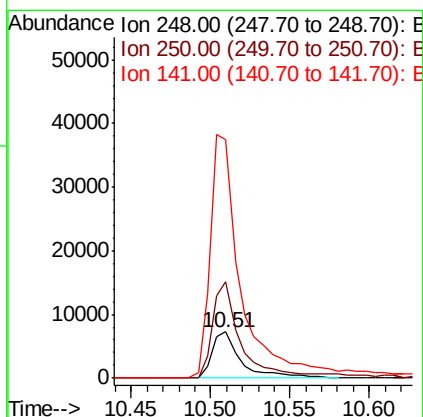
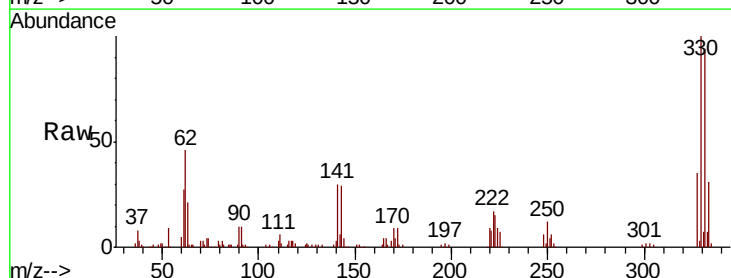
Instrument :
BNA_F
ClientSampleId :

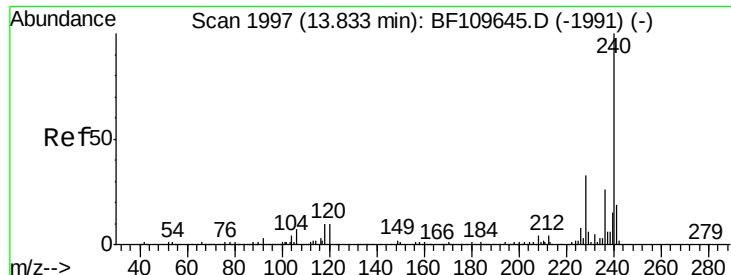
Tot Ion:188 Resp: 266628
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 9.6 7.9 11.9



#66
4-Bromophenyl-phenylether
Concen: 3.012 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109864.D
Acq: 13 Oct 2018 5:32

Tgt Ion:248 Resp: 9227
Ion Ratio Lower Upper
248 100
250 210.3 79.4 119.2#
141 519.9 55.9 83.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109864.D

Acq: 13 Oct 2018 5:32

Instrument :

BNA_F

ClientSampleId :

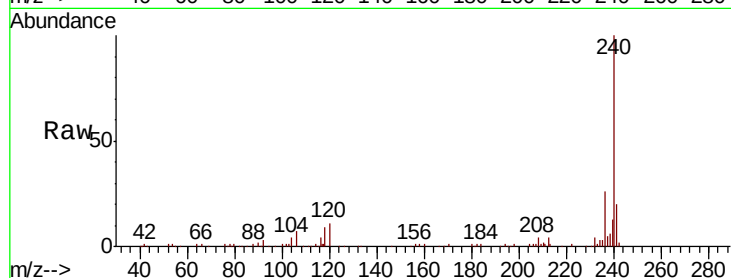
Tot Ion:240 Resp: 212313

Ion Ratio Lower Upper

240 100

120 10.8 8.3 12.5

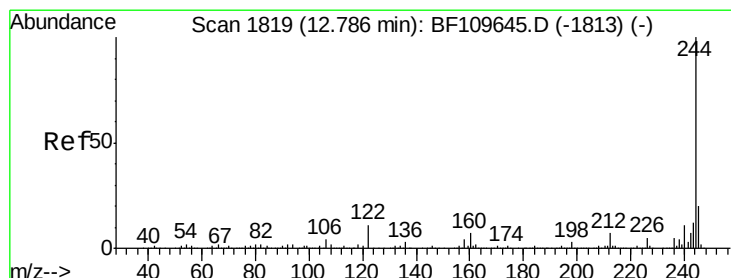
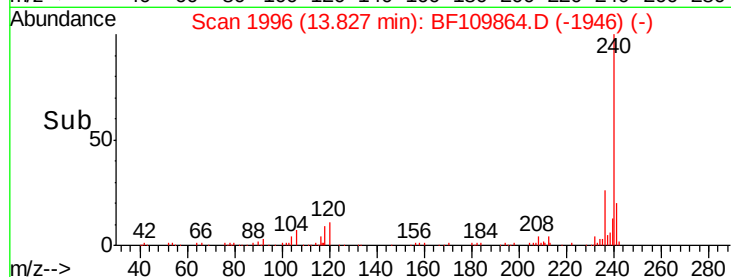
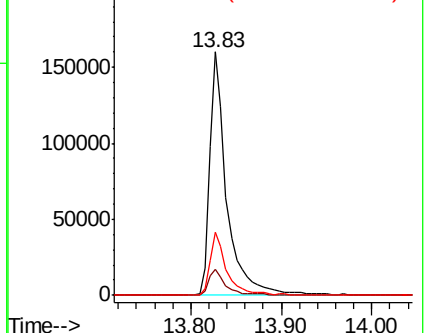
236 26.0 21.2 31.8



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: 82.987 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109864.D

Acq: 13 Oct 2018 5:32

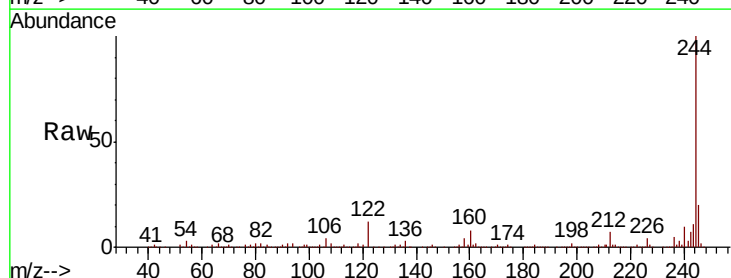
Tgt Ion:244 Resp: 910161

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

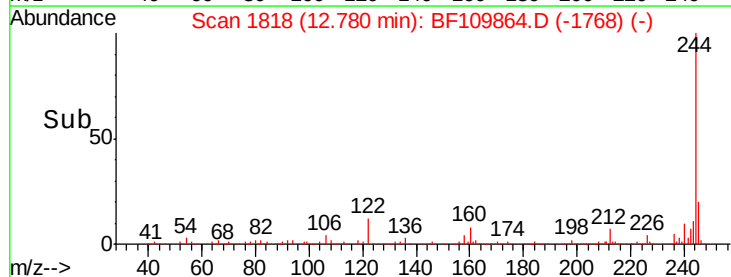
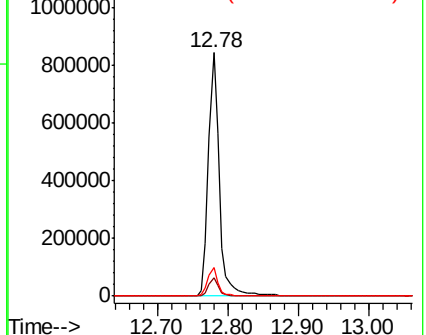
122 11.6 8.7 13.1

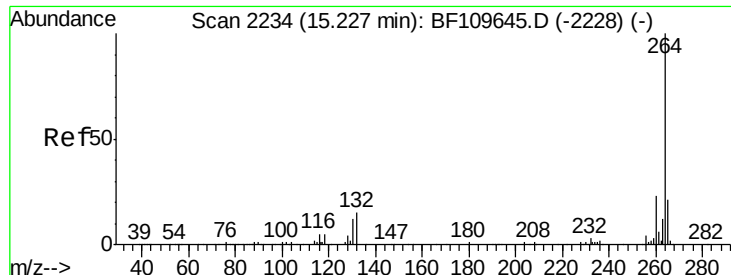


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

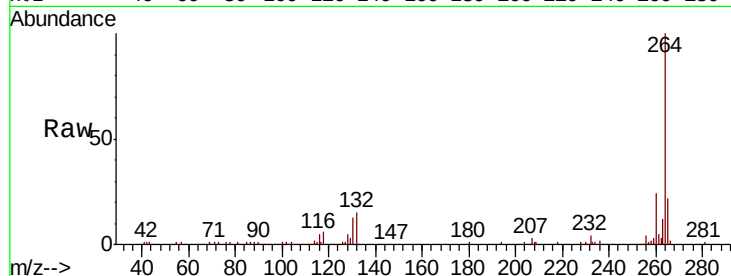




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109864.D
Acq: 13 Oct 2018 5:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.1	16.7	25.1



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

