

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101118\
 Data File : BF109812.D
 Acq On : 12 Oct 2018 3:51
 Operator : JU/SJ
 Sample : J5296-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 06:37:07 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

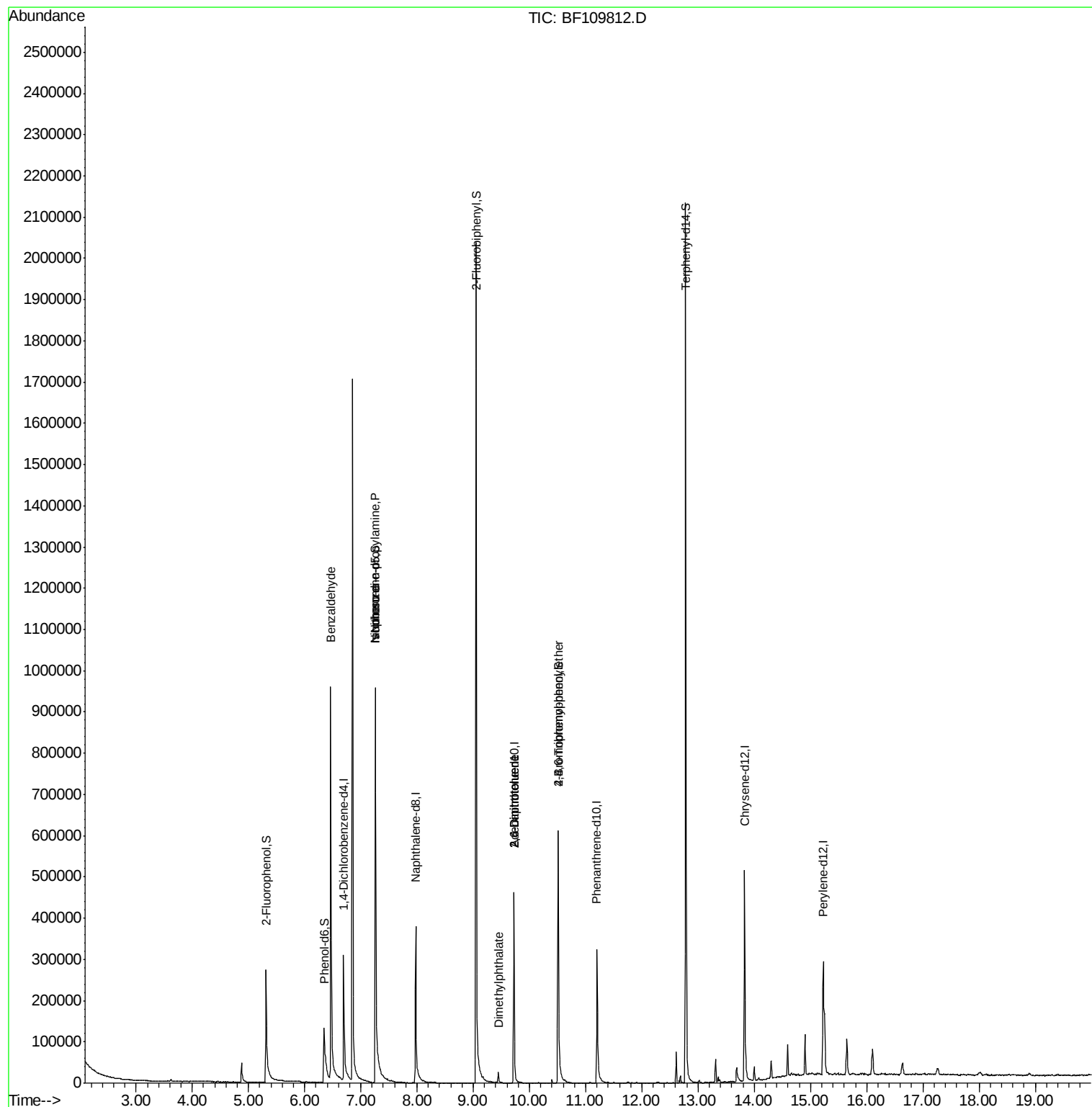
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	69878	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	256599	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	101813	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	202180	20.00	ng	0.00
75) Chrysene-d12	13.83	240	228304	20.00	ng	0.00
86) Perylene-d12	15.23	264	165593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	138736	35.24	ng	-0.01
7) Phenol-d6	6.35	99	119573	22.74	ng	-0.01
23) Nitrobenzene-d5	7.26	82	481644	103.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	103396	93.20	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	798079	107.96	ng	0.00
78) Terphenyl-d14	12.78	244	856047	72.59	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	7248	2.142	ng	# 76
19) n-Nitroso-di-n-propylamine	7.26	70	60793	16.484	ng	# 78
25) Isophorone	7.26	82	483976	62.611	ng	# 67
49) Dimethylphthalate	9.45	163	16721	2.239	ng	# 97
50) 2,6-Dinitrotoluene	9.72	165	13012	8.039	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	13012	6.442	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	6184	2.662	ng	# 1

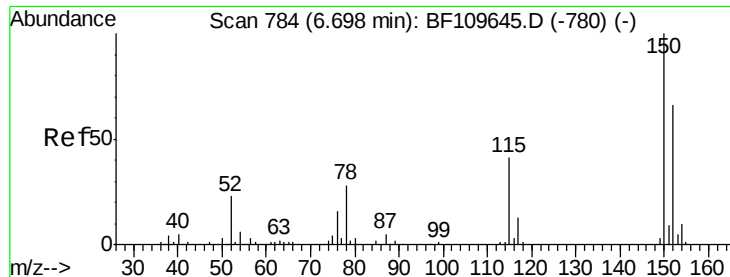
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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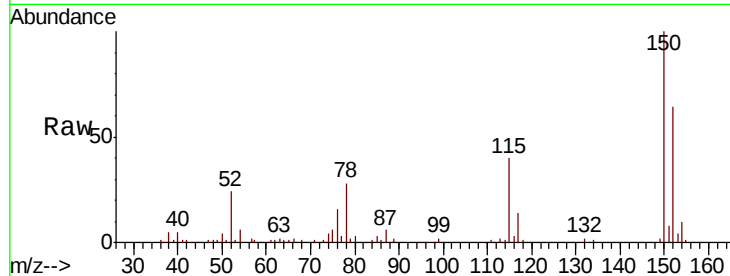


#1

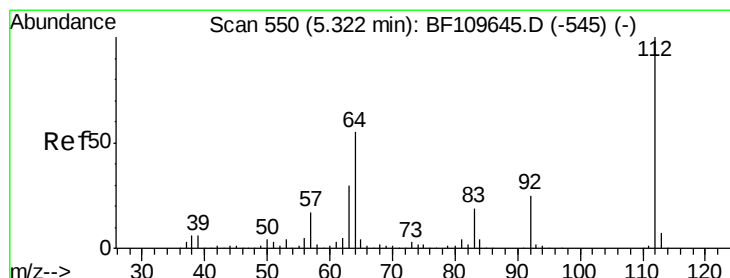
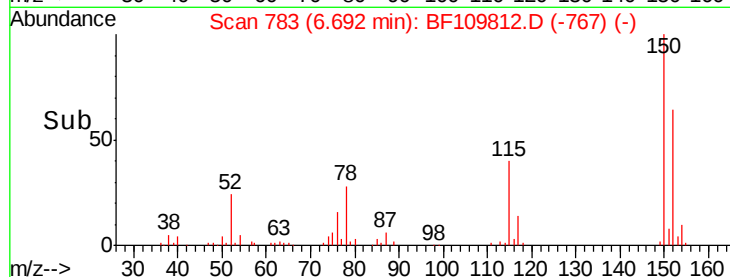
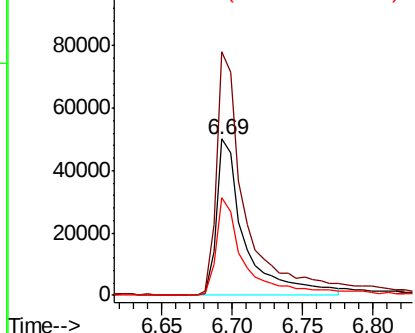
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109812.D
Acq: 12 Oct 2018 3:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 69878
Ion Ratio Lower Upper
152 100
150 156.0 122.7 184.1
115 62.8 49.1 73.7



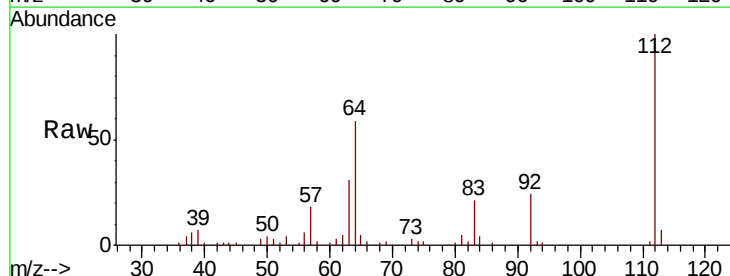
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



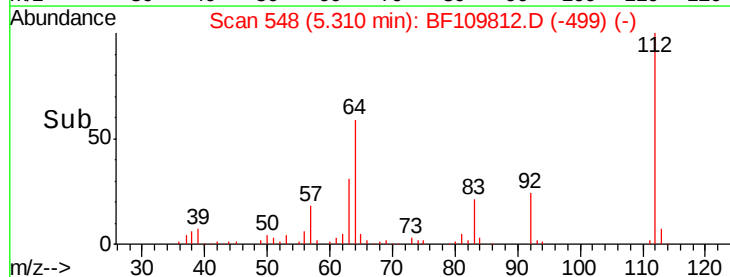
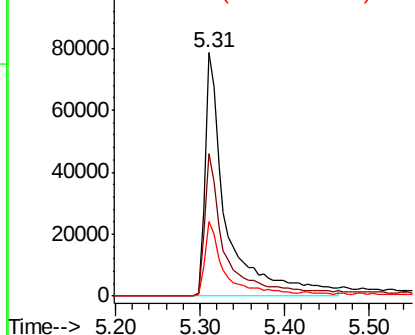
#5

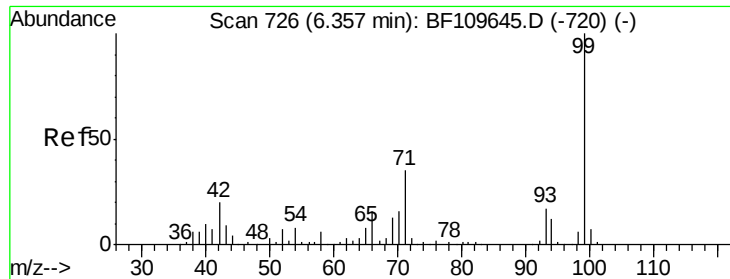
2-Fluorophenol
Concen: 35.242 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109812.D
Acq: 12 Oct 2018 3:51

Tgt Ion:112 Resp: 138736
Ion Ratio Lower Upper
112 100
64 58.7 44.1 66.1
63 30.9 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: 22.737 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109812.D

Acq: 12 Oct 2018 3:51

Instrument :

BNA_F

ClientSampleId :

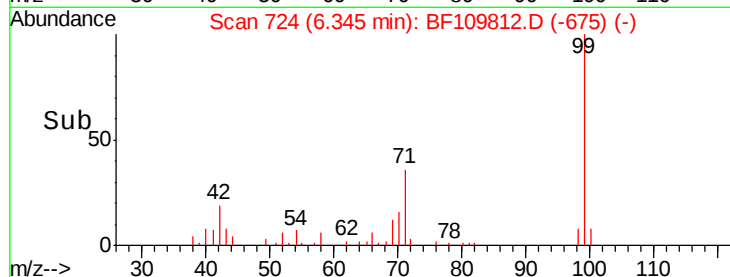
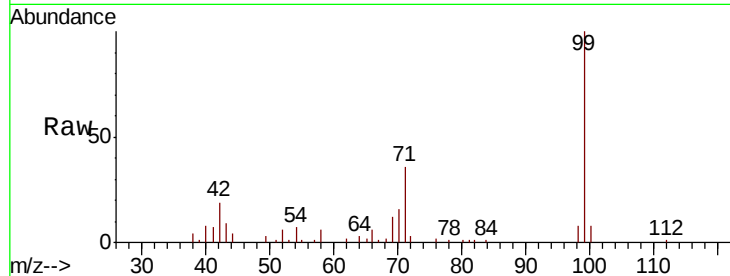
Tgt Ion: 99 Resp: 119573

Ion Ratio Lower Upper

99 100

42 19.0 15.8 23.6

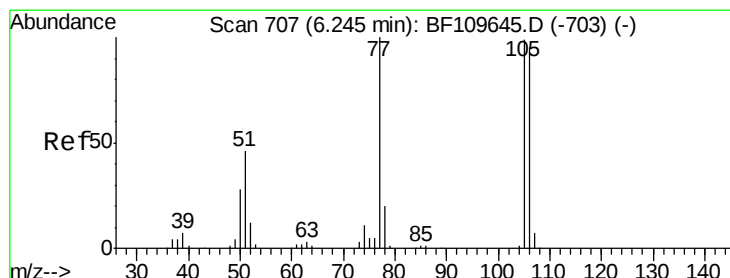
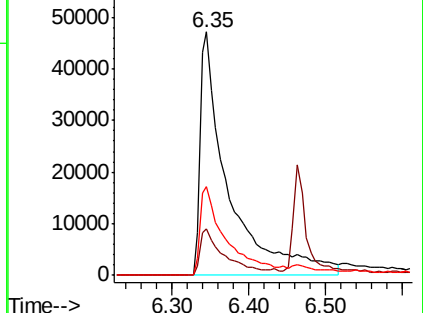
71 36.3 28.0 42.0



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: 2.142 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF109812.D

Acq: 12 Oct 2018 3:51

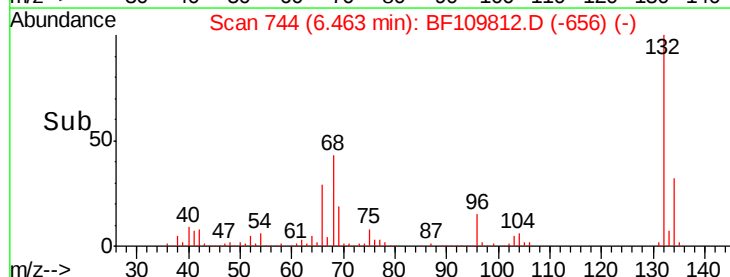
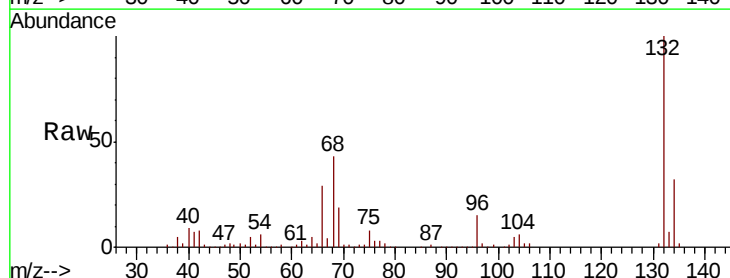
Tgt Ion: 77 Resp: 7248

Ion Ratio Lower Upper

77 100

105 78.0 78.6 118.6#

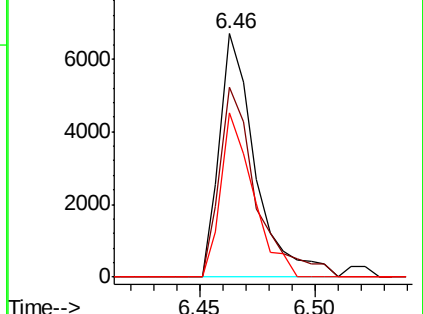
106 67.4 74.8 114.8#

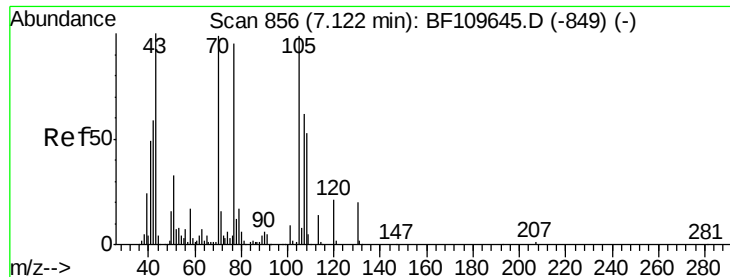


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

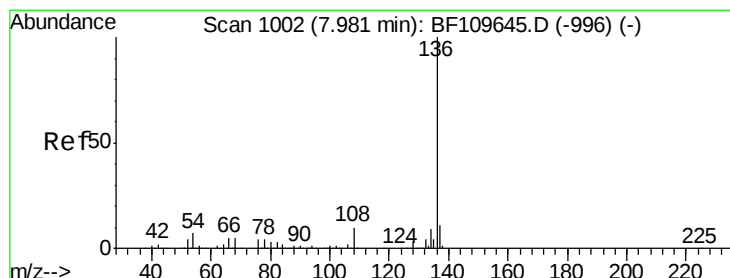
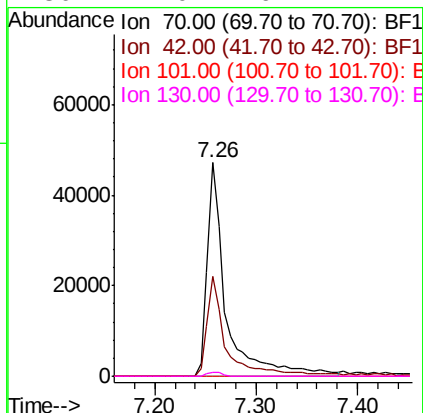
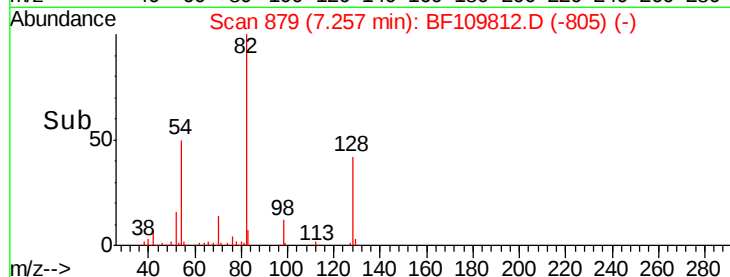
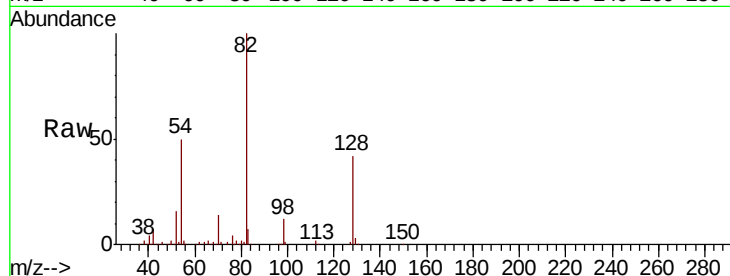




#19
n-Nitroso-di-n-propylamine
Concen: 16.484 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109812.D
Acq: 12 Oct 2018 3:51

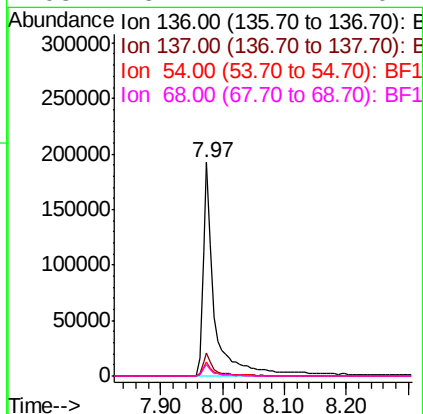
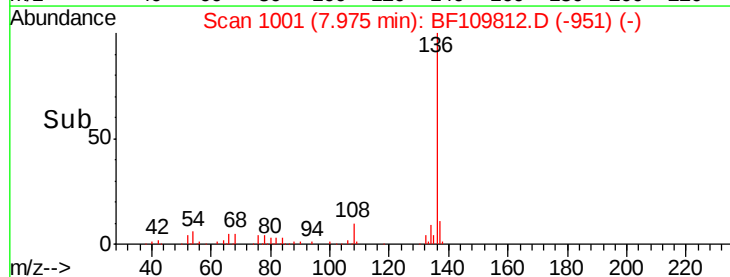
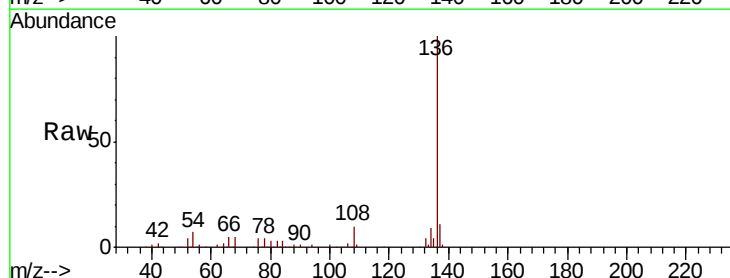
Instrument :
BNA_F
ClientSampleId :

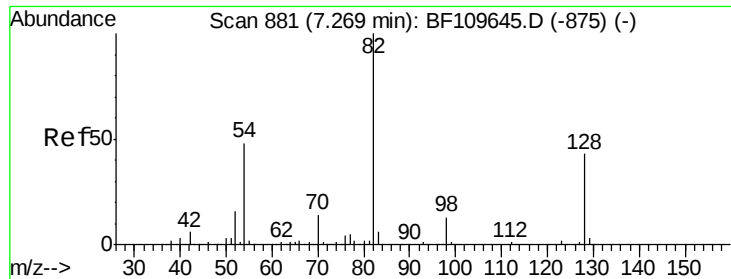
Tgt Ion: 70 Resp: 60793
Ion Ratio Lower Upper
70 100
42 47.1 47.4 71.2#
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109812.D
Acq: 12 Oct 2018 3:51

Tgt Ion: 136 Resp: 256599
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.7 5.4 8.2
68 5.2 4.2 6.2

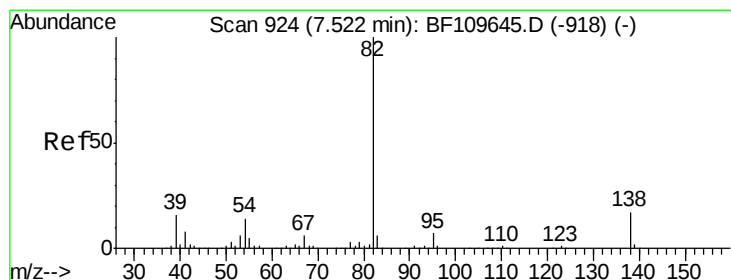
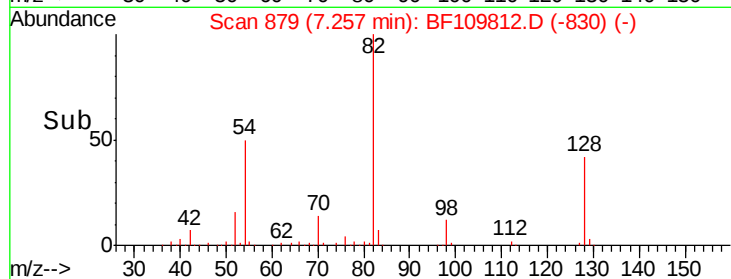
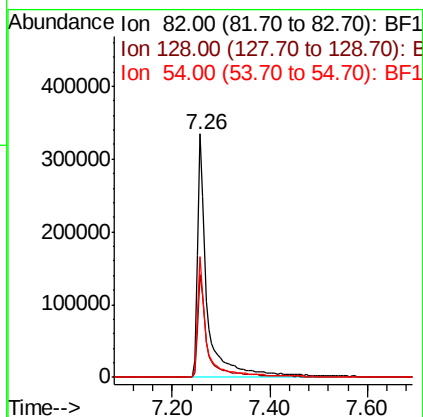
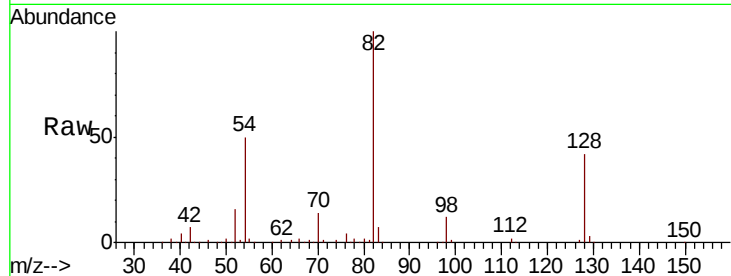




#23
 Nitrobenzene-d5
 Concen: 103.468 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109812.D
 Acq: 12 Oct 2018 3:51

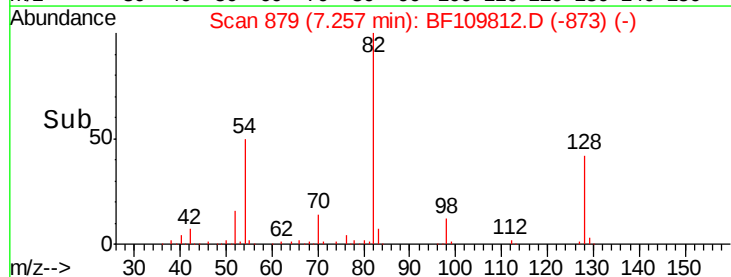
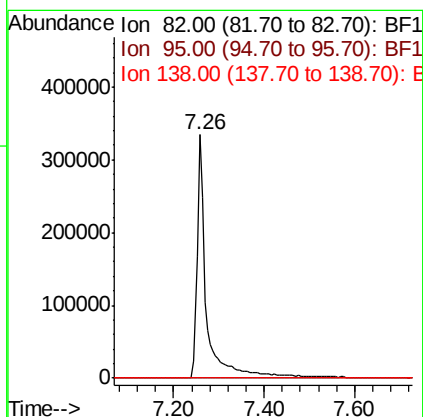
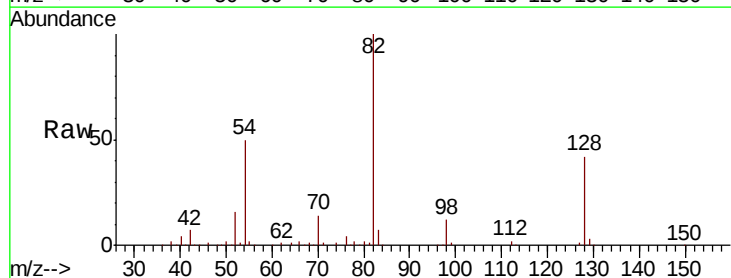
Instrument :
 BNA_F
 ClientSampleId :

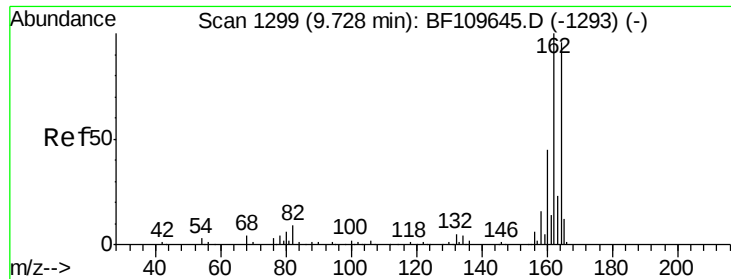
Tgt Ion: 82 Resp: 481644
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.2 51.2
 54 49.5 38.6 58.0



#25
 Isophorone
 Concen: 62.611 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.26 min
 Lab File: BF109812.D
 Acq: 12 Oct 2018 3:51

Tgt Ion: 82 Resp: 483976
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.2 19.8#

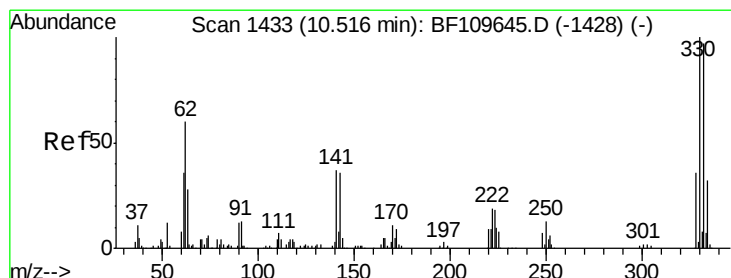
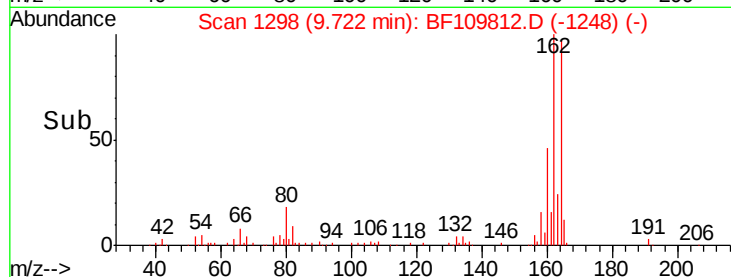
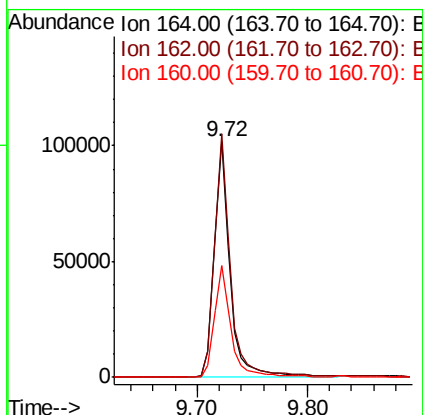
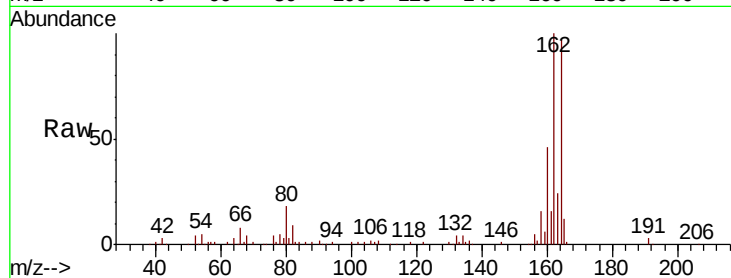




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109812.D
 Acq: 12 Oct 2018 3:51

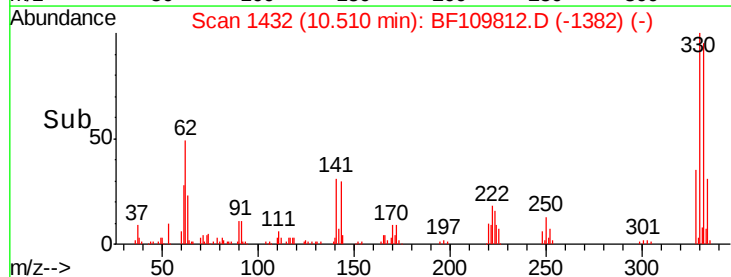
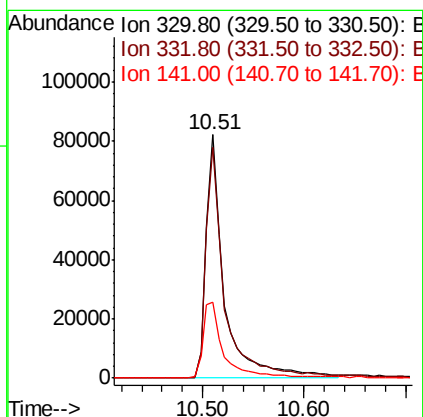
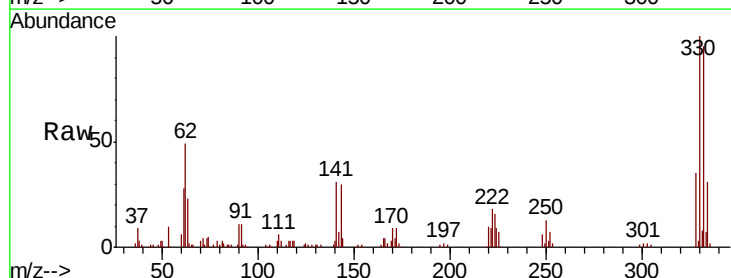
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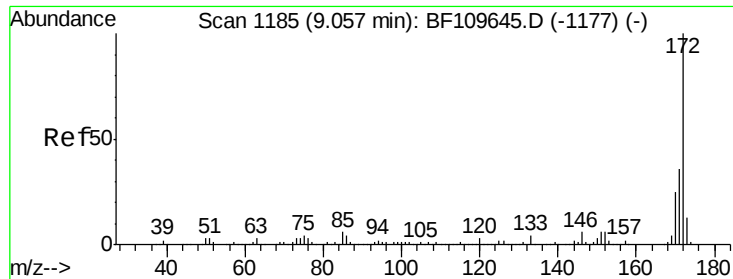
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.0	124.6
160	47.4	37.0	55.6



#41
 2,4,6-Tribromophenol
 Concen: 93.203 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109812.D
 Acq: 12 Oct 2018 3:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.1	115.7
141	36.0	27.0	40.4

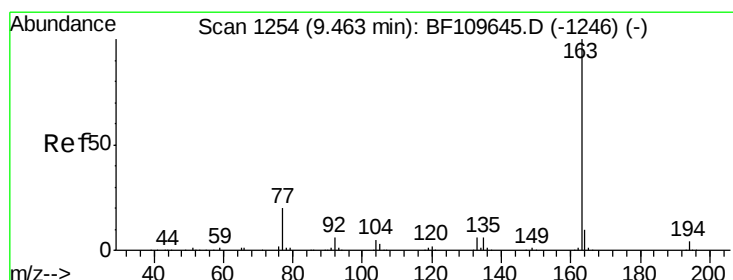
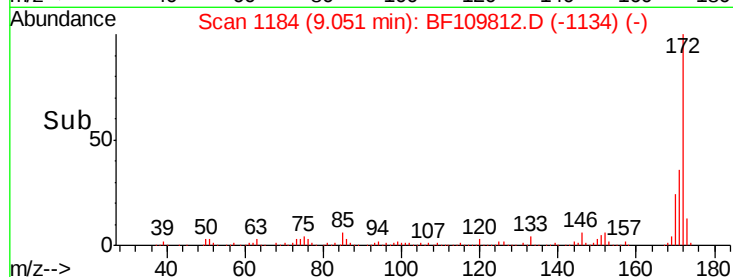
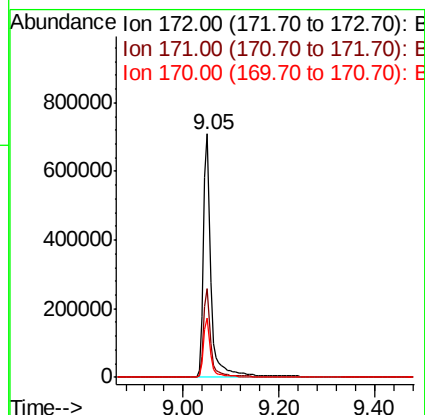
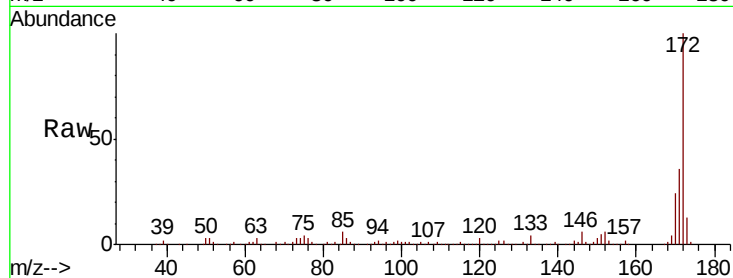




#44
 2-Fluorobiphenyl
 Concen: 107.958 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109812.D
 Acq: 12 Oct 2018 3:51

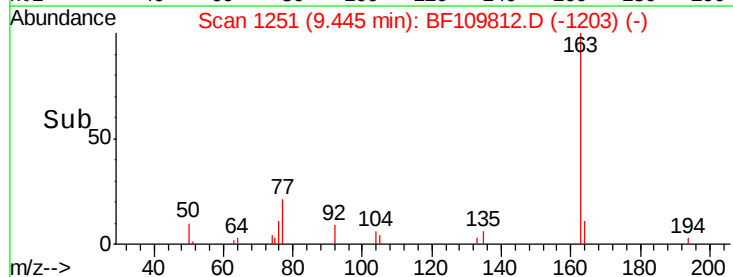
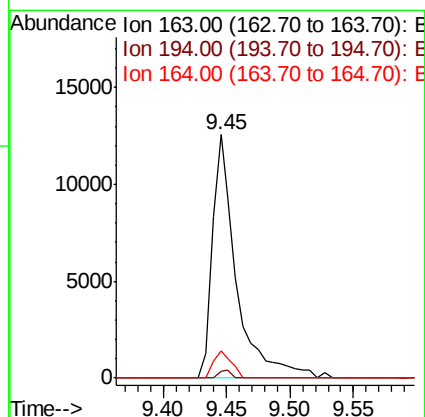
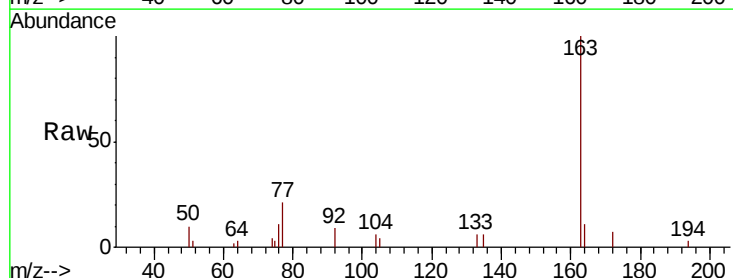
Instrument :
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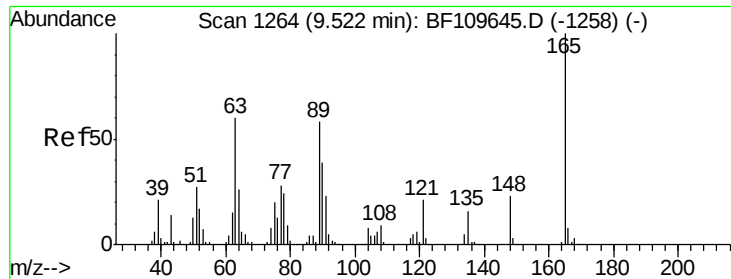
Tgt Ion:172 Resp: 798079
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.1 19.7 29.5



#49
 Dimethylphthalate
 Concen: 2.239 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF109812.D
 Acq: 12 Oct 2018 3:51

Tgt Ion:163 Resp: 16721
 Ion Ratio Lower Upper
 163 100
 194 3.0 3.2 4.8#
 164 11.2 8.1 12.1

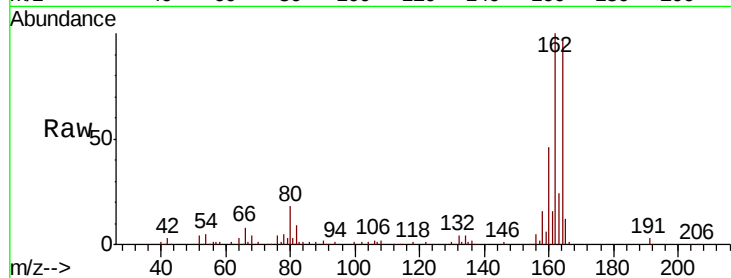




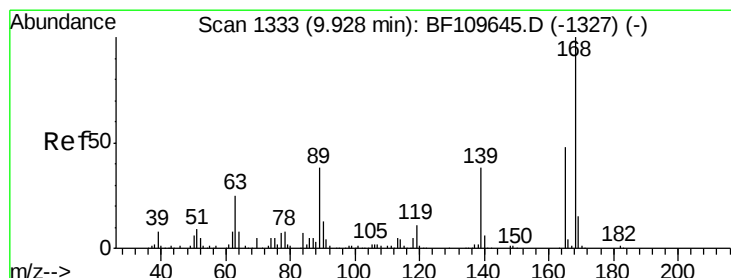
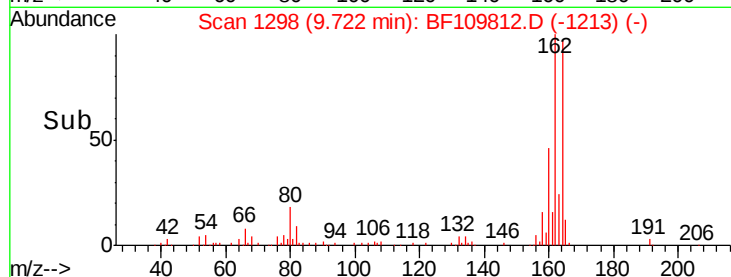
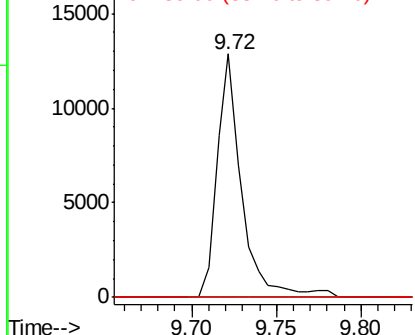
#50
2,6-Dinitrotoluene
Concen: 8.039 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109812.D
Acq: 12 Oct 2018 3:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



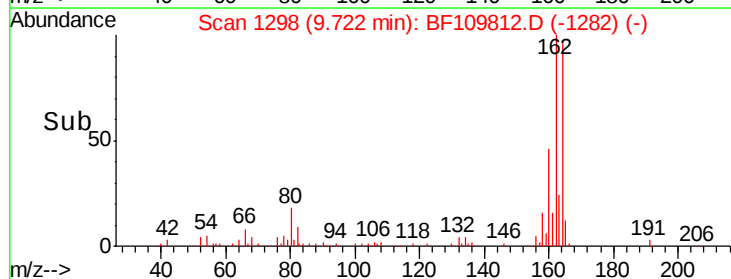
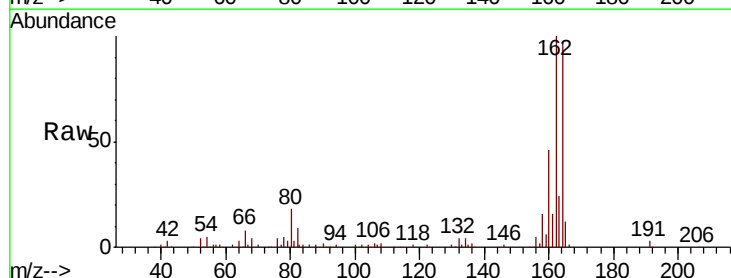
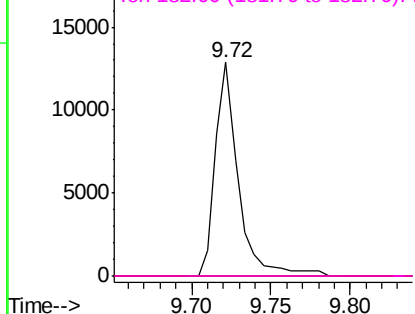
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

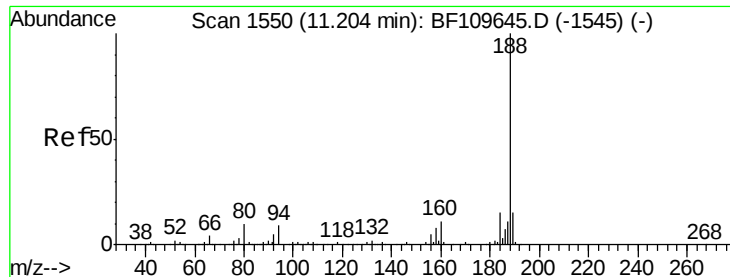


#56
2,4-Dinitrotoluene
Concen: 6.442 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109812.D
Acq: 12 Oct 2018 3:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	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

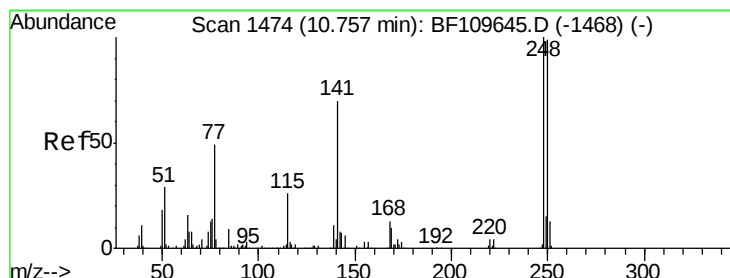
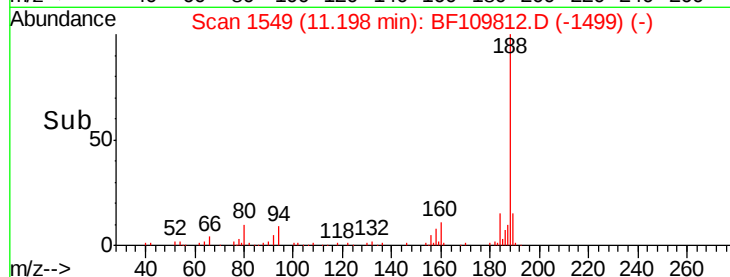
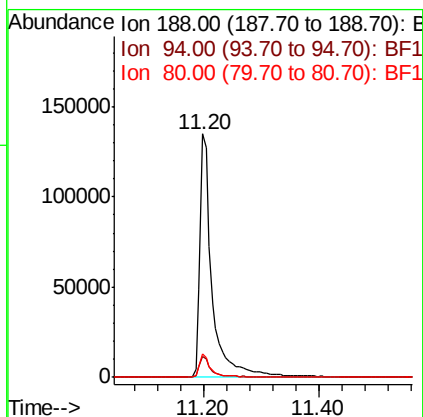
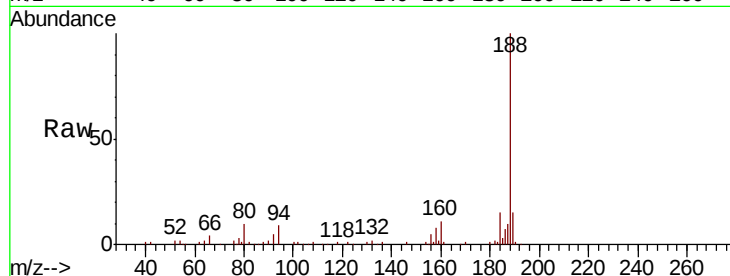




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109812.D
Acq: 12 Oct 2018 3:51

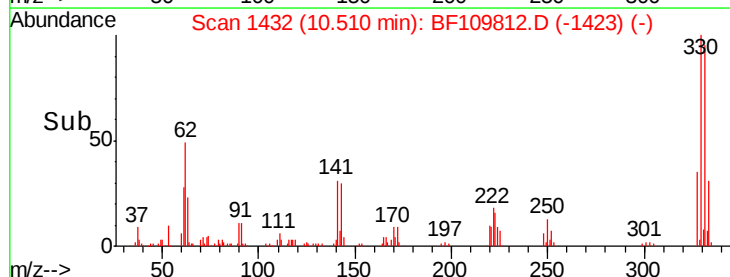
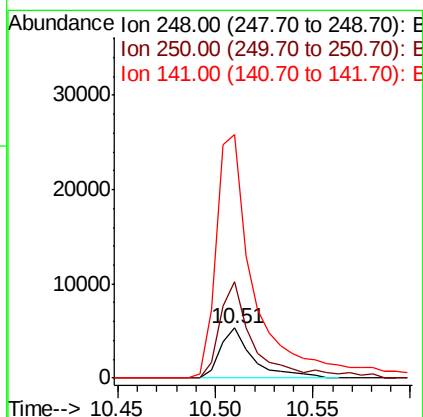
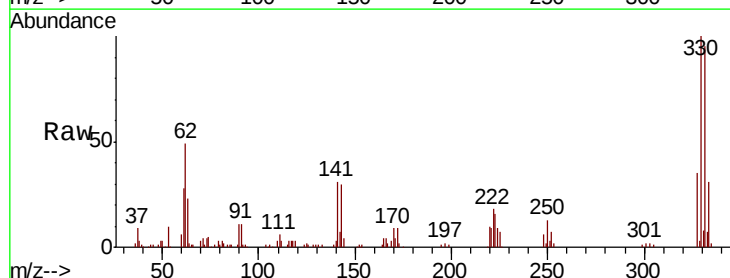
Instrument :
BNA_F
ClientSampleId :

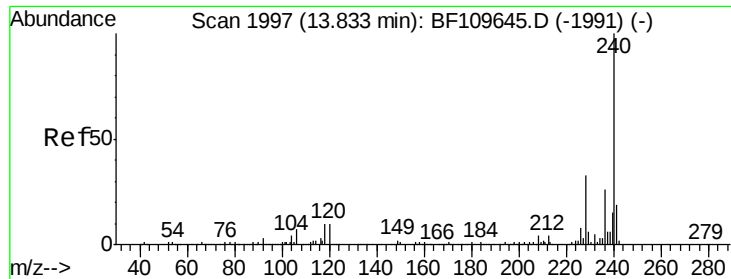
Tgt Ion:188 Resp: 202180
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.6 7.9 11.9



#66
4-Bromophenyl-phenylether
Concen: 2.662 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109812.D
Acq: 12 Oct 2018 3:51

Tgt Ion:248 Resp: 6184
Ion Ratio Lower Upper
248 100
250 193.5 79.4 119.2#
141 485.4 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: BF109812.D

Acq: 12 Oct 2018 3:51

Instrument :

BNA_F

ClientSampleId :

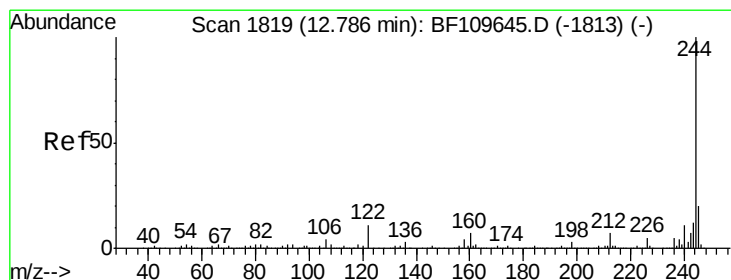
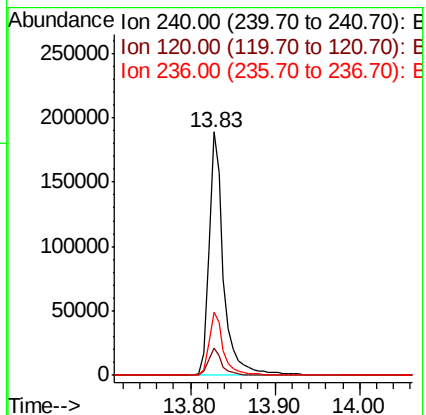
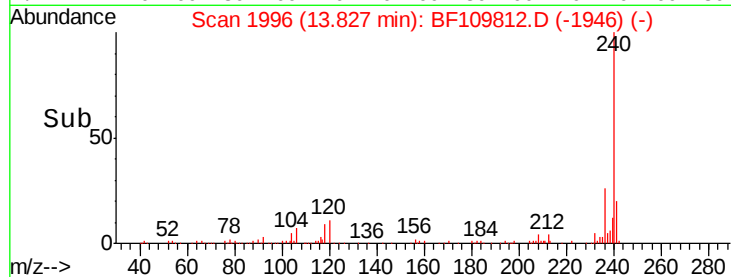
Tgt Ion:240 Resp: 228304

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

236 26.1 21.2 31.8



#78

Terphenyl-d14

Concen: 72.586 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109812.D

Acq: 12 Oct 2018 3:51

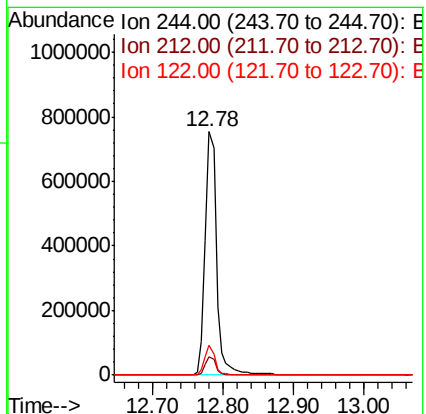
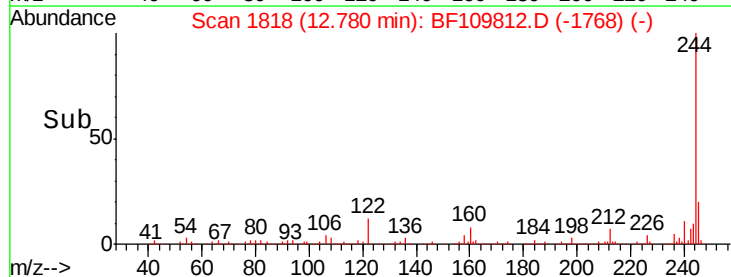
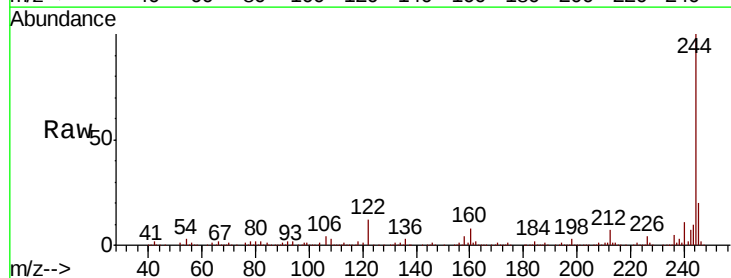
Tgt Ion:244 Resp: 856047

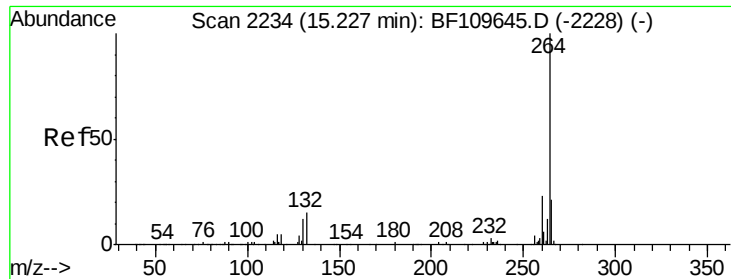
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 12.2 8.7 13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109812.D
Acq: 12 Oct 2018 3:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.3	16.7	25.1

