

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
 Data File : BF112949.D
 Acq On : 8 Mar 2019 17:28
 Operator : JU/SJ
 Sample : K1761-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 22:09:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

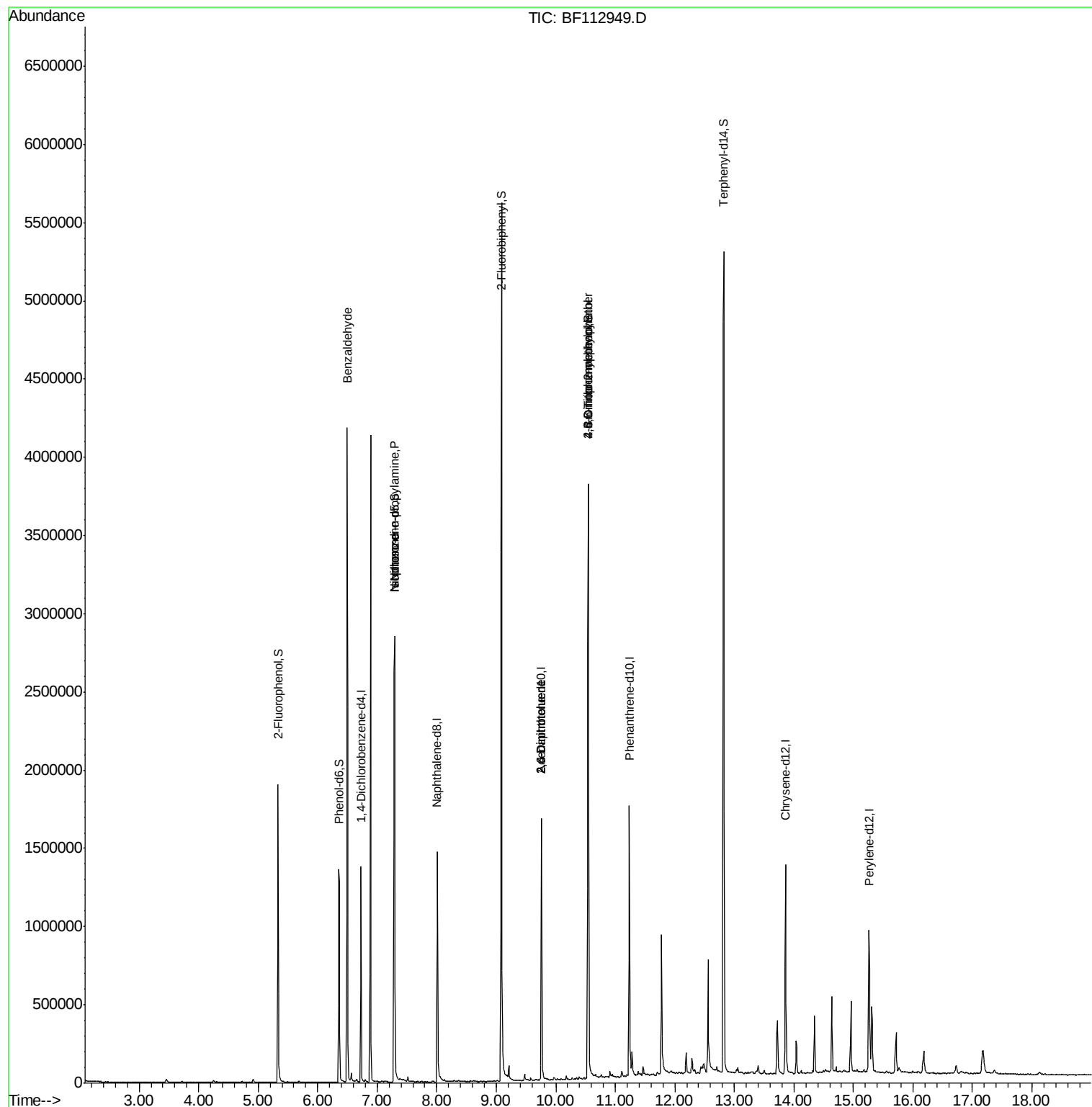
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	193471	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	754698	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	367620	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	751907	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	534515	20.00	ng	-0.02
87) Perylene-d12	15.26	264	483856	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	601446	48.36	ng	0.00
7) Phenol-d6	6.36	99	482348	30.87	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1069072	84.76	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	566219	145.08	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1981225	90.98	ng	-0.01
79) Terphenyl-d14	12.82	244	2077143	75.33	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	25076	2.228	ng	# 72
19) n-Nitroso-di-n-propylamine	7.29	70	140098	14.158	ng	# 76
25) Isophorone	7.29	82	1054778	38.819	ng	# 66
51) 2,6-Dinitrotoluene	9.76	165	45987	8.147	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	46369	6.609	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	1101	4.935	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	31728	4.006	ng	# 1

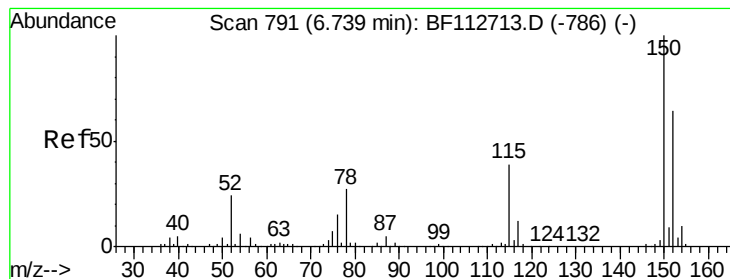
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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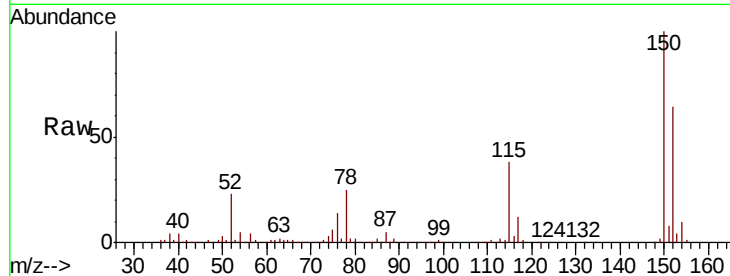


#1

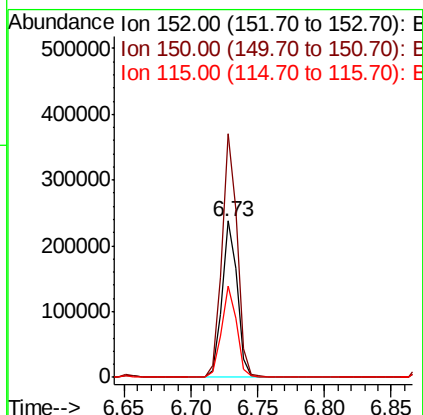
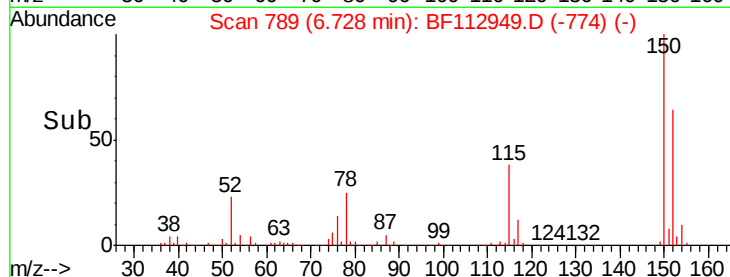
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112949.D
Acq: 8 Mar 2019 17:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 193471
Ion Ratio Lower Upper
152 100
150 156.0 124.2 186.2
115 58.8 48.2 72.4



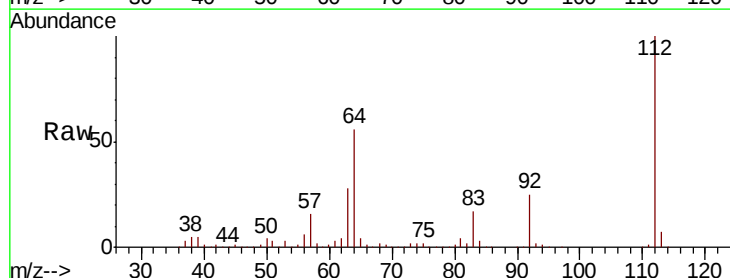
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



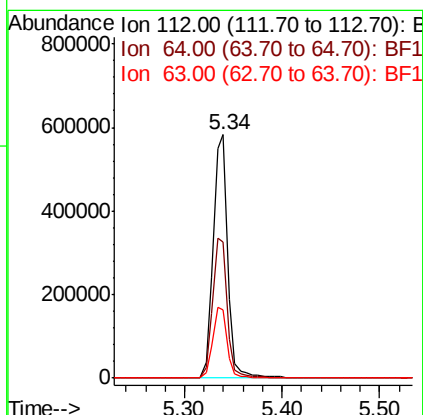
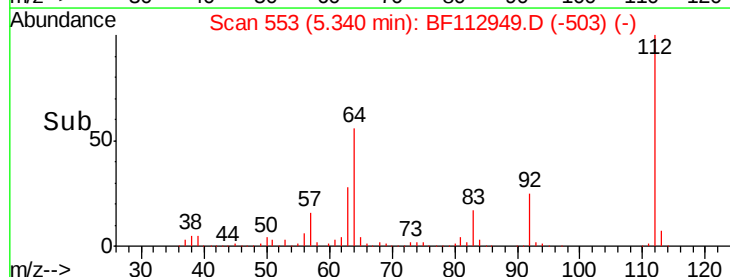
#5

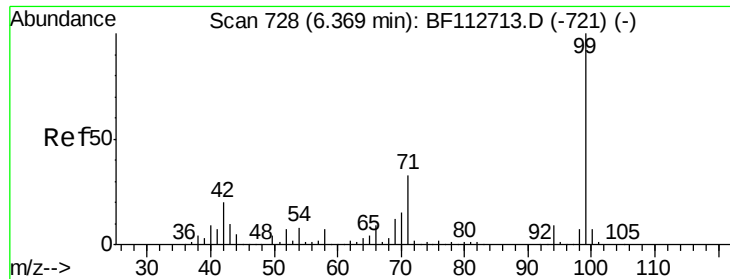
2-Fluorophenol
Concen: 48.357 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112949.D
Acq: 8 Mar 2019 17:28

Tgt Ion:112 Resp: 601446
Ion Ratio Lower Upper
112 100
64 55.6 47.6 71.4
63 28.1 24.4 36.6



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: 30.873 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF112949.D

Acq: 8 Mar 2019 17:28

Instrument :

BNA_F

ClientSampleId :

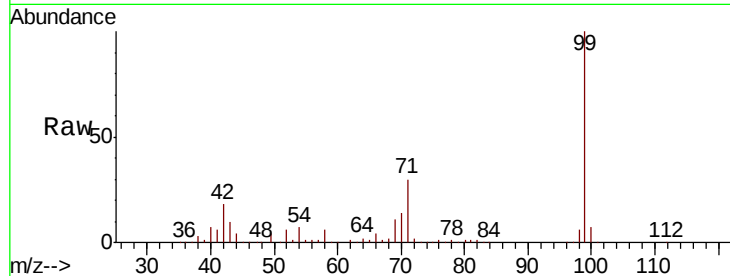
Tot Ion: 99 Resp: 482348

Ion Ratio Lower Upper

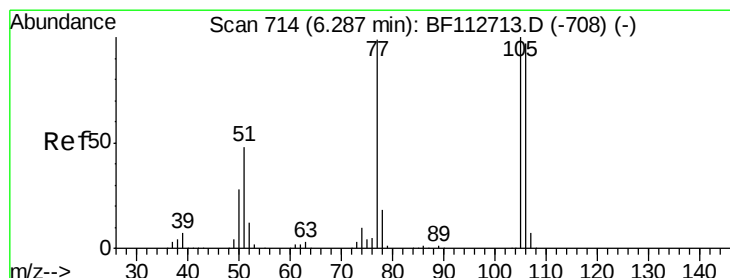
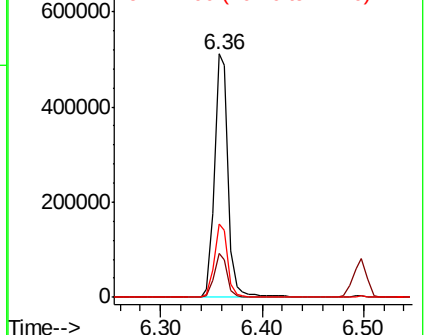
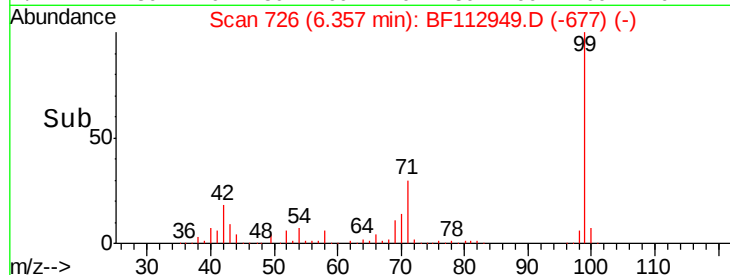
99 100

42 18.1 16.3 24.5

71 29.9 26.2 39.4



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: 2.228 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.21 min

Lab File: BF112949.D

Acq: 8 Mar 2019 17:28

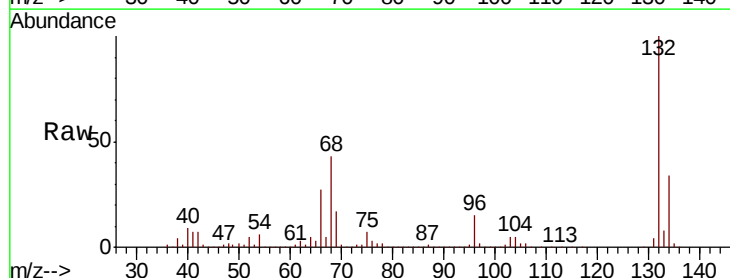
Tgt Ion: 77 Resp: 25076

Ion Ratio Lower Upper

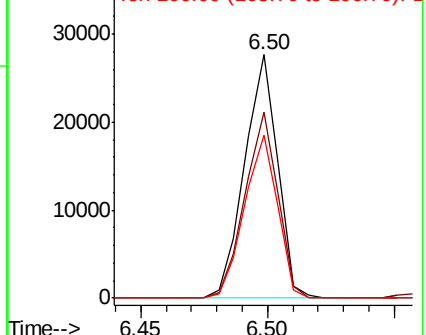
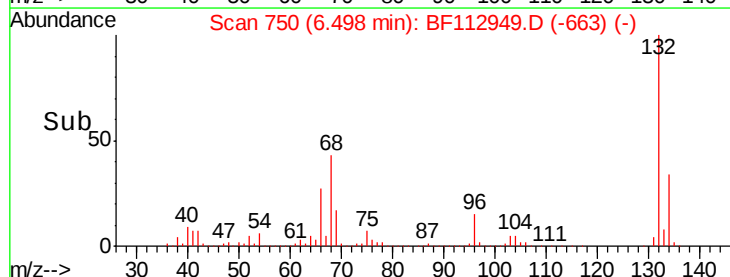
77 100

105 76.4 81.4 121.4#

106 67.1 78.3 118.3#



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

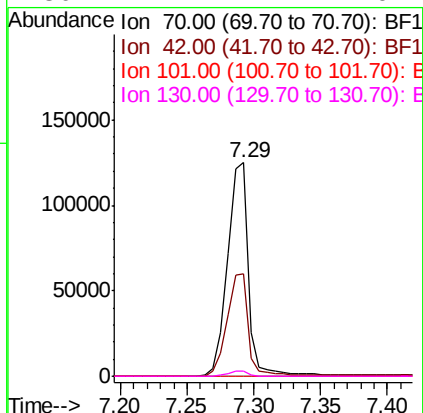
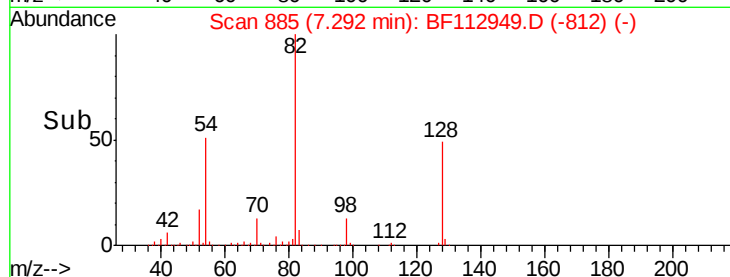
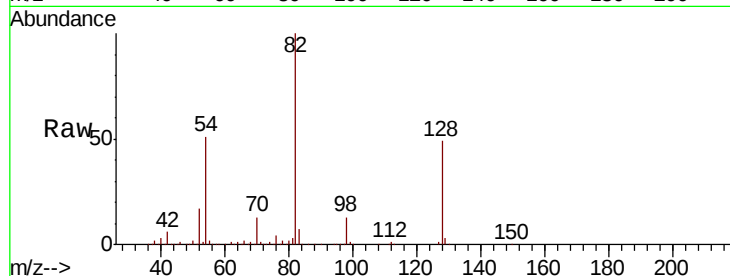




#19
n-Nitroso-di-n-propylamine
Concen: 14.158 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.13 min
Lab File: BF112949.D
Acq: 8 Mar 2019 17:28

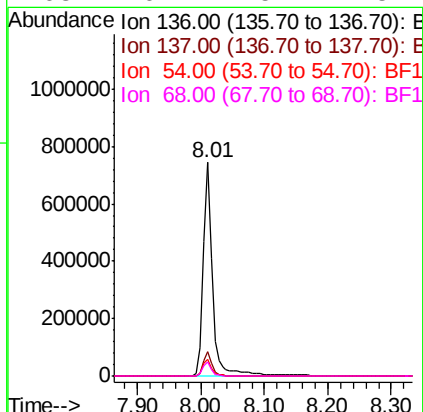
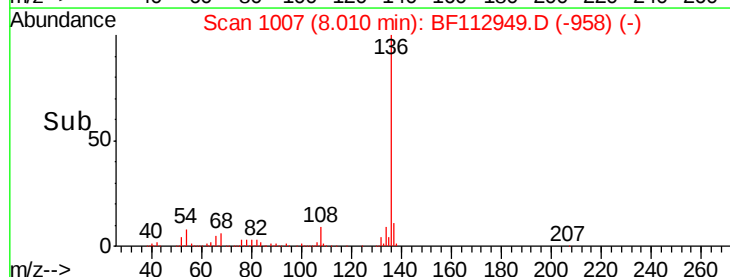
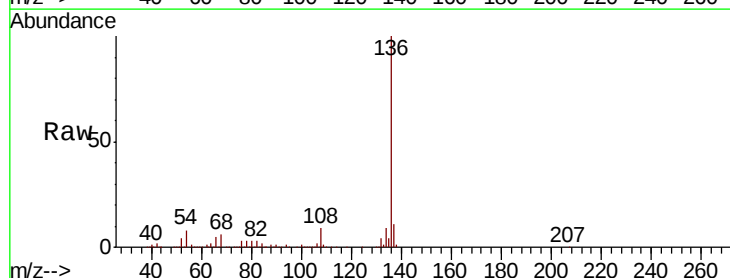
Instrument :
BNA_F
ClientSampleId :

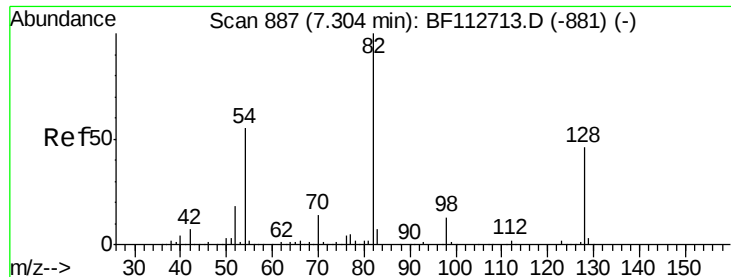
Tot Ion: 70 Resp: 140098
Ion Ratio Lower Upper
70 100
42 48.2 49.9 74.9#
101 0.0 7.4 11.2#
130 2.4 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112949.D
Acq: 8 Mar 2019 17:28

Tgt Ion:136 Resp: 754698
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.0 7.3 10.9
68 6.4 5.4 8.2

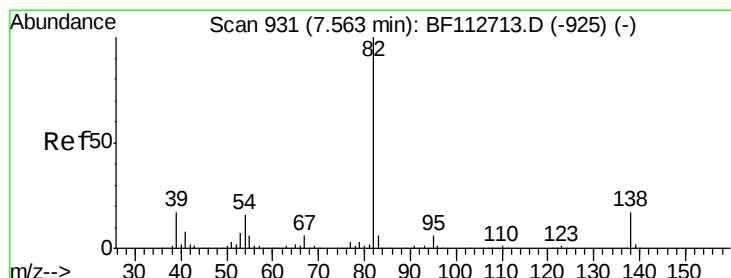
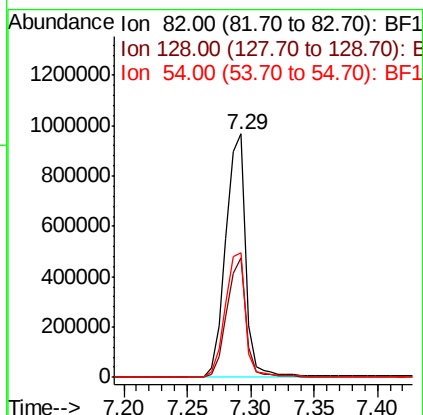
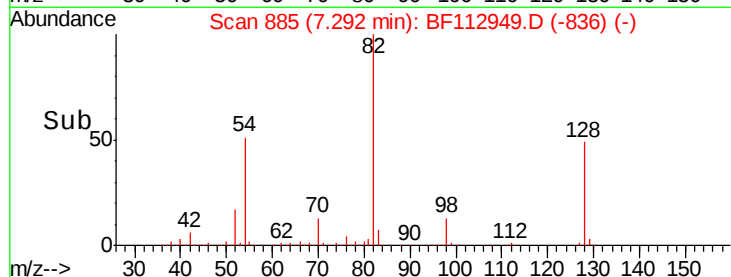
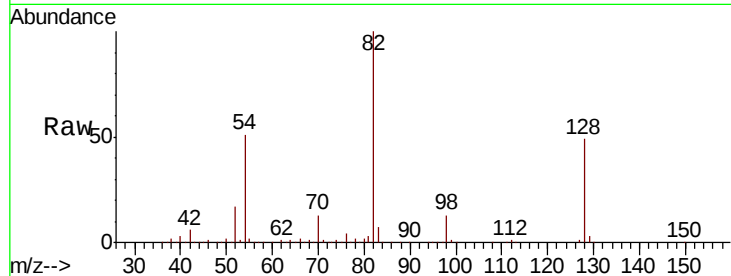




#23
 Nitrobenzene-d5
 Concen: 84.764 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF112949.D
 Acq: 8 Mar 2019 17:28

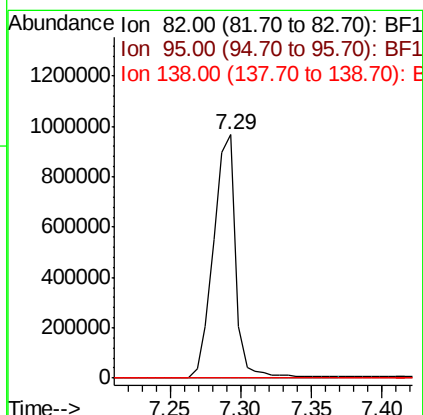
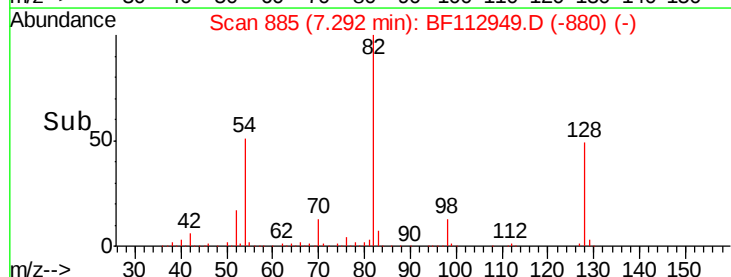
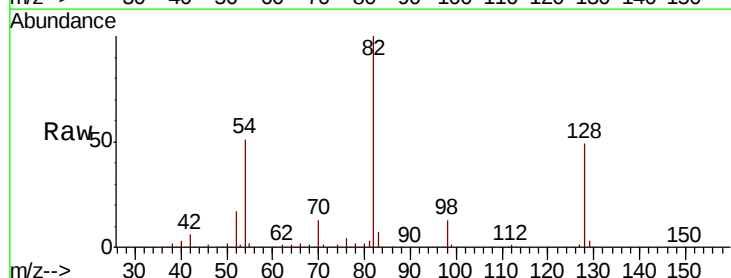
Instrument :
 BNA_F
 ClientSampleId :

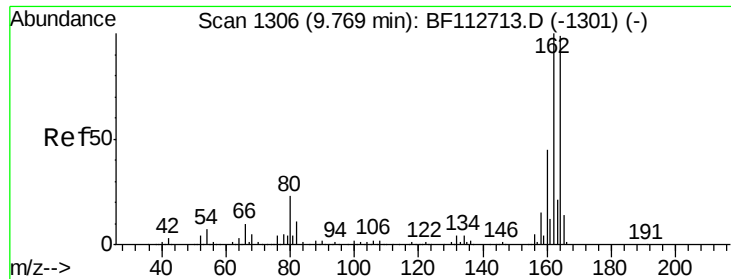
Tot Ion: 82 Resp: 1069072
 Ion Ratio Lower Upper
 82 100
 128 48.8 36.3 54.5
 54 51.3 43.7 65.5



#25
 Isophorone
 Concen: 38.819 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.27 min
 Lab File: BF112949.D
 Acq: 8 Mar 2019 17:28

Tgt Ion: 82 Resp: 1054778
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 13.8 20.8#

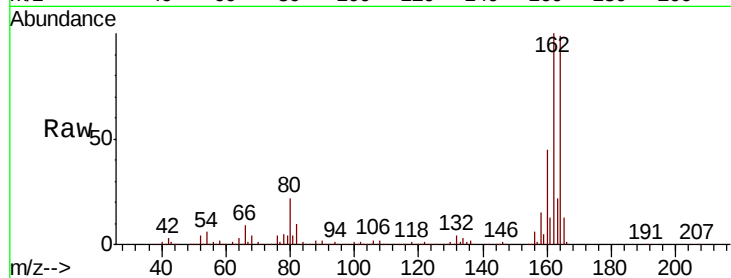




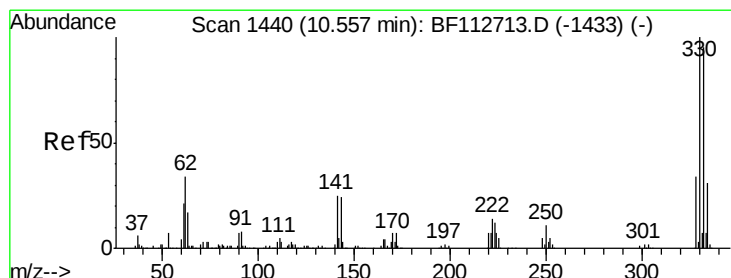
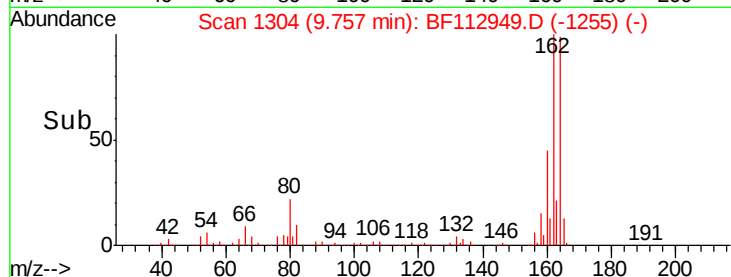
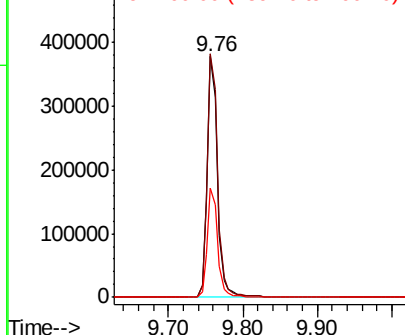
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112949.D
Acq: 8 Mar 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 367620
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 45.4 36.0 54.0

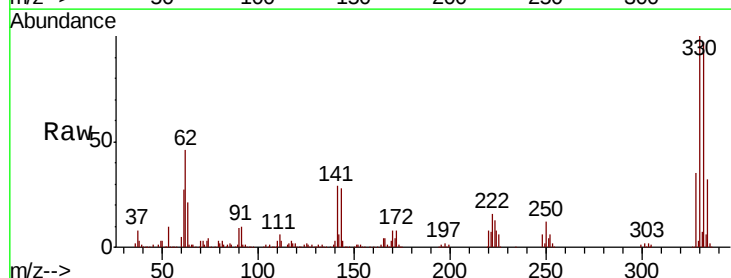


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

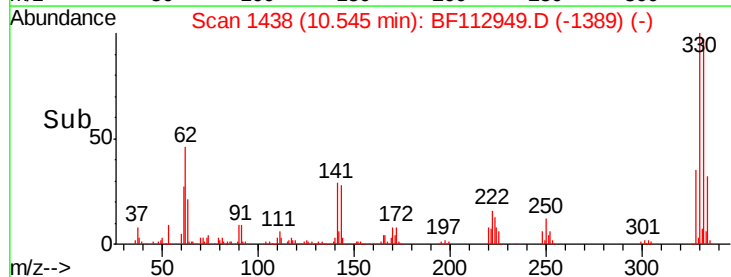
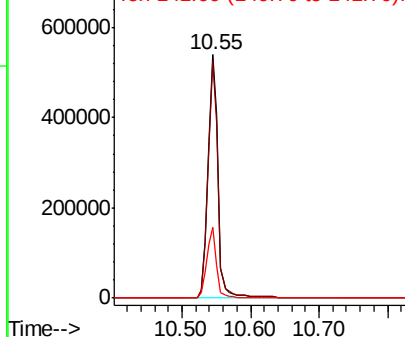


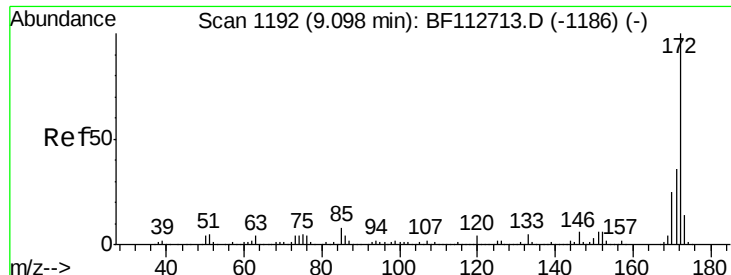
#42
2,4,6-Tribromophenol
Concen: 145.082 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112949.D
Acq: 8 Mar 2019 17:28

Tgt Ion:330 Resp: 566219
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 28.3 27.0 40.6



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

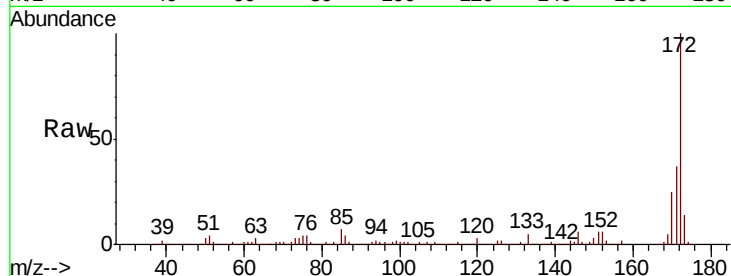




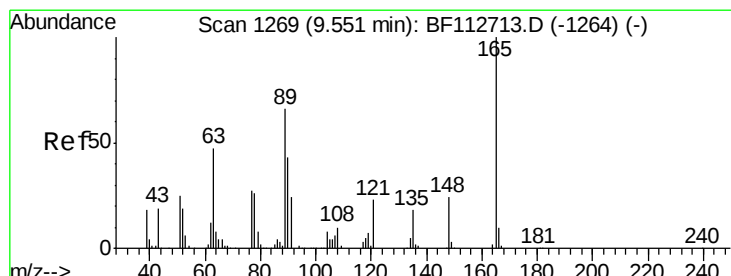
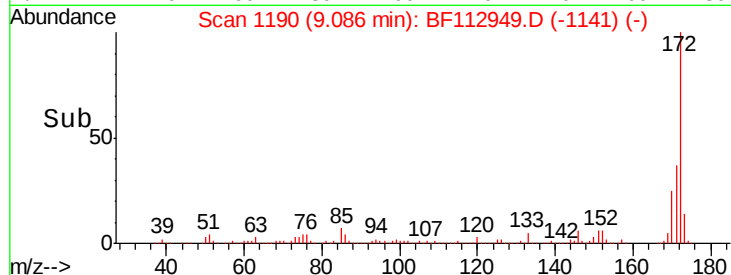
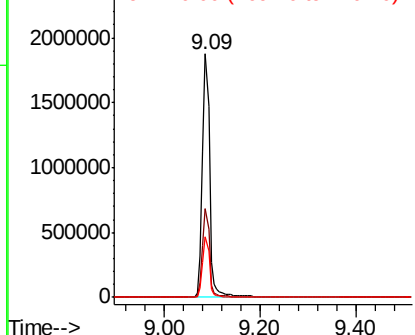
#45
 2-Fluorobiphenyl
 Concen: 90.982 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112949.D
 Acq: 8 Mar 2019 17:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1981225
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.4
 170 25.1 20.0 30.0

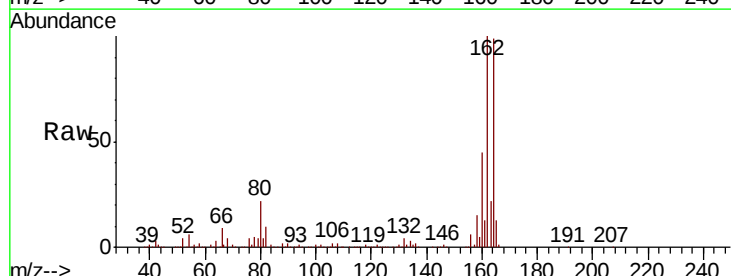


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

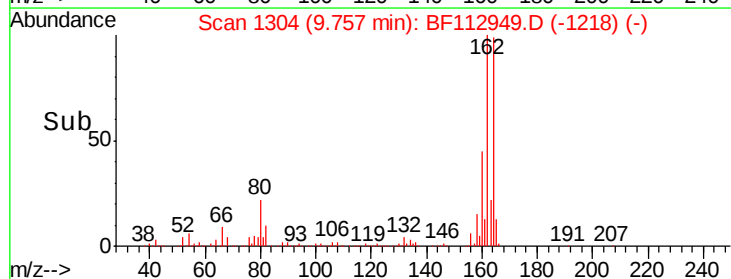
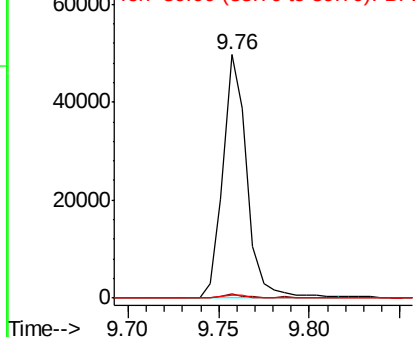


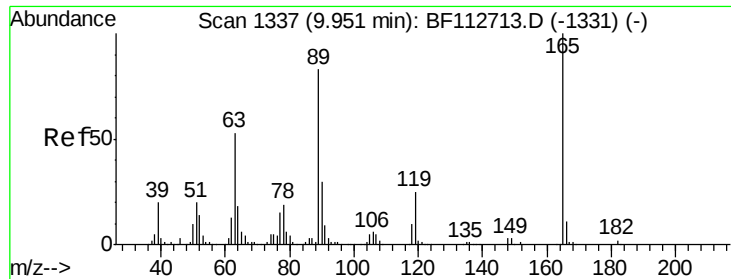
#51
 2,6-Dinitrotoluene
 Concen: 8.147 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF112949.D
 Acq: 8 Mar 2019 17:28

Tgt Ion:165 Resp: 45987
 Ion Ratio Lower Upper
 165 100
 63 1.5 54.1 81.1#
 89 1.3 52.8 79.2#



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

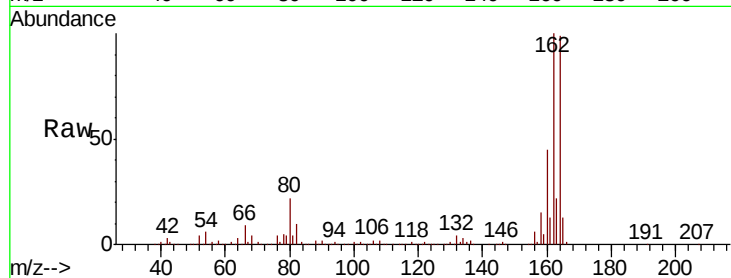




#57
 2,4-Dinitrotoluene
 Concen: 6.609 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF112949.D
 Acq: 8 Mar 2019 17:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.2	63.2#
89	1.3	66.2	99.4#
182	0.0	1.8	2.6#

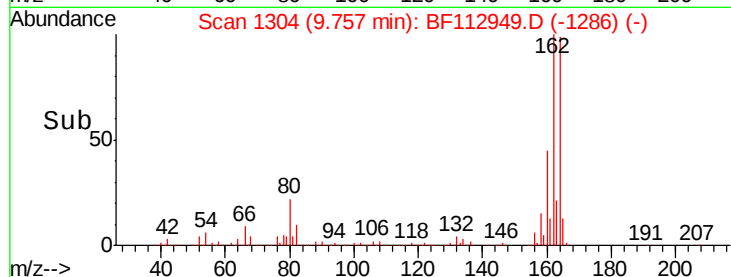
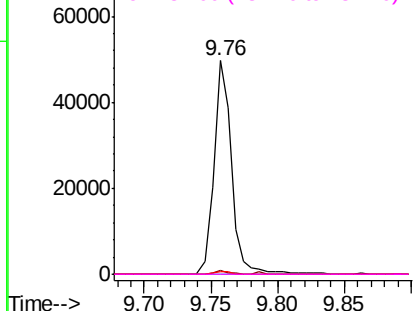


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

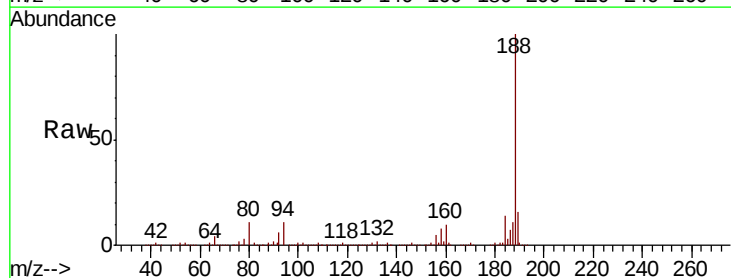
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF112949.D
 Acq: 8 Mar 2019 17:28

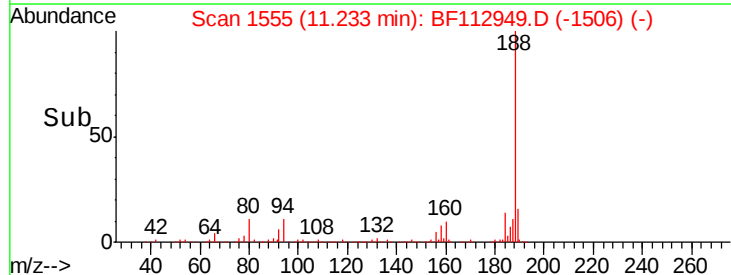
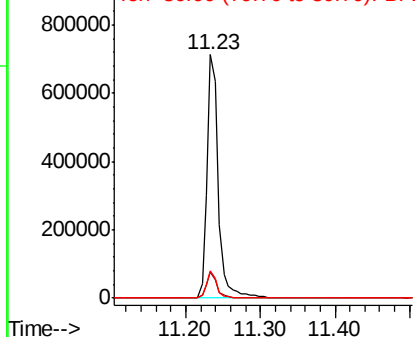
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.0	13.4
80	11.2	9.2	13.8

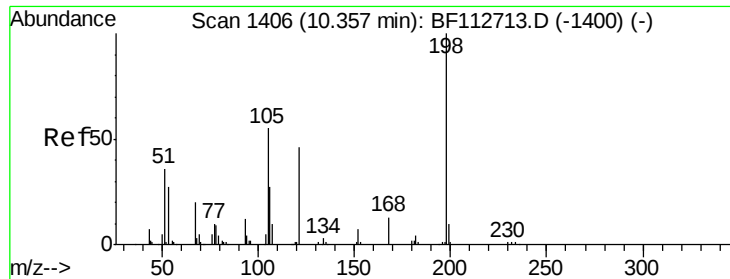


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

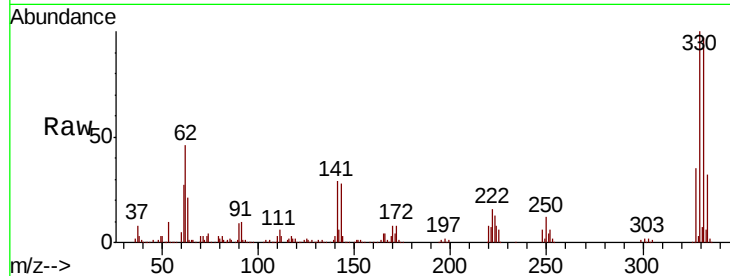




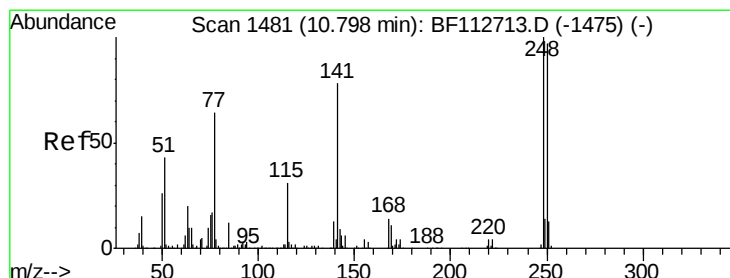
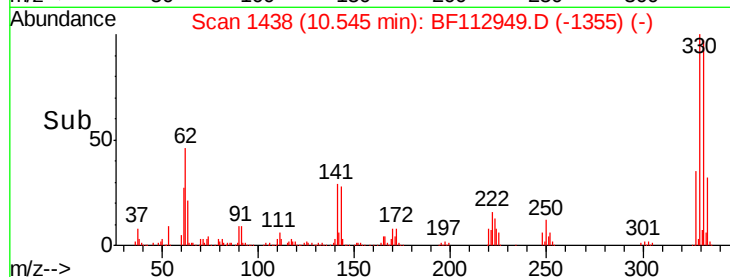
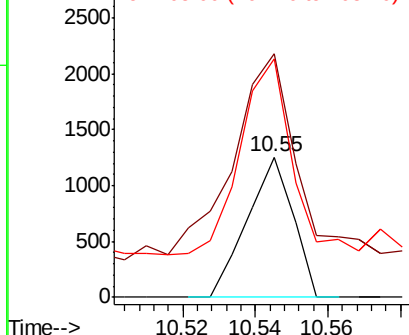
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.935 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112949.D
 Acq: 8 Mar 2019 17:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 1101
 Ion Ratio Lower Upper
 198 100
 51 173.5 43.8 83.8#
 105 169.6 36.5 76.5#

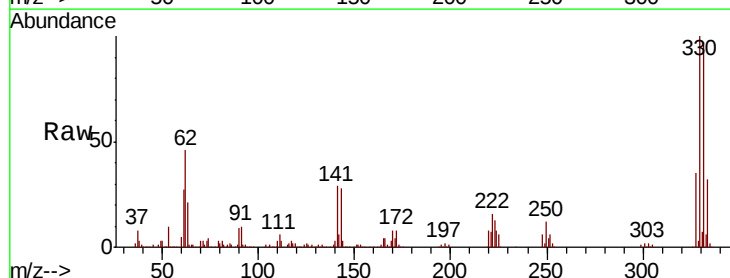


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

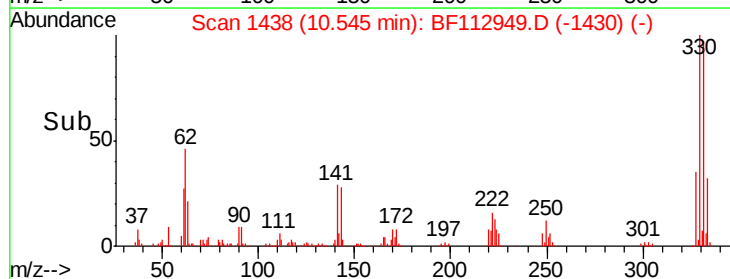
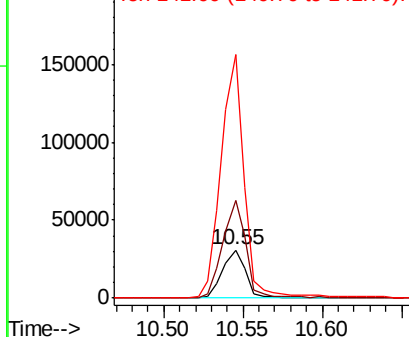


#67
 4-Bromophenyl-phenylether
 Concen: 4.006 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112949.D
 Acq: 8 Mar 2019 17:28

Tgt Ion:248 Resp: 31728
 Ion Ratio Lower Upper
 248 100
 250 205.1 77.5 116.3#
 141 509.7 62.4 93.6#



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

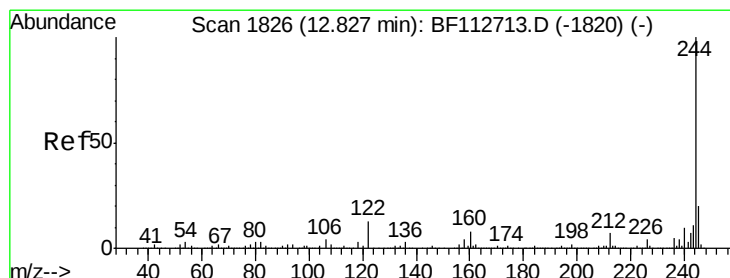
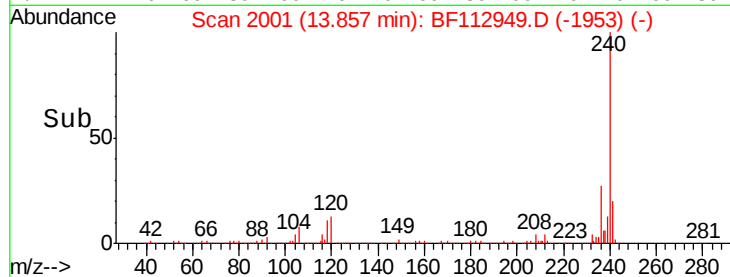
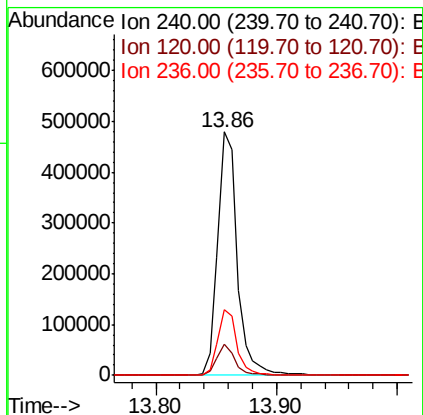
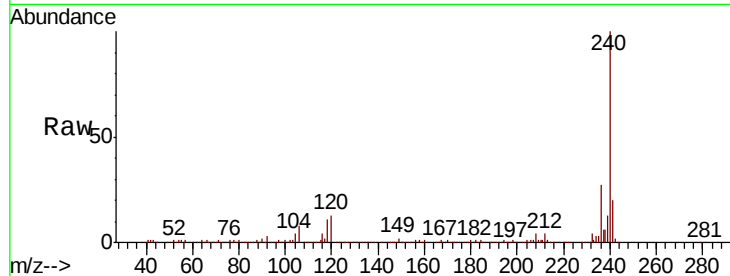




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF112949.D
 Acq: 8 Mar 2019 17:28

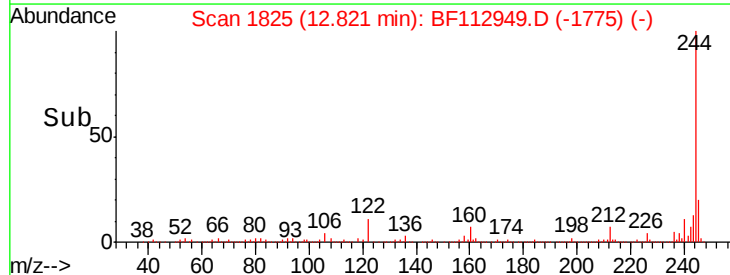
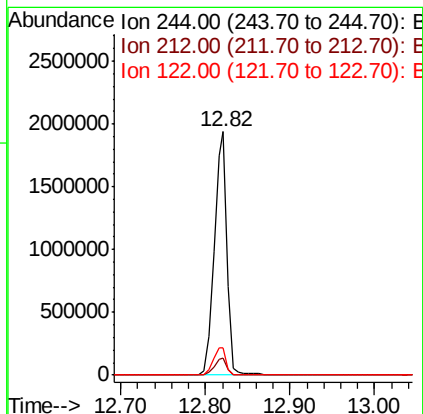
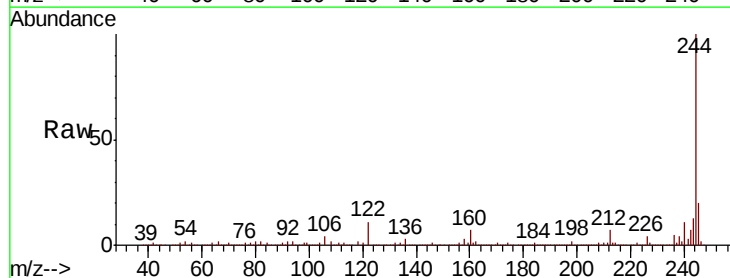
Instrument :
 BNA_F
 ClientSampleId :

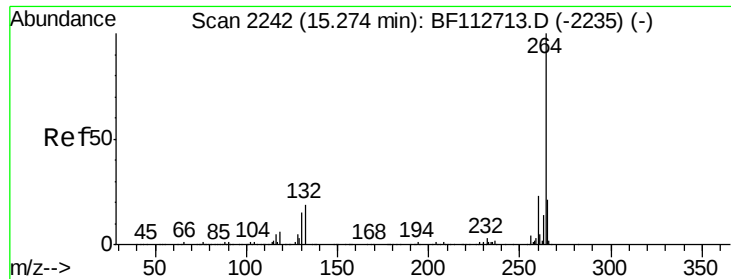
Tot Ion:240 Resp: 534515
 Ion Ratio Lower Upper
 240 100
 120 12.9 8.9 13.3
 236 26.9 20.7 31.1



#79
 Terphenyl-d14
 Concen: 75.331 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112949.D
 Acq: 8 Mar 2019 17:28

Tgt Ion:244 Resp: 2077143
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.2 10.5 15.7

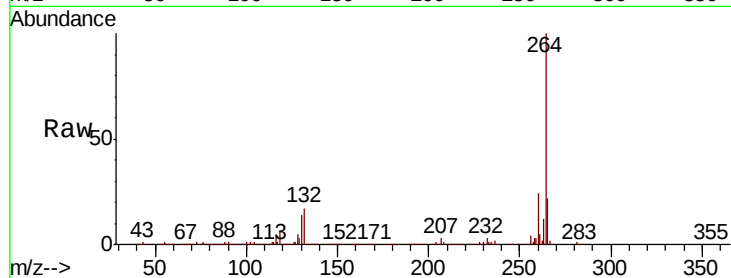




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF112949.D
 Acq: 8 Mar 2019 17:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.5	17.2	25.8



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

