

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112995.D
 Acq On : 12 Mar 2019 10:22
 Operator : JU/SJ
 Sample : K1817-16
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 12 12:00:31 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

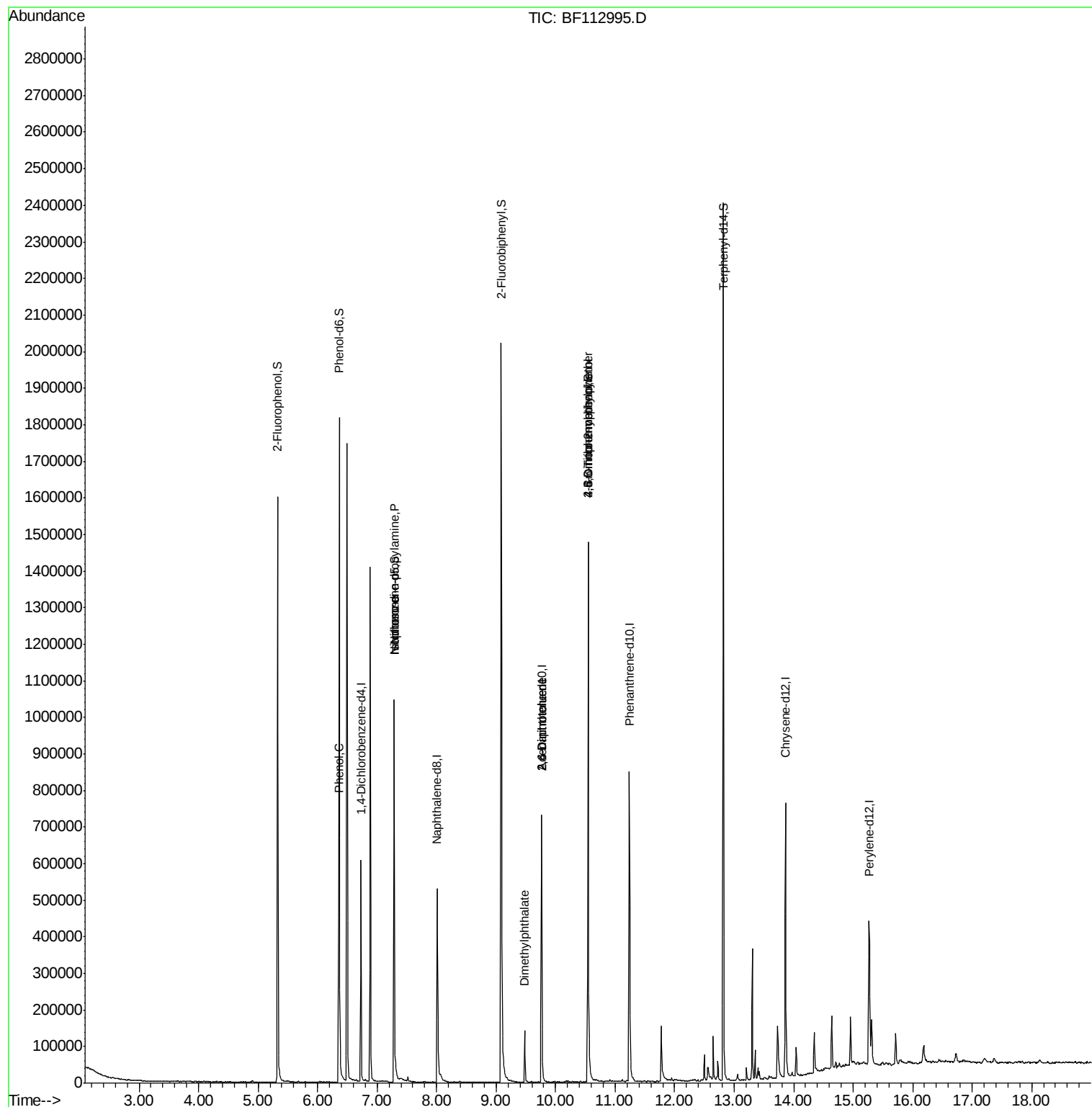
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	83042	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	326029	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	170231	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	381635	20.00	ng	0.00
76) Chrysene-d12	13.86	240	291729	20.00	ng	-0.01
87) Perylene-d12	15.27	264	219897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	459067	85.99	ng	-0.02
7) Phenol-d6	6.36	99	615001	91.71	ng	0.00
23) Nitrobenzene-d5	7.29	82	344200	63.17	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	220400	121.96	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	734164	67.73	ng	-0.01
79) Terphenyl-d14	12.82	244	849584	56.45	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	42558	5.438	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	43493	10.241	ng	# 75
25) Isophorone	7.29	82	344197	29.323	ng	# 66
50) Dimethylphthalate	9.48	163	67747	5.397	ng	98
51) 2,6-Dinitrotoluene	9.76	165	20795	7.956	ng	# 17
57) 2,4-Dinitrotoluene	9.76	165	20795	6.400	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	127	4.686	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	12135	3.019	ng	# 1

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

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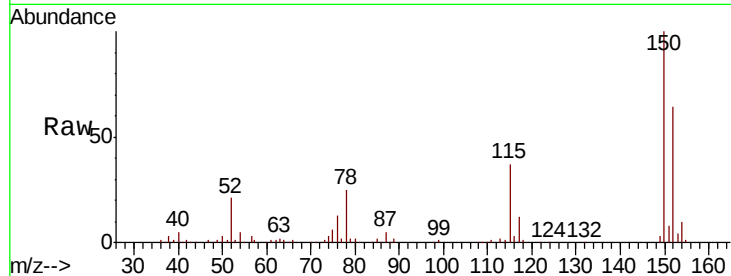


#1

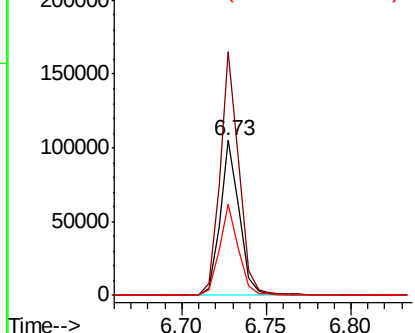
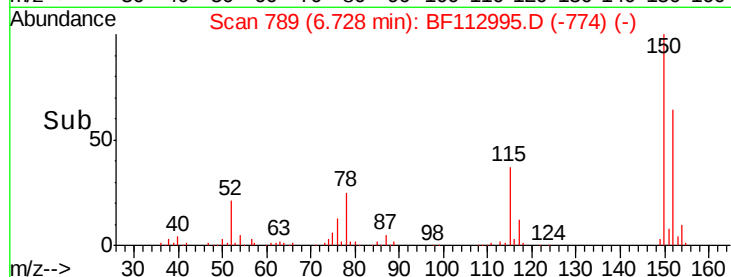
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112995.D
Acq: 12 Mar 2019 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83042
Ion Ratio Lower Upper
152 100
150 156.9 124.2 186.2
115 58.6 48.2 72.4



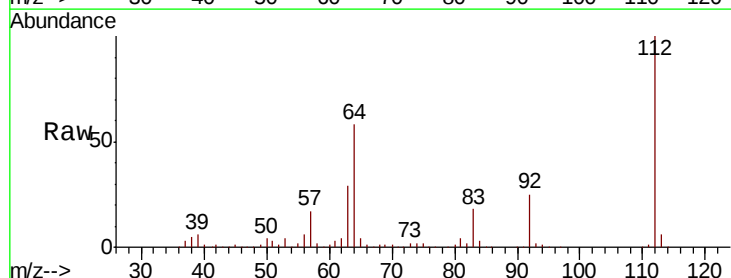
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



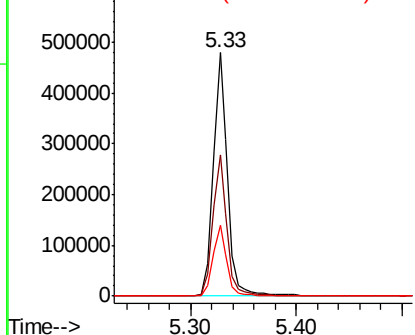
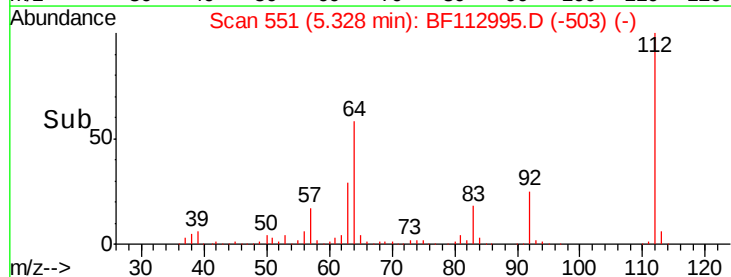
#5

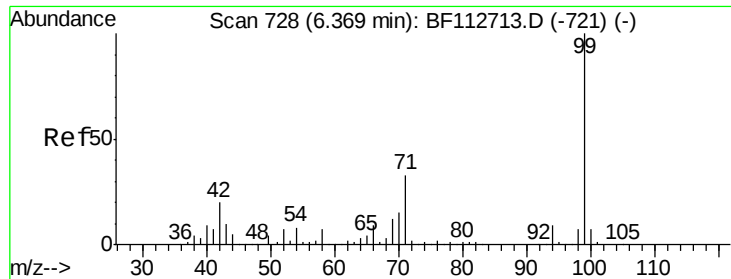
2-Fluorophenol
Concen: 85.993 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF112995.D
Acq: 12 Mar 2019 10:22

Tgt Ion:112 Resp: 459067
Ion Ratio Lower Upper
112 100
64 58.2 47.6 71.4
63 29.0 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: 91.709 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112995.D

Acq: 12 Mar 2019 10:22

Instrument :

BNA_F

ClientSampleId :

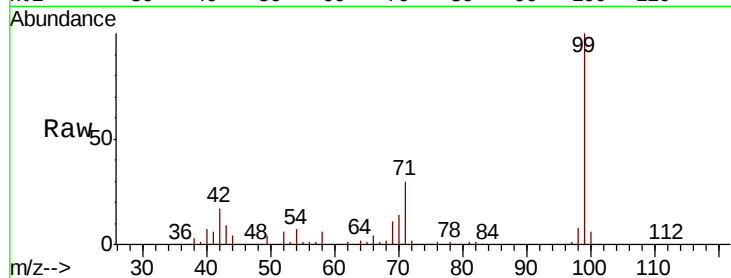
Tot Ion: 99 Resp: 615001

Ion Ratio Lower Upper

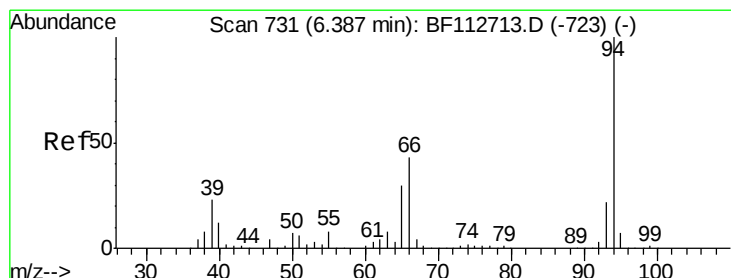
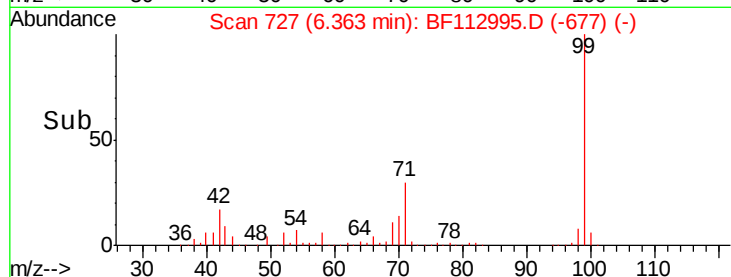
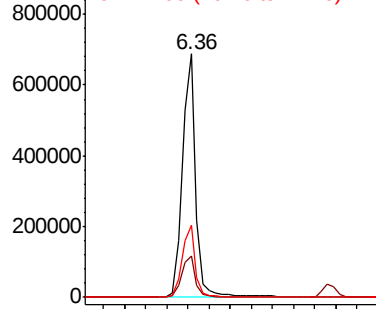
99 100

42 16.8 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



#10

Phenol

Concen: 5.438 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112995.D

Acq: 12 Mar 2019 10:22

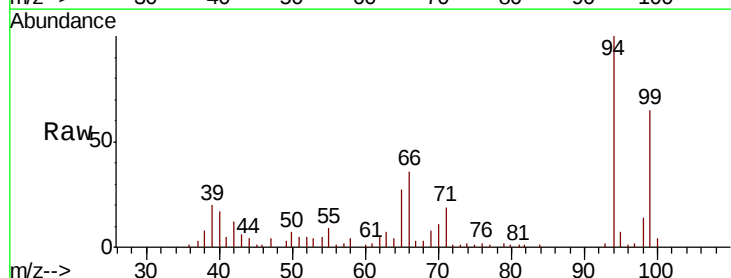
Tgt Ion: 94 Resp: 42558

Ion Ratio Lower Upper

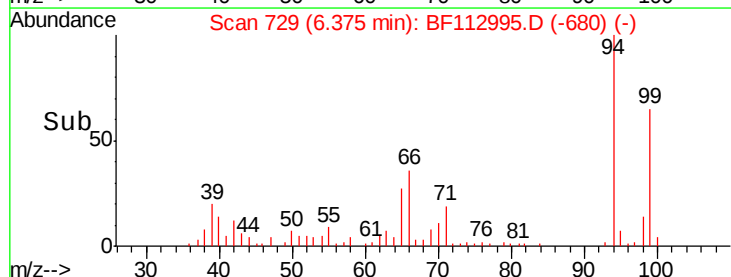
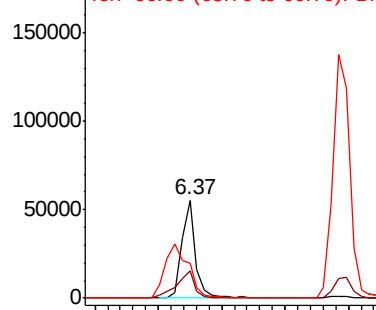
94 100

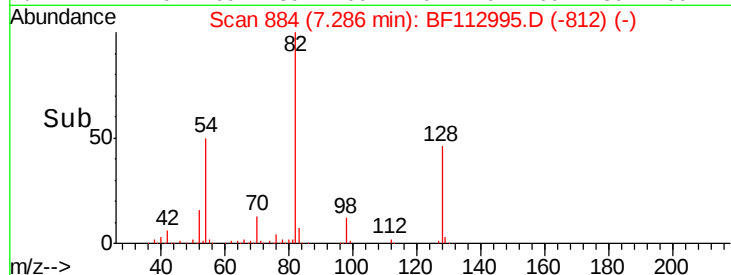
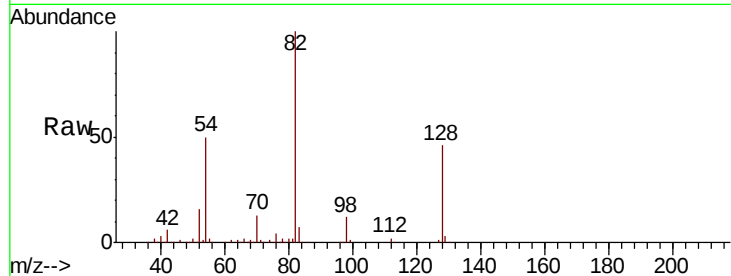
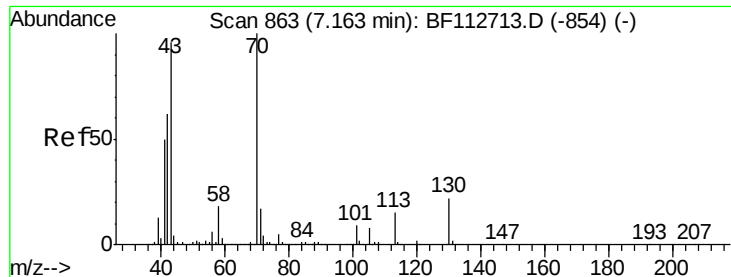
65 27.2 10.5 50.5

66 35.8 22.6 62.6



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

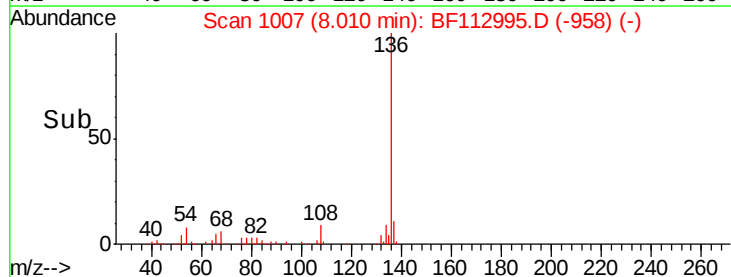
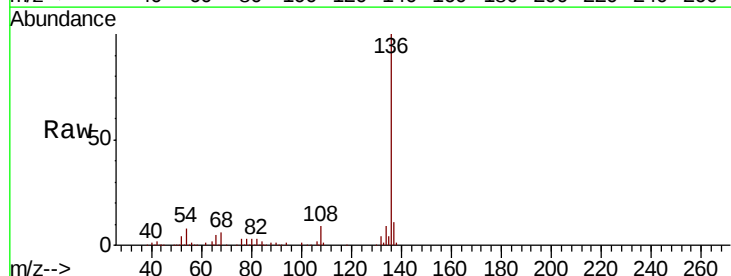
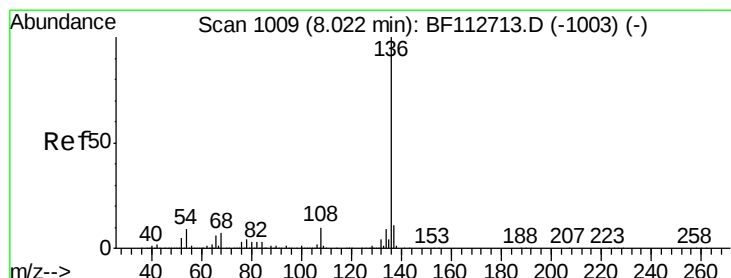
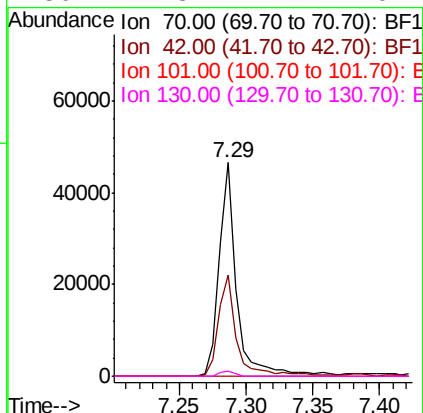




#19
n-Nitroso-di-n-propylamine
Concen: 10.241 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112995.D
Acq: 12 Mar 2019 10:22

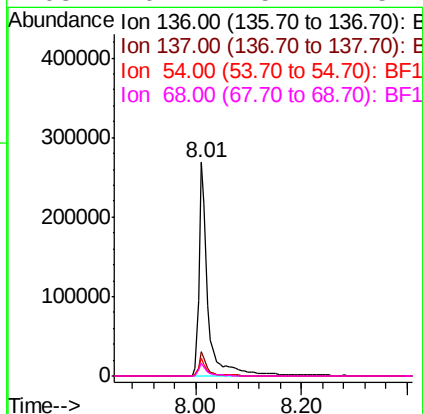
Instrument :
BNA_F
ClientSampleId :

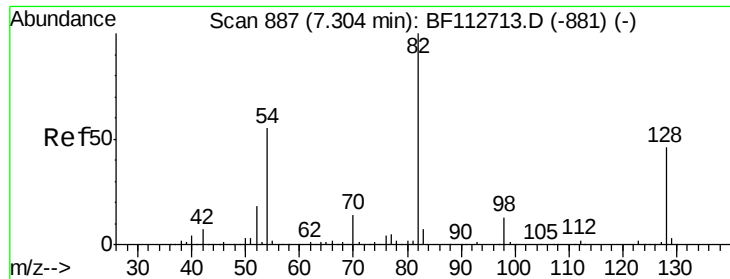
Tot Ion: 70 Resp: 43493
Ion Ratio Lower Upper
70 100
42 47.3 49.9 74.9#
101 0.0 7.4 11.2#
130 2.3 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112995.D
Acq: 12 Mar 2019 10:22

Tgt Ion: 136 Resp: 326029
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.1 7.3 10.9
68 6.1 5.4 8.2

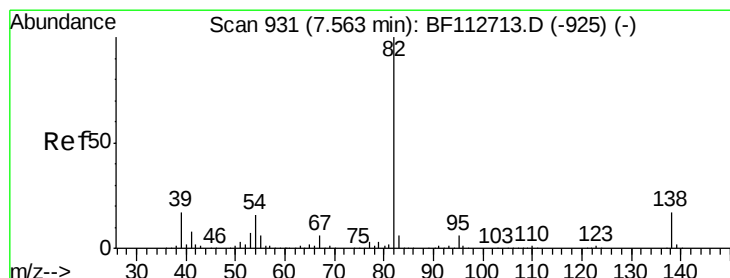
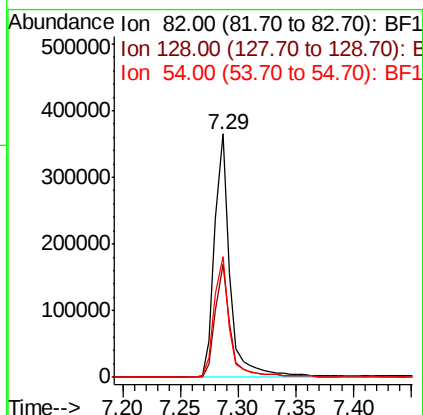
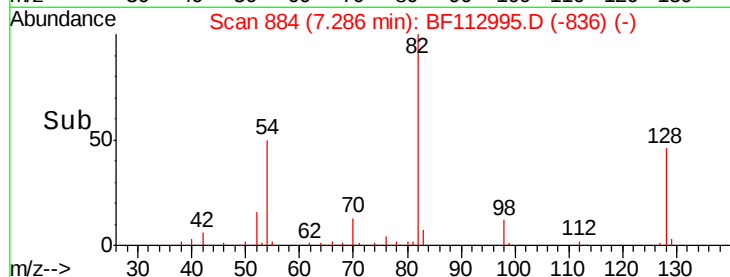
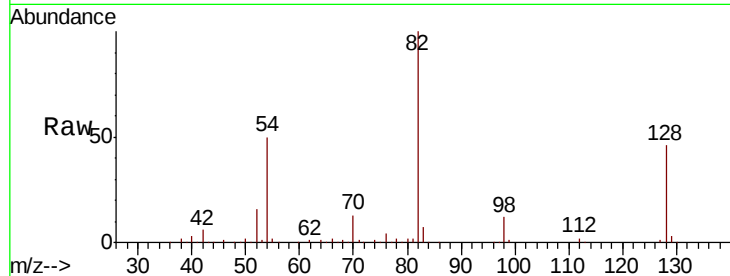




#23
 Nitrobenzene-d5
 Concen: 63.173 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF112995.D
 Acq: 12 Mar 2019 10:22

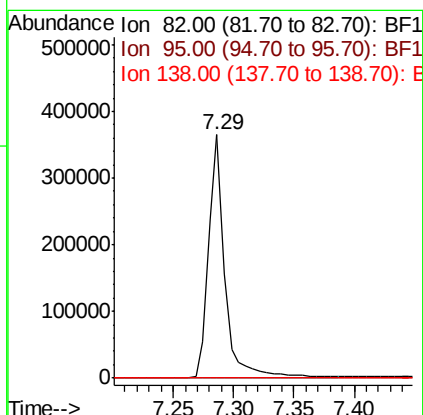
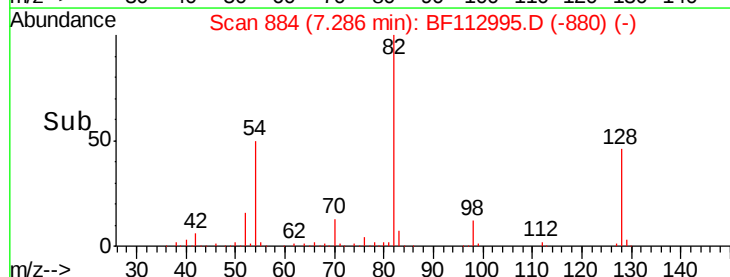
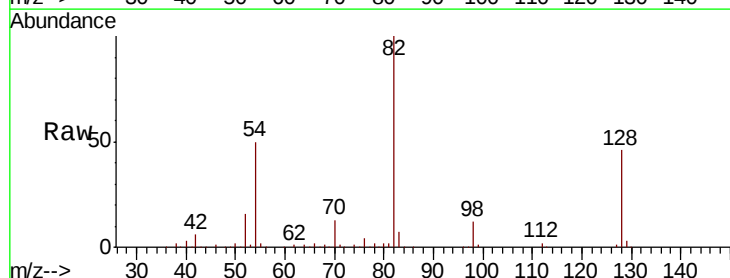
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	344200
Ion Ratio	Lower	Upper	
82	100		
128	46.2	36.3	54.5
54	49.8	43.7	65.5



#25
 Isophorone
 Concen: 29.323 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.28 min
 Lab File: BF112995.D
 Acq: 12 Mar 2019 10:22

Tgt Ion	82	Resp	344197
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#

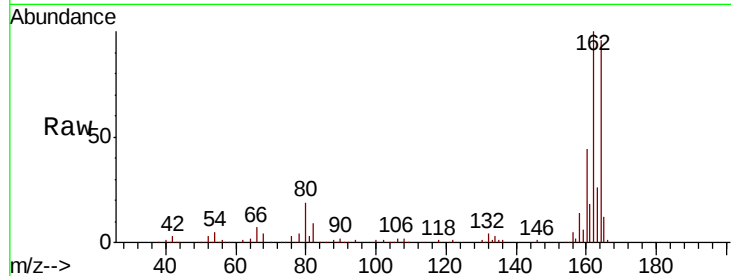




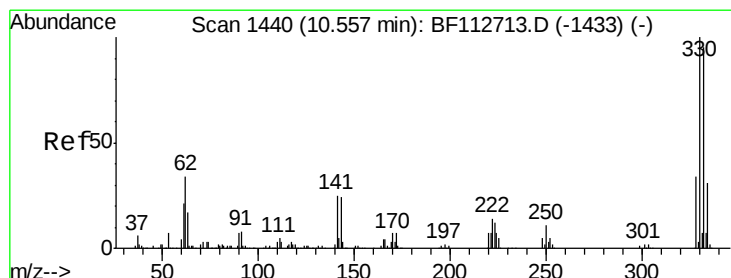
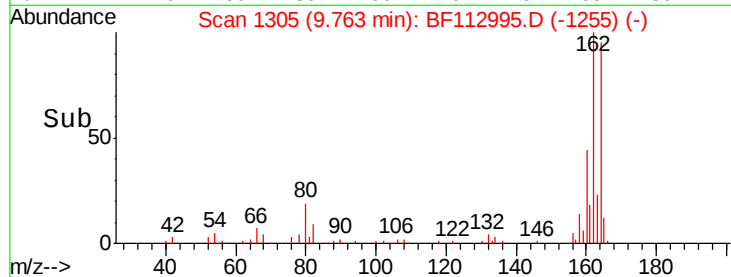
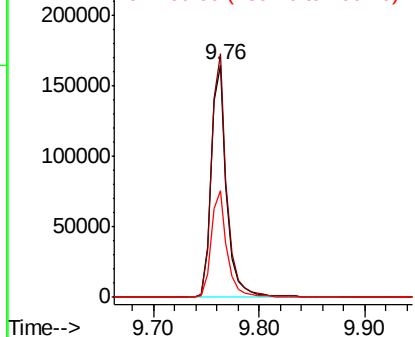
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112995.D
Acq: 12 Mar 2019 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 170231
Ion Ratio Lower Upper
164 100
162 104.7 80.6 120.8
160 46.0 36.0 54.0

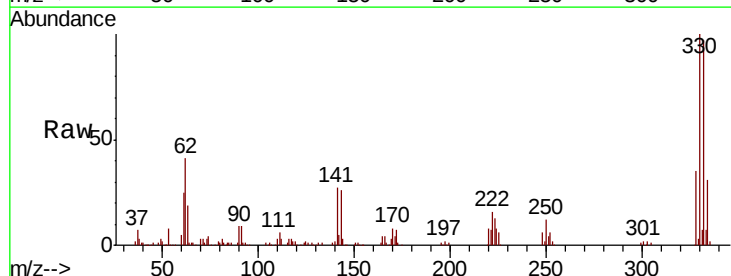


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

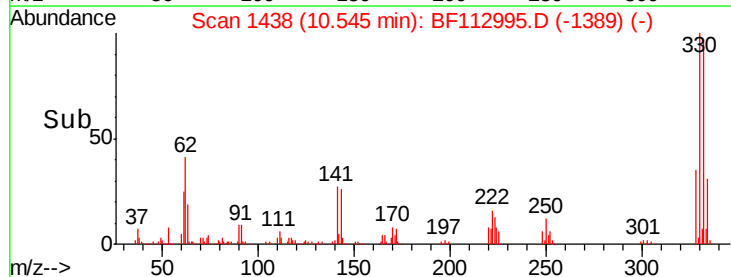
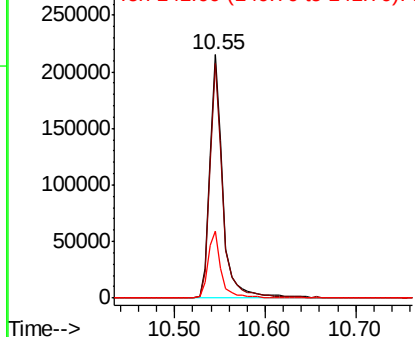


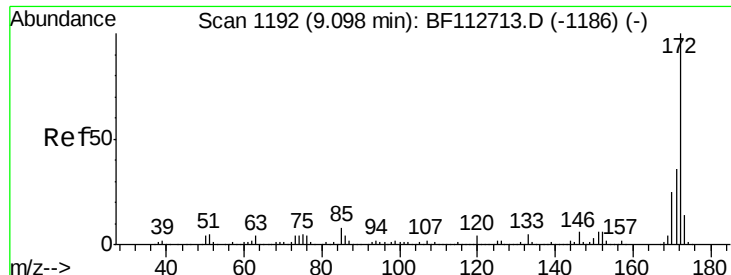
#42
2,4,6-Tribromophenol
Concen: 121.956 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112995.D
Acq: 12 Mar 2019 10:22

Tgt Ion:330 Resp: 220400
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 27.4 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

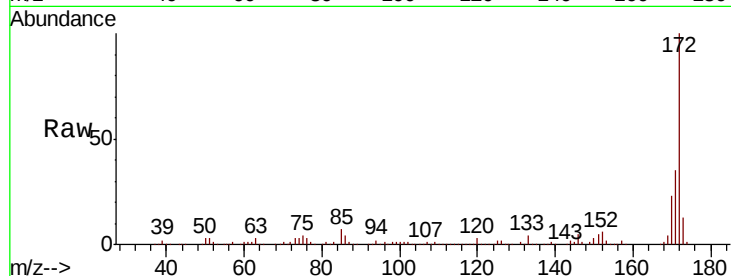




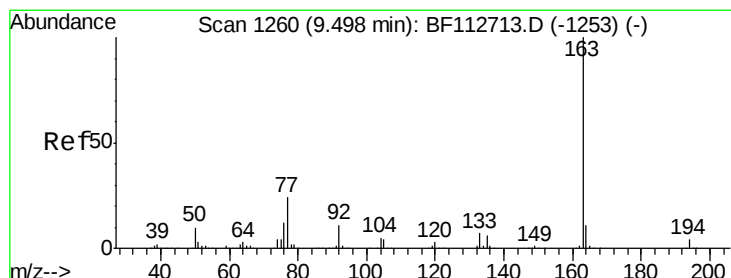
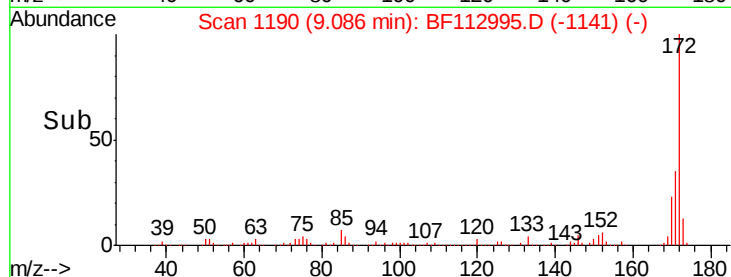
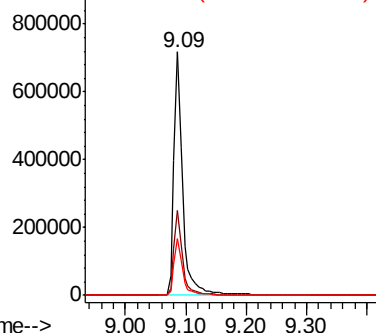
#45
2-Fluorobiphenyl
Concen: 67.728 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112995.D
Acq: 12 Mar 2019 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 734164
Ion Ratio Lower Upper
172 100
171 35.1 29.0 43.4
170 23.3 20.0 30.0

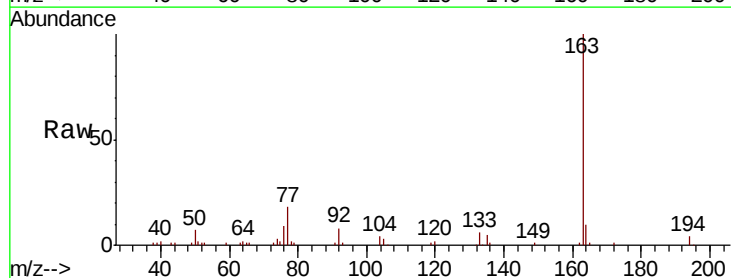


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

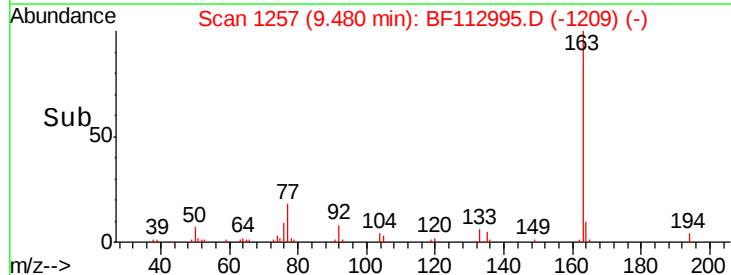
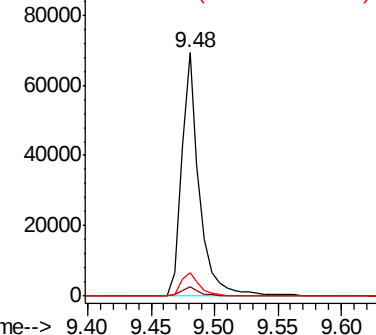


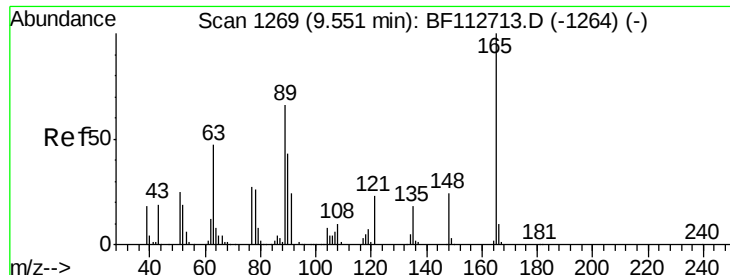
#50
Dimethylphthalate
Concen: 5.397 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112995.D
Acq: 12 Mar 2019 10:22

Tgt Ion:163 Resp: 67747
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.7 8.4 12.6



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

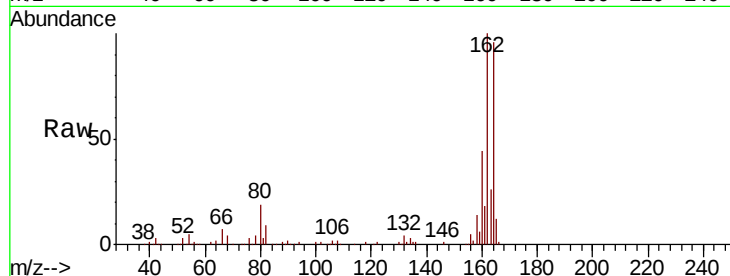




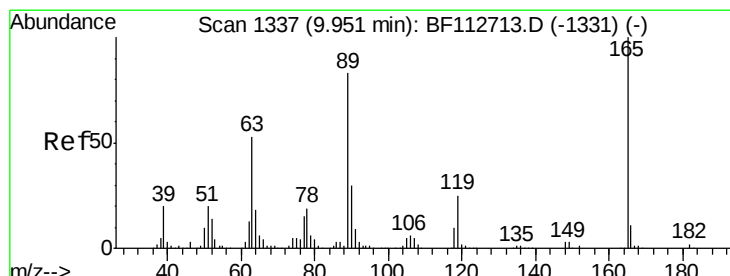
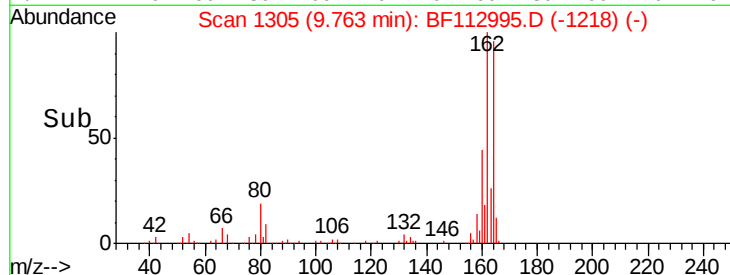
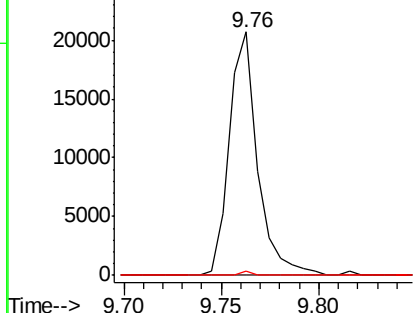
#51
 2,6-Dinitrotoluene
 Concen: 7.956 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.21 min
 Lab File: BF112995.D
 Acq: 12 Mar 2019 10:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	54.1	81.1#
89	1.5	52.8	79.2#



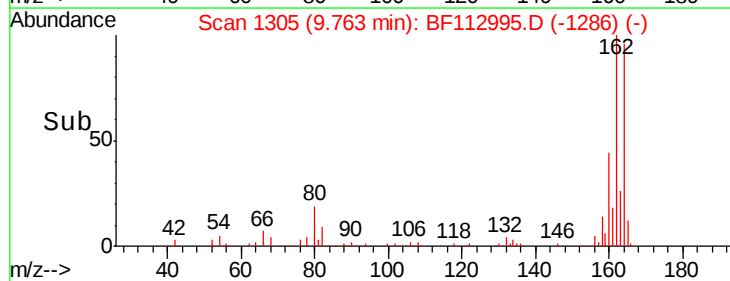
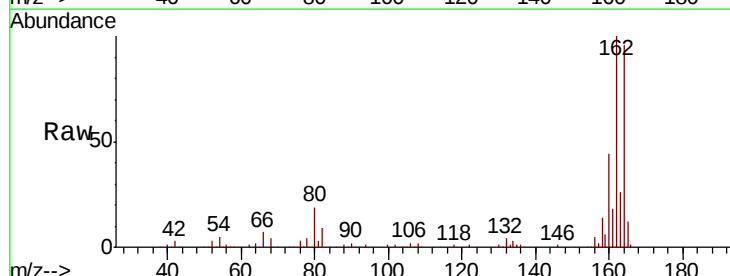
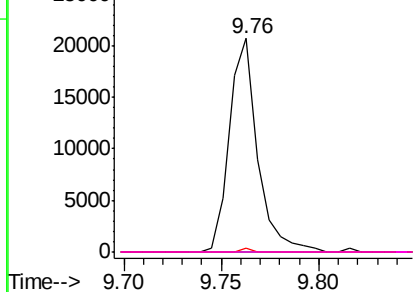
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

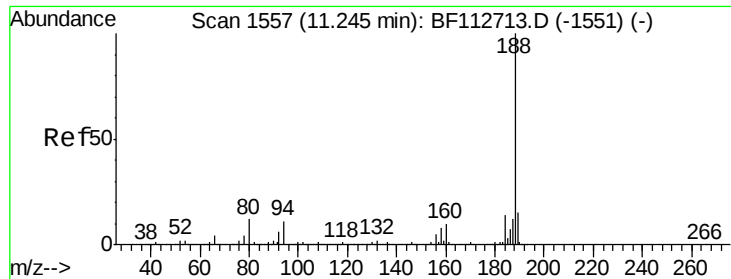


#57
 2,4-Dinitrotoluene
 Concen: 6.400 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF112995.D
 Acq: 12 Mar 2019 10:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.2	63.2#
89	1.5	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

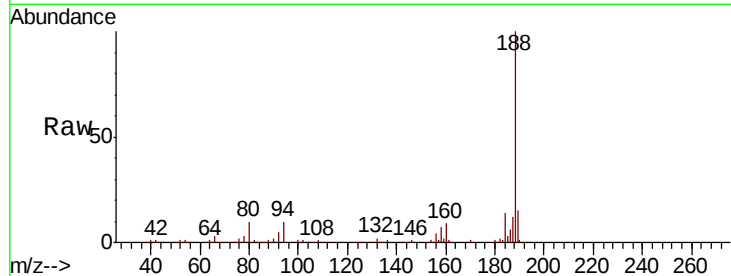




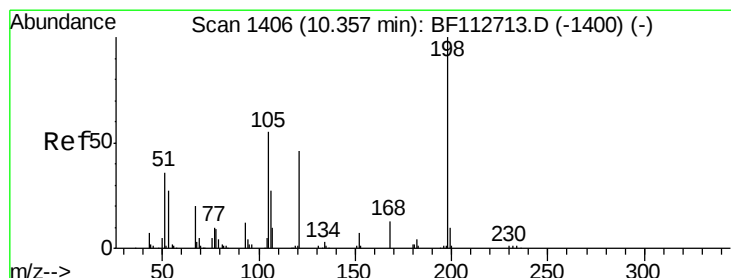
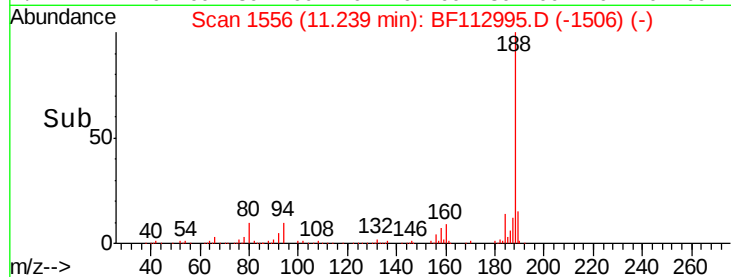
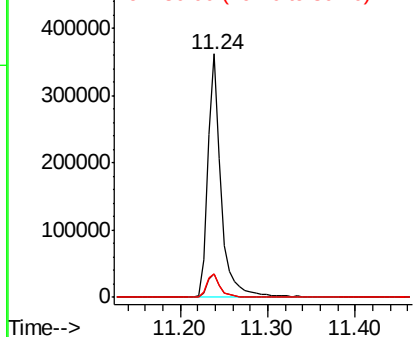
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112995.D
Acq: 12 Mar 2019 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 381635
Ion Ratio Lower Upper
188 100
94 9.5 9.0 13.4
80 9.7 9.2 13.8

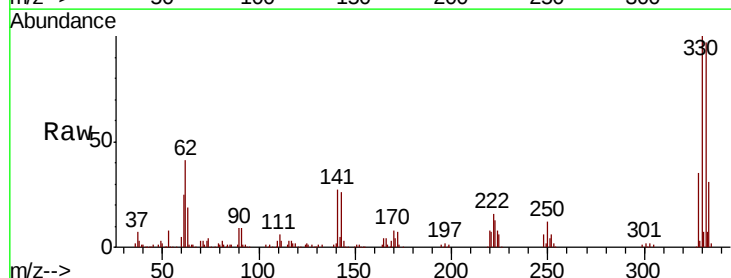


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

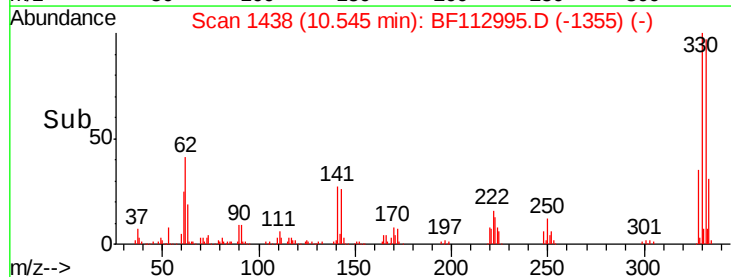
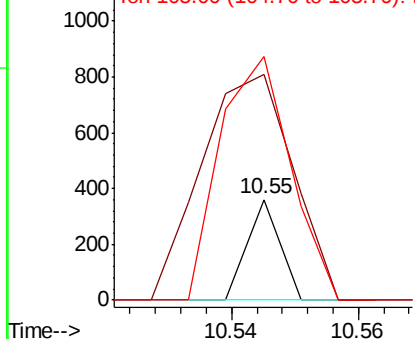


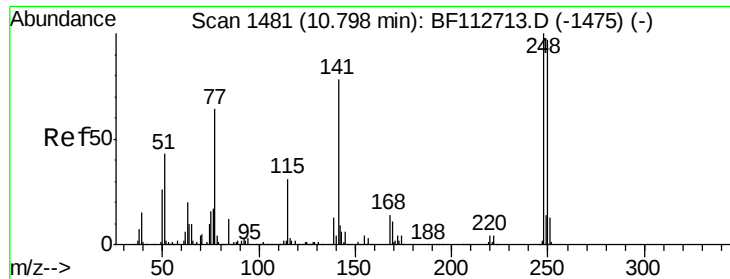
#65
4,6-Dinitro-2-methylphenol
Concen: 4.686 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112995.D
Acq: 12 Mar 2019 10:22

Tgt Ion:198 Resp: 127
Ion Ratio Lower Upper
198 100
51 225.0 43.8 83.8#
105 242.5 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

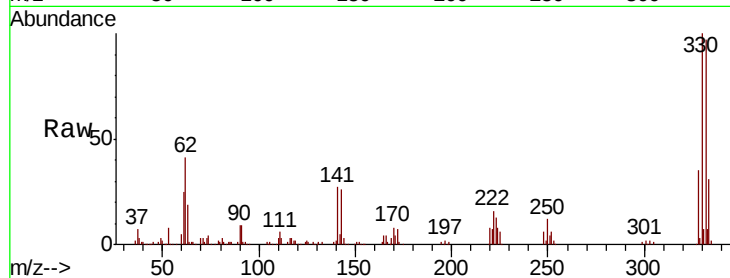




#67
 4-Bromophenyl-phenylether
 Concen: 3.019 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112995.D
 Acq: 12 Mar 2019 10:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	195.8	77.5	116.3#
141	464.9	62.4	93.6#

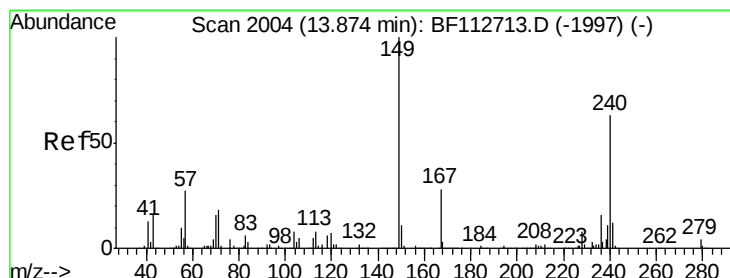
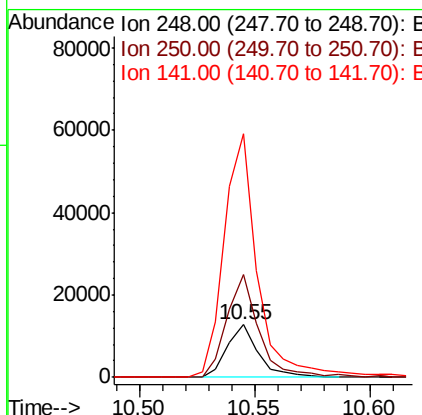
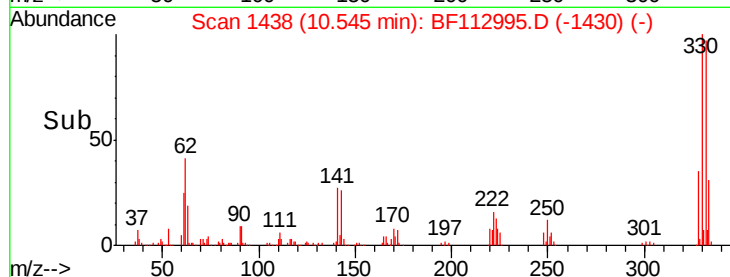


Abundance

Ion 248.00 (247.70 to 248.70): E

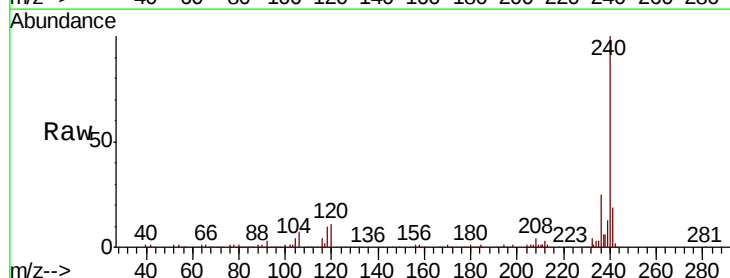
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF112995.D
 Acq: 12 Mar 2019 10:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	25.3	20.7	31.1

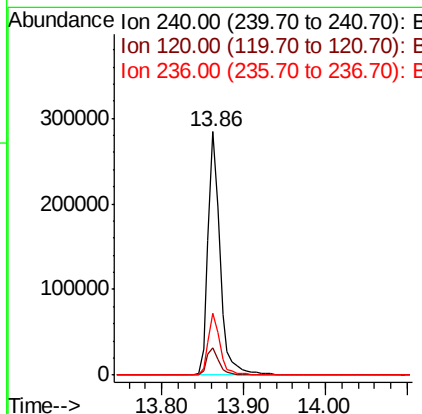
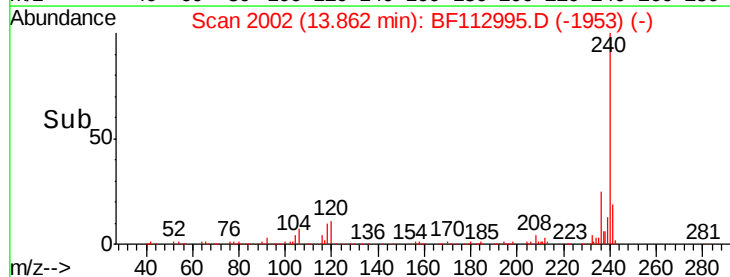


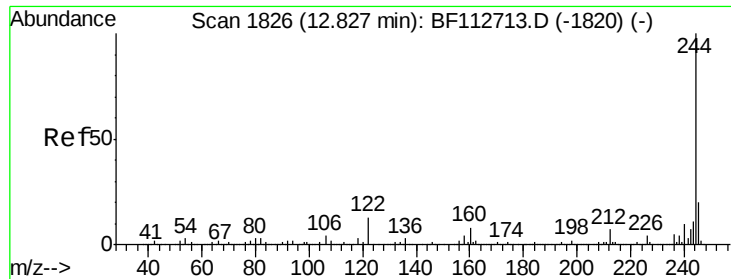
Abundance

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

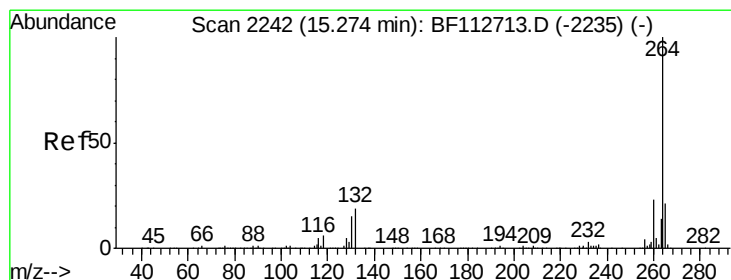
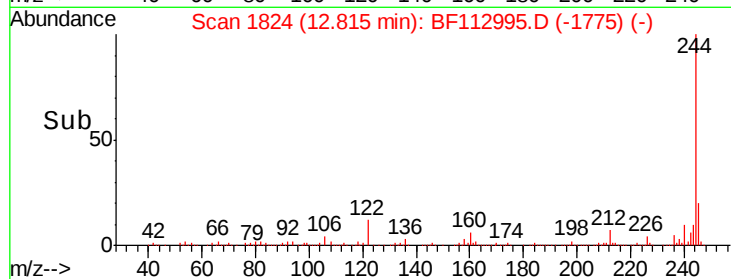
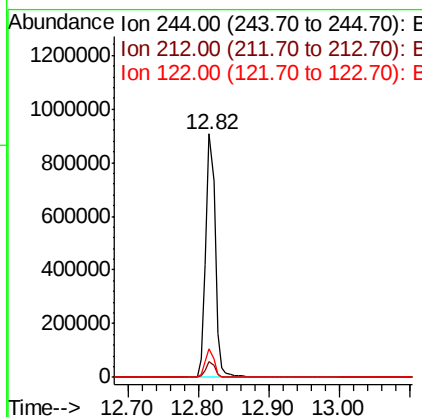
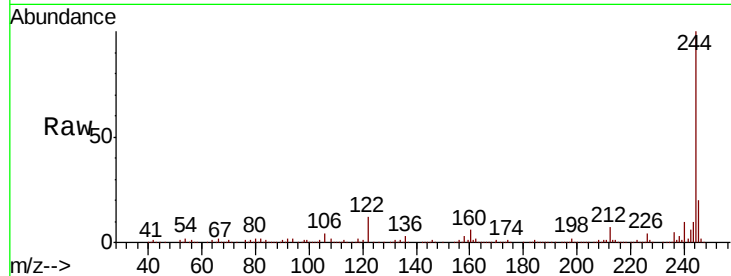




#79
 Terphenyl-d14
 Concen: 56.454 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF112995.D
 Acq: 12 Mar 2019 10:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 849584
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 11.7 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF112995.D
 Acq: 12 Mar 2019 10:22

Tgt Ion:264 Resp: 219897
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.7 28.1
 265 21.4 17.2 25.8

