

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112992.D
 Acq On : 12 Mar 2019 8:57
 Operator : JU/SJ
 Sample : K1817-11
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 12 09:32:14 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	98753	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	392033	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	213248	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	470250	20.00	ng	0.00
76) Chrysene-d12	13.86	240	345892	20.00	ng	-0.01
87) Perylene-d12	15.27	264	260627	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	588155	92.65	ng	-0.02
7) Phenol-d6	6.36	99	779938	97.80	ng	0.00
23) Nitrobenzene-d5	7.29	82	448791	68.50	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	277465	122.56	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	827016	59.33	ng	-0.01
79) Terphenyl-d14	12.82	244	957719	53.67	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	25304	2.719	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	56987	11.283	ng	# 73
25) Isophorone	7.29	82	448787	31.796	ng	# 66
50) Dimethylphthalate	9.48	163	91845	5.841	ng	97
57) 2,4-Dinitrotoluene	9.76	165	26911	6.612	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	334	4.769	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	15331	3.095	ng	# 1

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

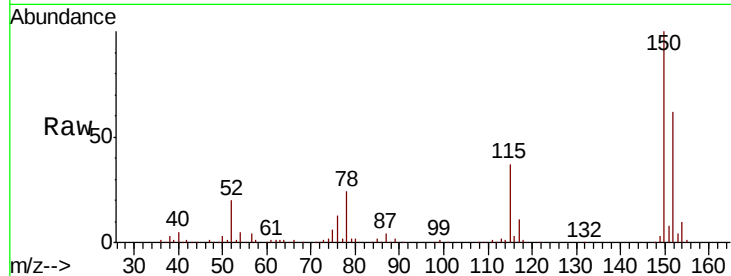


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112992.D
Acq: 12 Mar 2019 8:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.2	186.2
115	59.4	48.2	72.4

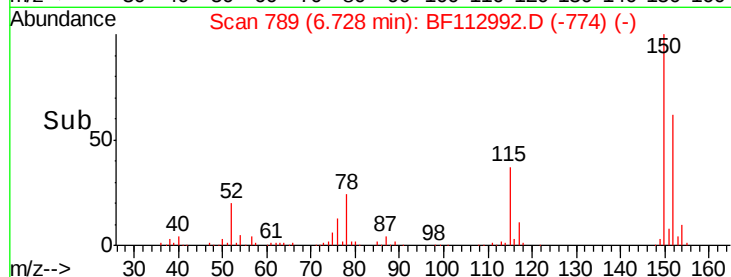
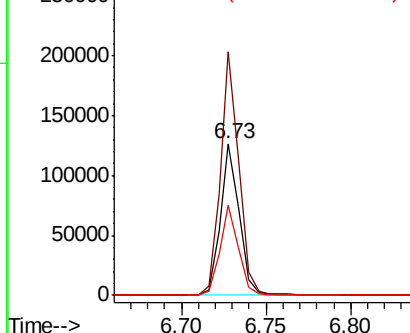


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

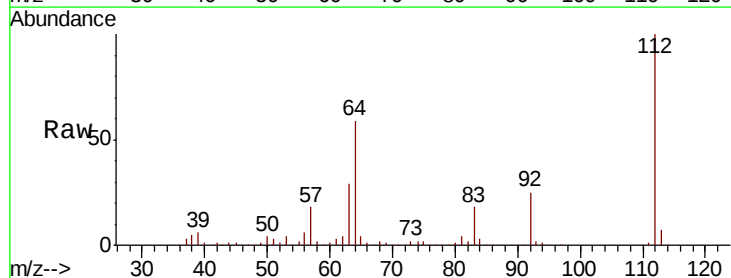
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.645 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF112992.D
Acq: 12 Mar 2019 8:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.6	71.4
63	29.3	24.4	36.6

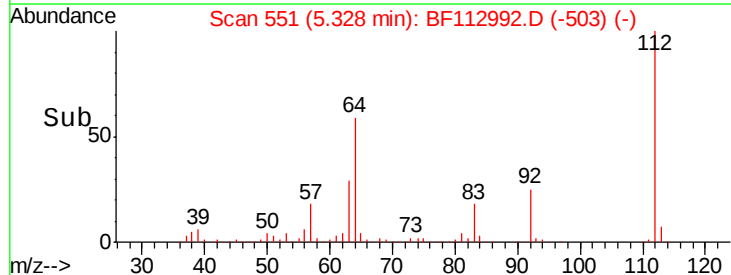
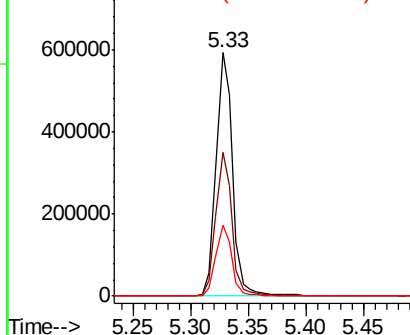


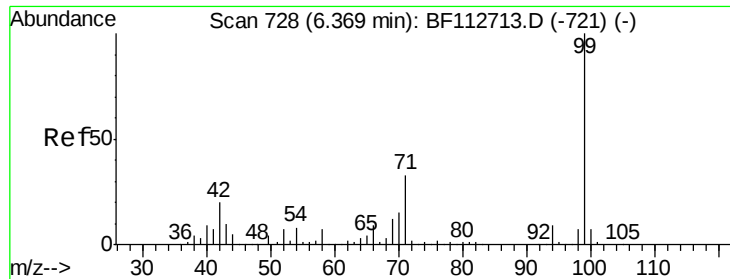
Abundance

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: 97.802 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112992.D

Acq: 12 Mar 2019 8:57

Instrument :

BNA_F

ClientSampleId :

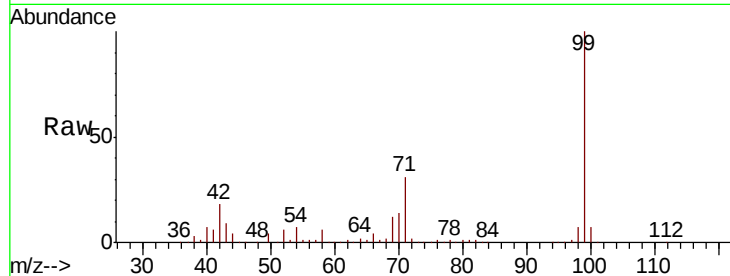
Tot Ion: 99 Resp: 779938

Ion Ratio Lower Upper

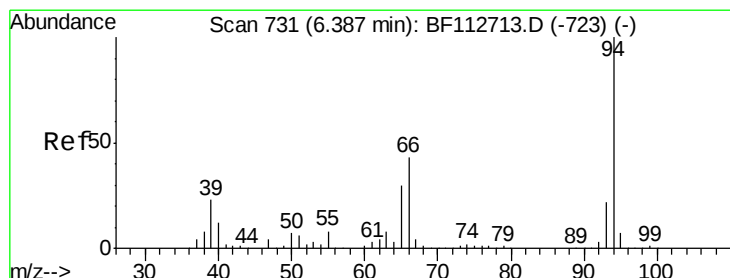
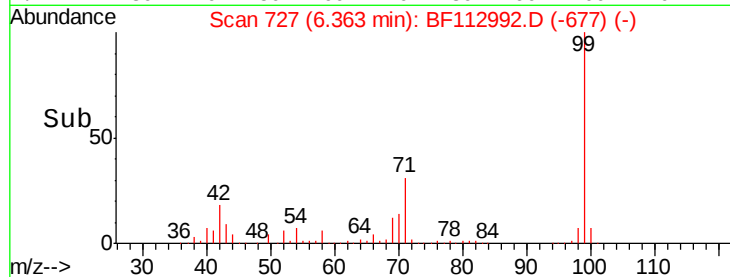
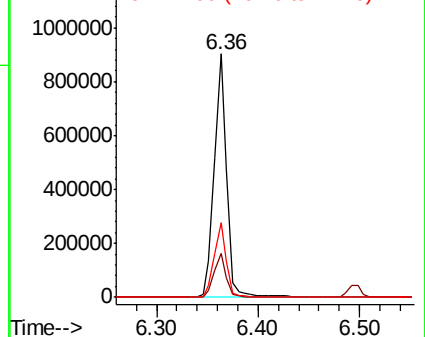
99 100

42 17.8 16.3 24.5

71 30.7 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: 2.719 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112992.D

Acq: 12 Mar 2019 8:57

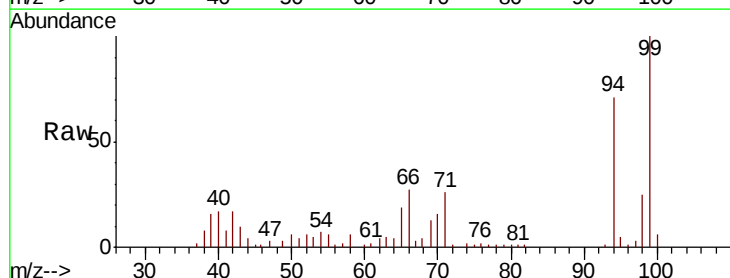
Tgt Ion: 94 Resp: 25304

Ion Ratio Lower Upper

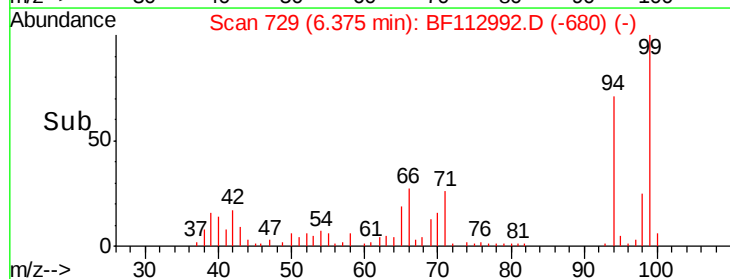
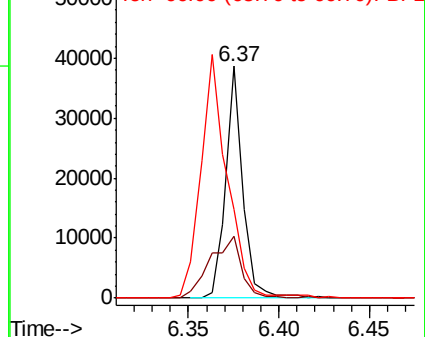
94 100

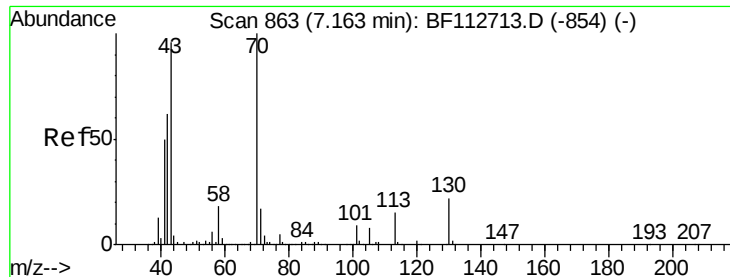
65 26.8 10.5 50.5

66 38.2 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

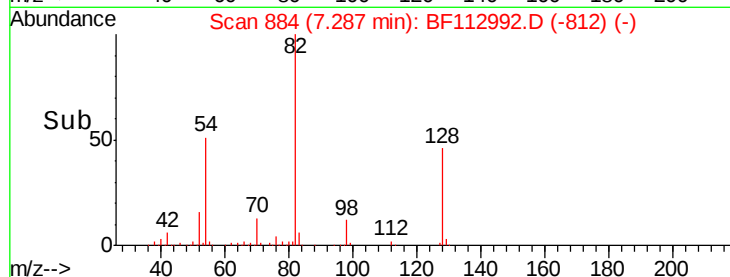
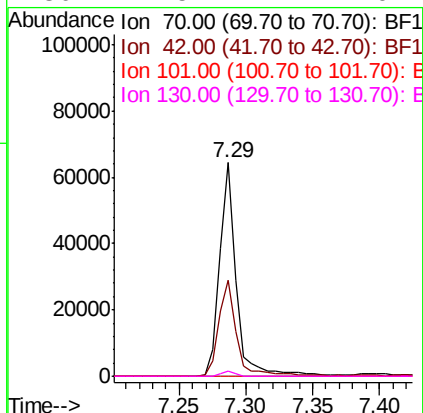
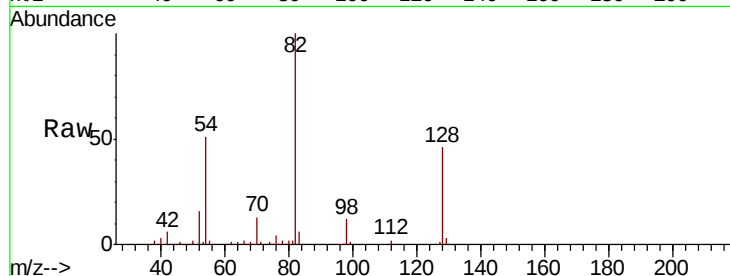




#19
n-Nitroso-di-n-propylamine
Concen: 11.283 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112992.D
Acq: 12 Mar 2019 8:57

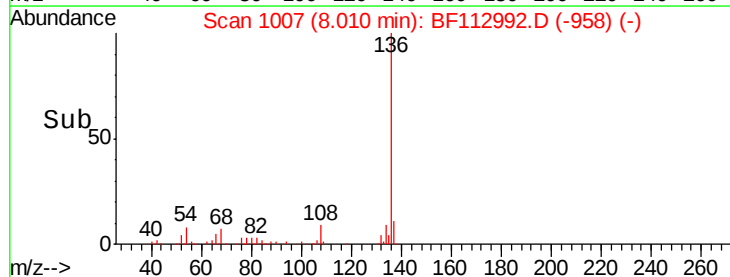
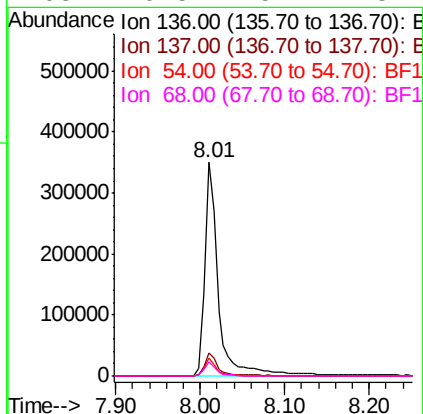
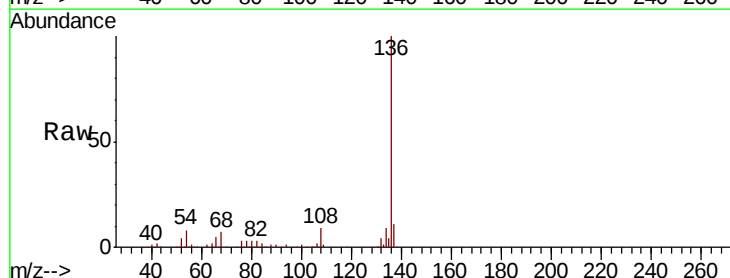
Instrument :
BNA_F
ClientSampleId :

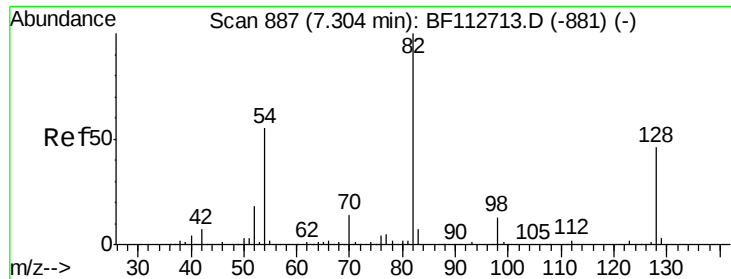
Tot Ion: 70 Resp: 56987
Ion Ratio Lower Upper
70 100
42 45.2 49.9 74.9#
101 0.0 7.4 11.2#
130 2.5 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112992.D
Acq: 12 Mar 2019 8:57

Tgt Ion: 136 Resp: 392033
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.1 7.3 10.9
68 6.5 5.4 8.2

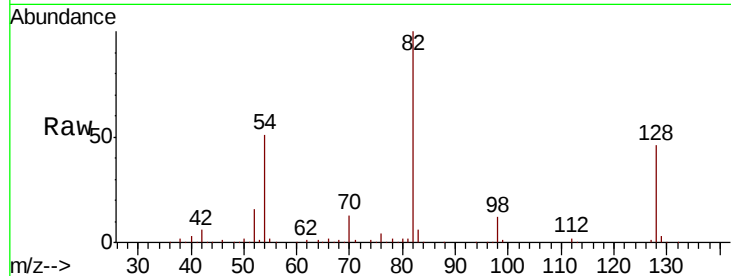




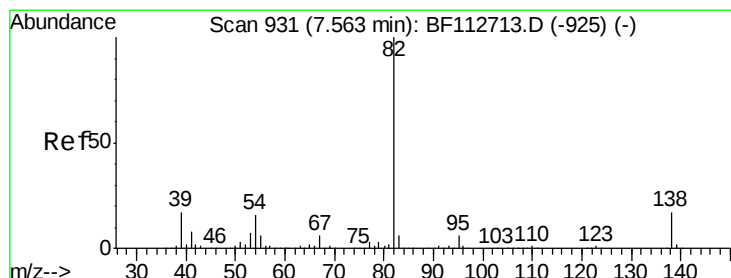
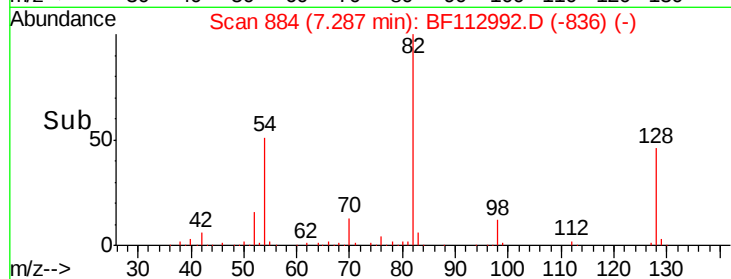
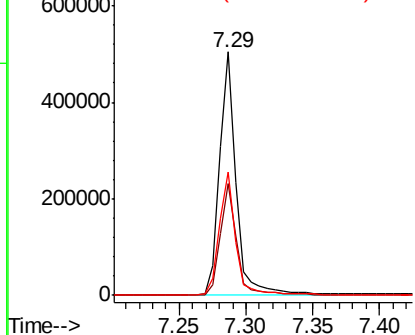
#23
Nitrobenzene-d5
Concen: 68.501 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112992.D
Acq: 12 Mar 2019 8:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 448791
Ion Ratio Lower Upper
82 100
128 46.0 36.3 54.5
54 50.6 43.7 65.5

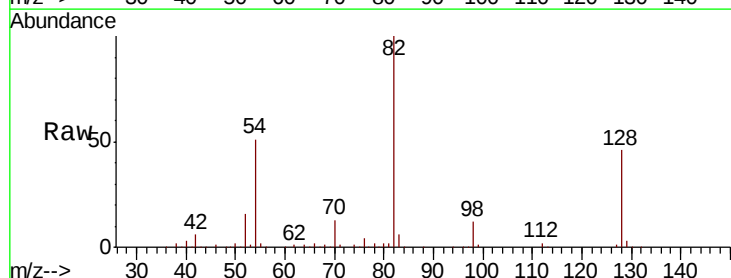


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

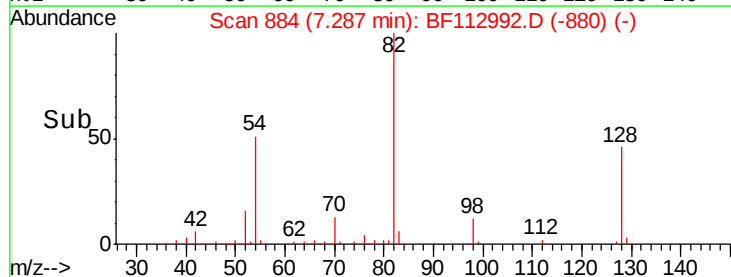
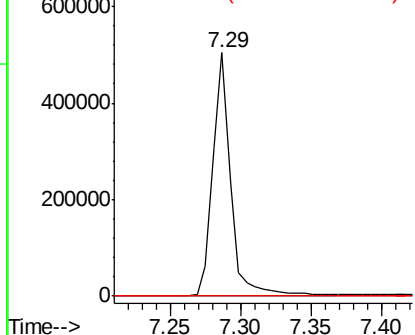


#25
Isophorone
Concen: 31.796 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112992.D
Acq: 12 Mar 2019 8:57

Tgt Ion: 82 Resp: 448787
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



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

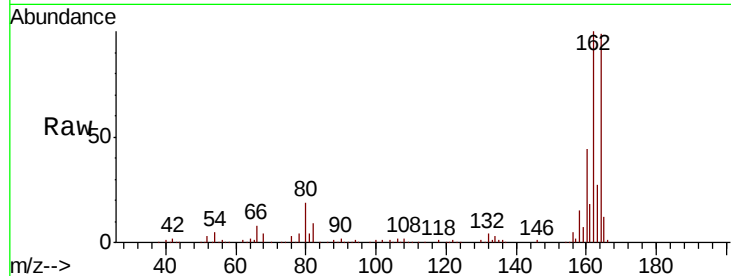




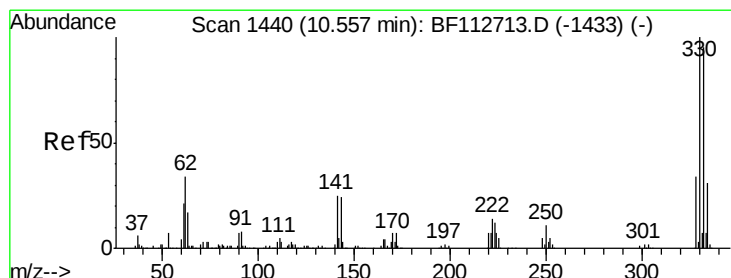
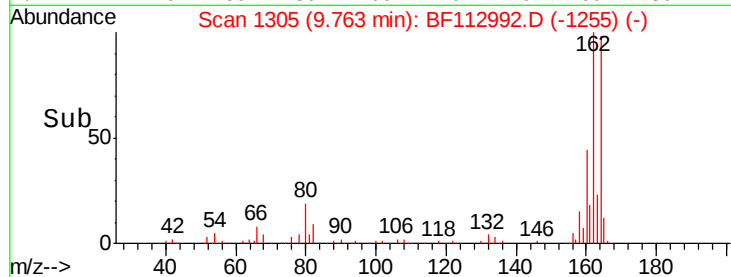
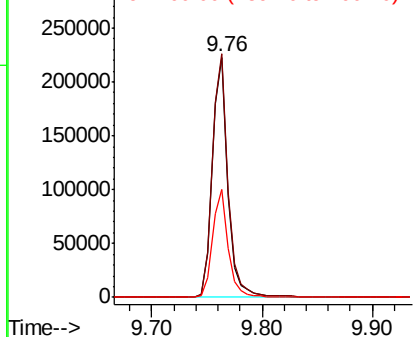
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF112992.D
 Acq: 12 Mar 2019 8:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 213248
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.6 120.8
 160 44.8 36.0 54.0

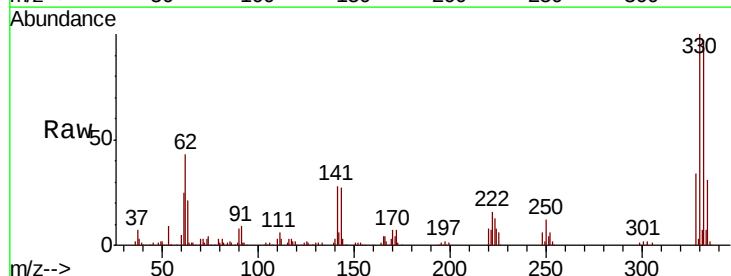


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

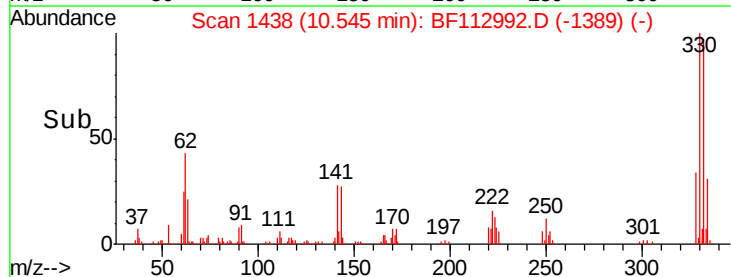
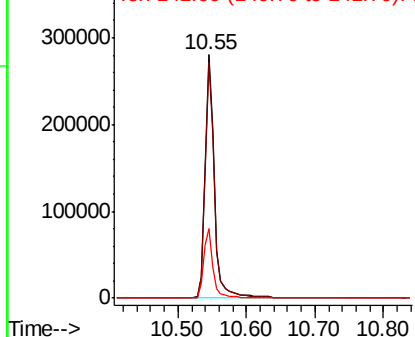


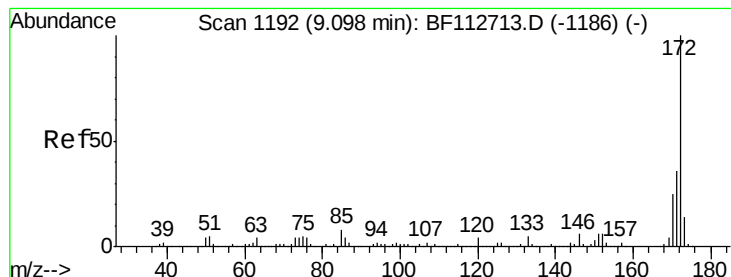
#42
 2,4,6-Tribromophenol
 Concen: 122.561 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112992.D
 Acq: 12 Mar 2019 8:57

Tgt Ion:330 Resp: 277465
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.2 114.4
 141 28.5 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

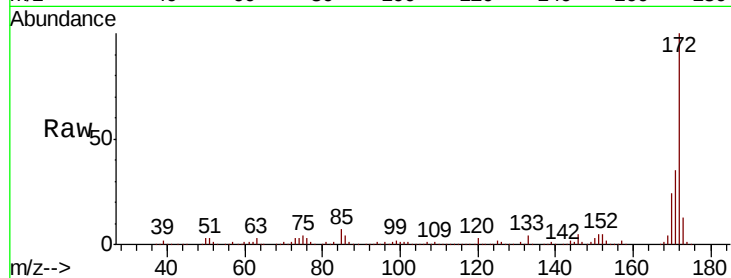




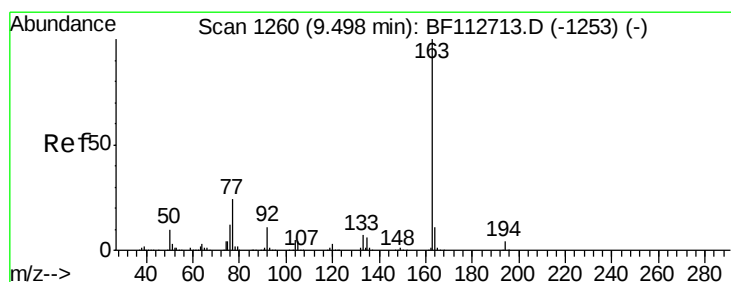
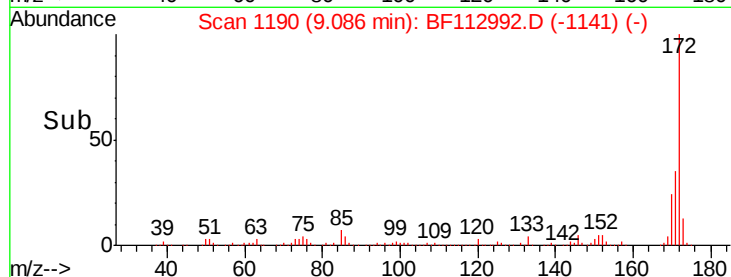
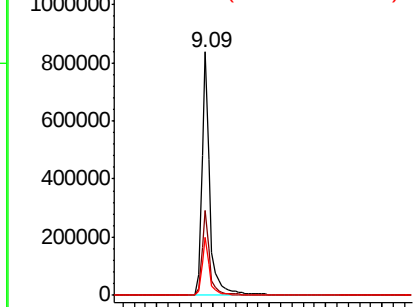
#45
2-Fluorobiphenyl
Concen: 59.333 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112992.D
Acq: 12 Mar 2019 8:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 827016
Ion Ratio Lower Upper
172 100
171 34.7 29.0 43.4
170 23.9 20.0 30.0

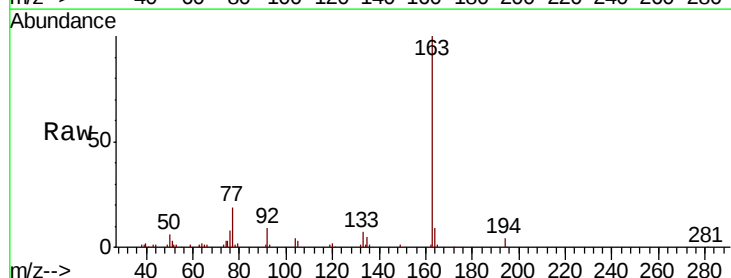


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

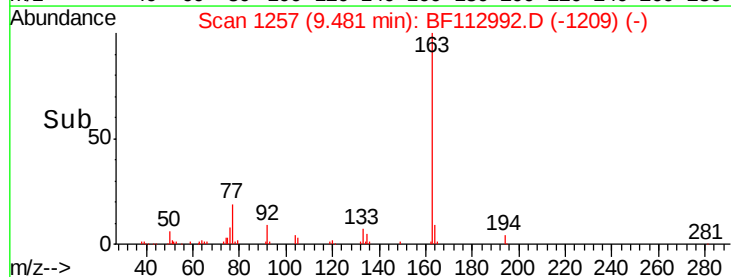
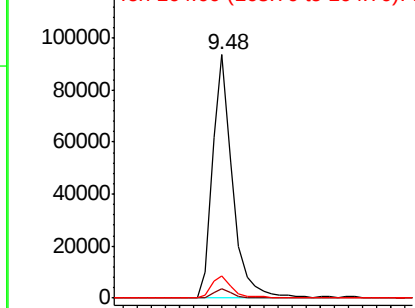


#50
Dimethylphthalate
Concen: 5.841 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112992.D
Acq: 12 Mar 2019 8:57

Tgt Ion:163 Resp: 91845
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 9.3 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

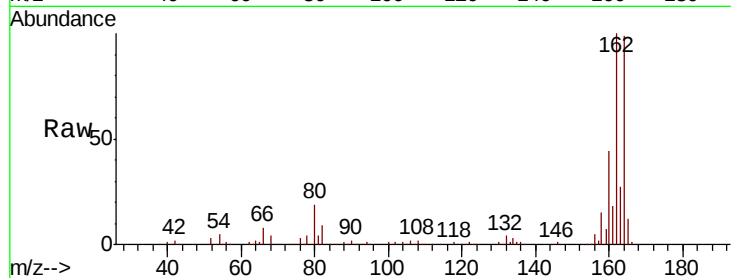




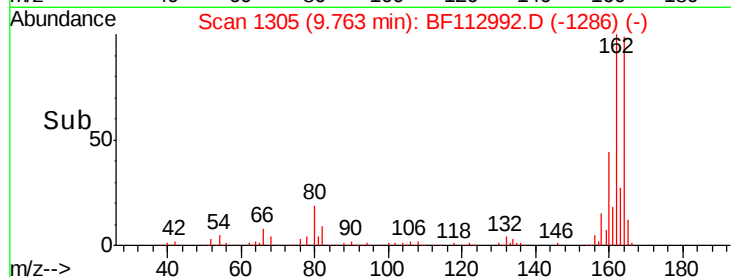
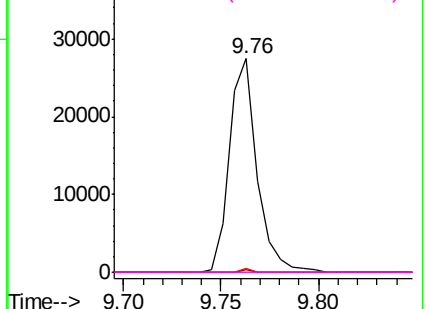
#57
2,4-Dinitrotoluene
Concen: 6.612 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112992.D
Acq: 12 Mar 2019 8:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	26911
Ion Ratio	Lower	Upper
165	100	
63	1.3	42.2 63.2#
89	1.5	66.2 99.4#
182	0.0	1.8 2.6#

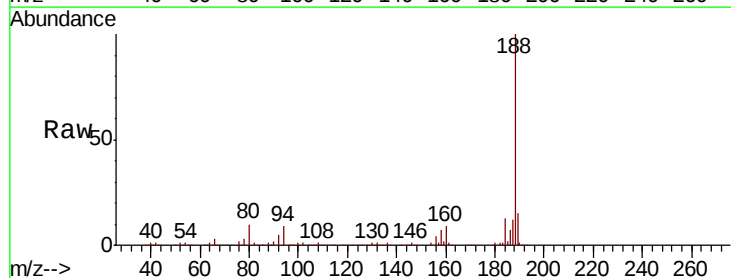


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

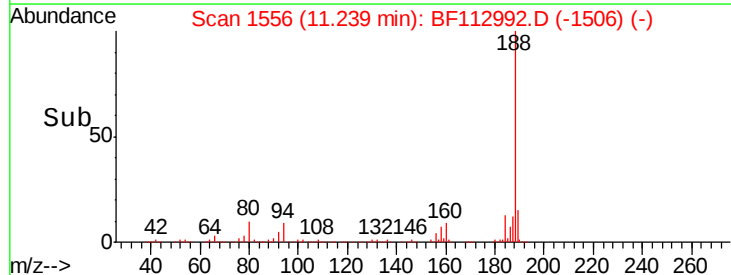
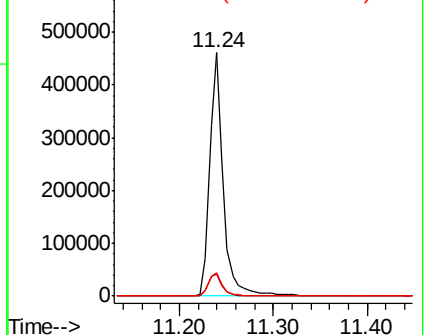


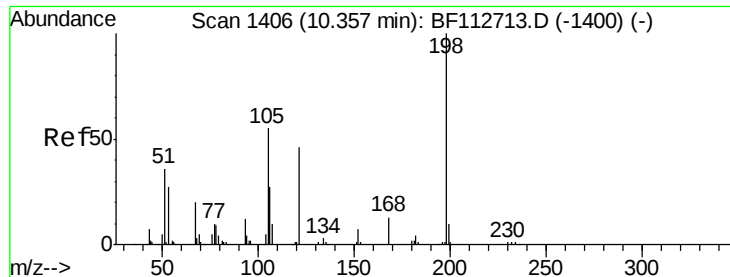
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112992.D
Acq: 12 Mar 2019 8:57

Tgt Ion:188	Resp:	470250
Ion Ratio	Lower	Upper
188	100	
94	9.3	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

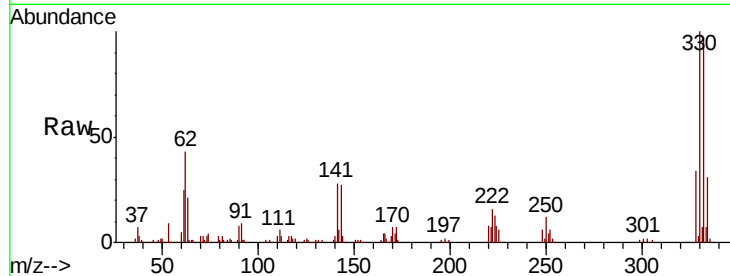




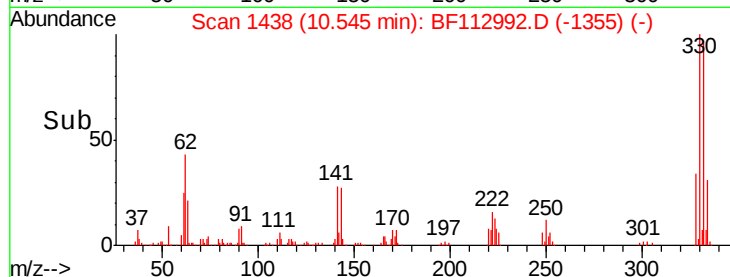
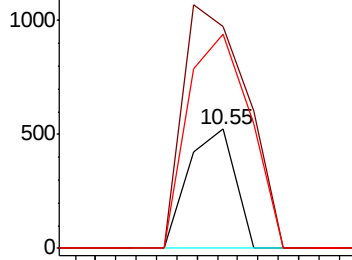
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.769 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112992.D
 Acq: 12 Mar 2019 8:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 334
 Ion Ratio Lower Upper
 198 100
 51 186.6 43.8 83.8#
 105 179.3 36.5 76.5#

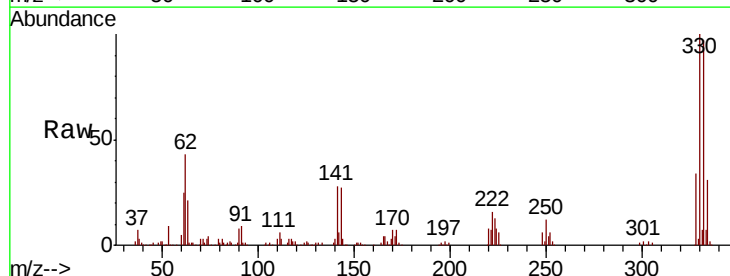


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

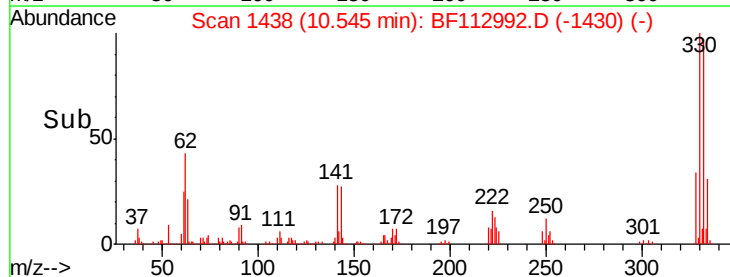
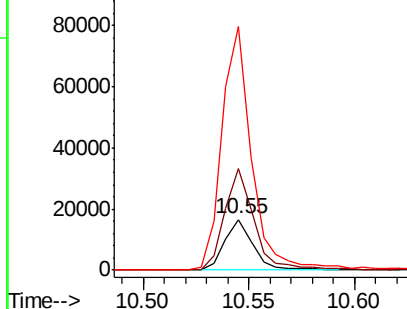


#67
 4-Bromophenyl-phenylether
 Concen: 3.095 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112992.D
 Acq: 12 Mar 2019 8:57

Tgt Ion:248 Resp: 15331
 Ion Ratio Lower Upper
 248 100
 250 200.6 77.5 116.3#
 141 481.2 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

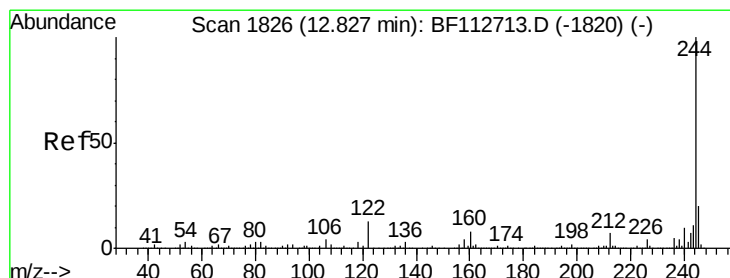
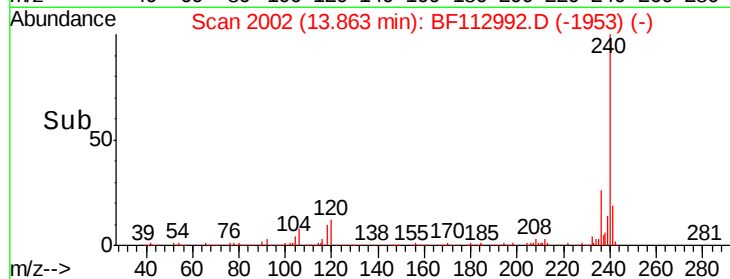
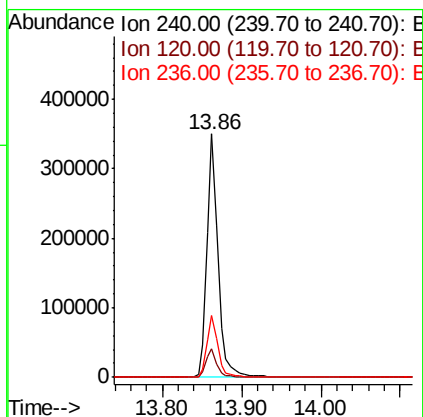
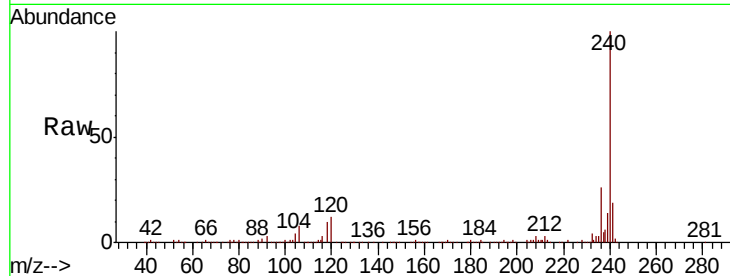




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF112992.D
 Acq: 12 Mar 2019 8:57

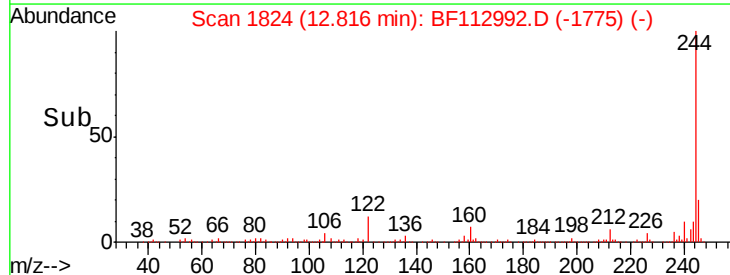
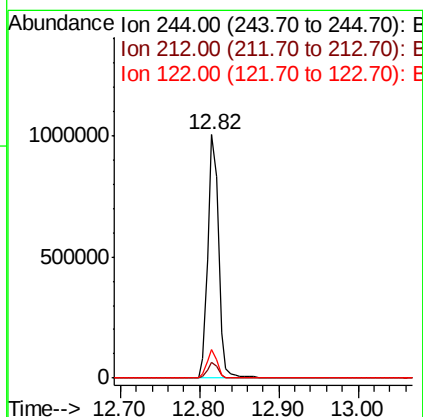
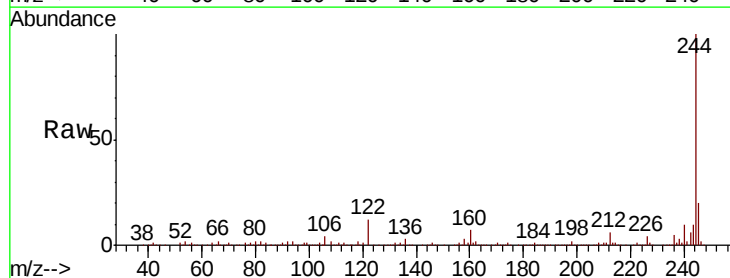
Instrument :
 BNA_F
 ClientSampleId :

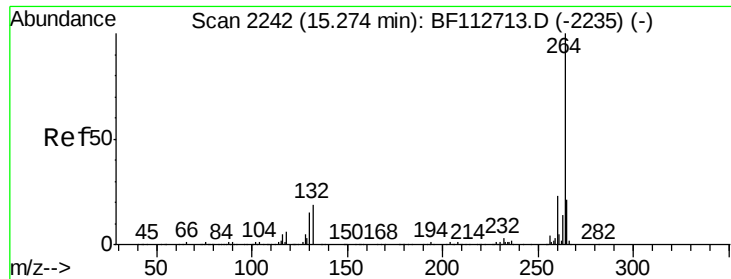
Tot Ion:240 Resp: 345892
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.9 13.3
 236 25.6 20.7 31.1



#79
 Terphenyl-d14
 Concen: 53.674 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF112992.D
 Acq: 12 Mar 2019 8:57

Tgt Ion:244 Resp: 957719
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 11.8 10.5 15.7





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF112992.D
 Acq: 12 Mar 2019 8:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.7	17.2	25.8

