

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119165.D
 Acq On : 2 Mar 2020 10:37
 Operator : CG/JU
 Sample : L1719-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 07:18:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

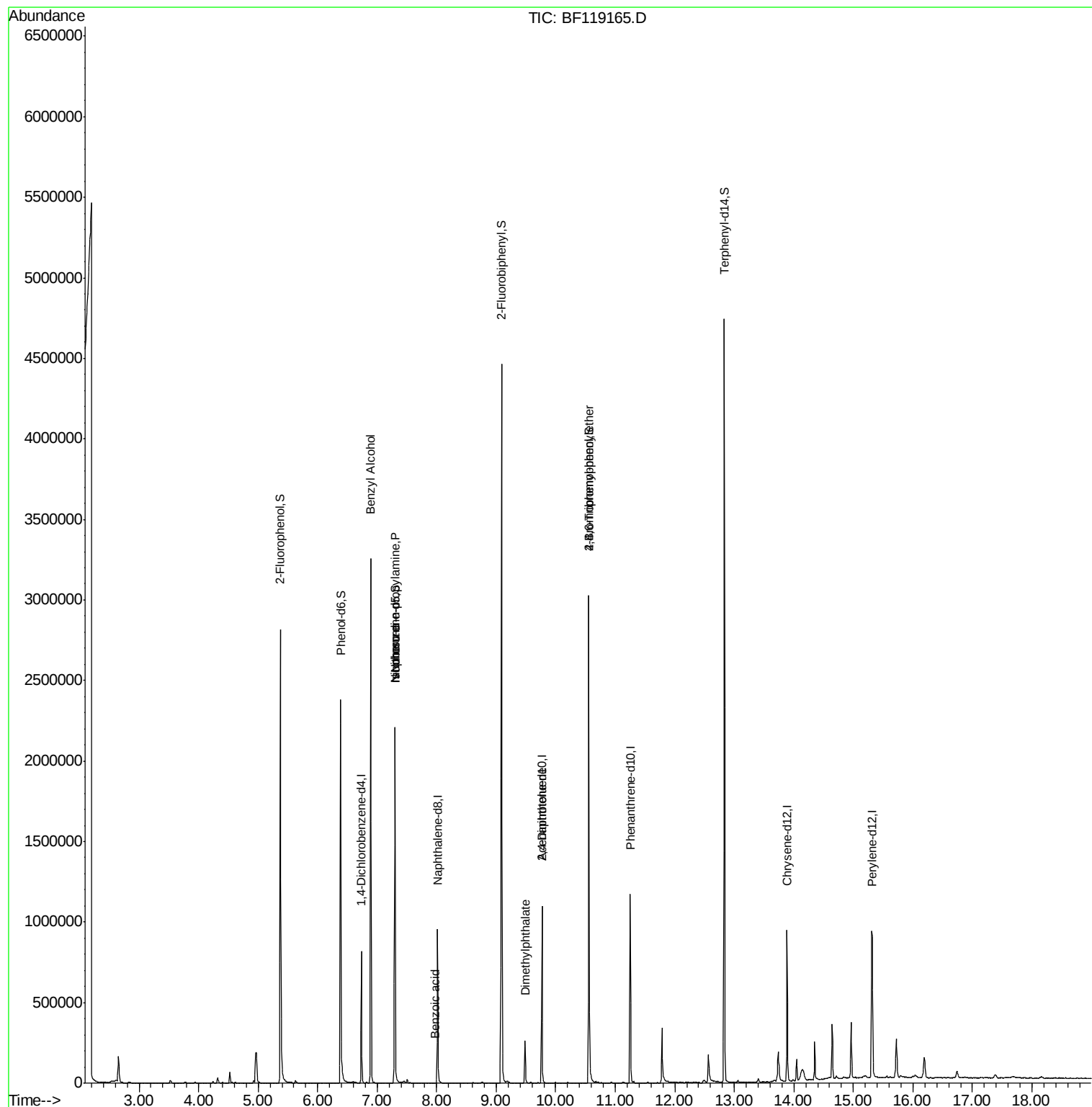
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	125254	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	478552	20.00	ng	-0.02
39) Acenaphthene-d10	9.77	164	258670	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	445394	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	304973	20.00	ng	-0.02
87) Perylene-d12	15.31	264	341911	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	876155	116.90	ng	0.00
7) Phenol-d6	6.39	99	957265	105.02	ng	-0.02
23) Nitrobenzene-d5	7.30	82	788197	86.96	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	426512	126.04	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1571926	89.52	ng	-0.02
79) Terphenyl-d14	12.83	244	1690302	95.42	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.89	79	13287	2.017	ng	# 48
19) n-Nitroso-di-n-propylamine	7.30	70	111281	20.951	ng	# 75
25) Isophorone	7.30	82	782427	49.708	ng	# 63
32) Benzoic acid	7.97	122	117	6.701	ng	# 1
50) Dimethylphthalate	9.49	163	121507	6.143	ng	98
57) 2,4-Dinitrotoluene	9.77	165	32805	5.759	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	27724	4.762	ng	# 1

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

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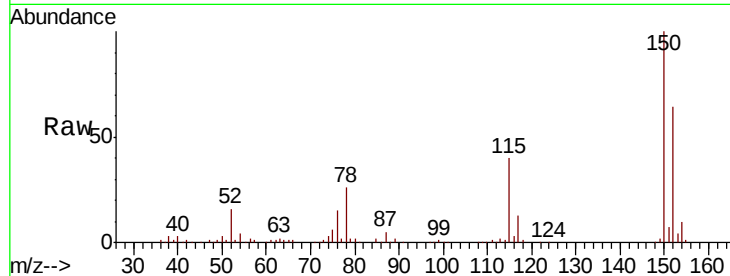


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119165.D
Acq: 2 Mar 2020 10:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.0	184.6
115	62.7	49.5	74.3

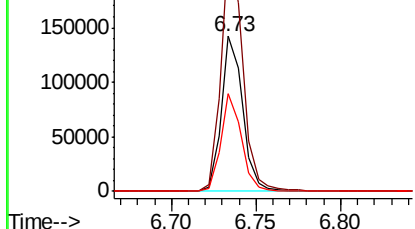
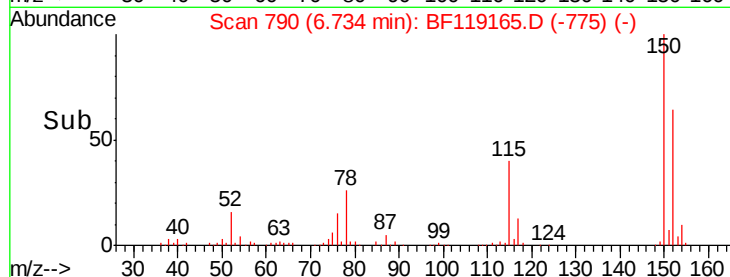


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

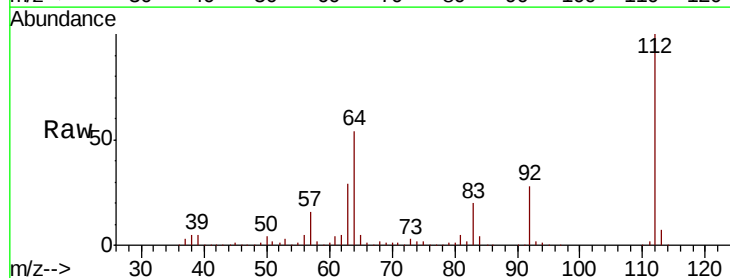
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.899 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119165.D
Acq: 2 Mar 2020 10:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	45.0	67.4
63	29.2	24.2	36.4

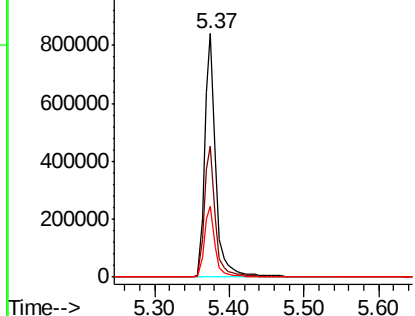
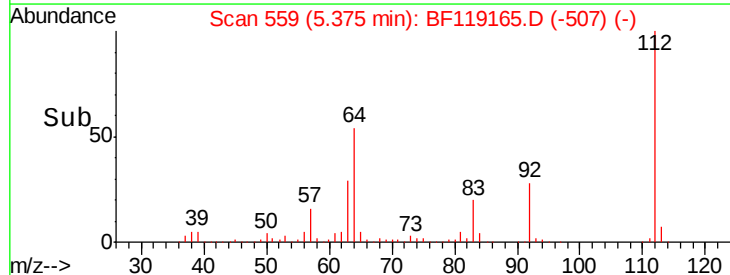


Abundance

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: 105.018 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119165.D

Acq: 2 Mar 2020 10:37

Instrument :

BNA_F

ClientSampled :

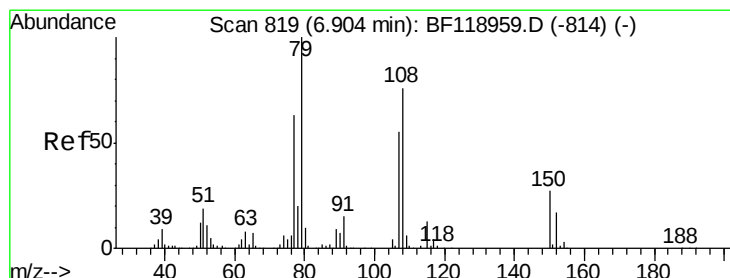
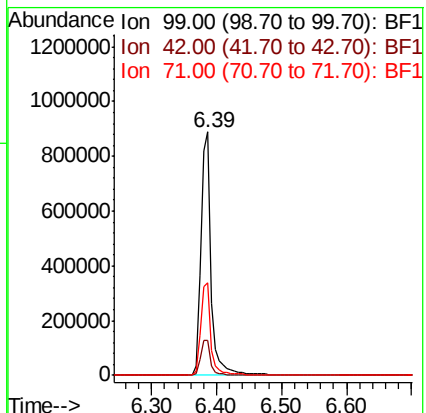
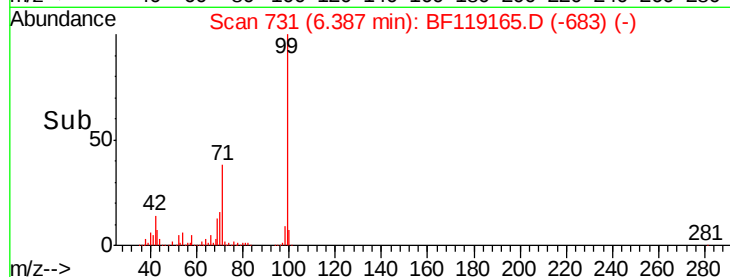
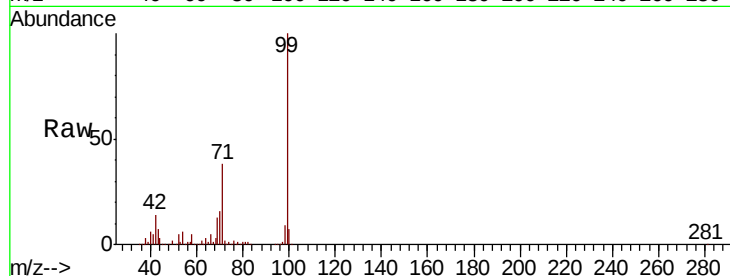
Tot Ion: 99 Resp: 957265

Ion Ratio Lower Upper

99 100

42 14.2 12.6 18.8

71 37.9 31.0 46.4



#15

Benzyl Alcohol

Concen: 2.017 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119165.D

Acq: 2 Mar 2020 10:37

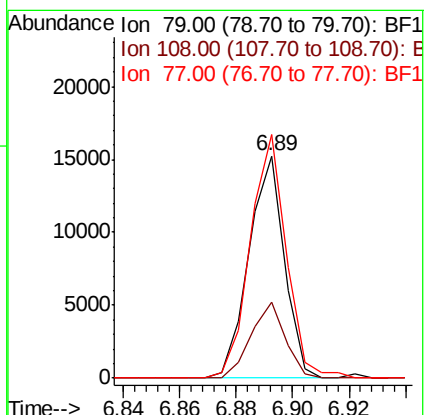
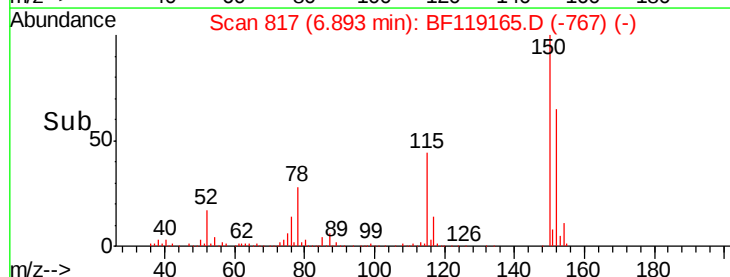
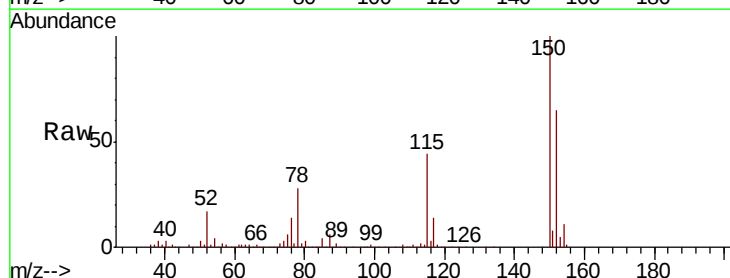
Tgt Ion: 79 Resp: 13287

Ion Ratio Lower Upper

79 100

108 34.3 58.2 87.2#

77 109.4 51.2 76.8#

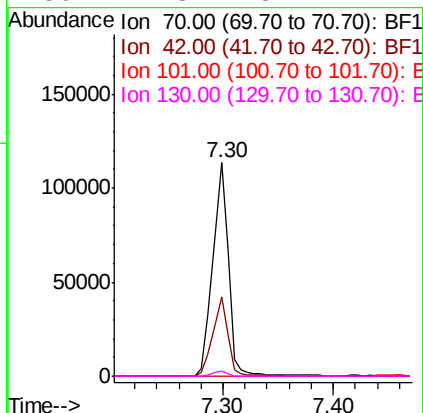
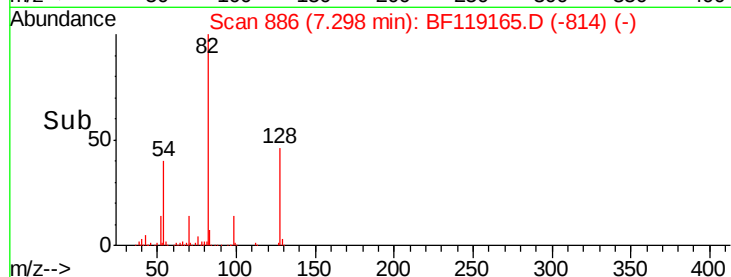
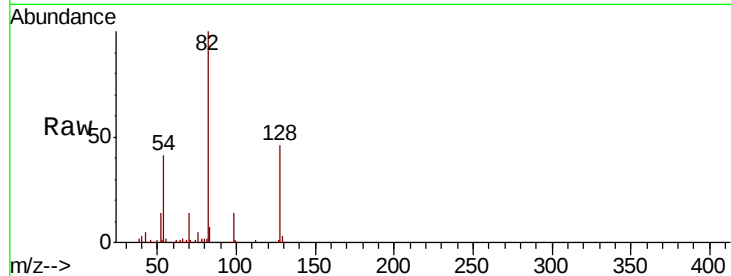




#19
n-Nitroso-di-n-propylamine
Concen: 20.951 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.12 min
Lab File: BF119165.D
Acq: 2 Mar 2020 10:37

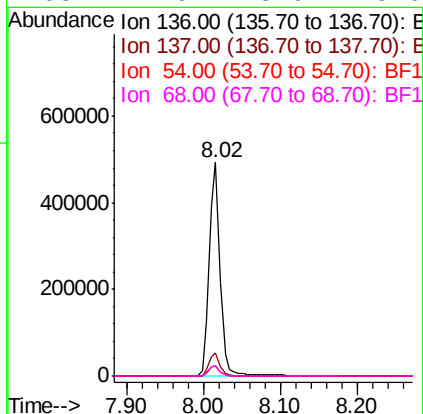
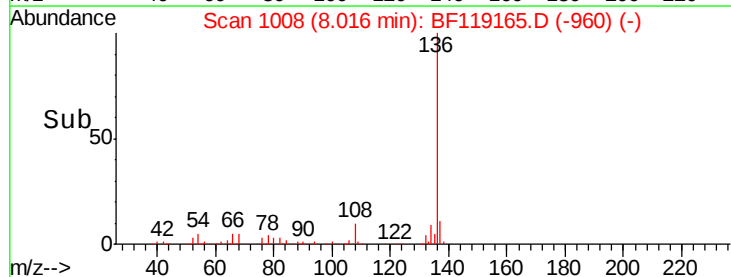
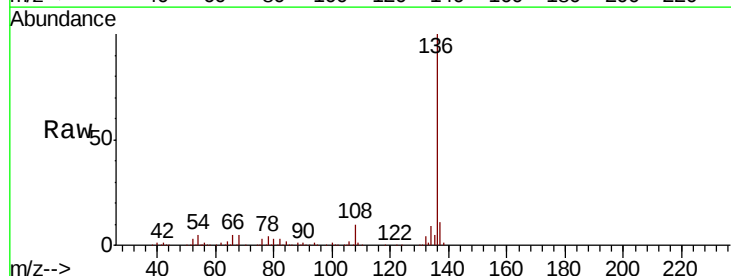
Instrument :
BNA_F
ClientSampleId :

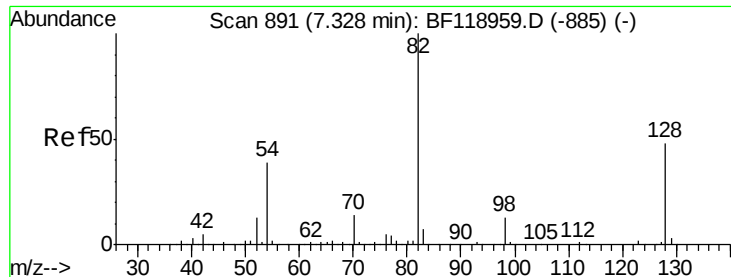
Tot Ion: 70 Resp: 111281
Ion Ratio Lower Upper
70 100
42 37.0 38.0 57.0#
101 0.0 8.2 12.4#
130 2.3 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119165.D
Acq: 2 Mar 2020 10:37

Tgt Ion: 136 Resp: 478552
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 4.8 3.8 5.6
68 4.9 3.9 5.9

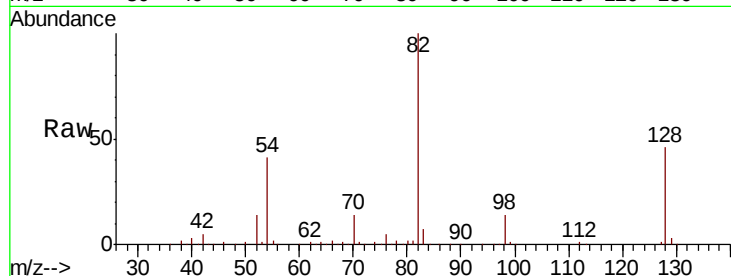




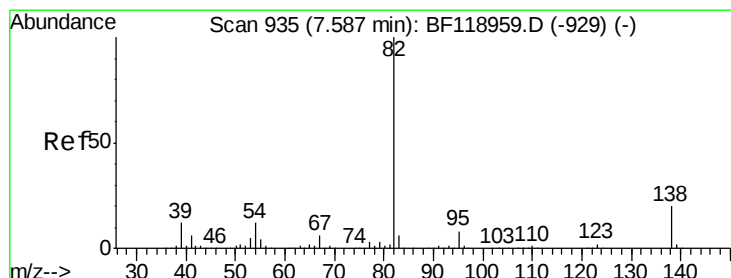
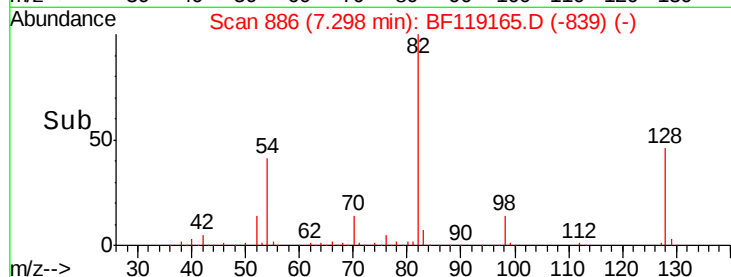
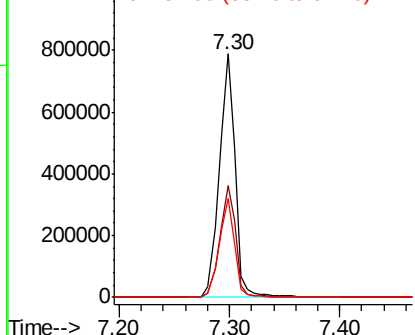
#23
Nitrobenzene-d5
Concen: 86.964 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119165.D
Acq: 2 Mar 2020 10:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	788197
Ion Ratio	100	Lower	Upper
128	46.0	37.9	56.9
54	40.6	33.4	50.2

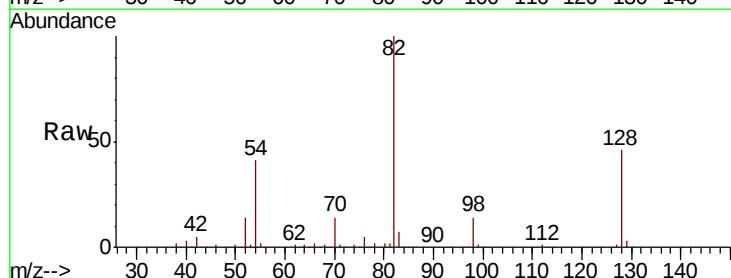


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

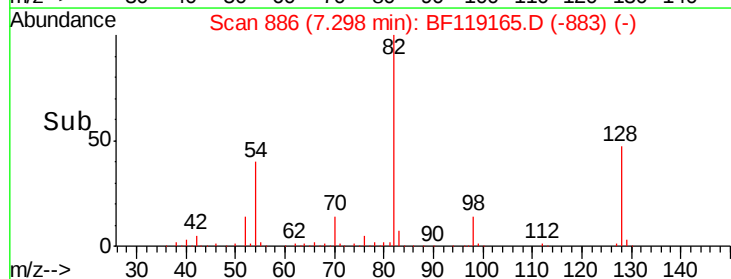
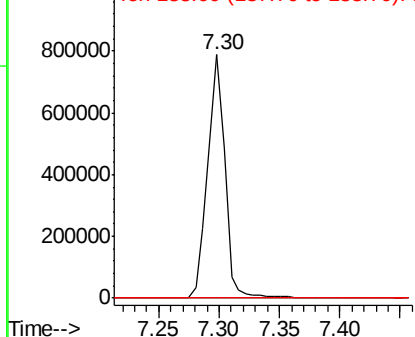


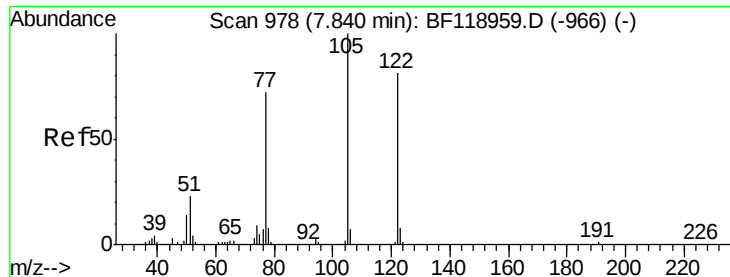
#25
Isophorone
Concen: 49.708 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.28 min
Lab File: BF119165.D
Acq: 2 Mar 2020 10:37

Tgt Ion	82	Resp	782427
Ion Ratio	100	Lower	Upper
95	0.0	6.4	9.6#
138	0.0	15.7	23.5#



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

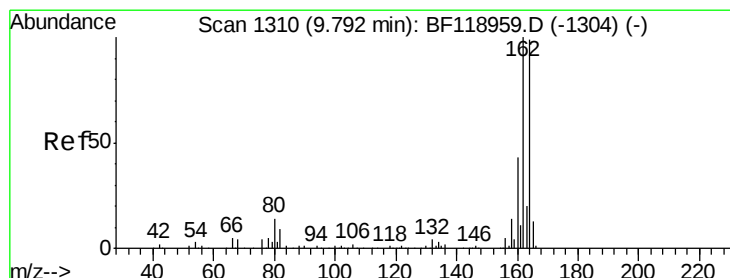
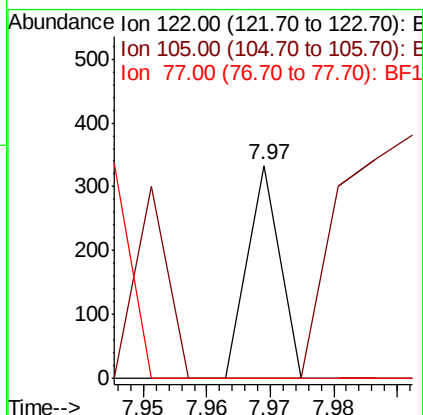
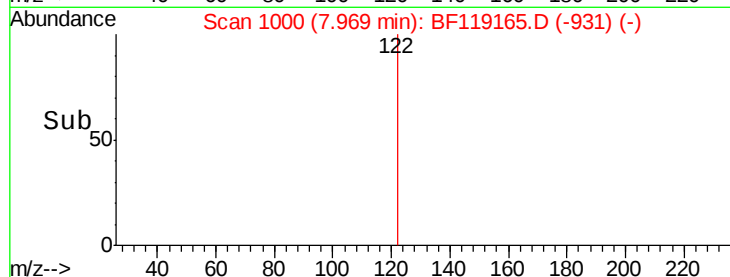
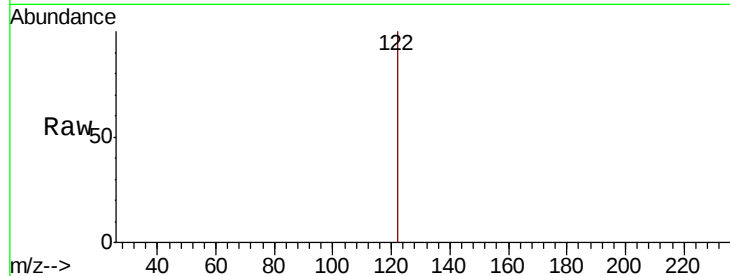




#32
Benzoic acid
Concen: 6.701 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.11 min
Lab File: BF119165.D
Acq: 2 Mar 2020 10:37

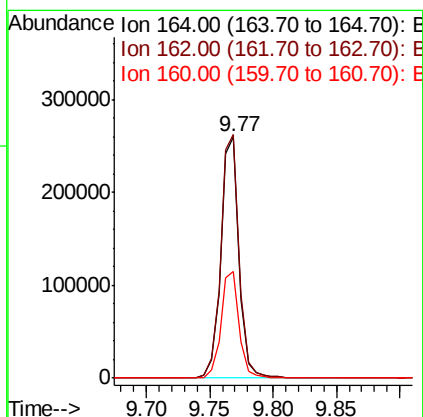
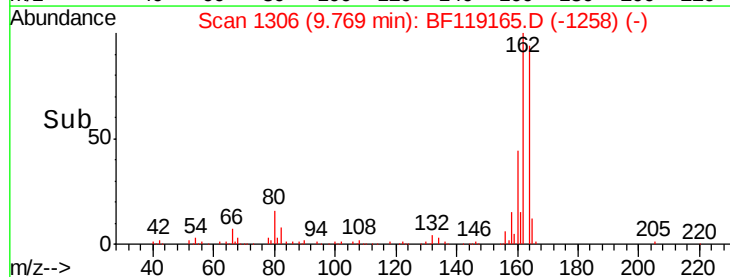
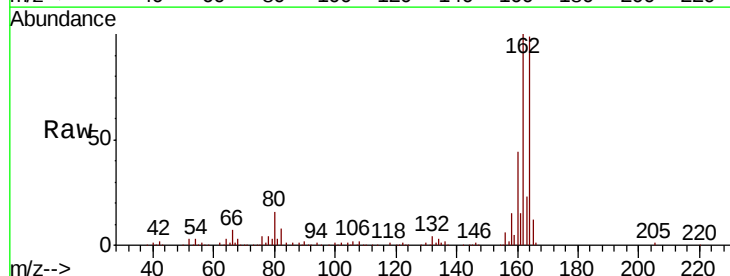
Instrument :
BNA_F
ClientSampled :

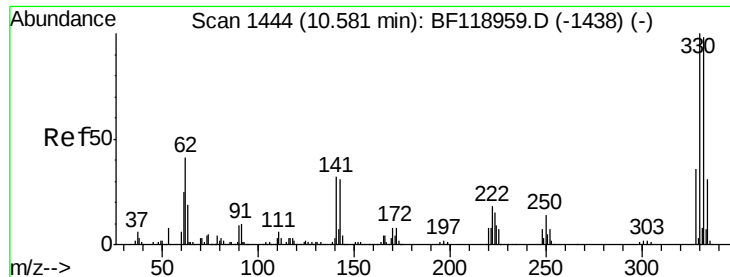
Tot Ion:122 Resp: 117
Ion Ratio Lower Upper
122 100
105 0.0 106.3 146.3#
77 0.0 73.1 113.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF119165.D
Acq: 2 Mar 2020 10:37

Tgt Ion:164 Resp: 258670
Ion Ratio Lower Upper
164 100
162 100.9 81.8 122.8
160 44.2 36.0 54.0

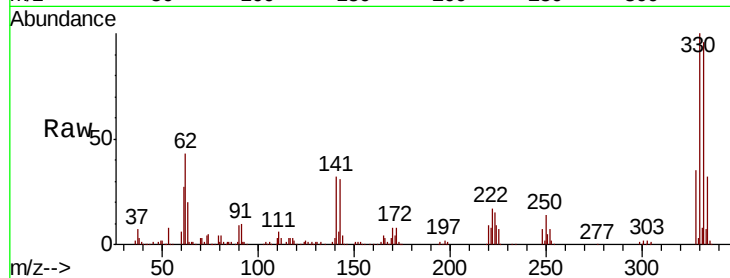




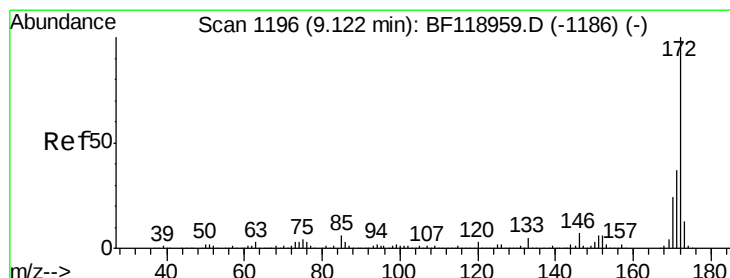
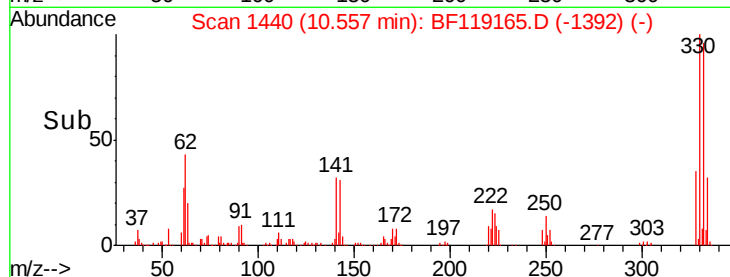
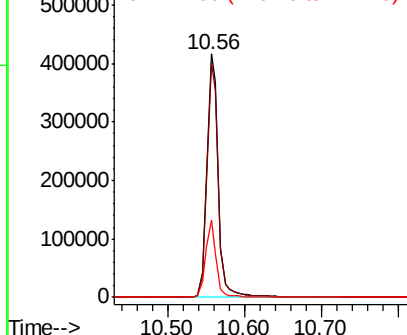
#42
 2,4,6-Tribromophenol
 Concen: 126.044 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119165.D
 Acq: 2 Mar 2020 10:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 426512
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.0 114.0
 141 29.8 22.9 34.3

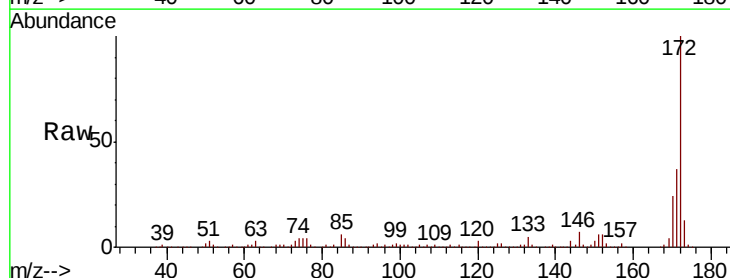


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

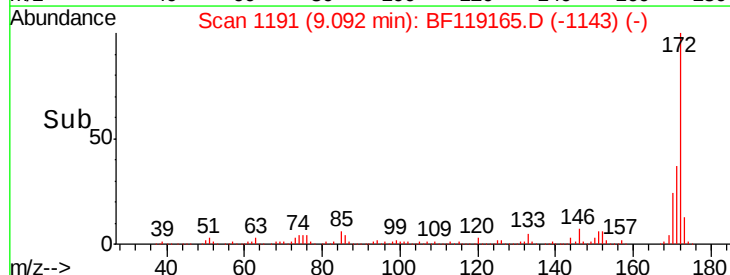
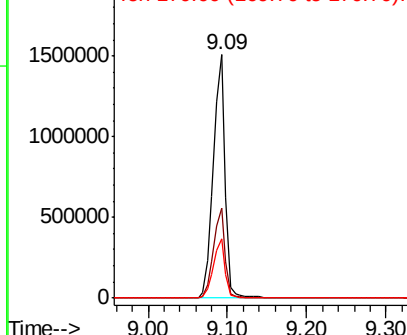


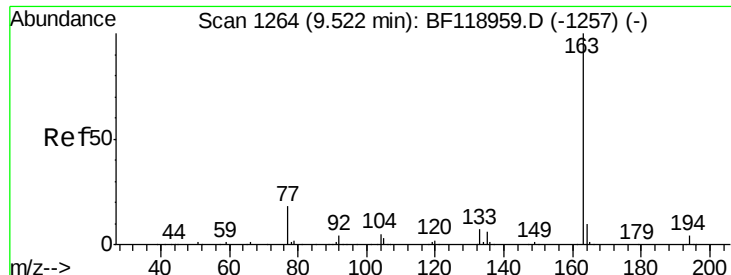
#45
 2-Fluorobiphenyl
 Concen: 89.524 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119165.D
 Acq: 2 Mar 2020 10:37

Tgt Ion:172 Resp: 1571926
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.6 45.8
 170 24.2 20.2 30.2



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

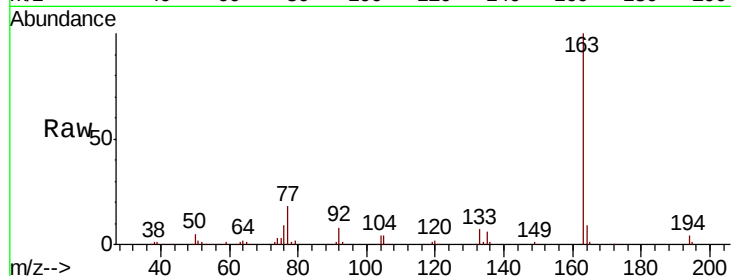




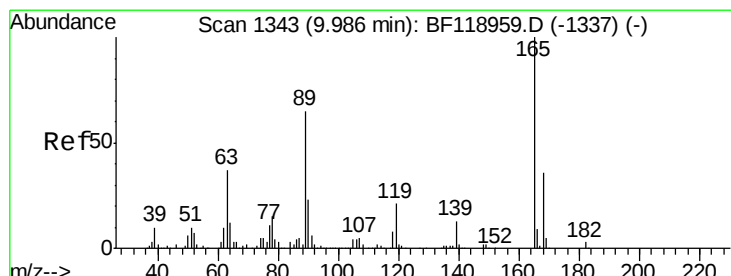
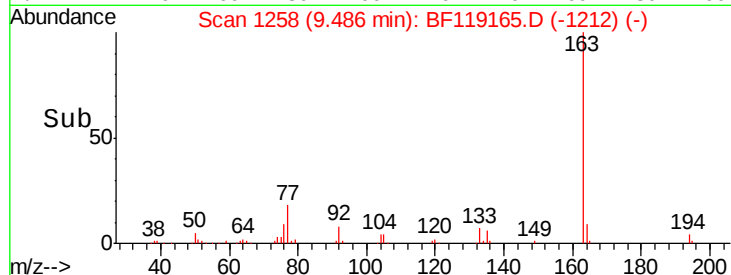
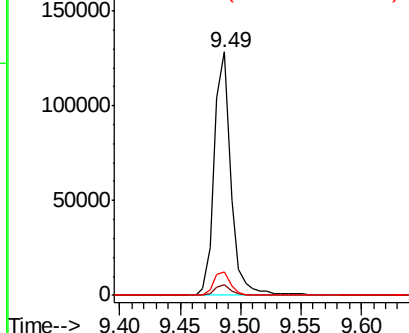
#50
Dimethylphthalate
Concen: 6.143 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF119165.D
Acq: 2 Mar 2020 10:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.5	8.4	12.6



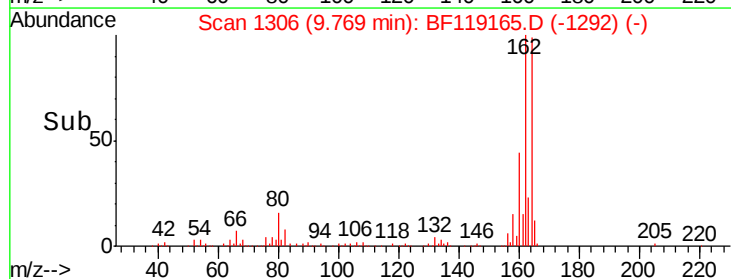
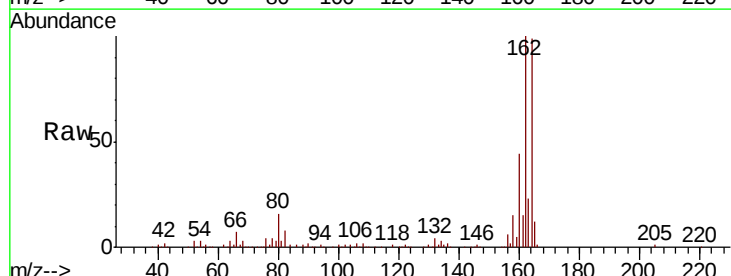
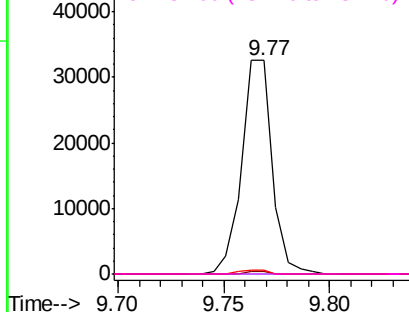
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

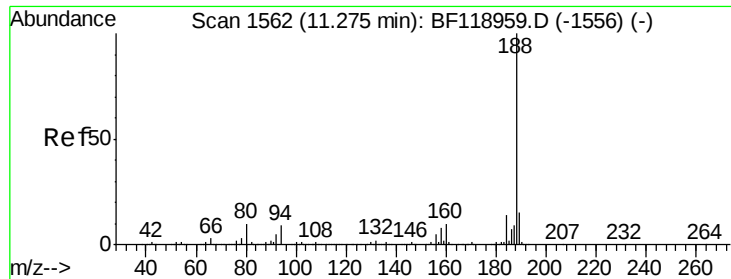


#57
2,4-Dinitrotoluene
Concen: 5.759 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.22 min
Lab File: BF119165.D
Acq: 2 Mar 2020 10:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.3	63.5#
89	1.7	60.2	90.4#
182	0.0	2.3	3.5#

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

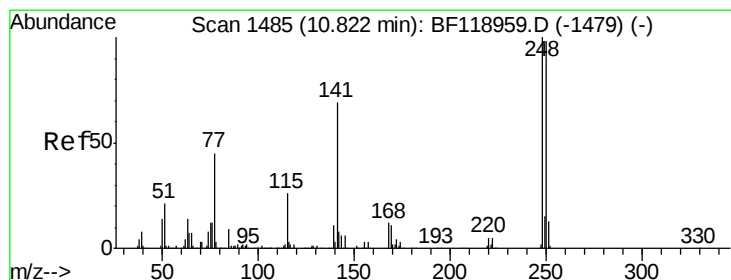
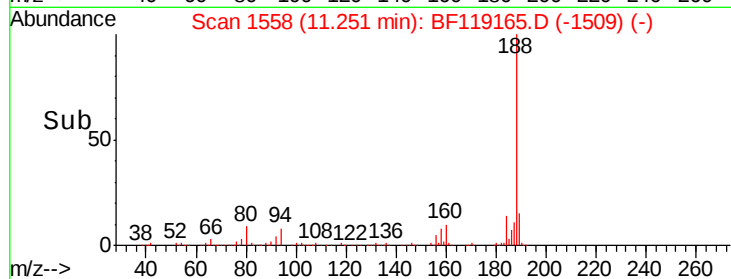
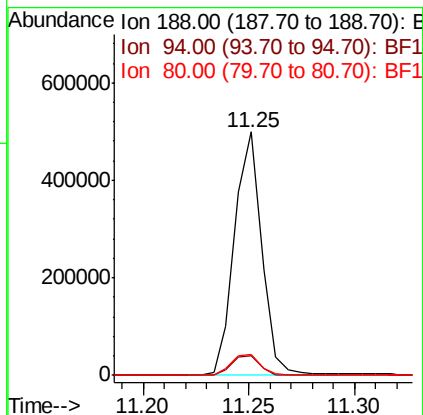
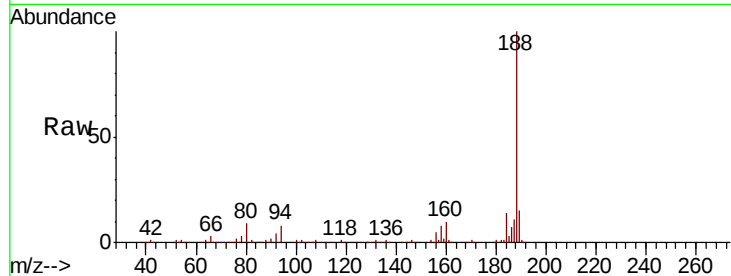




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF119165.D
 Acq: 2 Mar 2020 10:37

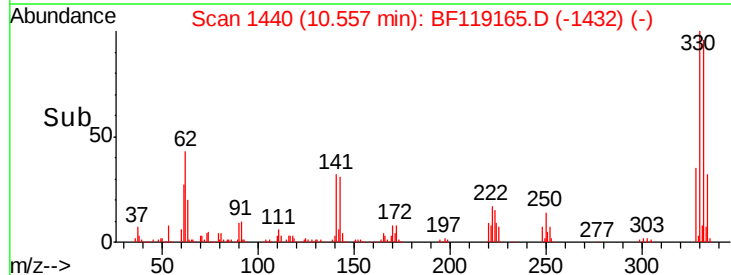
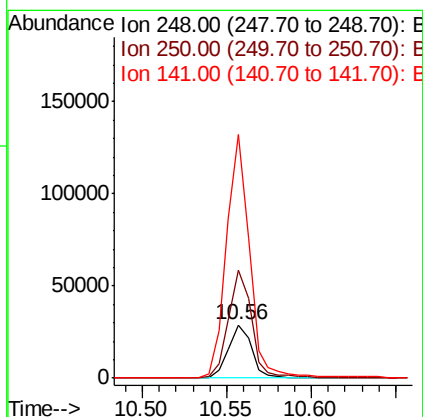
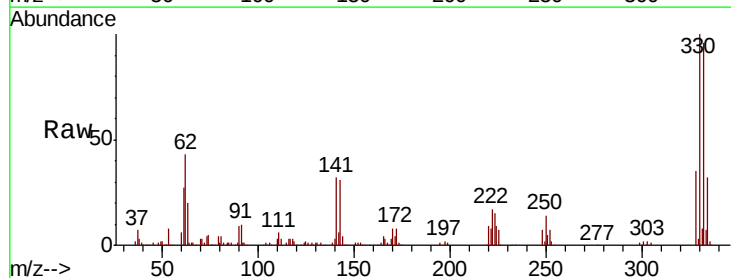
Instrument :
 BNA_F
 ClientSampleId :

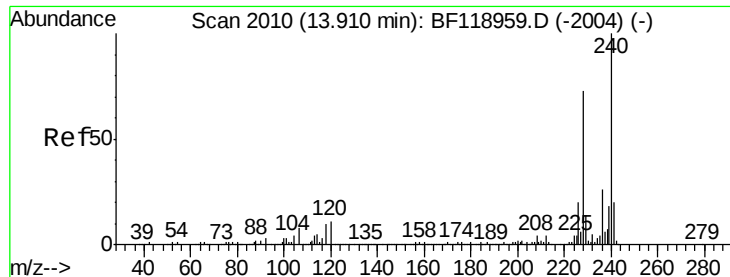
Tot Ion:188 Resp: 445394
 Ion Ratio Lower Upper
 188 100
 94 7.8 7.1 10.7
 80 8.6 7.8 11.8



#67
 4-Bromophenyl-phenylether
 Concen: 4.762 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF119165.D
 Acq: 2 Mar 2020 10:37

Tgt Ion:248 Resp: 27724
 Ion Ratio Lower Upper
 248 100
 250 202.7 76.7 115.1#
 141 456.6 60.7 91.1#

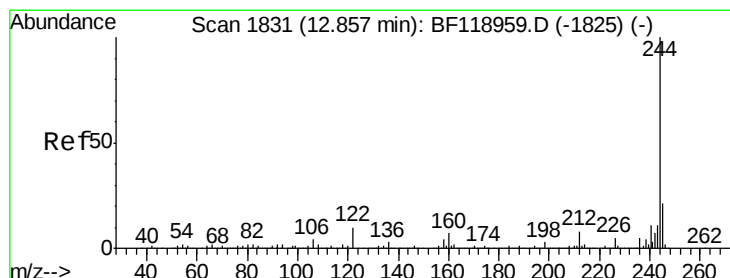
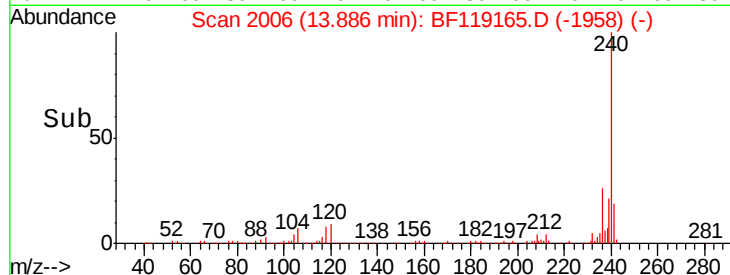
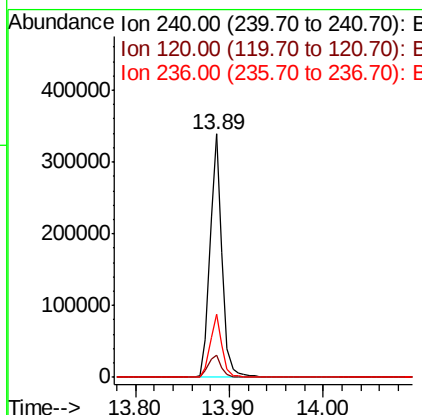
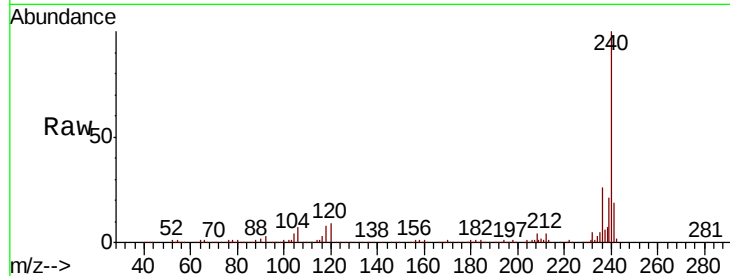




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BF119165.D
 Acq: 2 Mar 2020 10:37

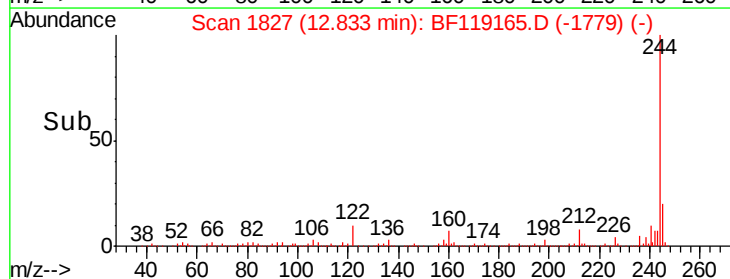
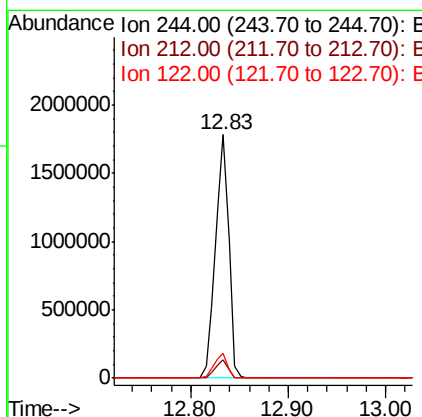
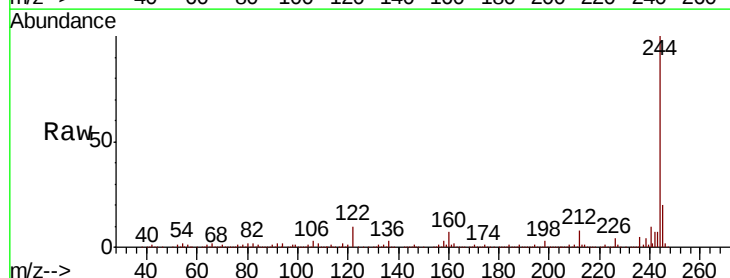
Instrument :
 BNA_F
 ClientSampleId :

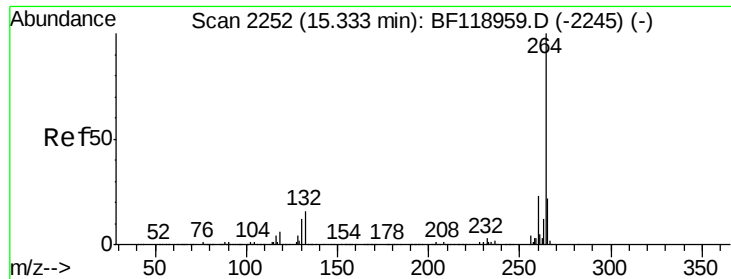
Tot Ion:240 Resp: 304973
 Ion Ratio Lower Upper
 240 100
 120 9.3 8.4 12.6
 236 26.1 21.0 31.4



#79
 Terphenyl-d14
 Concen: 95.423 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF119165.D
 Acq: 2 Mar 2020 10:37

Tgt Ion:244 Resp: 1690302
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 10.0
 122 10.1 8.2 12.2

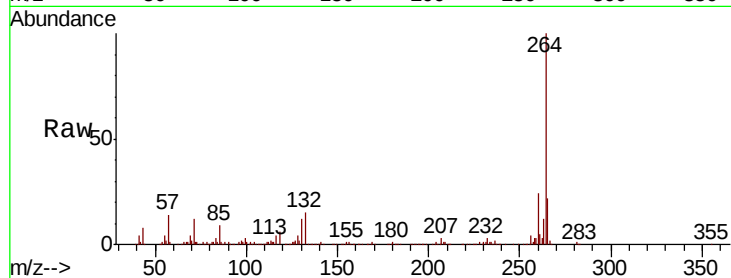




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.01 min
 Lab File: BF119165.D
 Acq: 2 Mar 2020 10:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.9	17.7	26.5



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

