

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119072.D
 Acq On : 25 Feb 2020 18:48
 Operator : CG/JU
 Sample : L1671-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 01:27:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

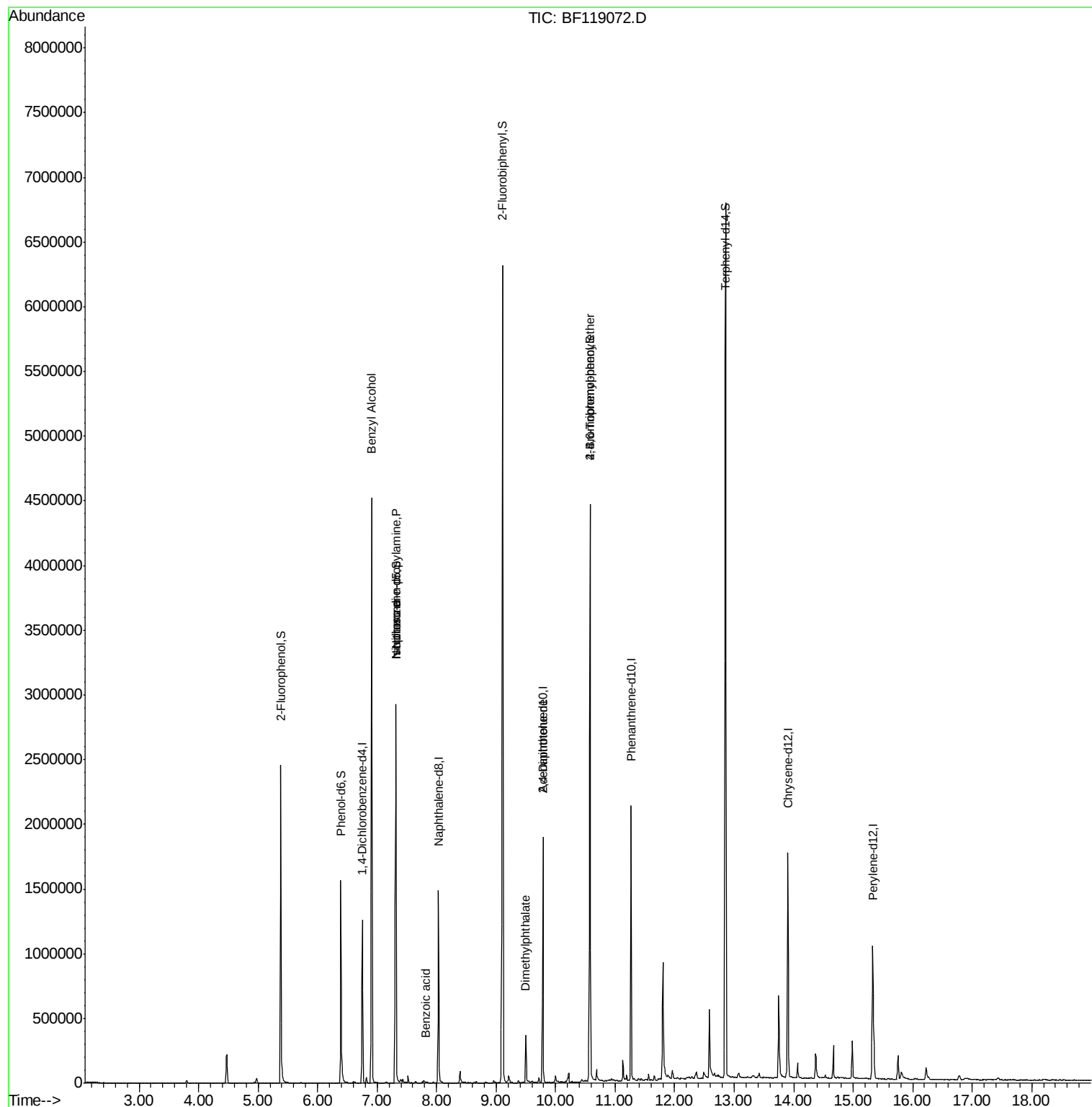
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	197017	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	752976	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	419157	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	776831	20.00	ng	0.00
76) Chrysene-d12	13.90	240	610243	20.00	ng	0.00
87) Perylene-d12	15.33	264	497099	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	729020	61.84	ng	0.00
7) Phenol-d6	6.39	99	561079	39.13	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1269789	89.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.58	330	722965	131.85	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	2446732	85.99	ng	-0.01
79) Terphenyl-d14	12.86	244	2692252	75.96	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.91	79	21821	2.106	ng	# 46
19) n-Nitroso-di-n-propylamine	7.32	70	179087	21.436	ng	# 79
25) Isophorone	7.32	82	1263572	51.018	ng	# 63
32) Benzoic acid	7.82	122	676	6.759	ng	91
50) Dimethylphthalate	9.50	163	167648	5.230	ng	100
57) 2,4-Dinitrotoluene	9.79	165	53899	5.839	ng	# 29
67) 4-Bromophenyl-phenylether	10.58	248	47548	4.683	ng	# 1

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

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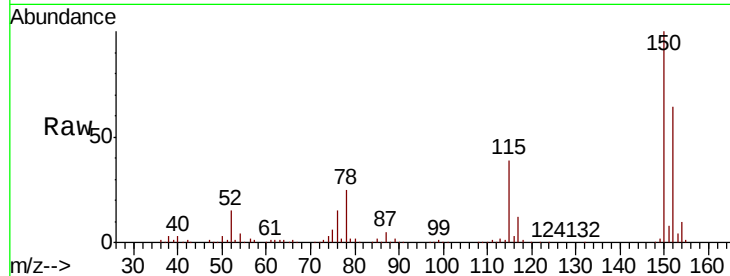


#1

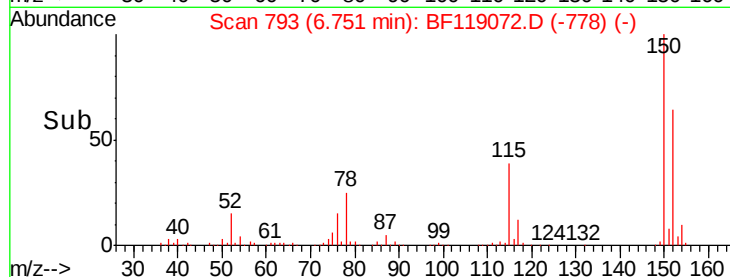
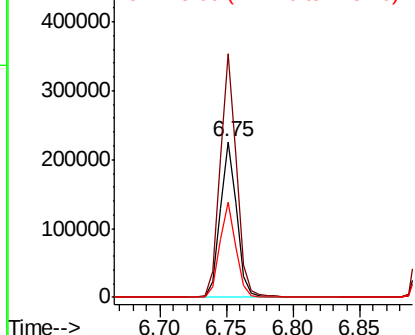
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119072.D
Acq: 25 Feb 2020 18:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 197017
Ion Ratio Lower Upper
152 100
150 156.8 124.3 186.5
115 61.3 44.6 67.0



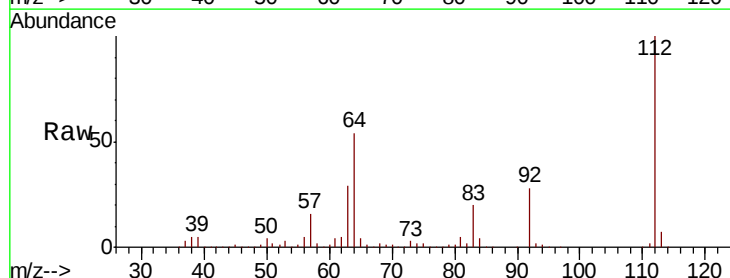
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



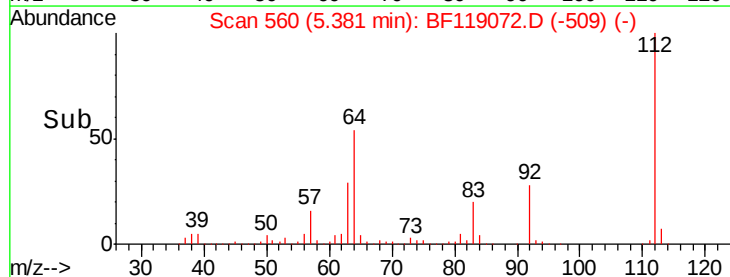
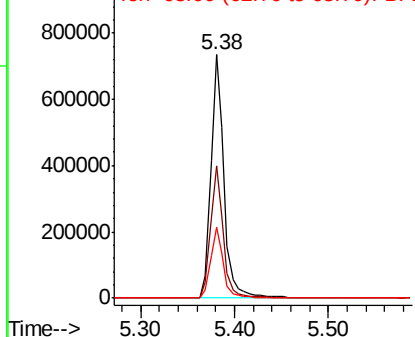
#5

2-Fluorophenol
Concen: 61.838 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119072.D
Acq: 25 Feb 2020 18:48

Tgt Ion:112 Resp: 729020
Ion Ratio Lower Upper
112 100
64 54.4 40.4 60.6
63 29.0 21.3 31.9



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: 39.133 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119072.D

Acq: 25 Feb 2020 18:48

Instrument :

BNA_F

ClientSampleId :

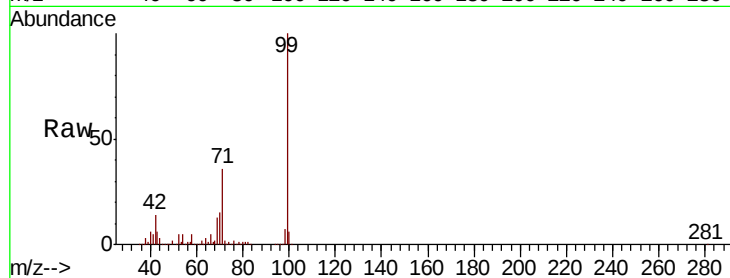
Tot Ion: 99 Resp: 561079

Ion Ratio Lower Upper

99 100

42 13.7 11.4 17.0

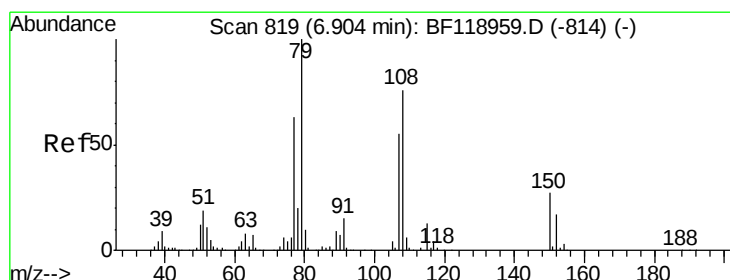
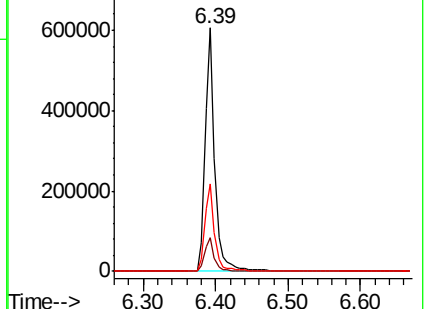
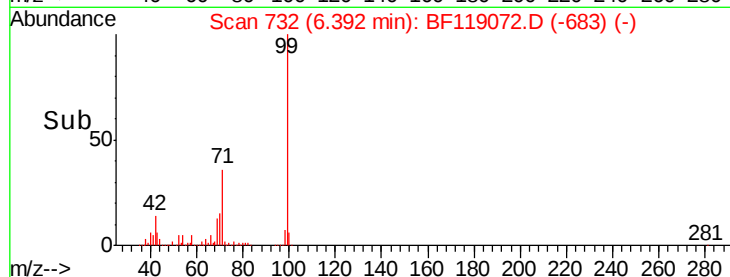
71 36.2 29.8 44.6



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



#15

Benzyl Alcohol

Concen: 2.106 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF119072.D

Acq: 25 Feb 2020 18:48

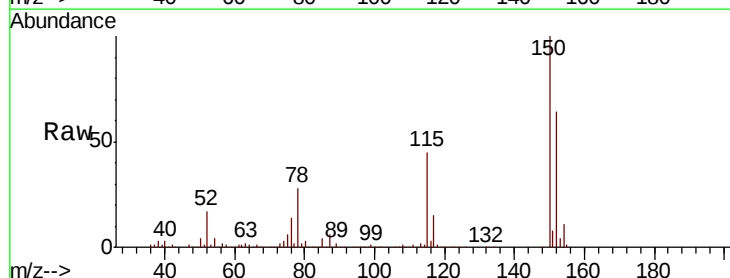
Tgt Ion: 79 Resp: 21821

Ion Ratio Lower Upper

79 100

108 32.8 61.1 91.7#

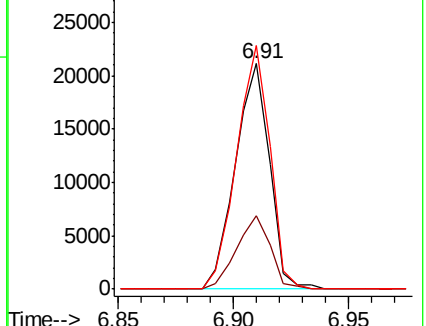
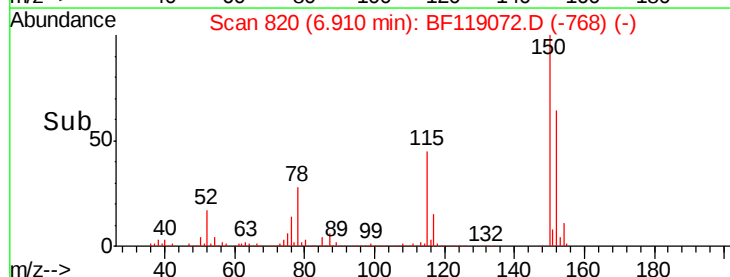
77 108.1 50.2 75.2#

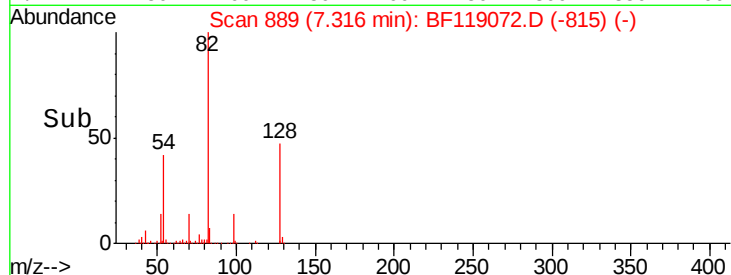
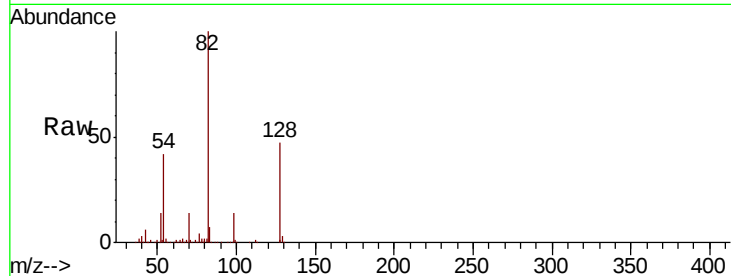


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

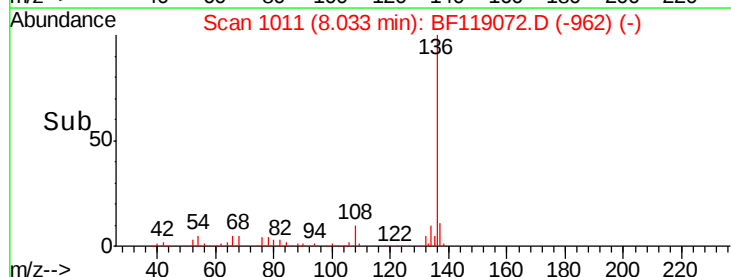
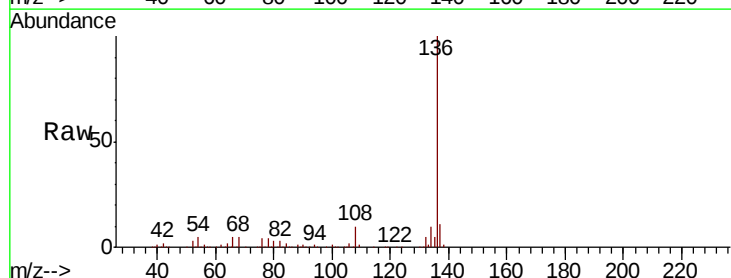
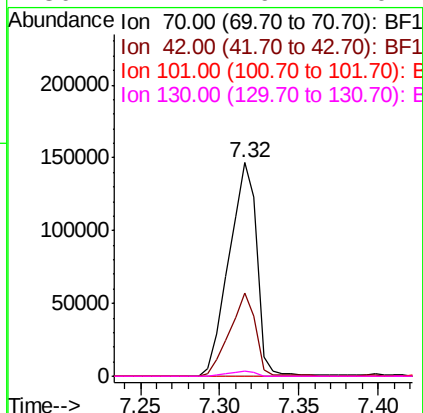




#19
n-Nitroso-di-n-propylamine
Concen: 21.436 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF119072.D
Acq: 25 Feb 2020 18:48

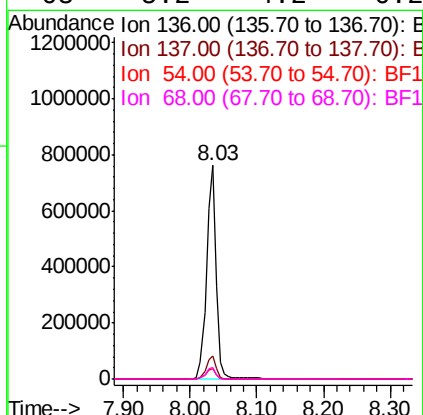
Instrument :
BNA_F
ClientSampleId :

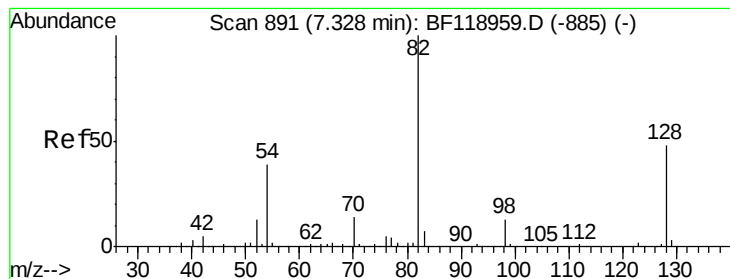
Tot Ion	Ratio	Lower	Upper
70	100		
42	38.9	34.6	51.8
101	0.0	8.1	12.1#
130	2.4	19.4	29.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119072.D
Acq: 25 Feb 2020 18:48

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	4.9	3.8	5.6
68	5.2	4.2	6.2





#23

Nitrobenzene-d5

Concen: 89.040 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119072.D

Acq: 25 Feb 2020 18:48

Instrument :

BNA_F

ClientSampleId :

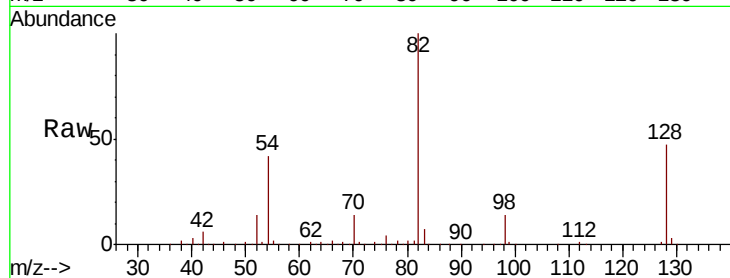
Tot Ion: 82 Resp: 1269789

Ion Ratio Lower Upper

82 100

128 46.6 38.2 57.2

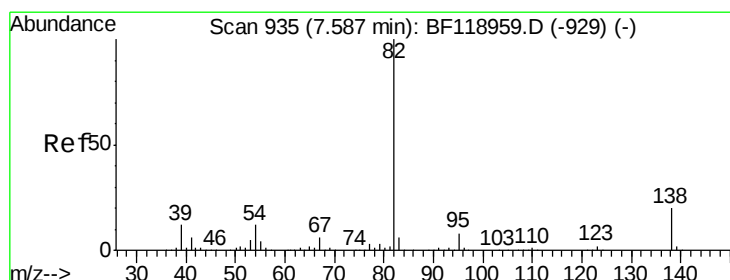
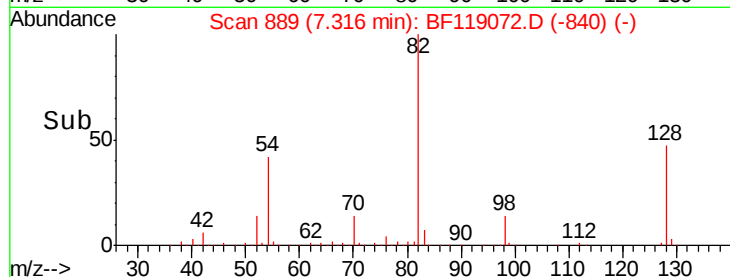
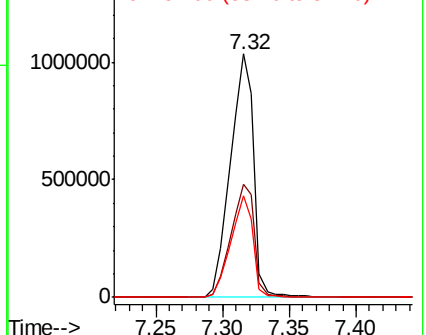
54 41.7 31.3 46.9



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: 51.018 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF119072.D

Acq: 25 Feb 2020 18:48

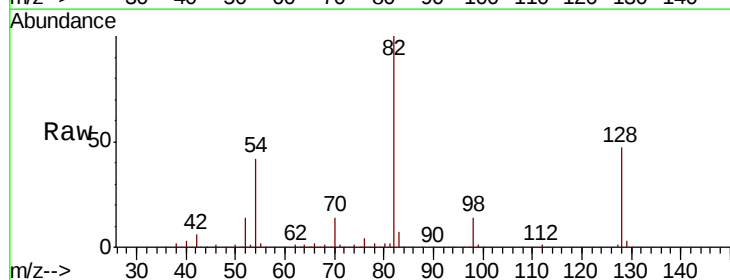
Tgt Ion: 82 Resp: 1263572

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

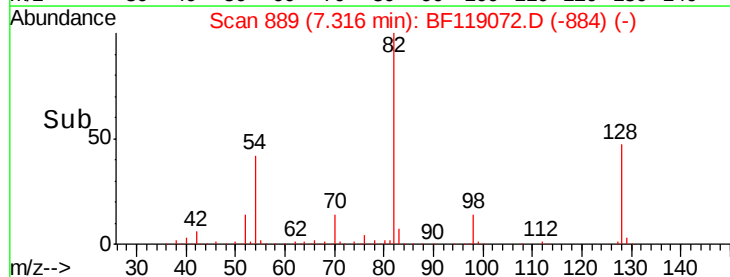
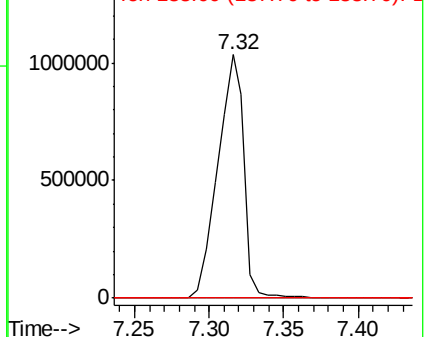
138 0.0 15.8 23.6#

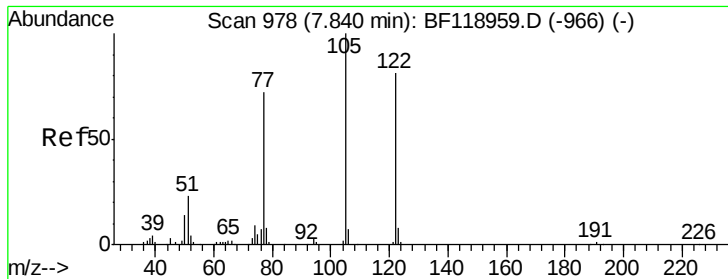


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#32

Benzoic acid

Concen: 6.759 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.02 min

Lab File: BF119072.D

Acq: 25 Feb 2020 18:48

Instrument :

BNA_F

ClientSampled :

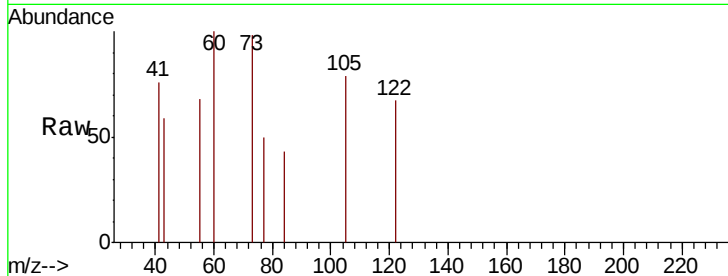
Tot Ion:122 Resp: 676

Ion Ratio Lower Upper

122 100

105 117.1 102.2 142.2

77 75.3 68.6 108.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

800

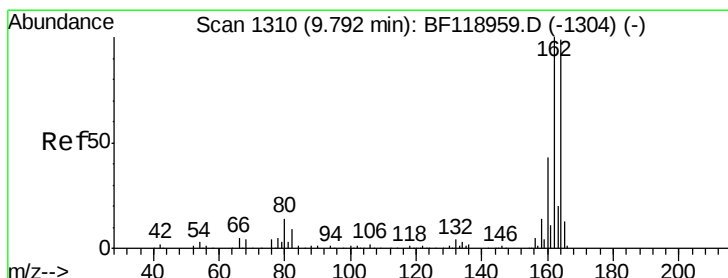
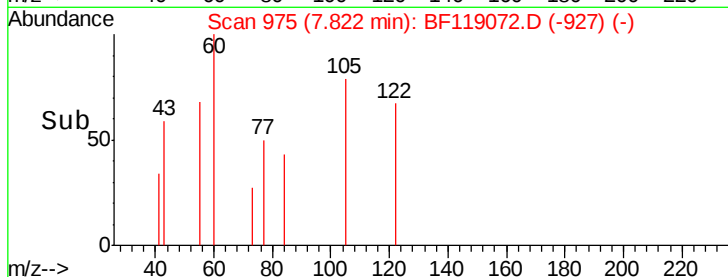
600

400

200

0

Time--> 7.80 7.82 7.84 7.86



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119072.D

Acq: 25 Feb 2020 18:48

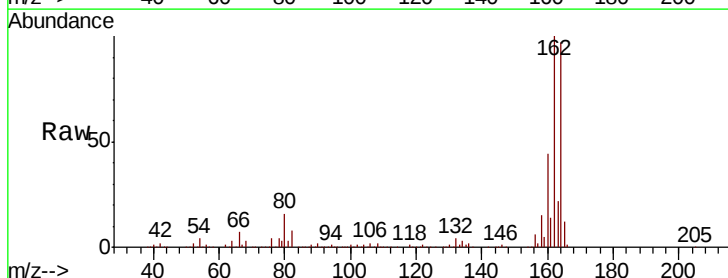
Tgt Ion:164 Resp: 419157

Ion Ratio Lower Upper

164 100

162 102.7 81.2 121.8

160 45.5 35.2 52.8



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

600000

500000

400000

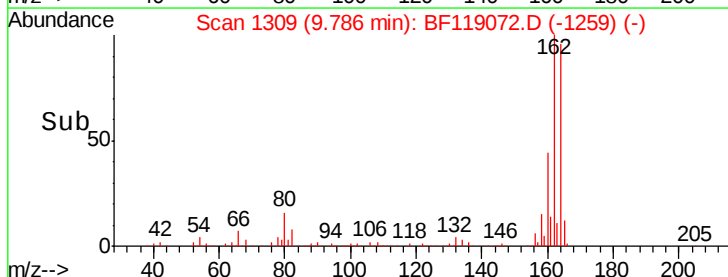
300000

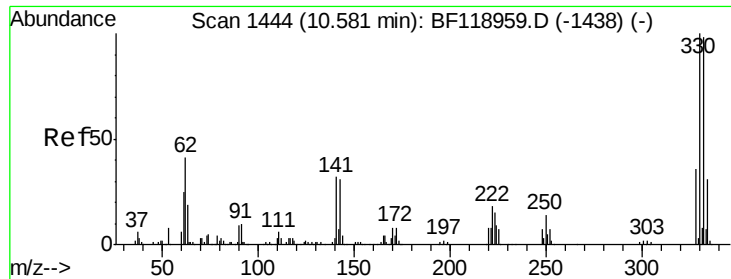
200000

100000

0

Time--> 9.70 9.75 9.80 9.85

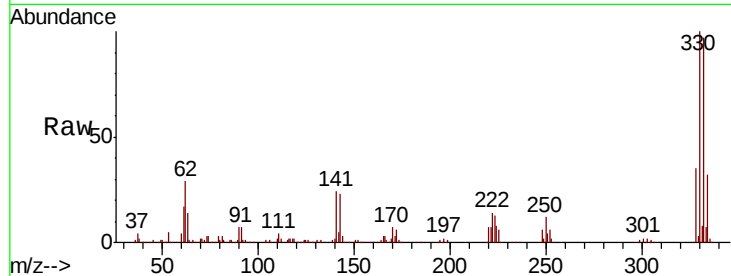




#42
 2,4,6-Tribromophenol
 Concen: 131.849 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF119072.D
 Acq: 25 Feb 2020 18:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	28.7	23.0	34.6

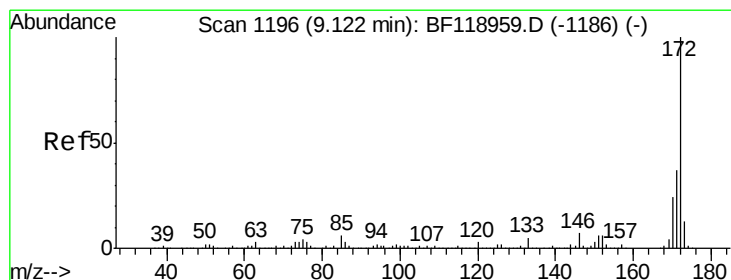
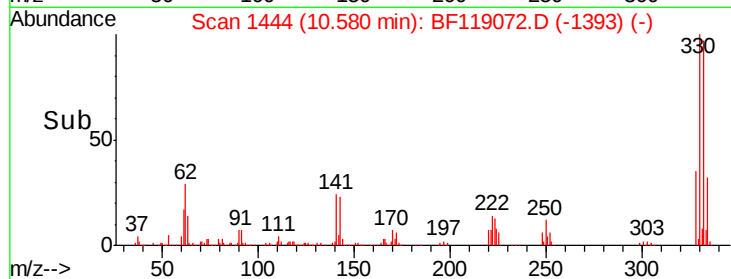
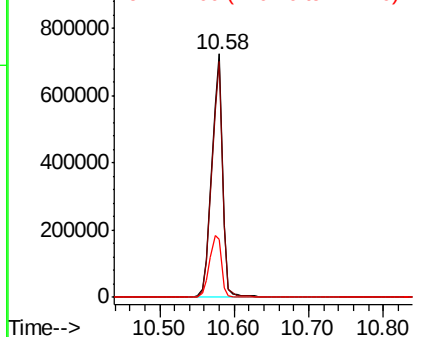


Abundance

Ion 329.80 (329.50 to 330.50): E

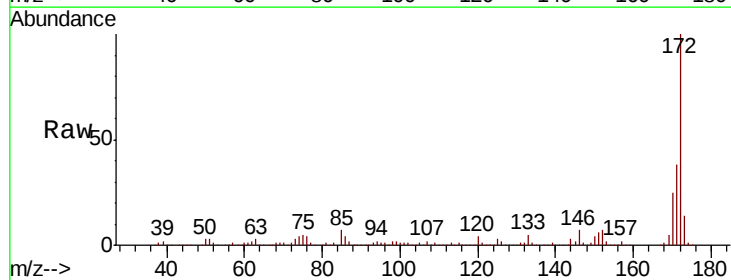
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.993 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119072.D
 Acq: 25 Feb 2020 18:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.4	44.2
170	25.1	19.6	29.4

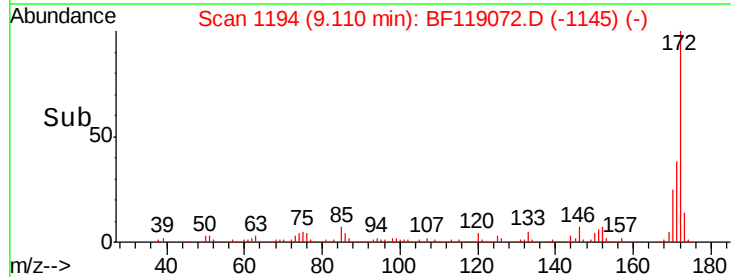
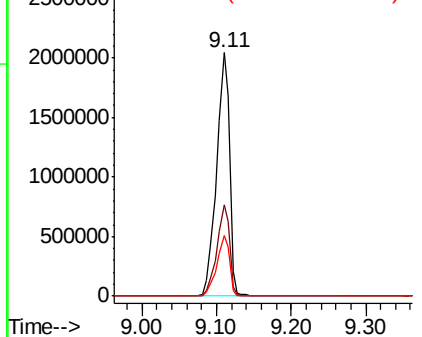


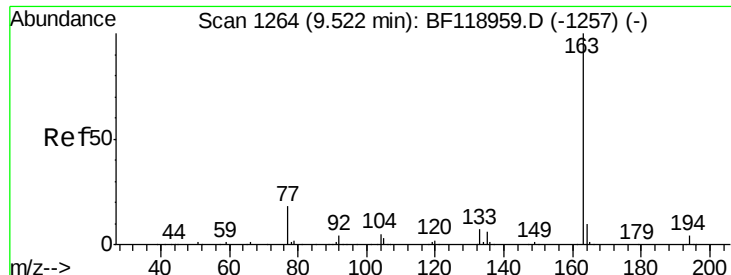
Abundance

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

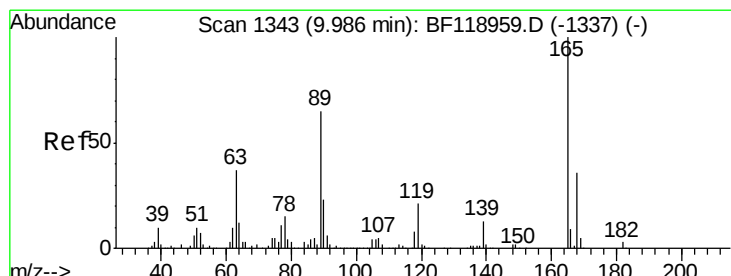
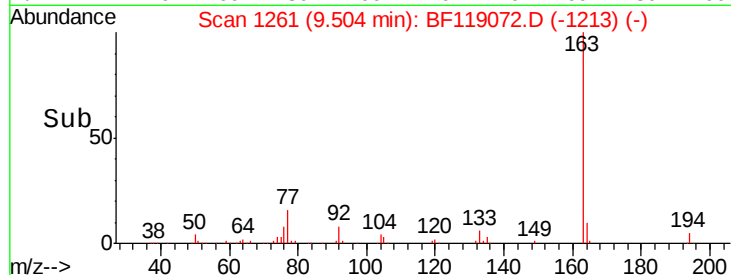
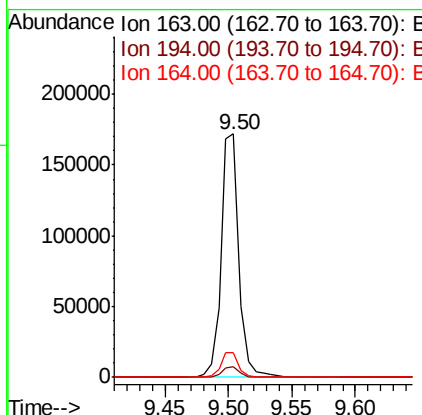
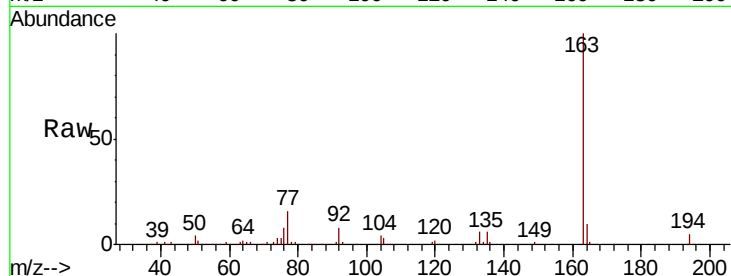




#50
Dimethylphthalate
Concen: 5.230 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119072.D
Acq: 25 Feb 2020 18:48

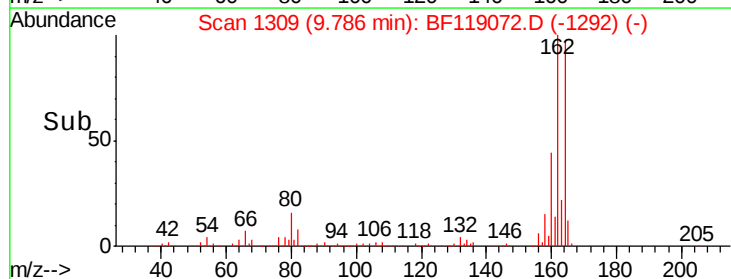
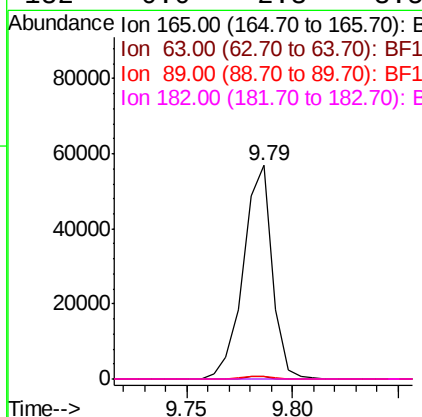
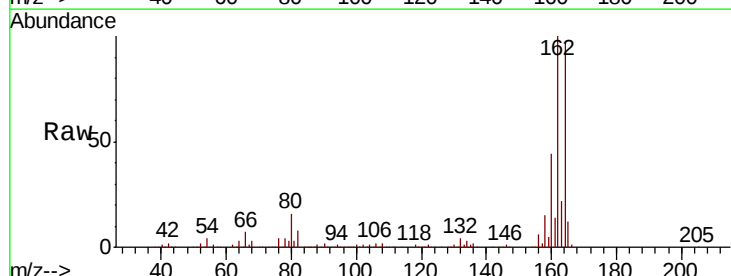
Instrument :
BNA_F
ClientSampleId :

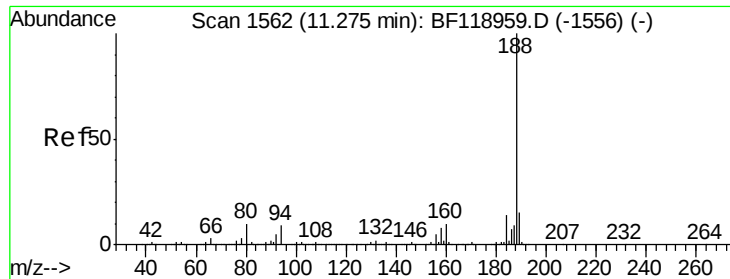
Tot Ion:163 Resp: 167648
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.1 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 5.839 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF119072.D
Acq: 25 Feb 2020 18:48

Tgt Ion:165 Resp: 53899
Ion Ratio Lower Upper
165 100
63 1.4 29.8 44.8#
89 1.4 51.9 77.9#
182 0.0 2.3 3.5#

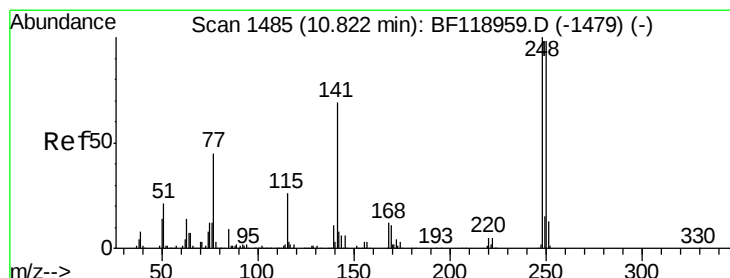
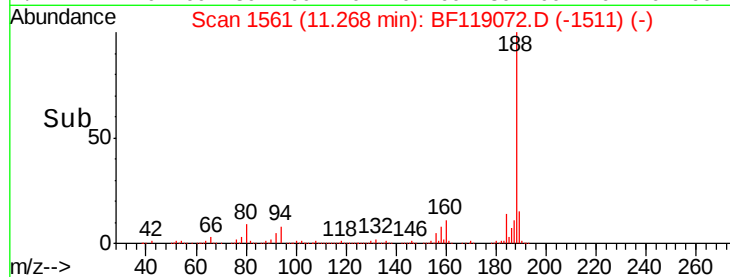
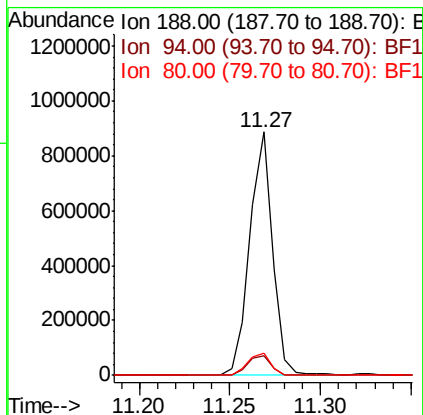
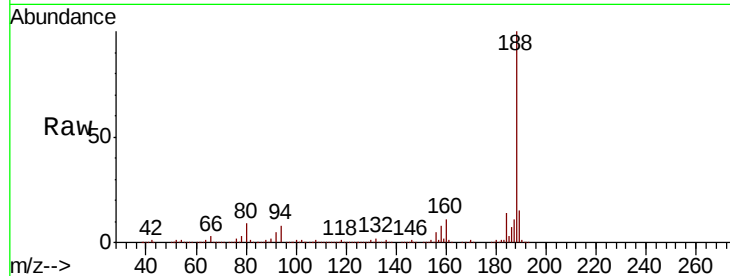




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119072.D
Acq: 25 Feb 2020 18:48

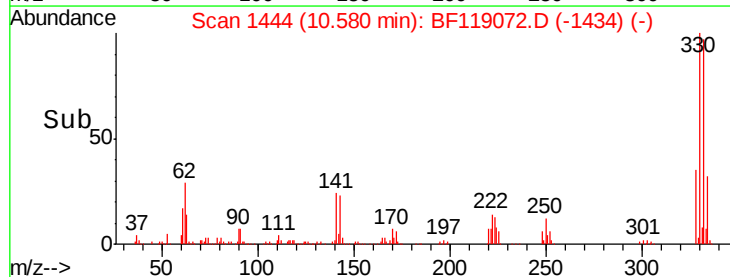
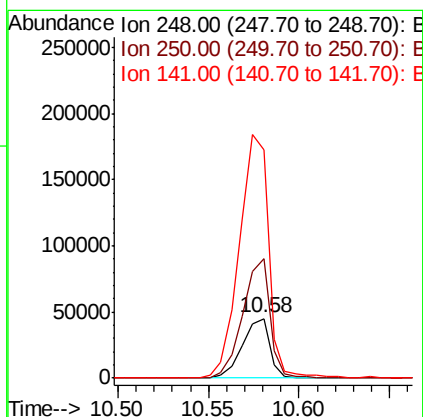
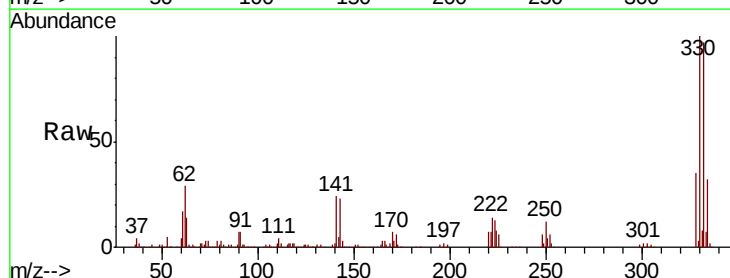
Instrument :
BNA_F
ClientSampled :

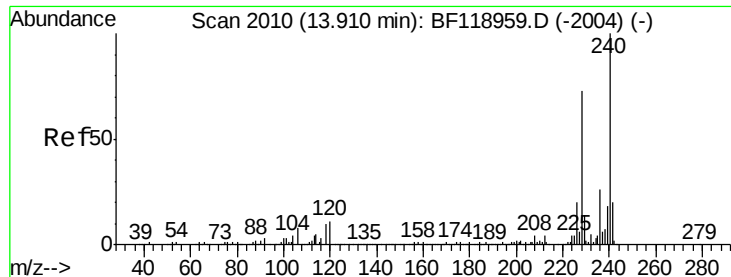
Tot Ion:188 Resp: 776831
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 9.0 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.683 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.24 min
Lab File: BF119072.D
Acq: 25 Feb 2020 18:48

Tgt Ion:248 Resp: 47548
Ion Ratio Lower Upper
248 100
250 201.5 78.8 118.2#
141 383.7 55.3 82.9#

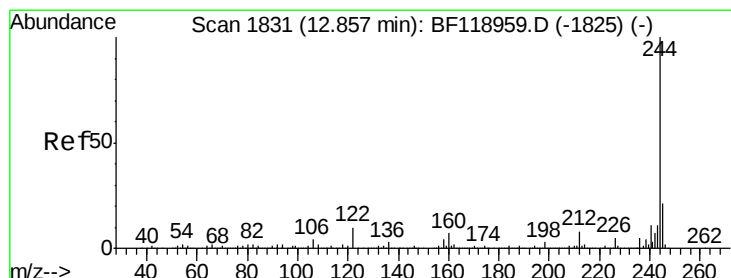
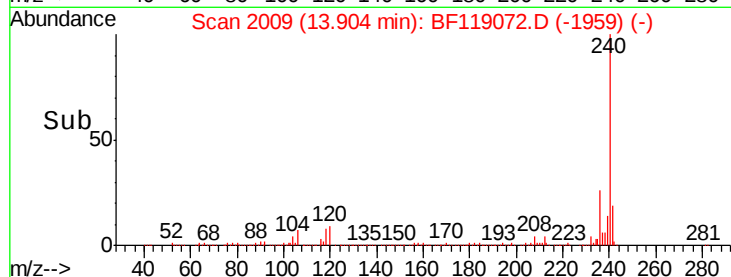
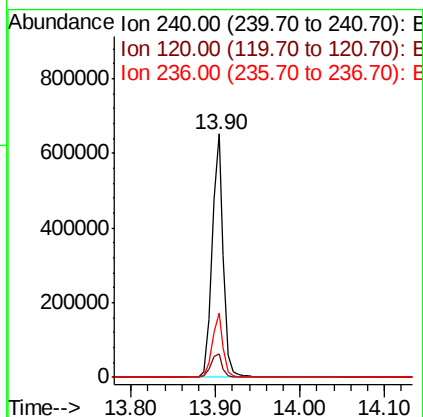
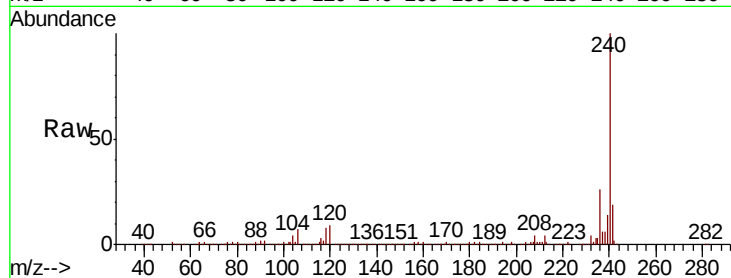




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119072.D
 Acq: 25 Feb 2020 18:48

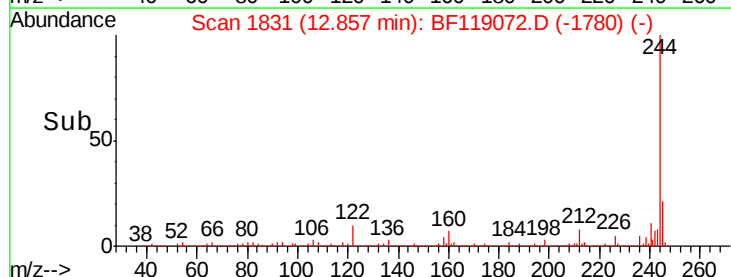
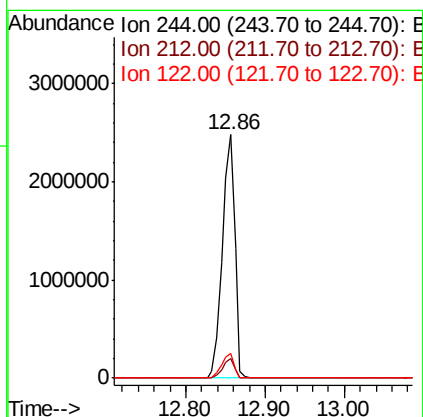
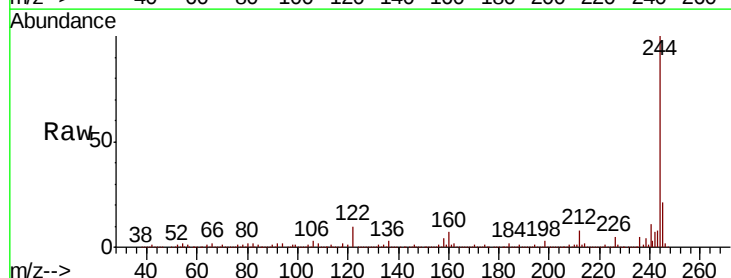
Instrument :
 BNA_F
 ClientSampleId :

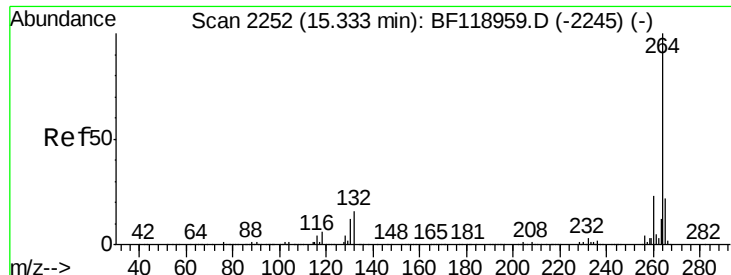
Tot Ion:240 Resp: 610243
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.9 13.3
 236 26.2 20.6 30.8



#79
 Terphenyl-d14
 Concen: 75.956 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF119072.D
 Acq: 25 Feb 2020 18:48

Tgt Ion:244 Resp: 2692252
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 10.1 8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119072.D
Acq: 25 Feb 2020 18:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	28.0
265	21.5	17.3	25.9

