

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119284.D
 Acq On : 9 Mar 2020 13:30
 Operator : CG/JU
 Sample : PB127331BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 18:09:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

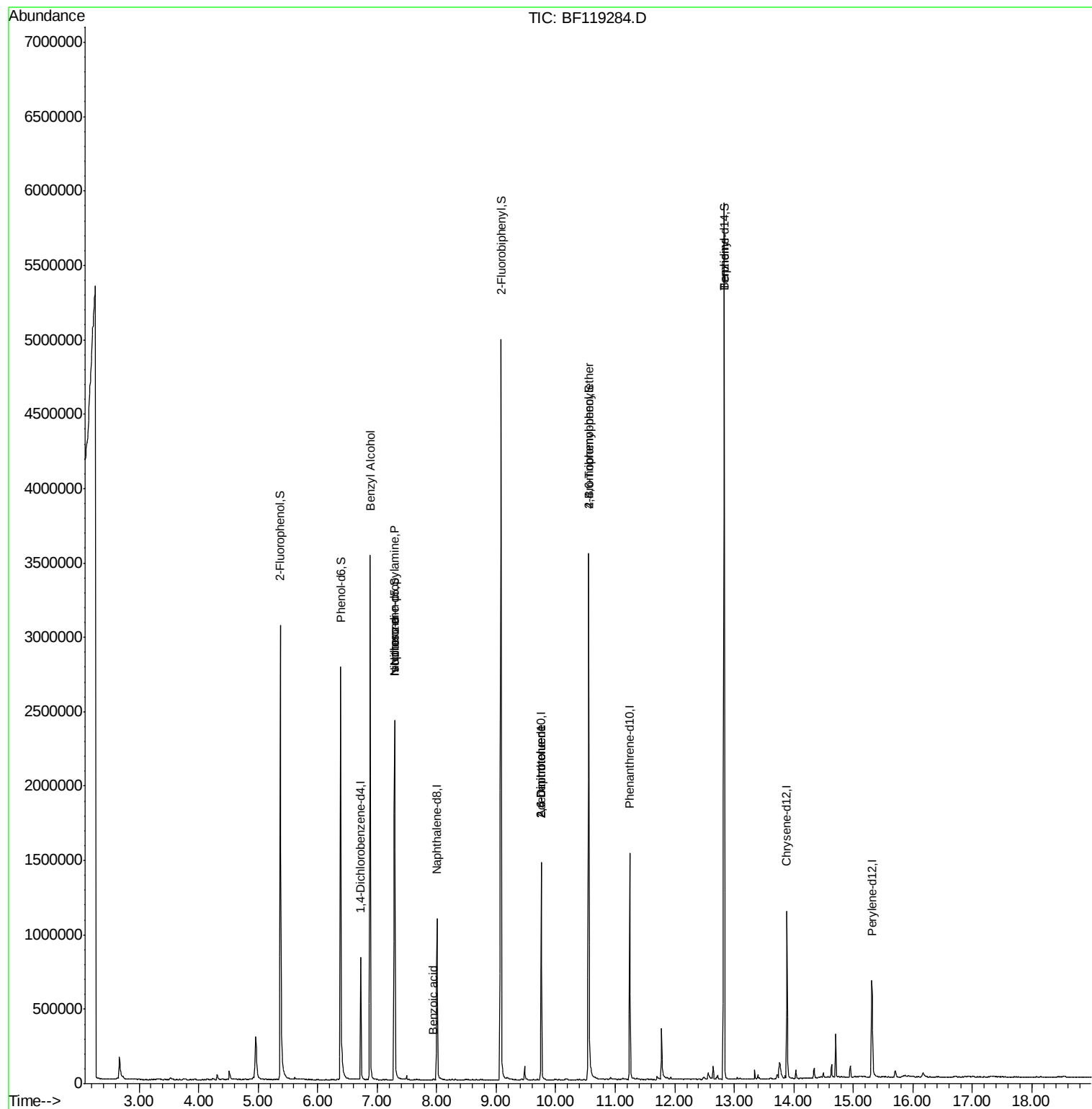
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	138872	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	545654	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	318552	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	608656	20.00	ng	0.00
76) Chrysene-d12	13.88	240	415465	20.00	ng	0.00
87) Perylene-d12	15.31	264	339773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1041630	125.35	ng	0.02
7) Phenol-d6	6.39	99	1166690	115.44	ng	0.00
23) Nitrobenzene-d5	7.29	82	952960	92.21	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	600383	144.07	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1915081	88.56	ng	0.00
79) Terphenyl-d14	12.83	244	2534045	105.01	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.88	79	15976	2.187	ng	# 49
19) n-Nitroso-di-n-propylamine	7.29	70	133954	22.747	ng	# 74
25) Isophorone	7.29	82	952948	53.096	ng	# 63
32) Benzoic acid	7.94	122	143	6.703	ng	# 49
51) 2,6-Dinitrotoluene	9.76	165	40725	7.525	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	40725	5.806	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	39588	4.976	ng	# 1
77) Benzidine	12.83	184	35560	2.105	ng	# 92

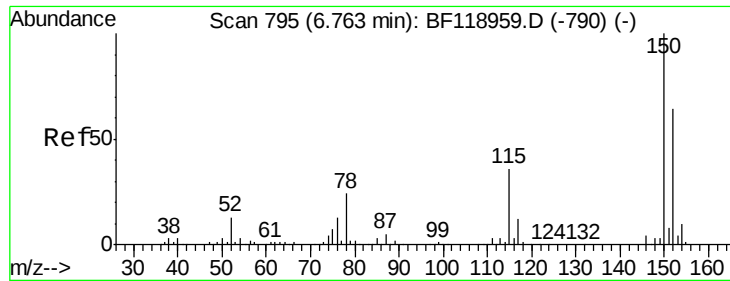
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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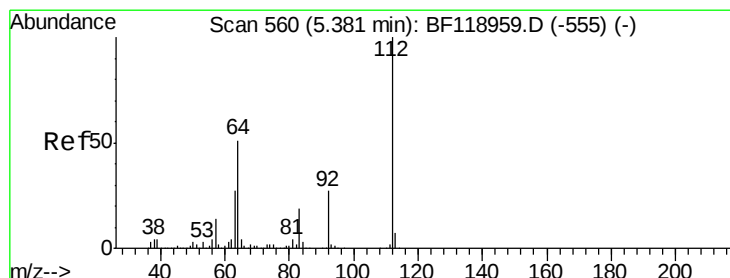
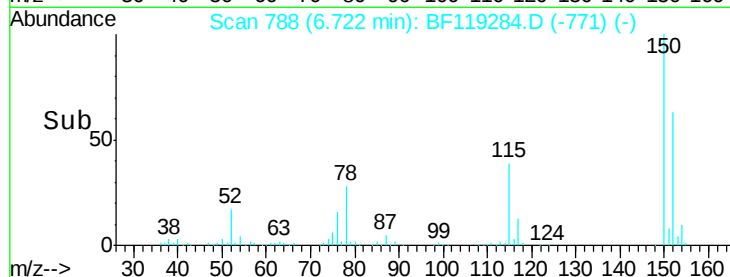
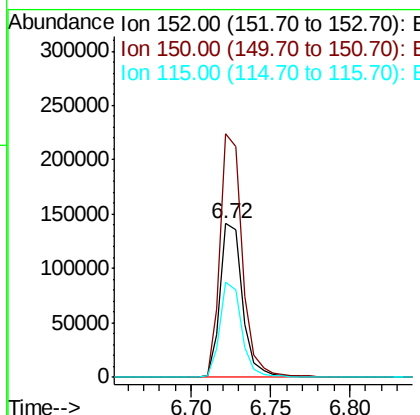
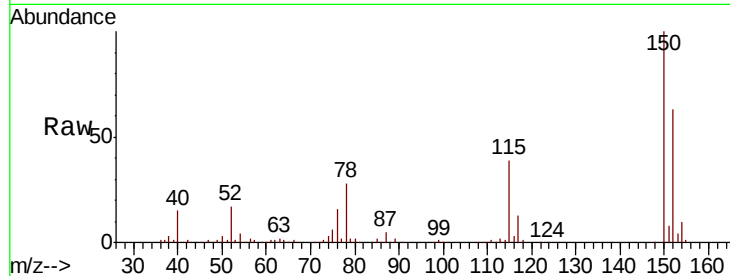




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF119284.D
 Acq: 9 Mar 2020 13:30

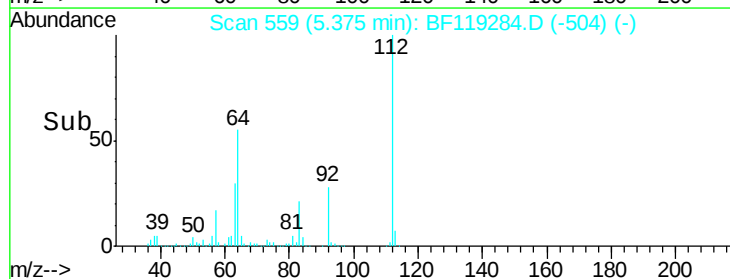
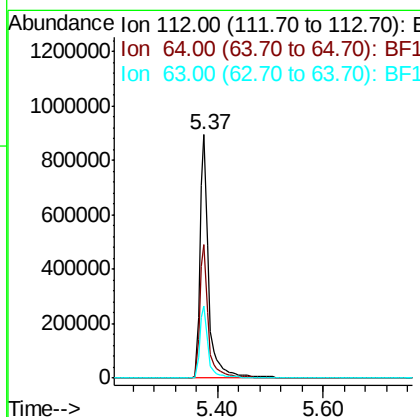
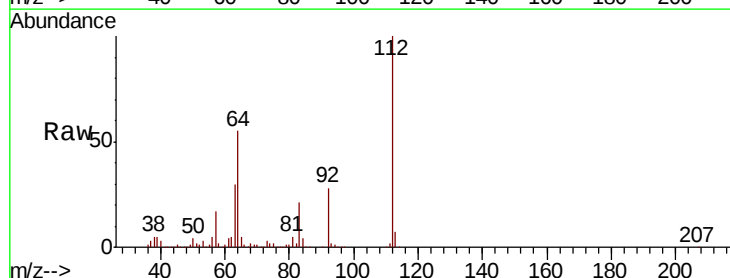
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 138872
 Ion Ratio Lower Upper
 152 100
 150 158.6 123.0 184.6
 115 61.9 49.5 74.3



#5
 2-Fluorophenol
 Concen: 125.349 ng
 RT: 5.37 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: BF119284.D
 Acq: 9 Mar 2020 13:30

Tgt Ion:112 Resp: 1041630
 Ion Ratio Lower Upper
 112 100
 64 55.0 45.0 67.4
 63 29.7 24.2 36.4





#7

Phenol-d6

Concen: 115.442 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119284.D

Acq: 9 Mar 2020 13:30

Instrument :

BNA_F

ClientSampled :

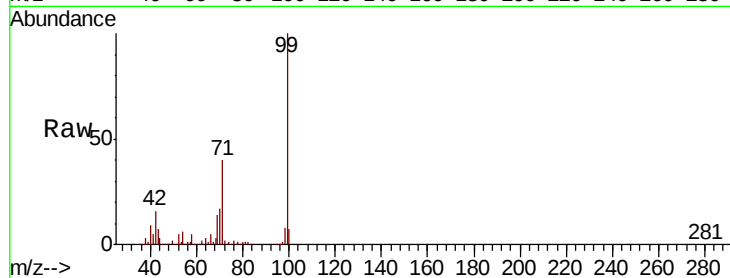
Tot Ion: 99 Resp: 1166690

Ion Ratio Lower Upper

99 100

42 15.5 12.6 18.8

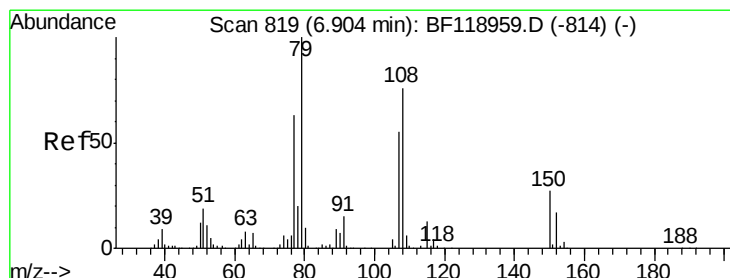
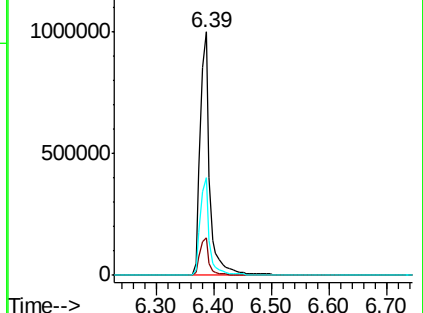
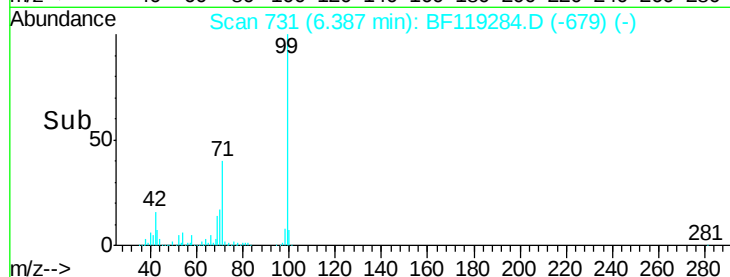
71 40.0 31.0 46.4



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



#15

Benzyl Alcohol

Concen: 2.187 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119284.D

Acq: 9 Mar 2020 13:30

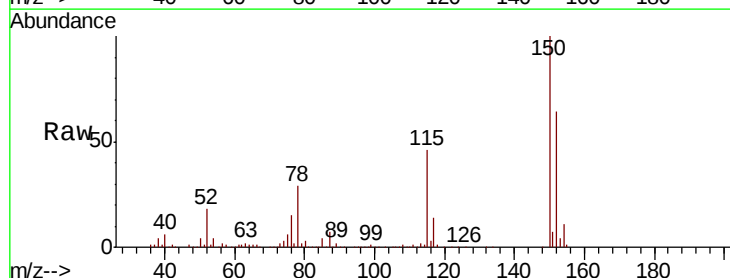
Tgt Ion: 79 Resp: 15976

Ion Ratio Lower Upper

79 100

108 32.5 58.2 87.2#

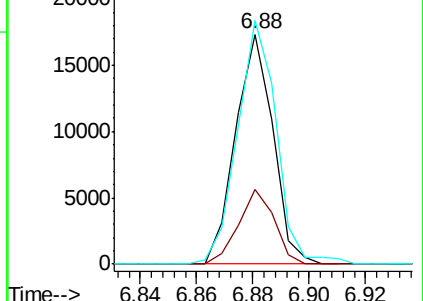
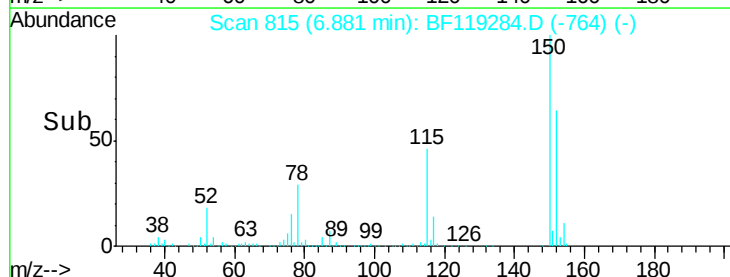
77 106.0 51.2 76.8#

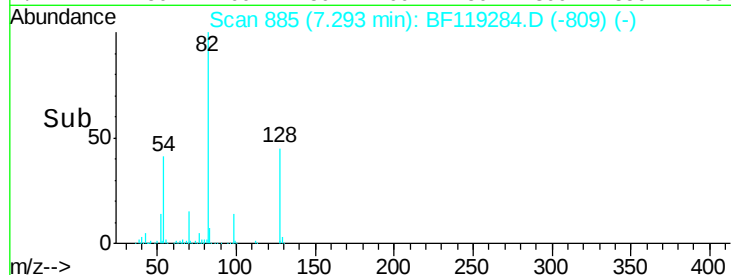
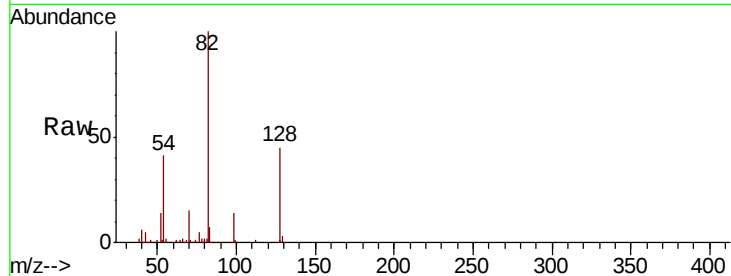


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

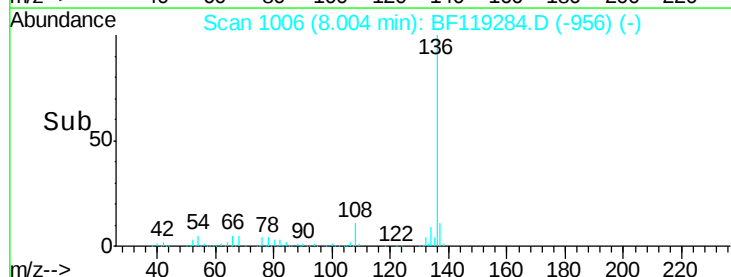
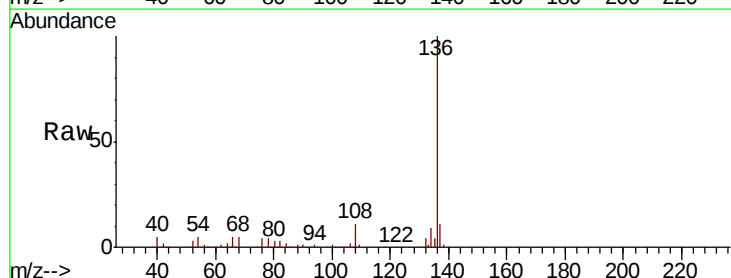
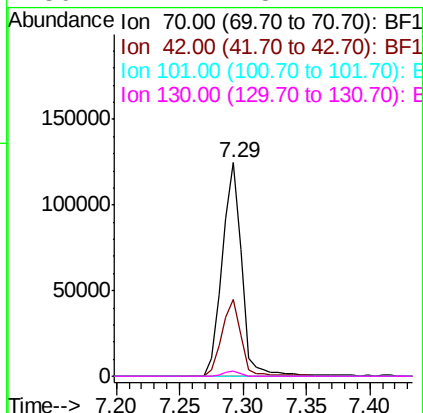




#19
n-Nitroso-di-n-propylamine
Concen: 22.747 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119284.D
Acq: 9 Mar 2020 13:30

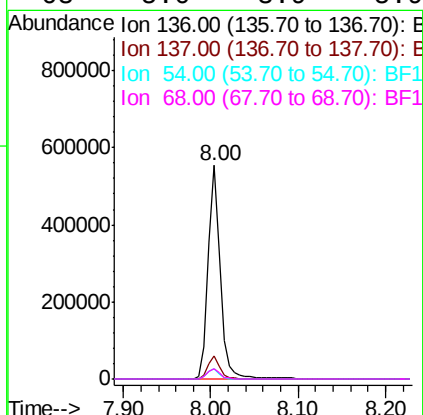
Instrument :
BNA_F
ClientSampleId :

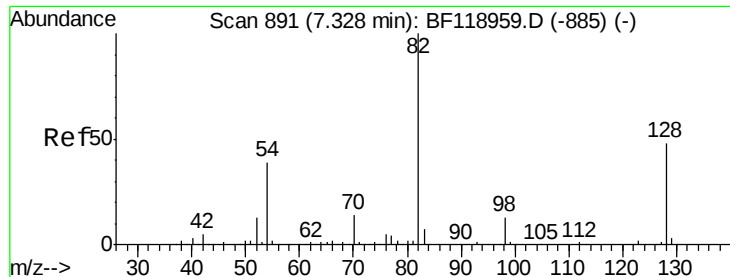
Tot Ion: 70 Resp: 133954
Ion Ratio Lower Upper
70 100
42 36.1 38.0 57.0#
101 0.0 8.2 12.4#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119284.D
Acq: 9 Mar 2020 13:30

Tgt Ion: 136 Resp: 545654
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 5.1 3.8 5.6
68 5.0 3.9 5.9

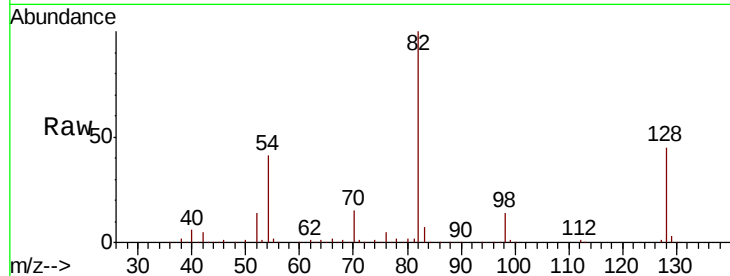




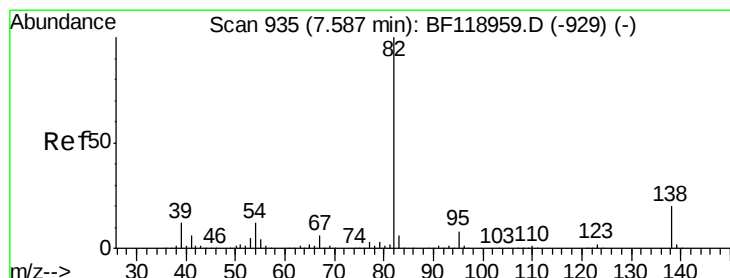
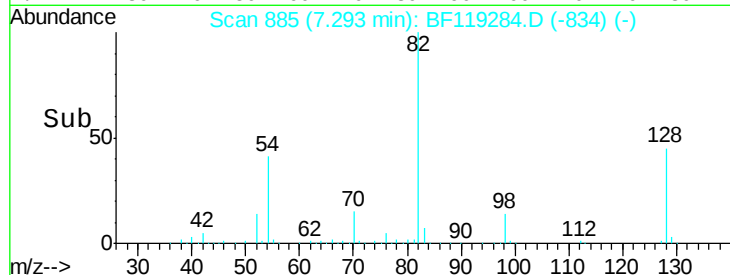
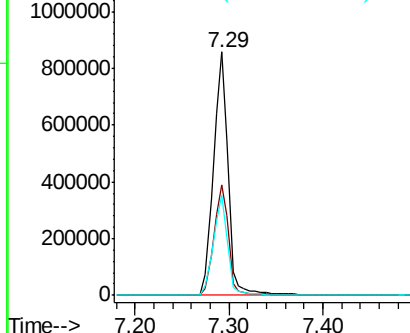
#23
Nitrobenzene-d5
Concen: 92.213 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119284.D
Acq: 9 Mar 2020 13:30

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	952960
Ion Ratio	100	Lower	Upper
82	100		
128	45.4	37.9	56.9
54	41.4	33.4	50.2

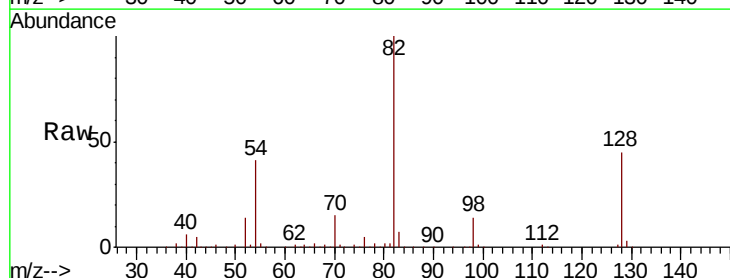


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

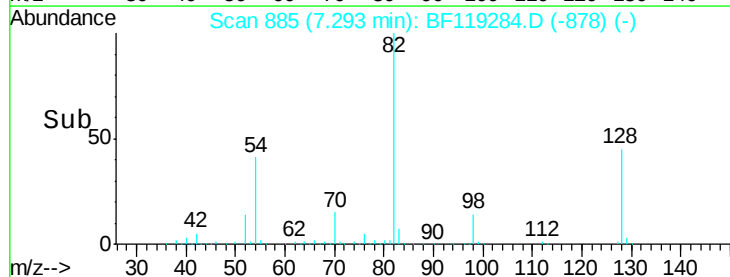
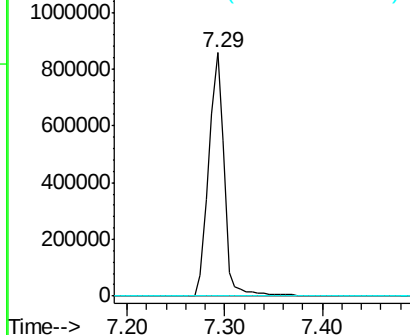


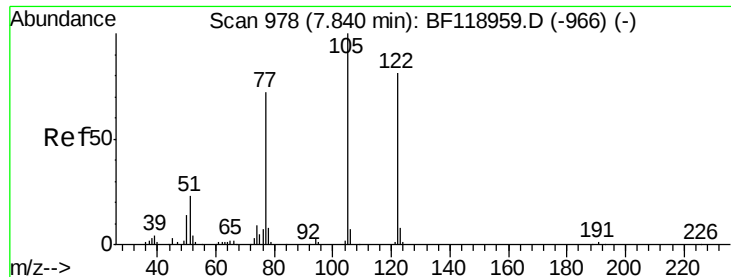
#25
Isophorone
Concen: 53.096 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF119284.D
Acq: 9 Mar 2020 13:30

Tgt Ion	82	Resp	952948
Ion Ratio	100	Lower	Upper
82	100		
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

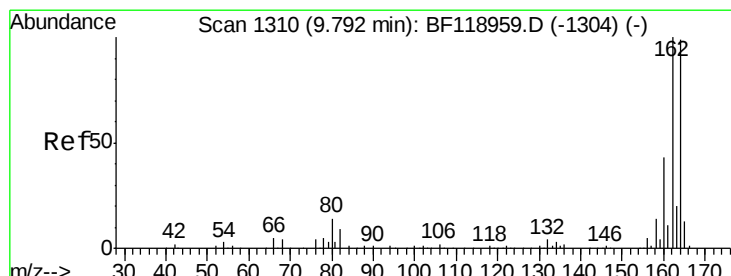
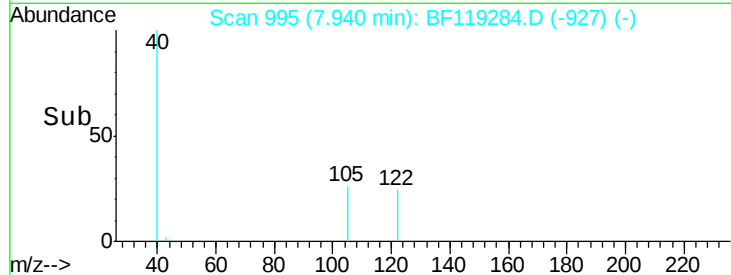
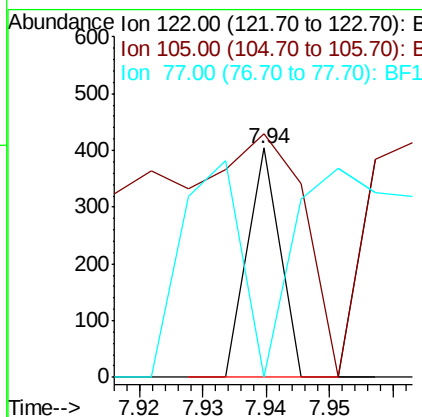
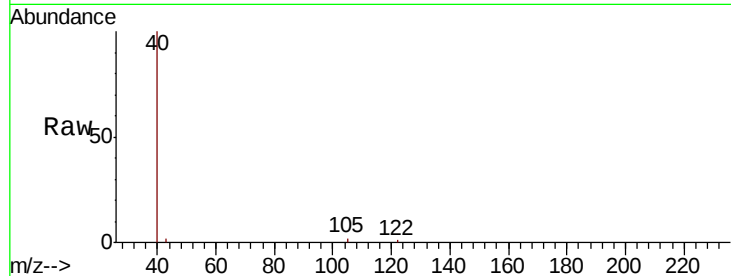




#32
Benzoic acid
Concen: 6.703 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.10 min
Lab File: BF119284.D
Acq: 9 Mar 2020 13:30

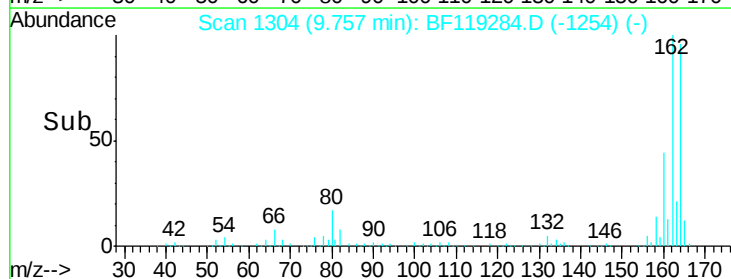
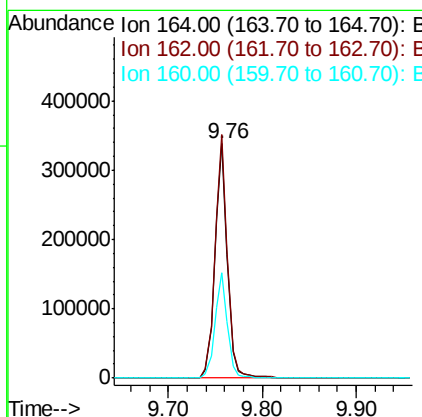
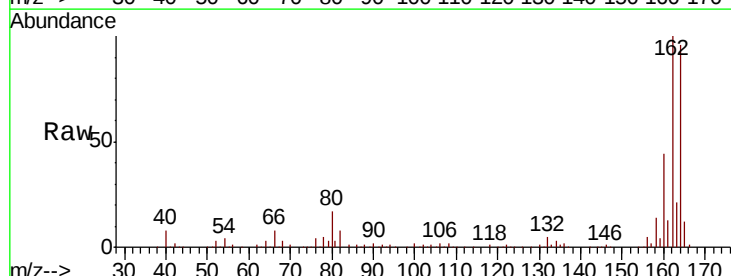
Instrument :
BNA_F
ClientSampleId :

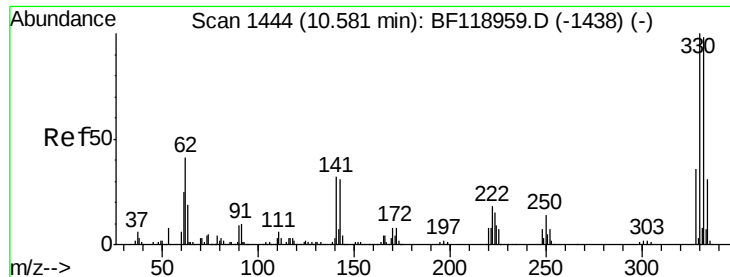
Tot Ion:122 Resp: 143
Ion Ratio Lower Upper
122 100
105 106.2 106.3 146.3#
77 0.0 73.1 113.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119284.D
Acq: 9 Mar 2020 13:30

Tgt Ion:164 Resp: 318552
Ion Ratio Lower Upper
164 100
162 103.8 81.8 122.8
160 45.2 36.0 54.0

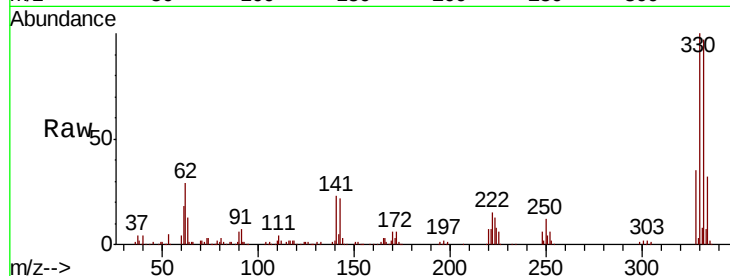




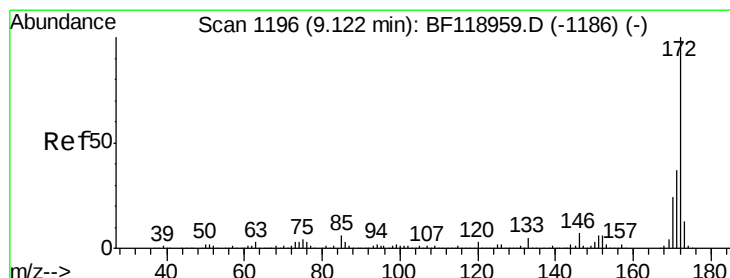
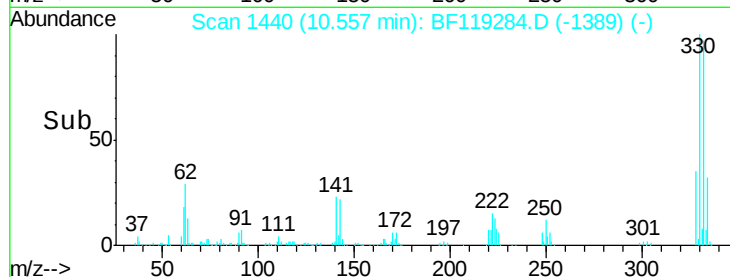
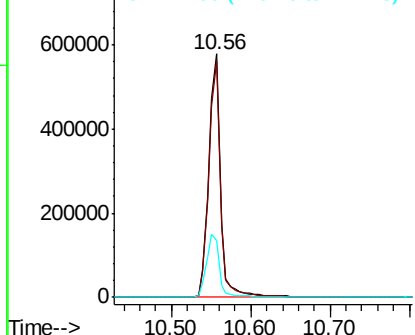
#42
 2,4,6-Tribromophenol
 Concen: 144.074 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119284.D
 Acq: 9 Mar 2020 13:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 600383
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.0 114.0
 141 29.1 22.9 34.3

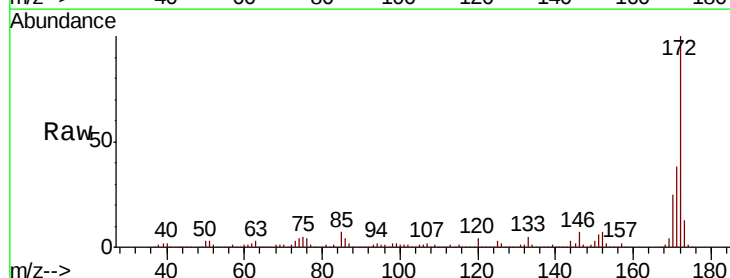


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

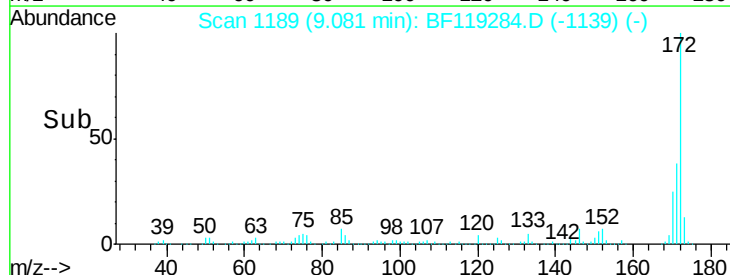
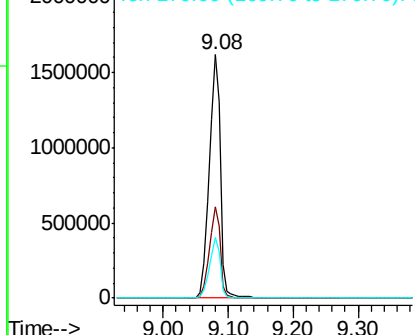


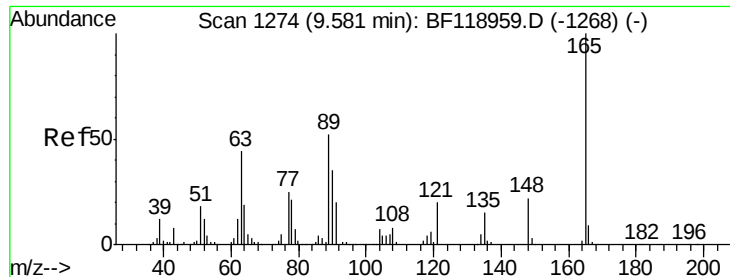
#45
 2-Fluorobiphenyl
 Concen: 88.565 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119284.D
 Acq: 9 Mar 2020 13:30

Tgt Ion:172 Resp: 1915081
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.6 45.8
 170 24.8 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

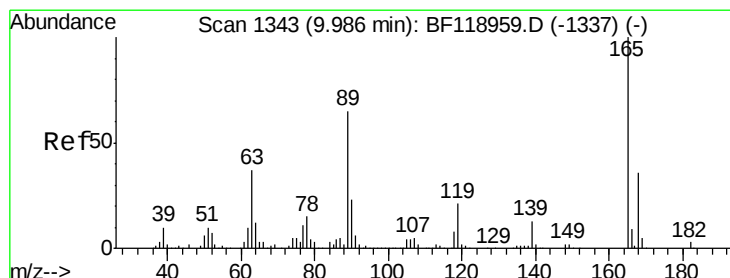
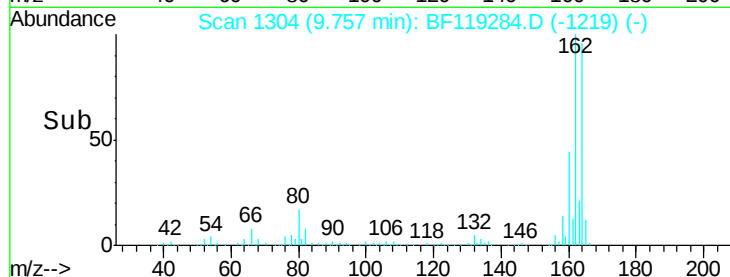
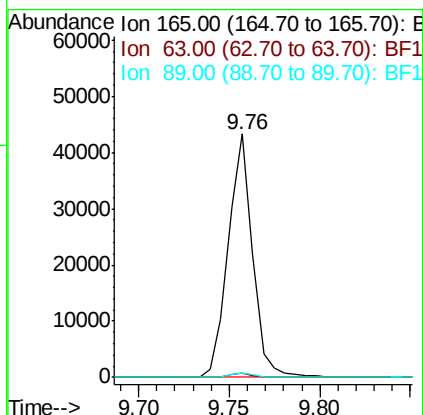
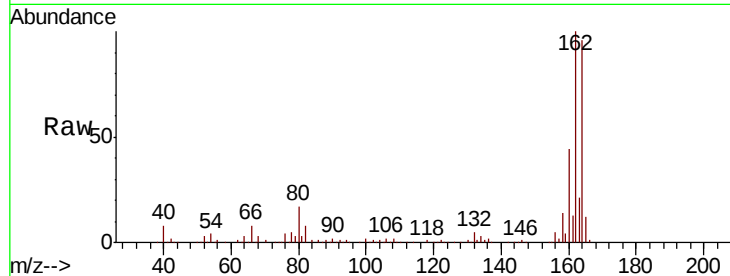




#51
 2,6-Dinitrotoluene
 Concen: 7.525 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119284.D
 Acq: 9 Mar 2020 13:30

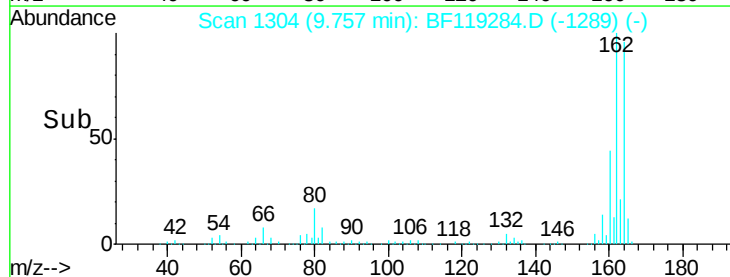
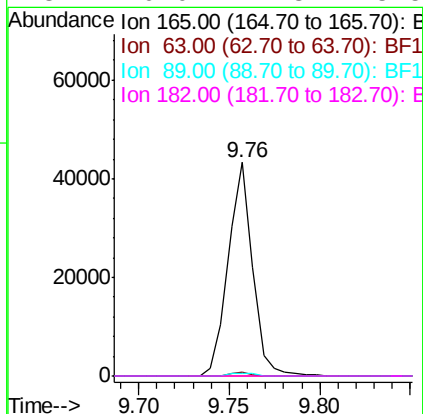
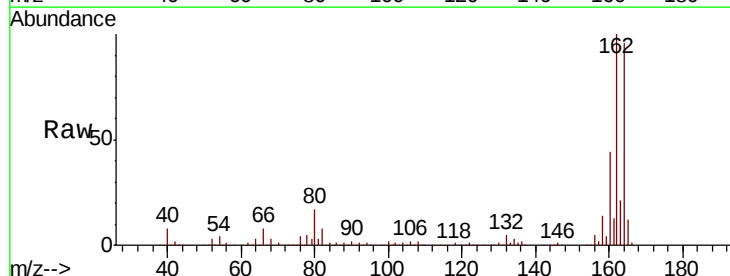
Instrument :
 BNA_F
 ClientSampleId :

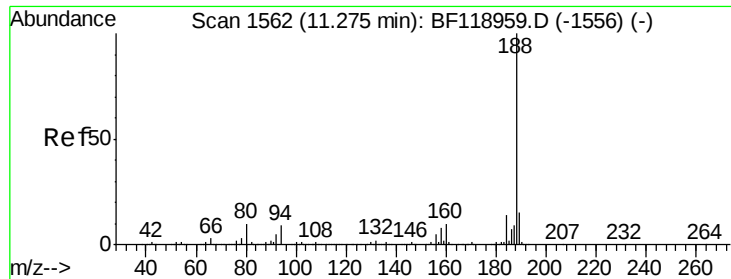
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	1.5	38.3	57.5#



#57
 2,4-Dinitrotoluene
 Concen: 5.806 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119284.D
 Acq: 9 Mar 2020 13:30

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

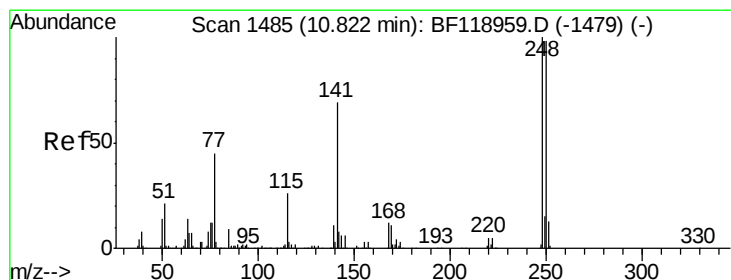
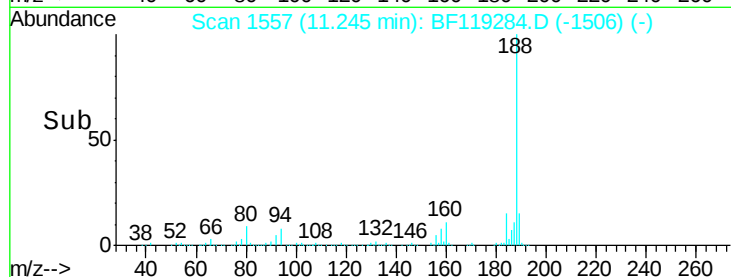
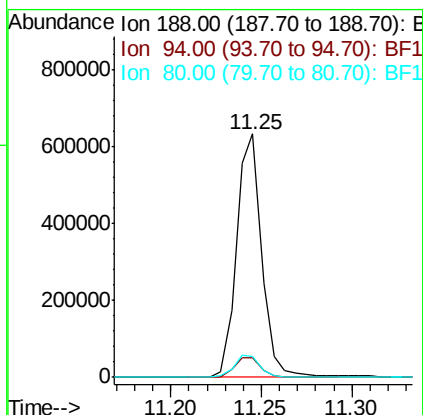
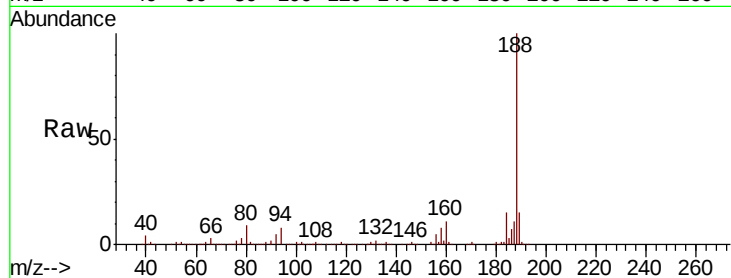




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119284.D
Acq: 9 Mar 2020 13:30

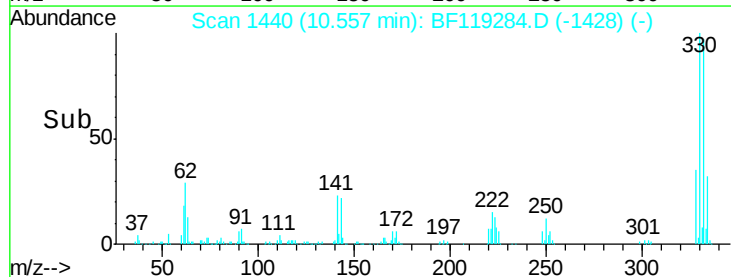
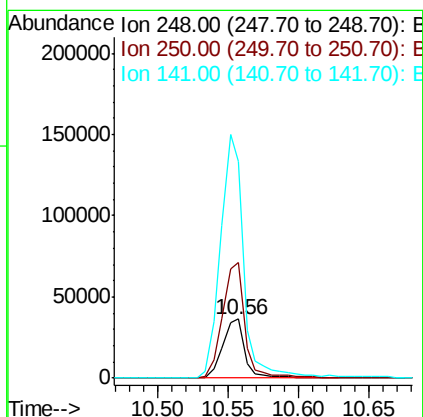
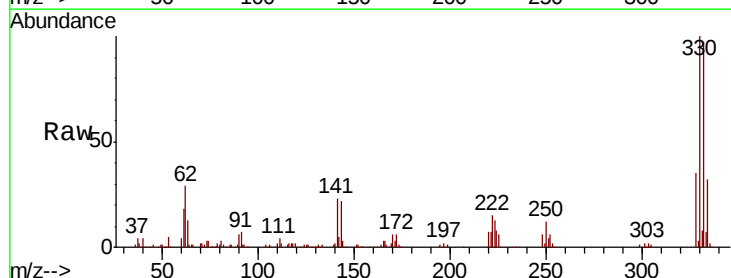
Instrument :
BNA_F
ClientSampleId :

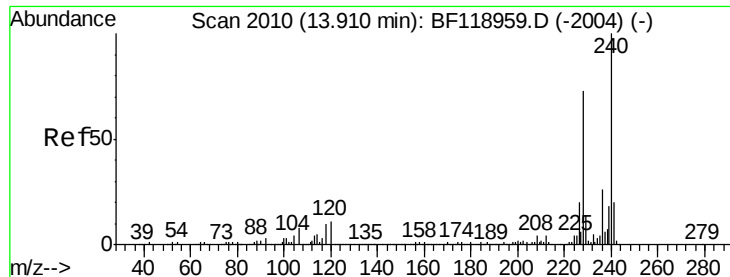
Tot Ion:188 Resp: 608656
Ion Ratio Lower Upper
188 100
94 8.1 7.1 10.7
80 8.8 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 4.976 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.23 min
Lab File: BF119284.D
Acq: 9 Mar 2020 13:30

Tgt Ion:248 Resp: 39588
Ion Ratio Lower Upper
248 100
250 196.9 76.7 115.1#
141 369.2 60.7 91.1#

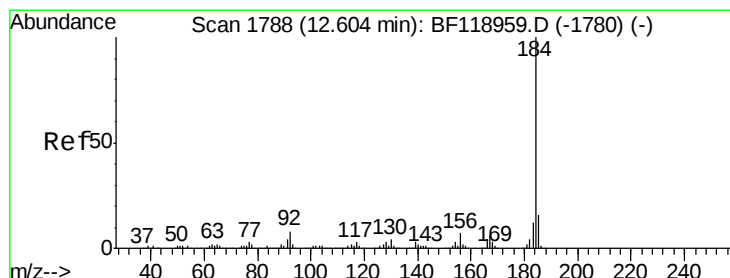
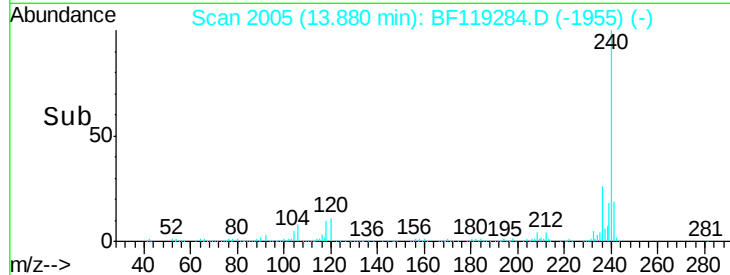
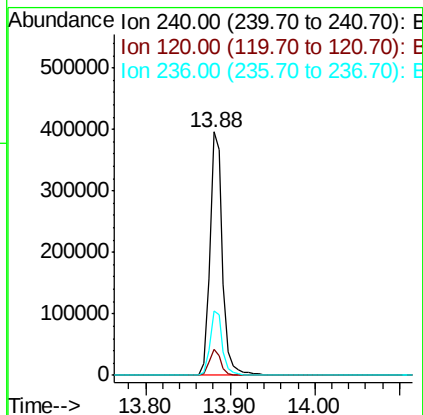
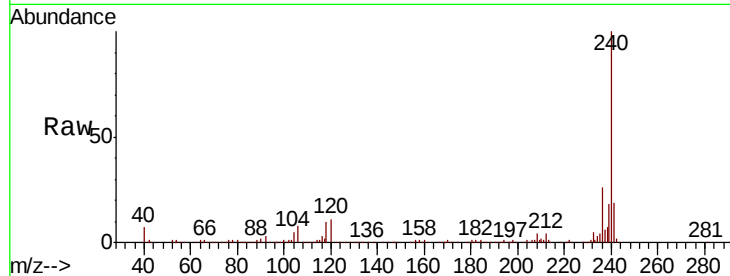




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF119284.D
 Acq: 9 Mar 2020 13:30

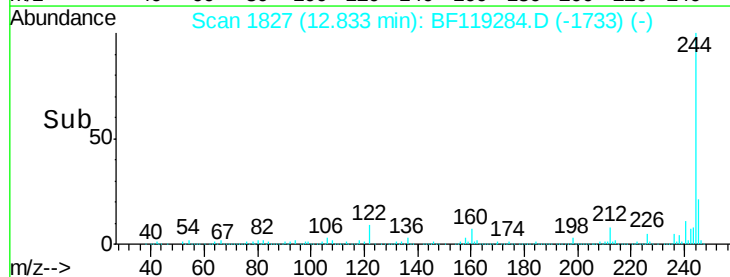
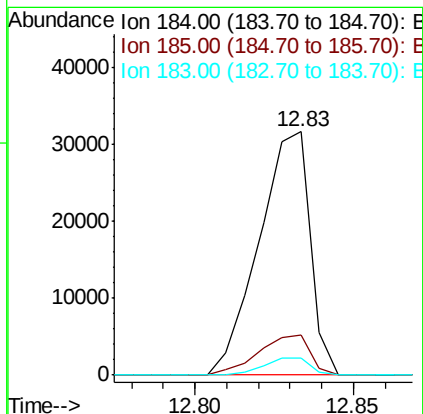
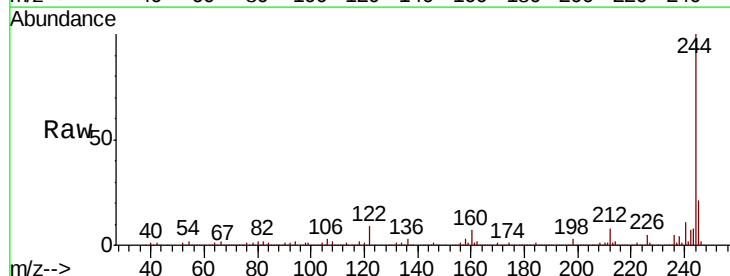
Instrument :
 BNA_F
 ClientSampled :

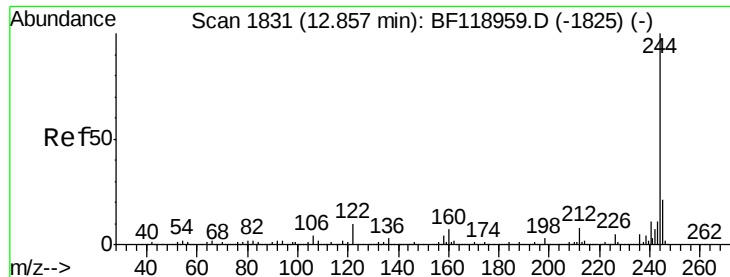
Tot Ion:240 Resp: 415465
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.4 12.6
 236 26.3 21.0 31.4



#77
 Benzidine
 Concen: 2.105 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.25 min
 Lab File: BF119284.D
 Acq: 9 Mar 2020 13:30

Tgt Ion:184 Resp: 35560
 Ion Ratio Lower Upper
 184 100
 185 16.5 12.2 18.4
 183 7.2 9.9 14.9#





#79

Terphenyl-d14

Concen: 105.010 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119284.D

Acq: 9 Mar 2020 13:30

Instrument :

BNA_F

ClientSampleId :

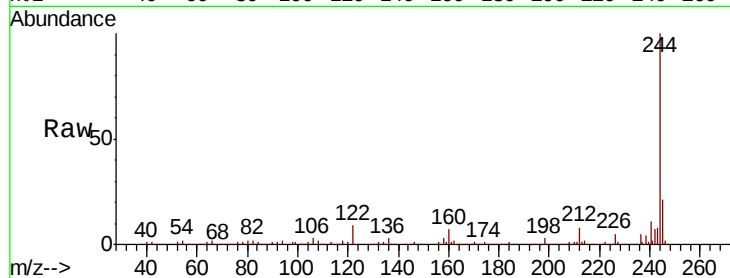
Tot Ion:244 Resp: 2534045

Ion Ratio Lower Upper

244 100

212 7.8 6.6 10.0

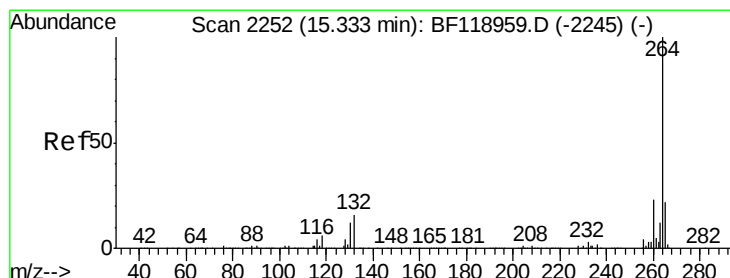
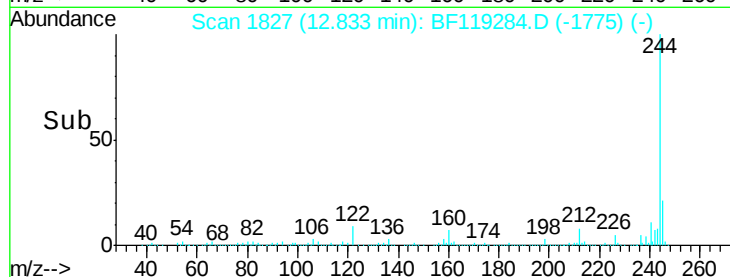
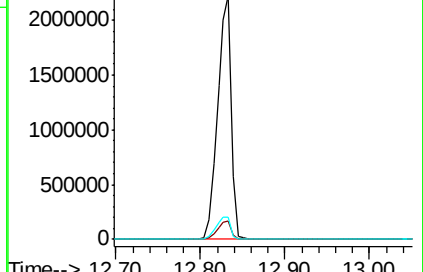
122 9.2 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BF119284.D

Acq: 9 Mar 2020 13:30

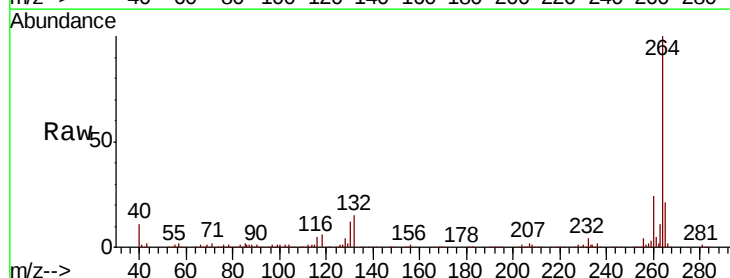
Tgt Ion:264 Resp: 339773

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.3 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

