

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119359.D
 Acq On : 11 Mar 2020 21:37
 Operator : CG/JU
 Sample : L1852-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 12 05:11:29 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

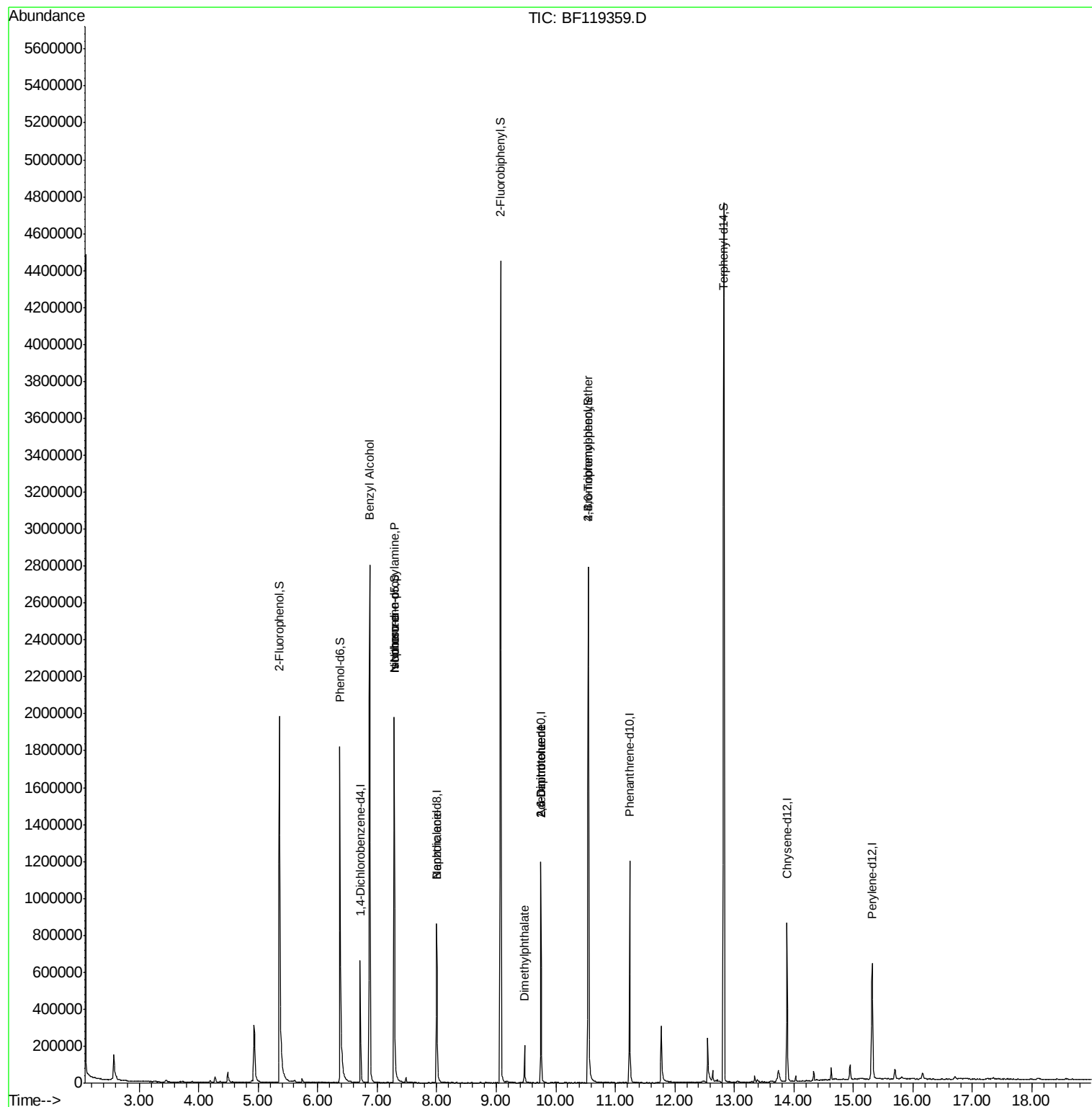
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	109664	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	424144	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	240589	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	462914	20.00	ng	0.00
76) Chrysene-d12	13.89	240	337051	20.00	ng	0.00
87) Perylene-d12	15.32	264	312611	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	767420	116.95	ng	0.00
7) Phenol-d6	6.37	99	837028	104.88	ng	0.00
23) Nitrobenzene-d5	7.29	82	707088	88.02	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	422406	134.21	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	1392704	85.28	ng	-0.01
79) Terphenyl-d14	12.82	244	1907548	97.44	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.87	79	12226	2.120	ng	# 45
19) n-Nitroso-di-n-propylamine	7.29	70	96928	20.843	ng	# 75
25) Isophorone	7.29	82	707088	50.684	ng	# 63
32) Benzoic acid	8.00	122	361	6.755	ng	# 1
50) Dimethylphthalate	9.47	163	98167	5.336	ng	99
51) 2,6-Dinitrotoluene	9.75	165	29868	7.307	ng	# 33
57) 2,4-Dinitrotoluene	9.75	165	29868	5.638	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	27431	4.533	ng	# 1

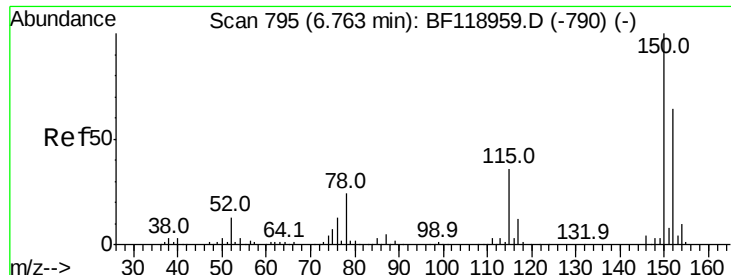
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
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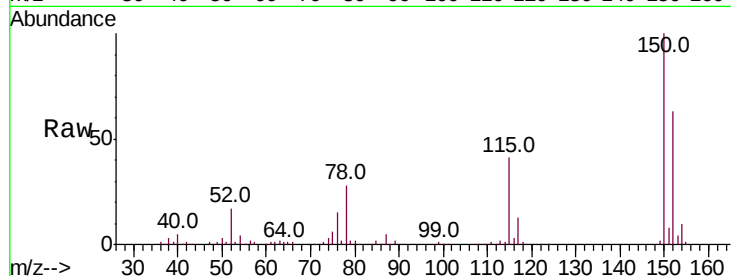


#1

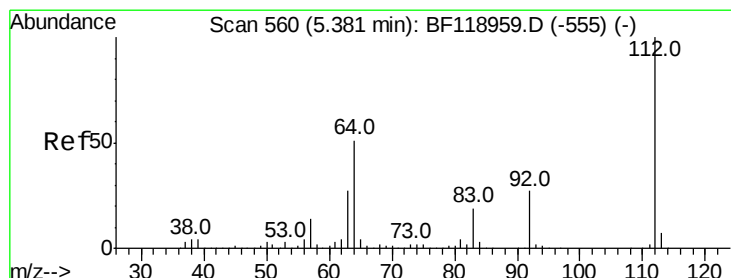
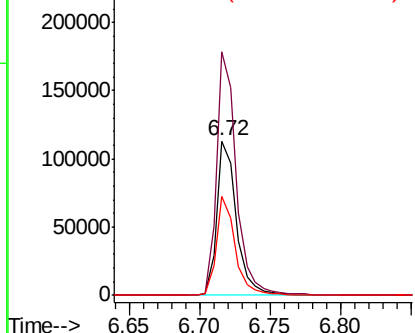
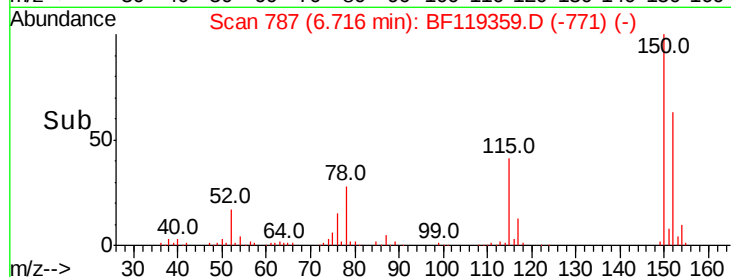
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119359.D
Acq: 11 Mar 2020 21:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 109664
Ion Ratio Lower Upper
152 100
150 157.7 123.0 184.6
115 64.4 49.5 74.3



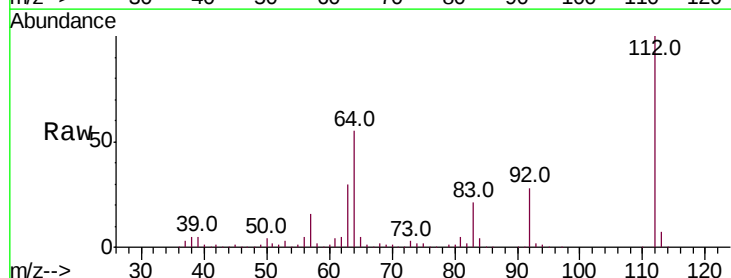
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



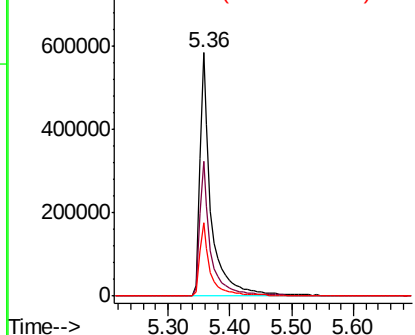
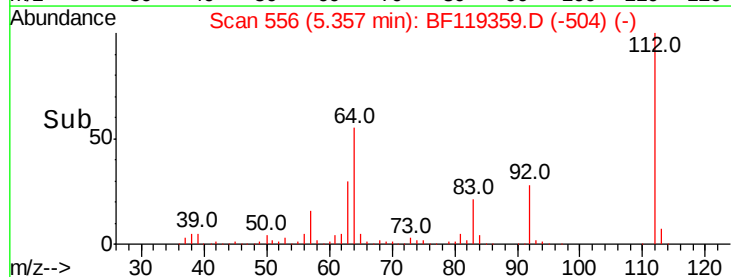
#5

2-Fluorophenol
Concen: 116.948 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF119359.D
Acq: 11 Mar 2020 21:37

Tgt Ion:112 Resp: 767420
Ion Ratio Lower Upper
112 100
64 55.4 45.0 67.4
63 30.3 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: 104.882 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119359.D

Acq: 11 Mar 2020 21:37

Instrument :

BNA_F

ClientSampleId :

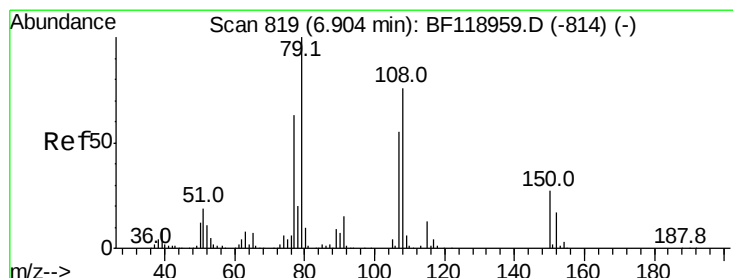
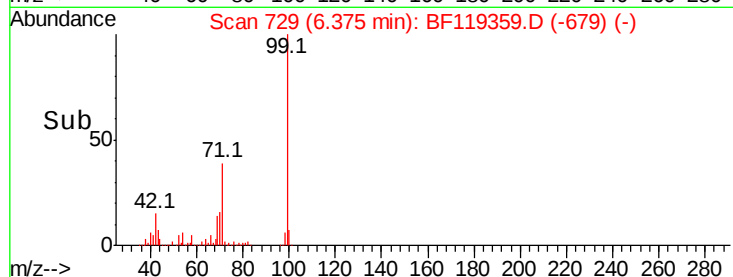
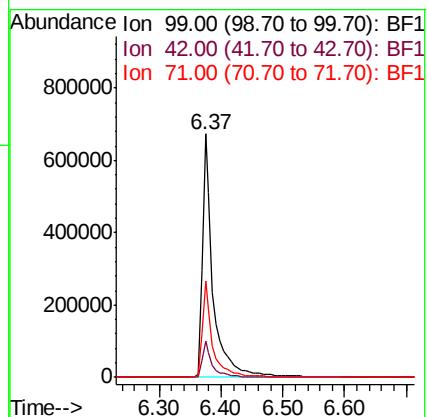
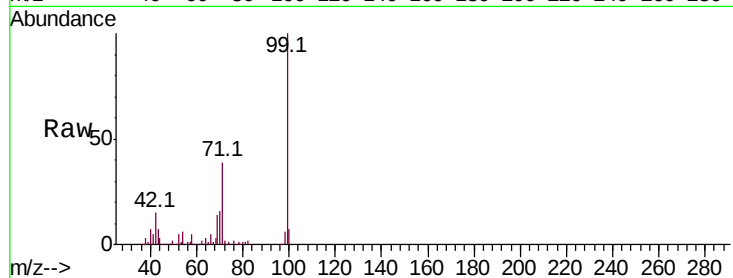
Tot Ion: 99 Resp: 837028

Ion Ratio Lower Upper

99 100

42 15.1 12.6 18.8

71 39.3 31.0 46.4



#15

Benzyl Alcohol

Concen: 2.120 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF119359.D

Acq: 11 Mar 2020 21:37

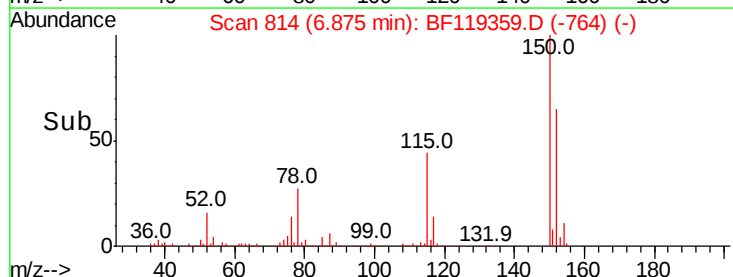
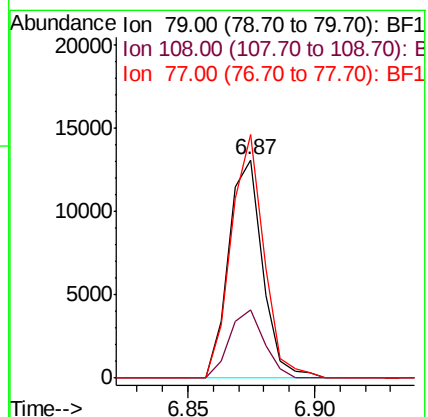
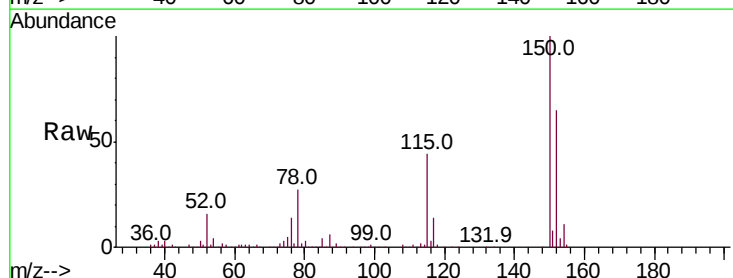
Tgt Ion: 79 Resp: 12226

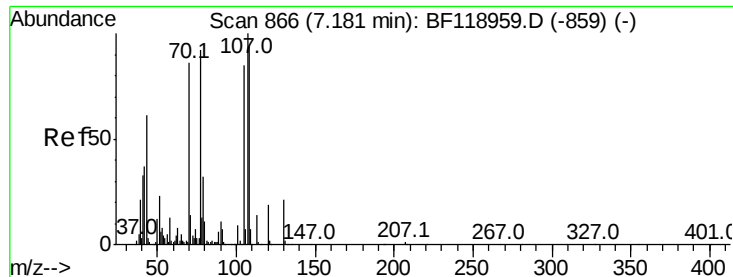
Ion Ratio Lower Upper

79 100

108 31.1 58.2 87.2#

77 111.6 51.2 76.8#

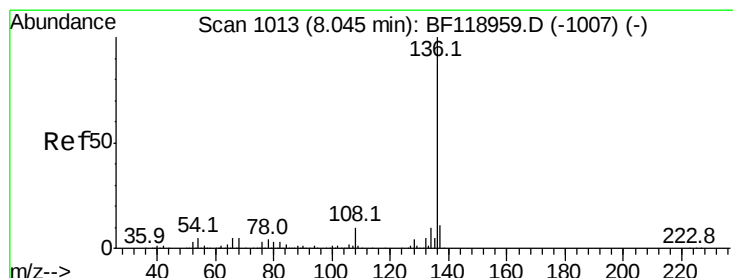
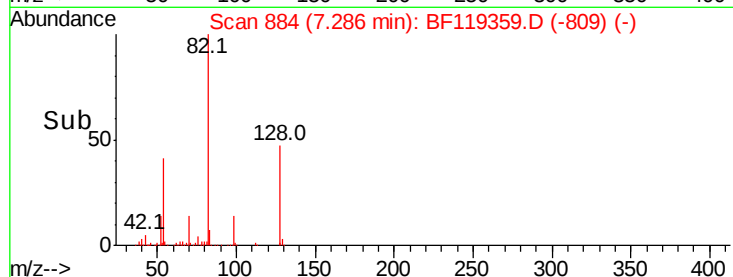
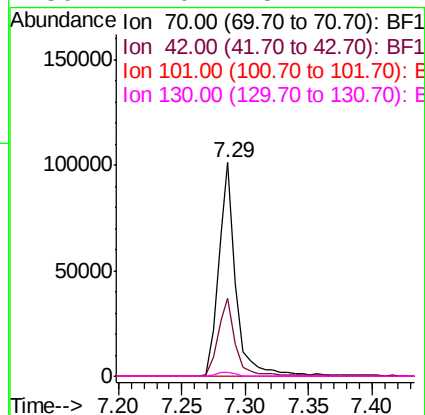
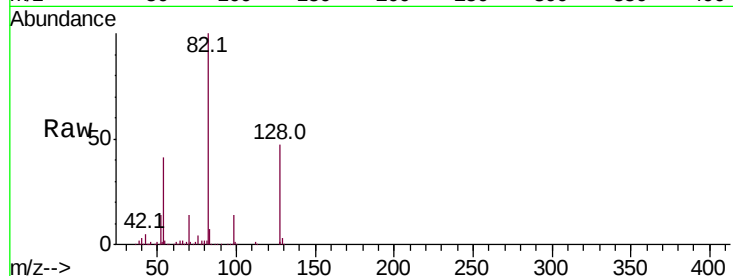




#19
n-Nitroso-di-n-propylamine
Concen: 20.843 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF119359.D
Acq: 11 Mar 2020 21:37

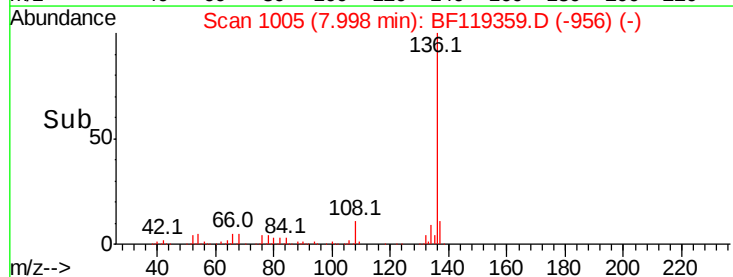
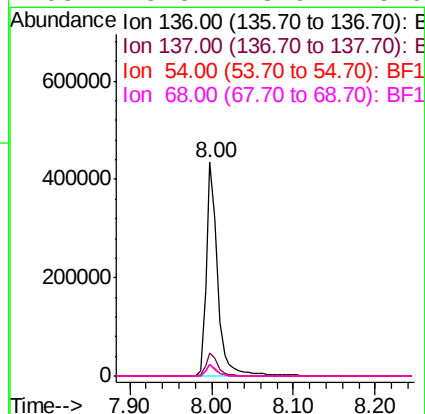
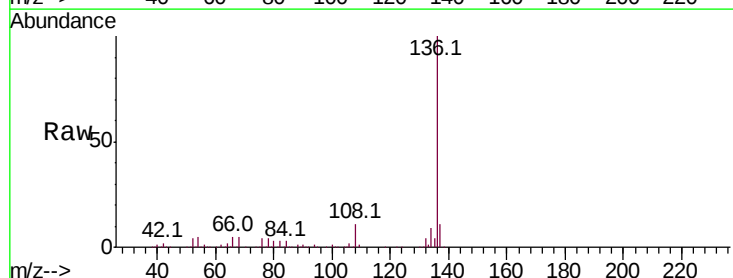
Instrument :
BNA_F
ClientSampleId :

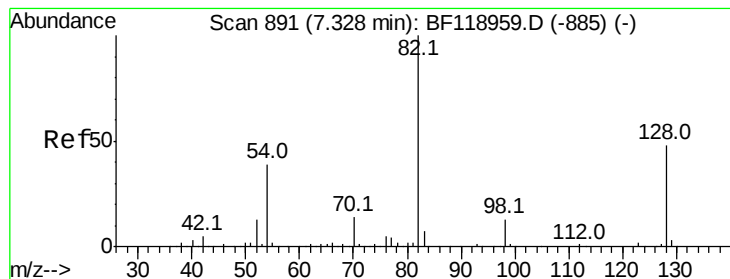
Tot Ion: 70 Resp: 96928
Ion Ratio Lower Upper
70 100
42 36.8 38.0 57.0#
101 0.0 8.2 12.4#
130 2.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF119359.D
Acq: 11 Mar 2020 21:37

Tgt Ion: 136 Resp: 424144
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 5.2 3.8 5.6
68 5.3 3.9 5.9





#23

Nitrobenzene-d5

Concen: 88.023 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF119359.D

Acq: 11 Mar 2020 21:37

Instrument :

BNA_F

ClientSampled :

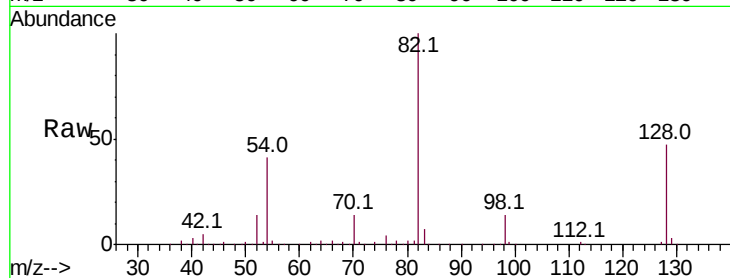
Tot Ion: 82 Resp: 707088

Ion Ratio Lower Upper

82 100

128 46.6 37.9 56.9

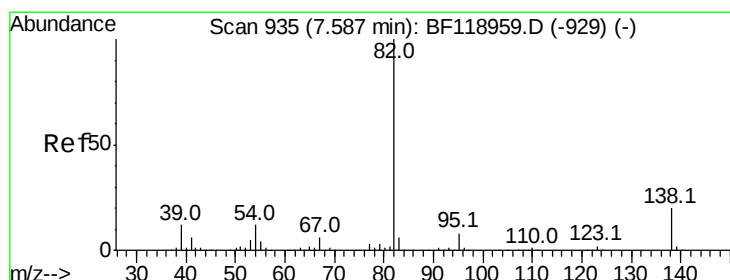
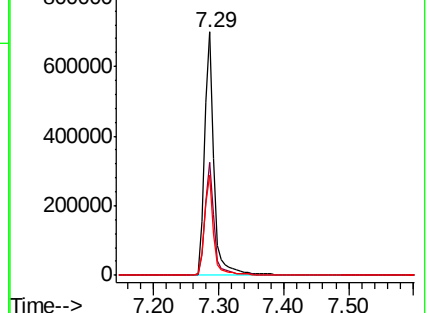
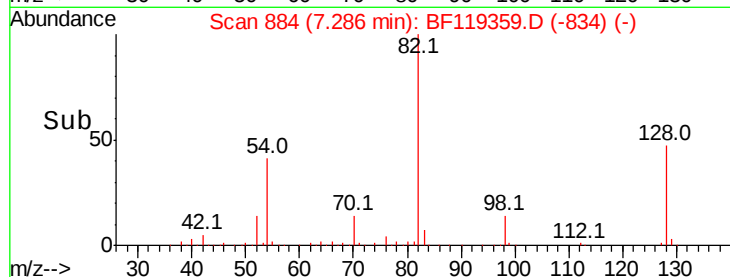
54 41.0 33.4 50.2



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: 50.684 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF119359.D

Acq: 11 Mar 2020 21:37

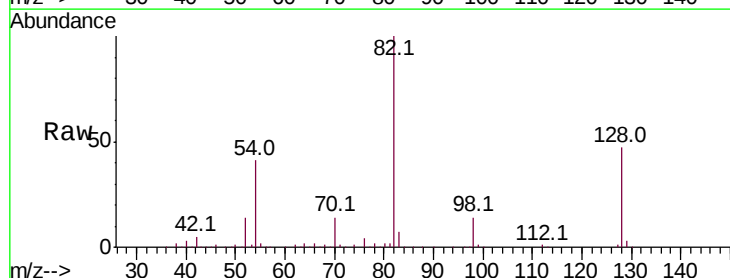
Tgt Ion: 82 Resp: 707088

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

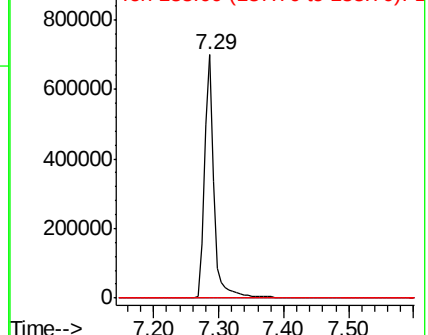
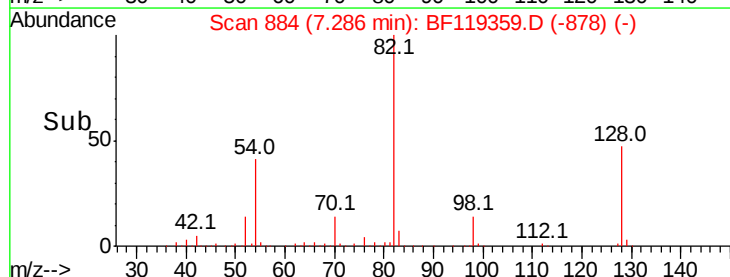
138 0.0 15.7 23.5#

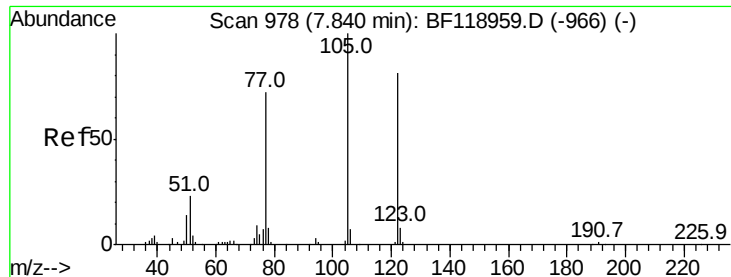


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#32

Benzoic acid

Concen: 6.755 ng

RT: 8.00 min Scan# 1005

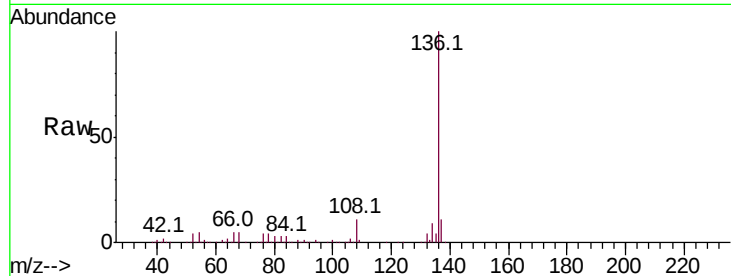
Delta R.T. 0.16 min

Lab File: BF119359.D

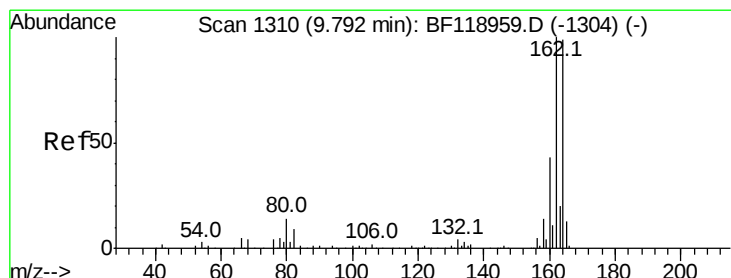
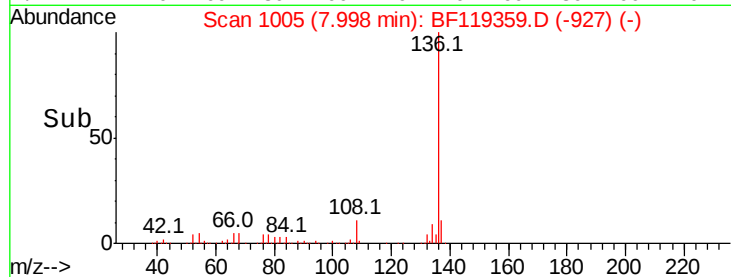
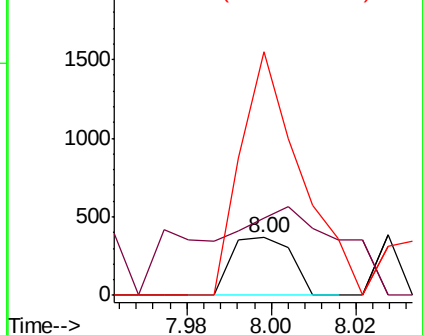
Acq: 11 Mar 2020 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 361
Ion Ratio Lower Upper
122 100
105 133.0 106.3 146.3
77 422.1 73.1 113.1#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

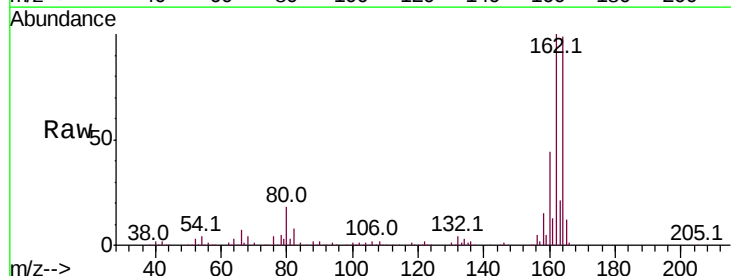
RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

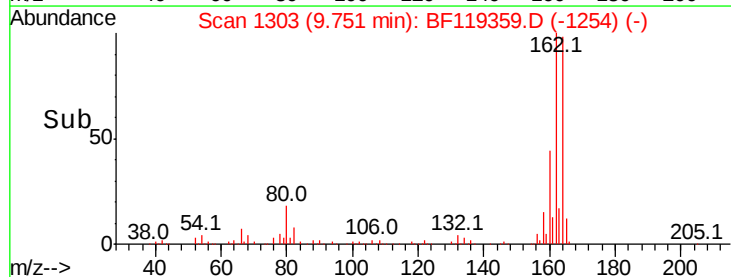
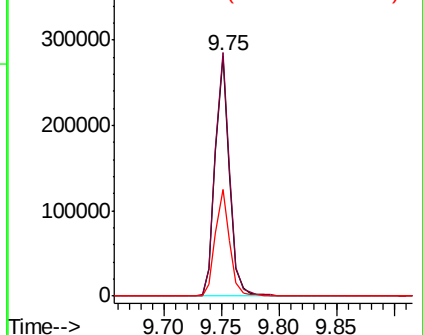
Lab File: BF119359.D

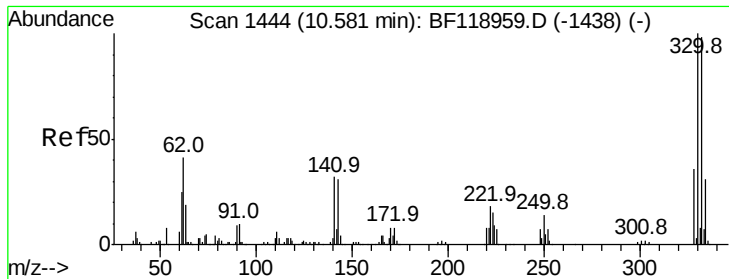
Acq: 11 Mar 2020 21:37

Tgt Ion:164 Resp: 240589
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.8
160 44.5 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

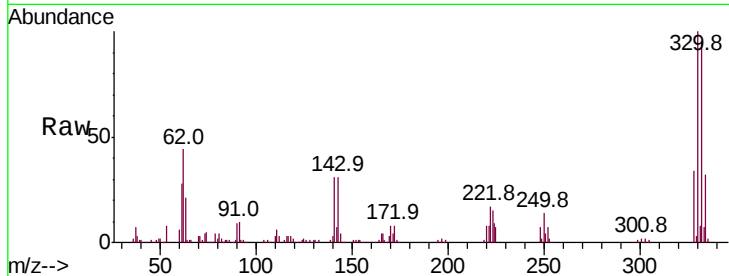




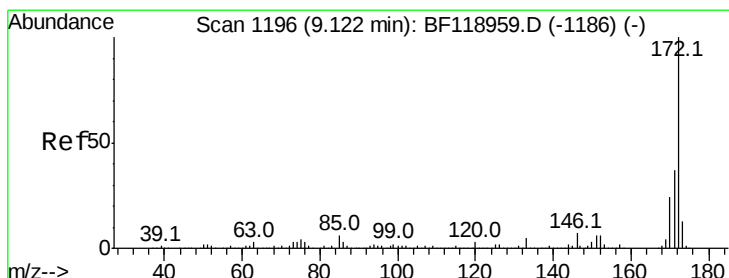
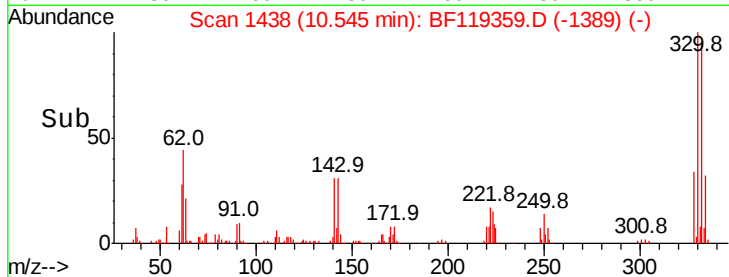
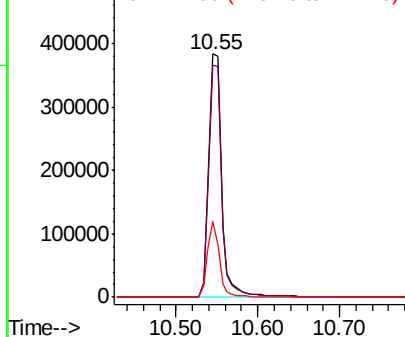
#42
 2,4,6-Tribromophenol
 Concen: 134.212 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF119359.D
 Acq: 11 Mar 2020 21:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 422406
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.0 114.0
 141 29.7 22.9 34.3

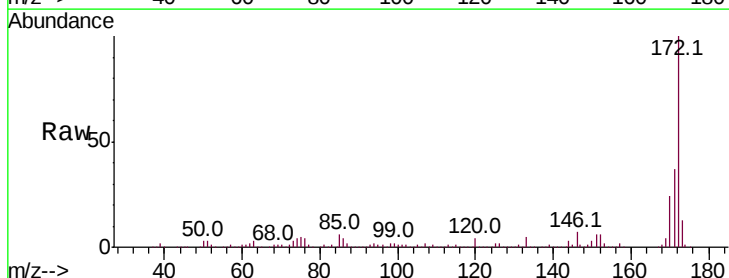


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

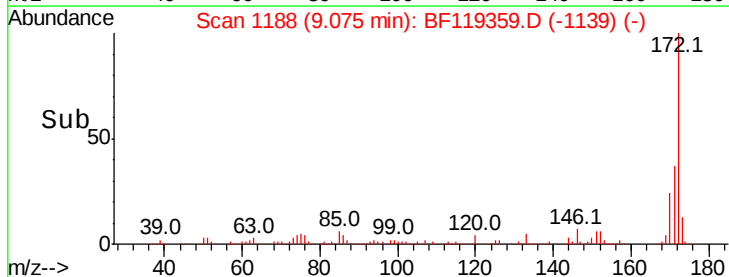
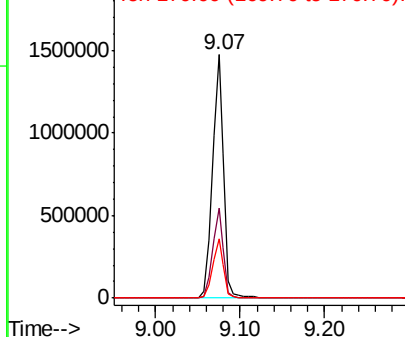


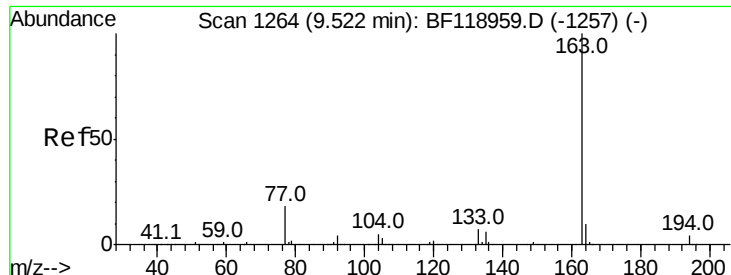
#45
 2-Fluorobiphenyl
 Concen: 85.278 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF119359.D
 Acq: 11 Mar 2020 21:37

Tgt Ion:172 Resp: 1392704
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.6 45.8
 170 24.4 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

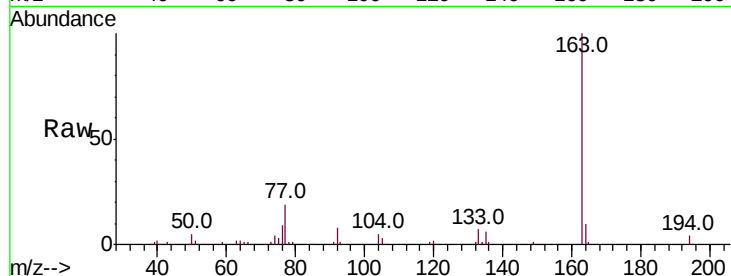




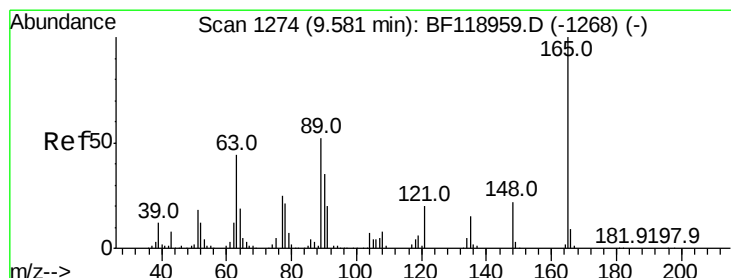
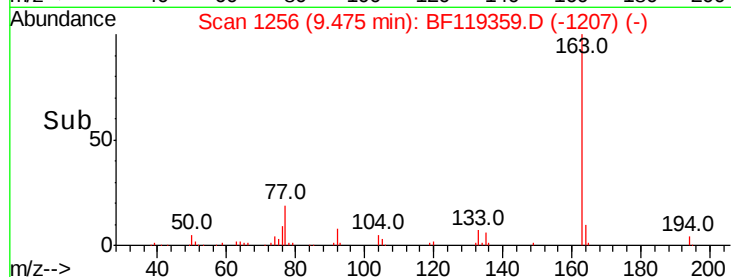
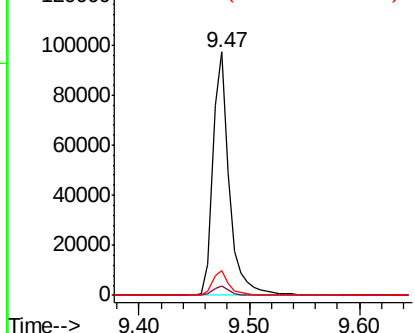
#50
Dimethylphthalate
Concen: 5.336 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119359.D
Acq: 11 Mar 2020 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.1	8.4	12.6

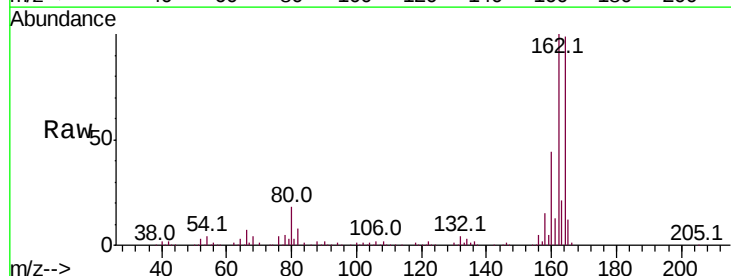


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

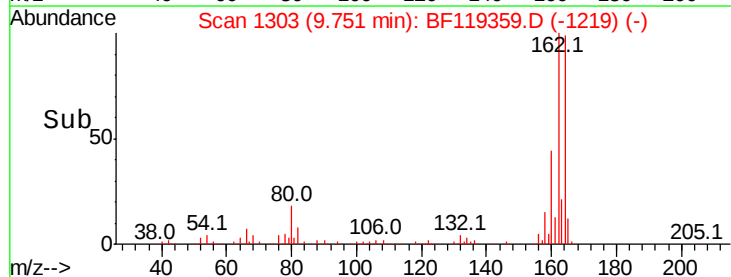
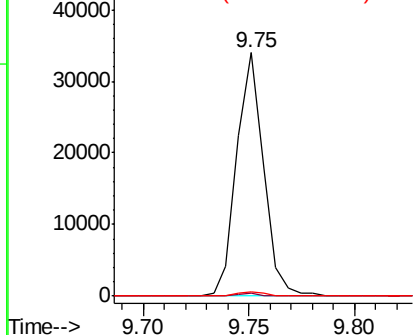


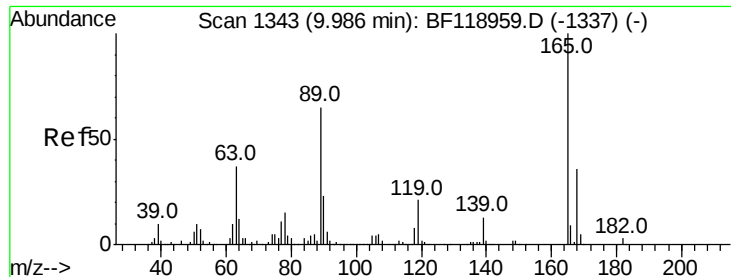
#51
2,6-Dinitrotoluene
Concen: 7.307 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.19 min
Lab File: BF119359.D
Acq: 11 Mar 2020 21:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.6	38.3	57.5#



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

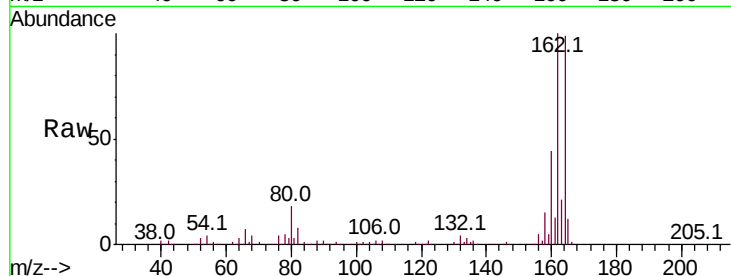




#57
2,4-Dinitrotoluene
Concen: 5.638 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.22 min
Lab File: BF119359.D
Acq: 11 Mar 2020 21:37

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.3	63.5#
89	1.6	60.2	90.4#
182	0.0	2.3	3.5#



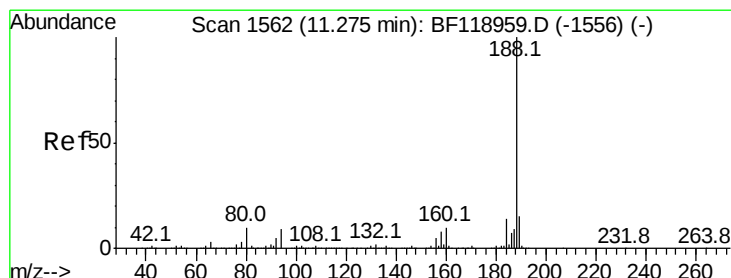
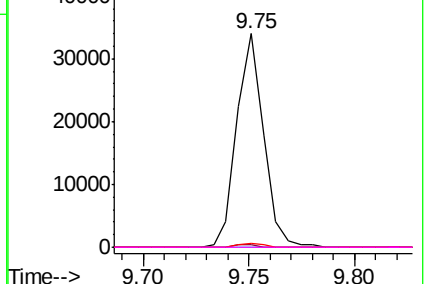
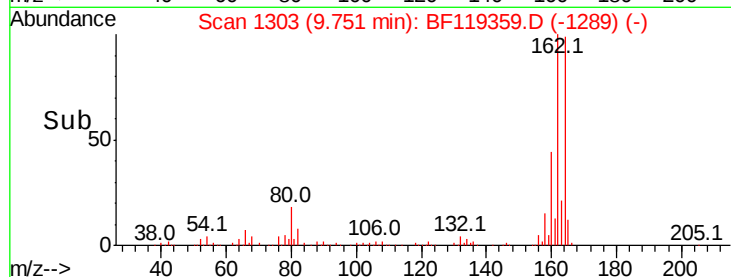
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

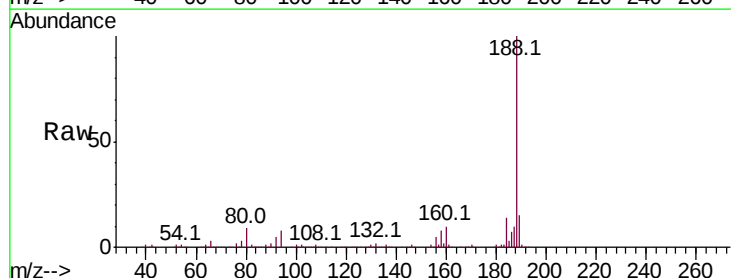
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119359.D
Acq: 11 Mar 2020 21:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.1	10.7
80	8.7	7.8	11.8

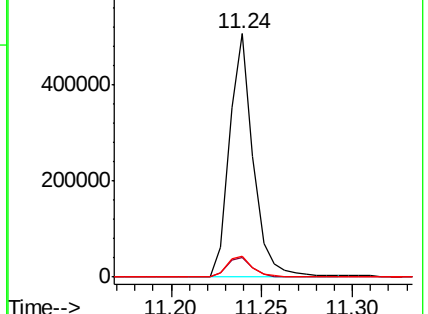
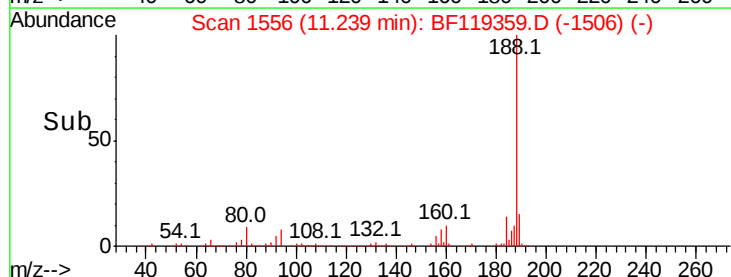


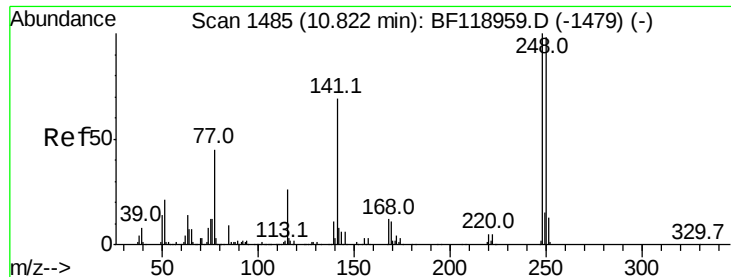
Abundance

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

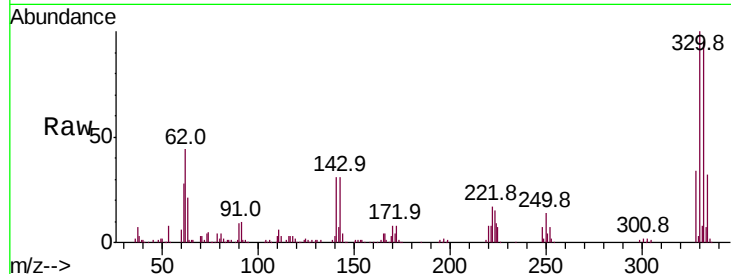




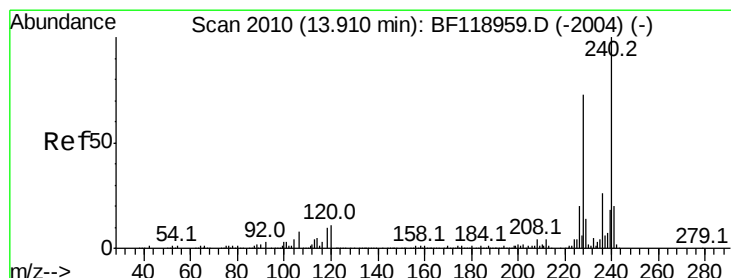
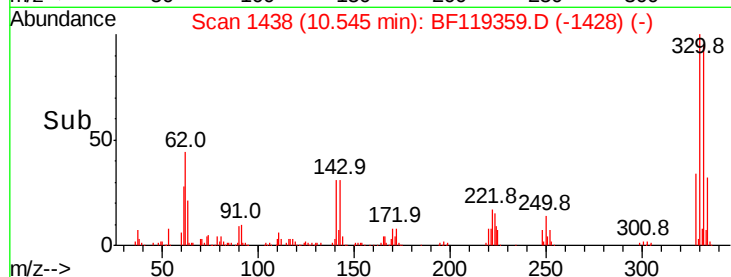
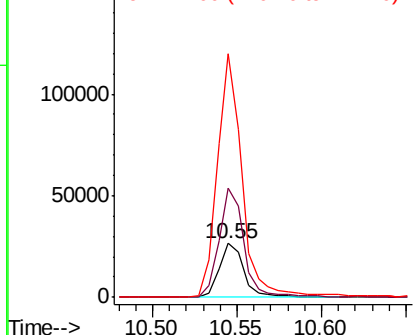
#67
4-Bromophenyl-phenylether
Concen: 4.533 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF119359.D
Acq: 11 Mar 2020 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 27431
Ion Ratio Lower Upper
248 100
250 203.4 76.7 115.1#
141 452.7 60.7 91.1#

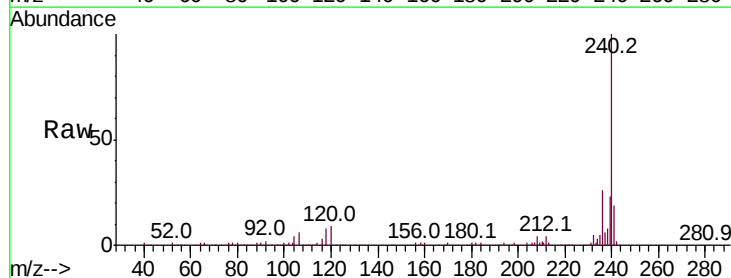


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

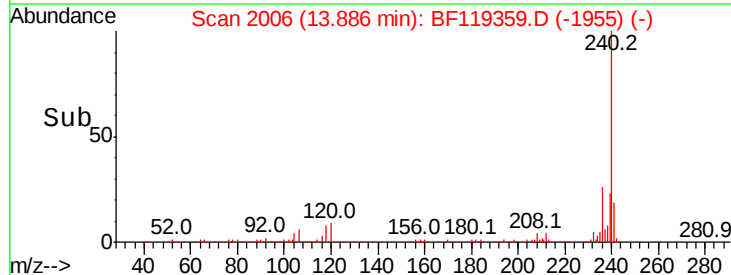
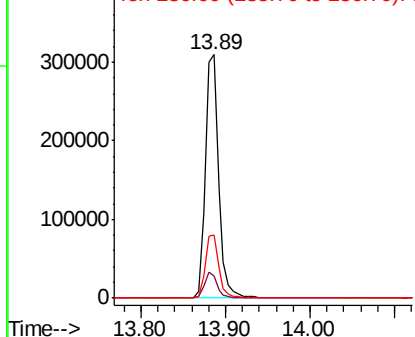


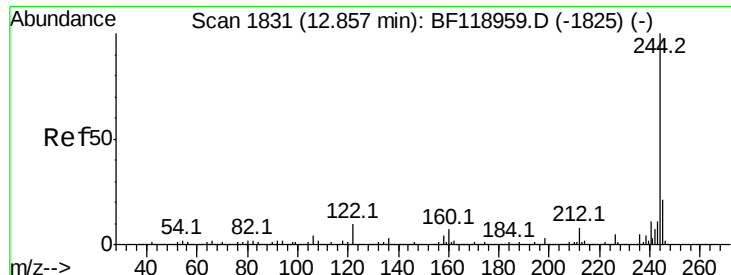
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF119359.D
Acq: 11 Mar 2020 21:37

Tgt Ion:240 Resp: 337051
Ion Ratio Lower Upper
240 100
120 9.1 8.4 12.6
236 25.9 21.0 31.4



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: 97.439 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119359.D

Acq: 11 Mar 2020 21:37

Instrument :

BNA_F

ClientSampleId :

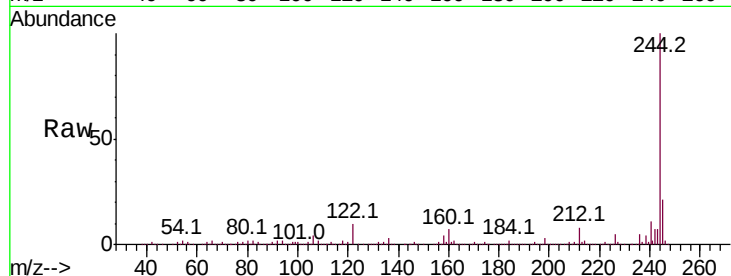
Tot Ion:244 Resp: 1907548

Ion Ratio Lower Upper

244 100

212 7.6 6.6 10.0

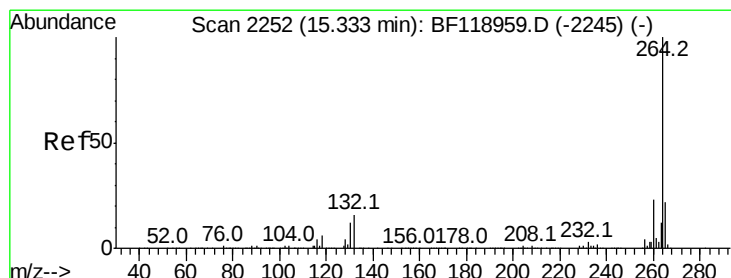
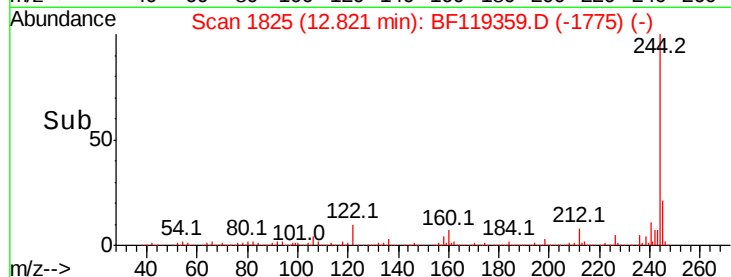
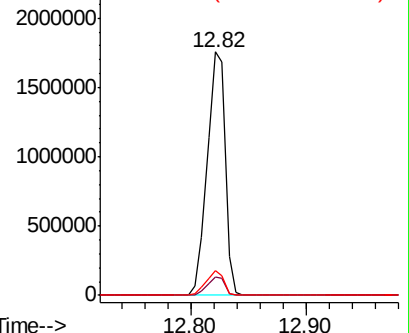
122 10.3 8.2 12.2



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: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF119359.D

Acq: 11 Mar 2020 21:37

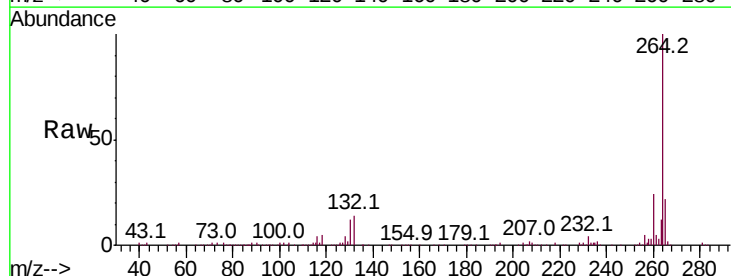
Tgt Ion:264 Resp: 312611

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.6 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

