

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119386.D
 Acq On : 12 Mar 2020 18:05
 Operator : CG/JU
 Sample : PB127488TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:46:37 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

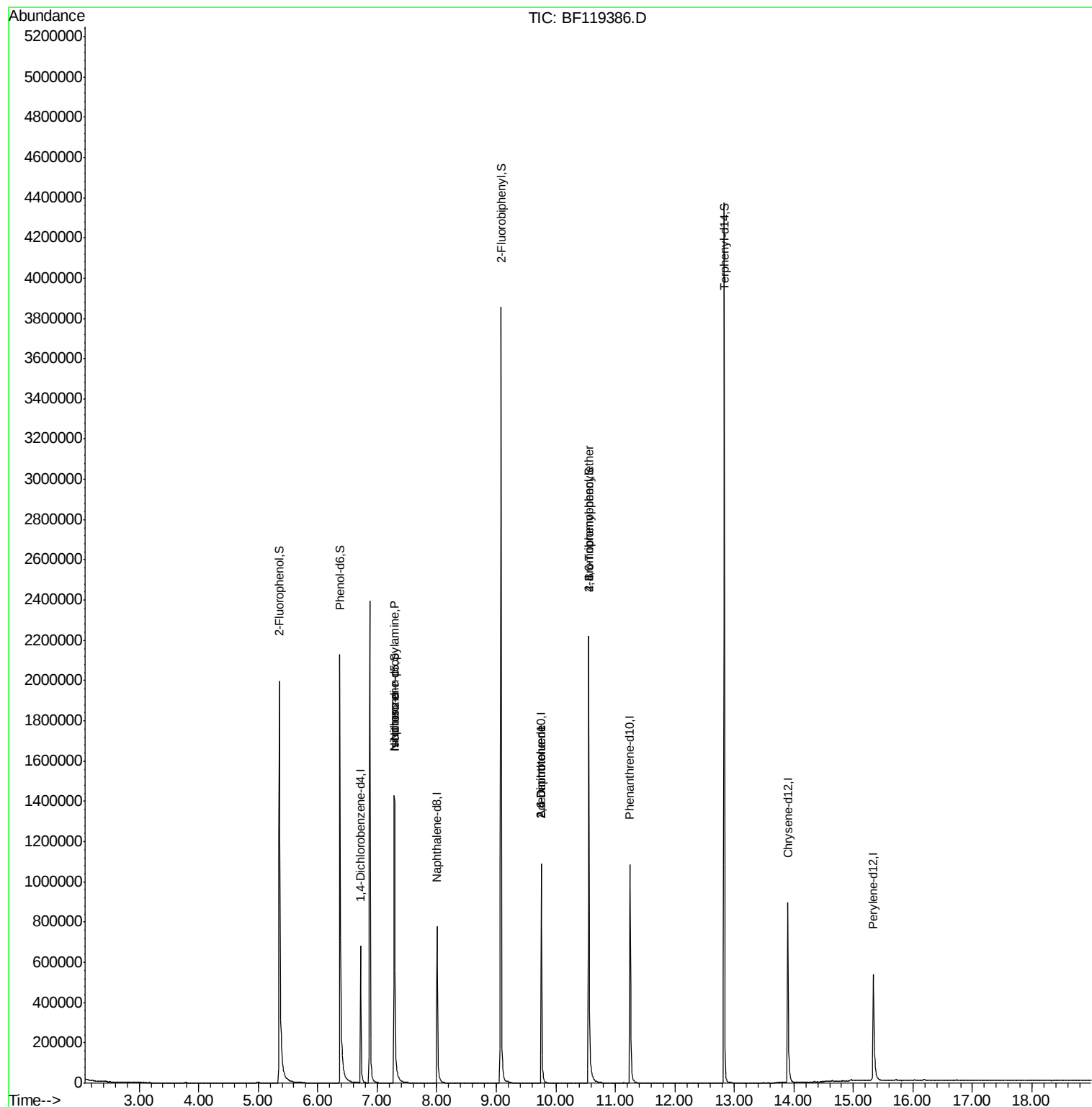
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	120266	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	462217	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	265667	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	534218	20.00	ng	0.00
76) Chrysene-d12	13.90	240	409968	20.00	ng	0.01
87) Perylene-d12	15.33	264	361740	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	807861	112.26	ng	0.00
7) Phenol-d6	6.37	99	983065	112.32	ng	0.00
23) Nitrobenzene-d5	7.29	82	645674	73.76	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	357692	102.92	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1303689	72.29	ng	0.00
79) Terphenyl-d14	12.83	244	1759525	73.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	88128	17.280	ng	# 77
25) Isophorone	7.29	82	645674	42.469	ng	# 63
51) 2,6-Dinitrotoluene	9.76	165	34033	7.540	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	34034	5.818	ng	# 20
67) 4-Bromophenyl-phenylether	10.55	248	23612	3.381	ng	# 1

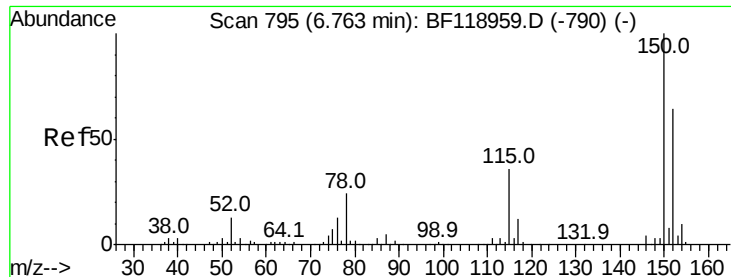
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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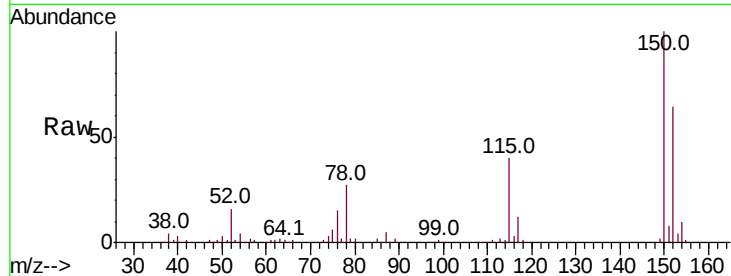


#1

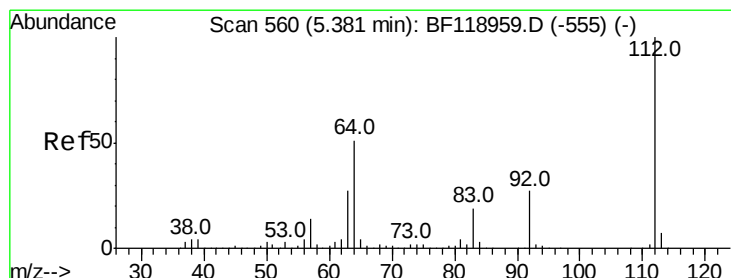
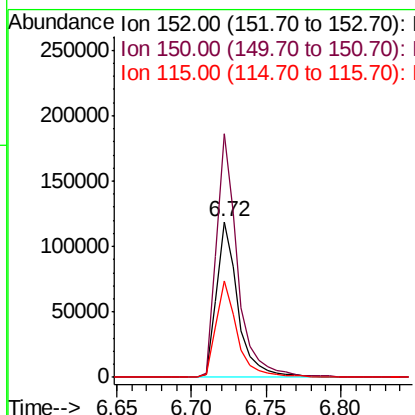
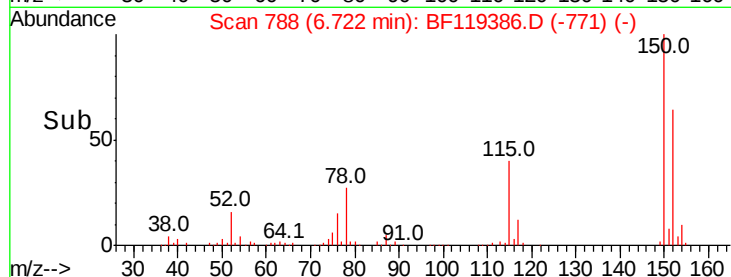
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF119386.D
 Acq: 12 Mar 2020 18:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.0	184.6
115	62.0	49.5	74.3



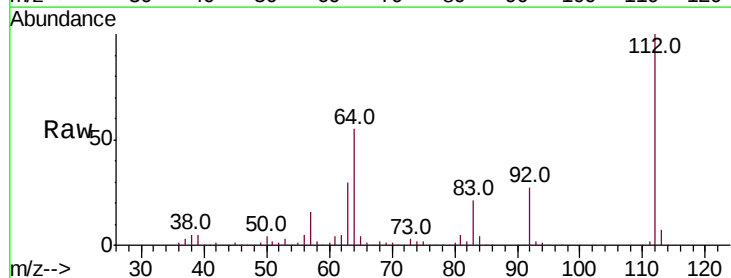
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



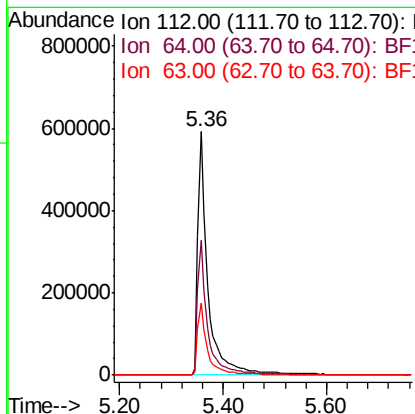
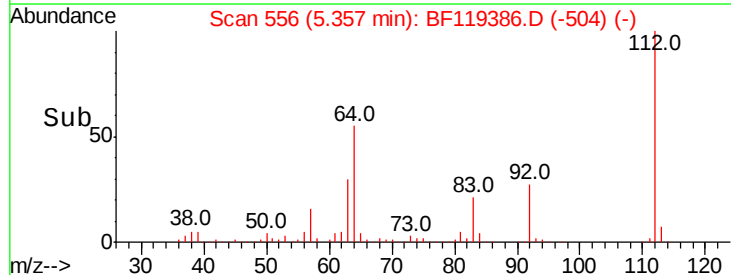
#5

2-Fluorophenol
 Concen: 112.258 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF119386.D
 Acq: 12 Mar 2020 18:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	45.0	67.4
63	29.6	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: 112.321 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119386.D

Acq: 12 Mar 2020 18:05

Instrument :

BNA_F

ClientSampleId :

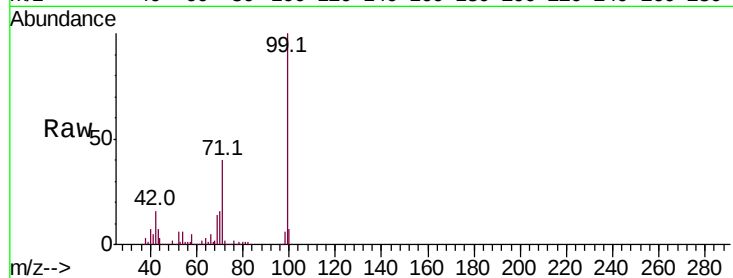
Tot Ion: 99 Resp: 983065

Ion Ratio Lower Upper

99 100

42 15.5 12.6 18.8

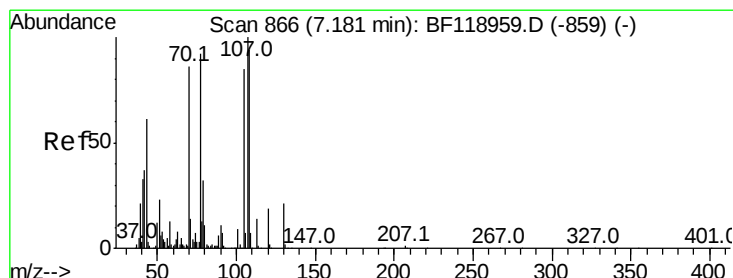
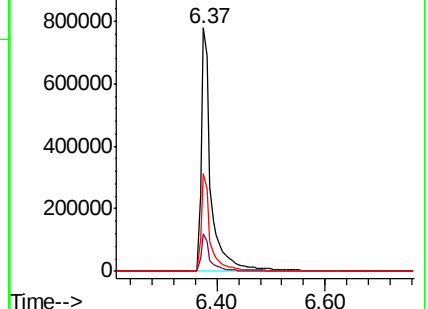
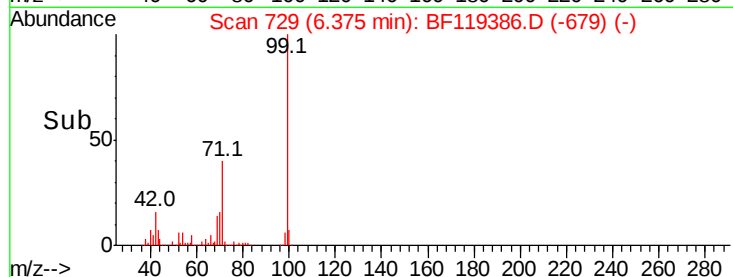
71 40.1 31.0 46.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.280 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF119386.D

Acq: 12 Mar 2020 18:05

Tgt Ion: 70 Resp: 88128

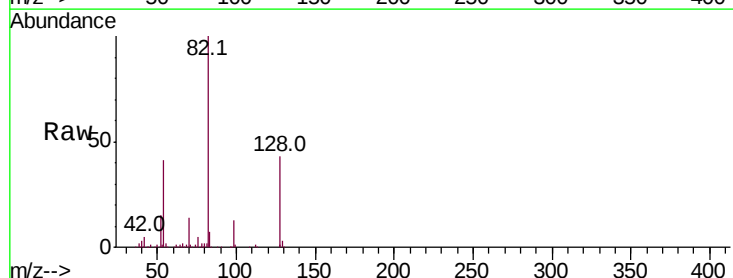
Ion Ratio Lower Upper

70 100

42 39.3 38.0 57.0

101 0.0 8.2 12.4#

130 2.1 18.2 27.4#

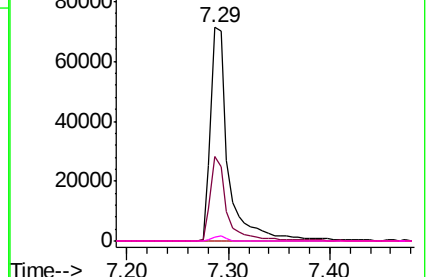
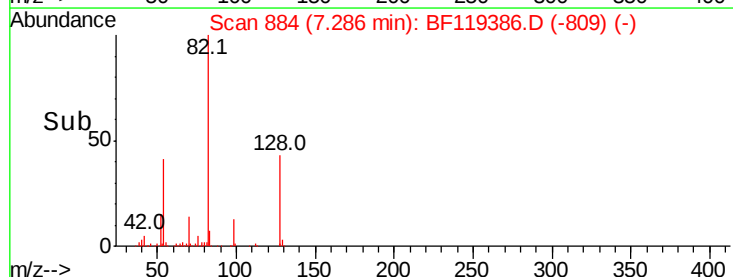


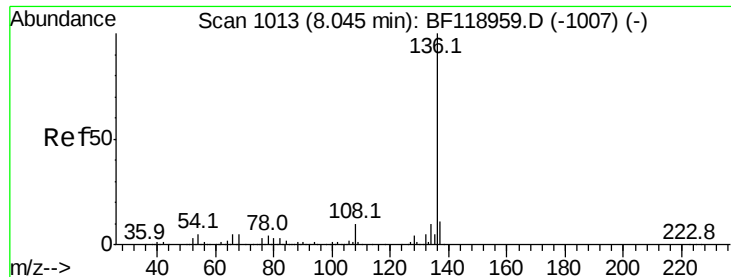
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119386.D

Acq: 12 Mar 2020 18:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 462217

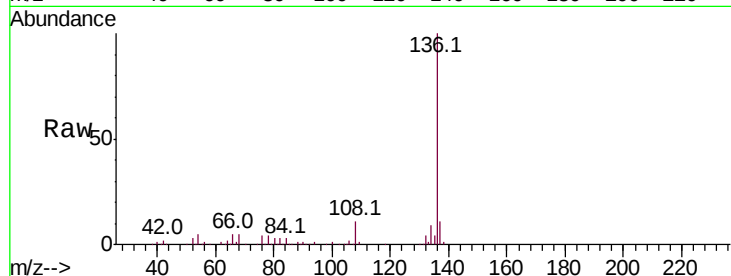
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 5.3 3.8 5.6

68 5.4 3.9 5.9

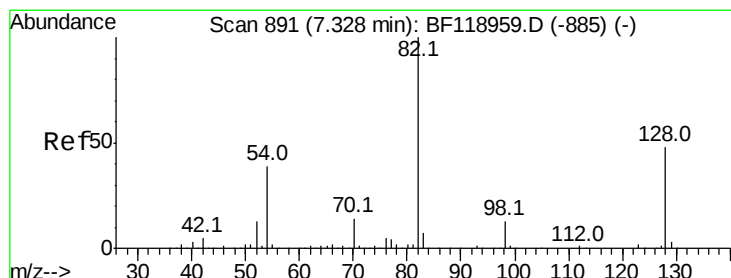
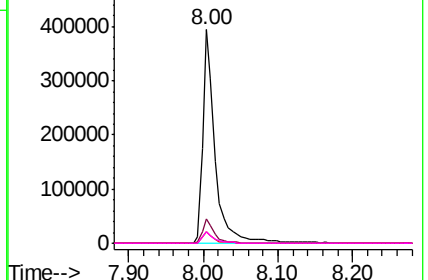
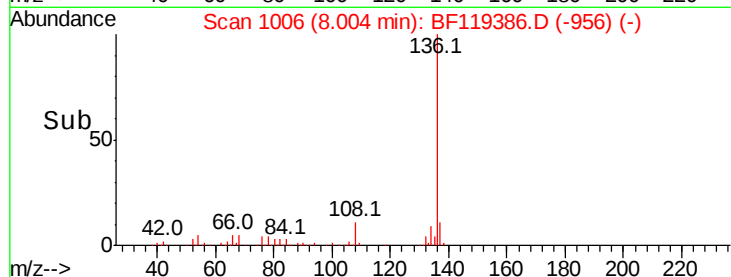


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 73.757 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF119386.D

Acq: 12 Mar 2020 18:05

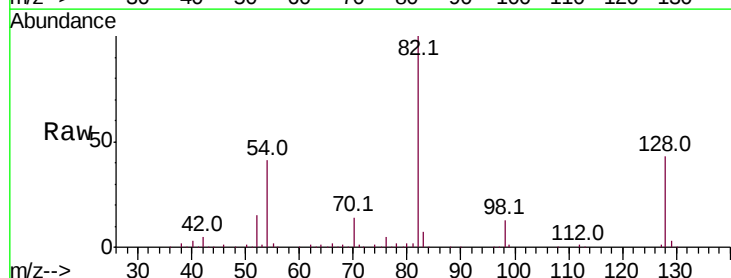
Tgt Ion: 82 Resp: 645674

Ion Ratio Lower Upper

82 100

128 43.3 37.9 56.9

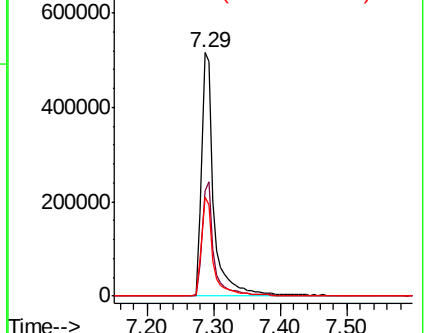
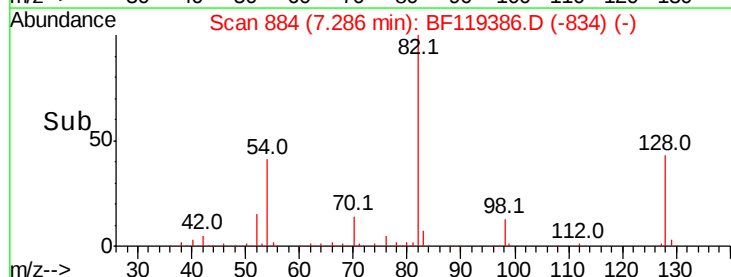
54 40.8 33.4 50.2

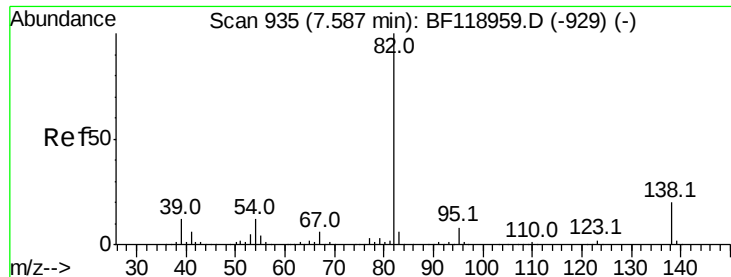


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

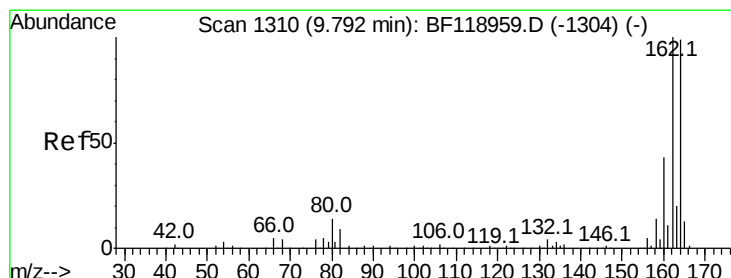
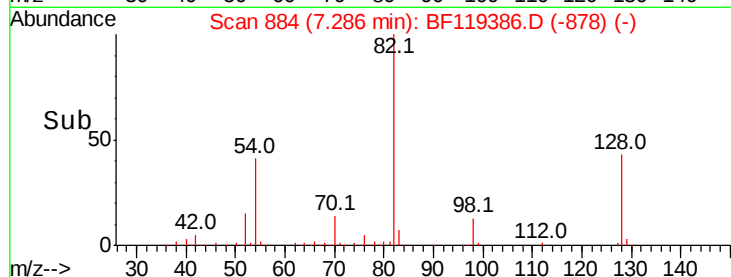
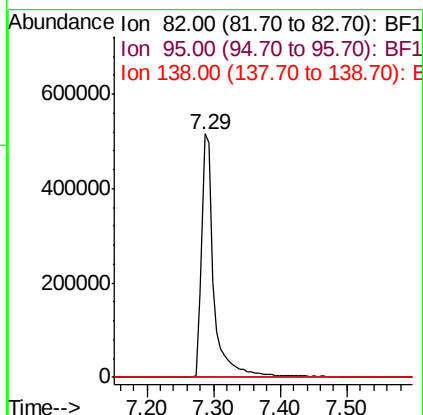
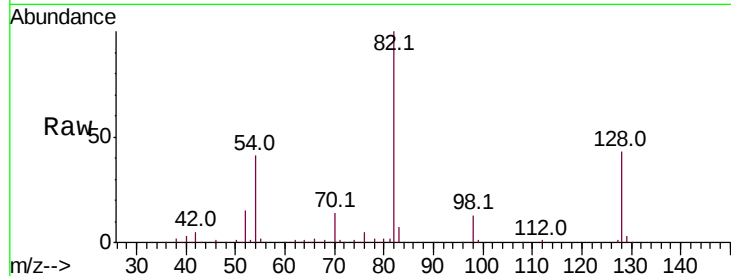




#25
Isophorone
Concen: 42.469 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF119386.D
Acq: 12 Mar 2020 18:05

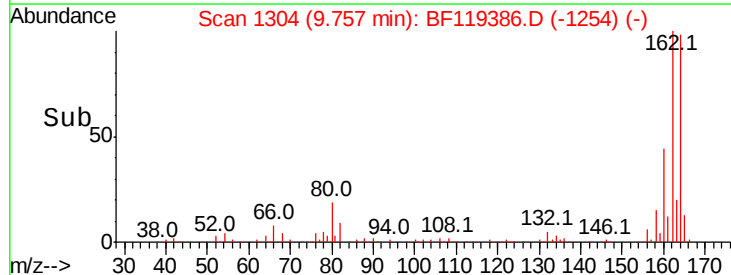
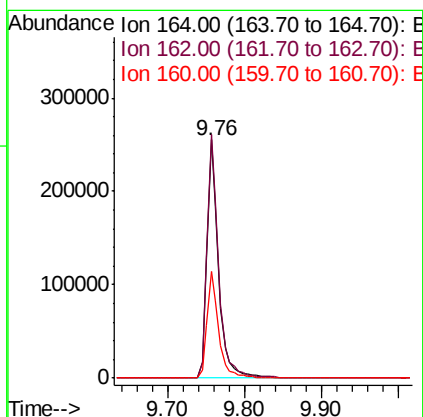
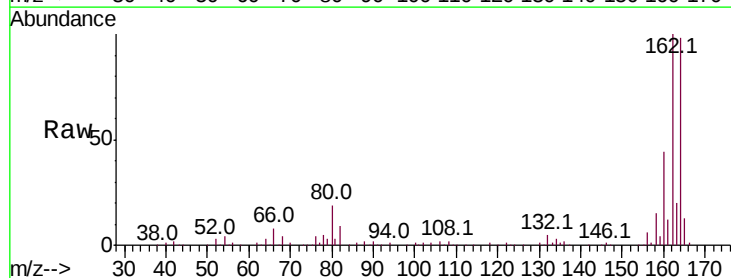
Instrument :
BNA_F
ClientSampleId :

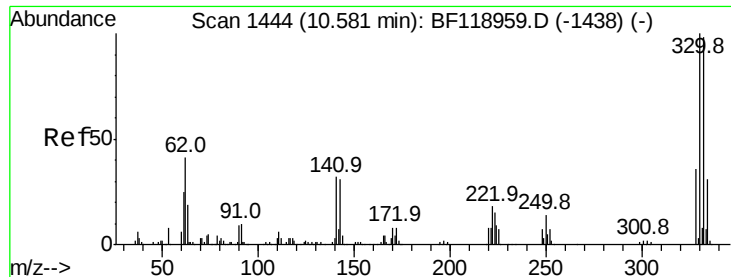
Tot Ion: 82 Resp: 645674
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119386.D
Acq: 12 Mar 2020 18:05

Tgt Ion:164 Resp: 265667
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.8
160 44.7 36.0 54.0

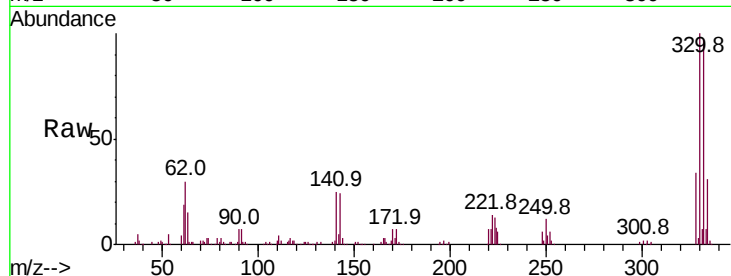




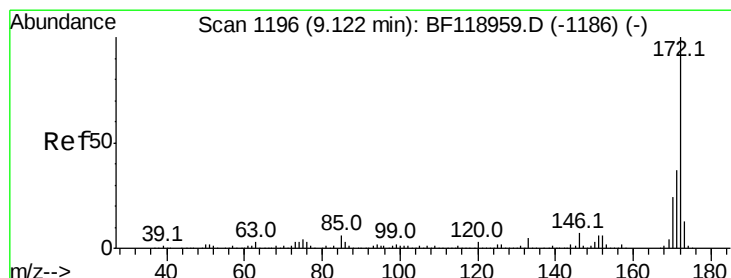
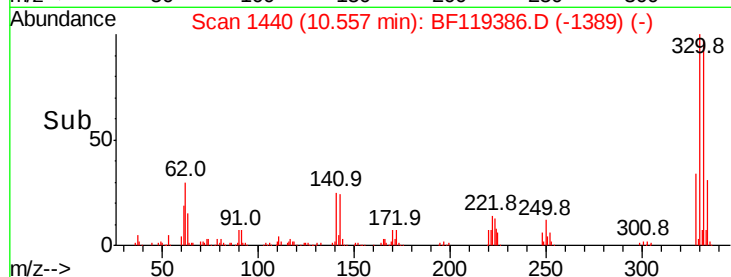
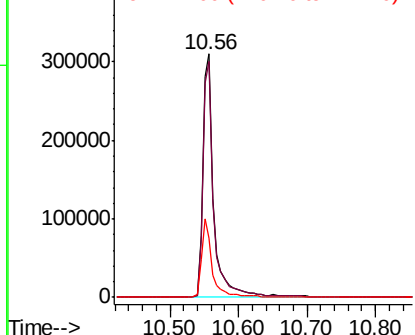
#42
 2,4,6-Tribromophenol
 Concen: 102.922 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119386.D
 Acq: 12 Mar 2020 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.0	114.0
141	31.5	22.9	34.3

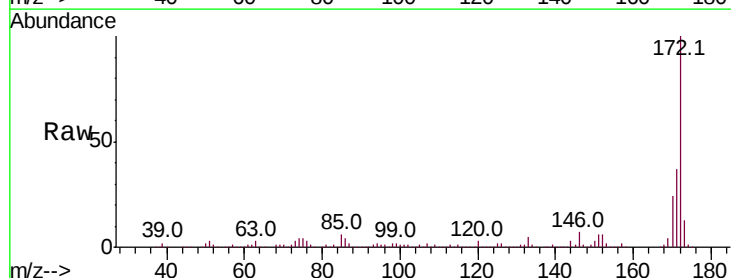


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

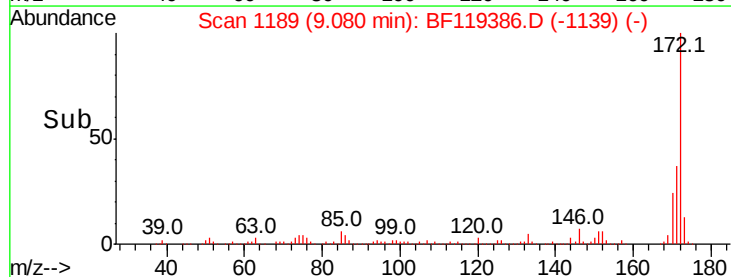
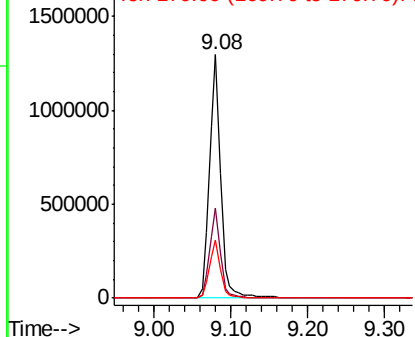


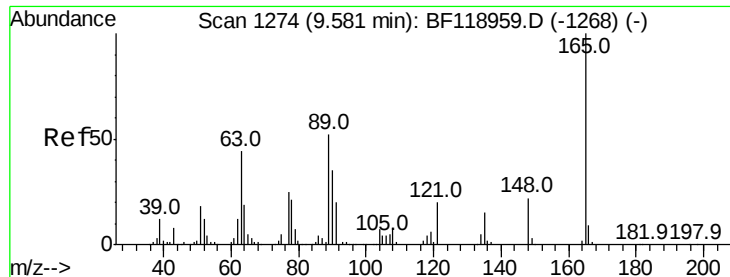
#45
 2-Fluorobiphenyl
 Concen: 72.292 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119386.D
 Acq: 12 Mar 2020 18:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	45.8
170	23.9	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

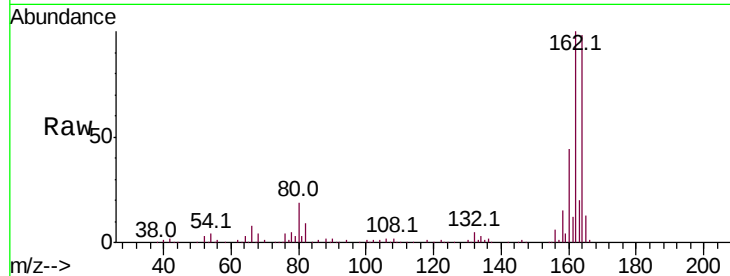




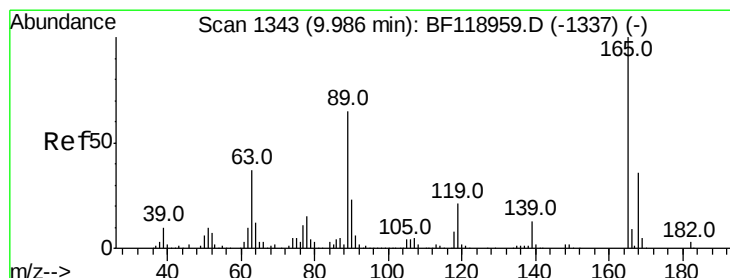
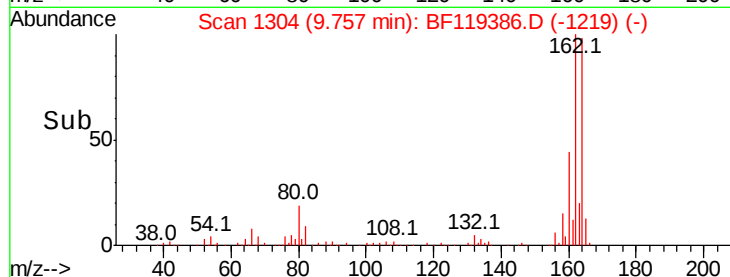
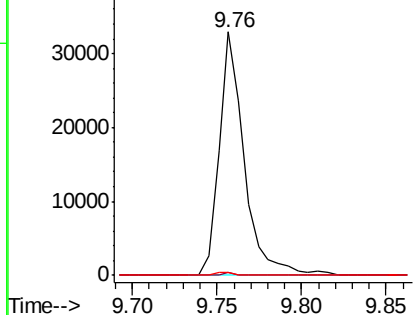
#51
 2,6-Dinitrotoluene
 Concen: 7.540 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119386.D
 Acq: 12 Mar 2020 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 34033
 Ion Ratio Lower Upper
 165 100
 63 1.3 34.3 51.5#
 89 1.0 38.3 57.5#

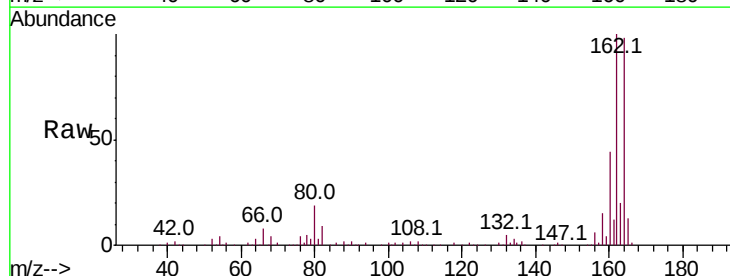


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

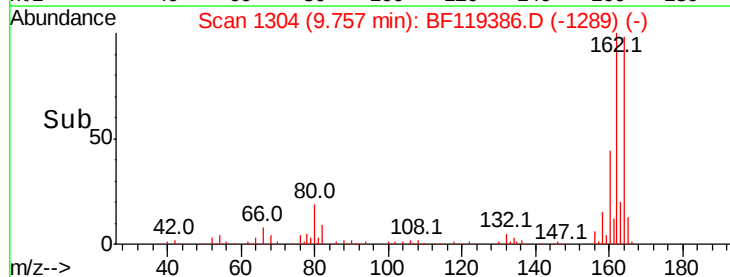
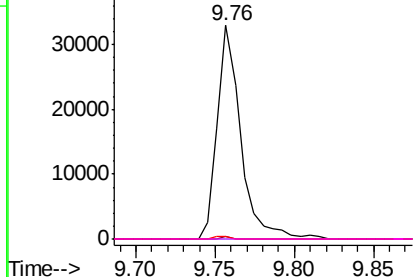


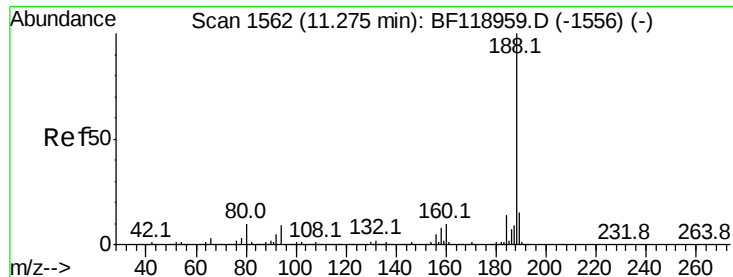
#57
 2,4-Dinitrotoluene
 Concen: 5.818 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119386.D
 Acq: 12 Mar 2020 18:05

Tgt Ion:165 Resp: 34034
 Ion Ratio Lower Upper
 165 100
 63 1.3 42.3 63.5#
 89 1.0 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# 1557

Delta R.T. 0.00 min

Lab File: BF119386.D

Acq: 12 Mar 2020 18:05

Instrument :

BNA_F

ClientSampleId :

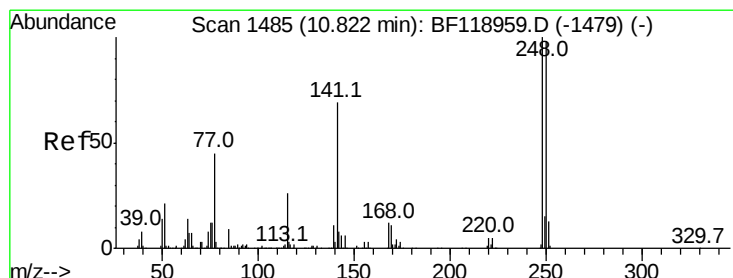
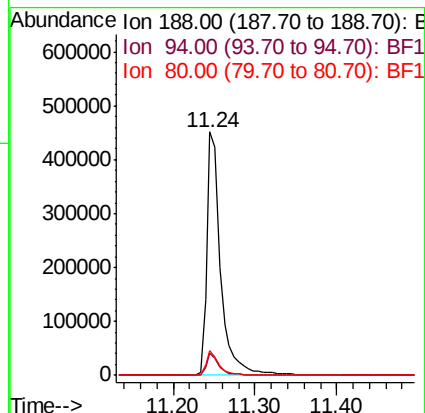
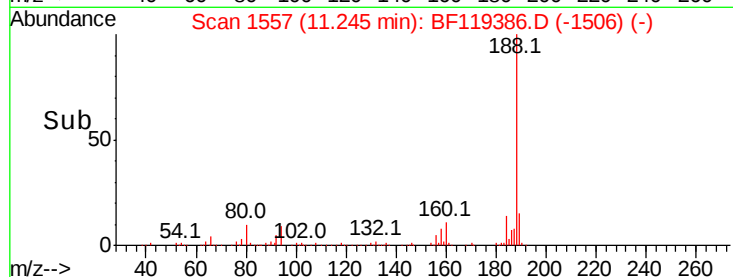
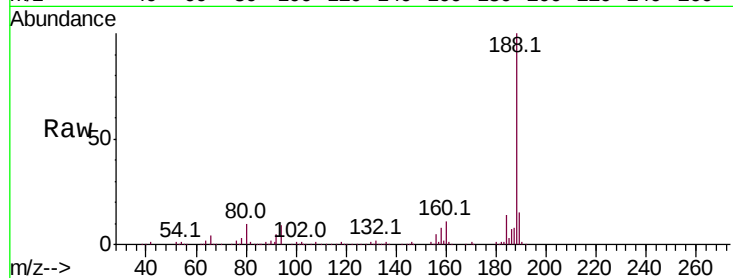
Tot Ion:188 Resp: 534218

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 10.0 7.8 11.8



#67

4-Bromophenyl-phenylether

Concen: 3.381 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF119386.D

Acq: 12 Mar 2020 18:05

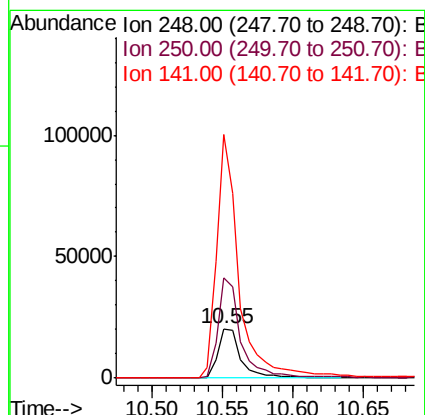
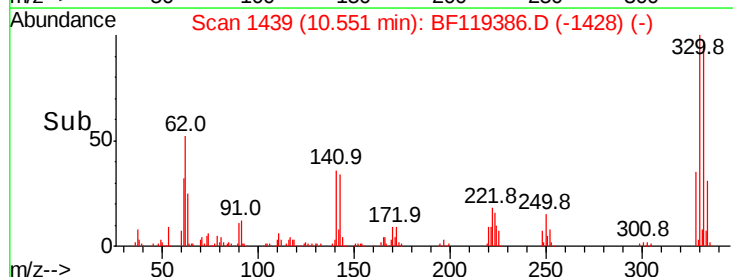
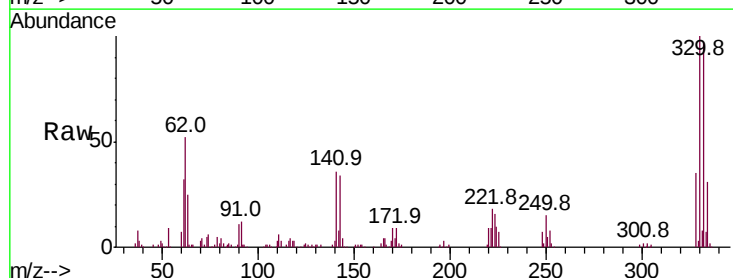
Tgt Ion:248 Resp: 23612

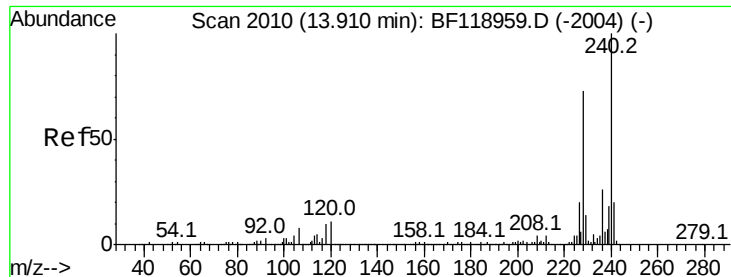
Ion Ratio Lower Upper

248 100

250 201.7 76.7 115.1#

141 492.3 60.7 91.1#

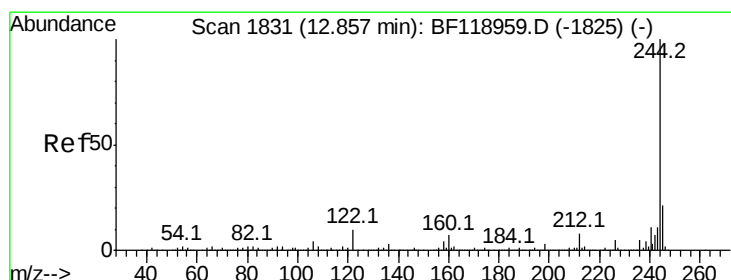
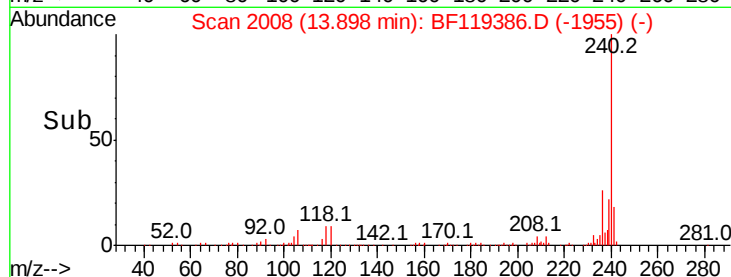
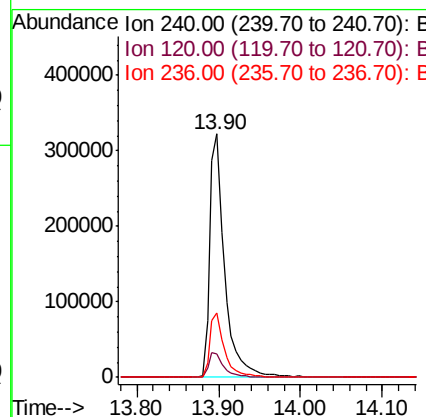
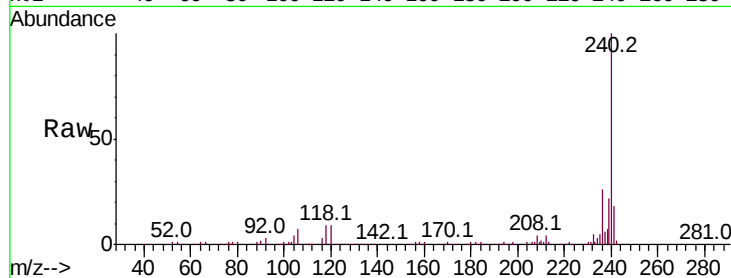




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF119386.D
 Acq: 12 Mar 2020 18:05

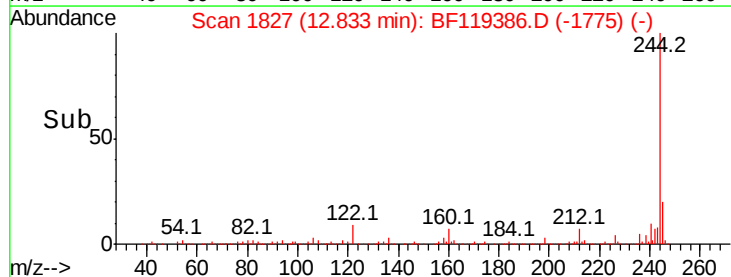
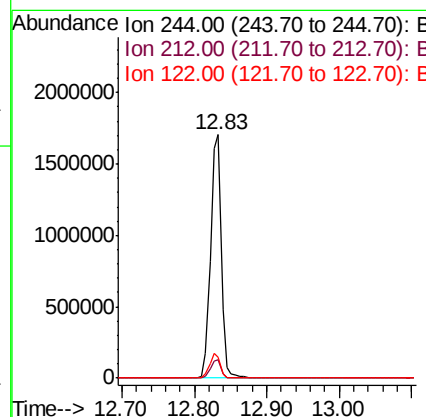
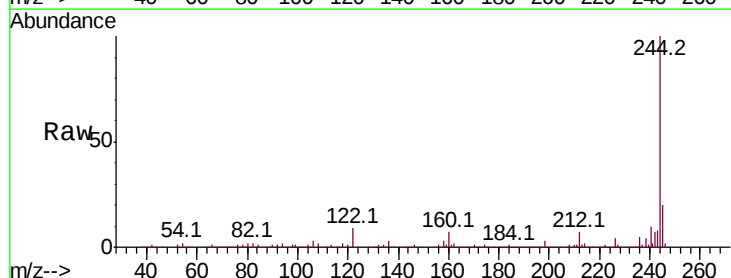
Instrument :
 BNA_F
 ClientSampleId :

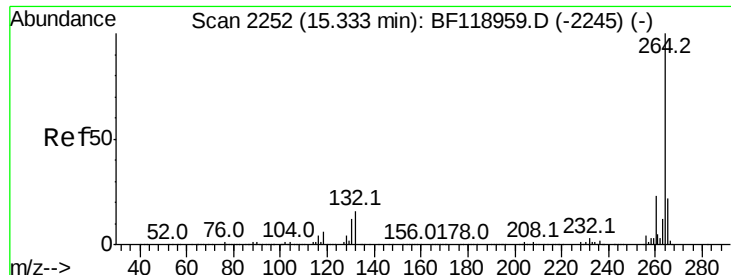
Tot Ion:240 Resp: 409968
 Ion Ratio Lower Upper
 240 100
 120 9.4 8.4 12.6
 236 26.4 21.0 31.4



#79
 Terphenyl-d14
 Concen: 73.892 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF119386.D
 Acq: 12 Mar 2020 18:05

Tgt Ion:244 Resp: 1759525
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.6 10.0
 122 8.7 8.2 12.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119386.D
Acq: 12 Mar 2020 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.0	17.7	26.5

