

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119394.D
 Acq On : 12 Mar 2020 21:59
 Operator : CG/JU
 Sample : L1852-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:48:22 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	122299	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	476036	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	270072	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	541731	20.00	ng	0.00
76) Chrysene-d12	13.90	240	449222	20.00	ng	0.01
87) Perylene-d12	15.33	264	407115	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	840156	114.80	ng	0.01
7) Phenol-d6	6.38	99	898968	101.01	ng	0.00
23) Nitrobenzene-d5	7.29	82	801872	88.94	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	455397	128.90	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1524600	83.16	ng	0.00
79) Terphenyl-d14	12.83	244	2174083	83.32	ng	0.00

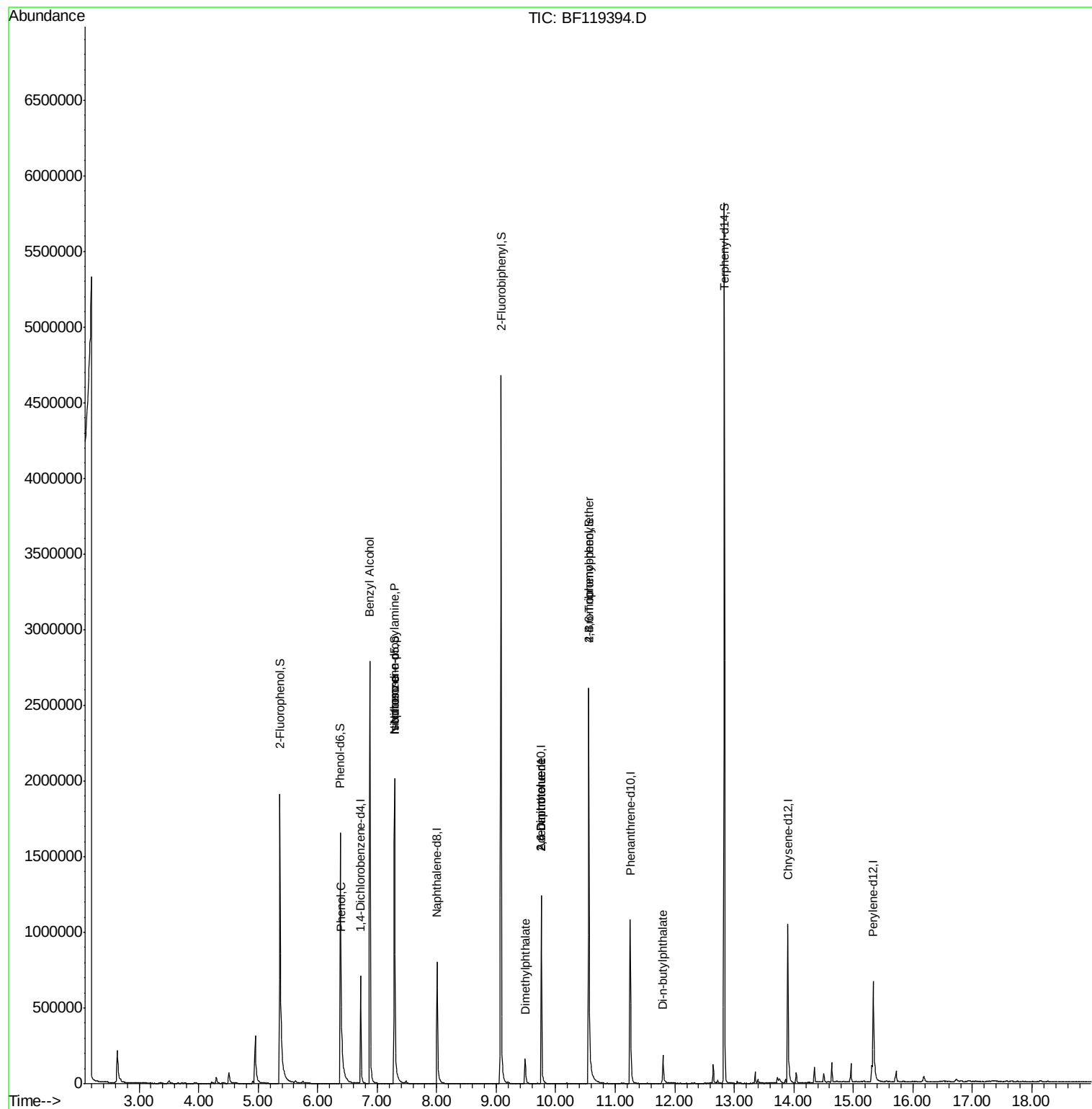
Target Compounds				Qvalue		
10) Phenol	6.40	94	22991	2.389	ng	# 52
15) Benzyl Alcohol	6.87	79	13388	2.081	ng	# 49
19) n-Nitroso-di-n-propylamine	7.29	70	110827	21.370	ng	# 74
25) Isophorone	7.29	82	801872	51.212	ng	# 63
50) Dimethylphthalate	9.49	163	101464	4.913	ng	99
51) 2,6-Dinitrotoluene	9.76	165	34044	7.420	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	34044	5.724	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	30225	4.268	ng	# 1
74) Di-n-butylphthalate	11.80	149	87126	2.736	ng	97

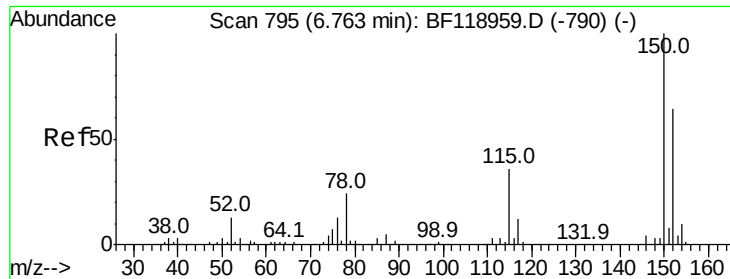
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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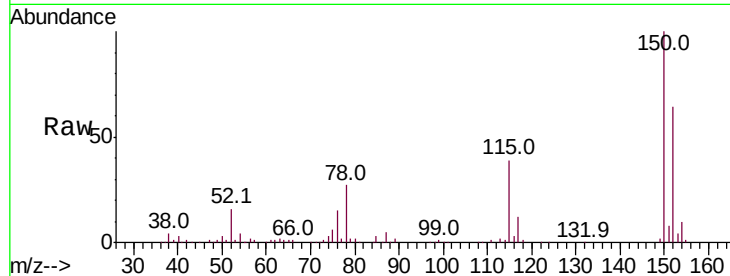


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119394.D
Acq: 12 Mar 2020 21:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.0	184.6
115	61.5	49.5	74.3

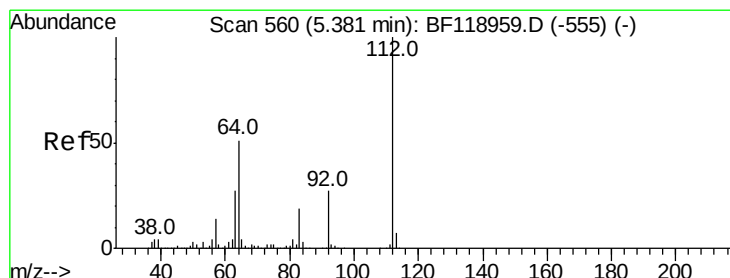
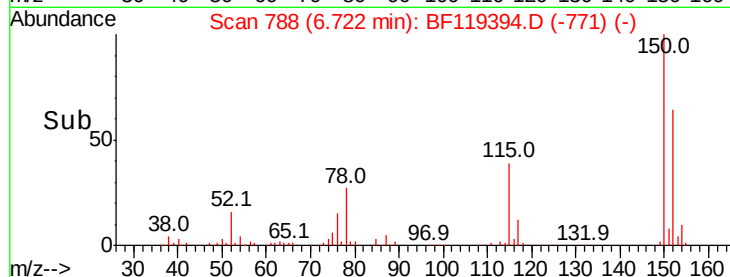
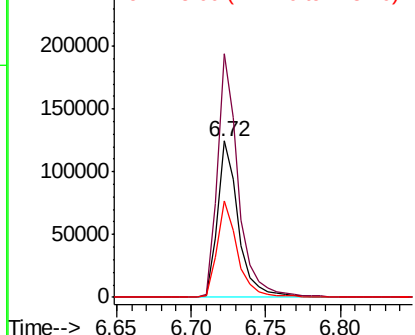


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

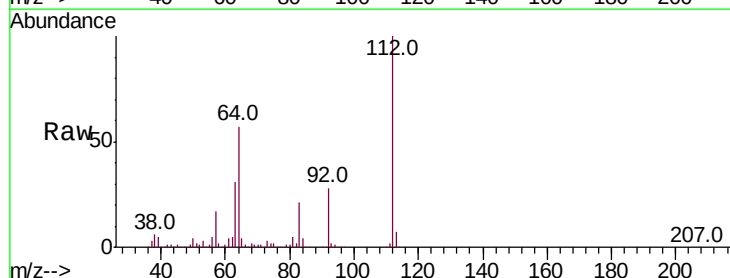
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.805 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119394.D
Acq: 12 Mar 2020 21:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.0	67.4
63	31.1	24.2	36.4

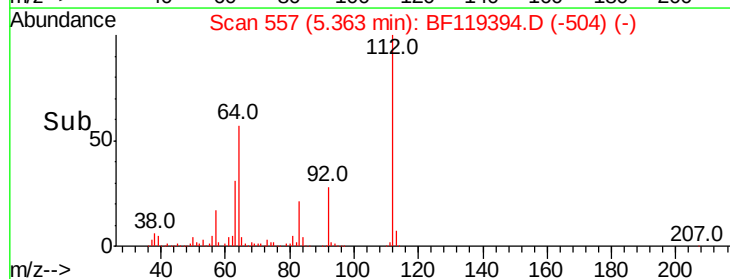
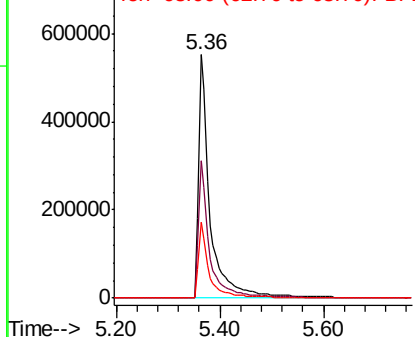


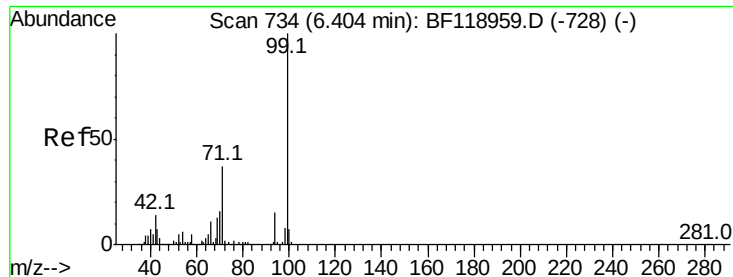
Abundance

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: 101.005 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119394.D

Acq: 12 Mar 2020 21:59

Instrument :

BNA_F

ClientSampleId :

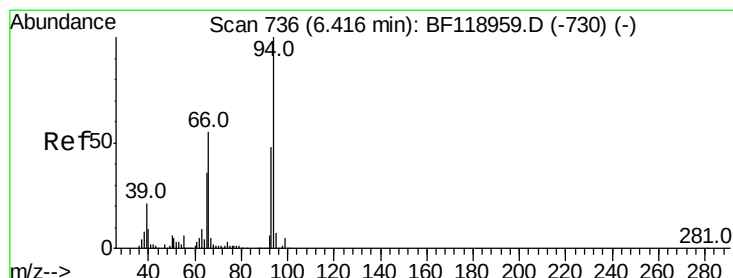
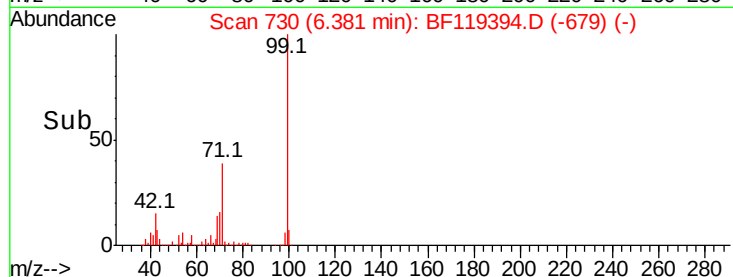
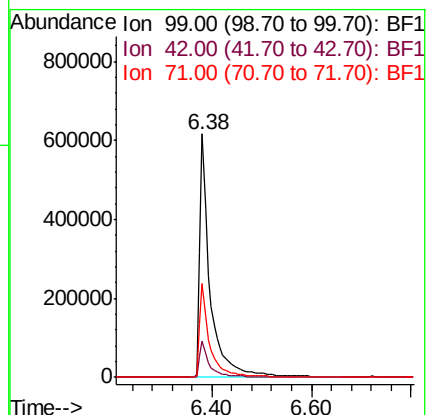
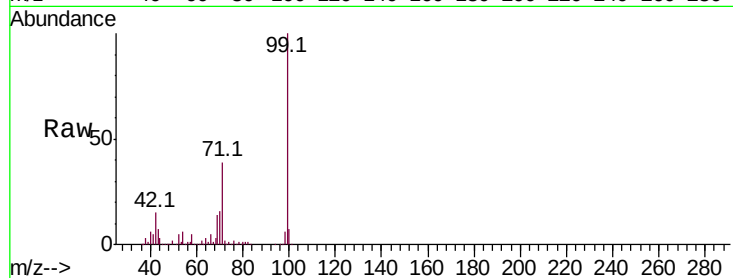
Tot Ion: 99 Resp: 898968

Ion Ratio Lower Upper

99 100

42 14.9 12.6 18.8

71 38.7 31.0 46.4



#10

Phenol

Concen: 2.389 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119394.D

Acq: 12 Mar 2020 21:59

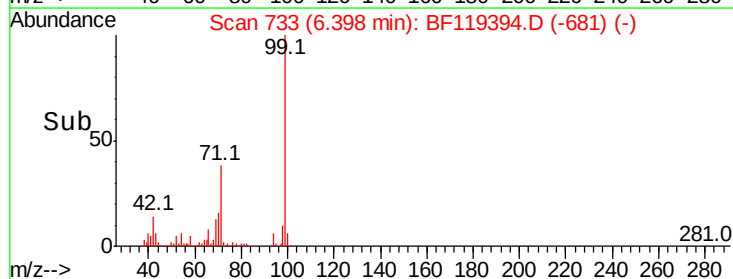
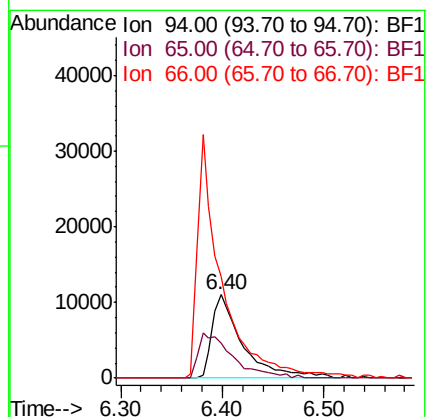
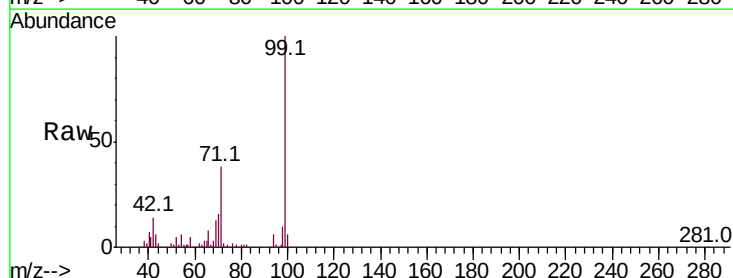
Tgt Ion: 94 Resp: 22991

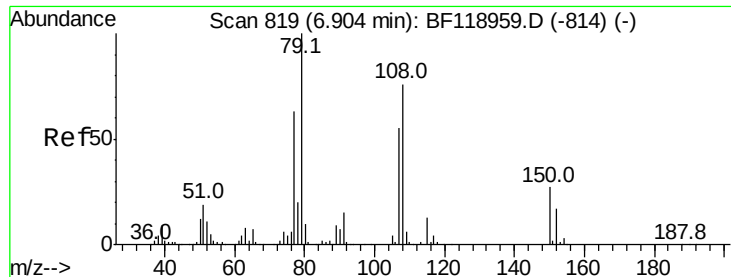
Ion Ratio Lower Upper

94 100

65 42.4 19.2 59.2

66 121.9 44.4 84.4#





#15

Benzyl Alcohol

Concen: 2.081 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF119394.D

Acq: 12 Mar 2020 21:59

Instrument :

BNA_F

ClientSampled :

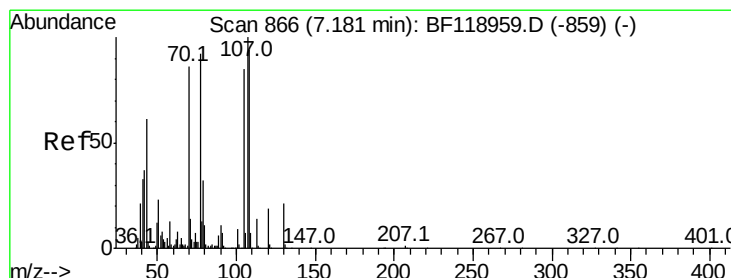
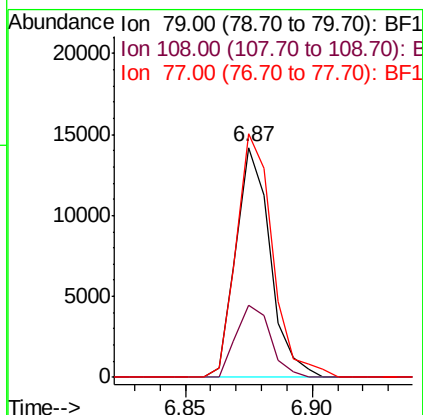
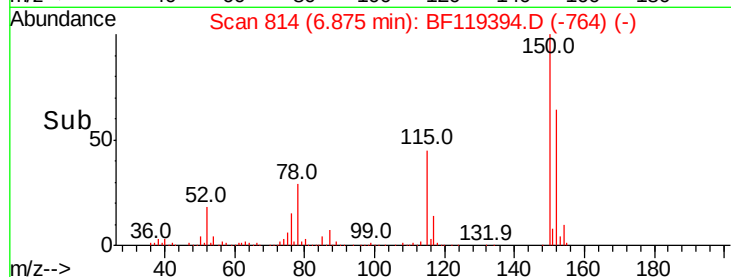
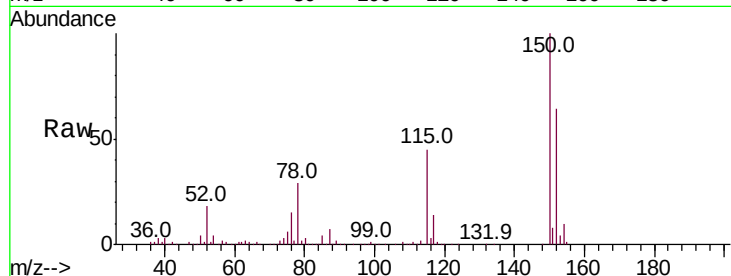
Tot Ion: 79 Resp: 13388

Ion Ratio Lower Upper

79 100

108 31.5 58.2 87.2#

77 105.8 51.2 76.8#



#19

n-Nitroso-di-n-propylamine

Concen: 21.370 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF119394.D

Acq: 12 Mar 2020 21:59

Tgt Ion: 70 Resp: 110827

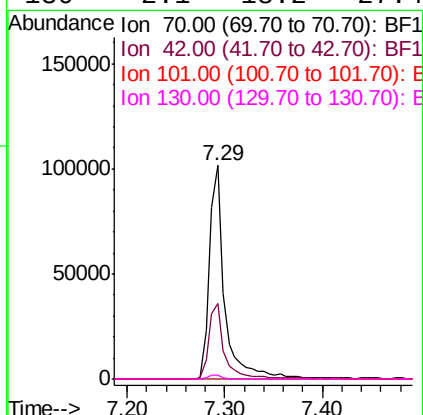
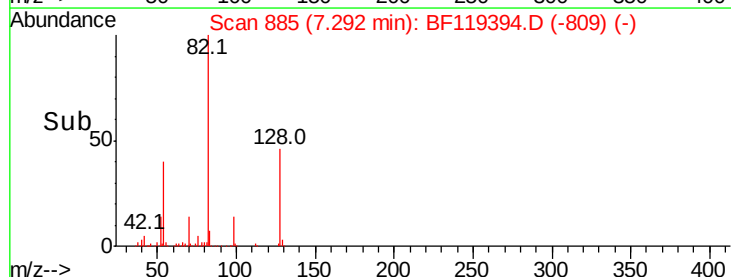
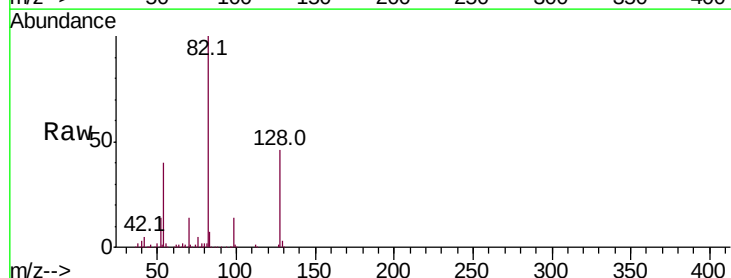
Ion Ratio Lower Upper

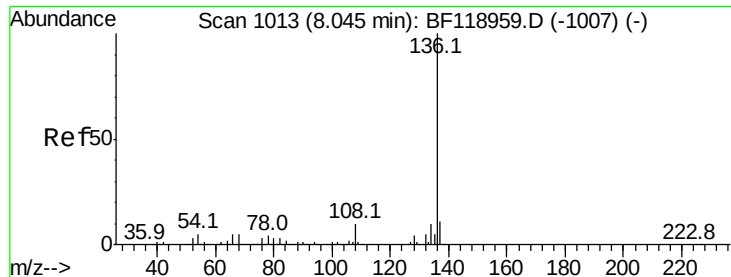
70 100

42 35.5 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: BF119394.D

Acq: 12 Mar 2020 21:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 476036

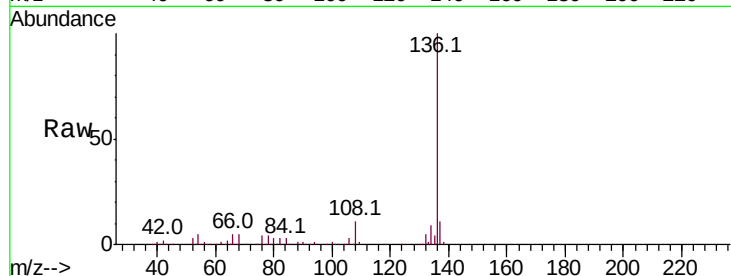
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 5.2 3.8 5.6

68 5.4 3.9 5.9

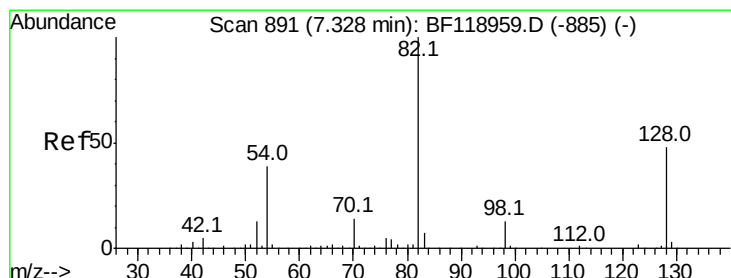
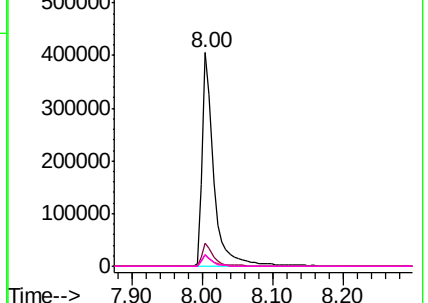
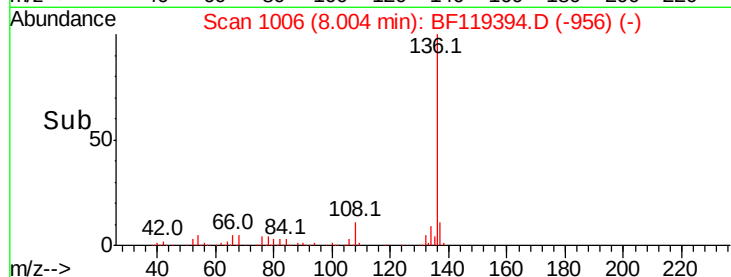


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.940 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119394.D

Acq: 12 Mar 2020 21:59

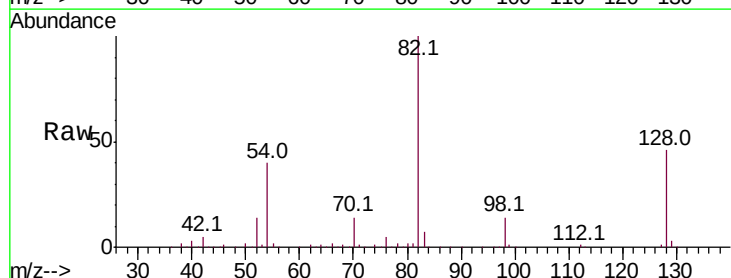
Tgt Ion: 82 Resp: 801872

Ion Ratio Lower Upper

82 100

128 45.9 37.9 56.9

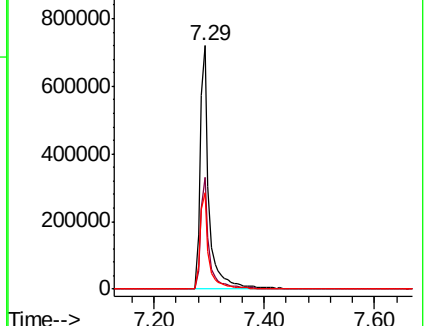
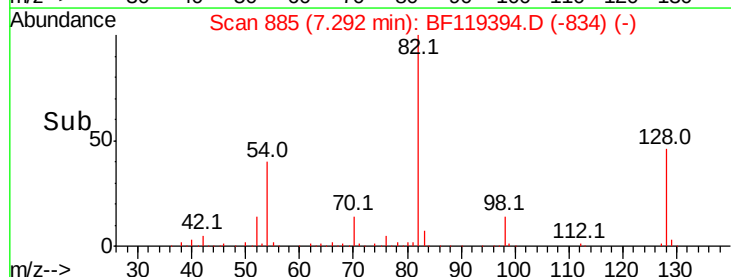
54 39.9 33.4 50.2

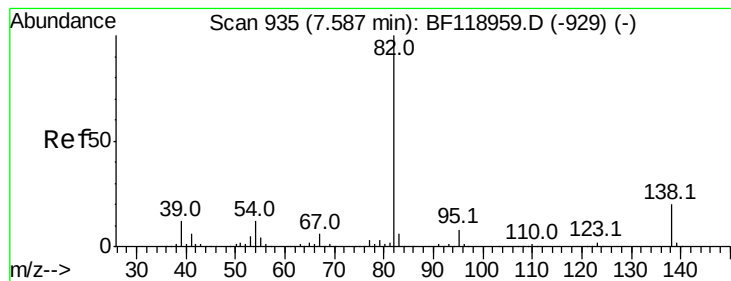


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.212 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF119394.D

Acq: 12 Mar 2020 21:59

Instrument :

BNA_F

ClientSampled :

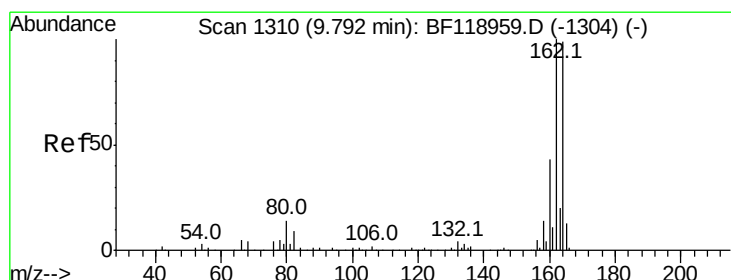
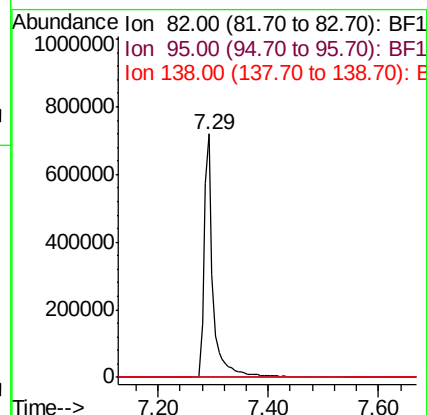
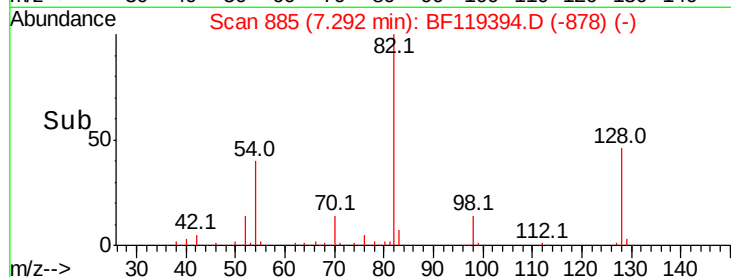
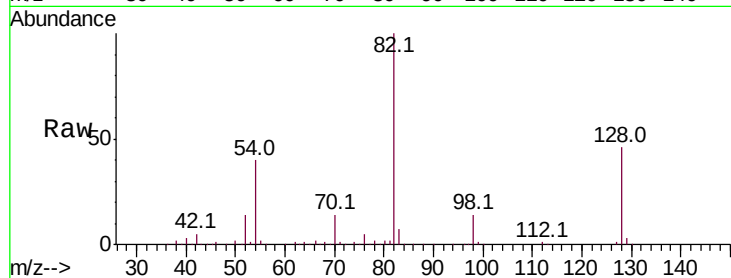
Tot Ion: 82 Resp: 801872

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: BF119394.D

Acq: 12 Mar 2020 21:59

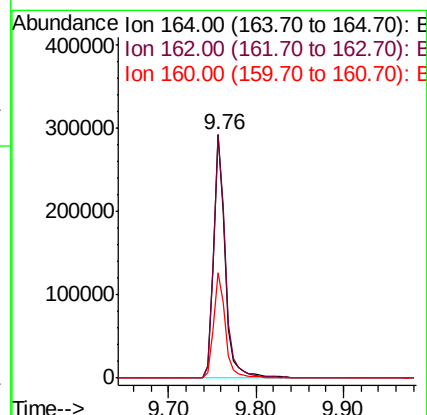
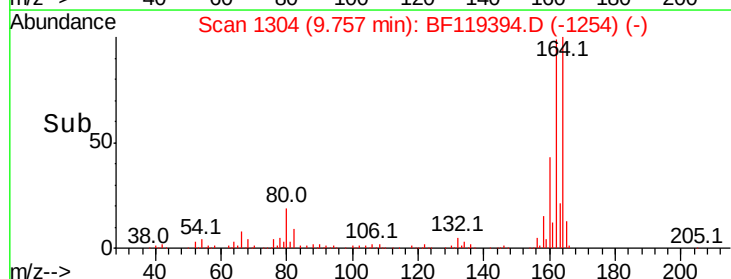
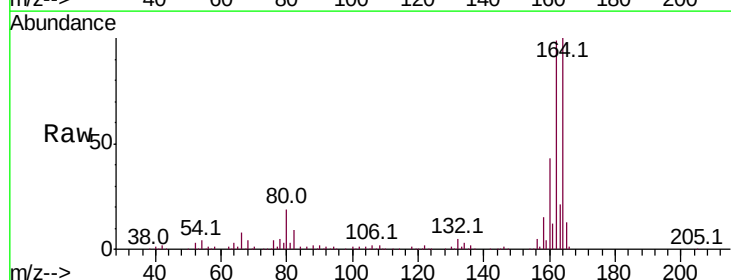
Tgt Ion:164 Resp: 270072

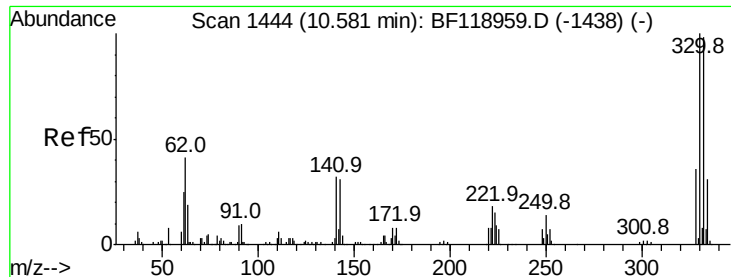
Ion Ratio Lower Upper

164 100

162 99.4 81.8 122.8

160 43.3 36.0 54.0

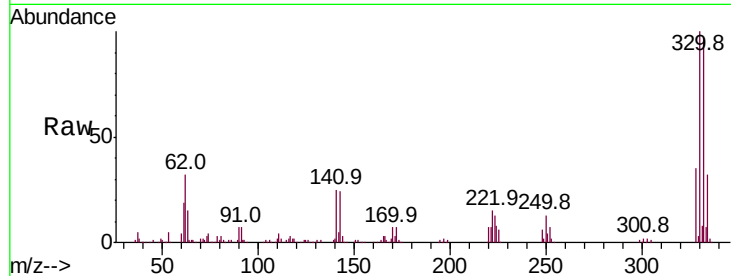




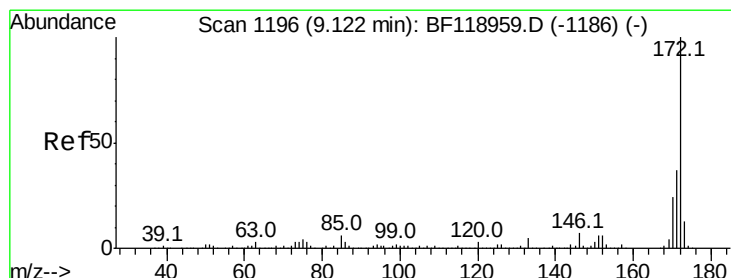
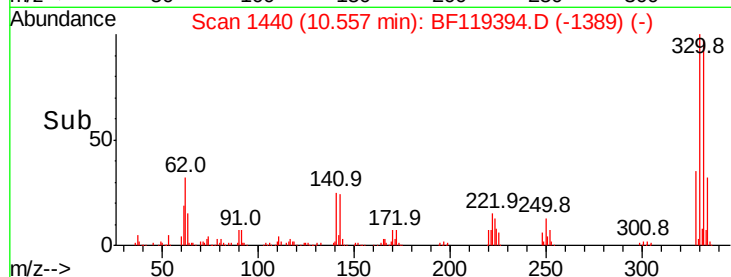
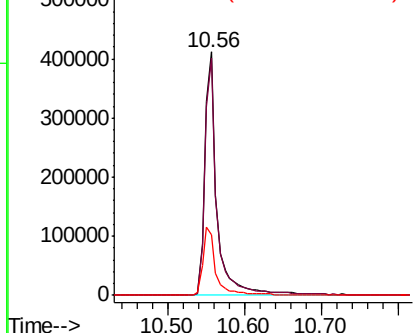
#42
 2,4,6-Tribromophenol
 Concen: 128.898 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119394.D
 Acq: 12 Mar 2020 21:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.0	114.0
141	30.9	22.9	34.3

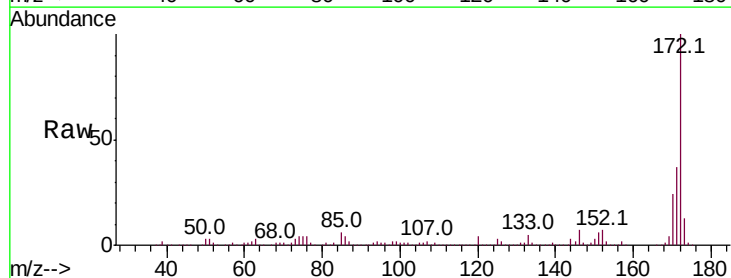


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

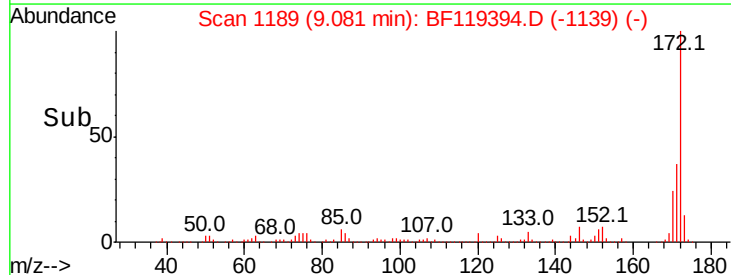
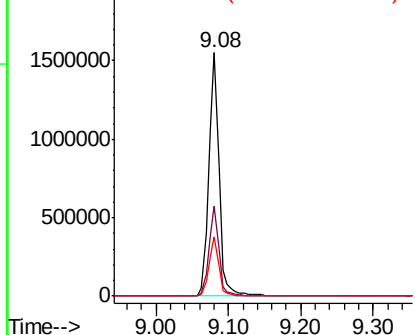


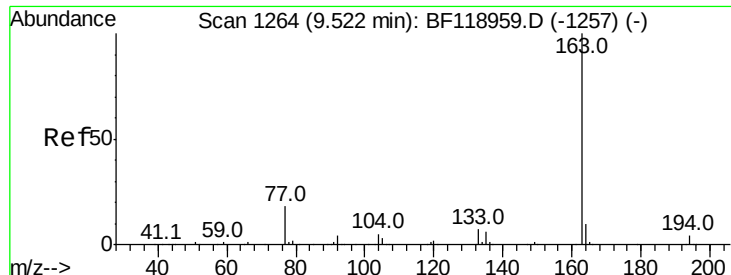
#45
 2-Fluorobiphenyl
 Concen: 83.163 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119394.D
 Acq: 12 Mar 2020 21:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	45.8
170	24.3	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

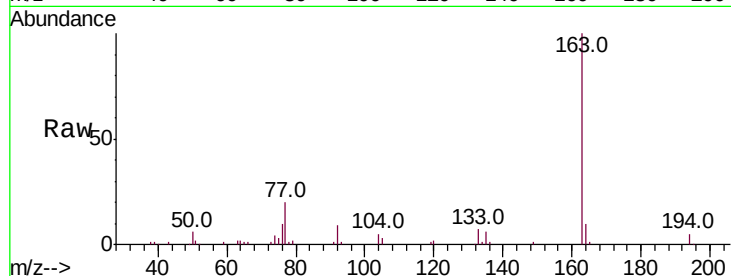




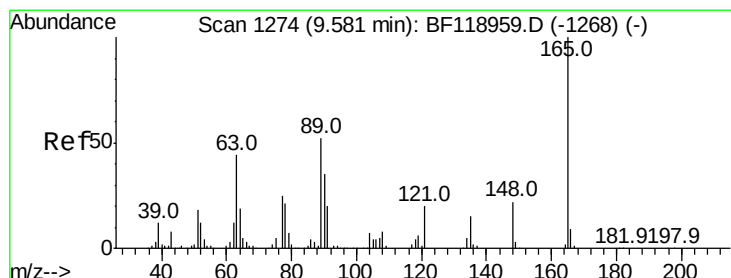
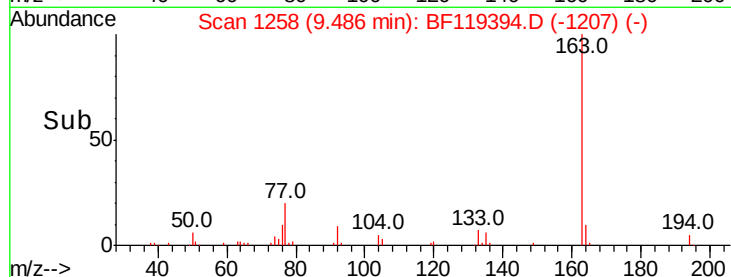
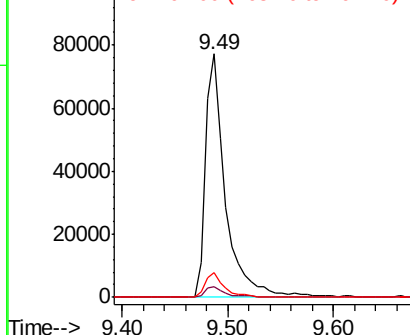
#50
Dimethylphthalate
Concen: 4.913 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF119394.D
Acq: 12 Mar 2020 21:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 101464
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.0 8.4 12.6

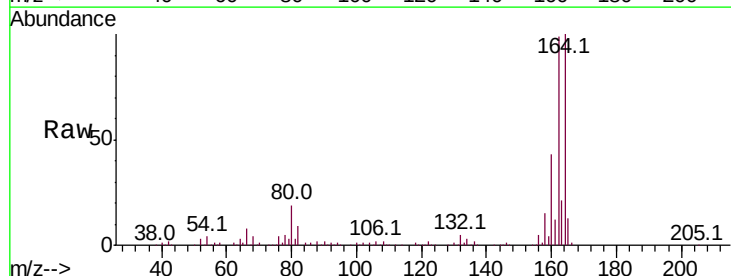


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

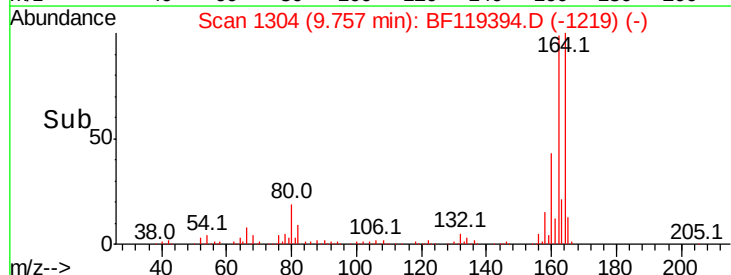
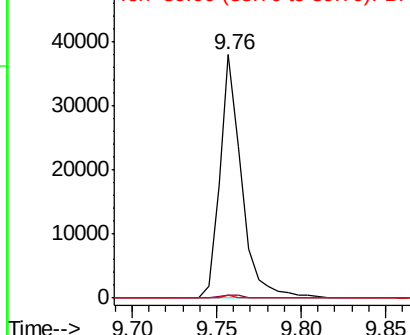


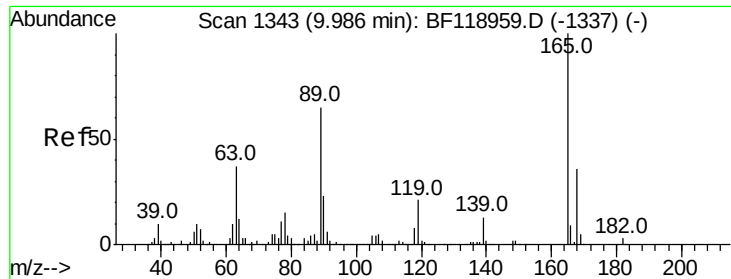
#51
2,6-Dinitrotoluene
Concen: 7.420 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF119394.D
Acq: 12 Mar 2020 21:59

Tgt Ion:165 Resp: 34044
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.2 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

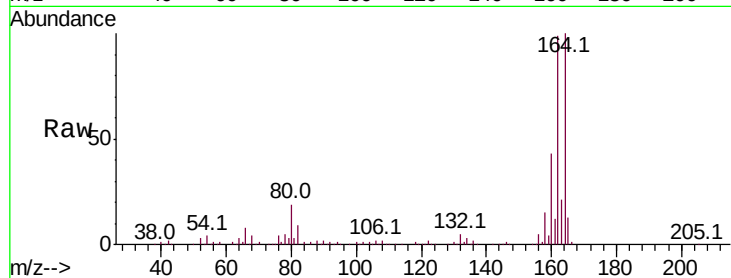




#57
 2,4-Dinitrotoluene
 Concen: 5.724 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119394.D
 Acq: 12 Mar 2020 21:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.3	63.5#
89	1.2	60.2	90.4#
182	0.0	2.3	3.5#



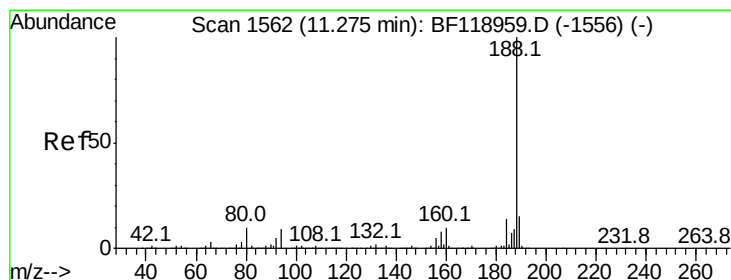
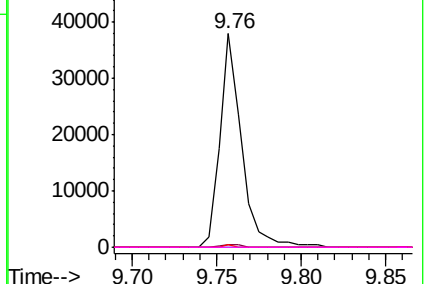
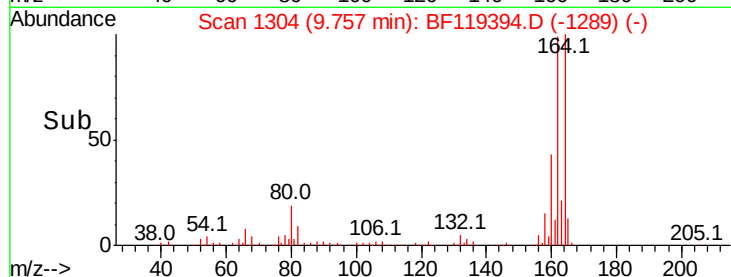
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

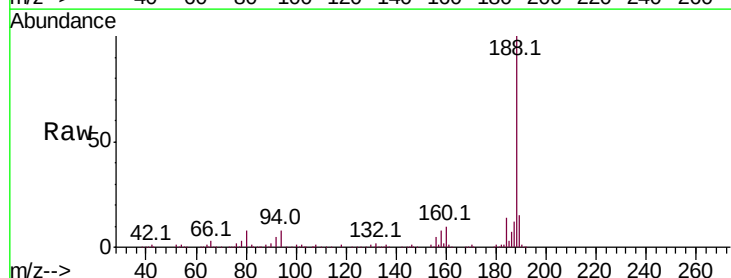
Ion 89.00 (88.70 to 89.70): BF1

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: BF119394.D
 Acq: 12 Mar 2020 21:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.1	10.7
80	8.4	7.8	11.8

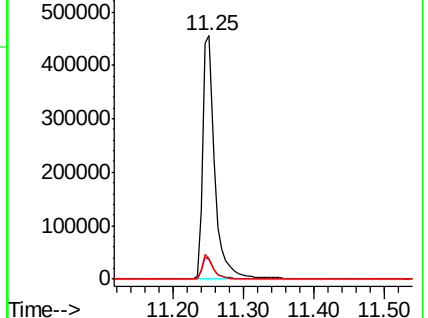
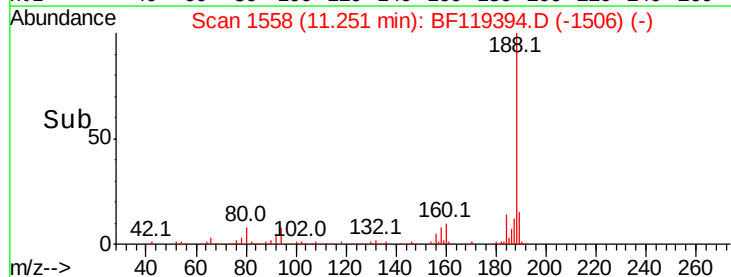


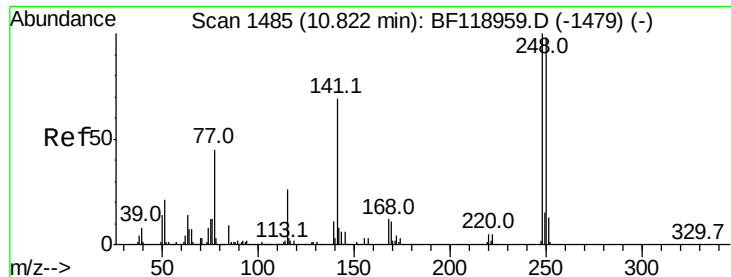
Abundance

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

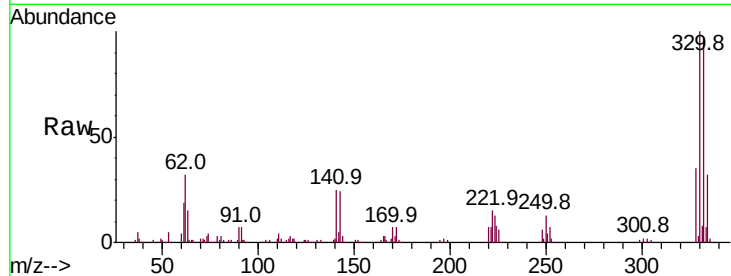




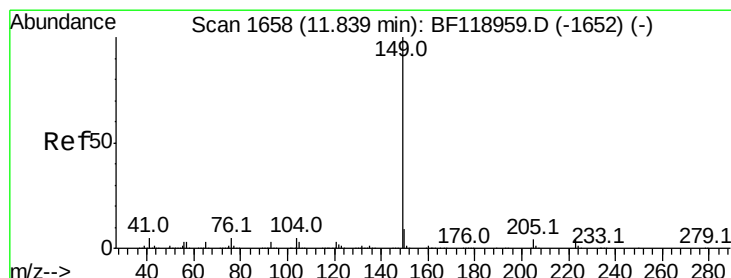
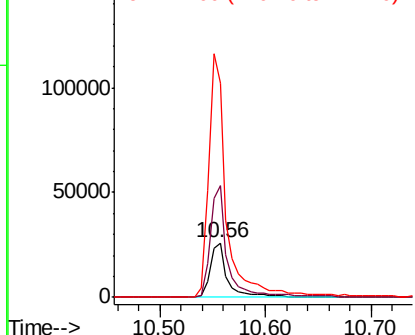
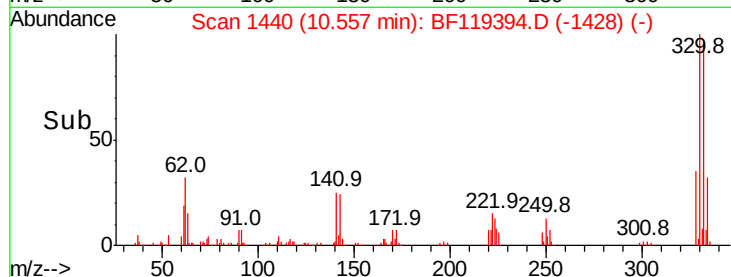
#67
4-Bromophenyl-phenylether
Concen: 4.268 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.23 min
Lab File: BF119394.D
Acq: 12 Mar 2020 21:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 30225
Ion Ratio Lower Upper
248 100
250 206.3 76.7 115.1#
141 393.8 60.7 91.1#

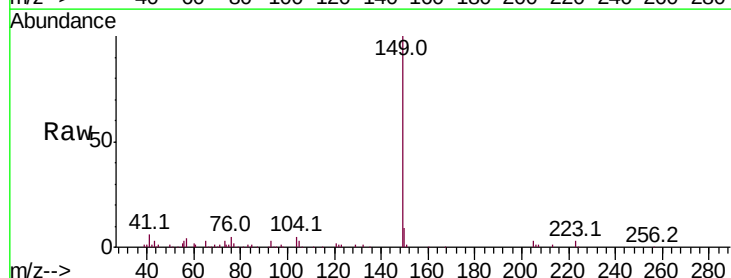


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

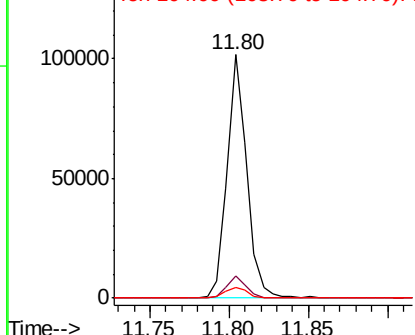
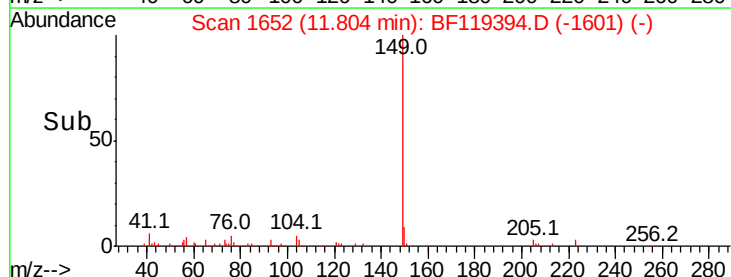


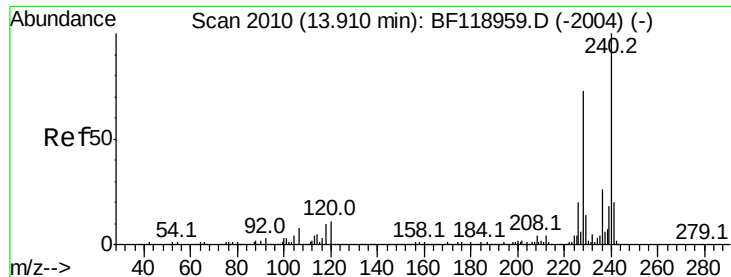
#74
Di-n-butylphthalate
Concen: 2.736 ng
RT: 11.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BF119394.D
Acq: 12 Mar 2020 21:59

Tgt Ion:149 Resp: 87126
Ion Ratio Lower Upper
149 100
150 8.9 7.9 11.9
104 4.6 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF119394.D

Acq: 12 Mar 2020 21:59

Instrument :

BNA_F

ClientSampleId :

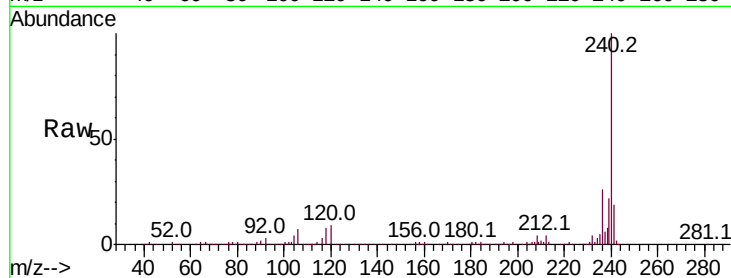
Tot Ion:240 Resp: 449222

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

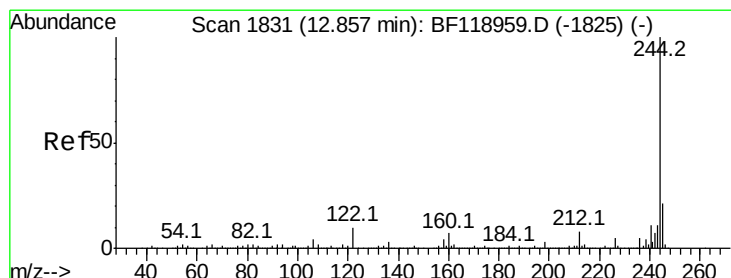
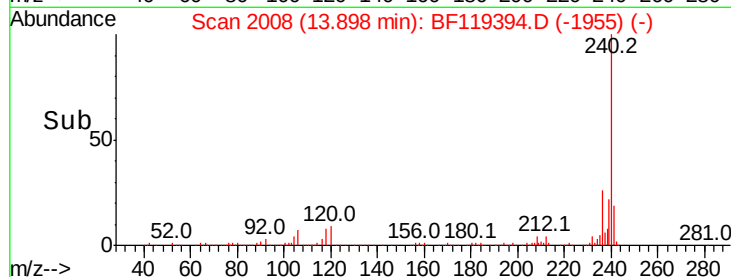
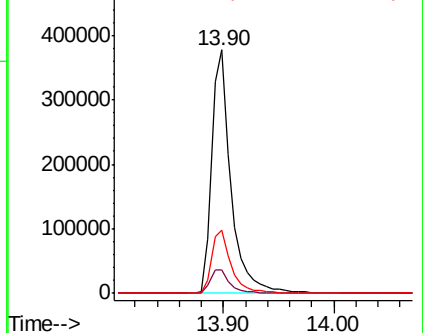
236 25.9 21.0 31.4



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: 83.323 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119394.D

Acq: 12 Mar 2020 21:59

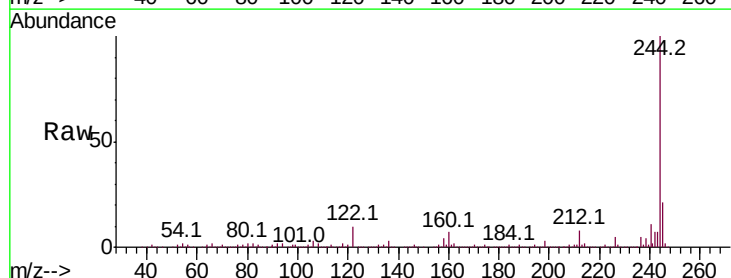
Tgt Ion:244 Resp: 2174083

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

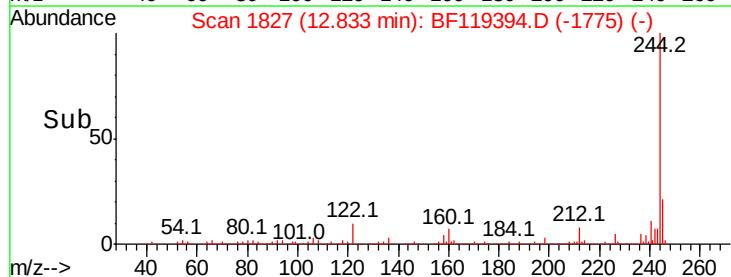
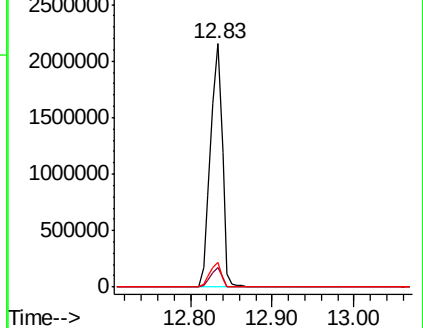
122 9.9 8.2 12.2

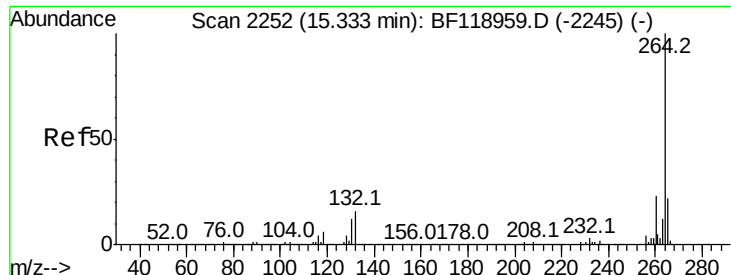


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

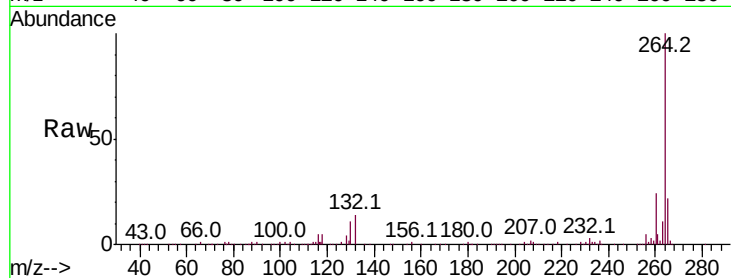




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.02 min
 Lab File: BF119394.D
 Acq: 12 Mar 2020 21:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.8	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

