

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
 Data File : BF119000.D
 Acq On : 21 Feb 2020 18:51
 Operator : CG/JU
 Sample : L1526-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 24 02:21:34 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

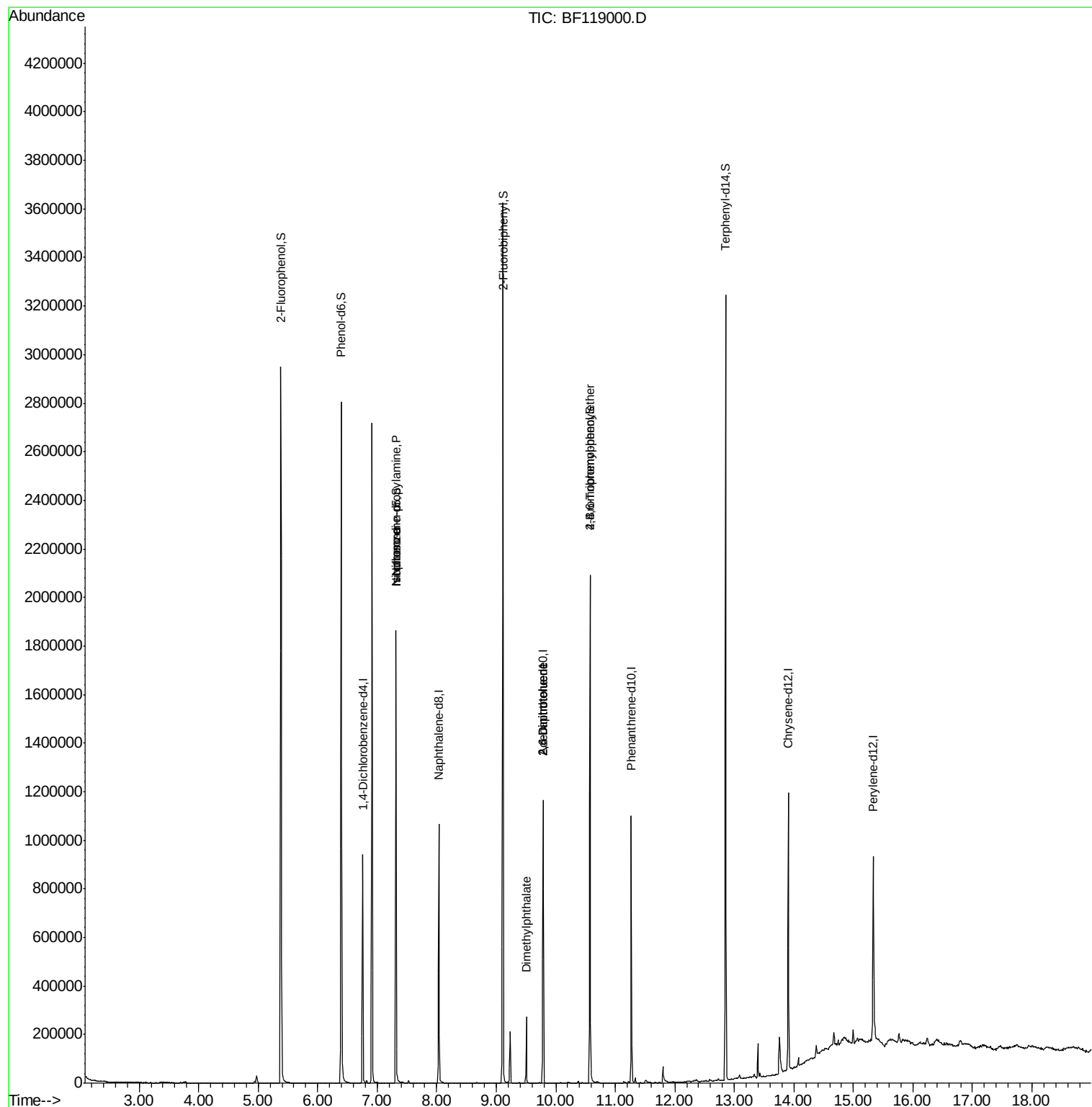
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	150665	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	510513	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	230973	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	404754	20.00	ng	0.00
76) Chrysene-d12	13.90	240	379424	20.00	ng	0.00
87) Perylene-d12	15.33	264	348711	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	888505	98.55	ng	0.00
7) Phenol-d6	6.40	99	1033564	94.26	ng	0.00
23) Nitrobenzene-d5	7.32	82	655137	67.76	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	270298	89.46	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1139240	72.66	ng	-0.01
79) Terphenyl-d14	12.86	244	1239385	56.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	88101	13.789	ng	# 77
25) Isophorone	7.32	82	655133	39.015	ng	# 63
50) Dimethylphthalate	9.50	163	103787	5.876	ng	100
51) 2,6-Dinitrotoluene	9.79	165	29720	7.574	ng	# 29
57) 2,4-Dinitrotoluene	9.79	165	29720	5.843	ng	# 28
67) 4-Bromophenyl-phenylether	10.57	248	17246	3.260	ng	# 1

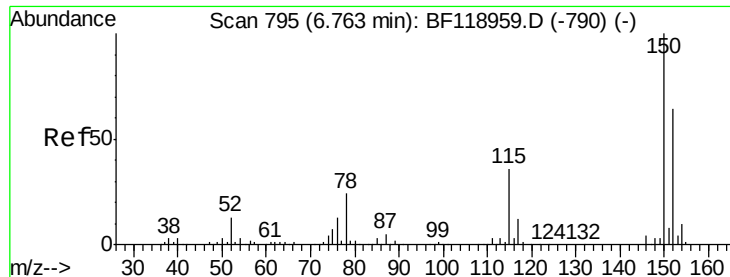
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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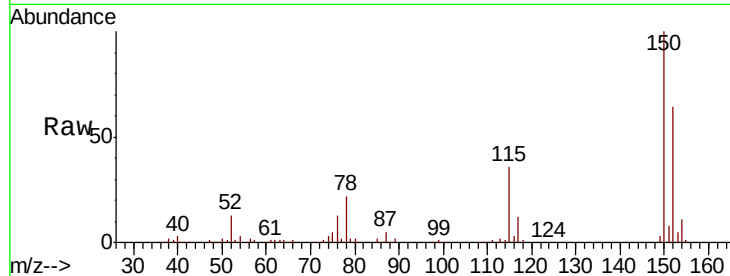


#1

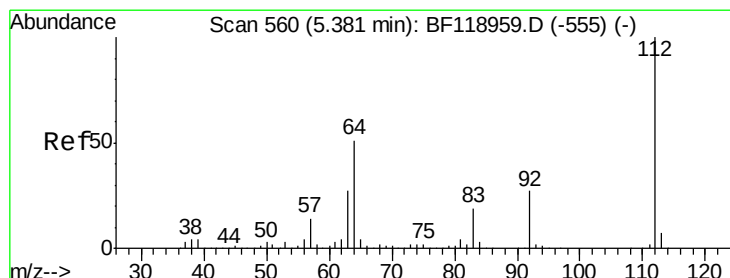
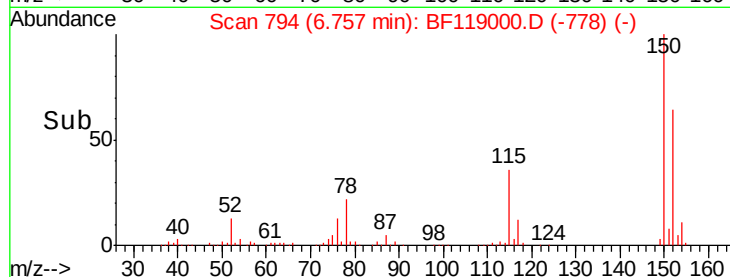
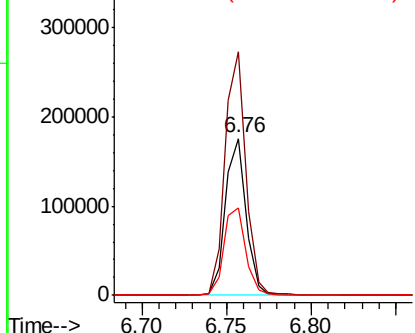
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119000.D
Acq: 21 Feb 2020 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.3	186.5
115	56.2	44.6	67.0



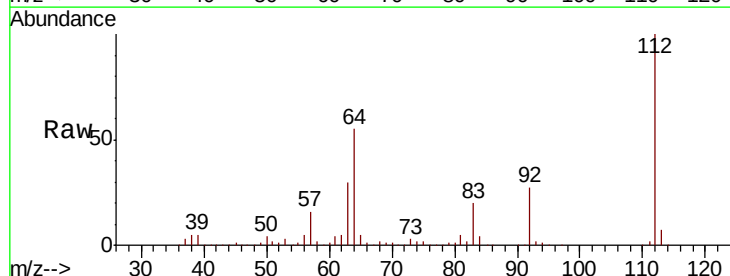
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



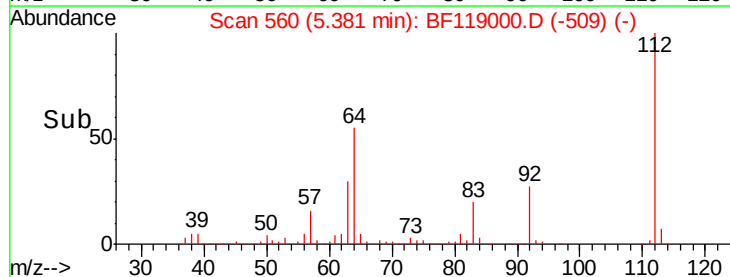
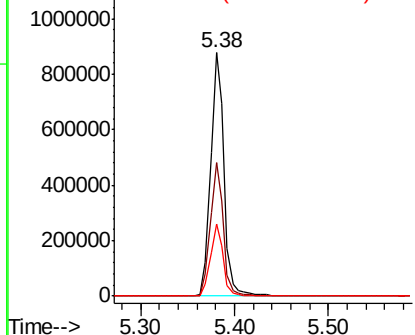
#5

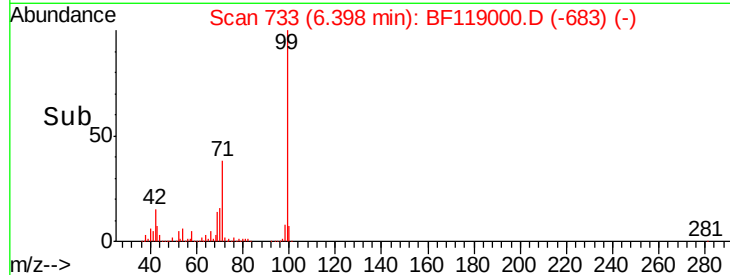
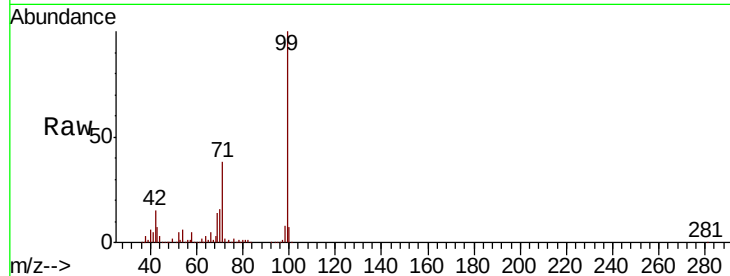
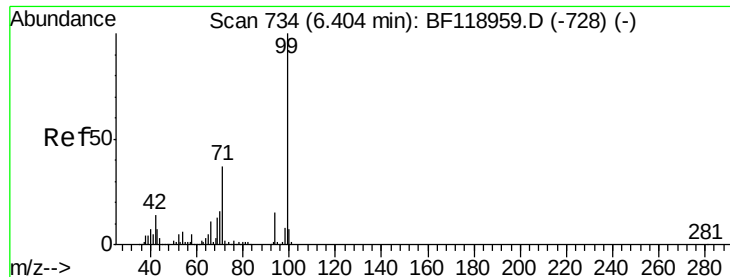
2-Fluorophenol
Concen: 98.553 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119000.D
Acq: 21 Feb 2020 18:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	40.4	60.6
63	29.5	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: 94.265 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119000.D

Acq: 21 Feb 2020 18:51

Instrument :

BNA_F

ClientSampled :

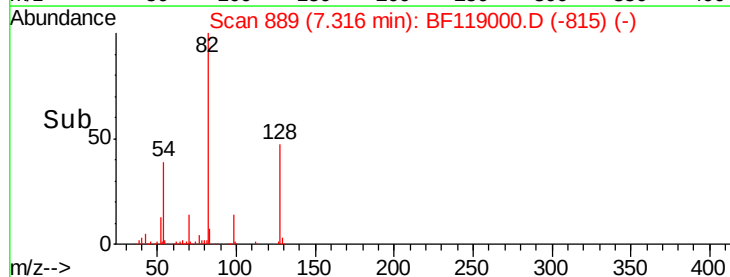
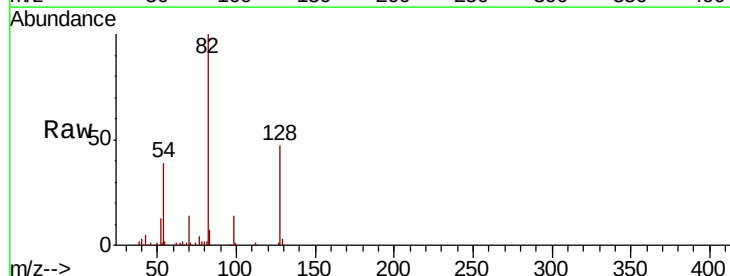
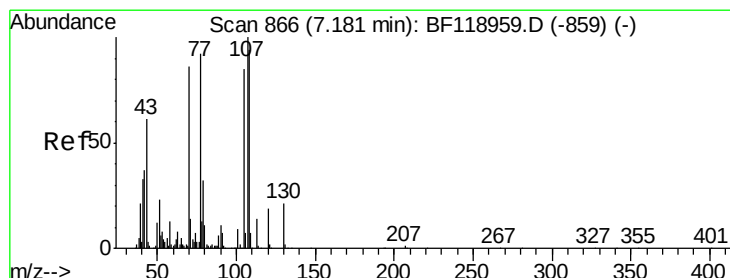
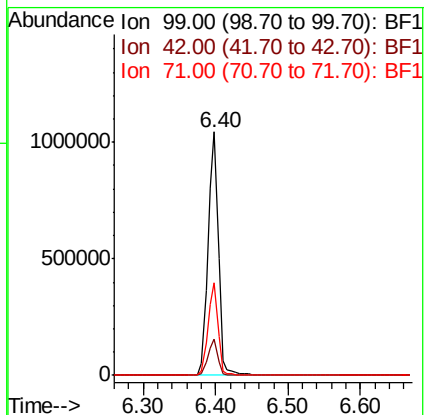
Tot Ion: 99 Resp: 1033564

Ion Ratio Lower Upper

99 100

42 14.7 11.4 17.0

71 37.8 29.8 44.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.789 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119000.D

Acq: 21 Feb 2020 18:51

Tgt Ion: 70 Resp: 88101

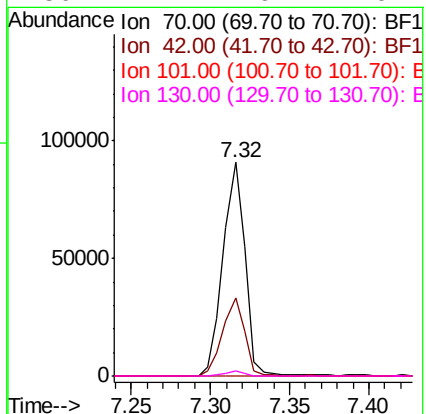
Ion Ratio Lower Upper

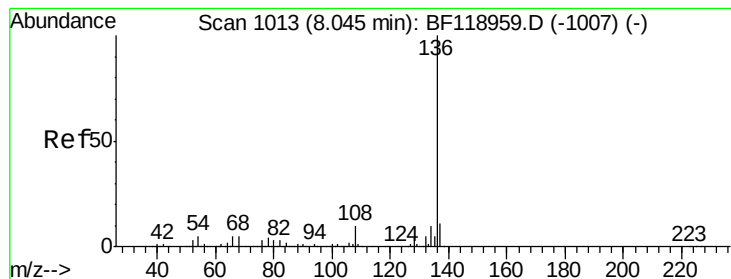
70 100

42 36.4 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: BF119000.D

Acq: 21 Feb 2020 18:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 510513

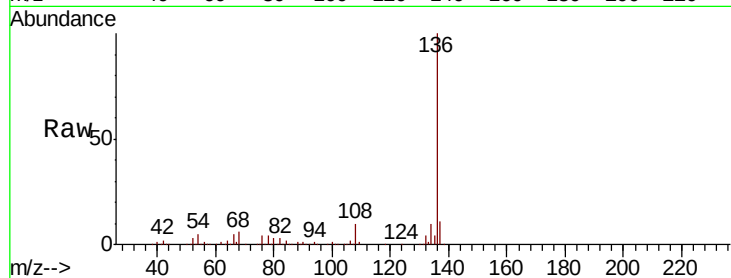
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 5.4 3.8 5.6

68 5.6 4.2 6.2

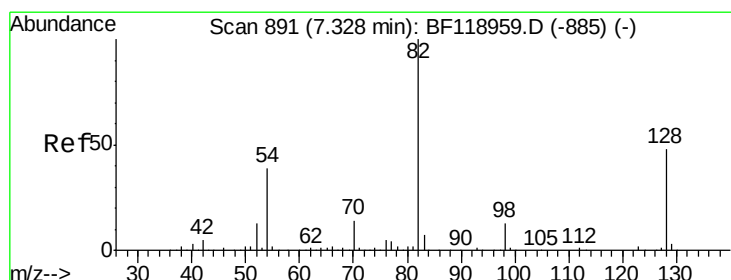
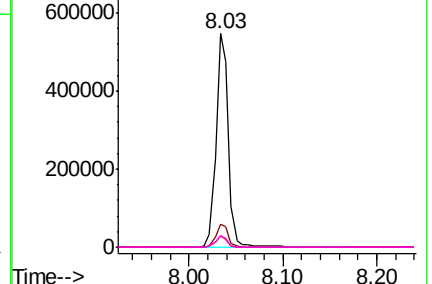
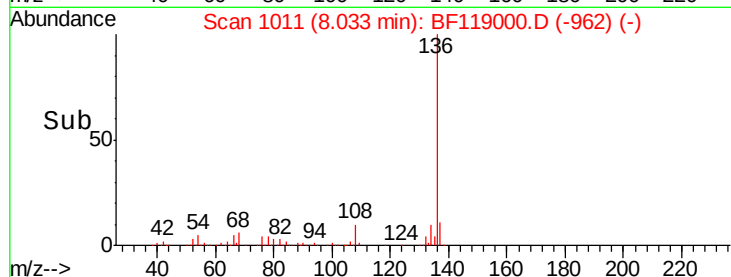


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.758 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119000.D

Acq: 21 Feb 2020 18:51

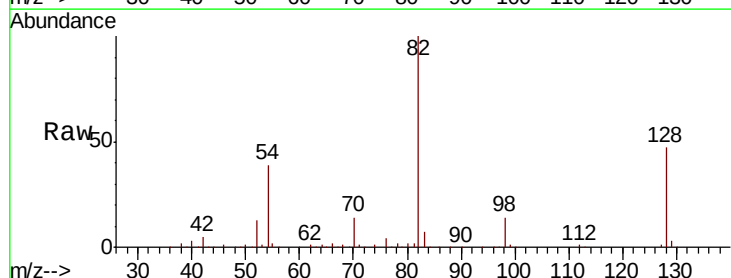
Tgt Ion: 82 Resp: 655137

Ion Ratio Lower Upper

82 100

128 46.9 38.2 57.2

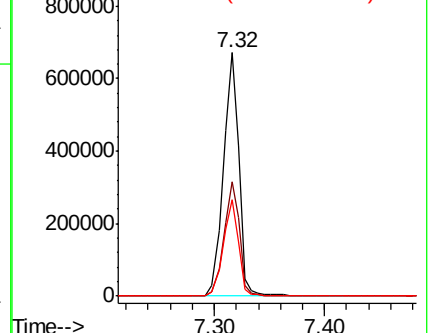
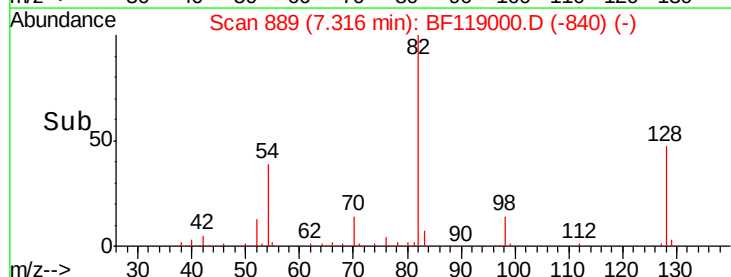
54 39.4 31.3 46.9

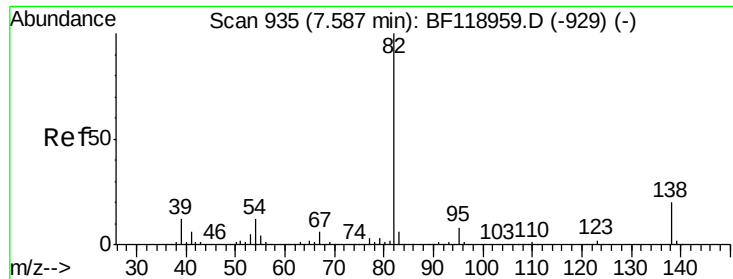


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

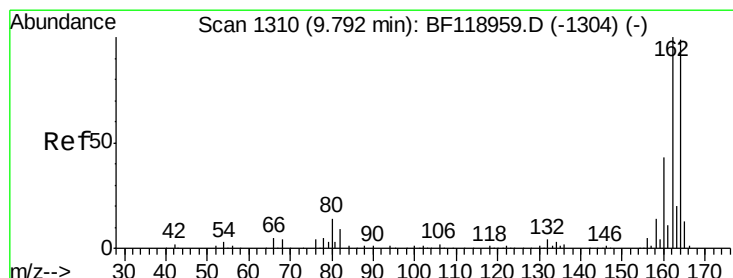
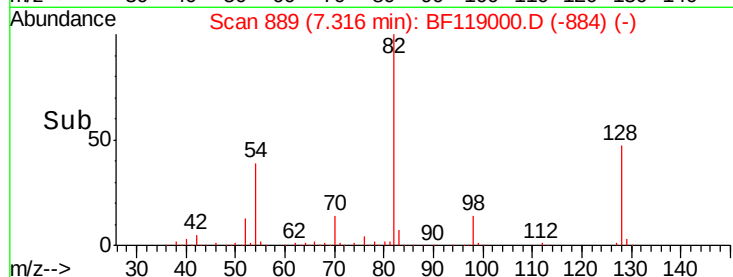
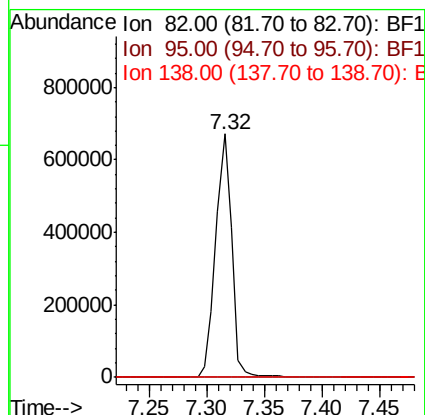
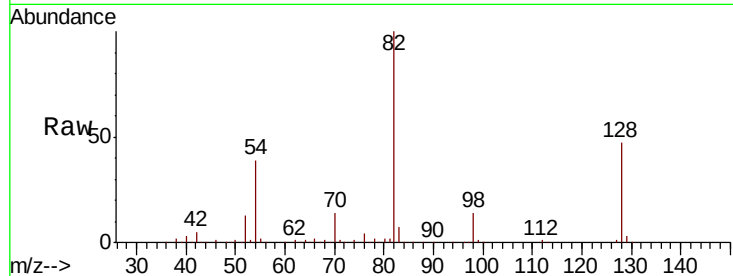




#25
Isophorone
Concen: 39.015 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.27 min
Lab File: BF119000.D
Acq: 21 Feb 2020 18:51

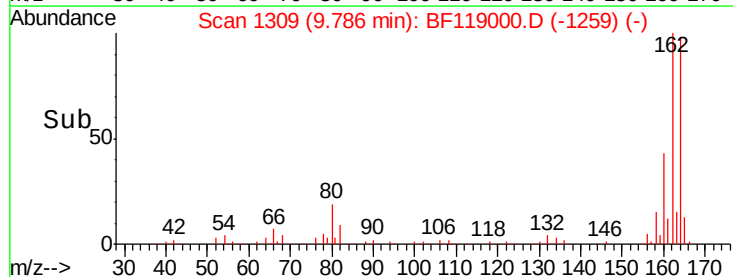
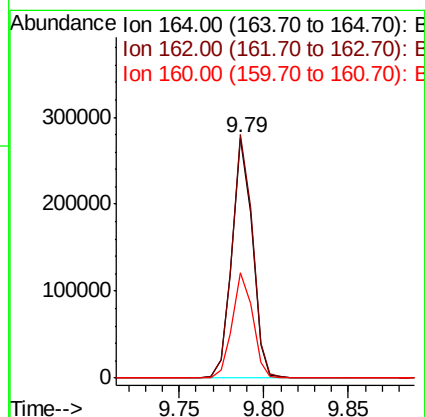
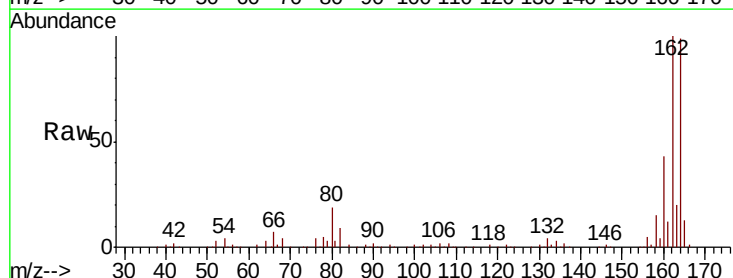
Instrument :
BNA_F
ClientSampleId :

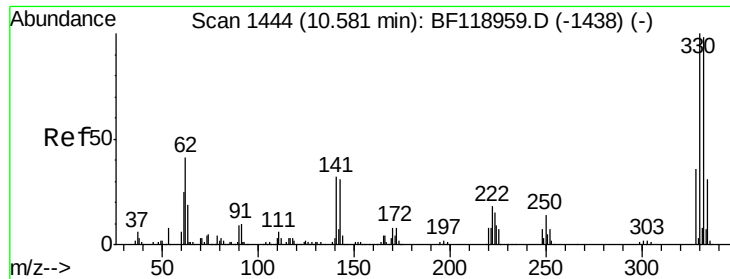
Tot Ion: 82 Resp: 655133
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.8 23.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119000.D
Acq: 21 Feb 2020 18:51

Tgt Ion:164 Resp: 230973
Ion Ratio Lower Upper
164 100
162 101.4 81.2 121.8
160 44.0 35.2 52.8

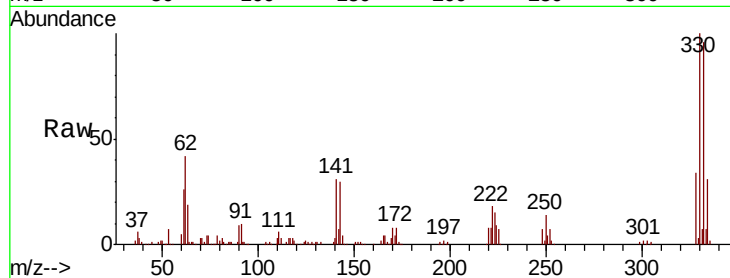




#42
 2,4,6-Tribromophenol
 Concen: 89.458 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119000.D
 Acq: 21 Feb 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	28.8	23.0	34.6

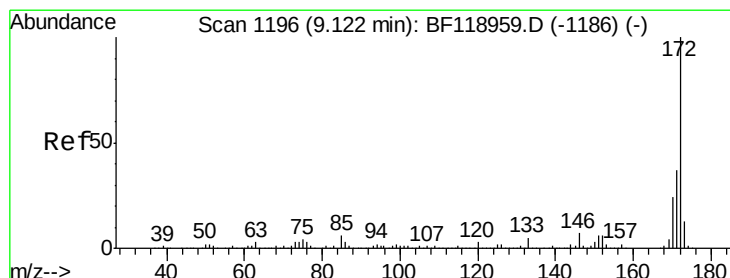
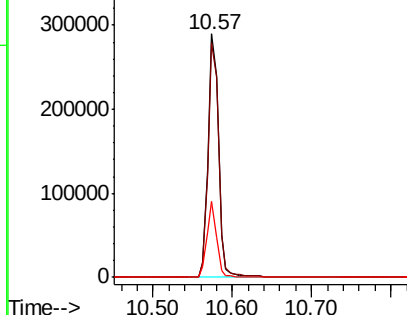
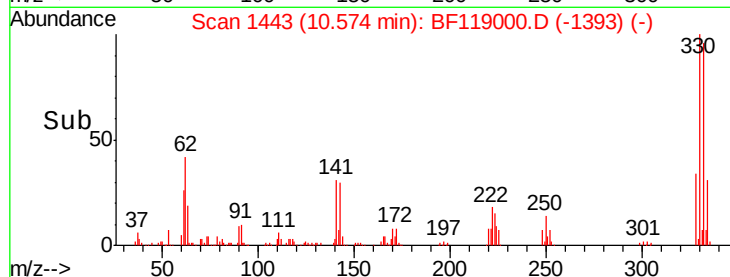


Abundance

Ion 329.80 (329.50 to 330.50): E

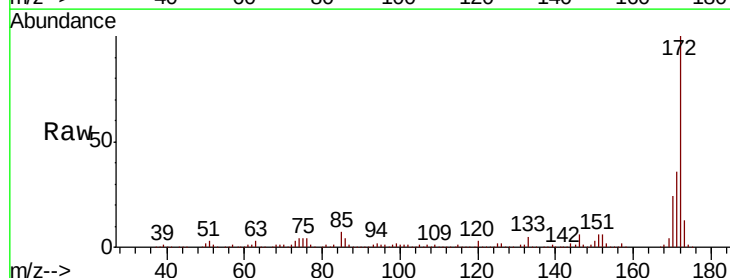
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 72.662 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119000.D
 Acq: 21 Feb 2020 18:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.2
170	24.3	19.6	29.4

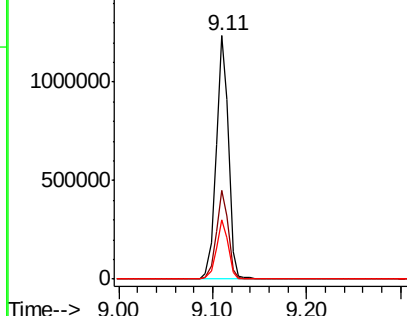
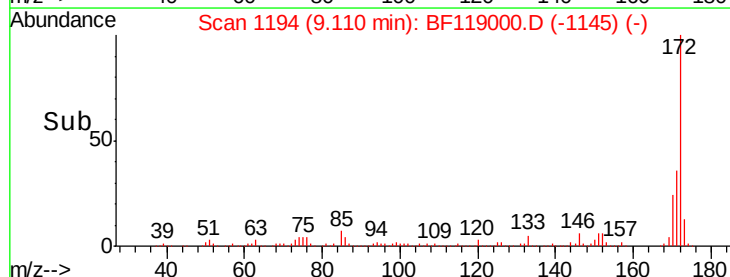


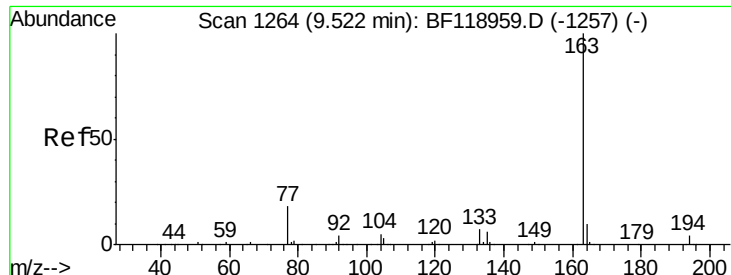
Abundance

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

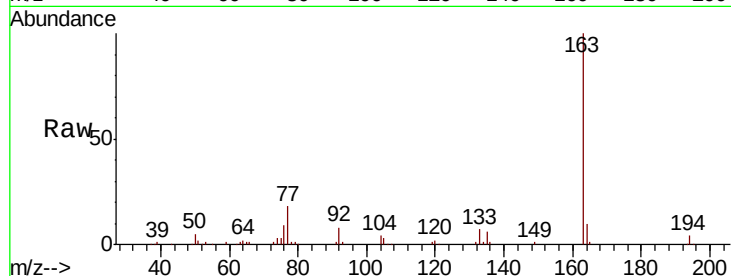




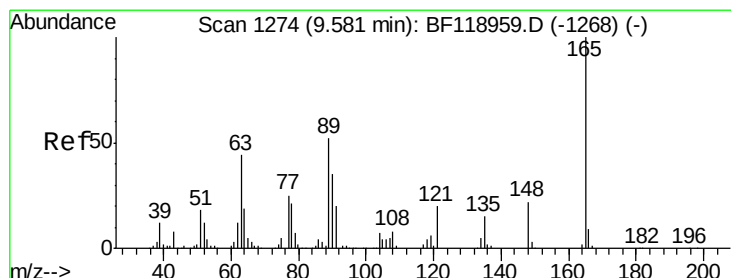
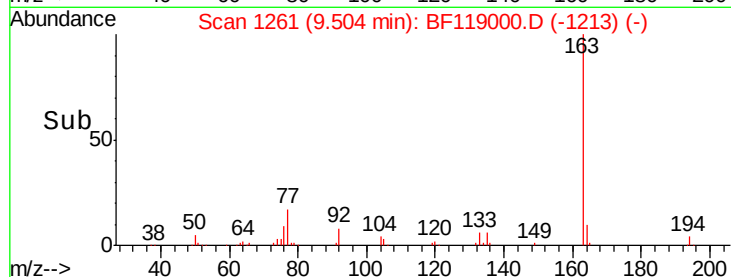
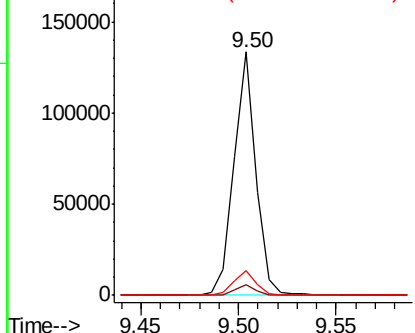
#50
Dimethylphthalate
Concen: 5.876 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119000.D
Acq: 21 Feb 2020 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.0	8.2	12.2

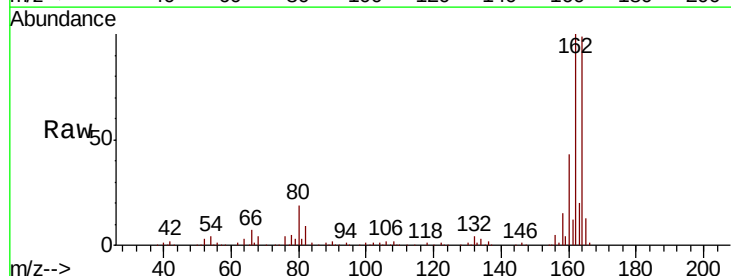


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

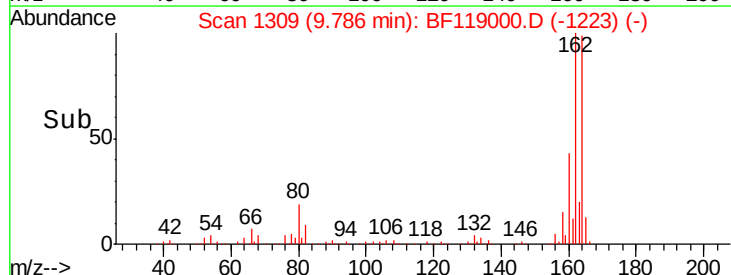
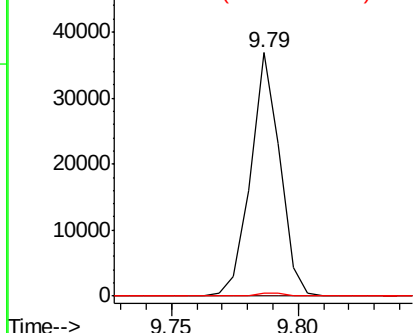


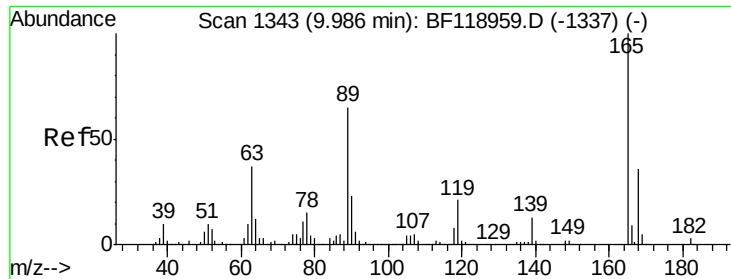
#51
2,6-Dinitrotoluene
Concen: 7.574 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.21 min
Lab File: BF119000.D
Acq: 21 Feb 2020 18:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.9	56.9#
89	1.3	41.4	62.0#



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: 5.843 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.20 min

Lab File: BF119000.D

Acq: 21 Feb 2020 18:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 29720

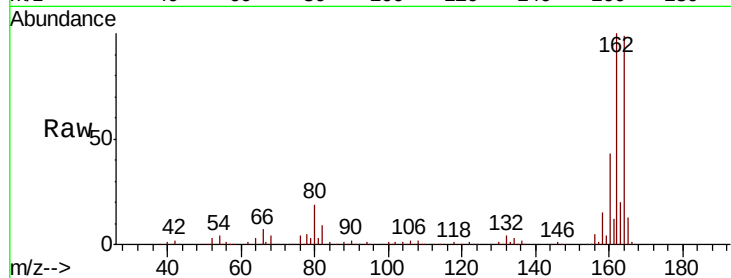
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.8#

89 1.3 51.9 77.9#

182 0.0 2.3 3.5#

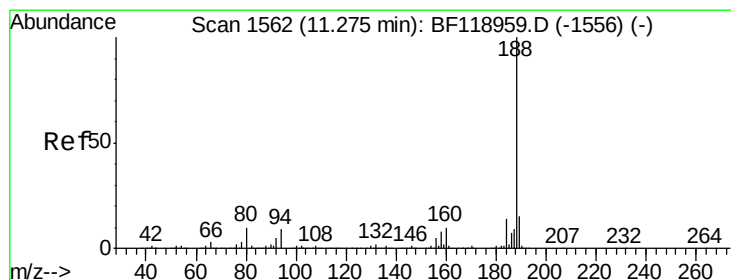
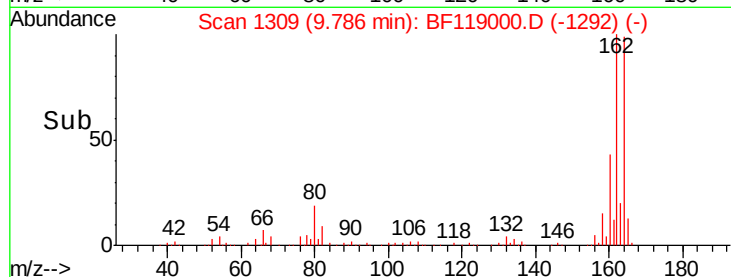
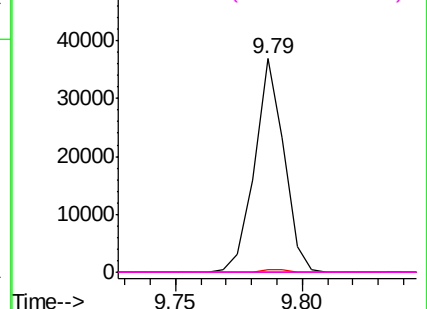


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF119000.D

Acq: 21 Feb 2020 18:51

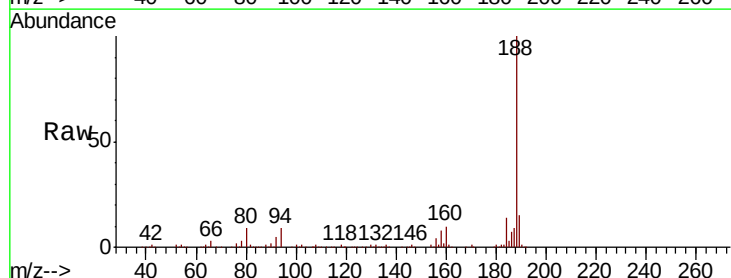
Tgt Ion:188 Resp: 404754

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

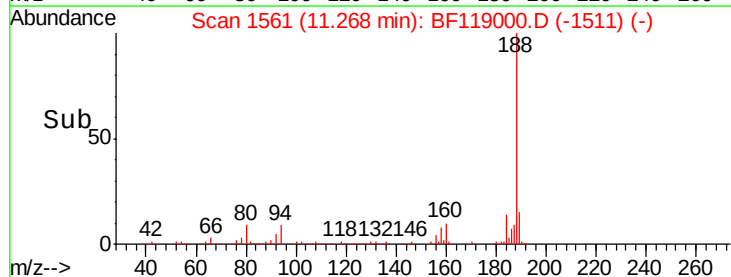
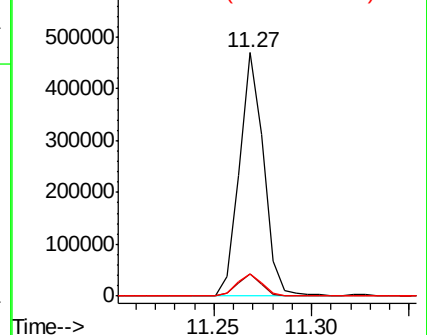
80 9.3 7.9 11.9

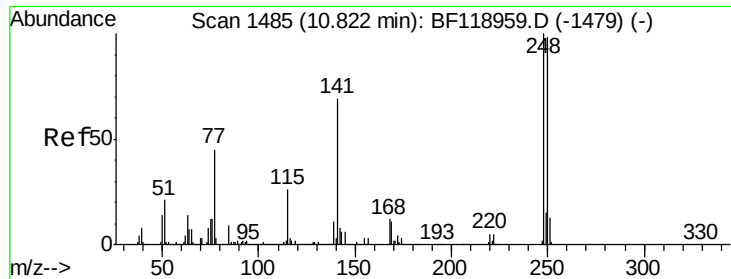


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

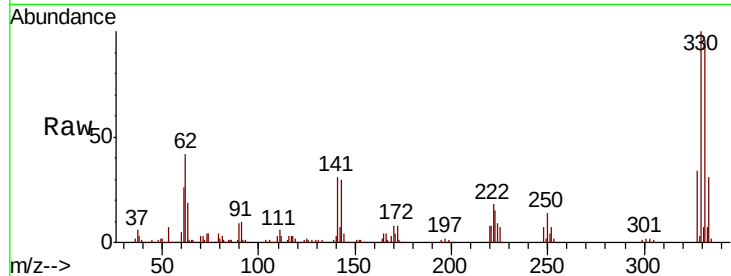




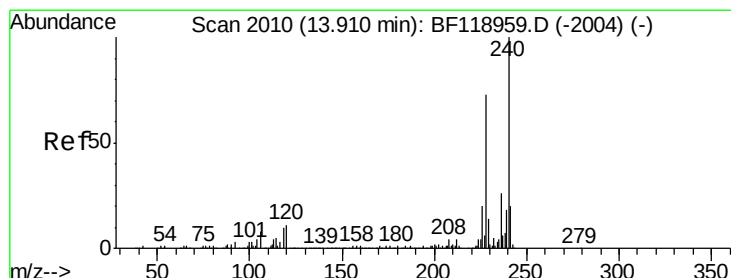
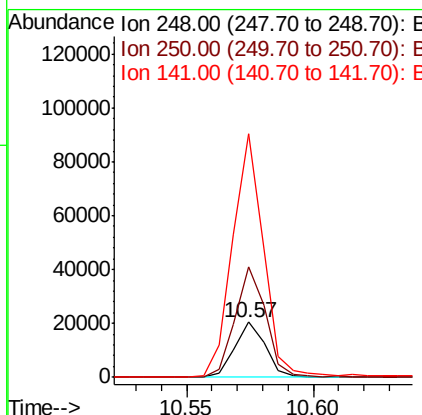
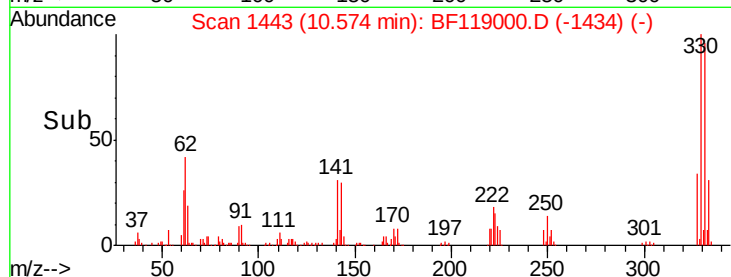
#67
 4-Bromophenyl-phenylether
 Concen: 3.260 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.25 min
 Lab File: BF119000.D
 Acq: 21 Feb 2020 18:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 17246
 Ion Ratio Lower Upper
 248 100
 250 201.2 78.8 118.2#
 141 443.2 55.3 82.9#

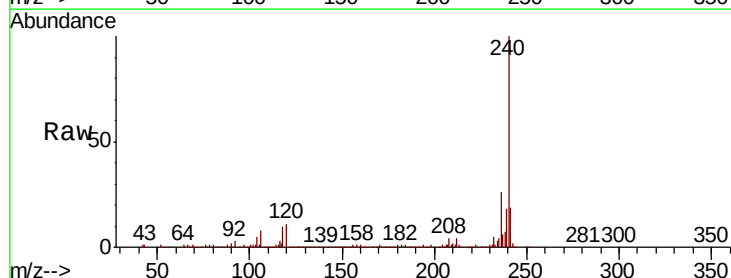


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

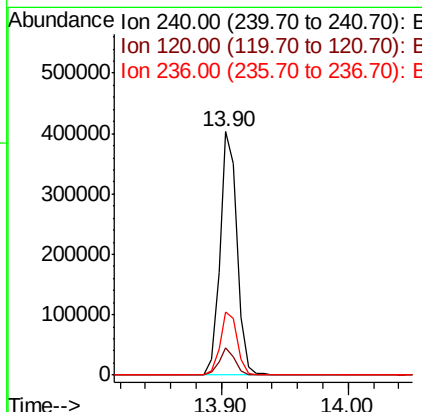
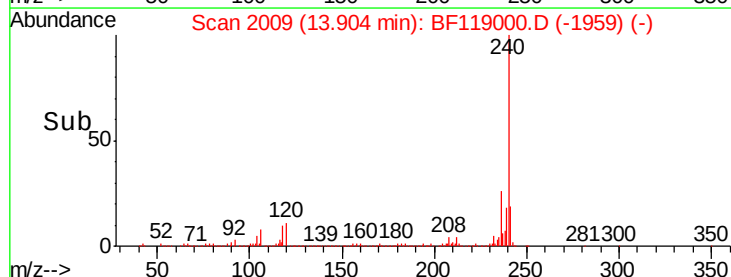


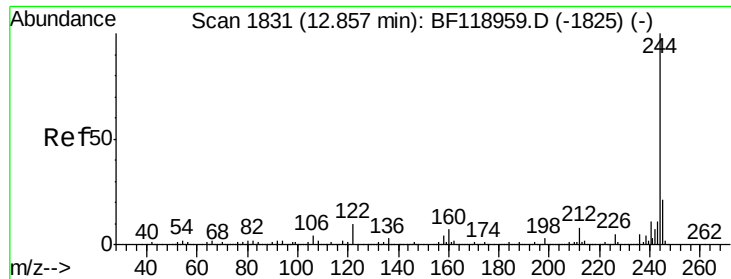
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119000.D
 Acq: 21 Feb 2020 18:51

Tgt Ion:240 Resp: 379424
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.9 13.3
 236 26.2 20.6 30.8



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



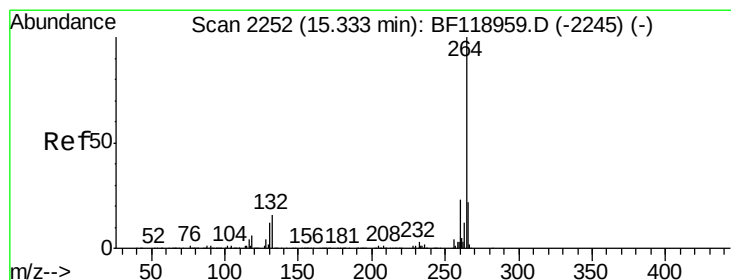
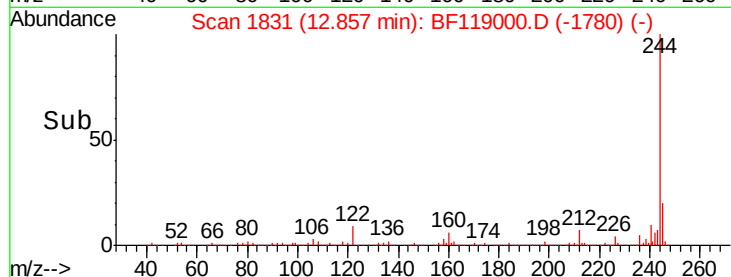
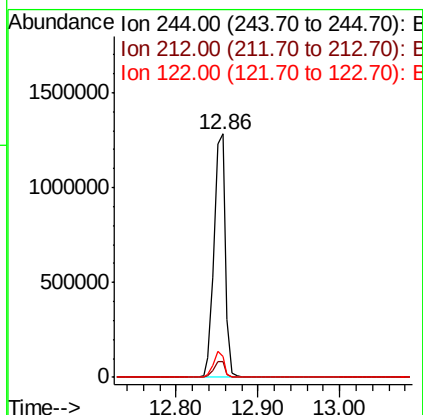
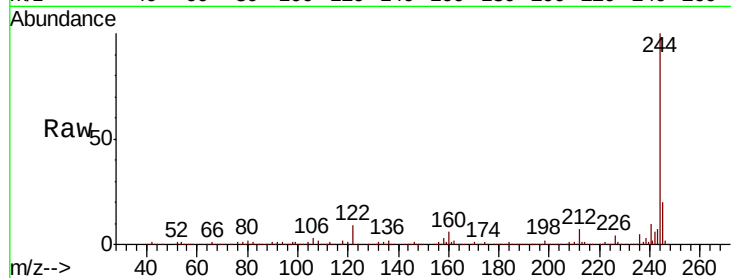


#79
 Terphenyl-d14
 Concen: 56.238 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF119000.D
 Acq: 21 Feb 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1239385

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.3	9.5
122	8.6	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BF119000.D
 Acq: 21 Feb 2020 18:51

Tgt Ion:264 Resp: 348711

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	21.2	17.3	25.9

