

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121213.D
 Acq On : 6 Aug 2020 20:43
 Operator : JU/CG
 Sample : L3568-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8/5-A-E

Quant Time: Aug 07 00:30:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

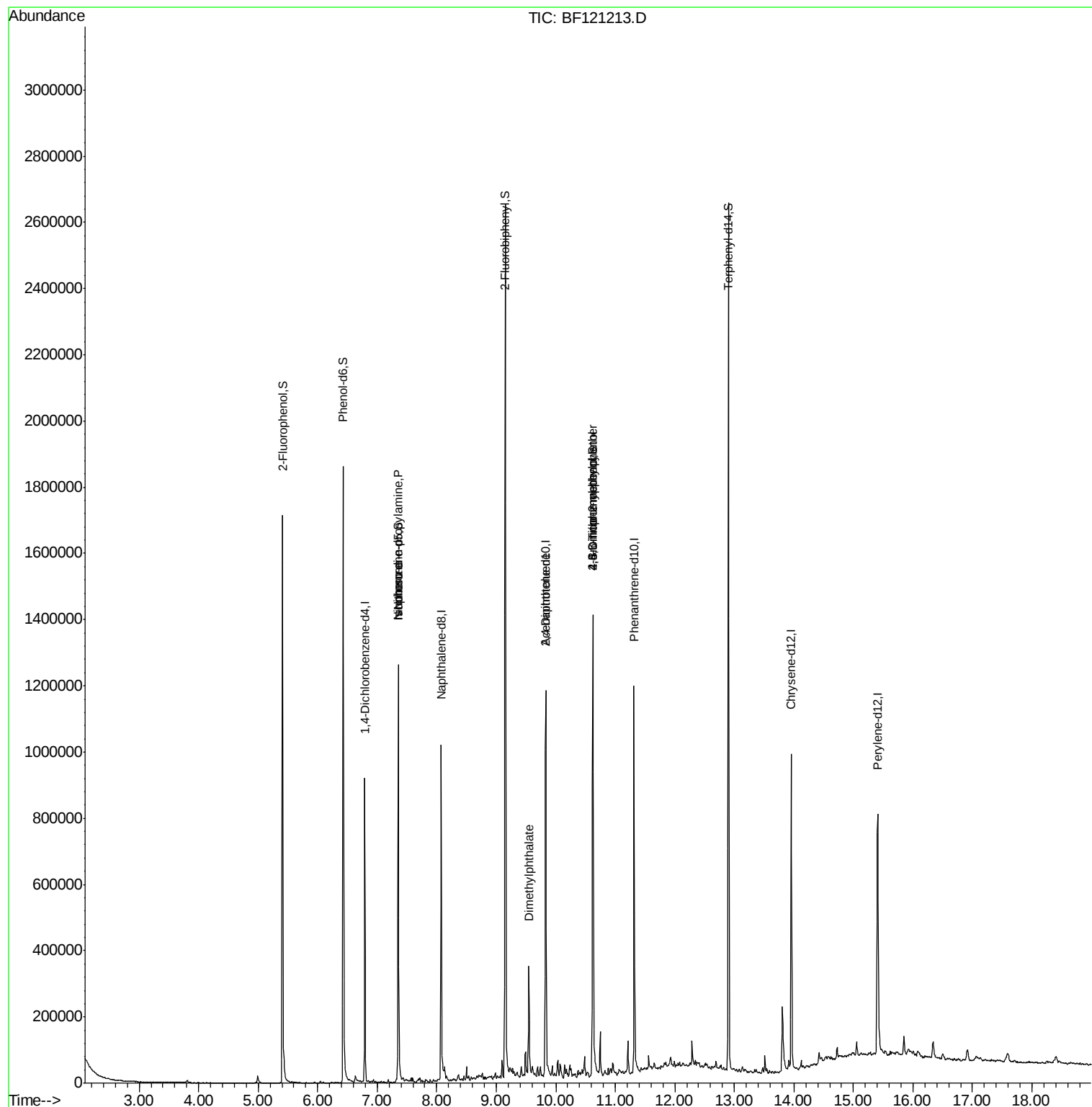
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	127694	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	491515	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	254352	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	485752	20.00	ng	0.00
76) Chrysene-d12	13.96	240	342474	20.00	ng	0.00
86) Perylene-d12	15.41	264	362236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	561986	72.15	ng	0.00
7) Phenol-d6	6.43	99	694031	68.98	ng	-0.02
23) Nitrobenzene-d5	7.36	82	446651	52.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	206960	74.34	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	873500	51.27	ng	-0.01
79) Terphenyl-d14	12.90	244	840829	53.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	789	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	58677	10.256 ng	#	1
25) Isophorone	7.36	82	437821	25.826 ng	#	77
50) Dimethylphthalate	9.55	163	152826	8.328 ng	#	62
57) 2,4-Dinitrotoluene	9.83	165	34228	6.611 ng	#	100
65) 4,6-Dinitro-2-methylphenol	10.62	198	284	3.935 ng	#	29
67) 4-Bromophenyl-phenylether	10.62	248	11795	2.178 ng	#	1

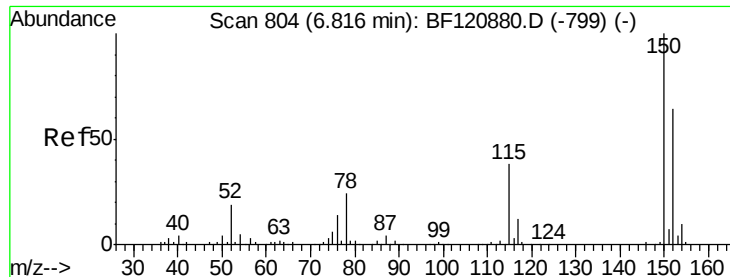
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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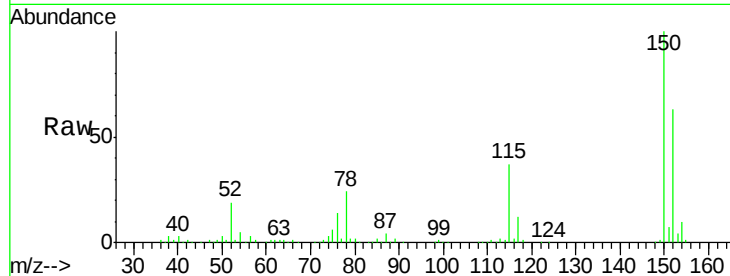


#1

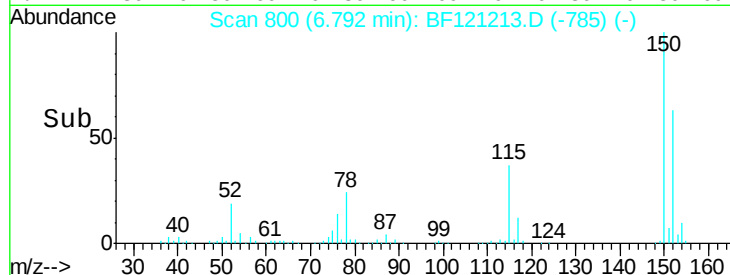
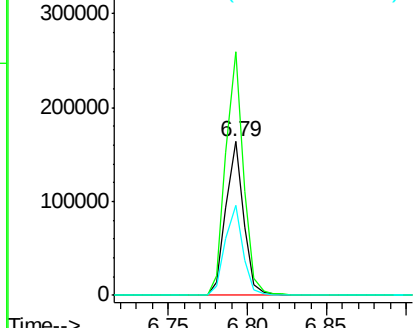
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121213.D
Acq: 6 Aug 2020 20:43

Instrument :
BNA_F
ClientSampleId :
8/5-A-E

Tot Ion:152 Resp: 127694
Ion Ratio Lower Upper
152 100
150 158.5 125.6 188.4
115 58.6 46.2 69.2



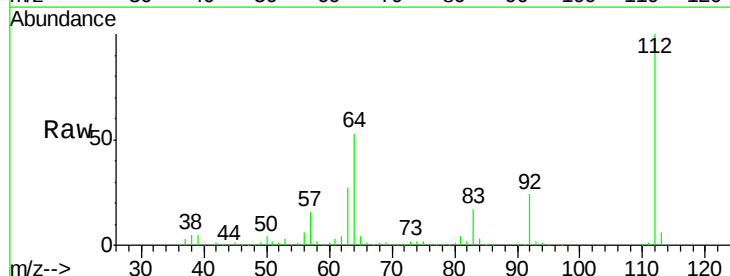
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



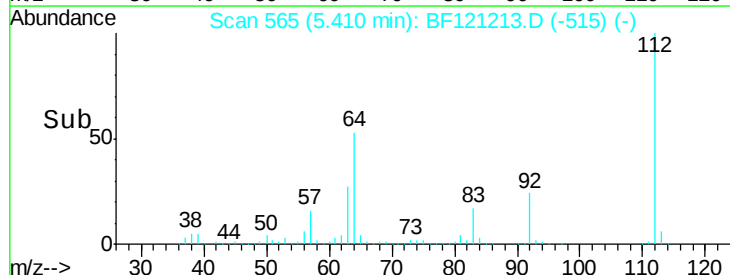
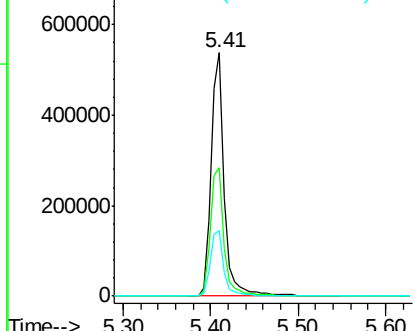
#5

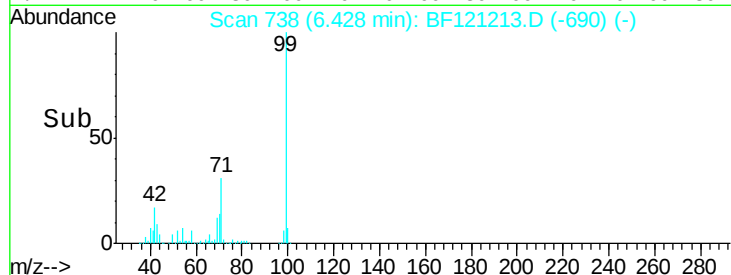
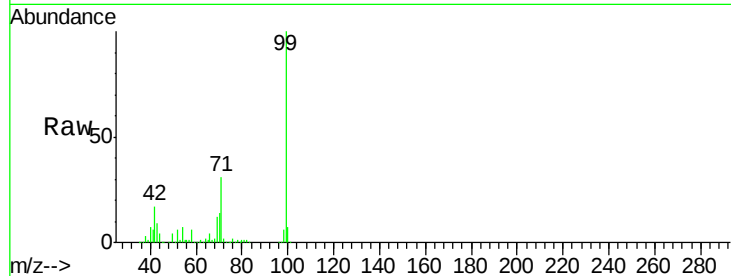
2-Fluorophenol
Concen: 72.149 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF121213.D
Acq: 6 Aug 2020 20:43

Tgt Ion:112 Resp: 561986
Ion Ratio Lower Upper
112 100
64 52.7 43.9 65.9
63 26.8 22.7 34.1



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: 68.977 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF121213.D

Acq: 6 Aug 2020 20:43

Instrument :

BNA_F

ClientSampleId :

8/5-A-E

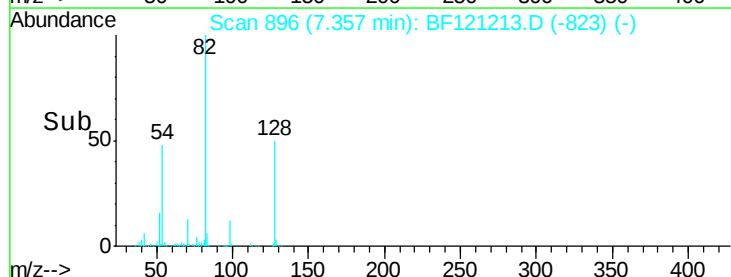
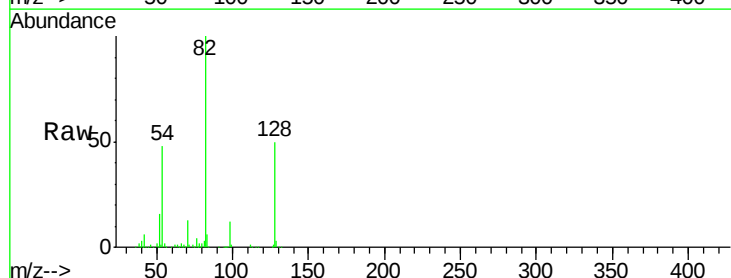
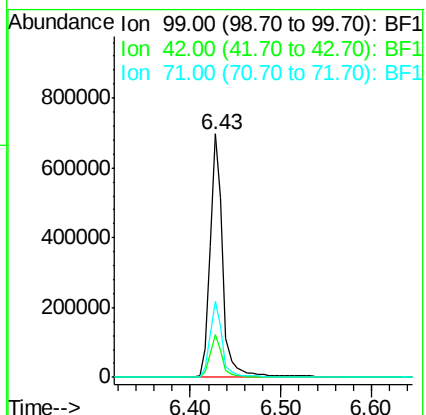
Tot Ion: 99 Resp: 694031

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

71 31.1 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 10.256 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121213.D

Acq: 6 Aug 2020 20:43

Tgt Ion: 70 Resp: 58677

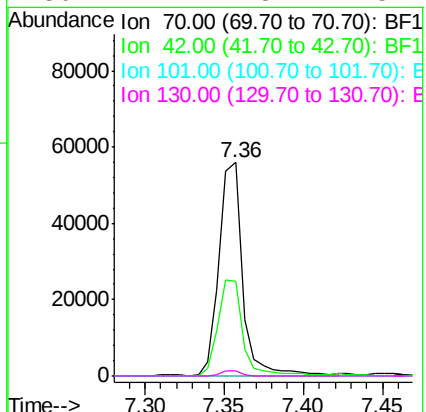
Ion Ratio Lower Upper

70 100

42 44.1 43.3 64.9

101 0.0 8.4 12.6#

130 2.4 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121213.D

Acq: 6 Aug 2020 20:43

Instrument :

BNA_F

ClientSampleId :

8/5-A-E

Tot Ion:136 Resp: 491515

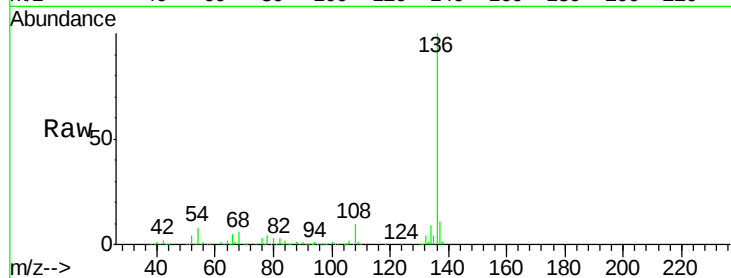
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.7 6.1 9.1

68 6.3 5.0 7.6

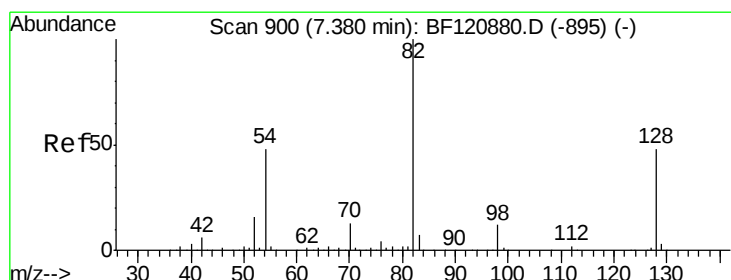
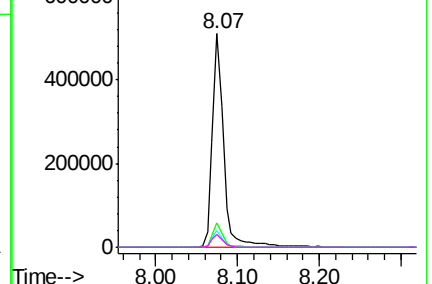
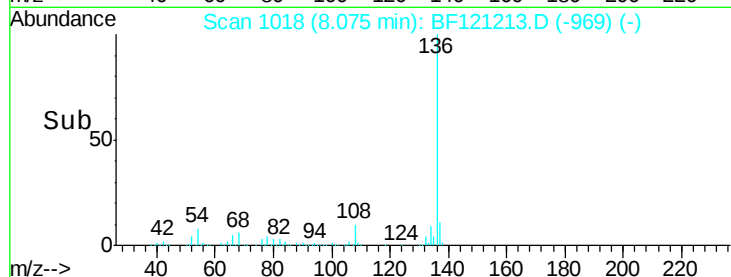


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.581 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121213.D

Acq: 6 Aug 2020 20:43

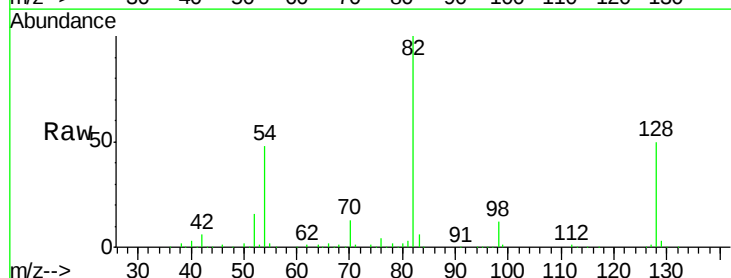
Tgt Ion: 82 Resp: 446651

Ion Ratio Lower Upper

82 100

128 49.7 39.2 58.8

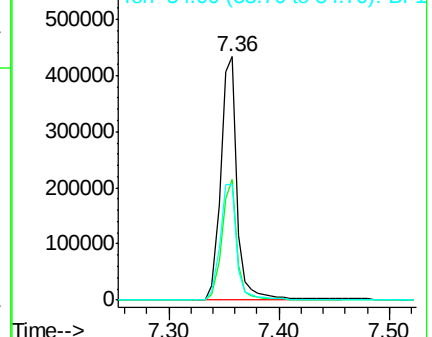
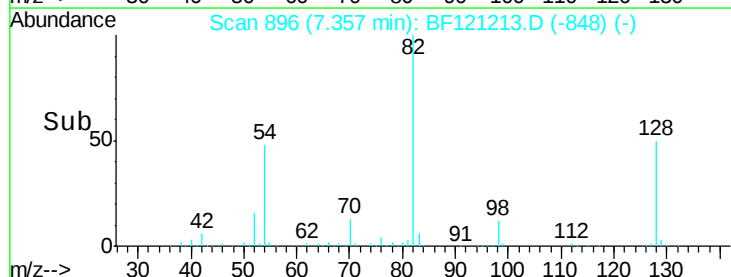
54 47.5 37.8 56.8

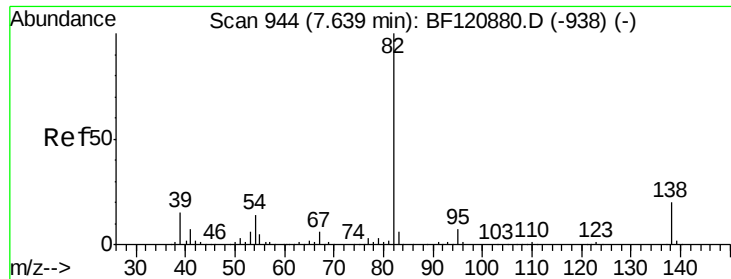


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 25.826 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF121213.D

Acq: 6 Aug 2020 20:43

Instrument :

BNA_F

ClientSampleId :

8/5-A-E

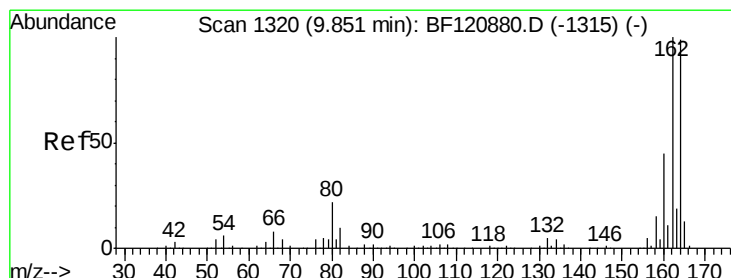
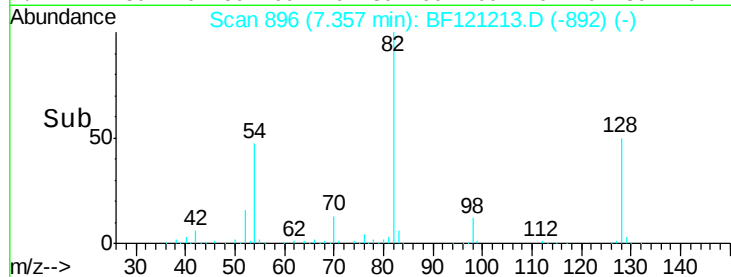
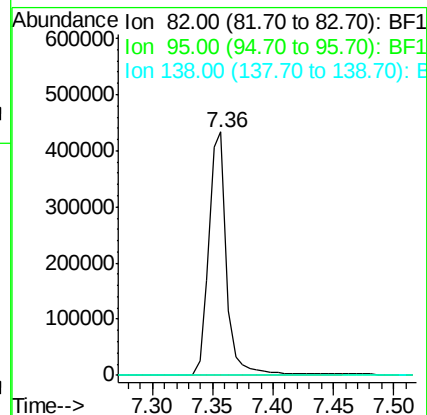
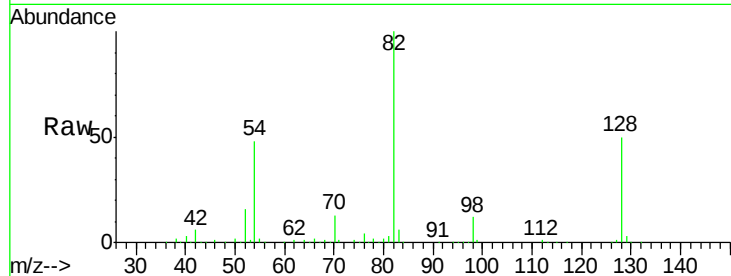
Tot Ion: 82 Resp: 437821

Ion Ratio Lower Upper

82 100

95 0.1 5.5 8.3#

138 0.0 16.2 24.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121213.D

Acq: 6 Aug 2020 20:43

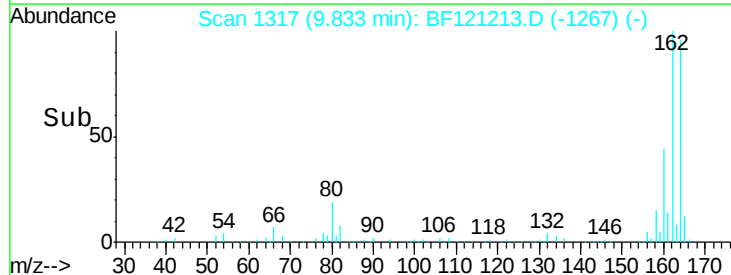
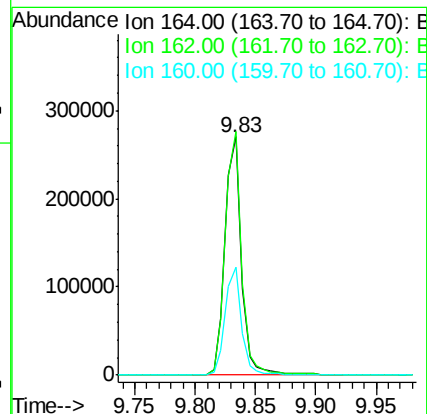
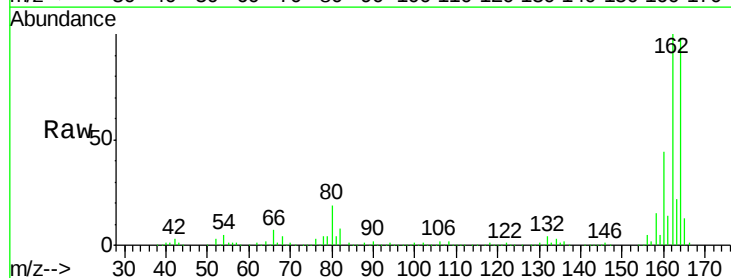
Tgt Ion: 164 Resp: 254352

Ion Ratio Lower Upper

164 100

162 102.3 82.2 123.2

160 45.4 37.2 55.8

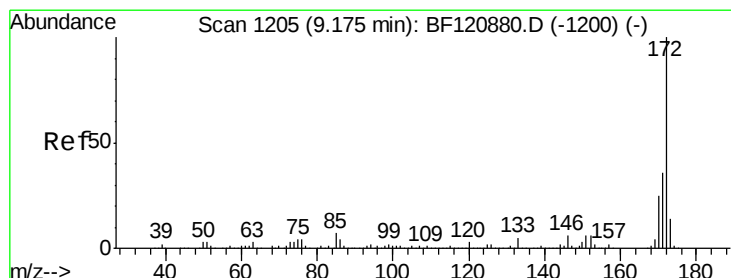
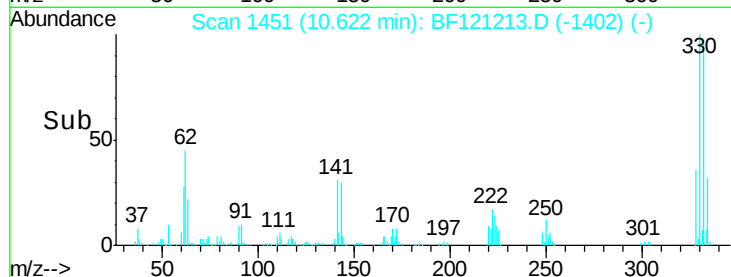
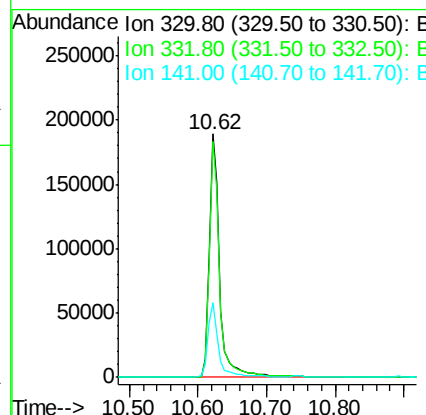
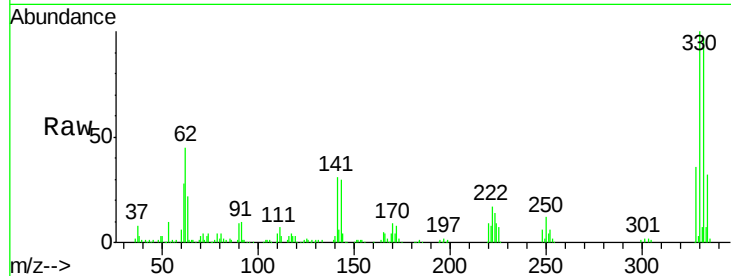




#42
 2,4,6-Tribromophenol
 Concen: 74.335 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF121213.D
 Acq: 6 Aug 2020 20:43

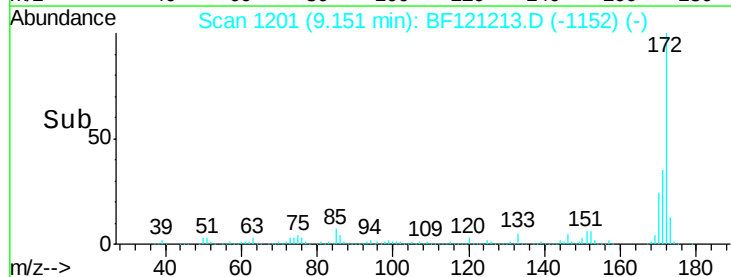
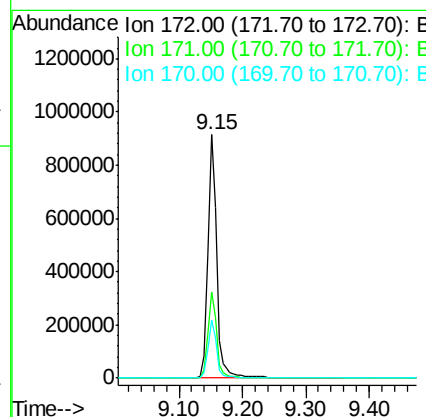
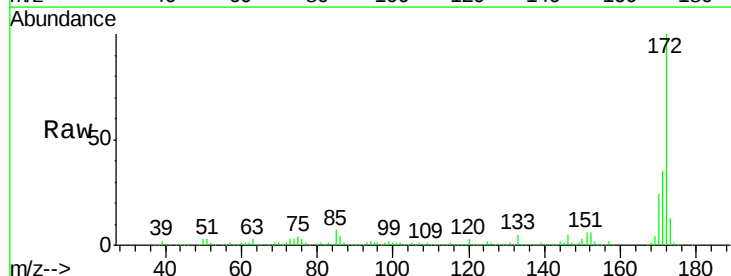
Instrument :
 BNA_F
 ClientSampleId :
 8/5-A-E

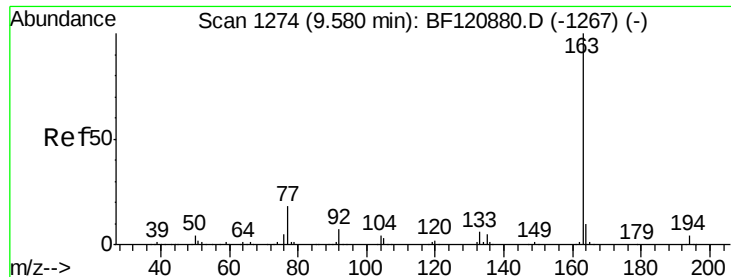
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.1	114.1
141	31.5	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 51.274 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121213.D
 Acq: 6 Aug 2020 20:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	23.9	19.6	29.4





#50

Dimethylphthalate

Concen: 8.328 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF121213.D

Acq: 6 Aug 2020 20:43

Instrument :

BNA_F

ClientSampleId :

8/5-A-E

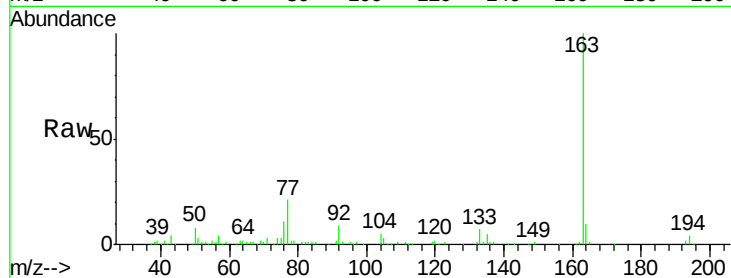
Tot Ion:163 Resp: 152826

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

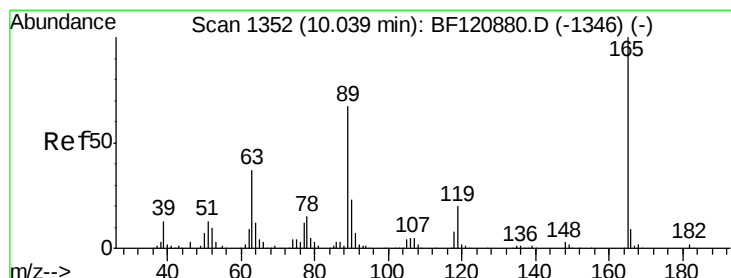
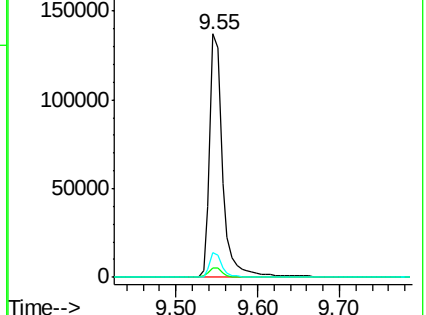
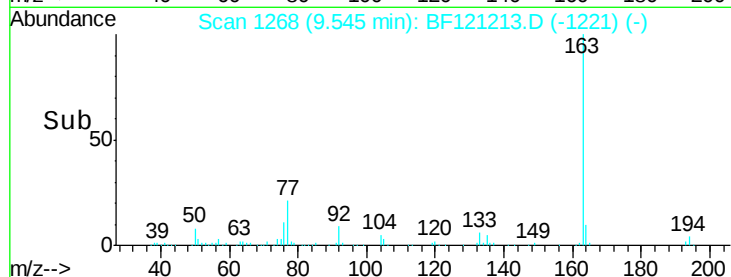
164 10.3 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 6.611 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.20 min

Lab File: BF121213.D

Acq: 6 Aug 2020 20:43

Tgt Ion:165 Resp: 34228

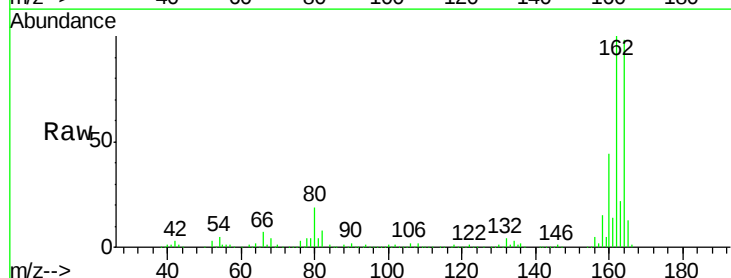
Ion Ratio Lower Upper

165 100

63 1.3 29.8 44.8#

89 1.2 50.3 75.5#

182 0.0 2.1 3.1#

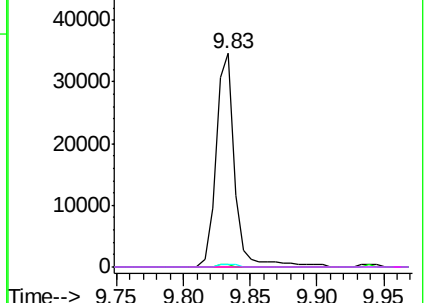
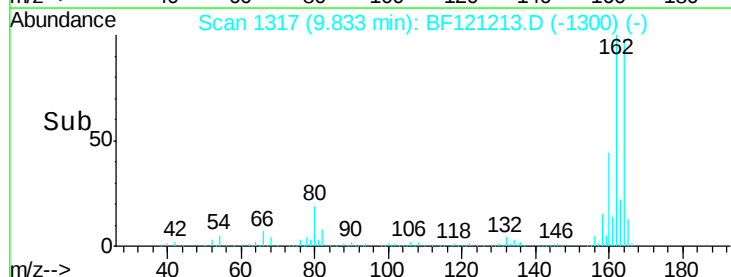


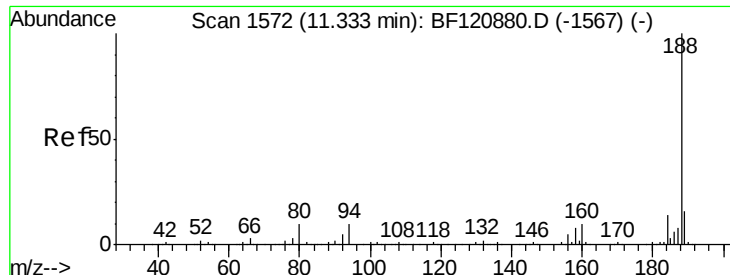
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF121213.D

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8/5-A-E

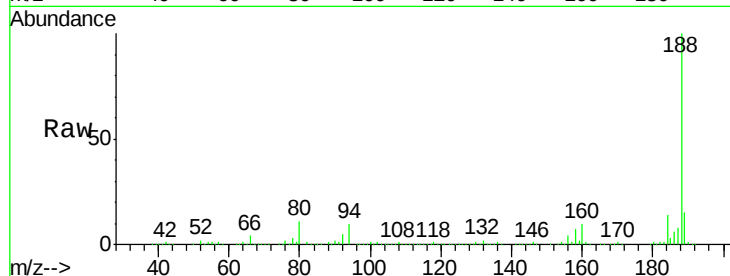
Tot Ion:188 Resp: 485752

Ion Ratio Lower Upper

188 100

94 10.3 8.0 12.0

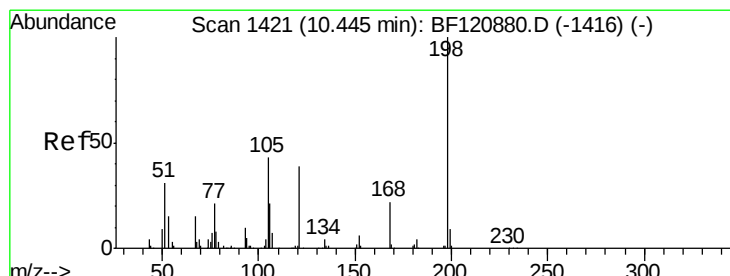
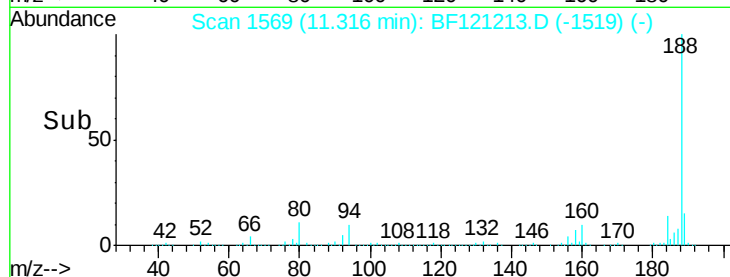
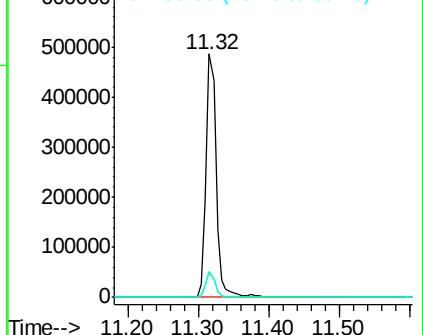
80 10.7 8.3 12.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 3.935 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.18 min

Lab File: BF121213.D

Acq: 6 Aug 2020 20:43

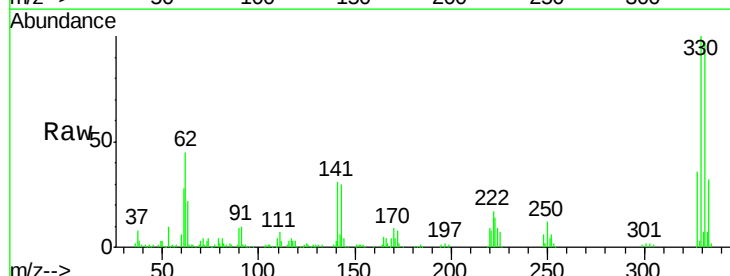
Tgt Ion:198 Resp: 284

Ion Ratio Lower Upper

198 100

51 163.4 23.4 63.4#

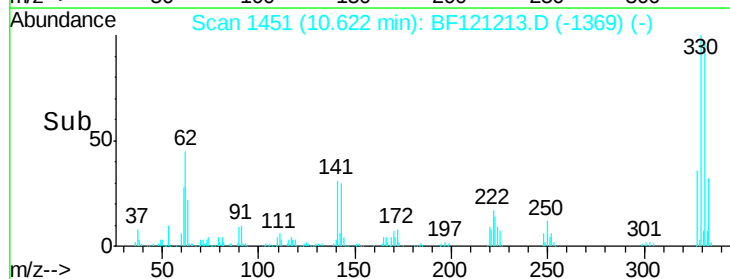
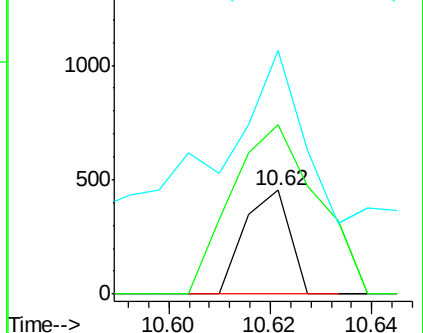
105 234.4 23.7 63.7#

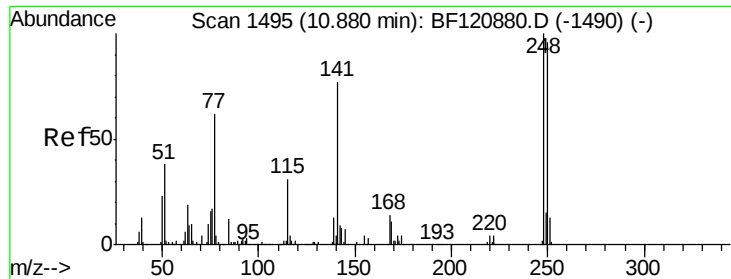


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

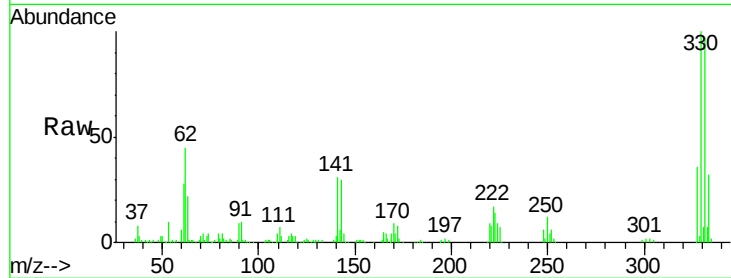




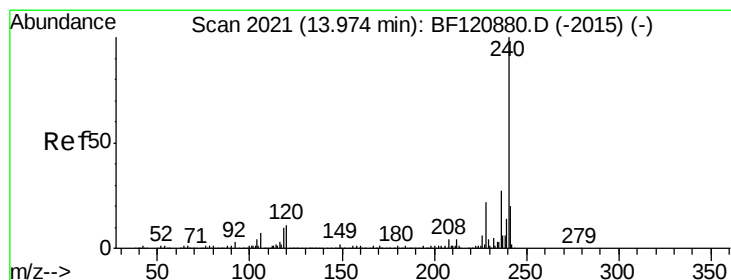
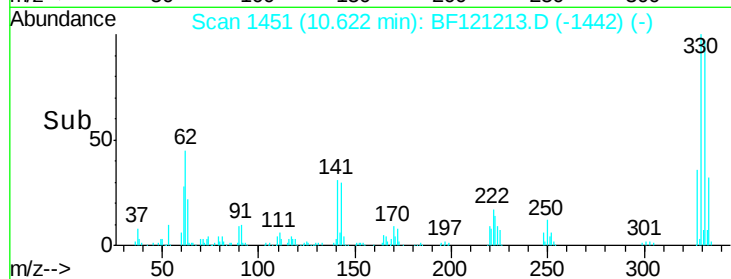
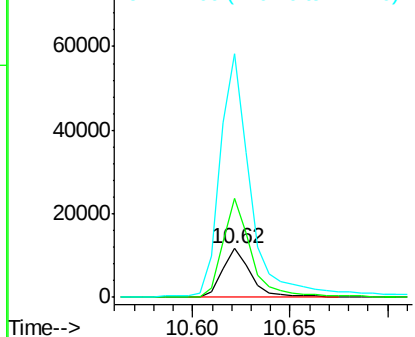
#67
 4-Bromophenyl-phenylether
 Concen: 2.178 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF121213.D
 Acq: 6 Aug 2020 20:43

Instrument :
 BNA_F
 ClientSampleId :
 8/5-A-E

Tot Ion	Ratio	Lower	Upper
248	100		
250	201.6	77.0	115.6#
141	497.6	56.6	85.0#

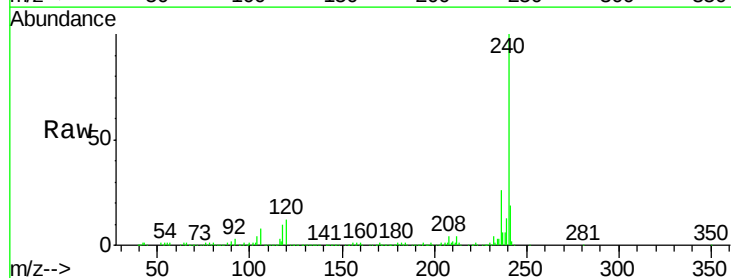


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

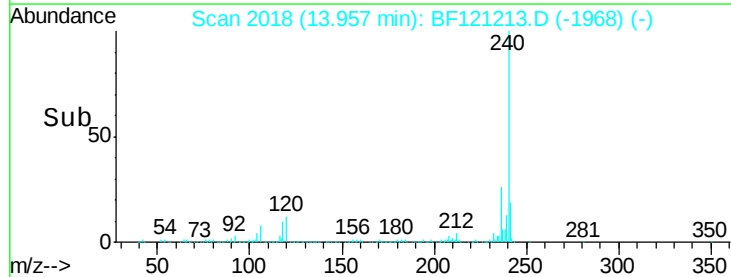
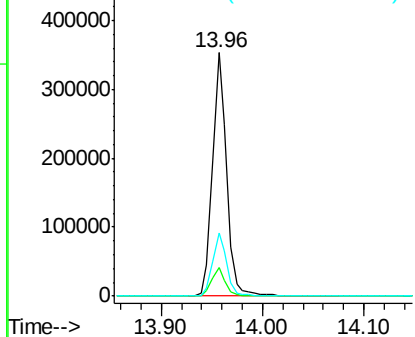


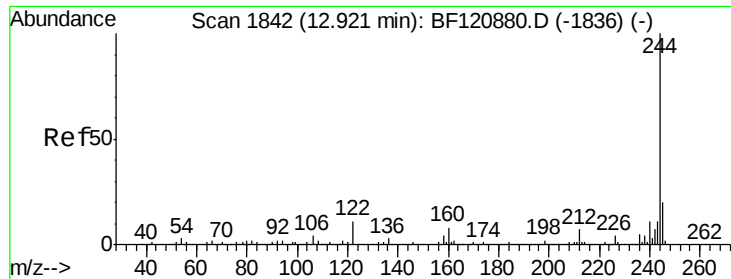
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF121213.D
 Acq: 6 Aug 2020 20:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.3	13.9
236	26.2	21.1	31.7



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

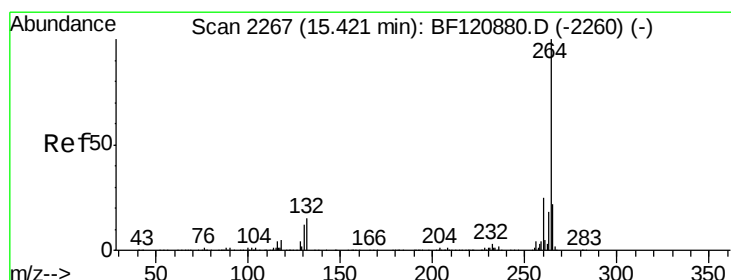
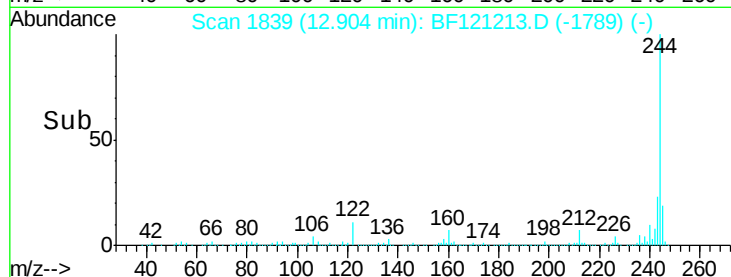
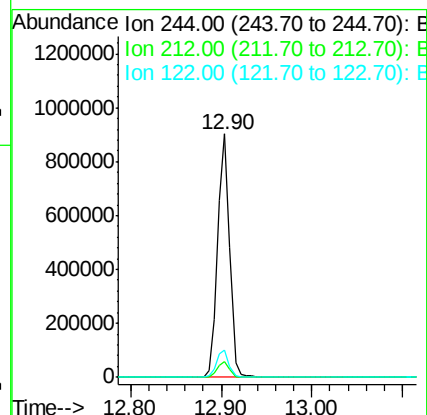
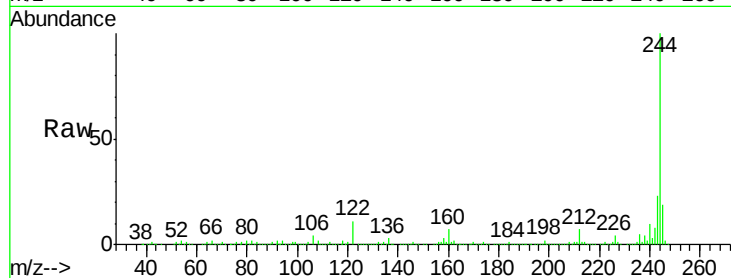




#79
 Terphenyl-d14
 Concen: 53.370 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF121213.D
 Acq: 6 Aug 2020 20:43

Instrument :
 BNA_F
 ClientSampleId :
 8/5-A-E

Tot Ion:244 Resp: 840829
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 11.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: BF121213.D
 Acq: 6 Aug 2020 20:43

Tgt Ion:264 Resp: 362236
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.9 29.9
 265 20.8 17.8 26.8

