

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040422\
 Data File : BF127632.D
 Acq On : 04 Apr 2022 15:15
 Operator : CG\JU
 Sample : N2249-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7D

Quant Time: Apr 04 16:26:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

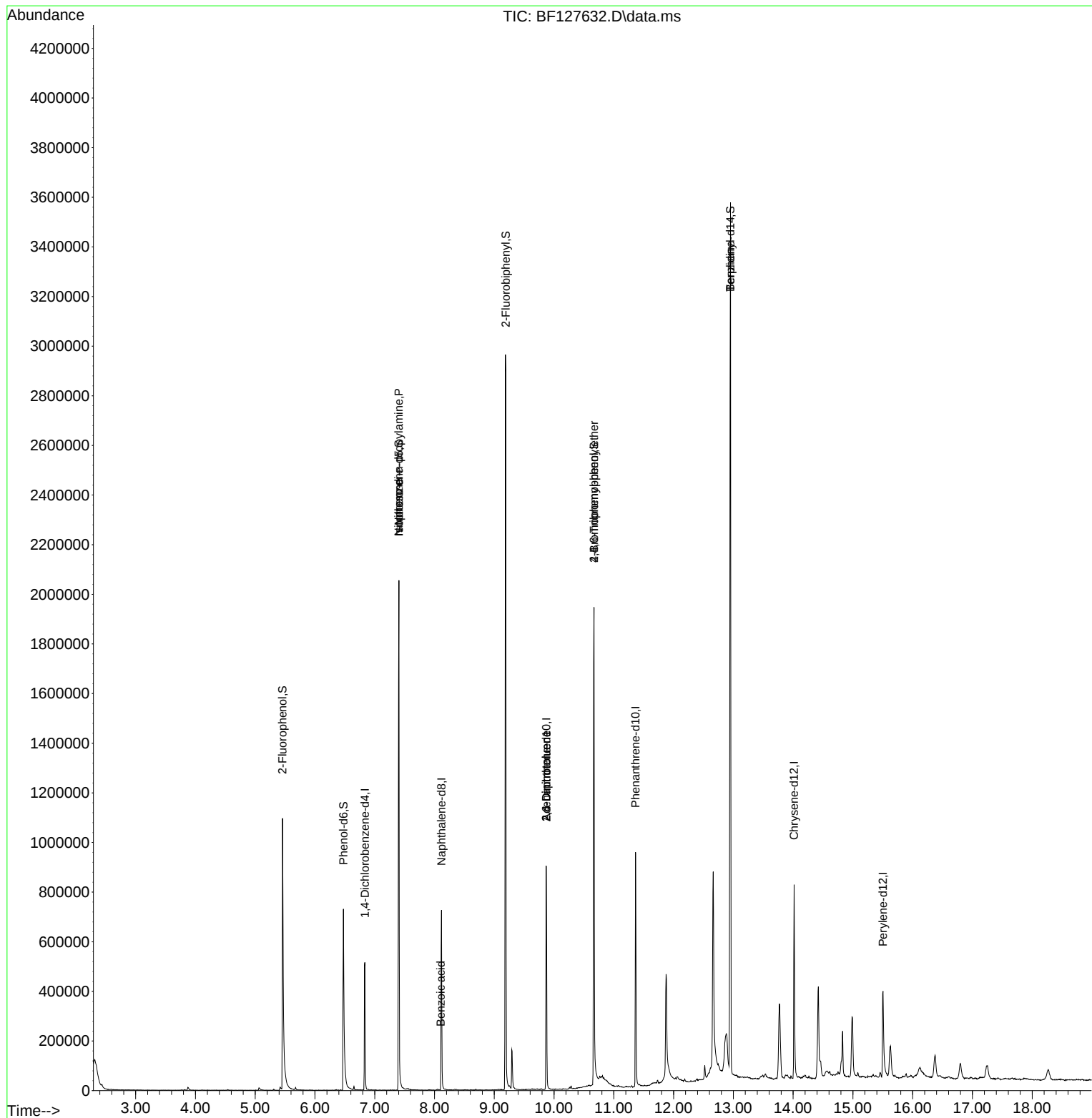
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	77419	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	298450	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	173623	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	327765	20.000	ng	# 0.00
76) Chrysene-d12	14.016	240	289123	20.000	ng	0.00
86) Perylene-d12	15.504	264	208255	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	354680	73.128	ng	0.00
7) Phenol-d6	6.475	99	307681	46.409	ng	0.00
23) Nitrobenzene-d5	7.404	82	633655	90.756	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	233926	126.479	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	989097	83.187	ng	0.00
79) Terphenyl-d14	12.951	244	1259688	71.324	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.387	77	86	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	84124	21.169	ng	# 79
25) Isophorone	7.404	82	633648	56.981	ng	# 70
32) Benzoic acid	8.104	122	61	6.064	ng	# 77
51) 2,6-Dinitrotoluene	9.869	165	21764	8.584	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	21764	6.669	ng	# 14
58) Fluorene	10.669	166	9451	Below Cal	#	77
67) 4-Bromophenyl-phenylether	10.669	248	15199	3.972	ng	# 1
77) Benzidine	12.951	184	16020	2.324	ng	# 93

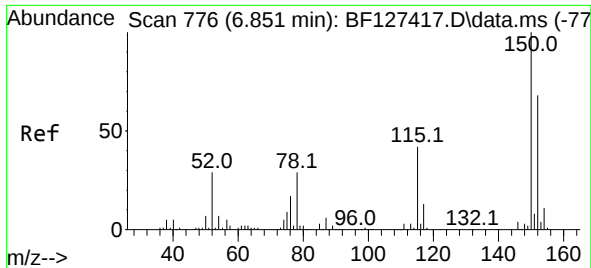
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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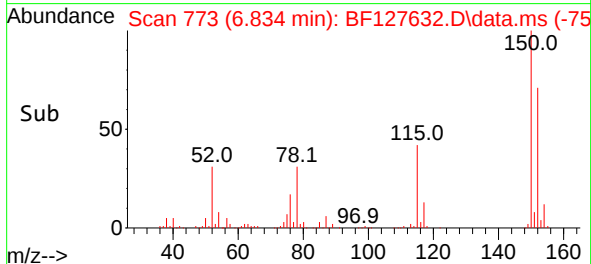
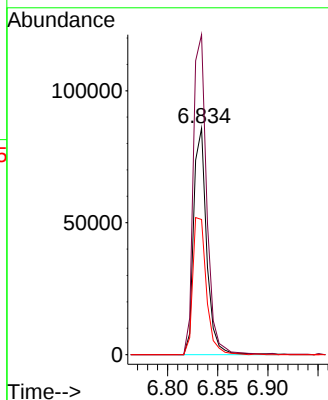
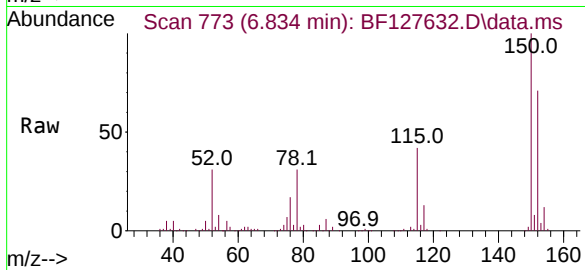




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF127632.D
 Acq: 04 Apr 2022 15:15

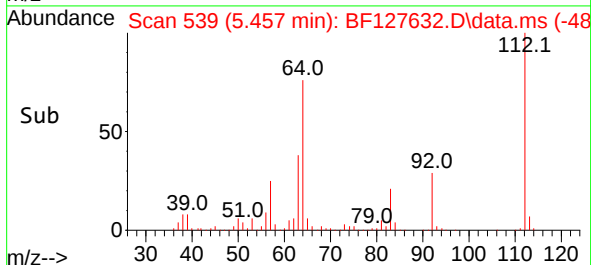
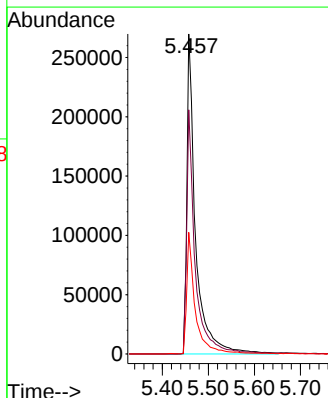
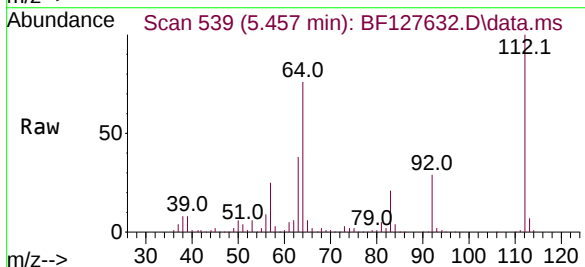
Instrument :
 BNA_F
 ClientSampleId :
 MW-7D

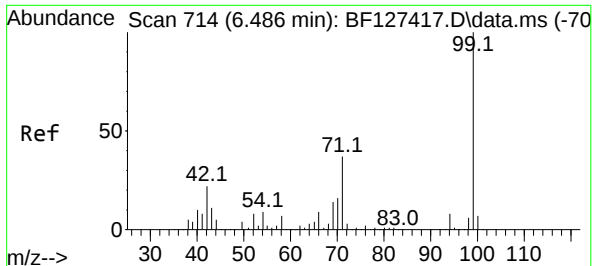
Tgt Ion:152 Resp: 77419
 Ion Ratio Lower Upper
 152 100
 150 141.3 117.2 175.8
 115 59.7 49.8 74.6



#5
 2-Fluorophenol
 Concen: 73.128 ng
 RT: 5.457 min Scan# 539
 Delta R.T. 0.000 min
 Lab File: BF127632.D
 Acq: 04 Apr 2022 15:15

Tgt Ion:112 Resp: 354680
 Ion Ratio Lower Upper
 112 100
 64 76.3 58.4 87.6
 63 38.0 30.1 45.1

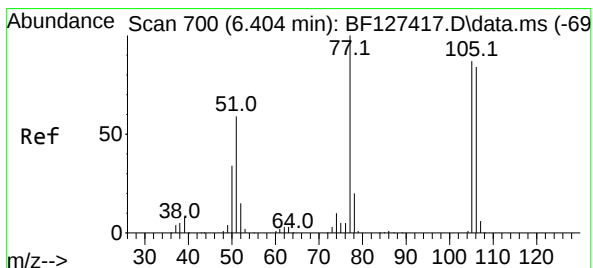
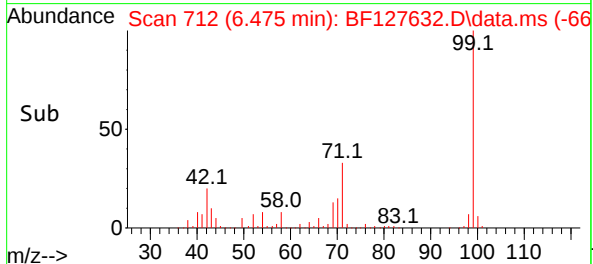
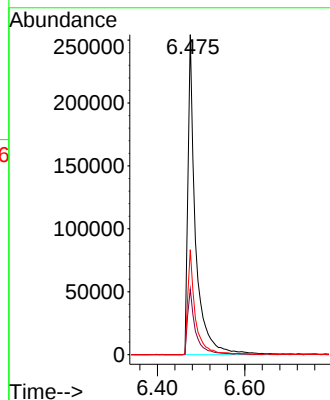
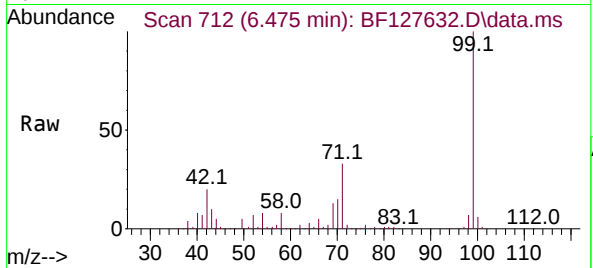




#7
Phenol-d6
Concen: 46.409 ng
RT: 6.475 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127632.D
Acq: 04 Apr 2022 15:15

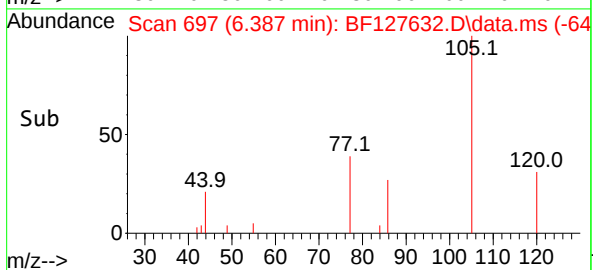
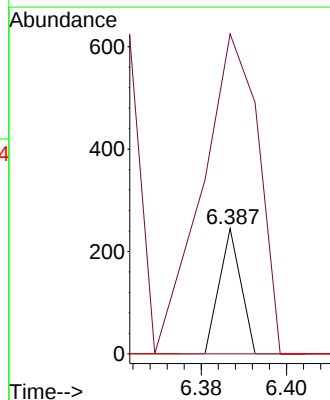
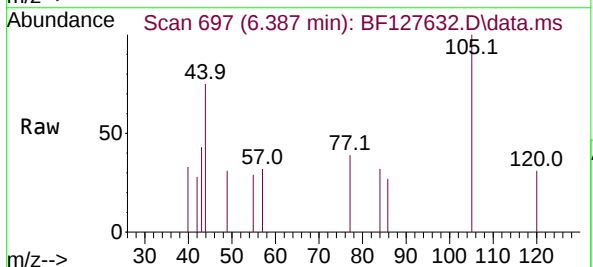
Instrument :
BNA_F
ClientSampleId :
MW-7D

Tgt Ion: 99 Resp: 307681
Ion Ratio Lower Upper
99 100
42 20.5 17.8 26.6
71 32.8 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.387 min Scan# 697
Delta R.T. -0.006 min
Lab File: BF127632.D
Acq: 04 Apr 2022 15:15

Tgt Ion: 77 Resp: 86
Ion Ratio Lower Upper
77 100
105 255.1 66.8 106.8#
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 21.169 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127632.D

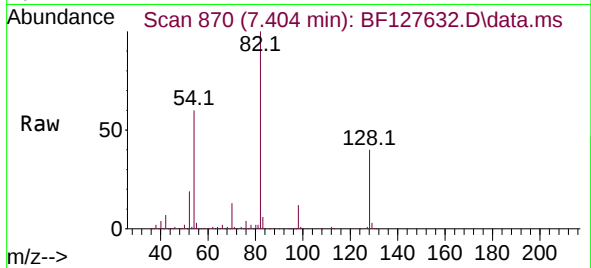
Acq: 04 Apr 2022 15:15

Instrument :

BNA_F

ClientSampleId :

MW-7D



Tgt Ion: 70 Resp: 84124

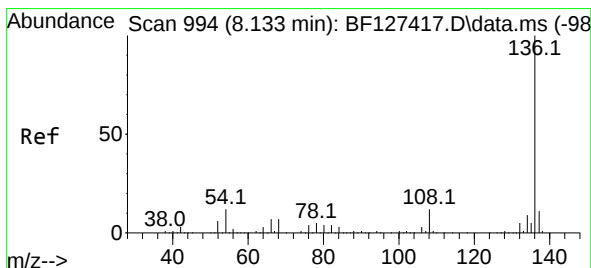
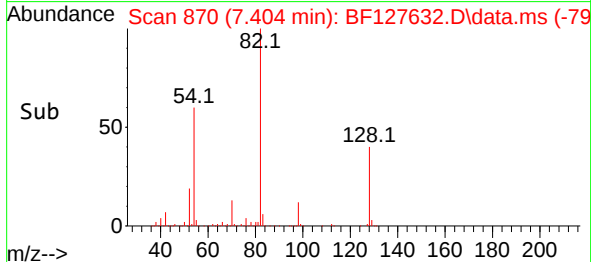
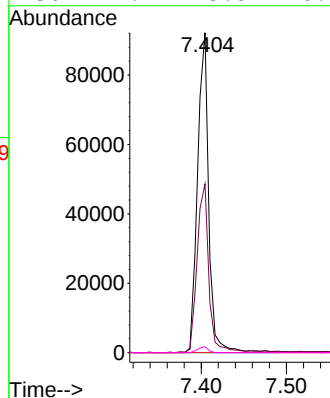
Ion Ratio Lower Upper

70 100

42 52.7 53.0 79.6#

101 0.0 6.8 10.2#

130 1.9 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF127632.D

Acq: 04 Apr 2022 15:15

Tgt Ion: 136 Resp: 298450

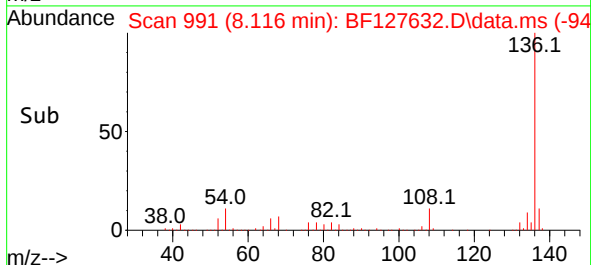
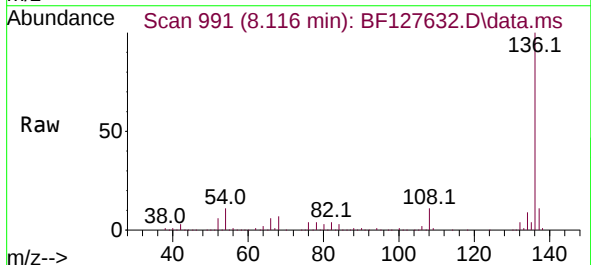
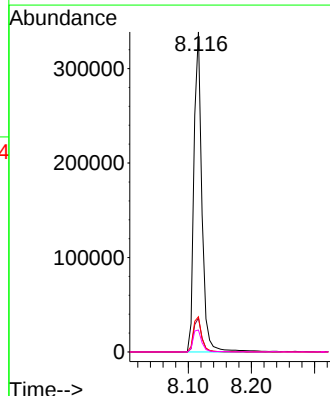
Ion Ratio Lower Upper

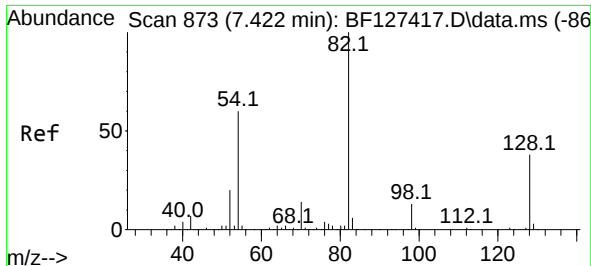
136 100

137 10.6 8.6 13.0

54 11.0 9.2 13.8

68 6.9 5.4 8.0





#23

Nitrobenzene-d5

Concen: 90.756 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127632.D

Acq: 04 Apr 2022 15:15

Instrument :

BNA_F

ClientSampleId :

MW-7D

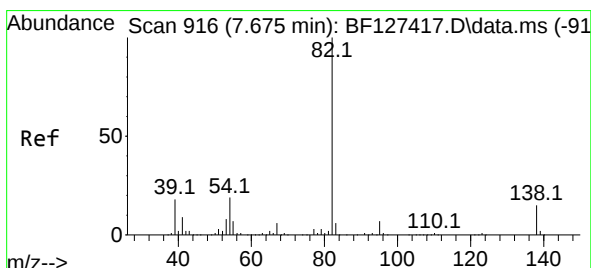
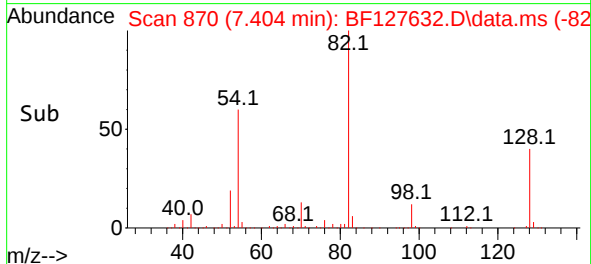
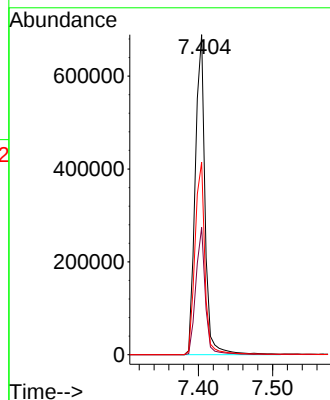
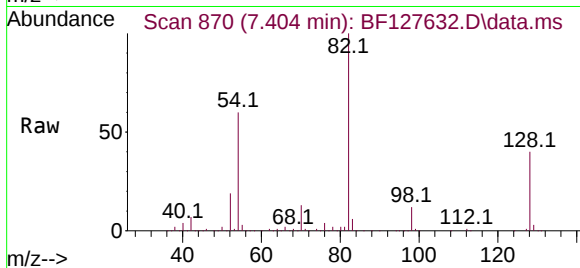
Tgt Ion: 82 Resp: 633655

Ion Ratio Lower Upper

82 100

128 39.8 30.6 45.8

54 60.1 48.2 72.2



#25

Isophorone

Concen: 56.981 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.259 min

Lab File: BF127632.D

Acq: 04 Apr 2022 15:15

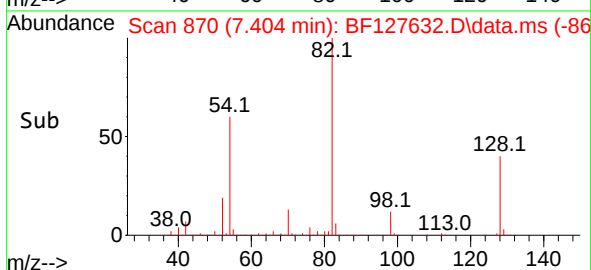
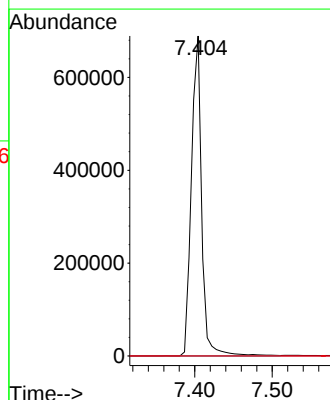
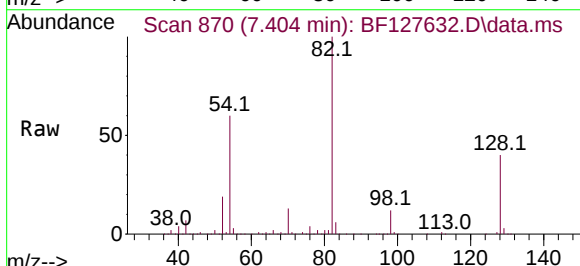
Tgt Ion: 82 Resp: 633648

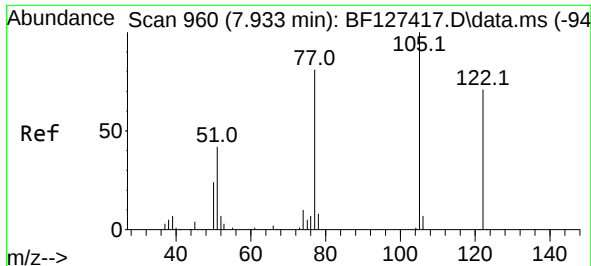
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#





#32

Benzoic acid

Concen: 6.064 ng

RT: 8.104 min Scan# 91

Delta R.T. 0.177 min

Lab File: BF127632.D

Acq: 04 Apr 2022 15:15

Instrument :

BNA_F

ClientSampleId :

MW-7D

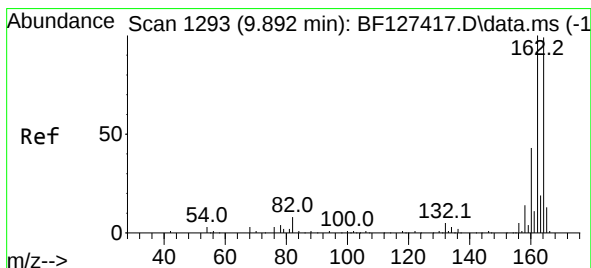
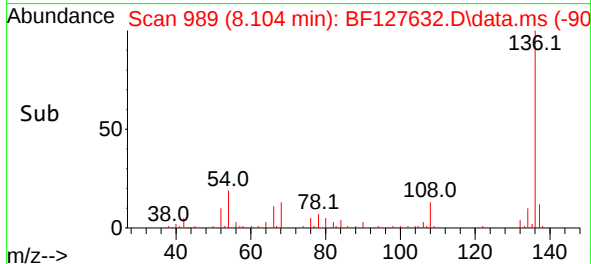
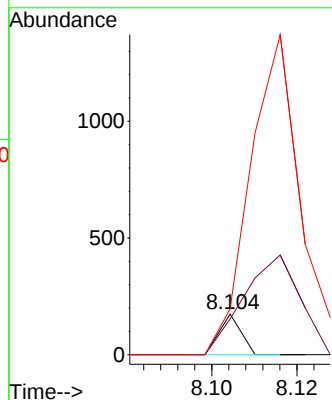
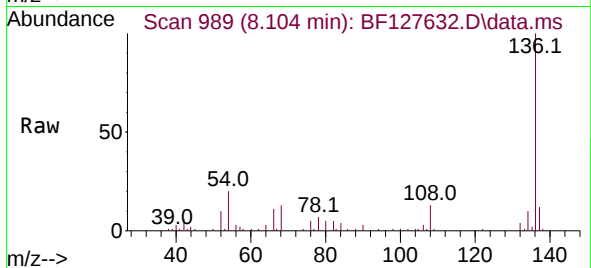
Tgt Ion:122 Resp: 61

Ion Ratio Lower Upper

122 100

105 87.9 117.1 157.1#

77 113.2 93.0 133.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF127632.D

Acq: 04 Apr 2022 15:15

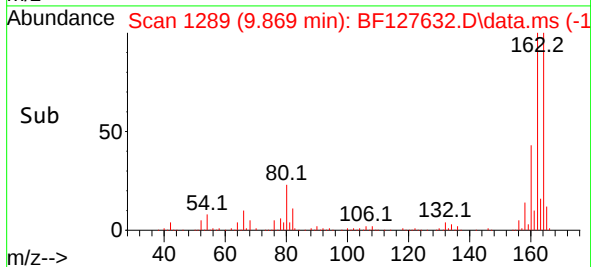
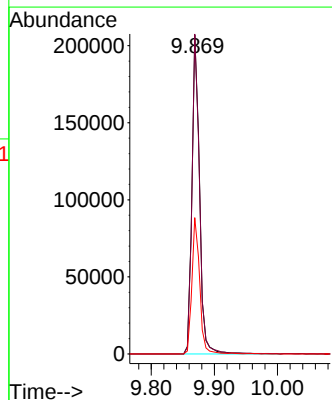
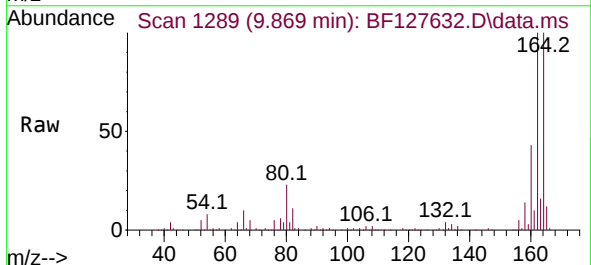
Tgt Ion:164 Resp: 173623

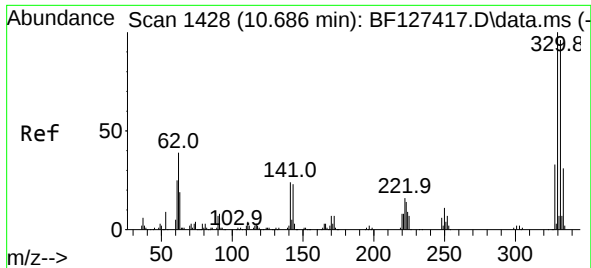
Ion Ratio Lower Upper

164 100

162 100.4 81.2 121.8

160 42.7 34.6 52.0

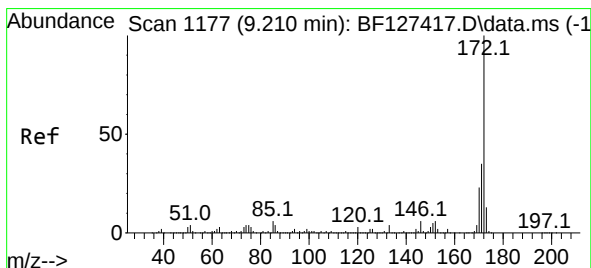
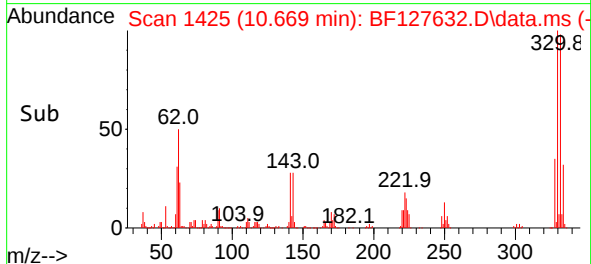
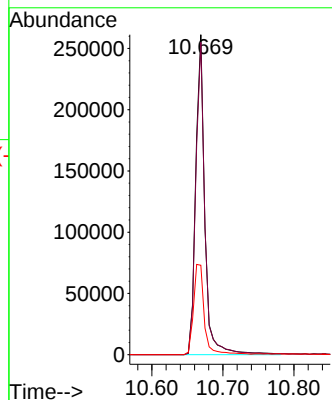
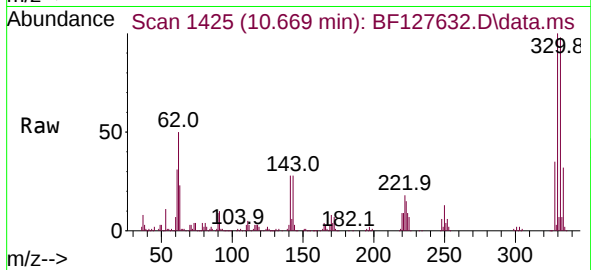




#42
2,4,6-Tribromophenol
Concen: 126.479 ng
RT: 10.669 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF127632.D
Acq: 04 Apr 2022 15:15

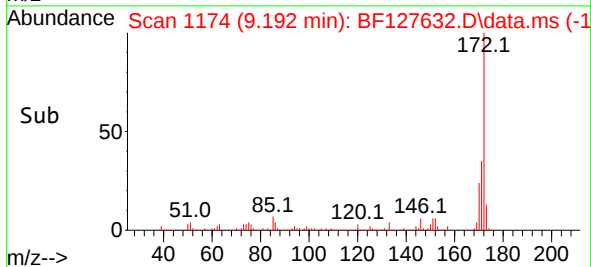
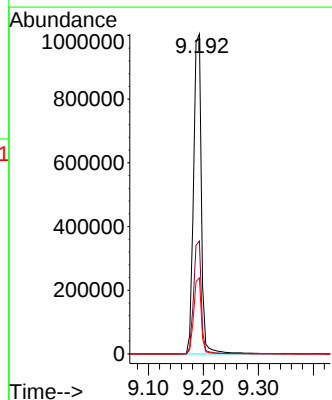
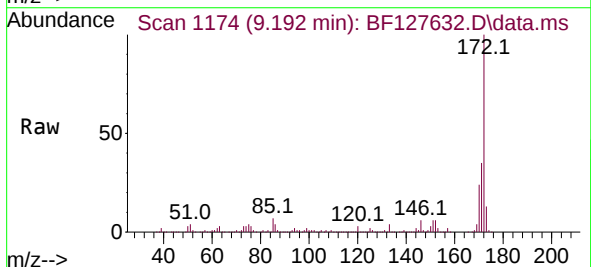
Instrument :
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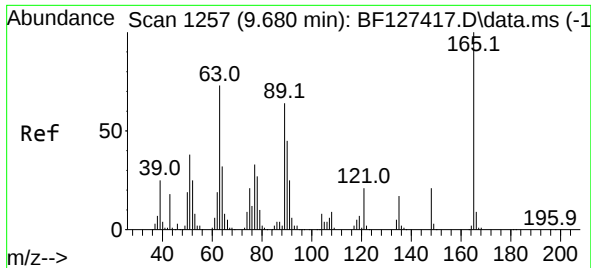
Tgt Ion: 330 Resp: 233926
Ion Ratio Lower Upper
330 100
332 97.7 79.1 118.7
141 33.5 26.2 39.4



#45
2-Fluorobiphenyl
Concen: 83.187 ng
RT: 9.192 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF127632.D
Acq: 04 Apr 2022 15:15

Tgt Ion: 172 Resp: 989097
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.8 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.584 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127632.D

Acq: 04 Apr 2022 15:15

Instrument :

BNA_F

ClientSampleId :

MW-7D

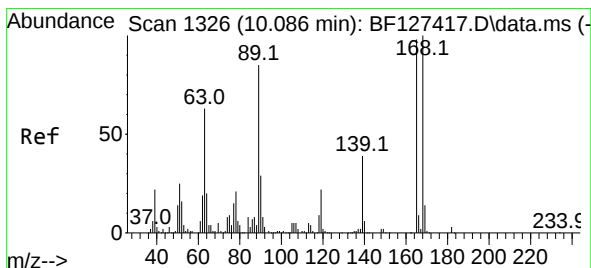
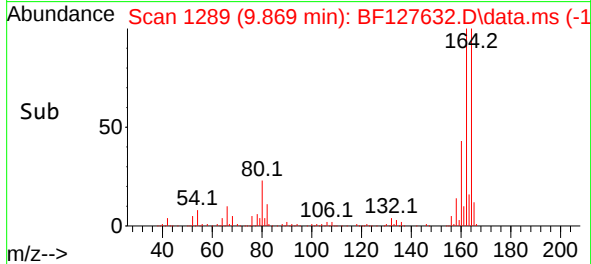
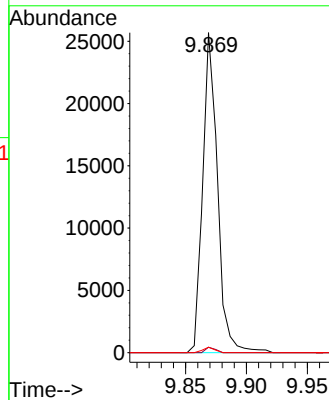
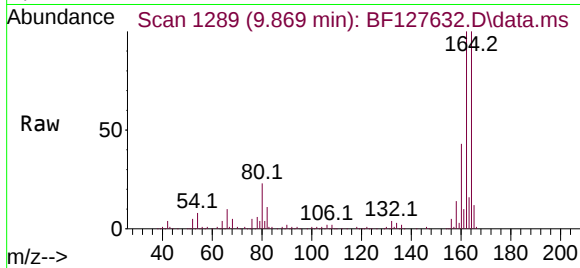
Tgt Ion:165 Resp: 21764

Ion Ratio Lower Upper

165 100

63 1.7 58.3 87.5#

89 1.7 51.5 77.3#



#57

2,4-Dinitrotoluene

Concen: 6.669 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.206 min

Lab File: BF127632.D

Acq: 04 Apr 2022 15:15

Tgt Ion:165 Resp: 21764

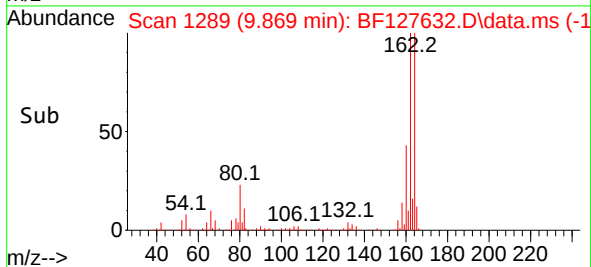
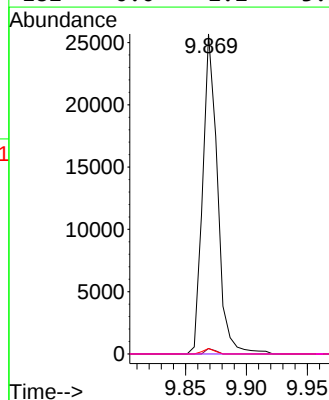
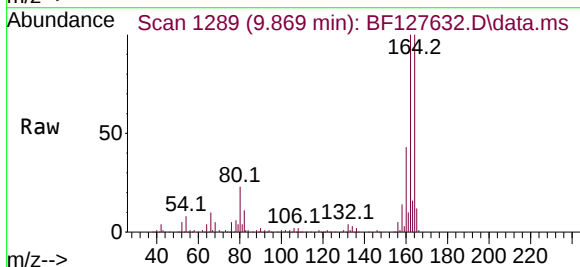
Ion Ratio Lower Upper

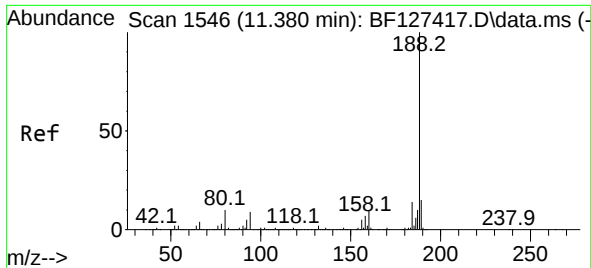
165 100

63 1.7 53.1 79.7#

89 1.7 69.2 103.8#

182 0.0 2.2 3.2#

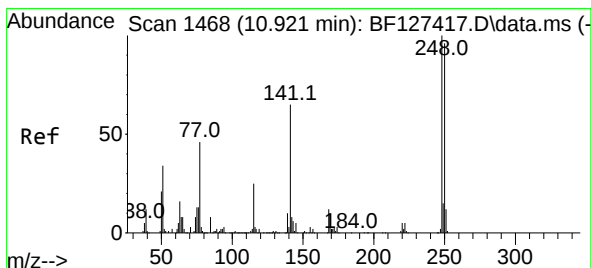
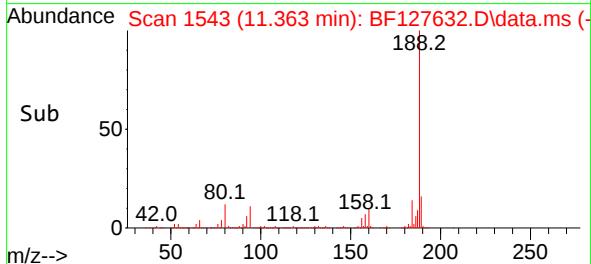
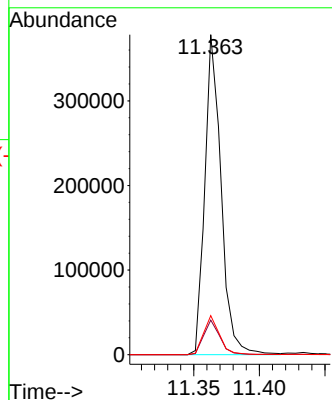
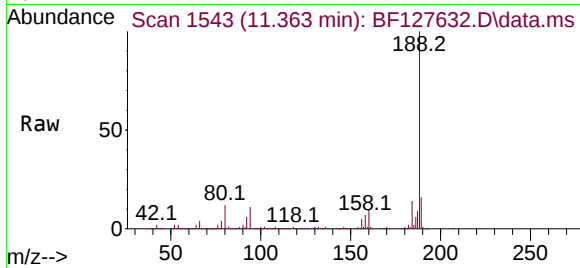




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127632.D
Acq: 04 Apr 2022 15:15

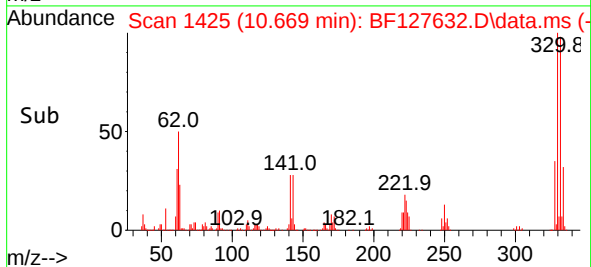
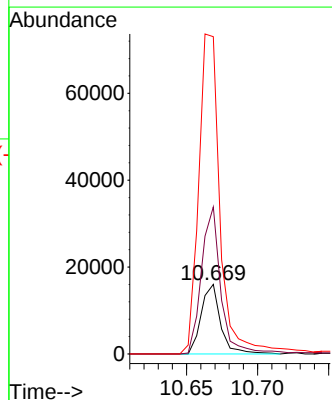
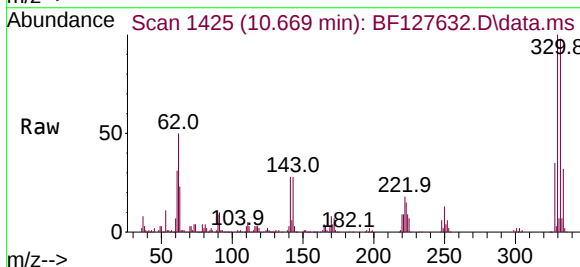
Instrument :
BNA_F
ClientSampleId :
MW-7D

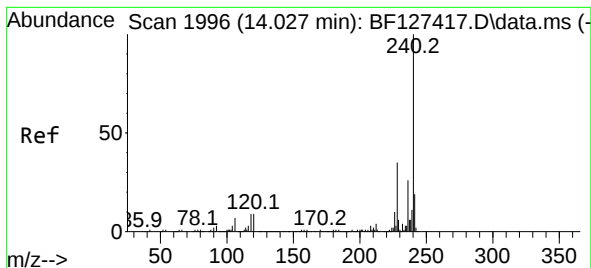
Tgt Ion:188 Resp: 327765
Ion Ratio Lower Upper
188 100
94 10.8 7.4 11.0
80 12.2 8.0 12.0#



#67
4-Bromophenyl-phenylether
Concen: 3.972 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.235 min
Lab File: BF127632.D
Acq: 04 Apr 2022 15:15

Tgt Ion:248 Resp: 15199
Ion Ratio Lower Upper
248 100
250 211.3 76.6 115.0#
141 456.0 52.2 78.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BF127632.D

Acq: 04 Apr 2022 15:15

Instrument :

BNA_F

ClientSampleId :

MW-7D

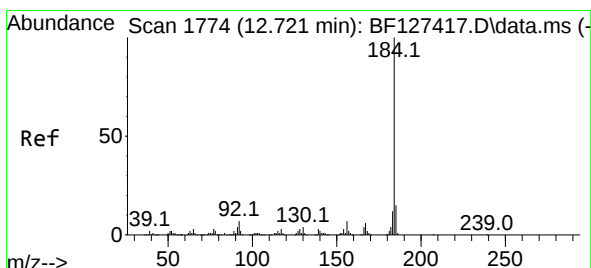
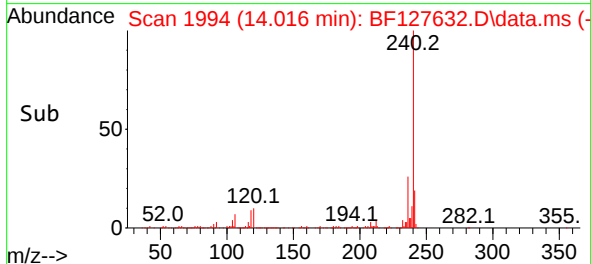
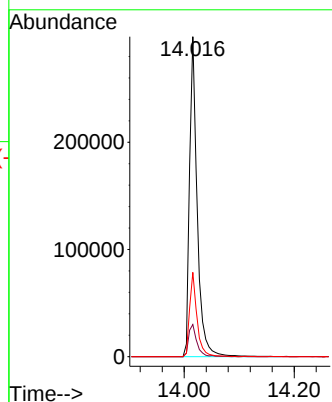
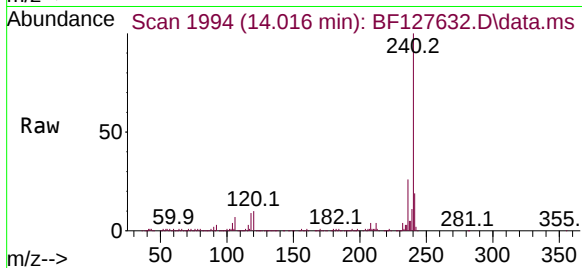
Tgt Ion:240 Resp: 289123

Ion Ratio Lower Upper

240 100

120 10.1 7.1 10.7

236 26.3 20.7 31.1



#77

Benidine

Concen: 2.324 ng

RT: 12.951 min Scan# 1813

Delta R.T. 0.241 min

Lab File: BF127632.D

Acq: 04 Apr 2022 15:15

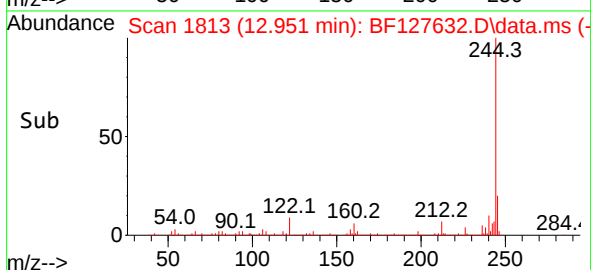
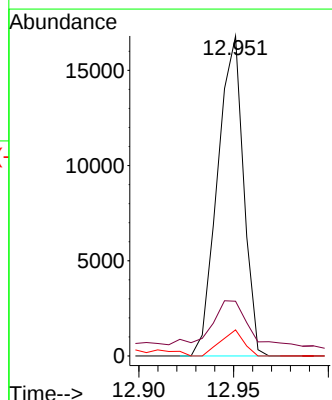
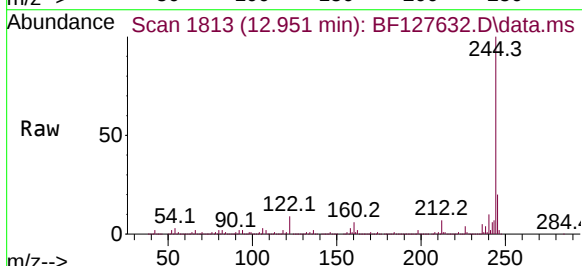
Tgt Ion:184 Resp: 16020

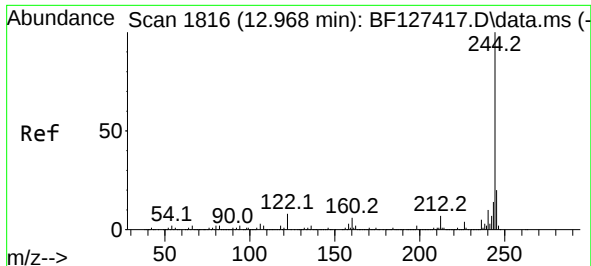
Ion Ratio Lower Upper

184 100

185 17.1 12.2 18.2

183 8.2 9.4 14.0#

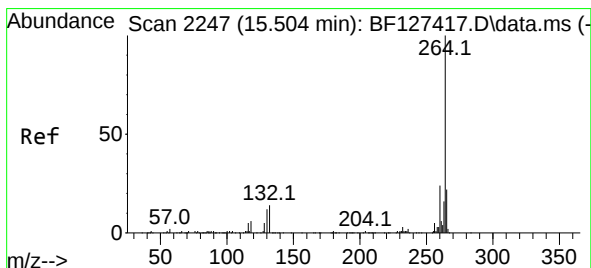
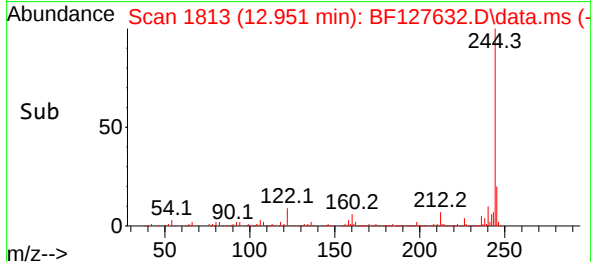
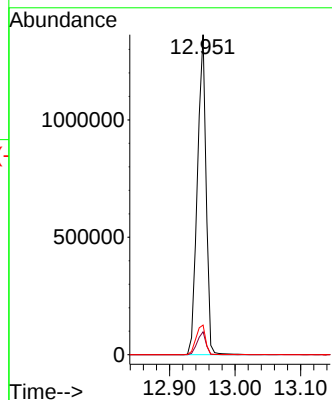
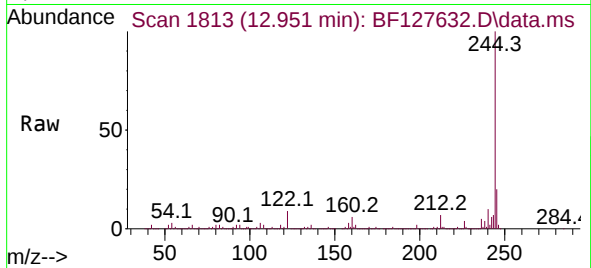




#79
 Terphenyl-d14
 Concen: 71.324 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: BF127632.D
 Acq: 04 Apr 2022 15:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-7D

Tgt Ion:244 Resp: 1259688
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 9.2 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2247
 Delta R.T. 0.012 min
 Lab File: BF127632.D
 Acq: 04 Apr 2022 15:15

Tgt Ion:264 Resp: 208255
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 20.5 17.4 26.2

