

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
 Data File : BF127463.D
 Acq On : 22 Mar 2022 20:44
 Operator : CG\JU
 Sample : N2011-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-C

Quant Time: Mar 23 03:02:45 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 22 02:16:33 2022
 Response via : Initial Calibration

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

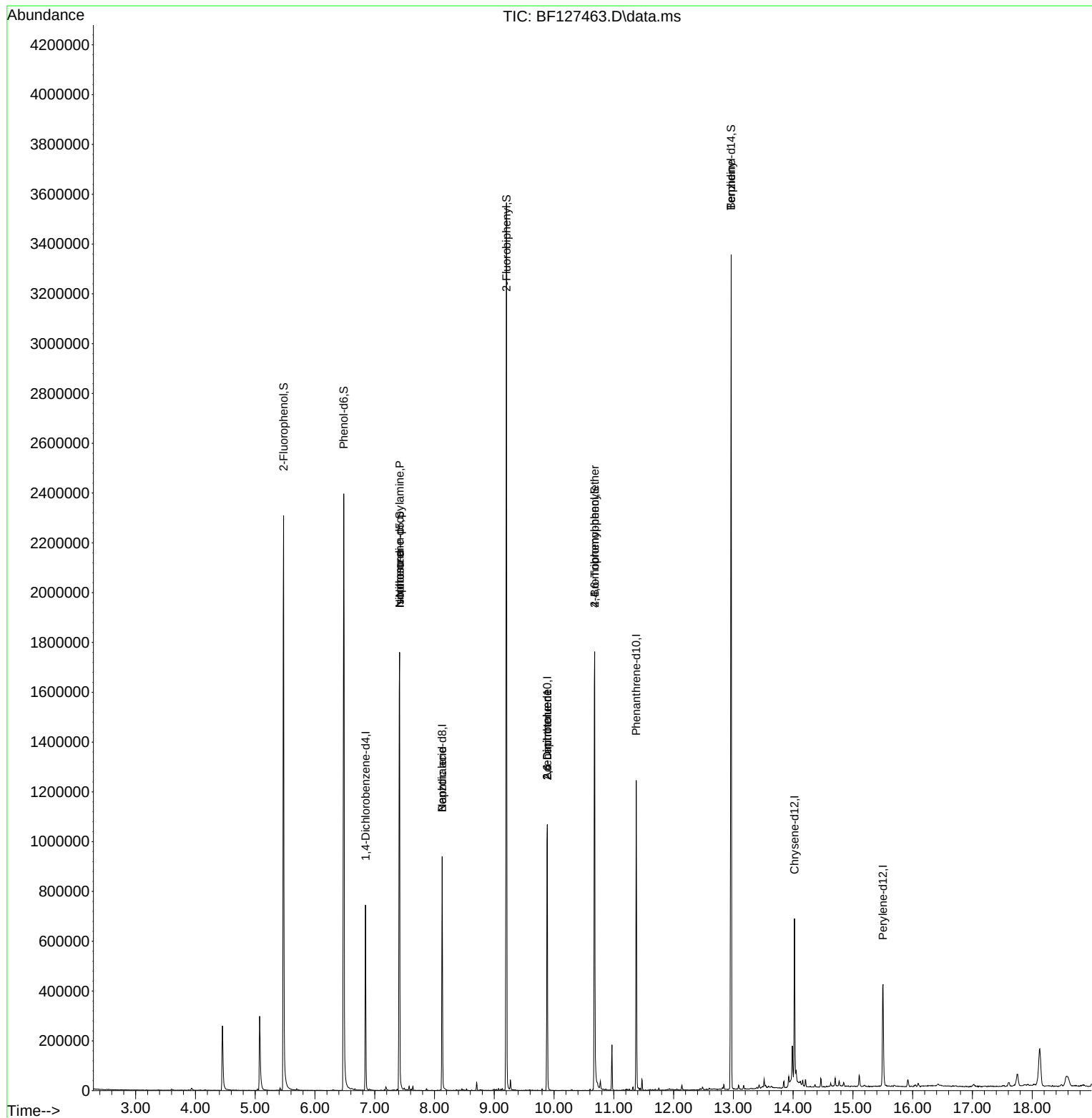
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	100498	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	370469	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	224574	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	408411	20.000	ng	0.00
76) Chrysene-d12	14.022	240	212302	20.000	ng	0.00
86) Perylene-d12	15.504	264	198413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	575953	91.479	ng	0.00
7) Phenol-d6	6.481	99	846629	98.375	ng	0.00
23) Nitrobenzene-d5	7.416	82	588197	67.868	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	221336	92.521	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1041622	67.729	ng	0.00
79) Terphenyl-d14	12.963	244	1157110	89.223	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1156	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	79855	15.480	ng	# 78
25) Isophorone	7.416	82	588190	42.611	ng	# 70
32) Benzoic acid	8.128	122	66	6.062	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	28837	8.793	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	28837	6.831	ng	# 14
58) Fluorene	10.681	166	8765	Below Cal	#	93
67) 4-Bromophenyl-phenylether	10.681	248	14259	2.990	ng	# 1
77) Benzidine	12.963	184	14630	2.890	ng	# 94

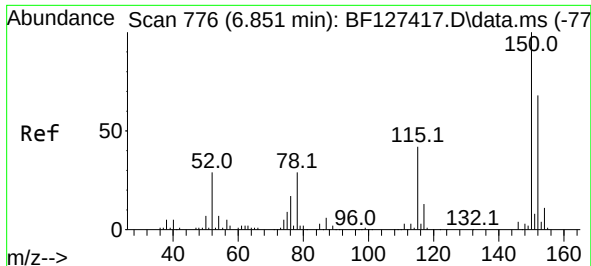
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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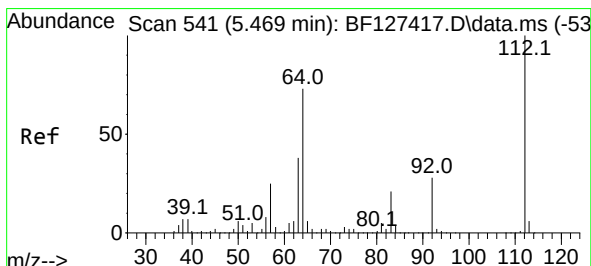
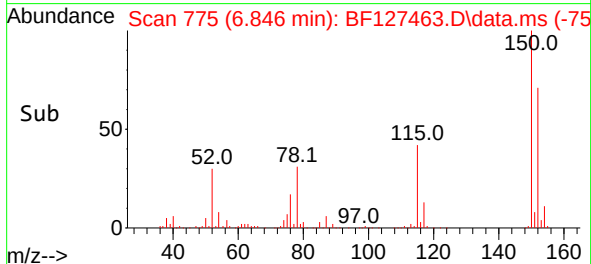
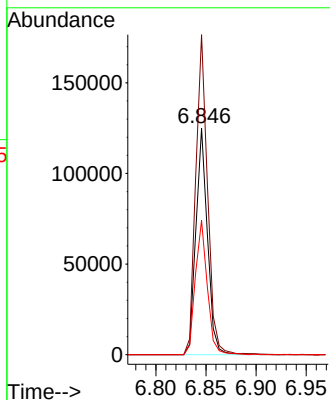
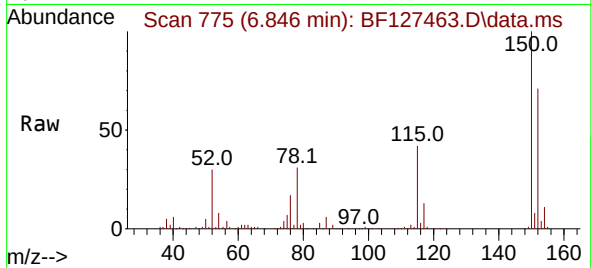




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF127463.D
Acq: 22 Mar 2022 20:44

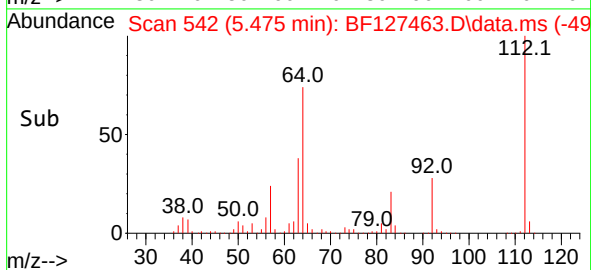
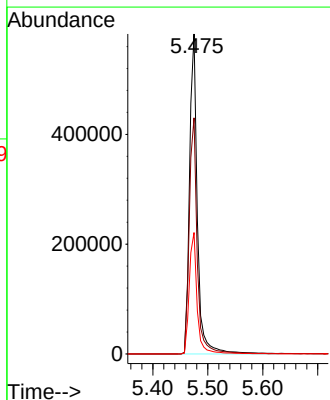
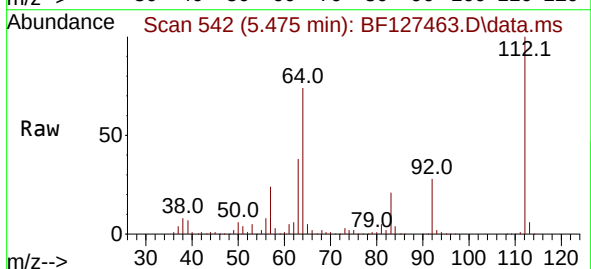
Instrument :
BNA_F
ClientSampleId :
C-C

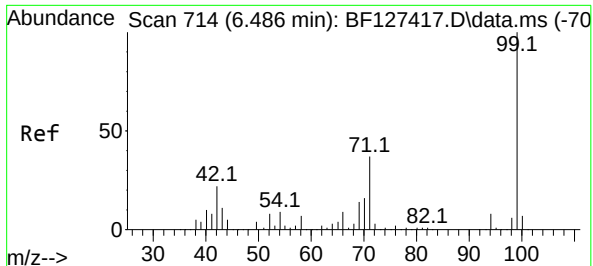
Tgt Ion:152 Resp: 100498
Ion Ratio Lower Upper
152 100
150 141.3 117.2 175.8
115 59.2 49.8 74.6



#5
2-Fluorophenol
Concen: 91.479 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF127463.D
Acq: 22 Mar 2022 20:44

Tgt Ion:112 Resp: 575953
Ion Ratio Lower Upper
112 100
64 73.8 58.4 87.6
63 38.0 30.1 45.1





#7

Phenol-d6

Concen: 98.375 ng

RT: 6.481 min Scan# 713

Delta R.T. -0.006 min

Lab File: BF127463.D

Acq: 22 Mar 2022 20:44

Instrument :

BNA_F

ClientSampleId :

C-C

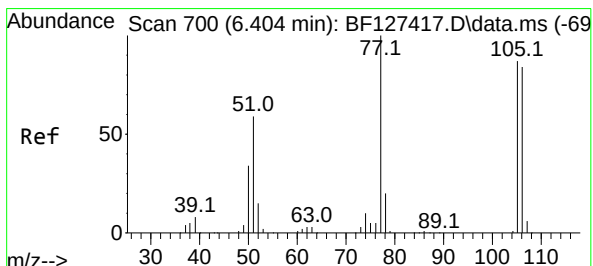
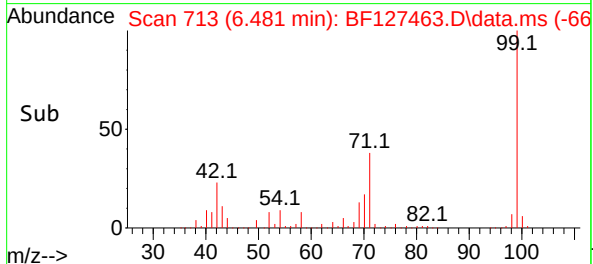
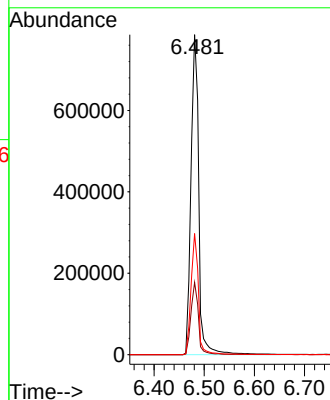
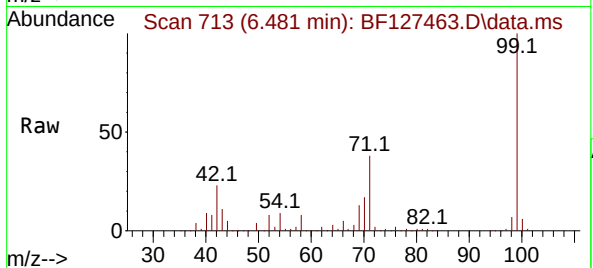
Tgt Ion: 99 Resp: 846629

Ion Ratio Lower Upper

99 100

42 22.6 17.8 26.6

71 37.9 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.481 min Scan# 713

Delta R.T. 0.077 min

Lab File: BF127463.D

Acq: 22 Mar 2022 20:44

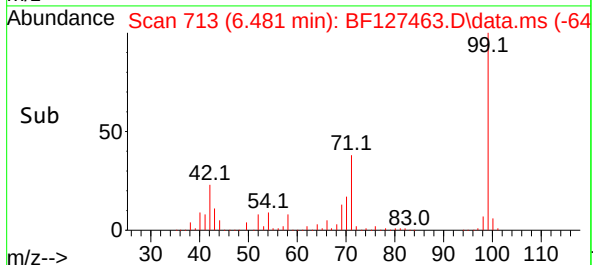
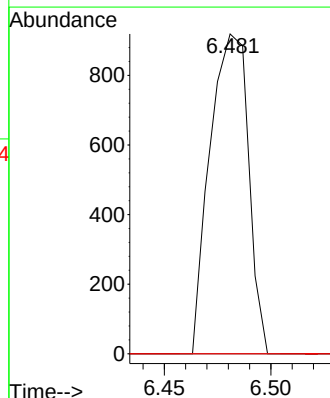
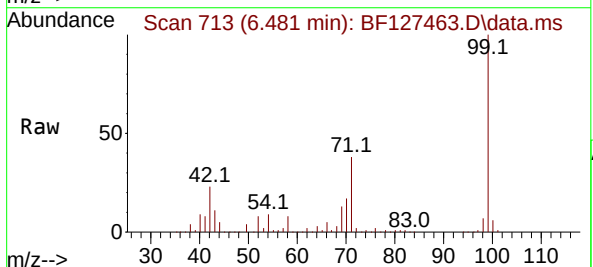
Tgt Ion: 77 Resp: 1156

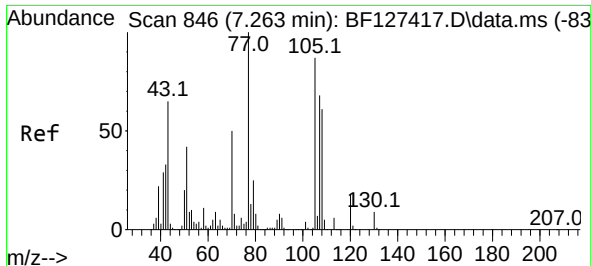
Ion Ratio Lower Upper

77 100

105 0.0 66.8 106.8#

106 0.0 64.3 104.3#

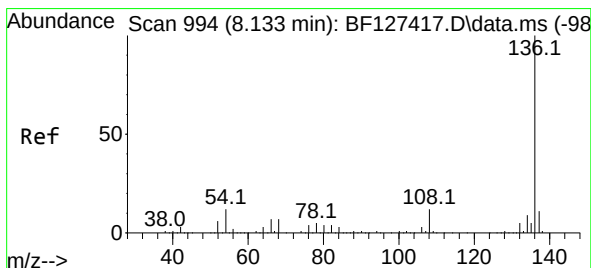
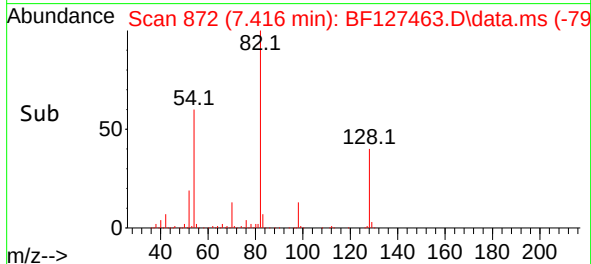
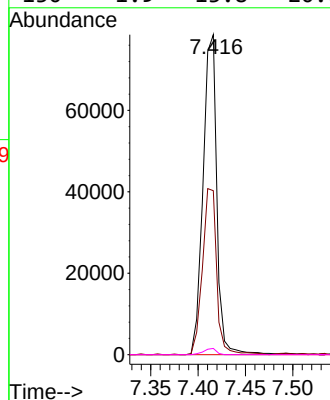
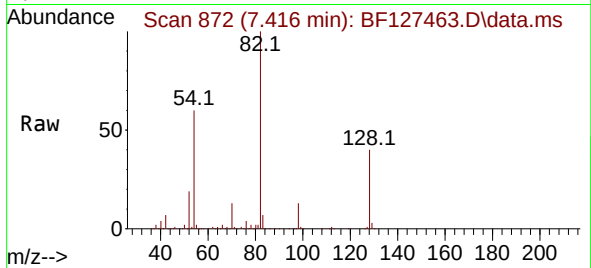




#19
n-Nitroso-di-n-propylamine
Concen: 15.480 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127463.D
Acq: 22 Mar 2022 20:44

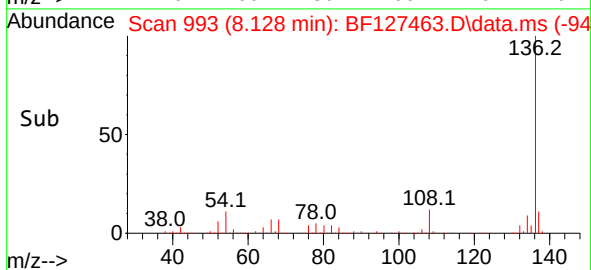
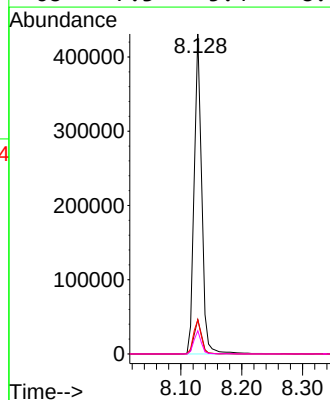
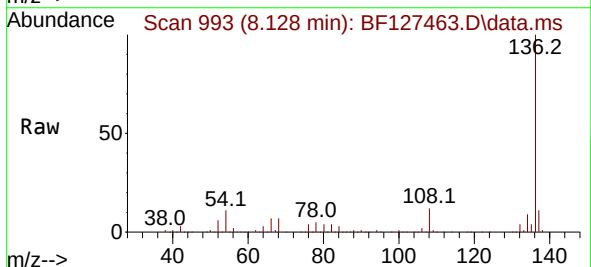
Instrument :
BNA_F
ClientSampleId :
C-C

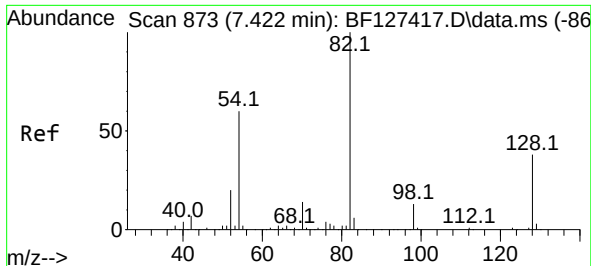
Tgt Ion: 70 Resp: 79855
Ion Ratio Lower Upper
70 100
42 51.3 53.0 79.6#
101 0.0 6.8 10.2#
130 1.9 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127463.D
Acq: 22 Mar 2022 20:44

Tgt Ion:136 Resp: 370469
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.7 9.2 13.8
68 7.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 67.868 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127463.D

Acq: 22 Mar 2022 20:44

Instrument :

BNA_F

ClientSampleId :

C-C

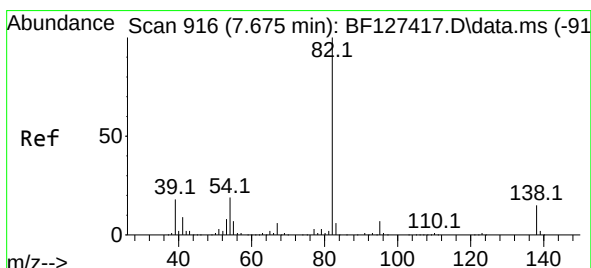
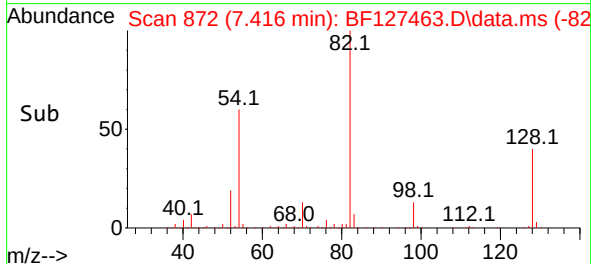
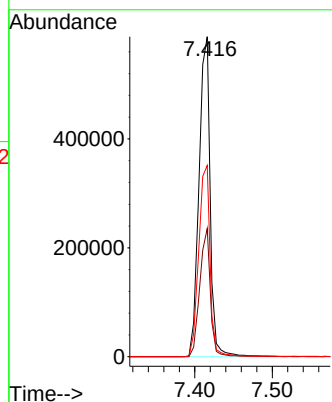
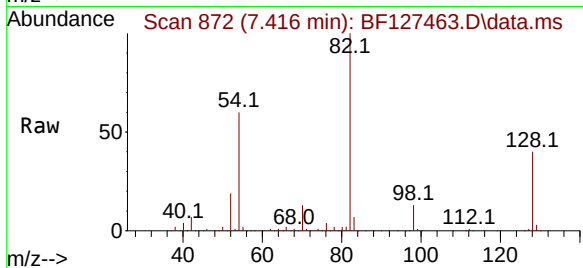
Tgt Ion: 82 Resp: 588197

Ion Ratio Lower Upper

82 100

128 40.1 30.6 45.8

54 59.8 48.2 72.2



#25

Isophorone

Concen: 42.611 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127463.D

Acq: 22 Mar 2022 20:44

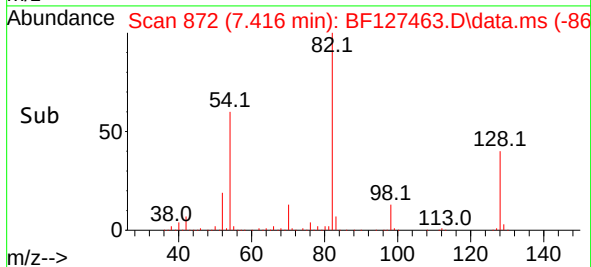
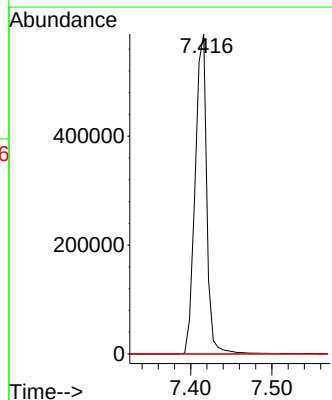
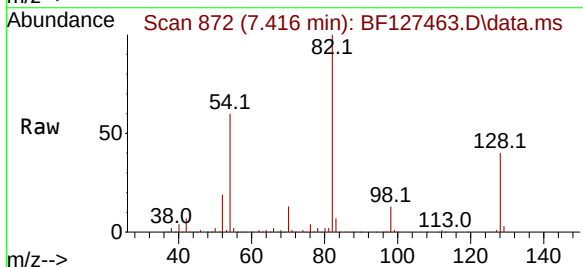
Tgt Ion: 82 Resp: 588190

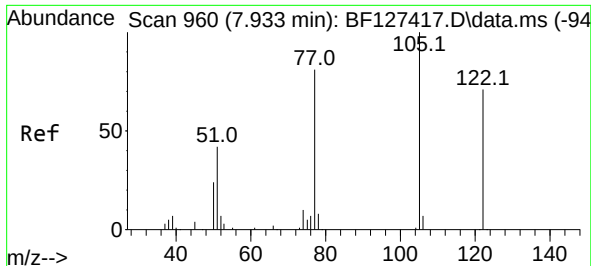
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

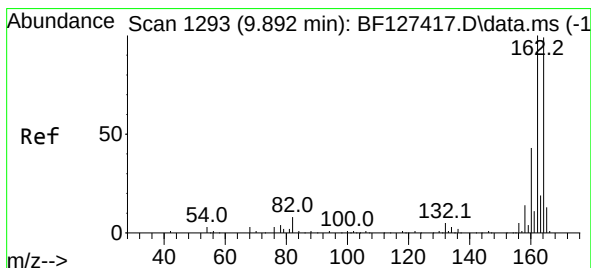
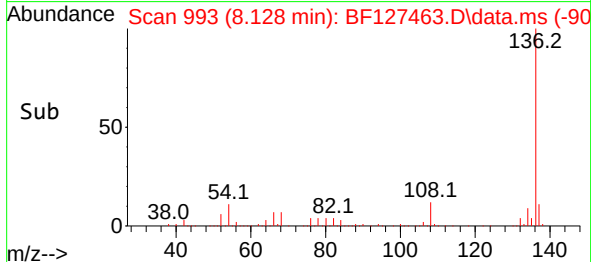
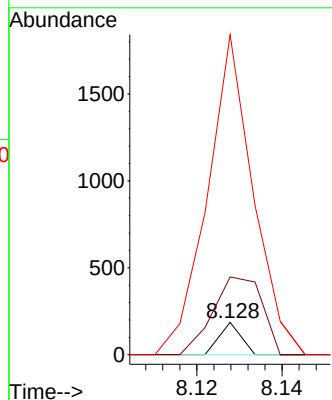
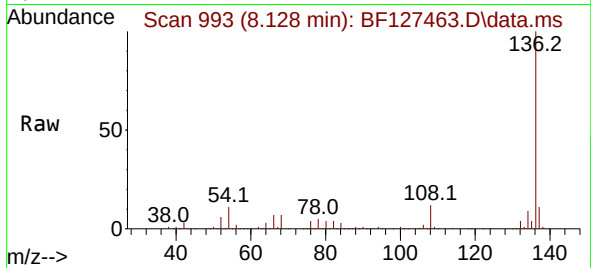




#32
Benzoic acid
Concen: 6.062 ng
RT: 8.128 min Scan# 91
Delta R.T. 0.195 min
Lab File: BF127463.D
Acq: 22 Mar 2022 20:44

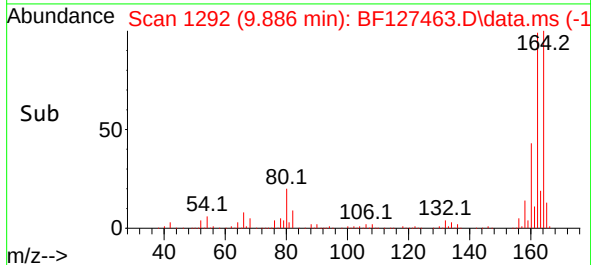
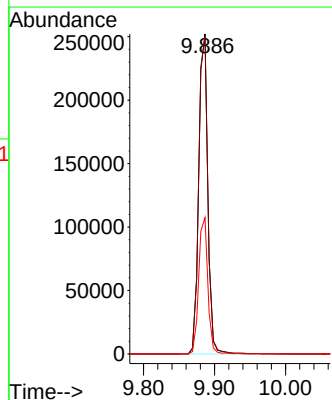
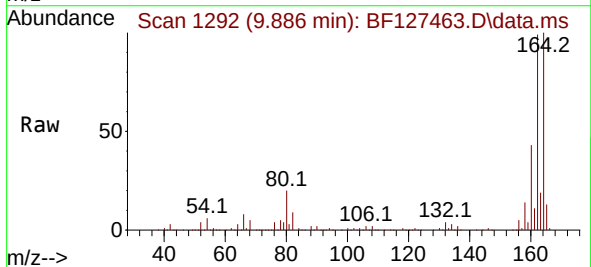
Instrument :
BNA_F
ClientSampleId :
C-C

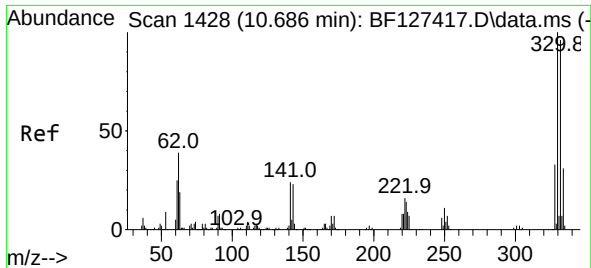
Tgt Ion:122 Resp: 66
Ion Ratio Lower Upper
122 100
105 240.9 117.1 157.1#
77 989.8 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127463.D
Acq: 22 Mar 2022 20:44

Tgt Ion:164 Resp: 224574
Ion Ratio Lower Upper
164 100
162 99.2 81.2 121.8
160 42.6 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 92.521 ng

RT: 10.681 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127463.D

Acq: 22 Mar 2022 20:44

Instrument :

BNA_F

ClientSampleId :

C-C

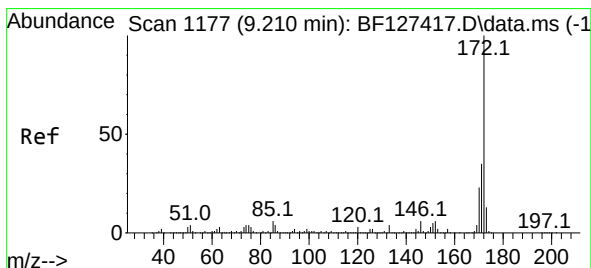
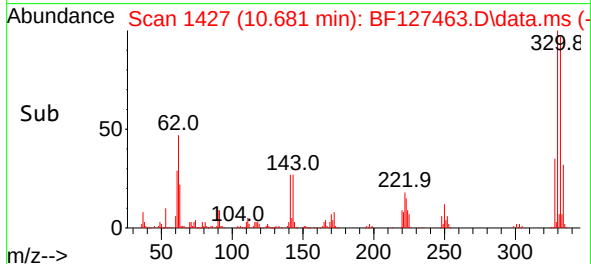
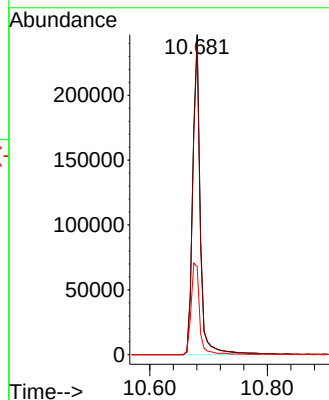
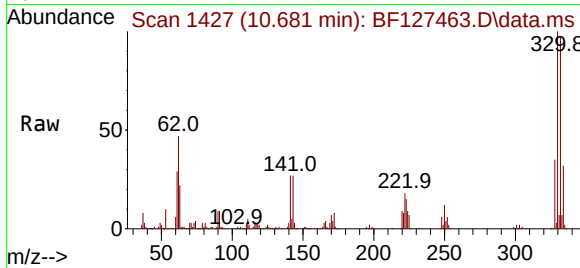
Tgt Ion:330 Resp: 221336

Ion Ratio Lower Upper

330 100

332 96.5 79.1 118.7

141 32.0 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 67.729 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127463.D

Acq: 22 Mar 2022 20:44

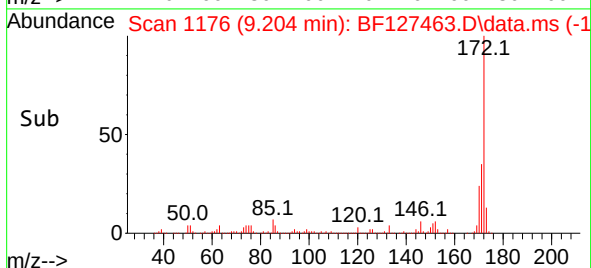
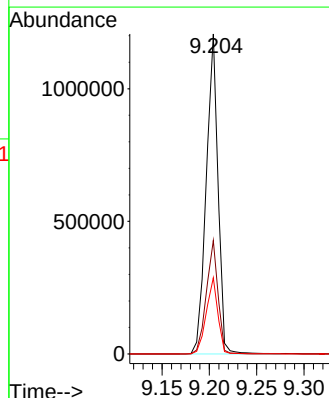
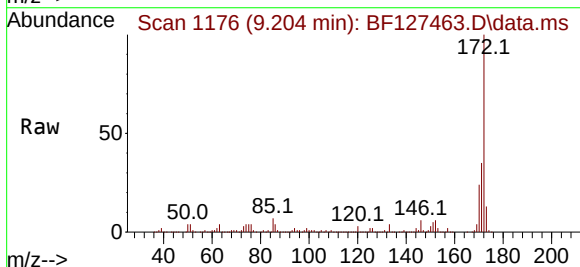
Tgt Ion:172 Resp: 1041622

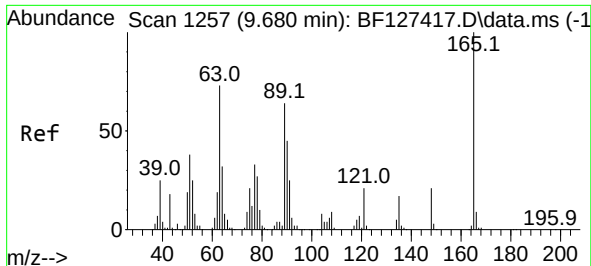
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.8 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.793 ng

RT: 9.886 min Scan# 1292

Delta R.T. 0.206 min

Lab File: BF127463.D

Acq: 22 Mar 2022 20:44

Instrument :

BNA_F

ClientSampleId :

C-C

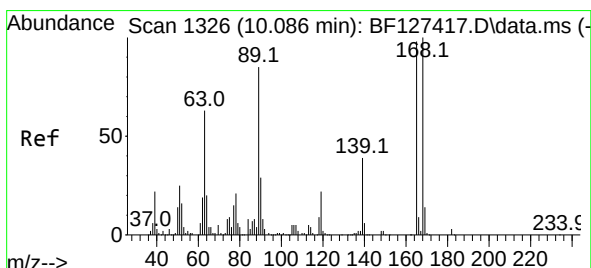
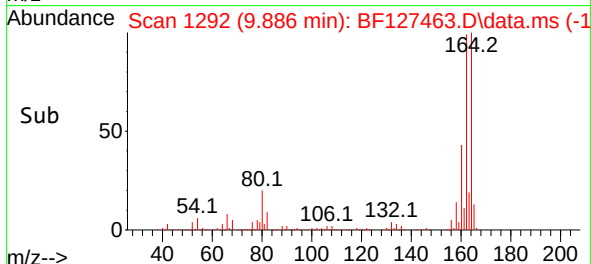
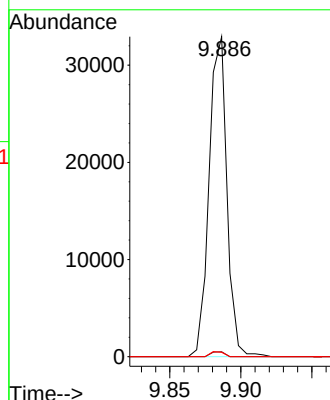
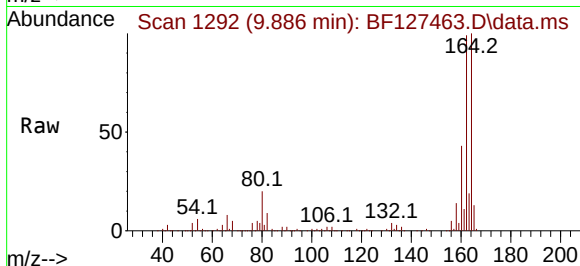
Tgt Ion:165 Resp: 28837

Ion Ratio Lower Upper

165 100

63 1.6 58.3 87.5#

89 1.3 51.5 77.3#



#57

2,4-Dinitrotoluene

Concen: 6.831 ng

RT: 9.886 min Scan# 1292

Delta R.T. -0.200 min

Lab File: BF127463.D

Acq: 22 Mar 2022 20:44

Tgt Ion:165 Resp: 28837

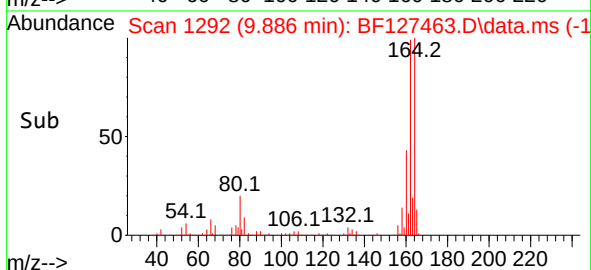
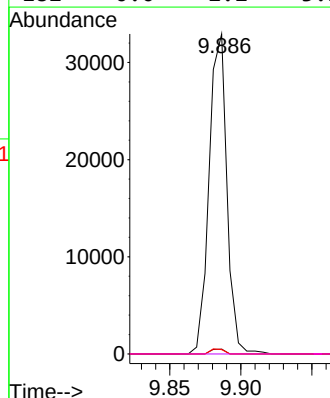
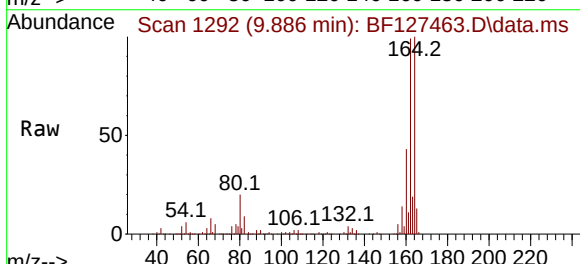
Ion Ratio Lower Upper

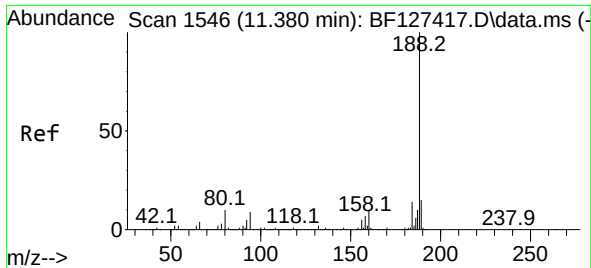
165 100

63 1.6 53.1 79.7#

89 1.3 69.2 103.8#

182 0.0 2.2 3.2#

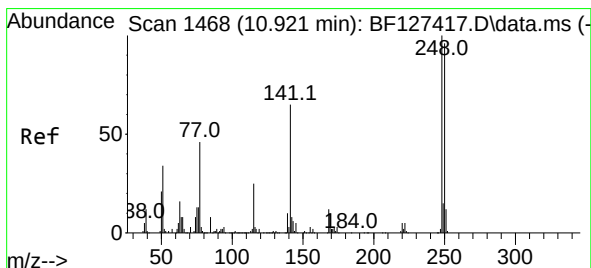
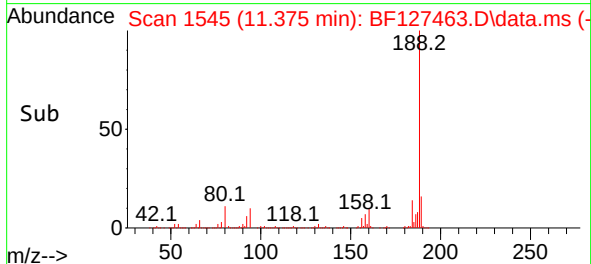
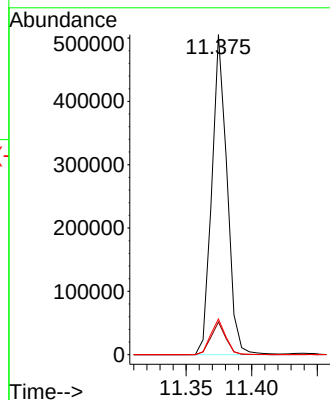
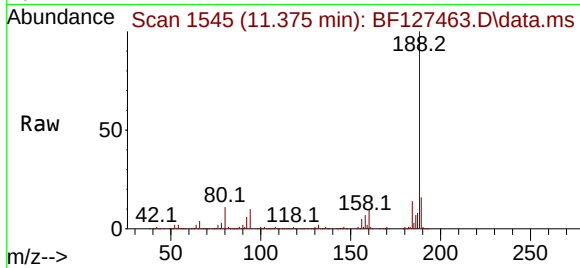




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF127463.D
Acq: 22 Mar 2022 20:44

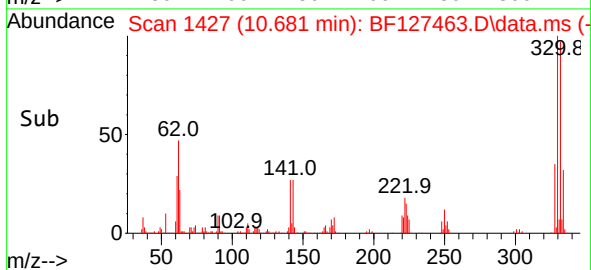
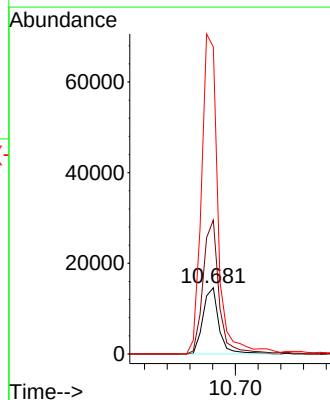
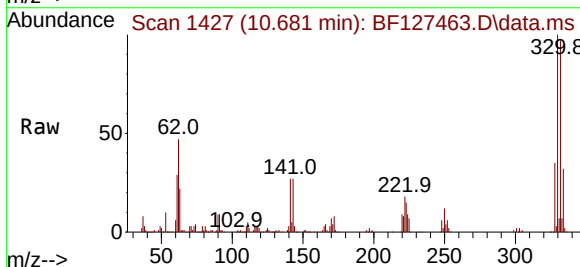
Instrument :
BNA_F
ClientSampleId :
C-C

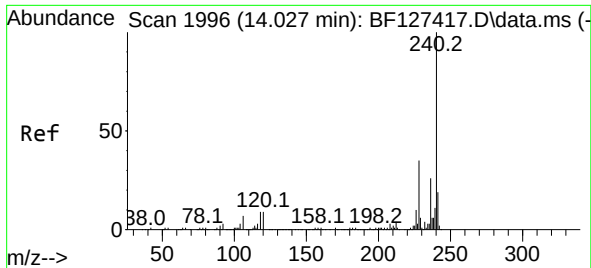
Tgt Ion:188 Resp: 408411
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.0
80 11.1 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 2.990 ng
RT: 10.681 min Scan# 1427
Delta R.T. -0.241 min
Lab File: BF127463.D
Acq: 22 Mar 2022 20:44

Tgt Ion:248 Resp: 14259
Ion Ratio Lower Upper
248 100
250 202.4 76.6 115.0#
141 463.8 52.2 78.2#

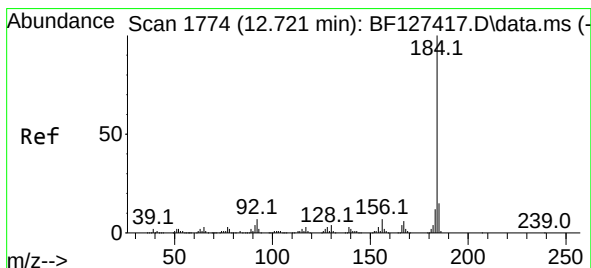
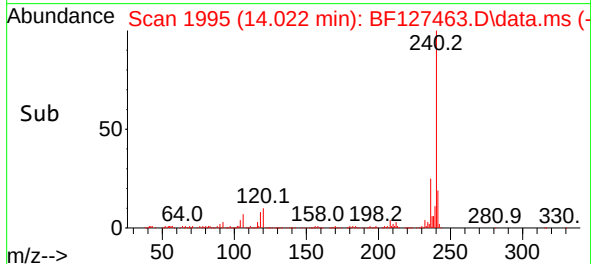
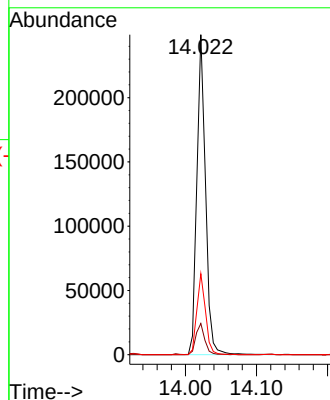
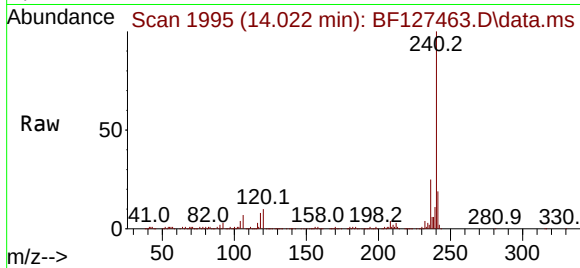




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127463.D
Acq: 22 Mar 2022 20:44

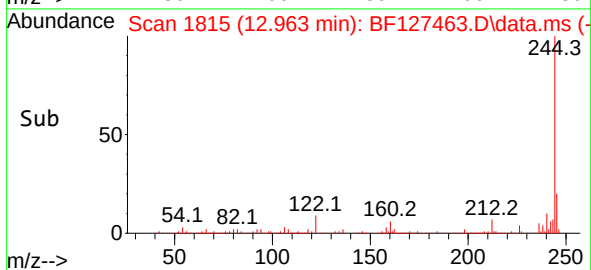
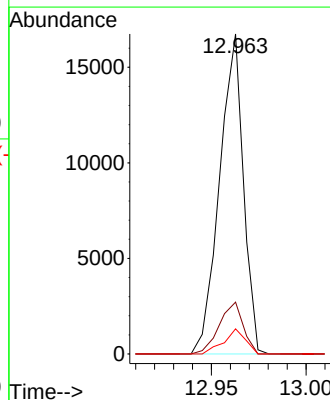
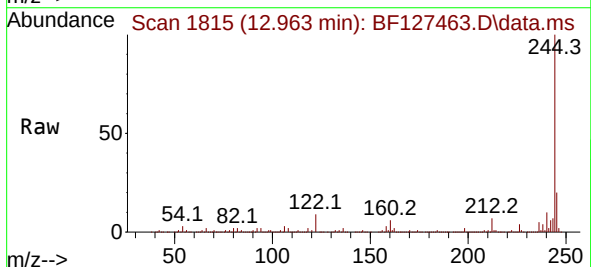
Instrument :
BNA_F
ClientSampleId :
C-C

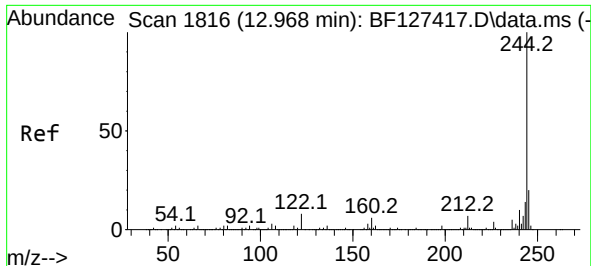
Tgt Ion:240 Resp: 212302
Ion Ratio Lower Upper
240 100
120 9.8 7.1 10.7
236 25.3 20.7 31.1



#77
Benzidine
Concen: 2.890 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127463.D
Acq: 22 Mar 2022 20:44

Tgt Ion:184 Resp: 14630
Ion Ratio Lower Upper
184 100
185 16.2 12.2 18.2
183 7.9 9.4 14.0#

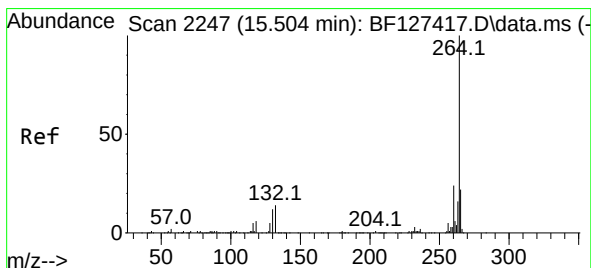
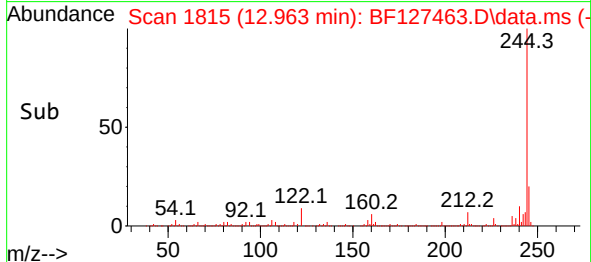
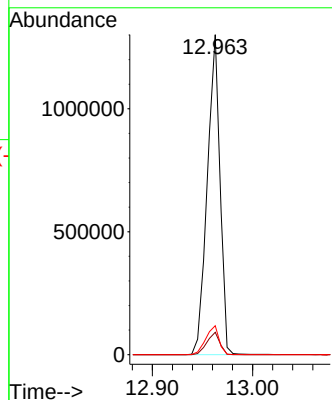
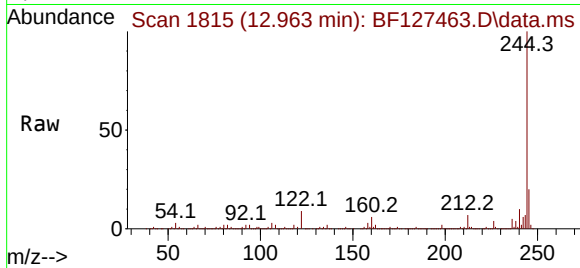




#79
 Terphenyl-d14
 Concen: 89.223 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. -0.006 min
 Lab File: BF127463.D
 Acq: 22 Mar 2022 20:44

Instrument :
 BNA_F
 ClientSampleId :
 C-C

Tgt Ion:244 Resp: 1157110
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.1 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF127463.D
 Acq: 22 Mar 2022 20:44

Tgt Ion:264 Resp: 198413
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.0 17.4 26.2

