

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127163.D
 Acq On : 03 Mar 2022 10:45
 Operator : CG\JU
 Sample : PB143032BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143032BL

Quant Time: Mar 03 16:57:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

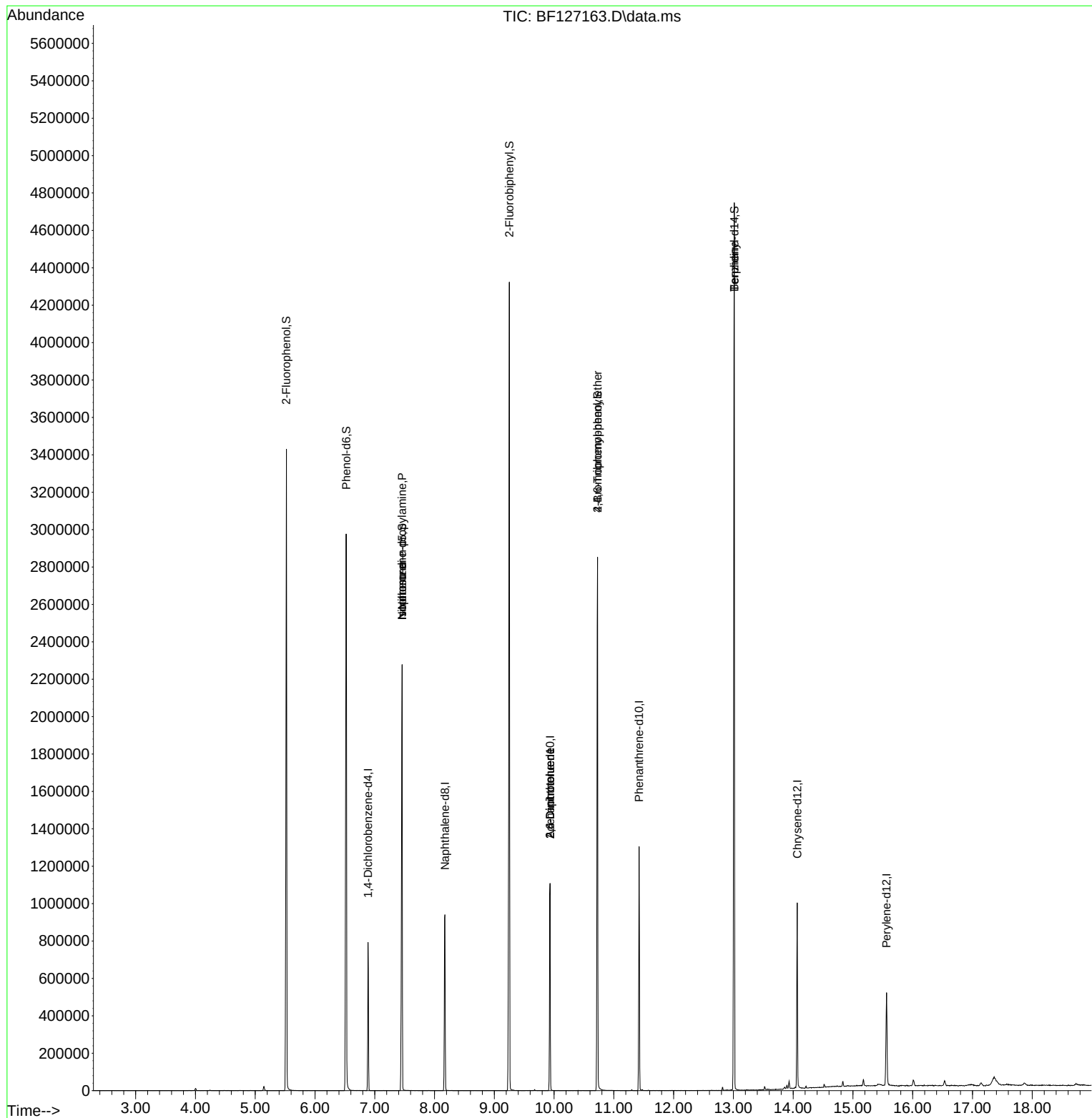
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	106984	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	436884	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	227166	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	422422	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	298076	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	201068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	880269	127.170	ng	0.01
7) Phenol-d6	6.522	99	1144345	122.519	ng	0.00
23) Nitrobenzene-d5	7.457	82	790946	81.718	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	359263	137.359	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1295584	83.961	ng	0.00
79) Terphenyl-d14	13.015	244	1652189	81.482	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	106581	17.709	ng	# 76
25) Isophorone	7.457	82	787395	49.162	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	28891	8.745	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	28891	6.468	ng	# 15
67) 4-Bromophenyl-phenylether	10.727	248	20682	4.382	ng	# 1
77) Benzydine	13.015	184	23147	2.858	ng	# 96

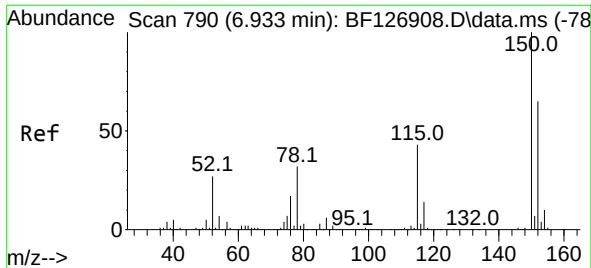
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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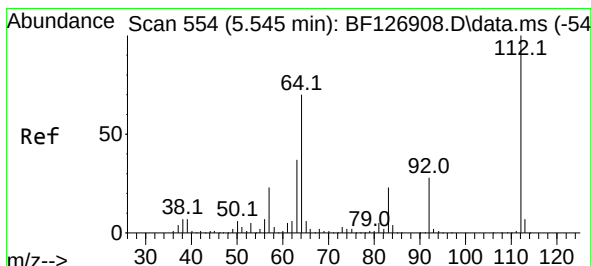
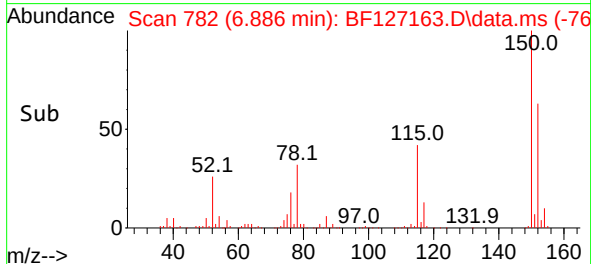
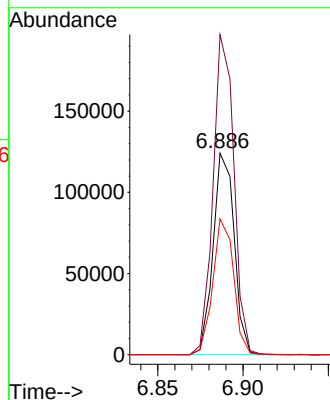
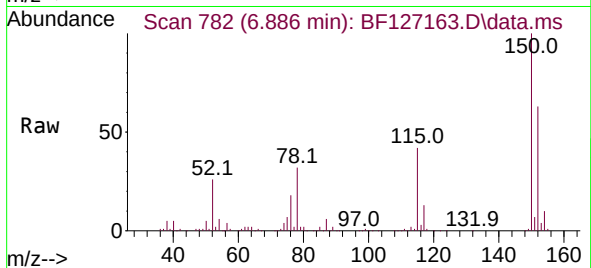




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BF127163.D
 Acq: 03 Mar 2022 10:45

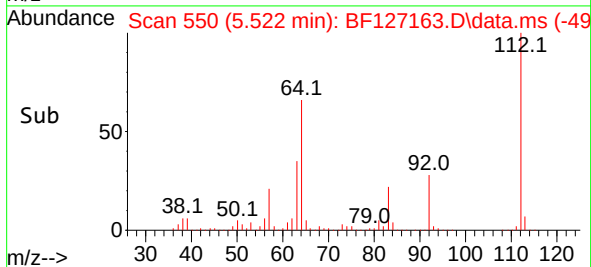
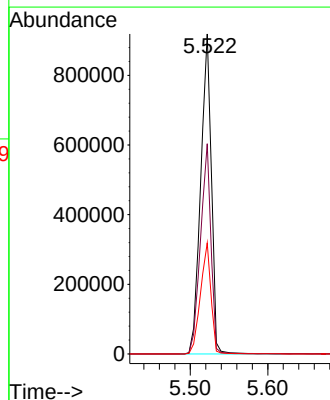
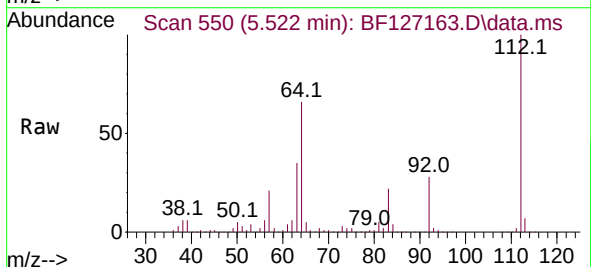
Instrument :
 BNA_F
 ClientSampleId :
 PB143032BL

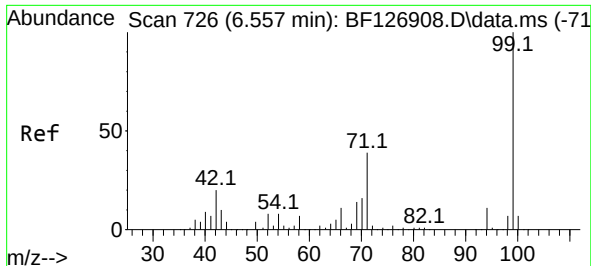
Tgt Ion:152 Resp: 106984
 Ion Ratio Lower Upper
 152 100
 150 158.8 128.1 192.1
 115 67.4 56.7 85.1



#5
 2-Fluorophenol
 Concen: 127.170 ng
 RT: 5.522 min Scan# 550
 Delta R.T. 0.012 min
 Lab File: BF127163.D
 Acq: 03 Mar 2022 10:45

Tgt Ion:112 Resp: 880269
 Ion Ratio Lower Upper
 112 100
 64 65.7 49.5 74.3
 63 34.7 23.9 35.9

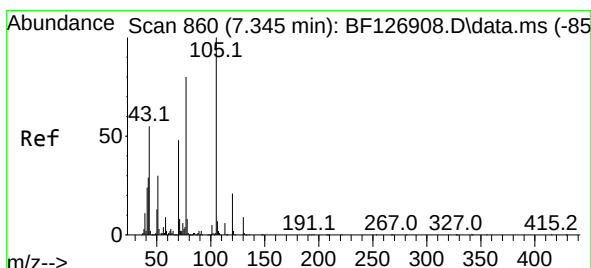
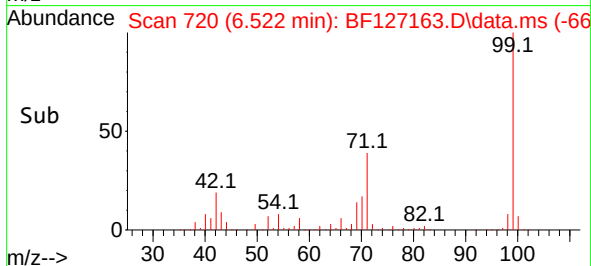
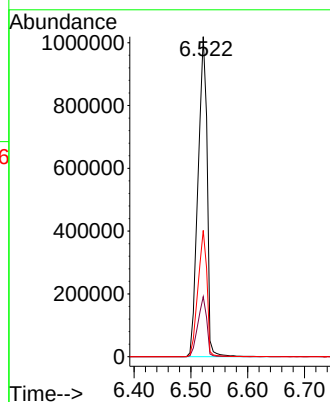
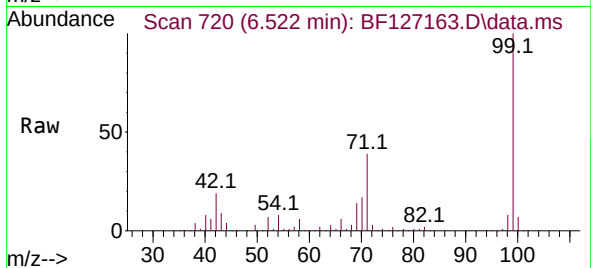




#7
Phenol-d6
Concen: 122.519 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127163.D
Acq: 03 Mar 2022 10:45

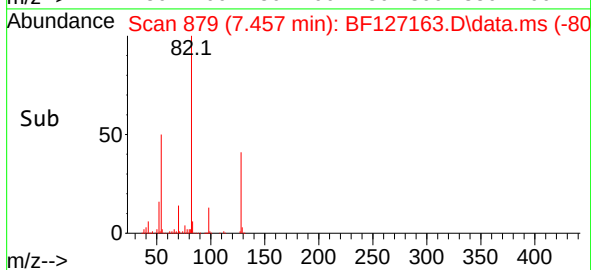
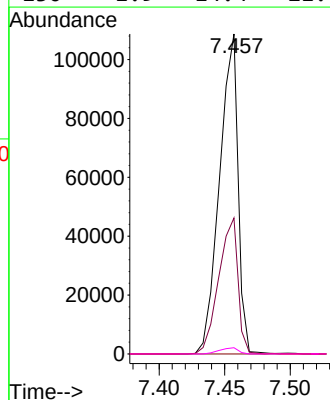
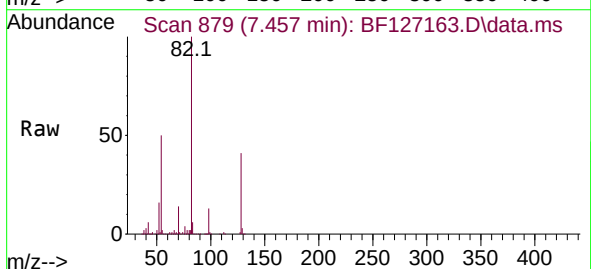
Instrument :
BNA_F
ClientSampleId :
PB143032BL

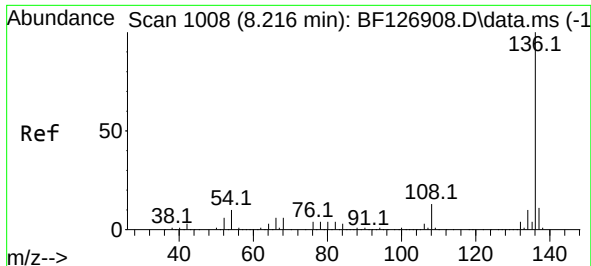
Tgt Ion: 99 Resp: 1144345
Ion Ratio Lower Upper
99 100
42 18.7 14.2 21.4
71 39.4 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.709 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.153 min
Lab File: BF127163.D
Acq: 03 Mar 2022 10:45

Tgt Ion: 70 Resp: 106581
Ion Ratio Lower Upper
70 100
42 42.5 45.8 68.8#
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#

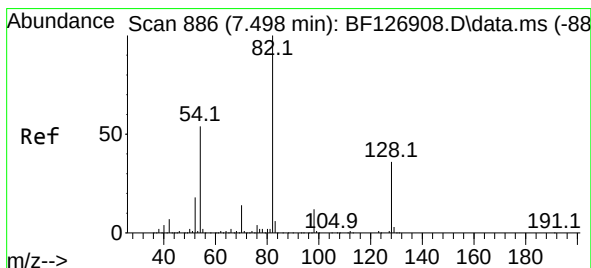
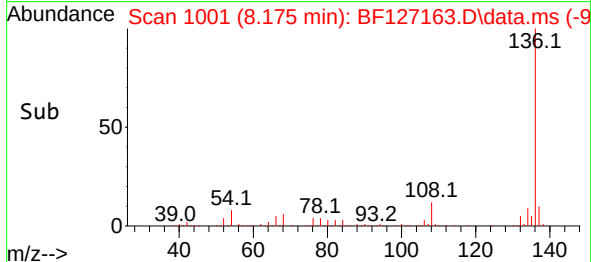
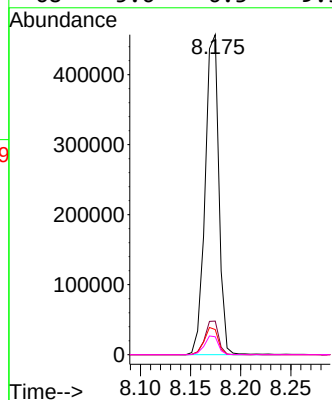
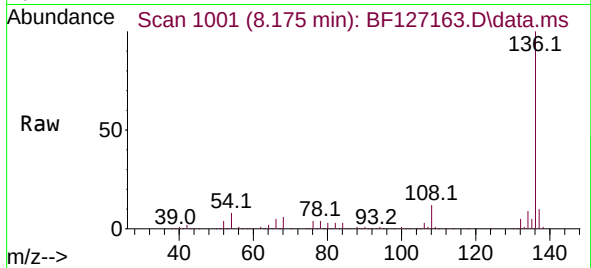




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF127163.D
Acq: 03 Mar 2022 10:45

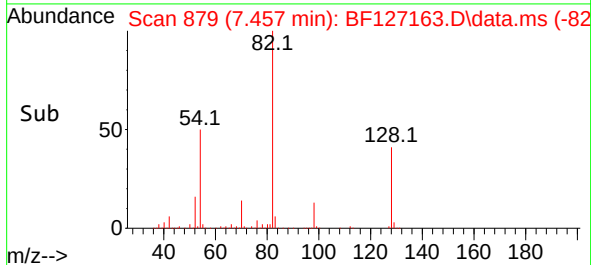
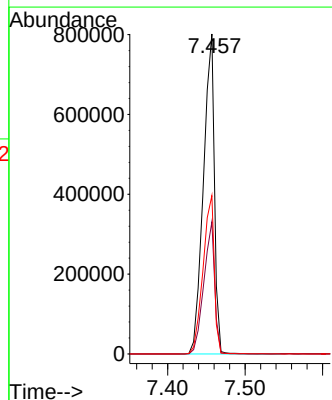
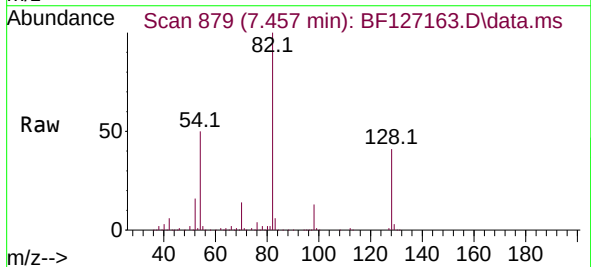
Instrument :
BNA_F
ClientSampleId :
PB143032BL

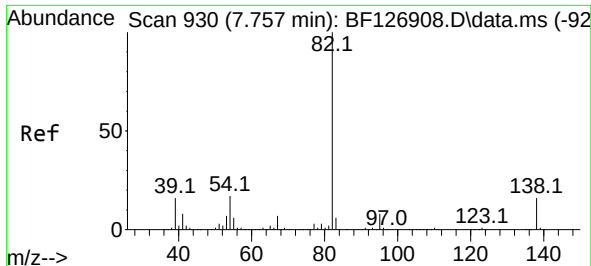
Tgt Ion:136 Resp: 436884
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.8 7.8 11.6
68 5.6 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 81.718 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127163.D
Acq: 03 Mar 2022 10:45

Tgt Ion: 82 Resp: 790946
Ion Ratio Lower Upper
82 100
128 41.3 32.7 49.1
54 49.5 41.7 62.5

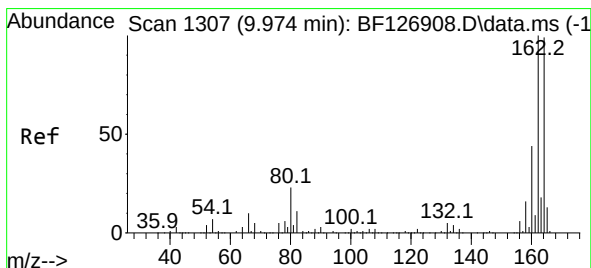
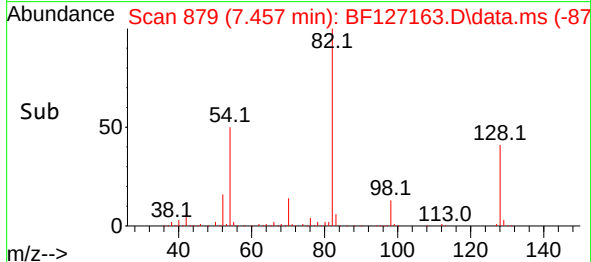
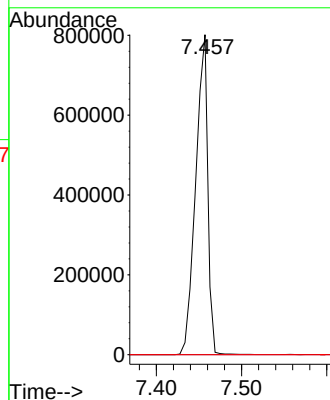
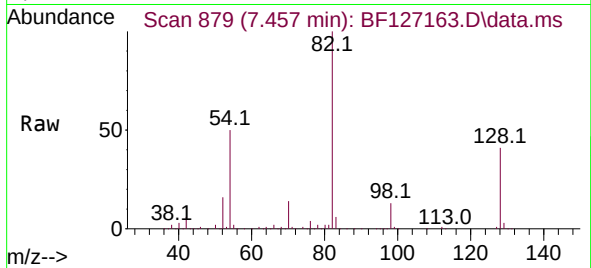




#25
Isophorone
Concen: 49.162 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127163.D
Acq: 03 Mar 2022 10:45

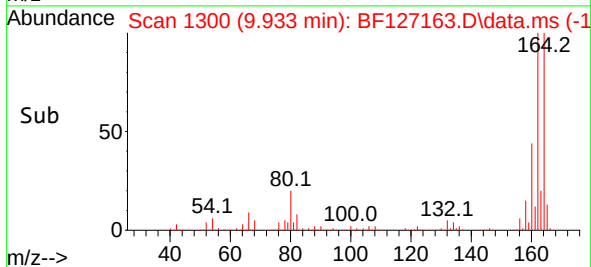
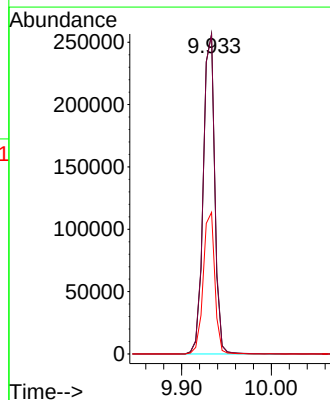
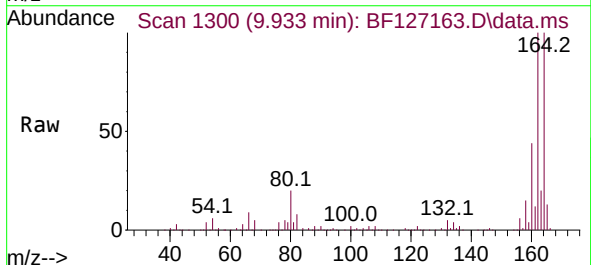
Instrument :
BNA_F
ClientSampleId :
PB143032BL

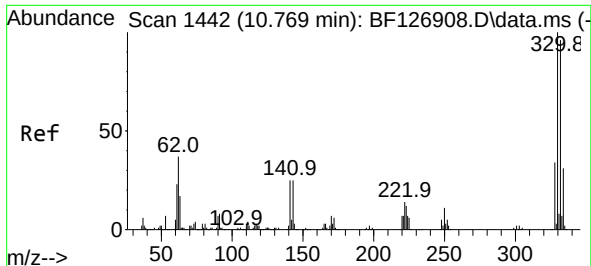
Tgt Ion: 82 Resp: 787395
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127163.D
Acq: 03 Mar 2022 10:45

Tgt Ion:164 Resp: 227166
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.0
160 44.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 137.359 ng

RT: 10.727 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127163.D

Acq: 03 Mar 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB143032BL

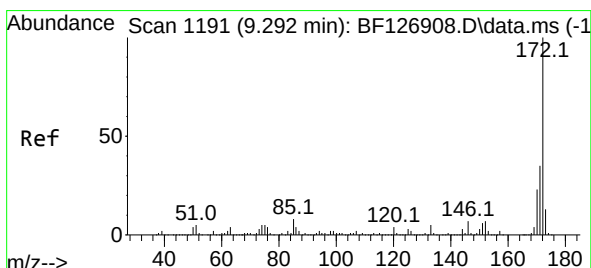
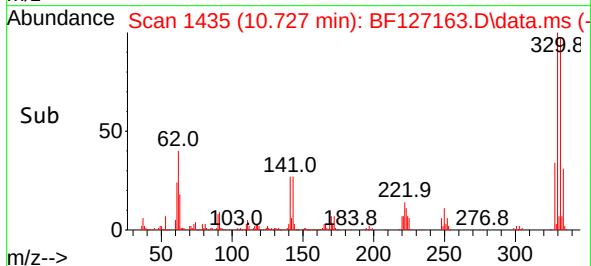
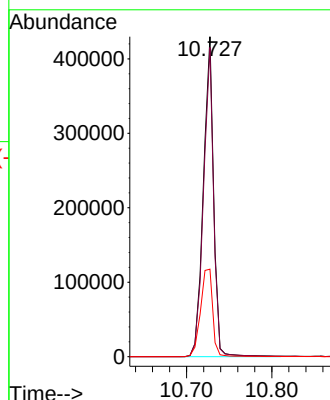
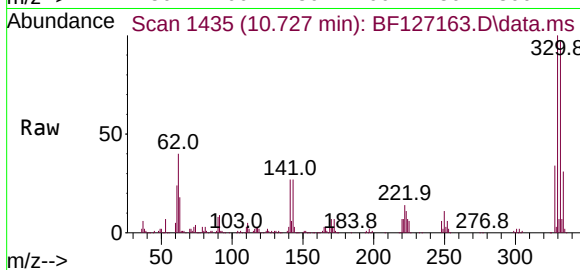
Tgt Ion:330 Resp: 359263

Ion Ratio Lower Upper

330 100

332 95.6 76.0 114.0

141 32.7 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 83.961 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF127163.D

Acq: 03 Mar 2022 10:45

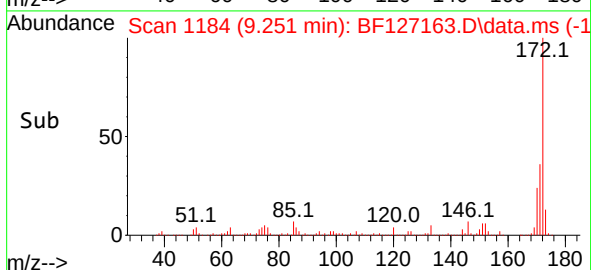
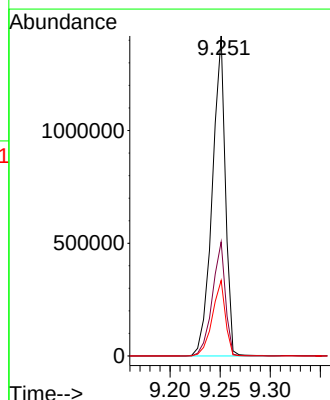
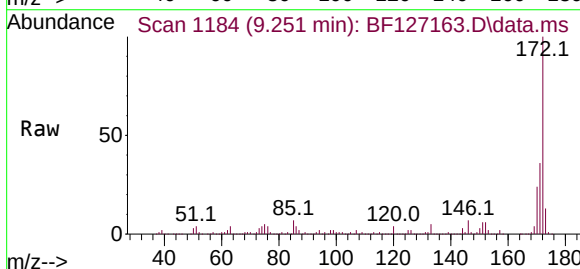
Tgt Ion:172 Resp: 1295584

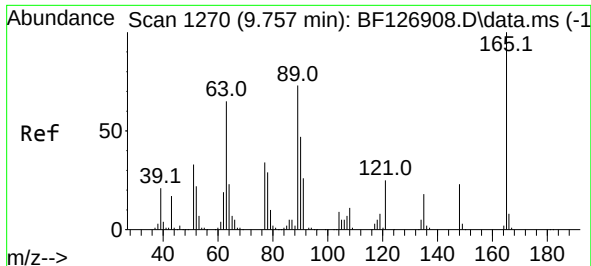
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.6 19.0 28.6

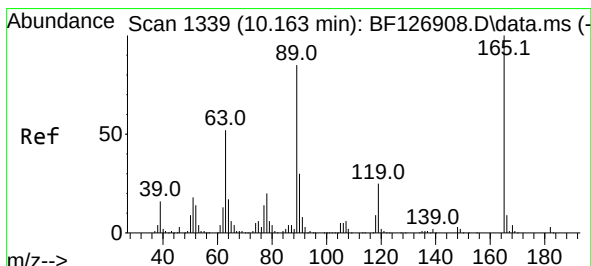
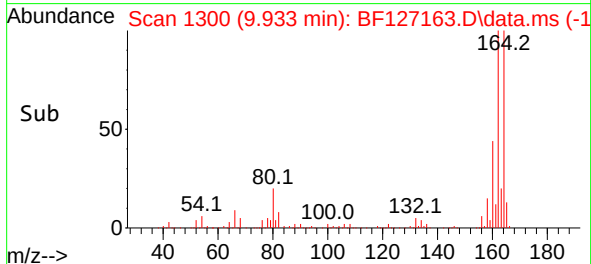
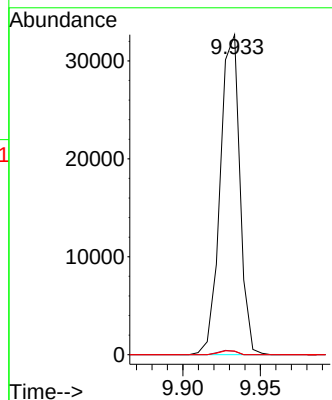
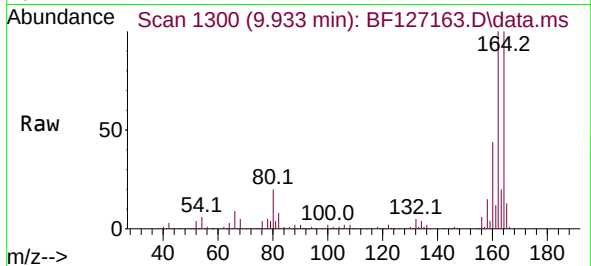




#51
2,6-Dinitrotoluene
Concen: 8.745 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127163.D
Acq: 03 Mar 2022 10:45

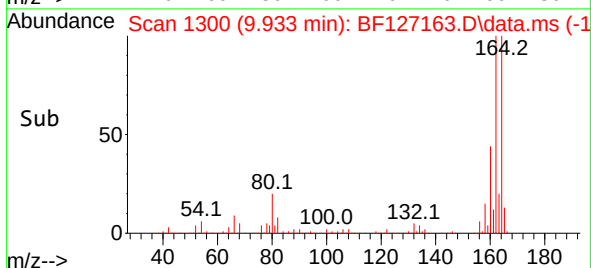
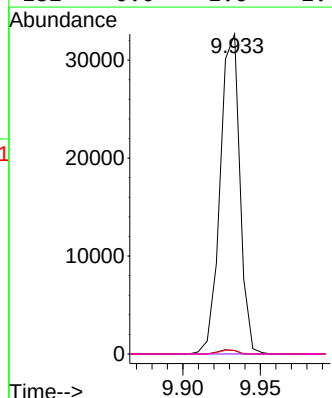
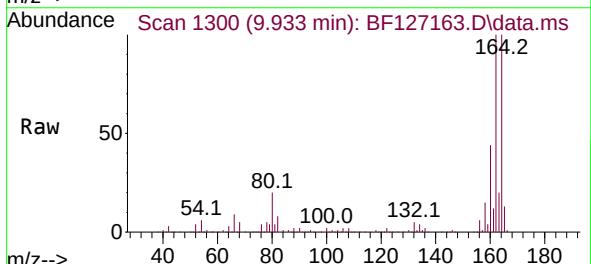
Instrument :
BNA_F
ClientSampleId :
PB143032BL

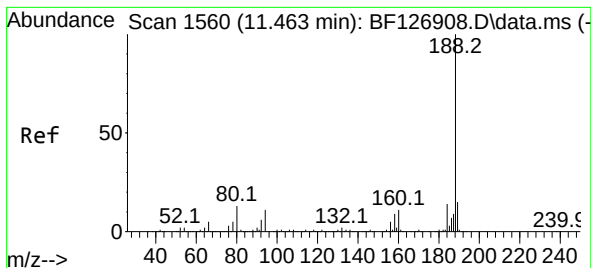
Tgt Ion:165 Resp: 28891
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.2 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.468 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.194 min
Lab File: BF127163.D
Acq: 03 Mar 2022 10:45

Tgt Ion:165 Resp: 28891
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 1.2 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127163.D

Acq: 03 Mar 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB143032BL

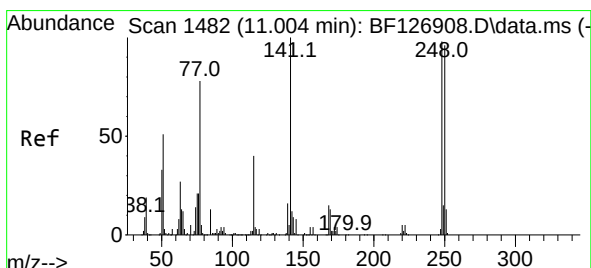
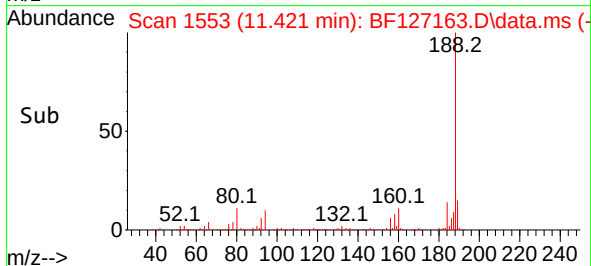
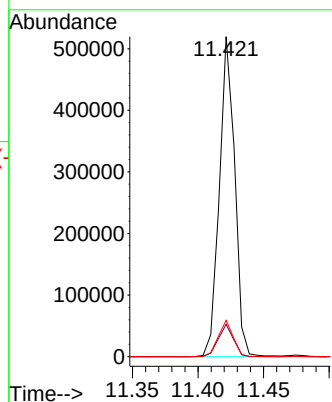
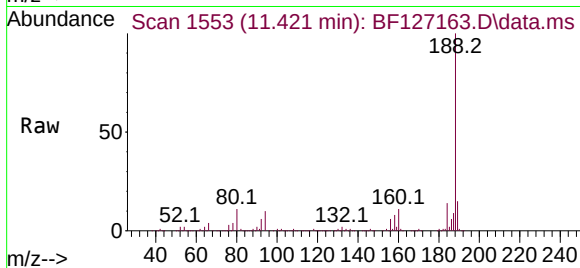
Tgt Ion:188 Resp: 422422

Ion Ratio Lower Upper

188 100

94 10.1 10.1 15.1

80 11.3 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 4.382 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.241 min

Lab File: BF127163.D

Acq: 03 Mar 2022 10:45

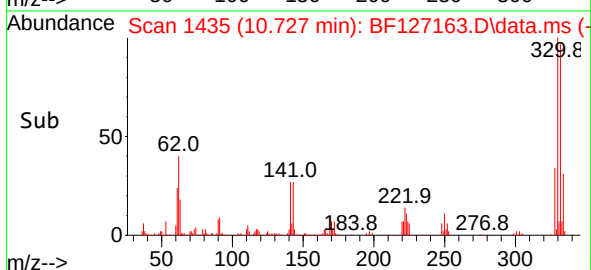
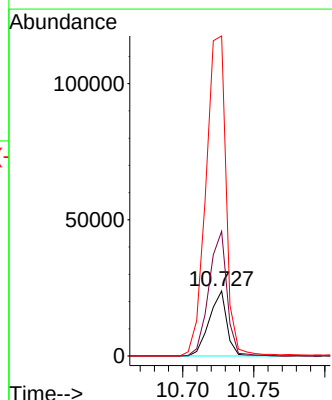
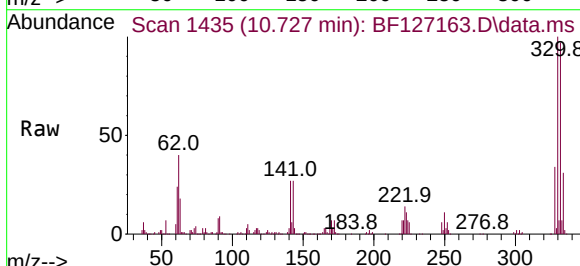
Tgt Ion:248 Resp: 20682

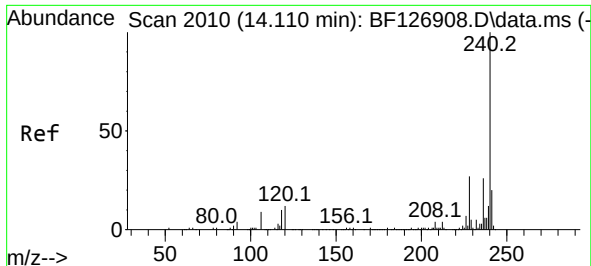
Ion Ratio Lower Upper

248 100

250 192.0 76.2 114.4#

141 492.7 66.2 99.4#

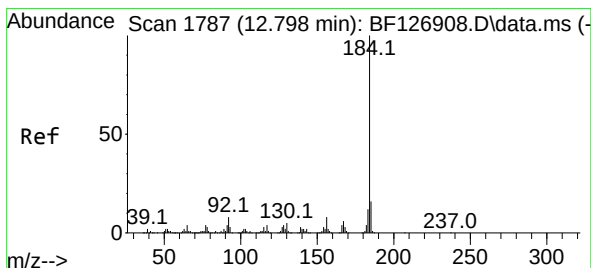
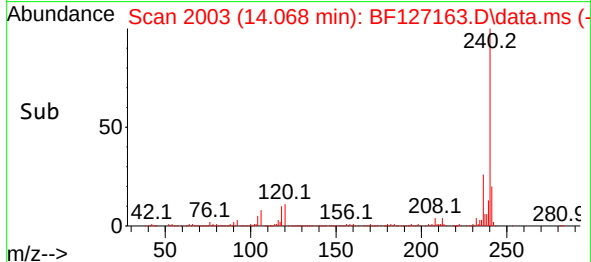
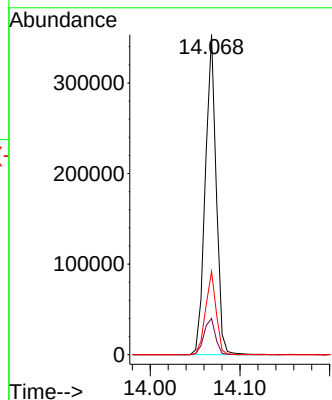
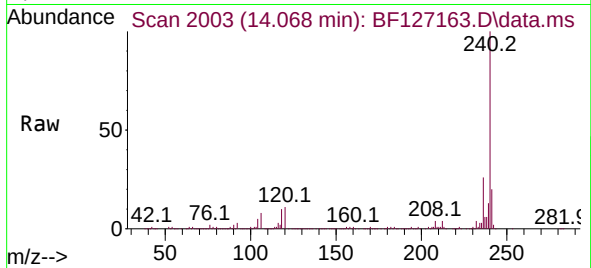




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127163.D
Acq: 03 Mar 2022 10:45

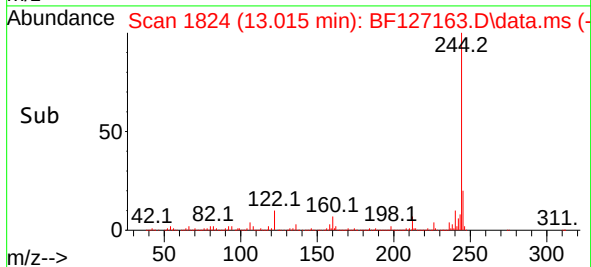
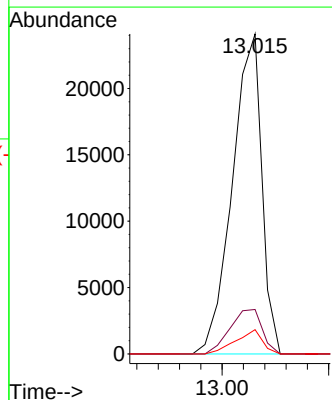
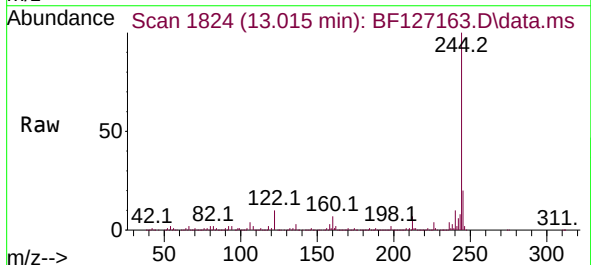
Instrument :
BNA_F
ClientSampleId :
PB143032BL

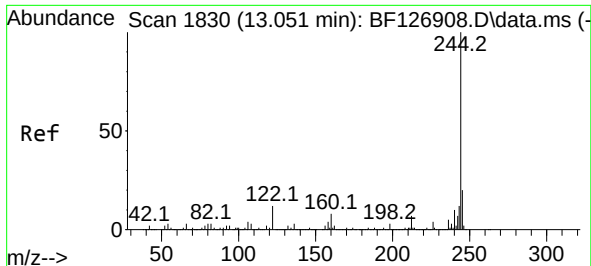
Tgt Ion:240 Resp: 298076
Ion Ratio Lower Upper
240 100
120 11.3 14.4 21.6#
236 26.0 20.5 30.7



#77
Benzidine
Concen: 2.858 ng
RT: 13.015 min Scan# 1824
Delta R.T. 0.253 min
Lab File: BF127163.D
Acq: 03 Mar 2022 10:45

Tgt Ion:184 Resp: 23147
Ion Ratio Lower Upper
184 100
185 13.9 11.8 17.8
183 7.6 8.2 12.2#

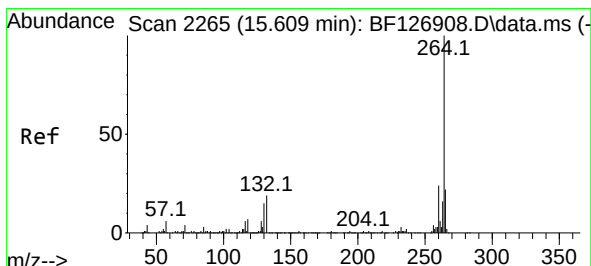
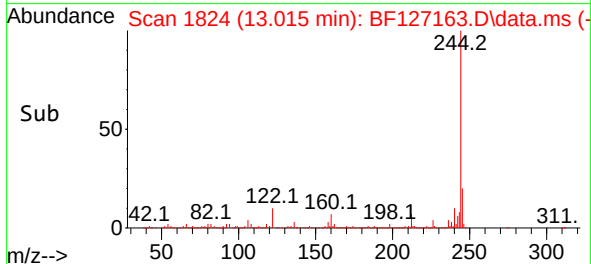
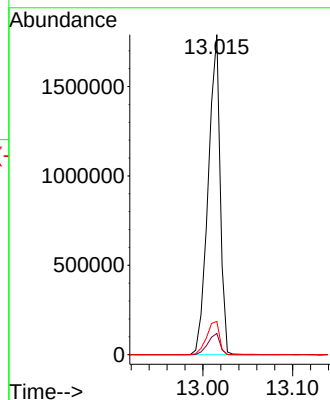
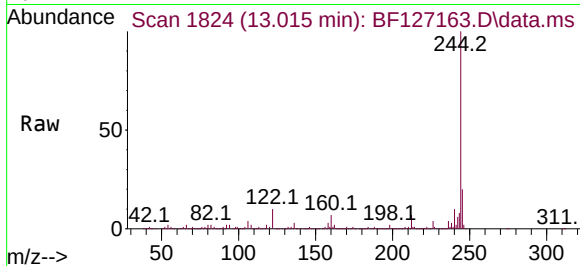




#79
 Terphenyl-d14
 Concen: 81.482 ng
 RT: 13.015 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127163.D
 Acq: 03 Mar 2022 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB143032BL

Tgt Ion:244 Resp: 1652189
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 10.4 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2257
 Delta R.T. -0.006 min
 Lab File: BF127163.D
 Acq: 03 Mar 2022 10:45

Tgt Ion:264 Resp: 201068
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 20.6 17.4 26.2

