

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127177.D
 Acq On : 03 Mar 2022 18:05
 Operator : CG\JU
 Sample : N1688-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

Quant Time: Mar 04 02:14:19 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)

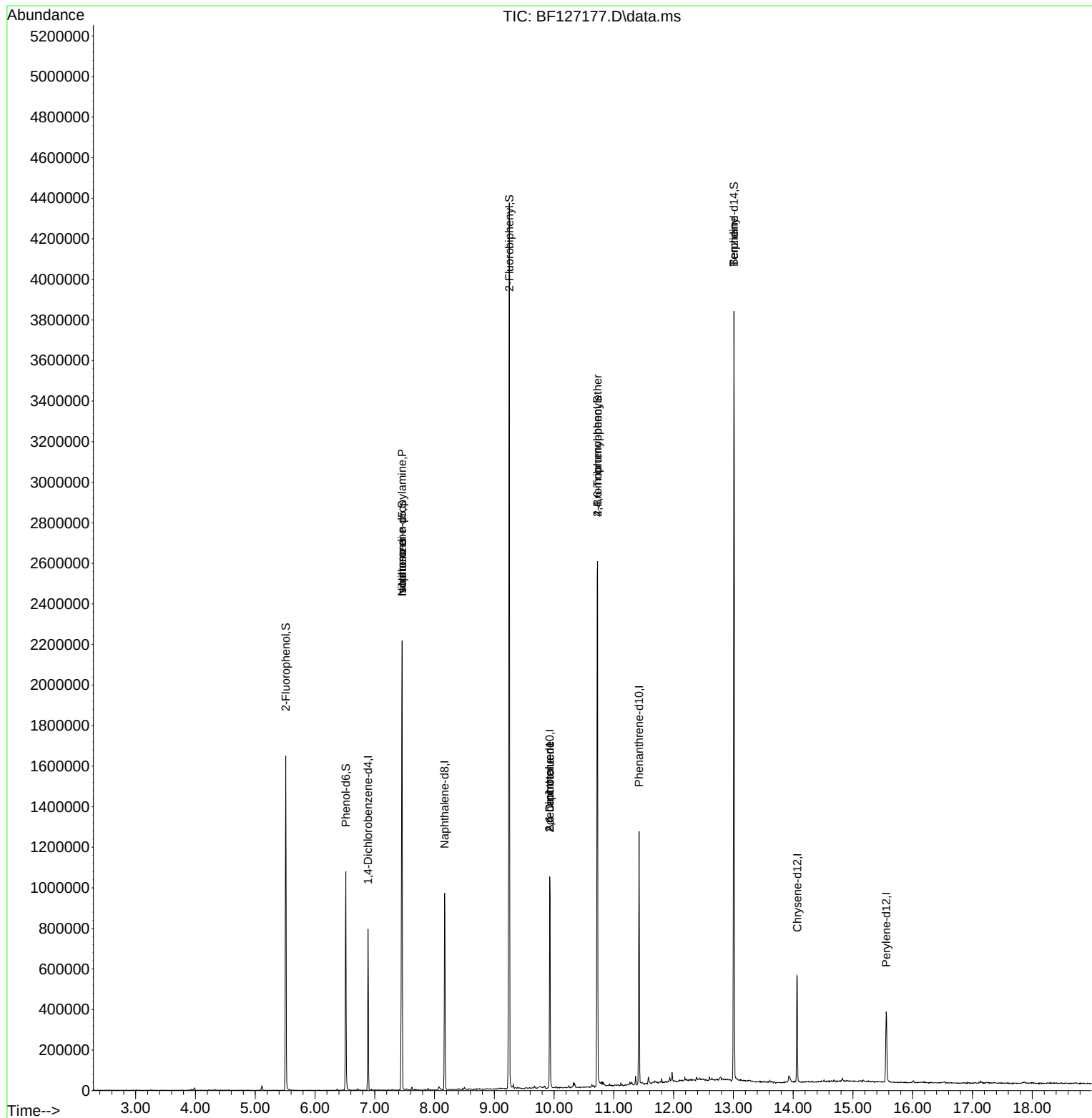
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	100932	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	417533	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	213695	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	386776	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	187358	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	152849	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	383034	58.654	ng	0.00
7) Phenol-d6	6.516	99	314332	35.672	ng	0.00
23) Nitrobenzene-d5	7.457	82	762314	82.410	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	343308	139.533	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1261158	86.882	ng	0.00
79) Terphenyl-d14	13.010	244	1345904	105.602	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	104439	18.393	ng	# 75
25) Isophorone	7.457	82	762305	49.802	ng	# 69
51) 2,6-Dinitrotoluene	9.927	165	26754	8.609	ng	# 22
57) 2,4-Dinitrotoluene	9.927	165	26754	6.367	ng	# 16
67) 4-Bromophenyl-phenylether	10.727	248	19608	4.537	ng	# 1
77) Benzidine	13.010	184	19866	3.902	ng	# 88

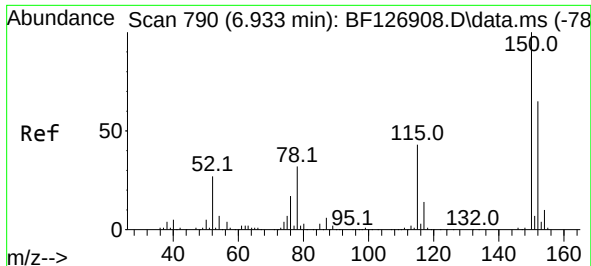
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

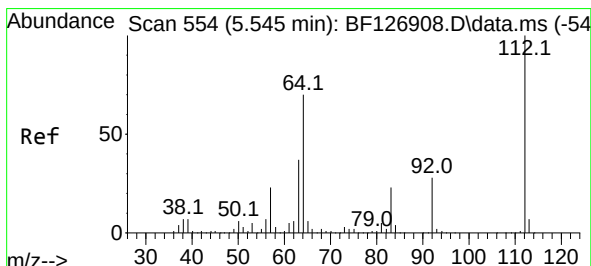
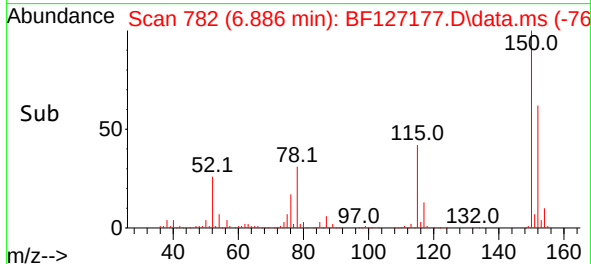
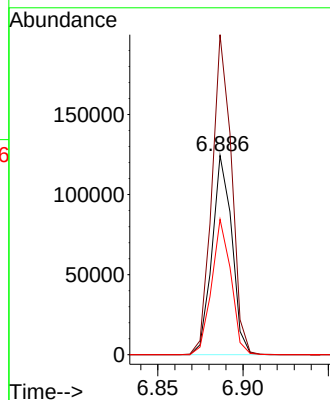
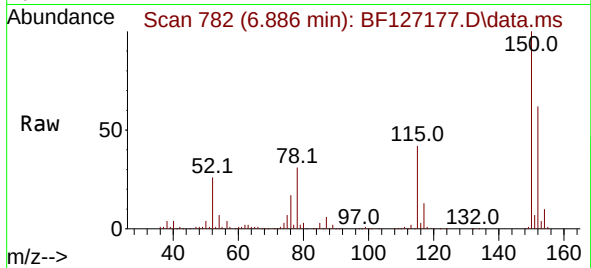




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 71
Delta R.T. -0.007 min
Lab File: BF127177.D
Acq: 03 Mar 2022 18:05

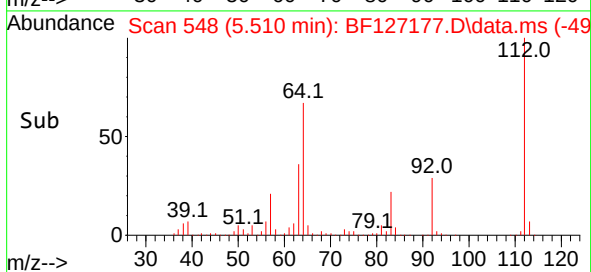
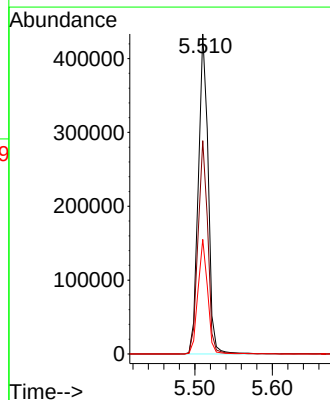
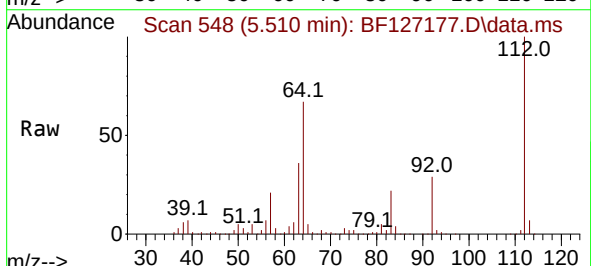
Instrument :
BNA_F
ClientSampleId :
MW-36

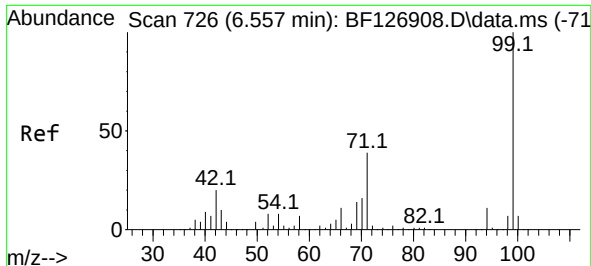
Tgt Ion:152 Resp: 100932
Ion Ratio Lower Upper
152 100
150 160.6 128.1 192.1
115 68.0 56.7 85.1



#5
2-Fluorophenol
Concen: 58.654 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF127177.D
Acq: 03 Mar 2022 18:05

Tgt Ion:112 Resp: 383034
Ion Ratio Lower Upper
112 100
64 66.6 49.5 74.3
63 35.8 23.9 35.9

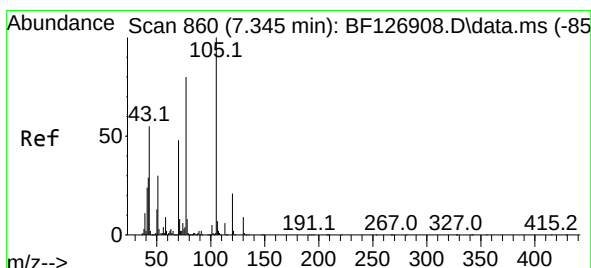
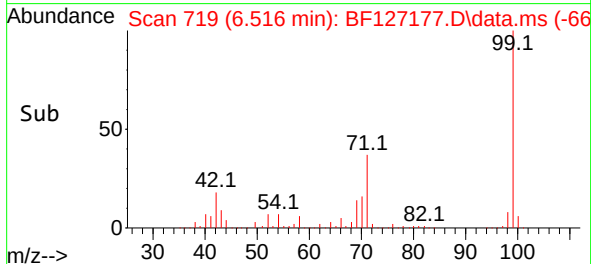
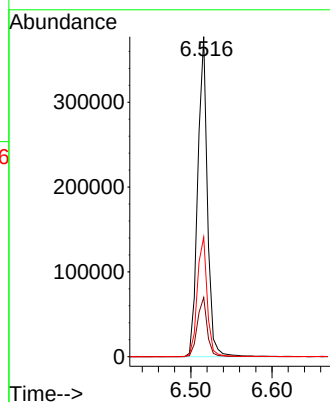
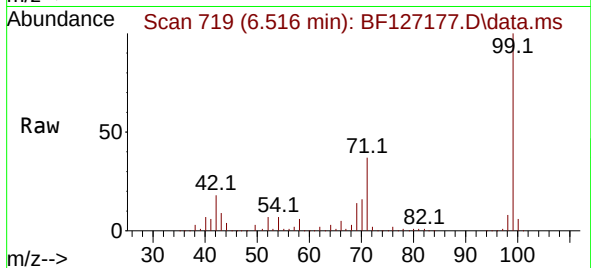




#7
Phenol-d6
Concen: 35.672 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127177.D
Acq: 03 Mar 2022 18:05

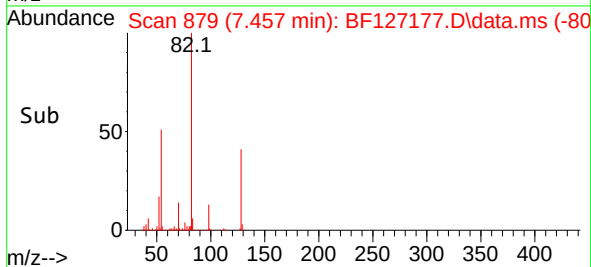
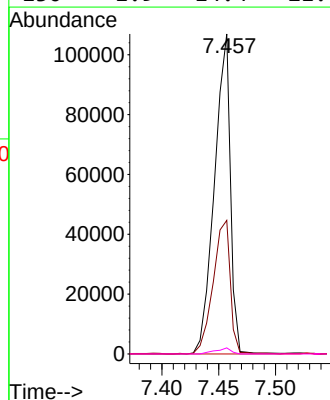
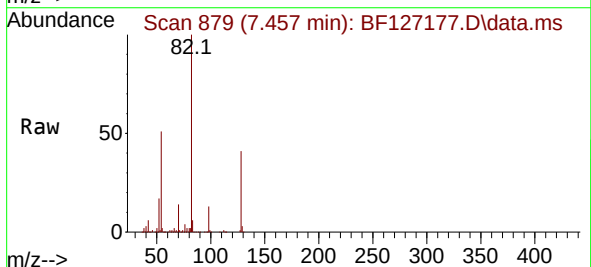
Instrument :
BNA_F
ClientSampleId :
MW-36

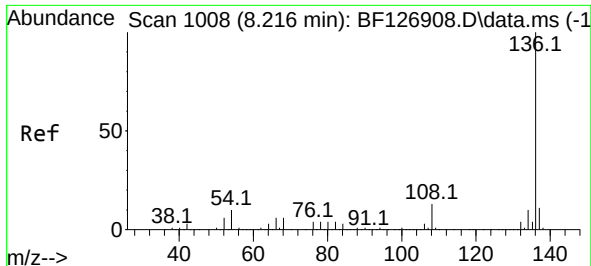
Tgt Ion: 99 Resp: 314332
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 37.3 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.393 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.153 min
Lab File: BF127177.D
Acq: 03 Mar 2022 18:05

Tgt Ion: 70 Resp: 104439
Ion Ratio Lower Upper
70 100
42 41.8 45.8 68.8#
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#

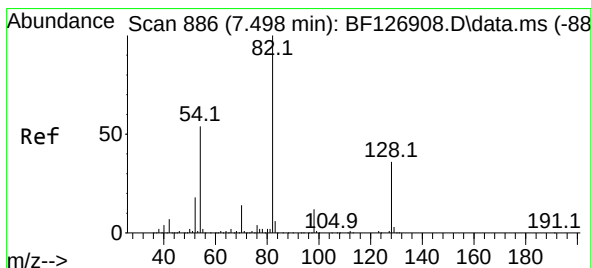
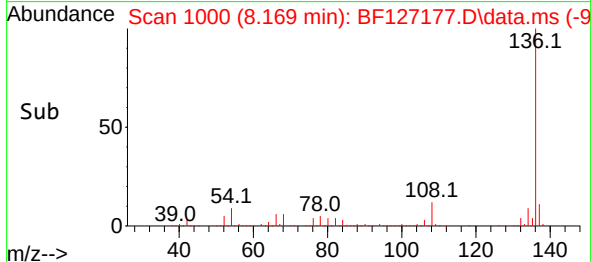
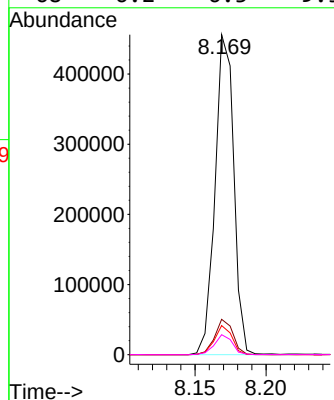
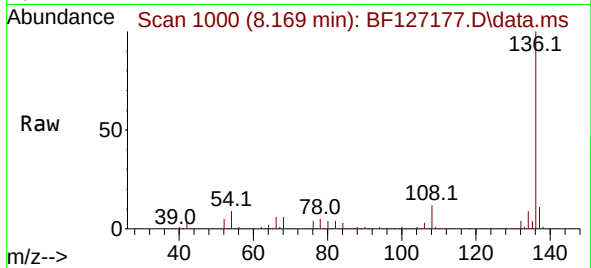




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF127177.D
Acq: 03 Mar 2022 18:05

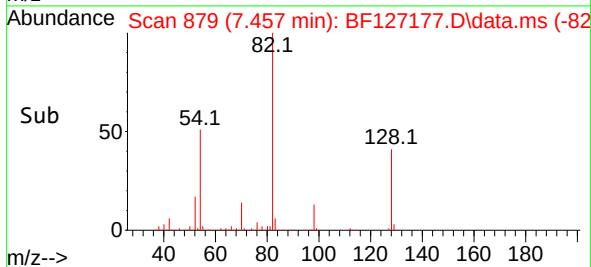
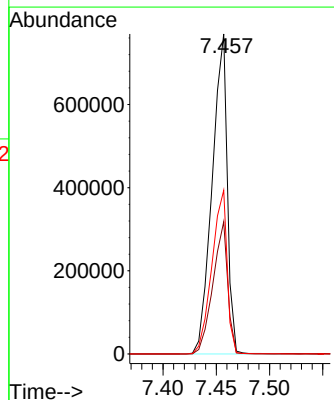
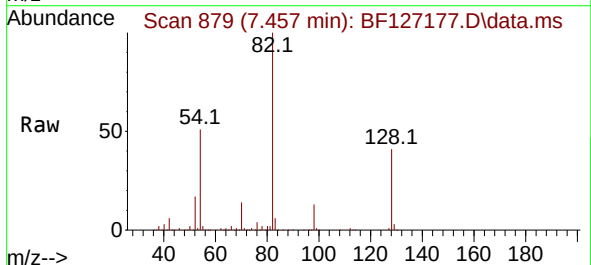
Instrument :
BNA_F
ClientSampleId :
MW-36

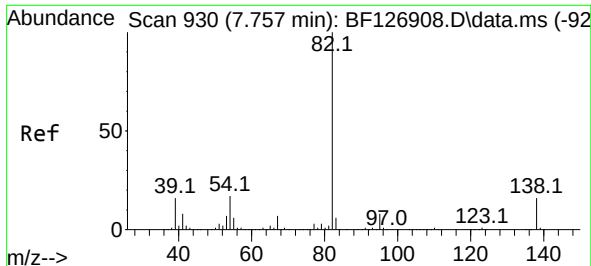
Tgt Ion:136 Resp: 417533
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.1 7.8 11.6
68 6.2 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 82.410 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127177.D
Acq: 03 Mar 2022 18:05

Tgt Ion: 82 Resp: 762314
Ion Ratio Lower Upper
82 100
128 41.3 32.7 49.1
54 51.1 41.7 62.5

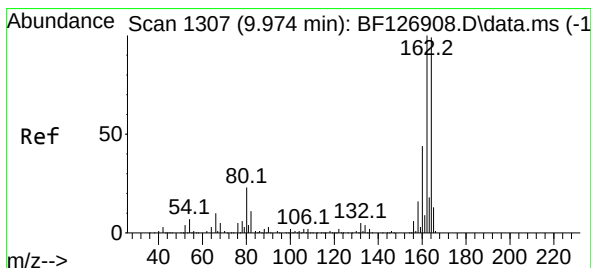
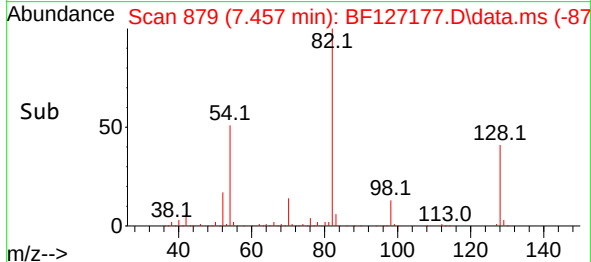
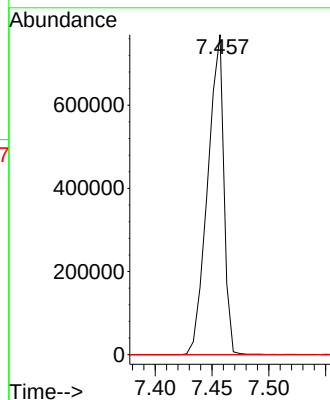
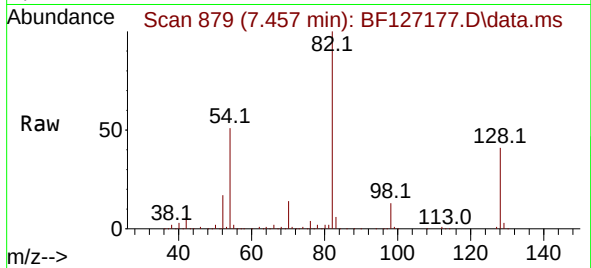




#25
Isophorone
Concen: 49.802 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127177.D
Acq: 03 Mar 2022 18:05

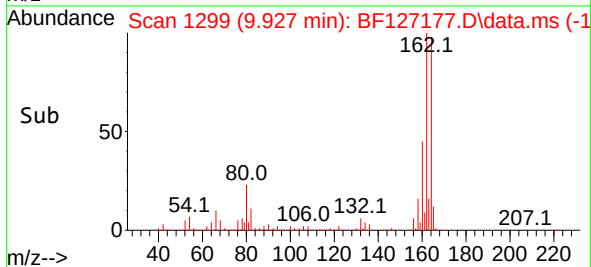
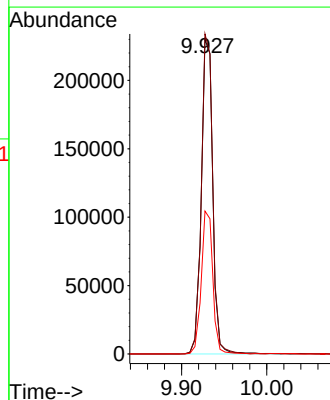
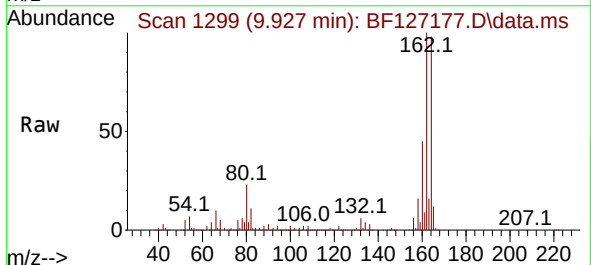
Instrument :
BNA_F
ClientSampleId :
MW-36

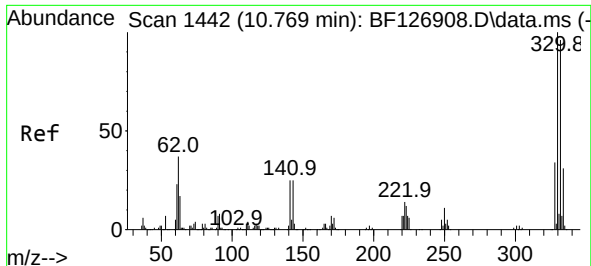
Tgt Ion: 82 Resp: 762305
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF127177.D
Acq: 03 Mar 2022 18:05

Tgt Ion:164 Resp: 213695
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 45.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 139.533 ng

RT: 10.727 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127177.D

Acq: 03 Mar 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MW-36

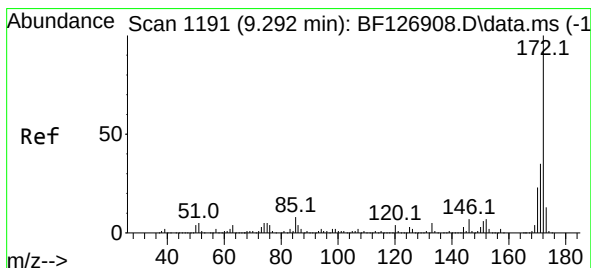
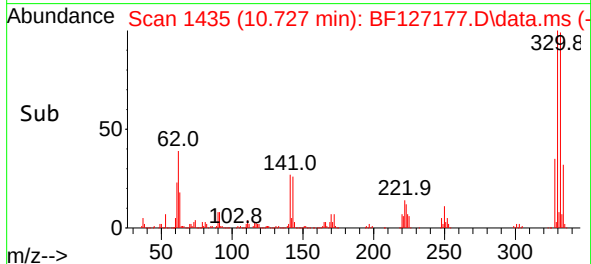
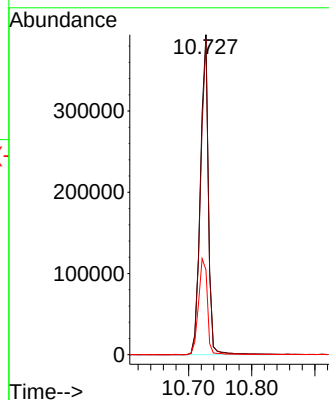
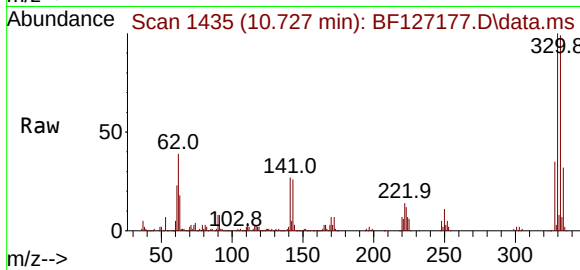
Tgt Ion:330 Resp: 343308

Ion Ratio Lower Upper

330 100

332 97.3 76.0 114.0

141 33.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 86.882 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF127177.D

Acq: 03 Mar 2022 18:05

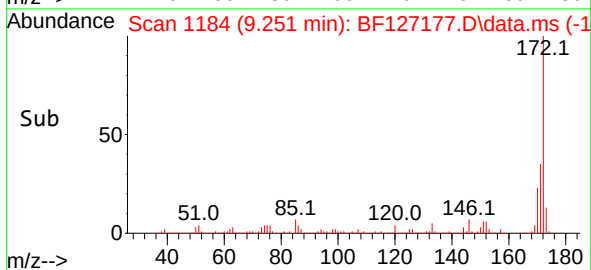
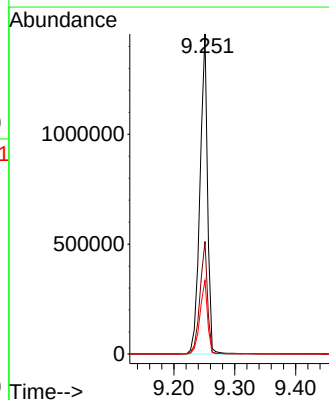
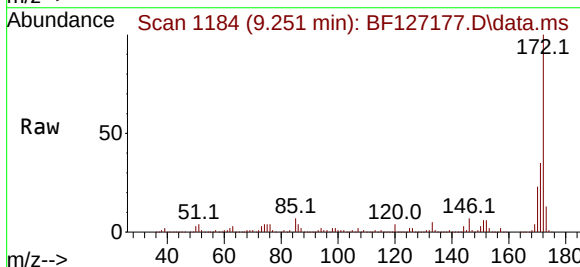
Tgt Ion:172 Resp: 1261158

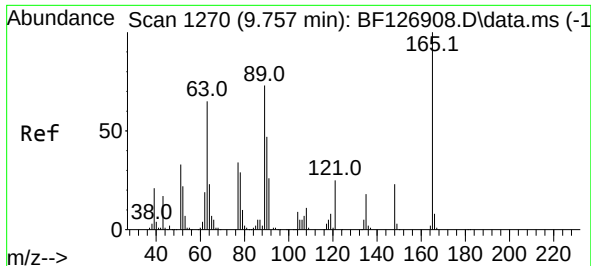
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.0 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.609 ng

RT: 9.927 min Scan# 1299

Delta R.T. 0.206 min

Lab File: BF127177.D

Acq: 03 Mar 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MW-36

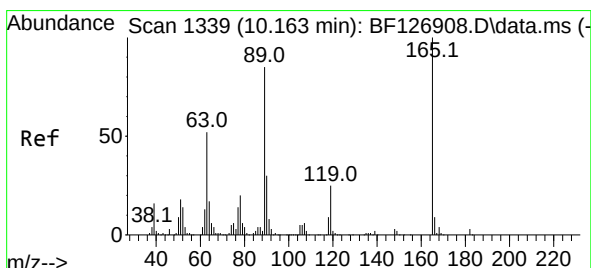
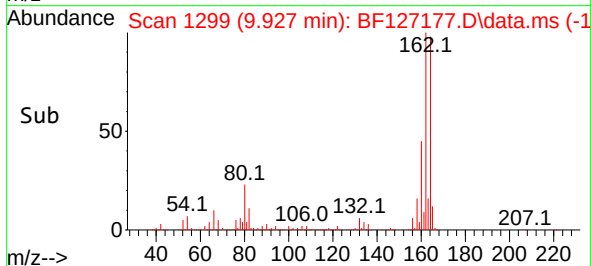
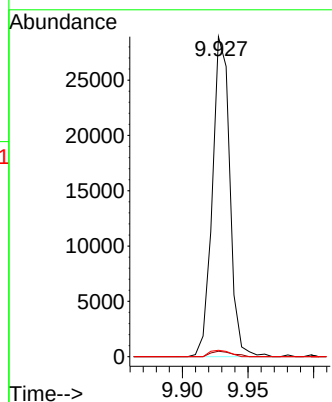
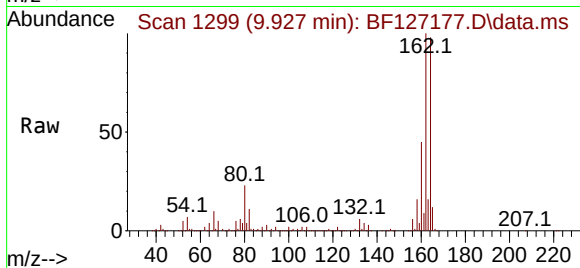
Tgt Ion:165 Resp: 26754

Ion Ratio Lower Upper

165 100

63 1.7 48.4 72.6#

89 2.0 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.367 ng

RT: 9.927 min Scan# 1299

Delta R.T. -0.200 min

Lab File: BF127177.D

Acq: 03 Mar 2022 18:05

Tgt Ion:165 Resp: 26754

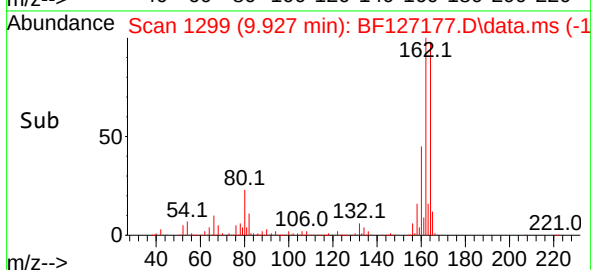
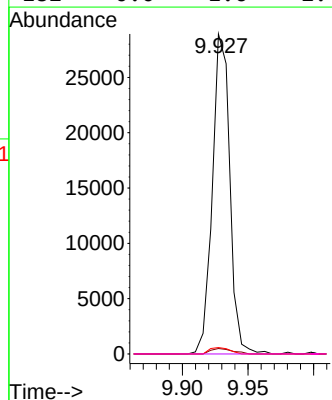
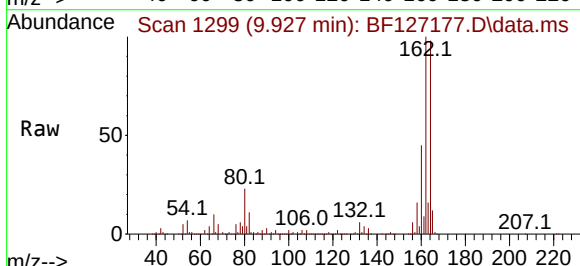
Ion Ratio Lower Upper

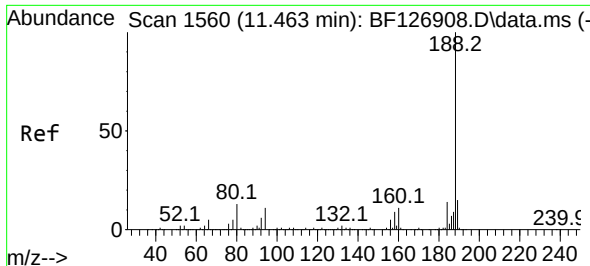
165 100

63 1.7 43.0 64.6#

89 2.0 71.0 106.4#

182 0.0 1.6 2.4#

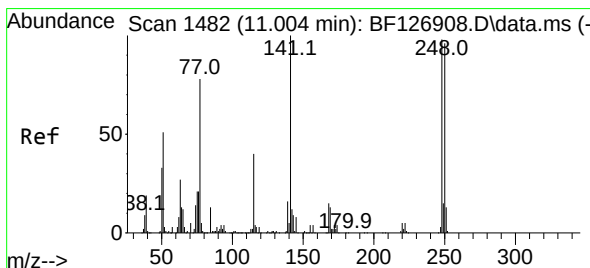
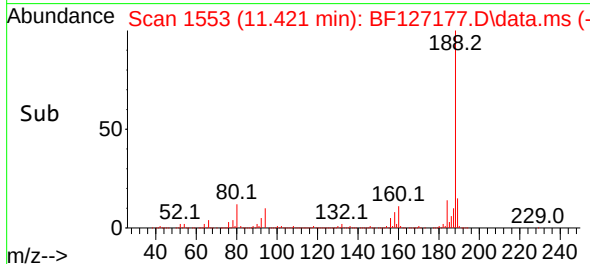
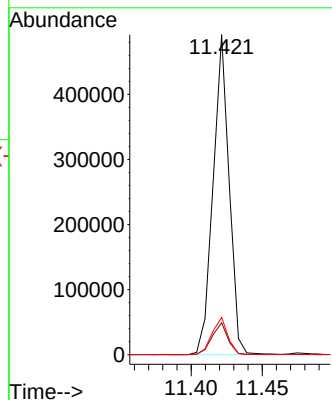
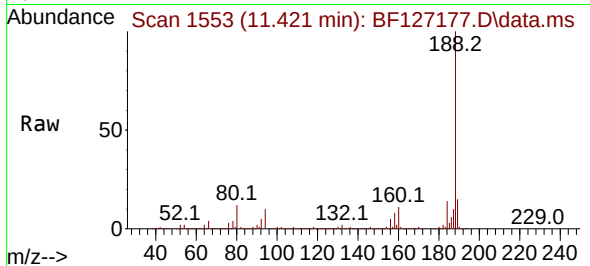




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127177.D
Acq: 03 Mar 2022 18:05

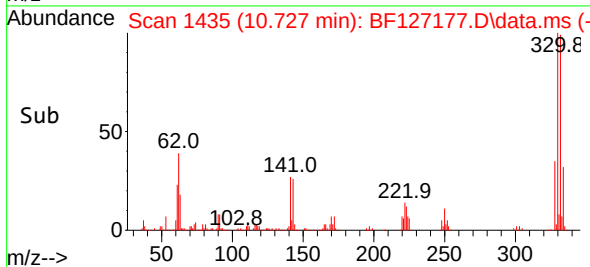
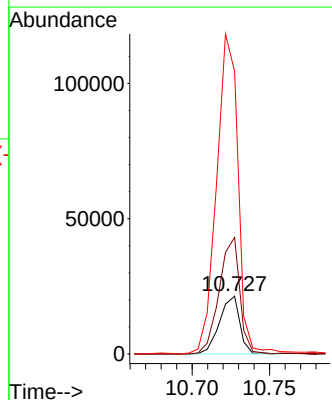
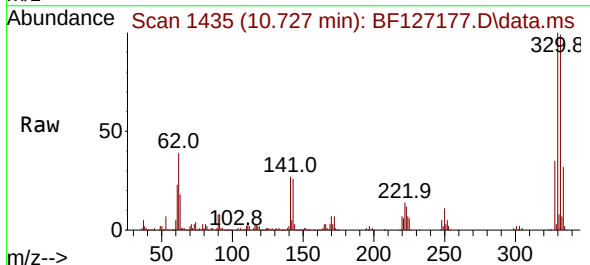
Instrument :
BNA_F
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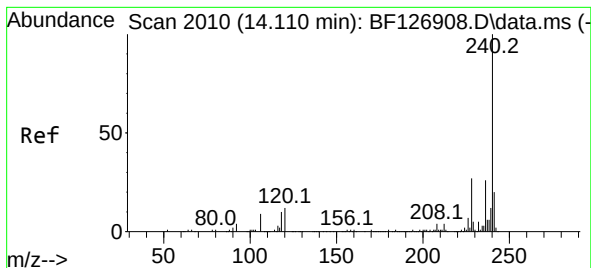
Tgt Ion:188 Resp: 386776
Ion Ratio Lower Upper
188 100
94 9.9 10.1 15.1#
80 11.6 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.537 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF127177.D
Acq: 03 Mar 2022 18:05

Tgt Ion:248 Resp: 19608
Ion Ratio Lower Upper
248 100
250 201.8 76.2 114.4#
141 488.9 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127177.D

Acq: 03 Mar 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MW-36

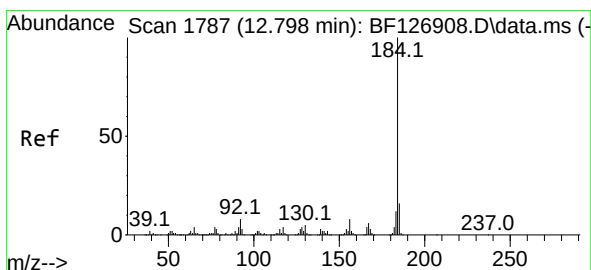
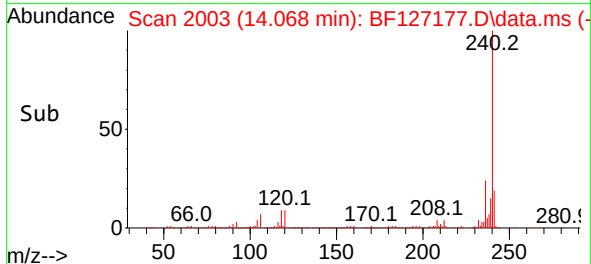
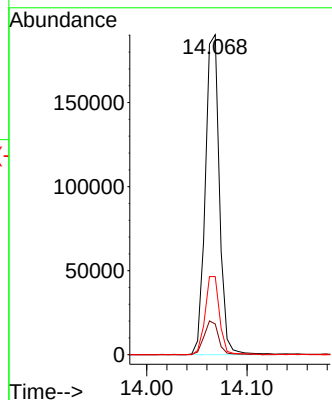
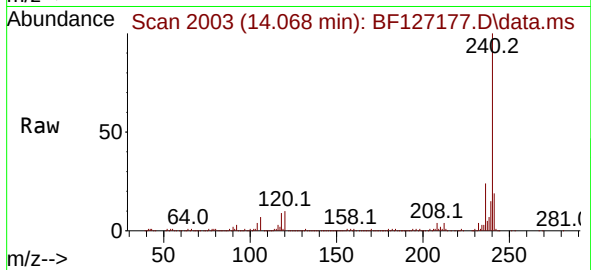
Tgt Ion:240 Resp: 187358

Ion Ratio Lower Upper

240 100

120 9.6 14.4 21.6#

236 24.4 20.5 30.7



#77

Benzidine

Concen: 3.902 ng

RT: 13.010 min Scan# 1823

Delta R.T. 0.247 min

Lab File: BF127177.D

Acq: 03 Mar 2022 18:05

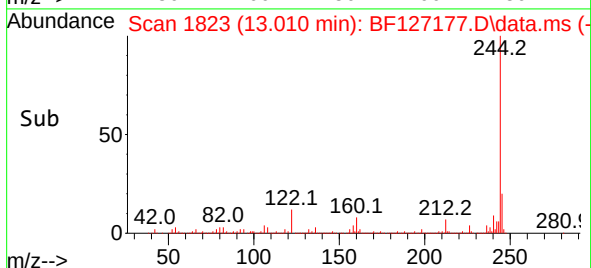
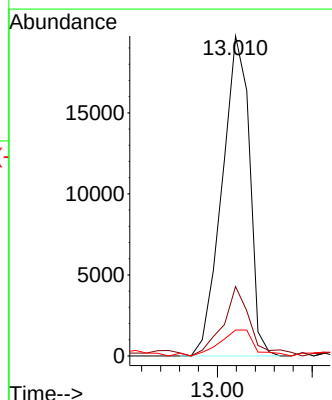
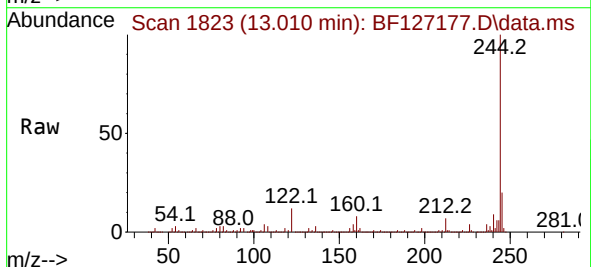
Tgt Ion:184 Resp: 19866

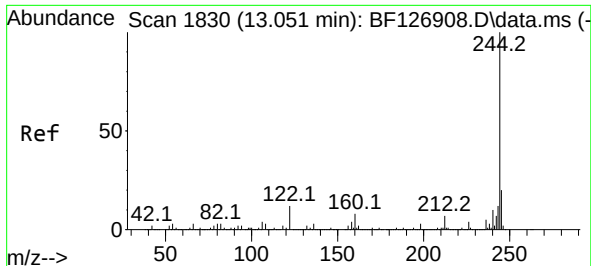
Ion Ratio Lower Upper

184 100

185 21.7 11.8 17.8#

183 8.1 8.2 12.2#

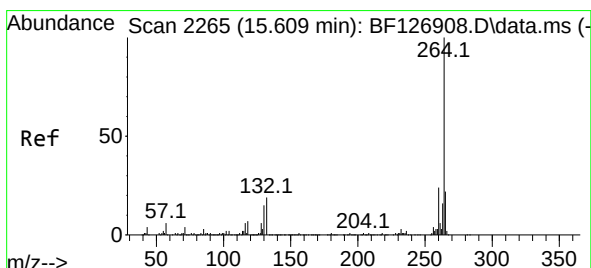
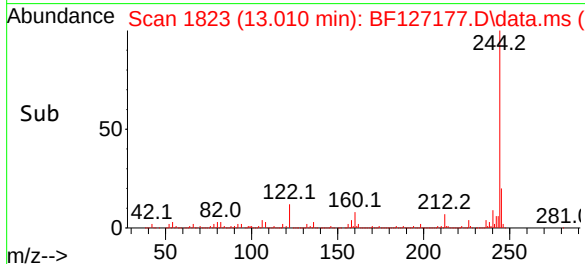
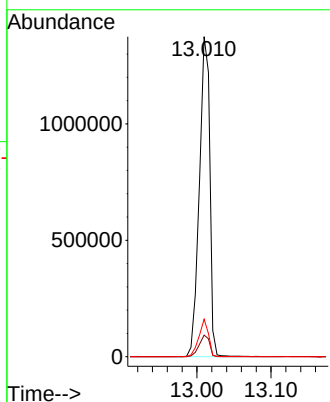
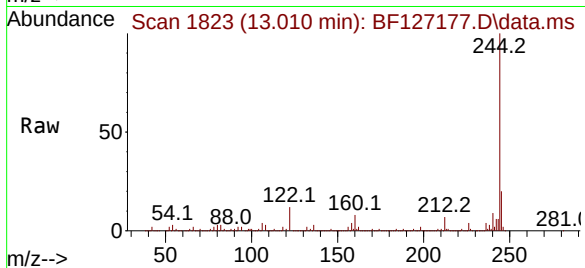




#79
 Terphenyl-d14
 Concen: 105.602 ng
 RT: 13.010 min Scan# 1830
 Delta R.T. -0.006 min
 Lab File: BF127177.D
 Acq: 03 Mar 2022 18:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

Tgt Ion:244 Resp: 1345904
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 11.7 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2256
 Delta R.T. -0.012 min
 Lab File: BF127177.D
 Acq: 03 Mar 2022 18:05

Tgt Ion:264 Resp: 152849
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.6 17.4 26.2

