

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127082.D
 Acq On : 25 Feb 2022 20:34
 Operator : CG\JU
 Sample : N1662-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-01-0224

Quant Time: Feb 26 01:40:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

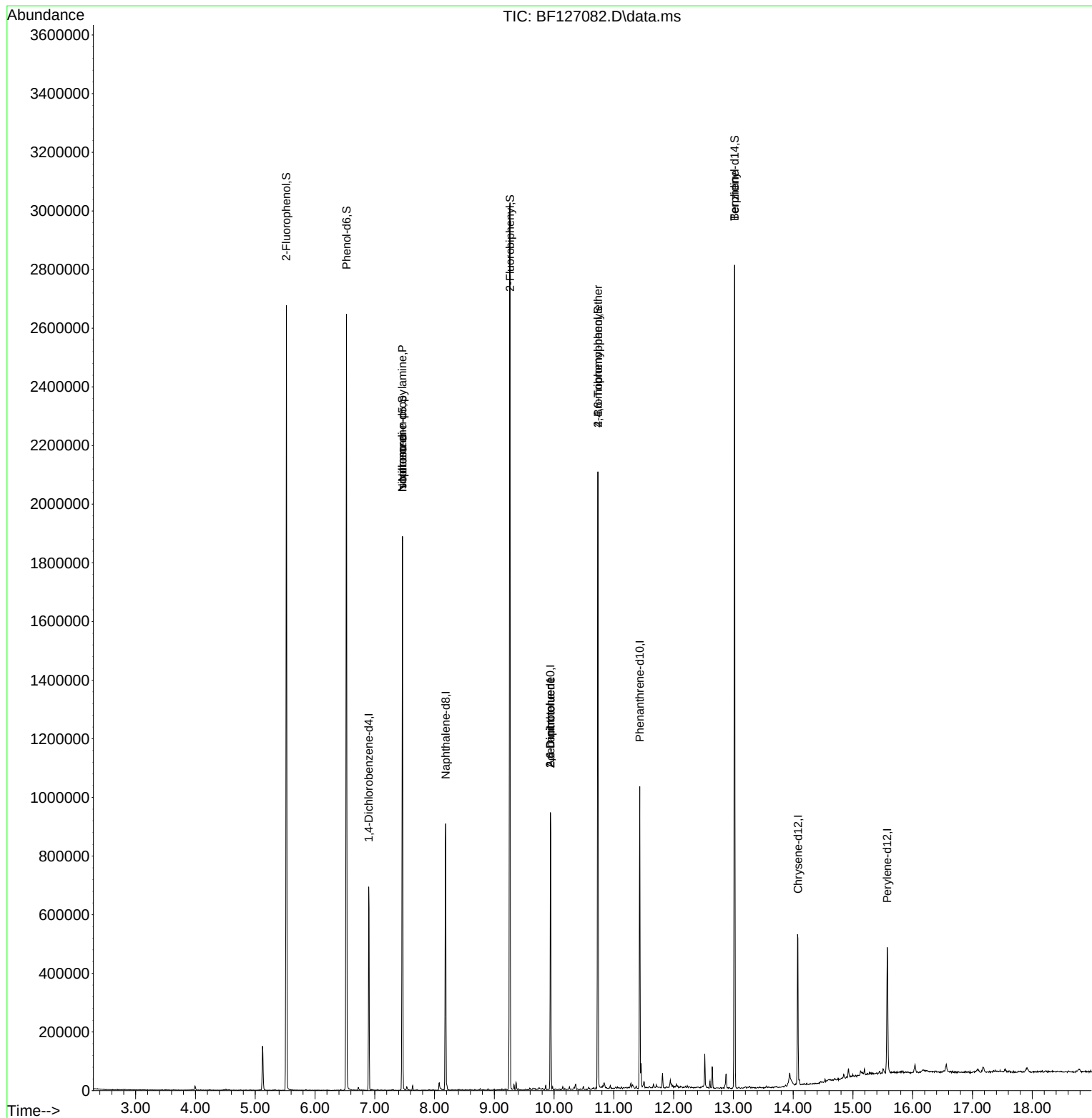
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	94363	20.000	ng	-0.01
21) Naphthalene-d8	8.186	136	384535	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	189091	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	320929	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	164491	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	180036	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	622692	101.991	ng	0.00
7) Phenol-d6	6.528	99	817999	99.292	ng	-0.01
23) Nitrobenzene-d5	7.463	82	575857	67.595	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	220442	101.254	ng	-0.01
45) 2-Fluorobiphenyl	9.263	172	928858	72.316	ng	0.00
79) Terphenyl-d14	13.021	244	876579	78.339	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	78372	14.763	ng	# 80
25) Isophorone	7.463	82	573949	40.714	ng	# 69
51) 2,6-Dinitrotoluene	9.939	165	24095	8.762	ng	# 22
57) 2,4-Dinitrotoluene	9.939	165	24095	6.481	ng	# 16
67) 4-Bromophenyl-phenylether	10.733	248	13047	3.639	ng	# 1
77) Benzidine	13.021	184	13717	3.069	ng	# 95

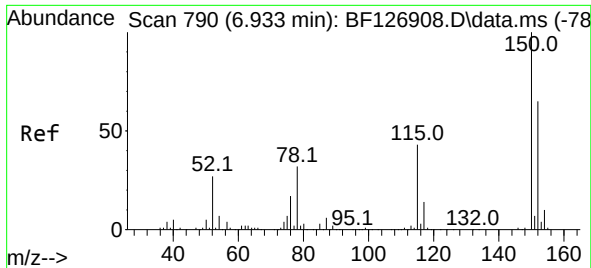
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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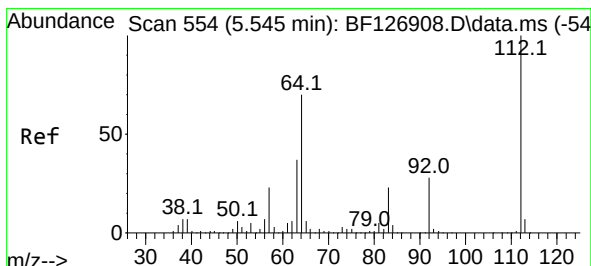
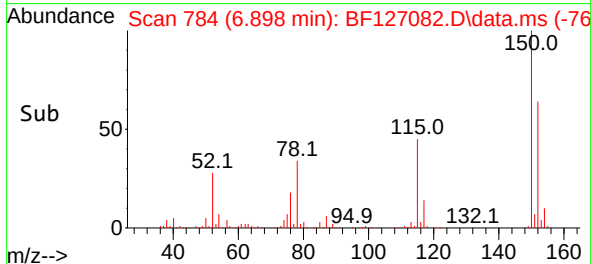
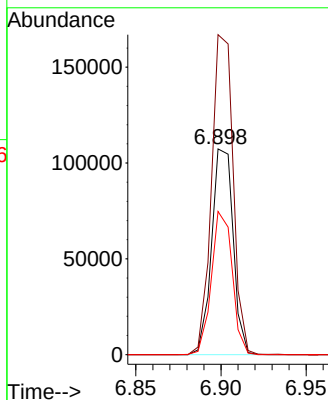
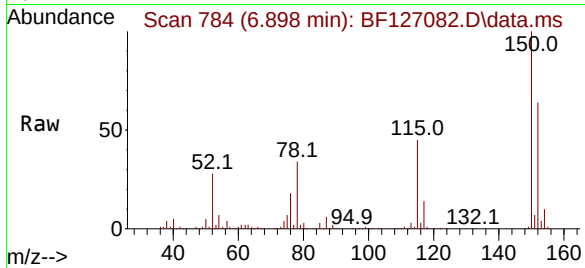




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127082.D
Acq: 25 Feb 2022 20:34

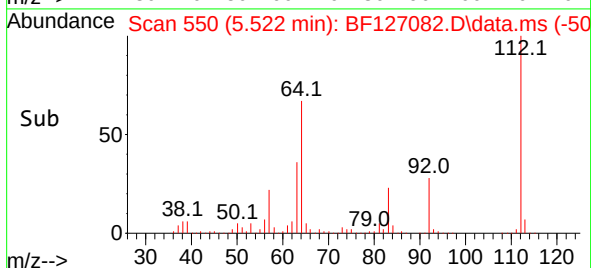
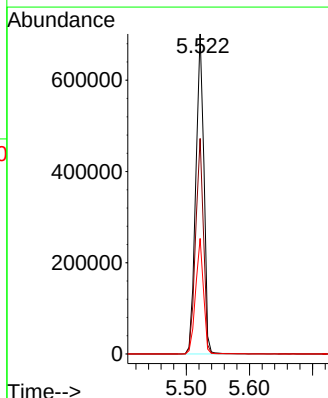
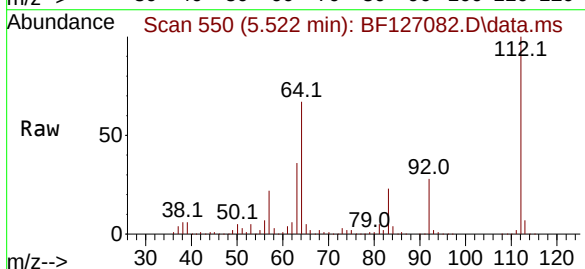
Instrument :
BNA_F
ClientSampleId :
POST-EX-01-0224

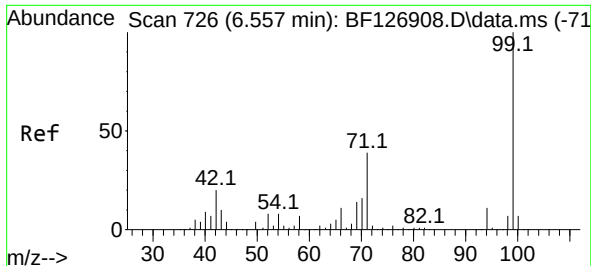
Tgt Ion:152 Resp: 94363
Ion Ratio Lower Upper
152 100
150 155.5 128.1 192.1
115 69.6 56.7 85.1



#5
2-Fluorophenol
Concen: 101.991 ng
RT: 5.522 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF127082.D
Acq: 25 Feb 2022 20:34

Tgt Ion:112 Resp: 622692
Ion Ratio Lower Upper
112 100
64 67.4 49.5 74.3
63 36.1 23.9 35.9#

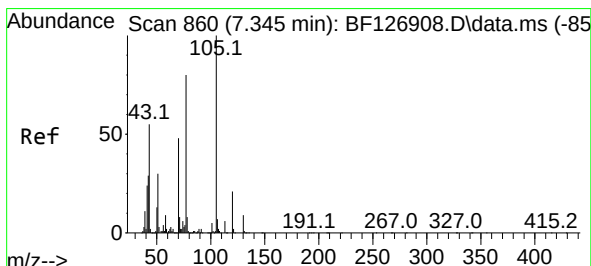
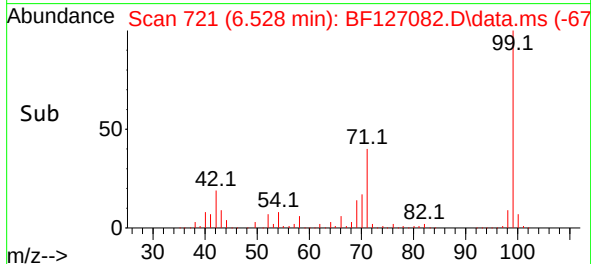
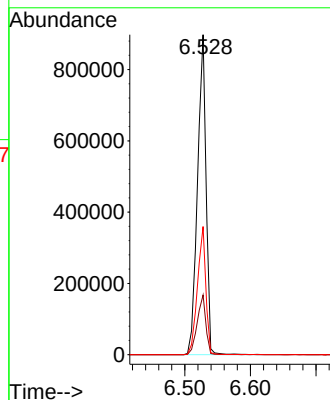
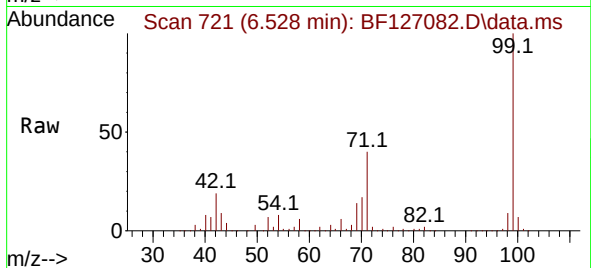




#7
Phenol-d6
Concen: 99.292 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127082.D
Acq: 25 Feb 2022 20:34

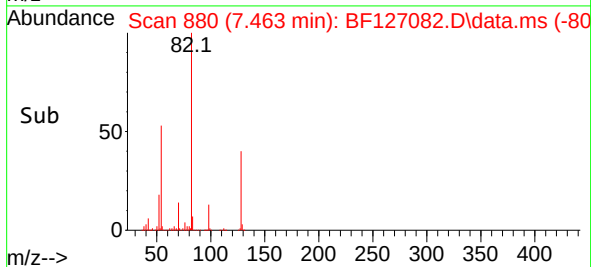
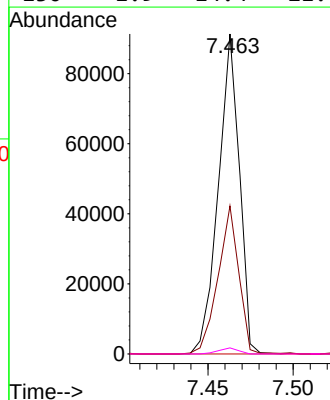
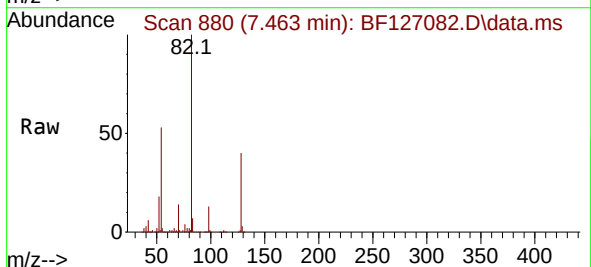
Instrument :
BNA_F
ClientSampleId :
POST-EX-01-0224

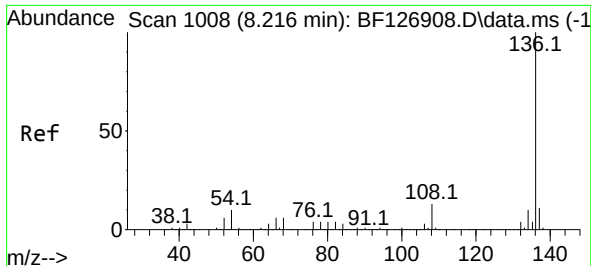
Tgt Ion: 99 Resp: 817999
Ion Ratio Lower Upper
99 100
42 18.7 14.2 21.4
71 40.0 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 14.763 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.141 min
Lab File: BF127082.D
Acq: 25 Feb 2022 20:34

Tgt Ion: 70 Resp: 78372
Ion Ratio Lower Upper
70 100
42 46.3 45.8 68.8
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#

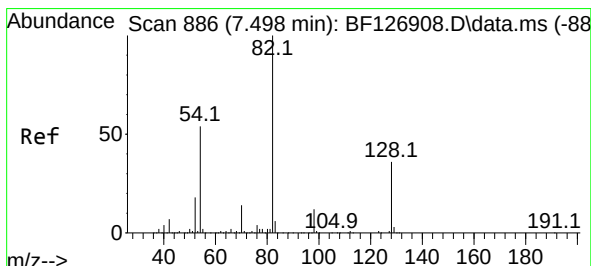
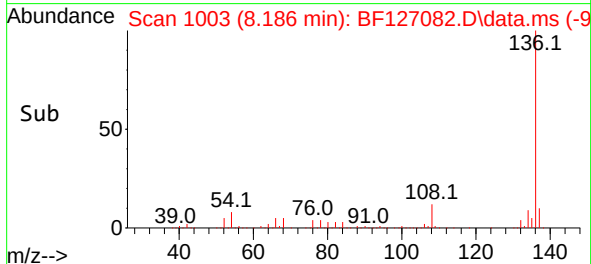
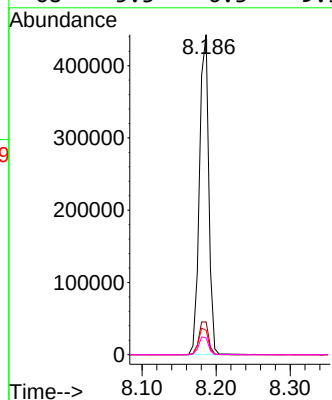
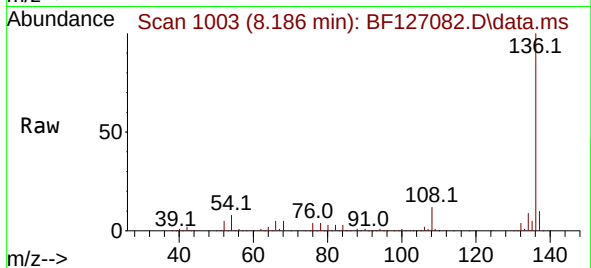




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127082.D
Acq: 25 Feb 2022 20:34

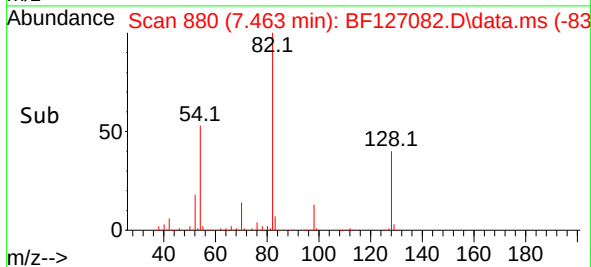
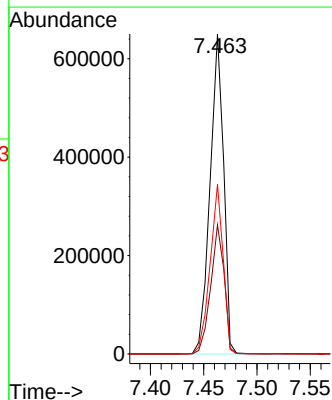
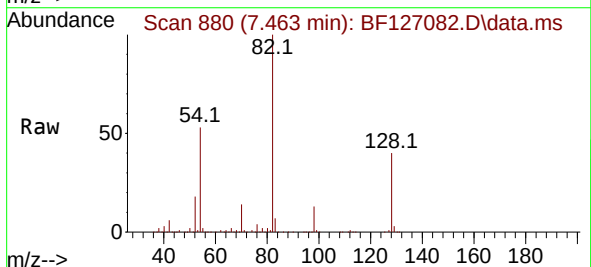
Instrument :
BNA_F
ClientSampleId :
POST-EX-01-0224

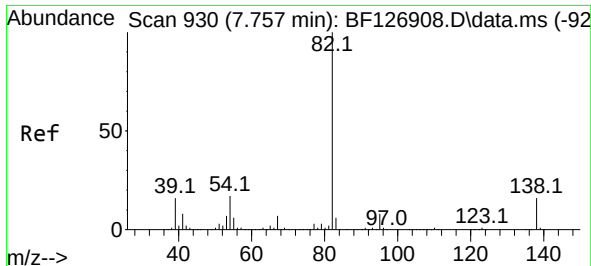
Tgt Ion:136 Resp: 384535
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 7.7 7.8 11.6#
68 5.3 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 67.595 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127082.D
Acq: 25 Feb 2022 20:34

Tgt Ion: 82 Resp: 575857
Ion Ratio Lower Upper
82 100
128 40.4 32.7 49.1
54 53.0 41.7 62.5

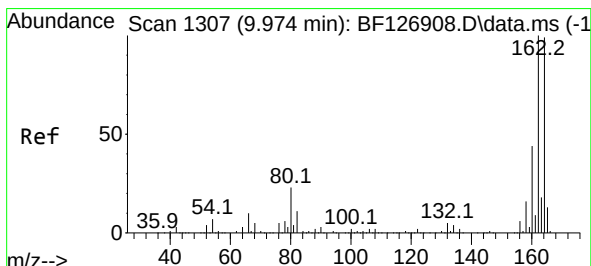
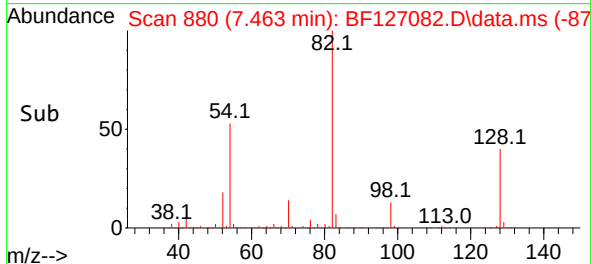
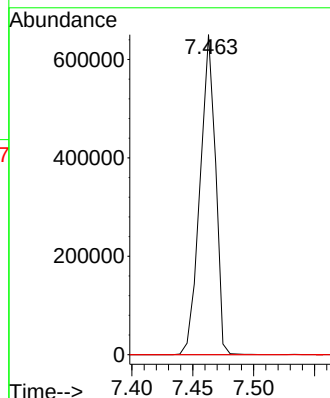
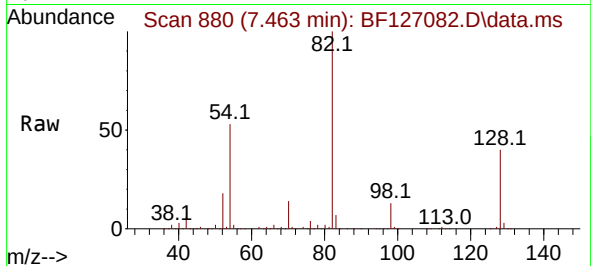




#25
Isophorone
Concen: 40.714 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF127082.D
Acq: 25 Feb 2022 20:34

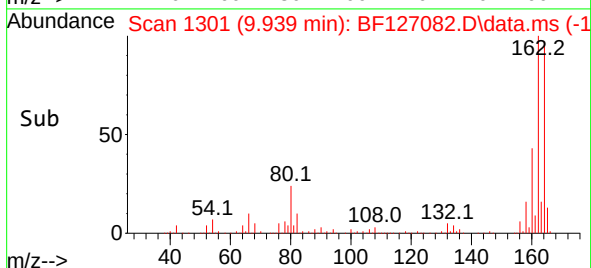
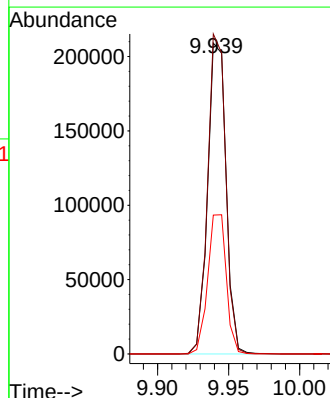
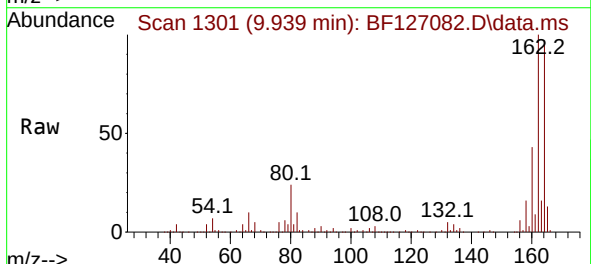
Instrument :
BNA_F
ClientSampleId :
POST-EX-01-0224

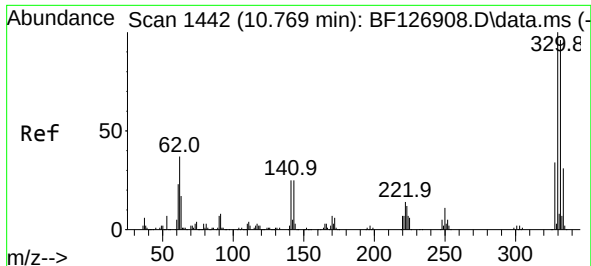
Tgt Ion: 82 Resp: 573949
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127082.D
Acq: 25 Feb 2022 20:34

Tgt Ion:164 Resp: 189091
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 44.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 101.254 ng

RT: 10.733 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF127082.D

Acq: 25 Feb 2022 20:34

Instrument :

BNA_F

ClientSampleId :

POST-EX-01-0224

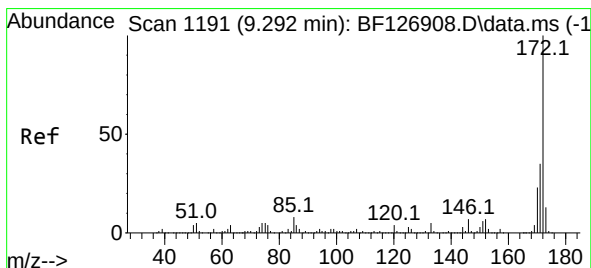
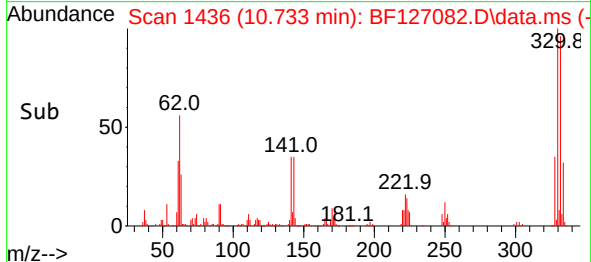
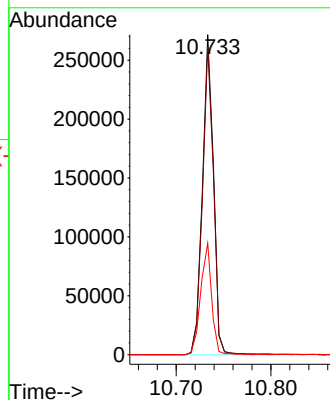
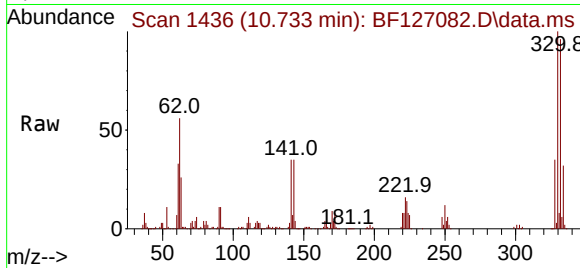
Tgt Ion:330 Resp: 220442

Ion Ratio Lower Upper

330 100

332 95.6 76.0 114.0

141 34.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 72.316 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF127082.D

Acq: 25 Feb 2022 20:34

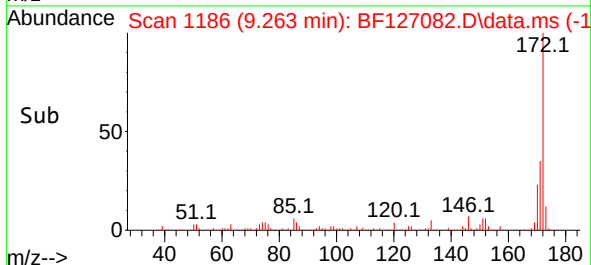
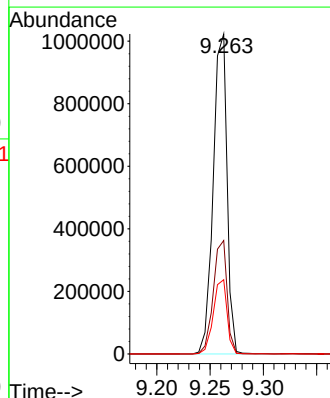
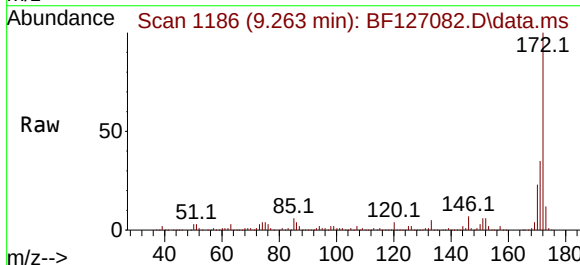
Tgt Ion:172 Resp: 928858

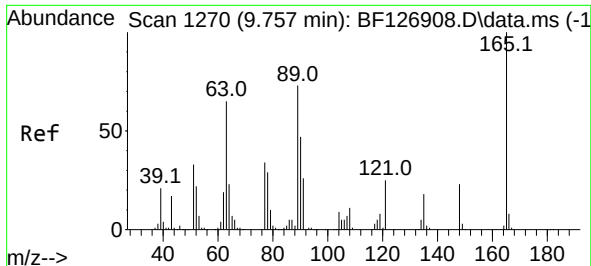
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.2 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.762 ng

RT: 9.939 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF127082.D

Acq: 25 Feb 2022 20:34

Instrument :

BNA_F

ClientSampleId :

POST-EX-01-0224

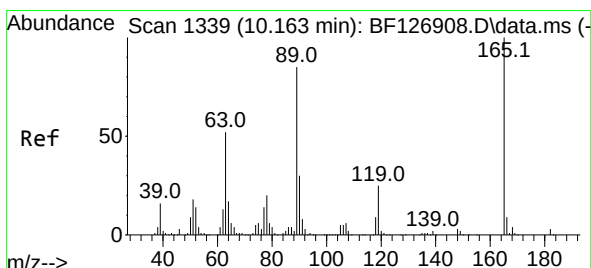
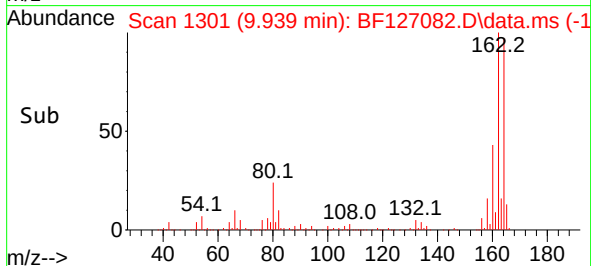
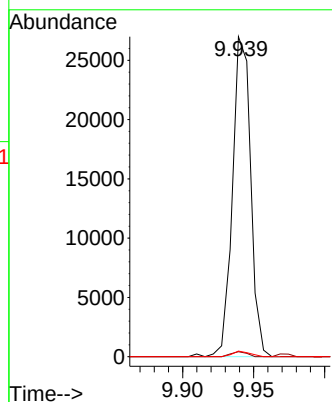
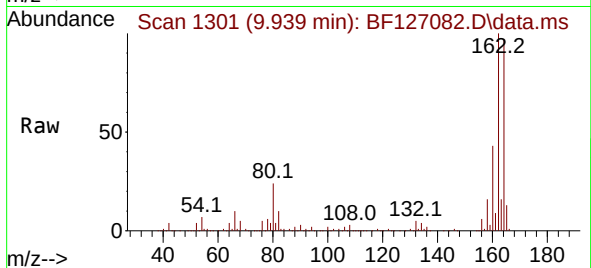
Tgt Ion:165 Resp: 24095

Ion Ratio Lower Upper

165 100

63 1.5 48.4 72.6#

89 1.8 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.481 ng

RT: 9.939 min Scan# 1301

Delta R.T. -0.200 min

Lab File: BF127082.D

Acq: 25 Feb 2022 20:34

Tgt Ion:165 Resp: 24095

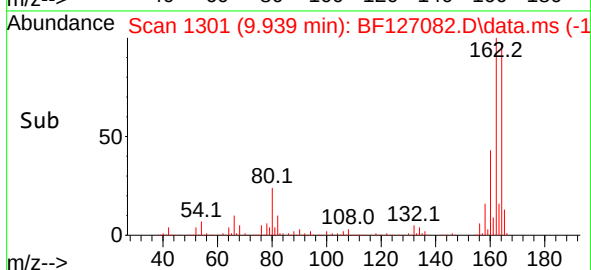
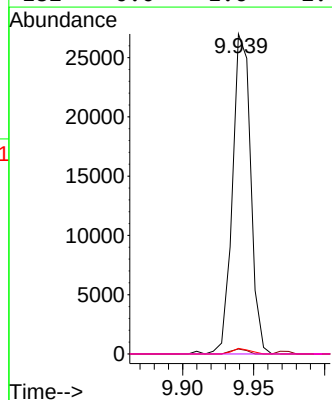
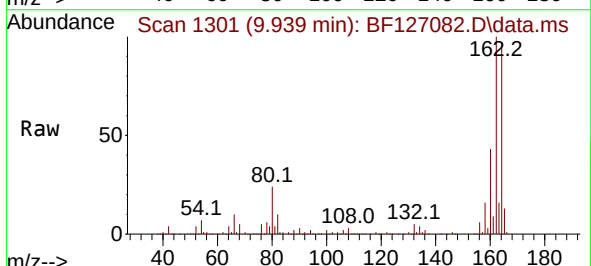
Ion Ratio Lower Upper

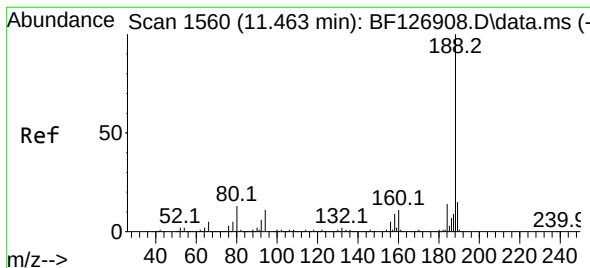
165 100

63 1.5 43.0 64.6#

89 1.8 71.0 106.4#

182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127082.D

Acq: 25 Feb 2022 20:34

Instrument :

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POST-EX-01-0224

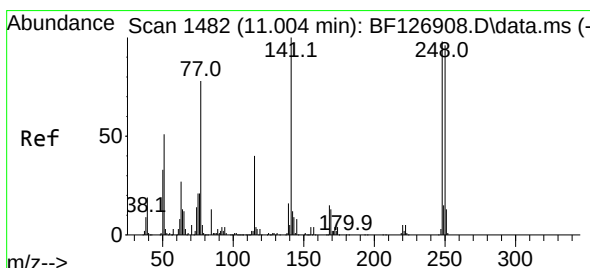
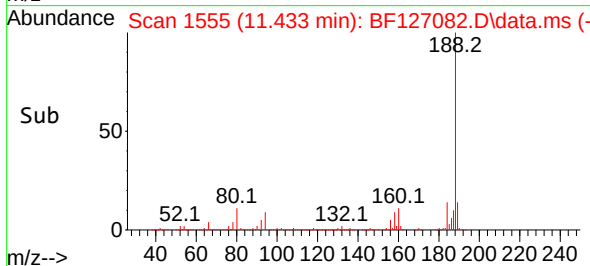
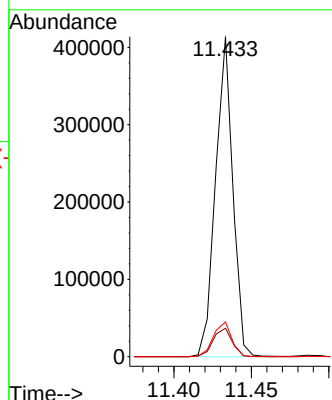
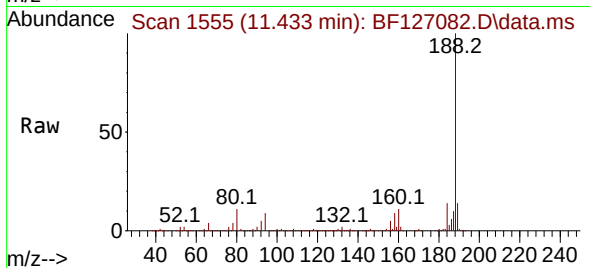
Tgt Ion:188 Resp: 320929

Ion Ratio Lower Upper

188 100

94 8.9 10.1 15.1#

80 10.9 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 3.639 ng

RT: 10.733 min Scan# 1436

Delta R.T. -0.253 min

Lab File: BF127082.D

Acq: 25 Feb 2022 20:34

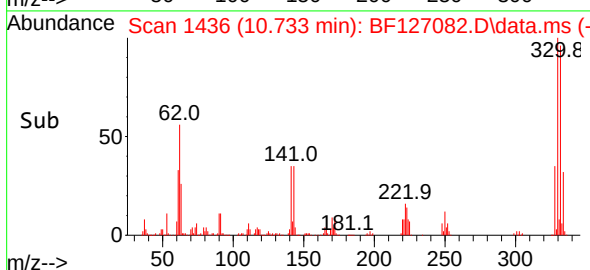
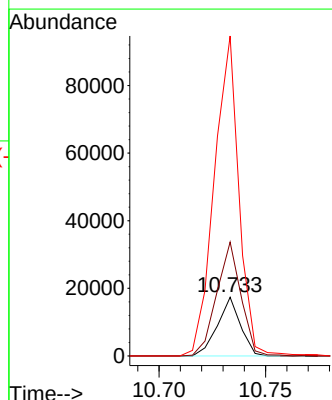
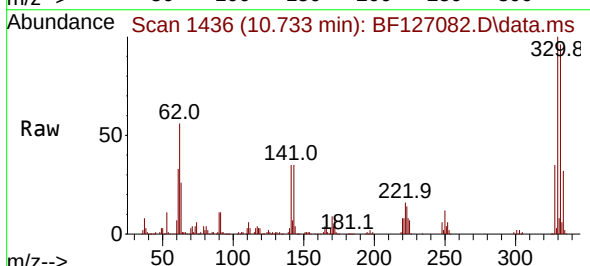
Tgt Ion:248 Resp: 13047

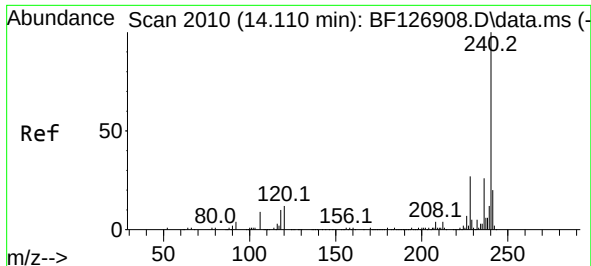
Ion Ratio Lower Upper

248 100

250 194.0 76.2 114.4#

141 544.8 66.2 99.4#

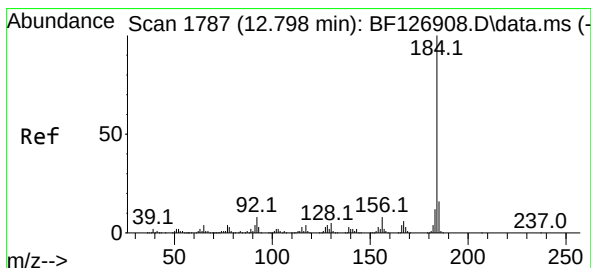
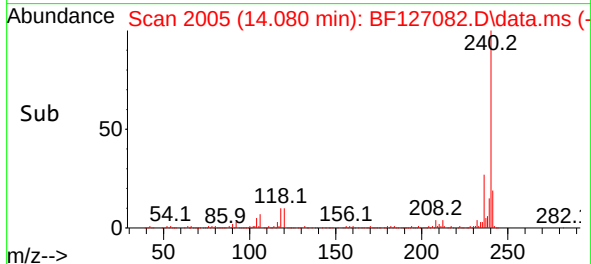
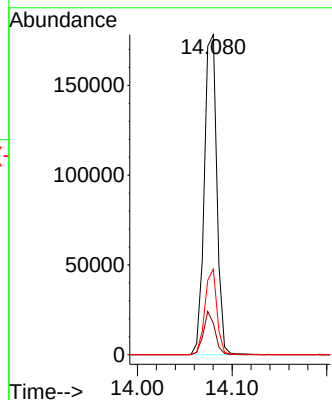
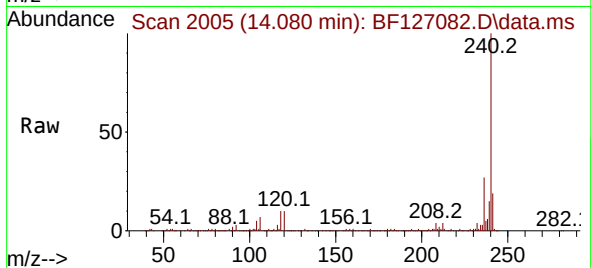




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127082.D
Acq: 25 Feb 2022 20:34

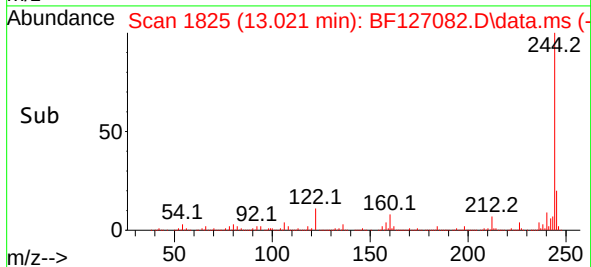
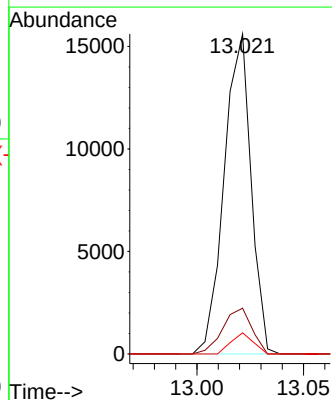
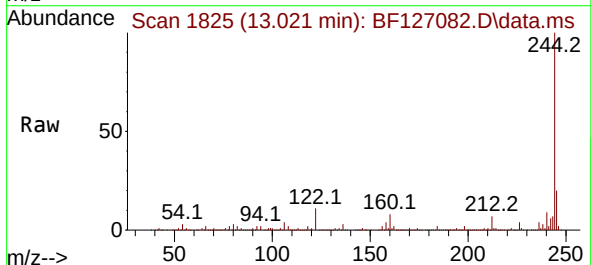
Instrument :
BNA_F
ClientSampleId :
POST-EX-01-0224

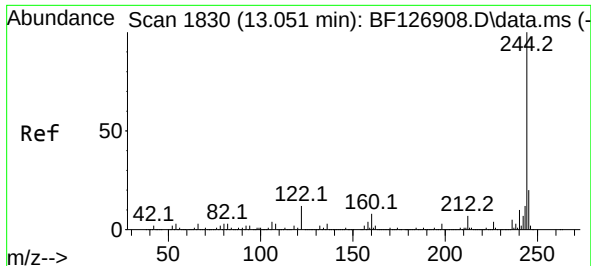
Tgt Ion:240 Resp: 164491
Ion Ratio Lower Upper
240 100
120 9.9 14.4 21.6#
236 26.8 20.5 30.7



#77
Benzidine
Concen: 3.069 ng
RT: 13.021 min Scan# 1825
Delta R.T. 0.247 min
Lab File: BF127082.D
Acq: 25 Feb 2022 20:34

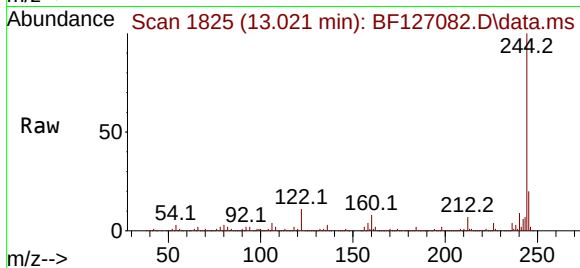
Tgt Ion:184 Resp: 13717
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.8
183 6.6 8.2 12.2#



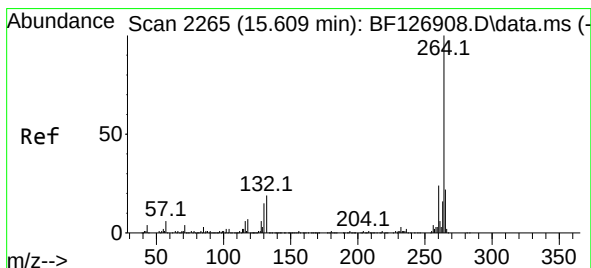
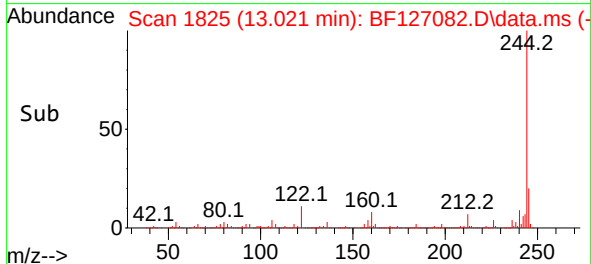
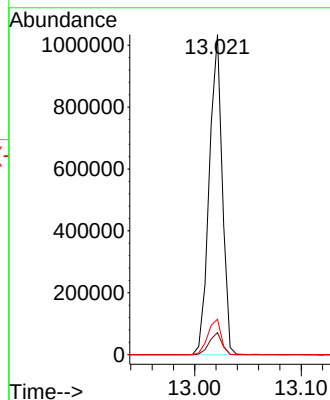


#79
 Terphenyl-d14
 Concen: 78.339 ng
 RT: 13.021 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: BF127082.D
 Acq: 25 Feb 2022 20:34

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-01-0224



Tgt Ion:244 Resp: 876579
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 11.1 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2259
 Delta R.T. -0.012 min
 Lab File: BF127082.D
 Acq: 25 Feb 2022 20:34

Tgt Ion:264 Resp: 180036
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.6 17.4 26.2

