

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127083.D
 Acq On : 25 Feb 2022 21:01
 Operator : CG\JU
 Sample : N1662-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-01B

Quant Time: Feb 26 01:40:53 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)

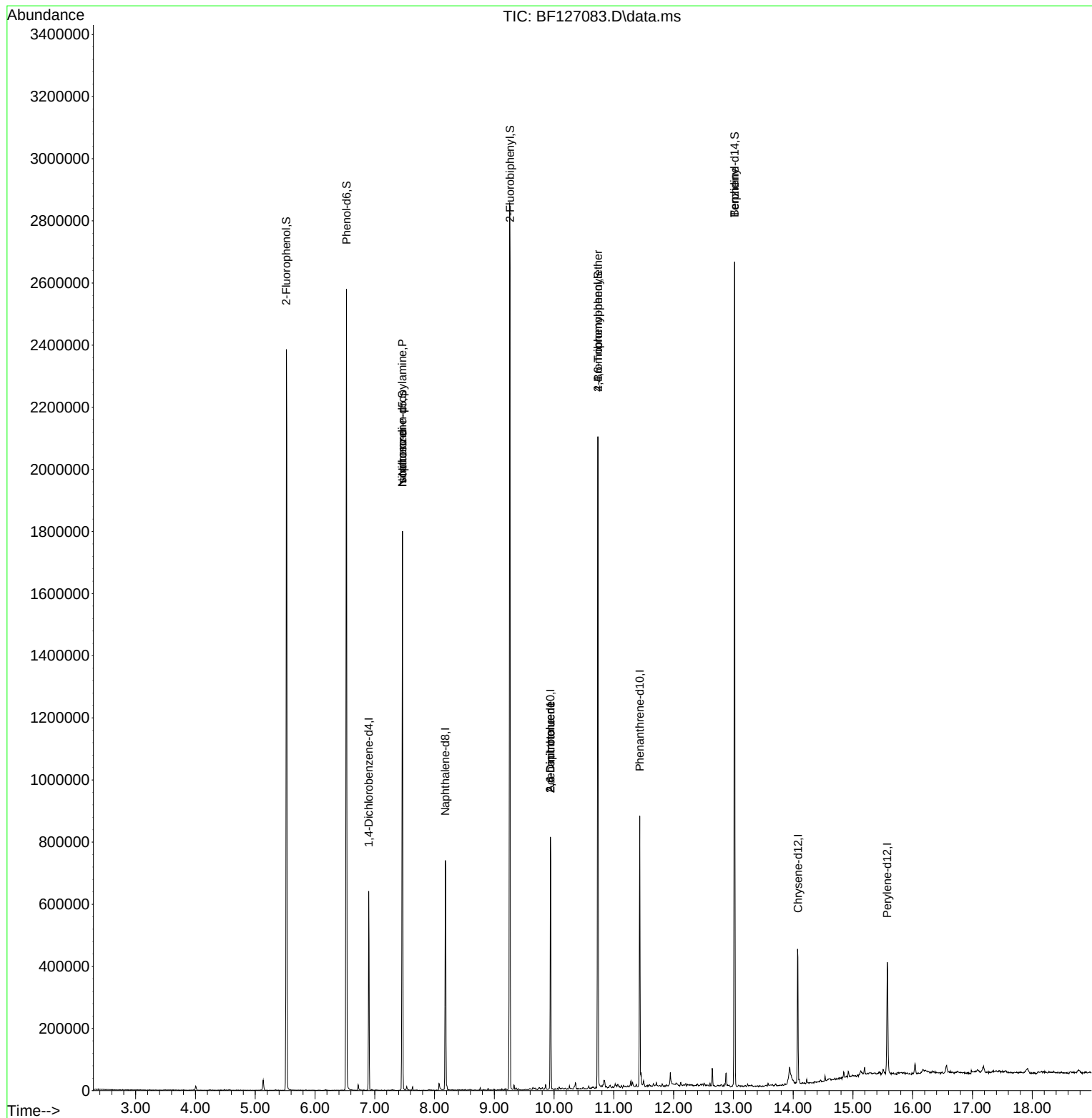
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	80410	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	322044	20.000	ng	#-0.01
39) Acenaphthene-d10	9.939	164	159584	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	267413	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	136335	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	149365	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	596656	114.684	ng	0.00
7) Phenol-d6	6.528	99	804650	114.620	ng	-0.01
23) Nitrobenzene-d5	7.463	82	554173	77.672	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	215802	117.450	ng	-0.01
45) 2-Fluorobiphenyl	9.263	172	847514	78.183	ng	0.00
79) Terphenyl-d14	13.022	244	816436	88.033	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	75803	16.757	ng	# 78
25) Isophorone	7.463	82	554166	46.939	ng	# 69
51) 2,6-Dinitrotoluene	9.939	165	20529	8.846	ng	# 22
57) 2,4-Dinitrotoluene	9.939	165	20529	6.542	ng	# 16
67) 4-Bromophenyl-phenylether	10.733	248	12909	4.321	ng	# 1
77) Benzidine	13.022	184	12351	3.334	ng	# 91

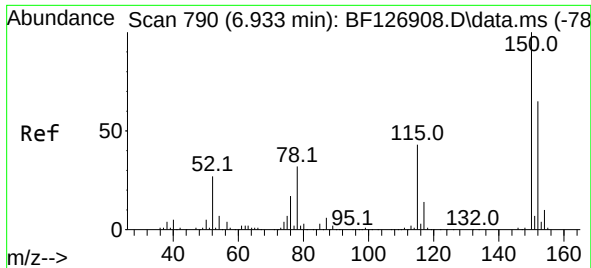
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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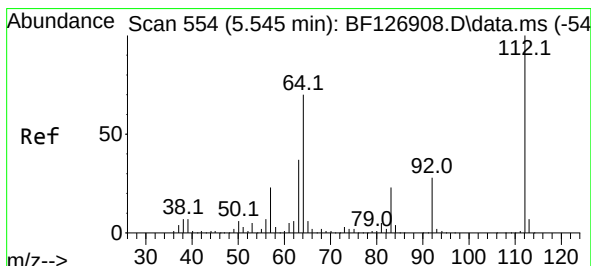
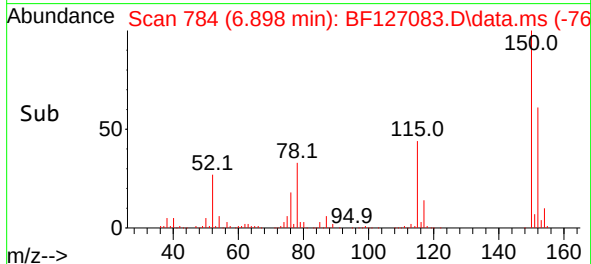
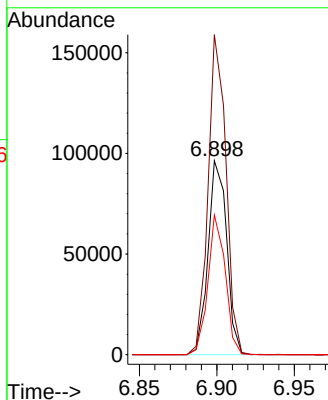
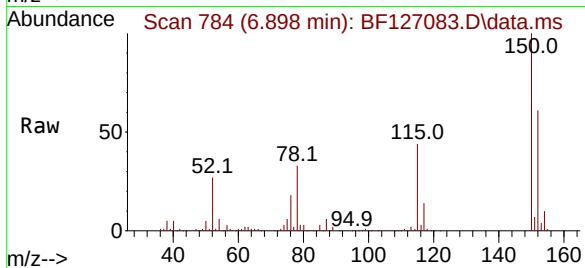




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127083.D
Acq: 25 Feb 2022 21:01

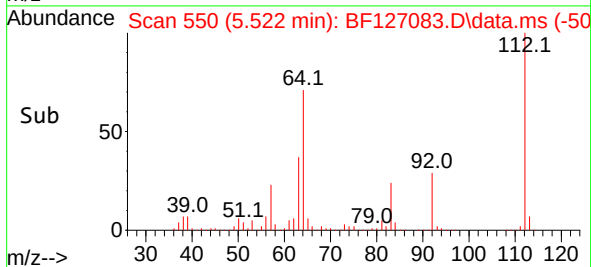
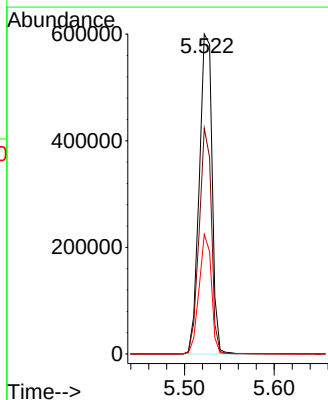
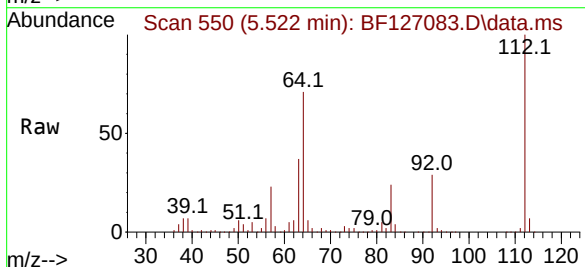
Instrument :
BNA_F
ClientSampleId :
POST-EX-01B

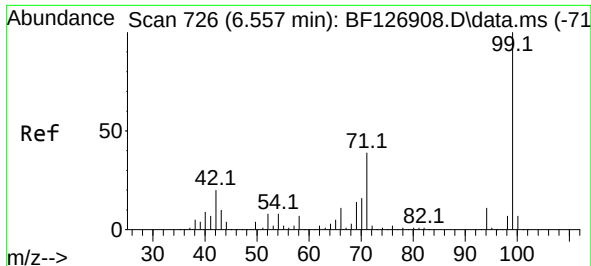
Tgt Ion:152 Resp: 80410
Ion Ratio Lower Upper
152 100
150 165.0 128.1 192.1
115 72.1 56.7 85.1



#5
2-Fluorophenol
Concen: 114.684 ng
RT: 5.522 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF127083.D
Acq: 25 Feb 2022 21:01

Tgt Ion:112 Resp: 596656
Ion Ratio Lower Upper
112 100
64 70.5 49.5 74.3
63 37.3 23.9 35.9

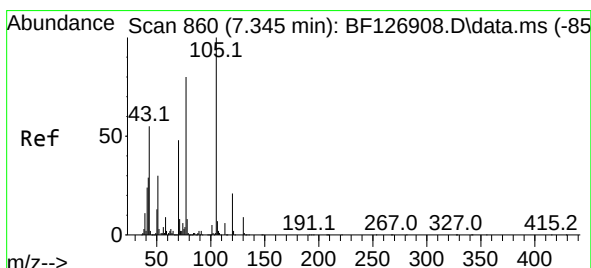
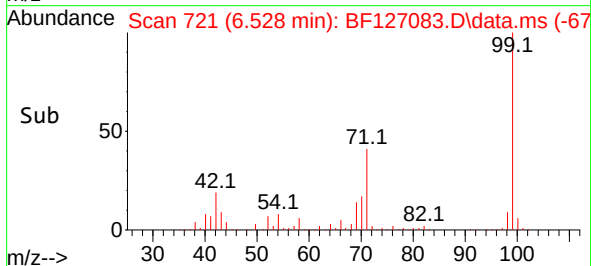
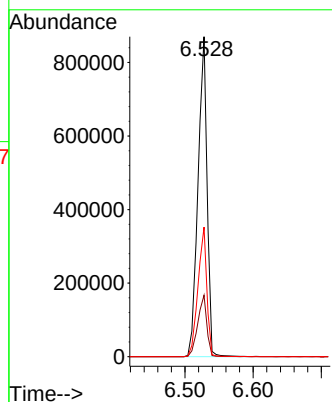
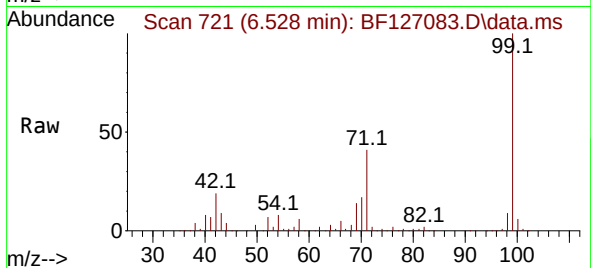




#7
Phenol-d6
Concen: 114.620 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127083.D
Acq: 25 Feb 2022 21:01

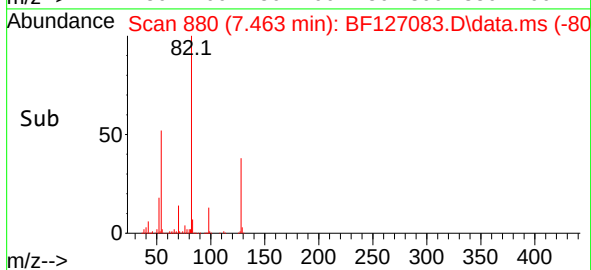
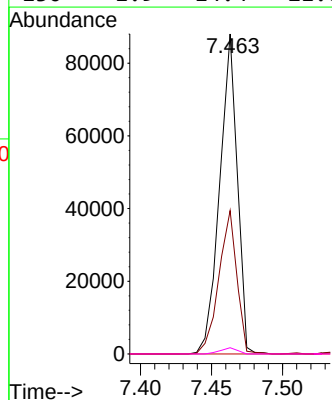
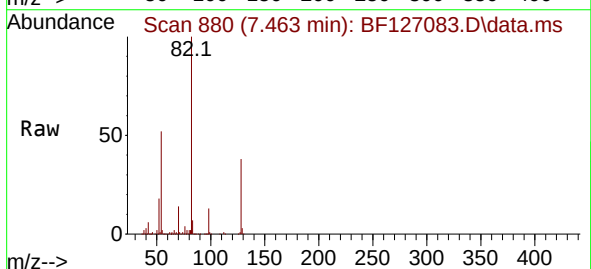
Instrument :
BNA_F
ClientSampleId :
POST-EX-01B

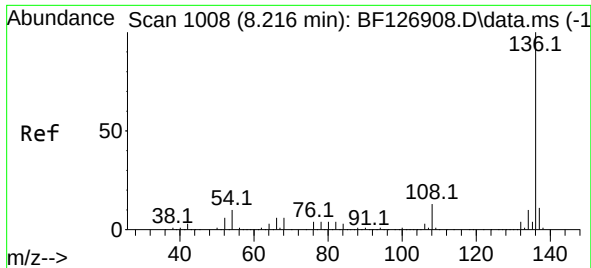
Tgt Ion: 99 Resp: 804650
Ion Ratio Lower Upper
99 100
42 19.2 14.2 21.4
71 40.5 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 16.757 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.141 min
Lab File: BF127083.D
Acq: 25 Feb 2022 21:01

Tgt Ion: 70 Resp: 75803
Ion Ratio Lower Upper
70 100
42 44.8 45.8 68.8#
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#

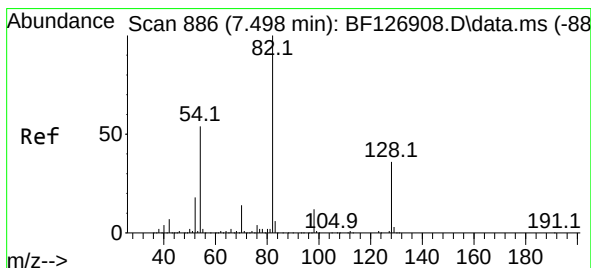
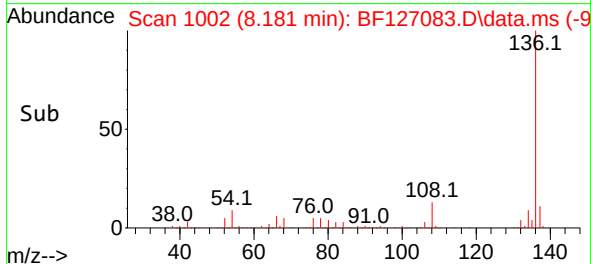
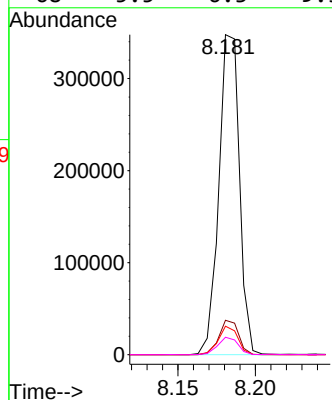
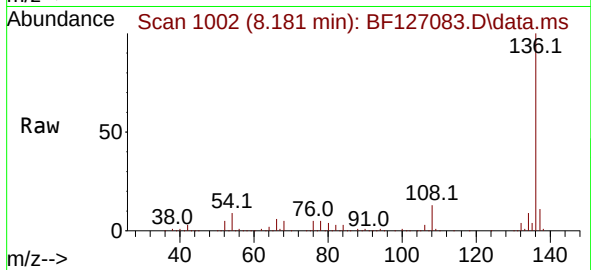




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF127083.D
Acq: 25 Feb 2022 21:01

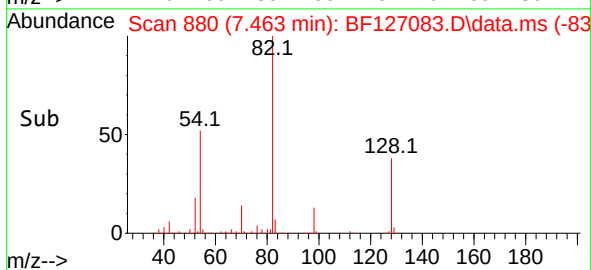
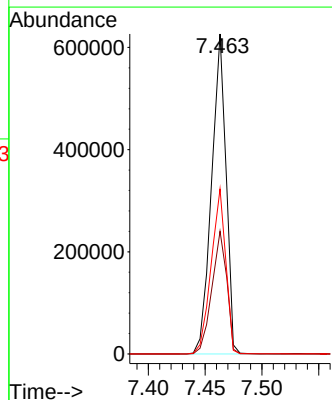
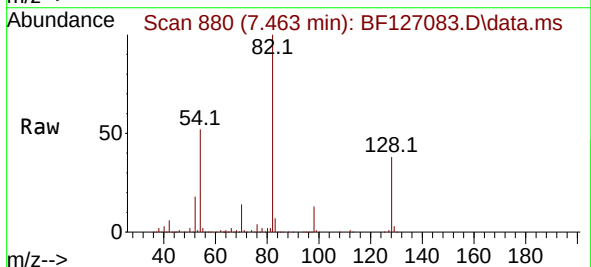
Instrument :
BNA_F
ClientSampleId :
POST-EX-01B

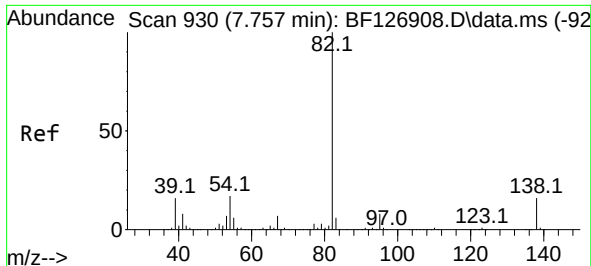
Tgt Ion:136 Resp: 322044
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.9 7.8 11.6
68 5.5 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 77.672 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127083.D
Acq: 25 Feb 2022 21:01

Tgt Ion: 82 Resp: 554173
Ion Ratio Lower Upper
82 100
128 38.4 32.7 49.1
54 51.6 41.7 62.5

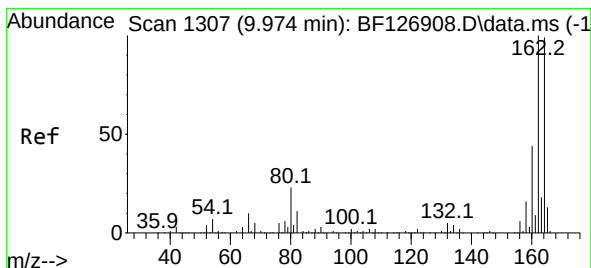
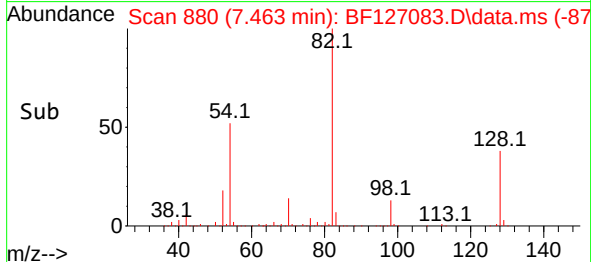
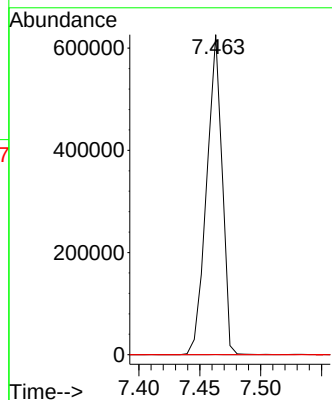
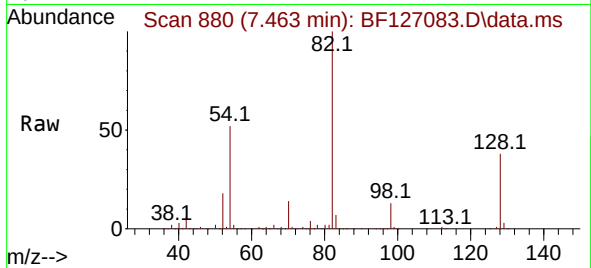




#25
Isophorone
Concen: 46.939 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF127083.D
Acq: 25 Feb 2022 21:01

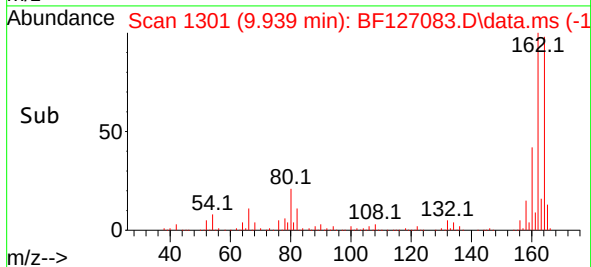
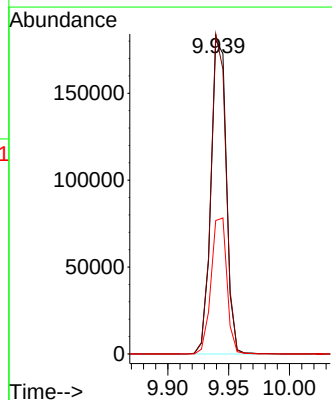
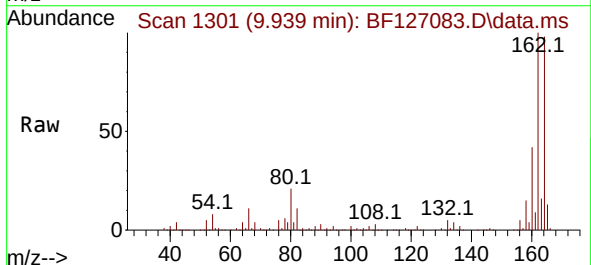
Instrument :
BNA_F
ClientSampleId :
POST-EX-01B

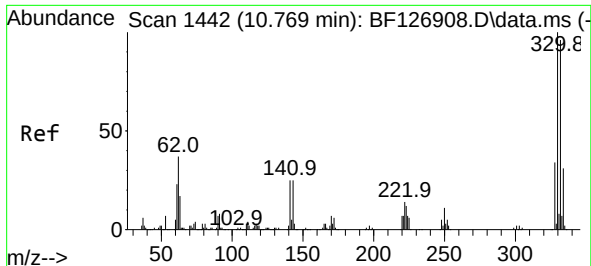
Tgt Ion: 82 Resp: 554166
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127083.D
Acq: 25 Feb 2022 21:01

Tgt Ion:164 Resp: 159584
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 42.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 117.450 ng

RT: 10.733 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF127083.D

Acq: 25 Feb 2022 21:01

Instrument :

BNA_F

ClientSampleId :

POST-EX-01B

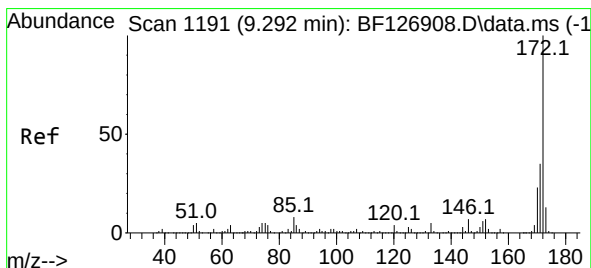
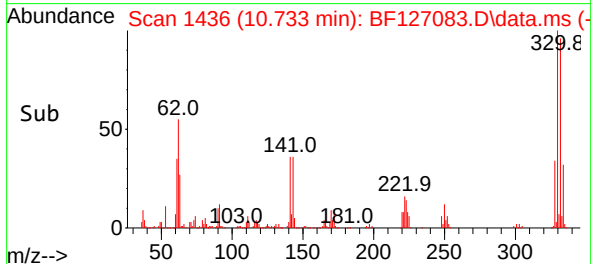
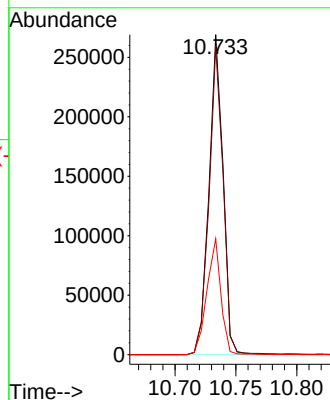
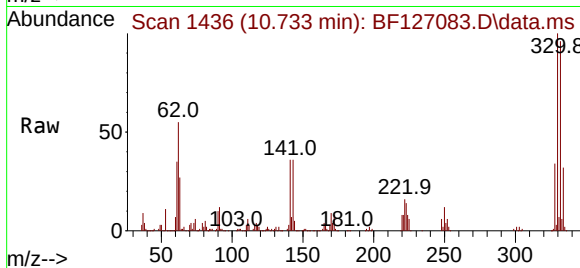
Tgt Ion:330 Resp: 215802

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

141 36.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 78.183 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF127083.D

Acq: 25 Feb 2022 21:01

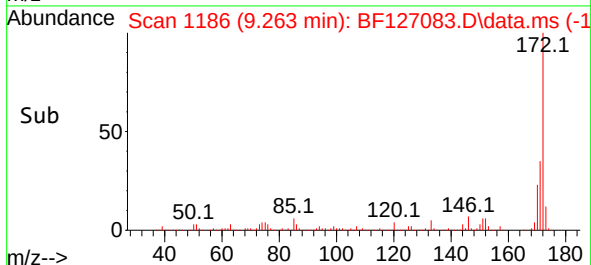
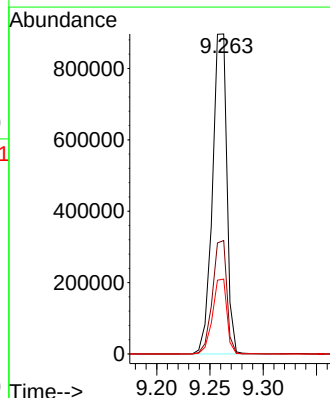
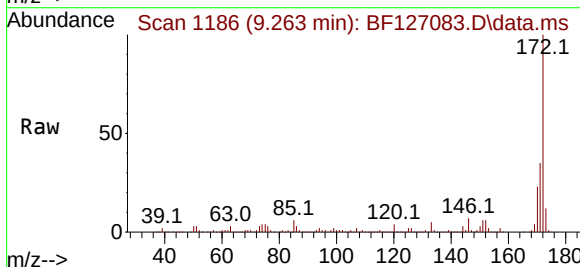
Tgt Ion:172 Resp: 847514

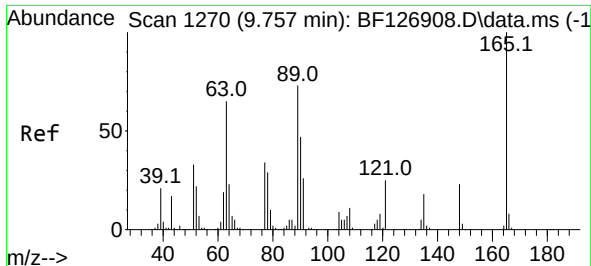
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.4 19.0 28.6

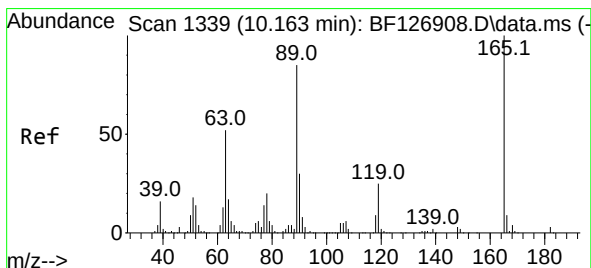
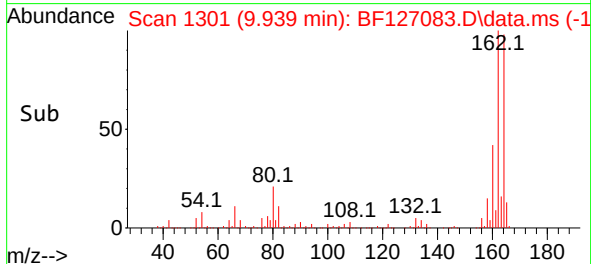
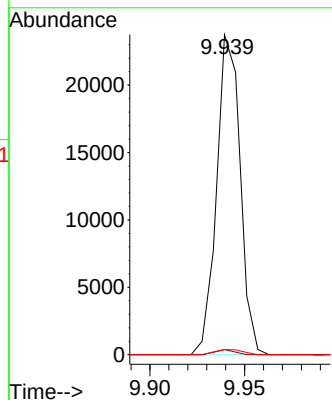
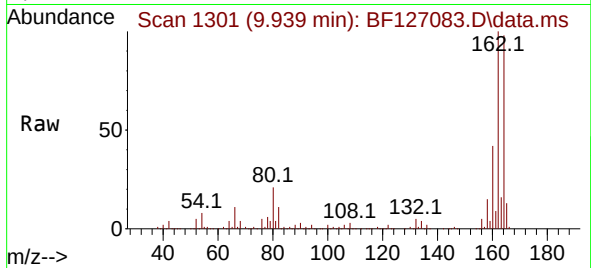




#51
2,6-Dinitrotoluene
Concen: 8.846 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127083.D
Acq: 25 Feb 2022 21:01

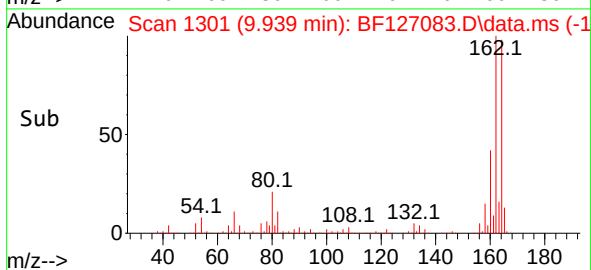
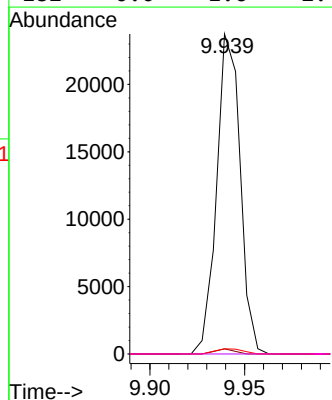
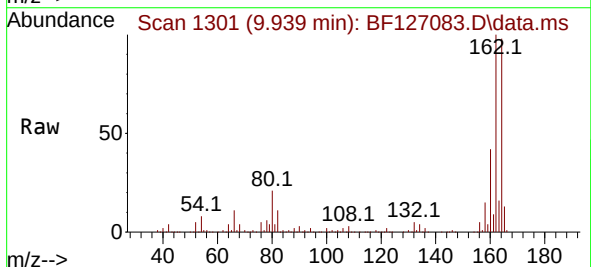
Instrument :
BNA_F
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POST-EX-01B

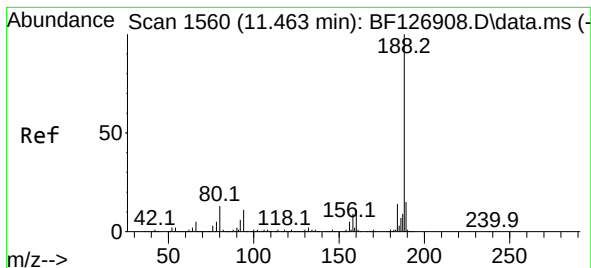
Tgt Ion:165 Resp: 20529
Ion Ratio Lower Upper
165 100
63 1.6 48.4 72.6#
89 1.6 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.542 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.200 min
Lab File: BF127083.D
Acq: 25 Feb 2022 21:01

Tgt Ion:165 Resp: 20529
Ion Ratio Lower Upper
165 100
63 1.6 43.0 64.6#
89 1.6 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: BF127083.D

Acq: 25 Feb 2022 21:01

Instrument :

BNA_F

ClientSampleId :

POST-EX-01B

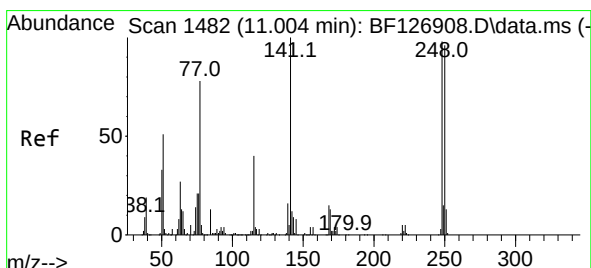
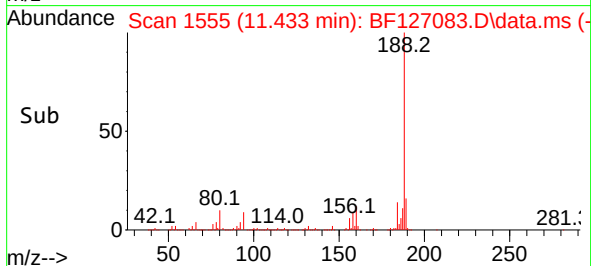
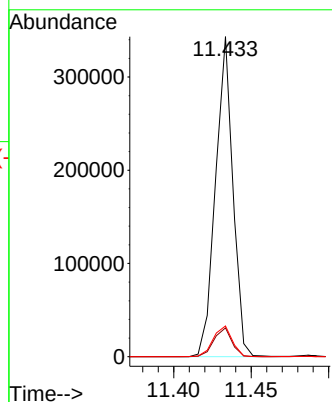
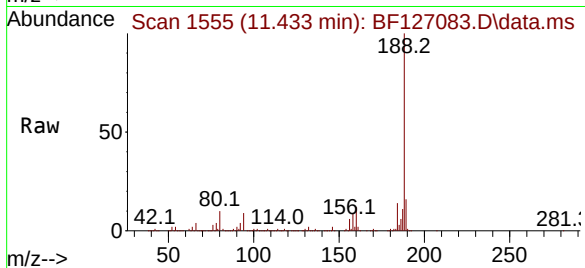
Tgt Ion:188 Resp: 267413

Ion Ratio Lower Upper

188 100

94 9.0 10.1 15.1#

80 9.6 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 4.321 ng

RT: 10.733 min Scan# 1436

Delta R.T. -0.253 min

Lab File: BF127083.D

Acq: 25 Feb 2022 21:01

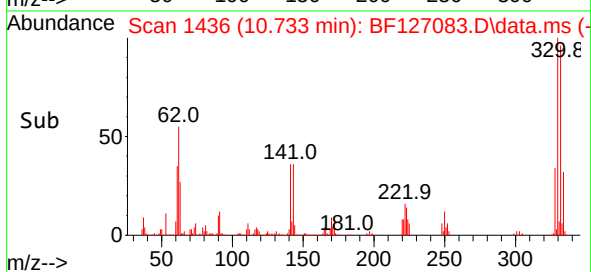
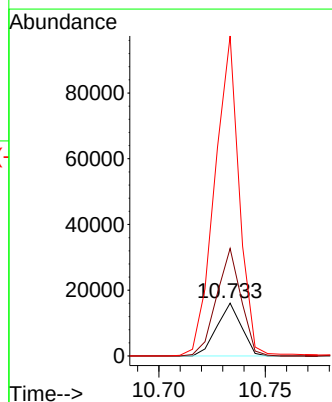
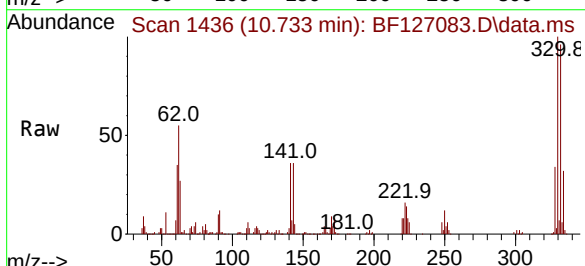
Tgt Ion:248 Resp: 12909

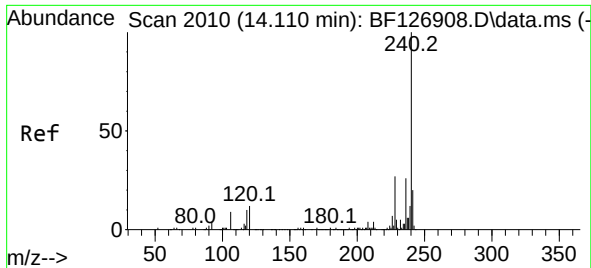
Ion Ratio Lower Upper

248 100

250 203.6 76.2 114.4#

141 606.1 66.2 99.4#

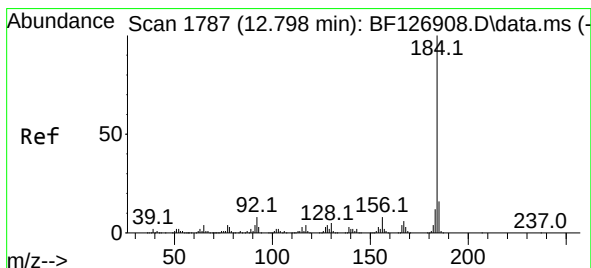
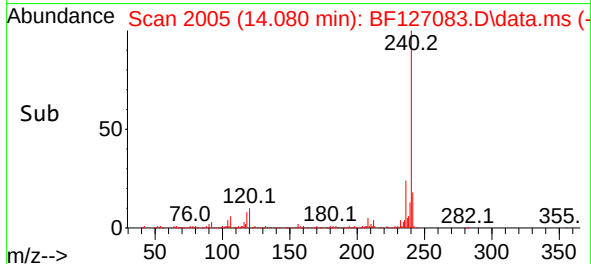
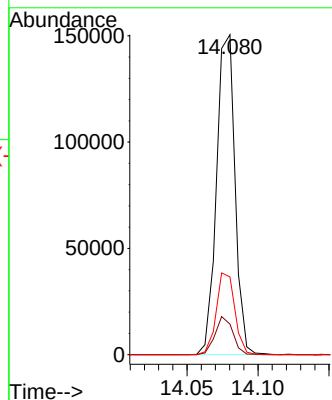
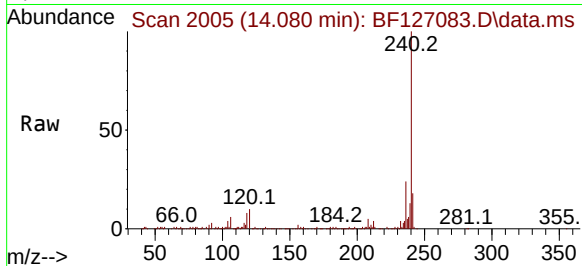




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127083.D
Acq: 25 Feb 2022 21:01

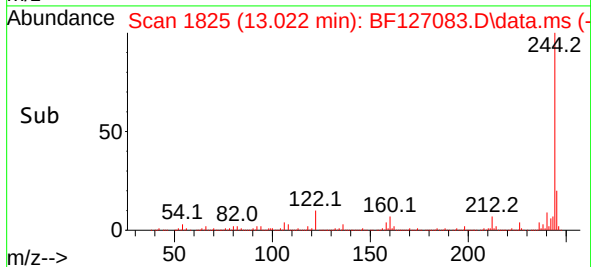
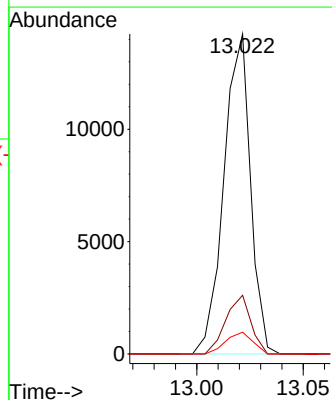
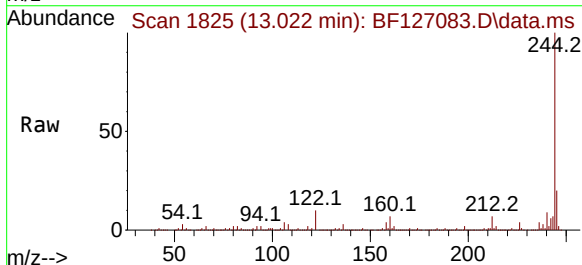
Instrument :
BNA_F
ClientSampleId :
POST-EX-01B

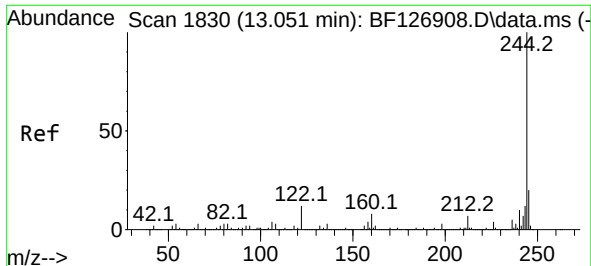
Tgt Ion:240 Resp: 136335
Ion Ratio Lower Upper
240 100
120 9.6 14.4 21.6#
236 24.3 20.5 30.7



#77
Benzidine
Concen: 3.334 ng
RT: 13.022 min Scan# 1825
Delta R.T. 0.247 min
Lab File: BF127083.D
Acq: 25 Feb 2022 21:01

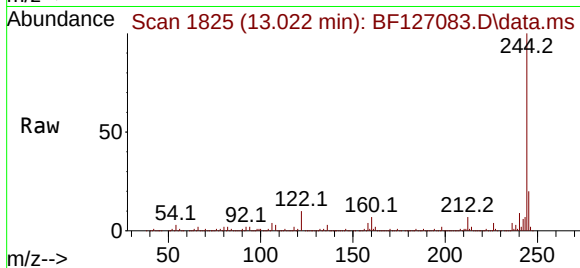
Tgt Ion:184 Resp: 12351
Ion Ratio Lower Upper
184 100
185 18.3 11.8 17.8#
183 6.8 8.2 12.2#



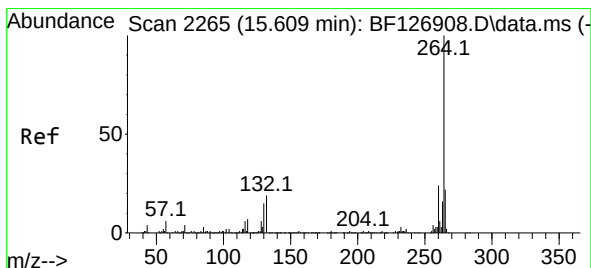
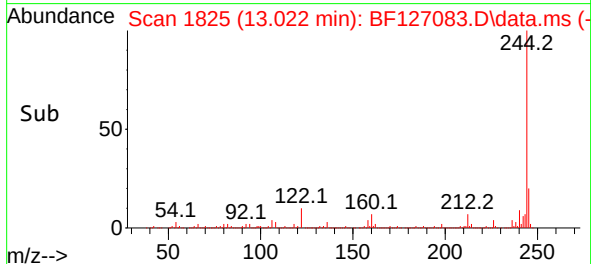
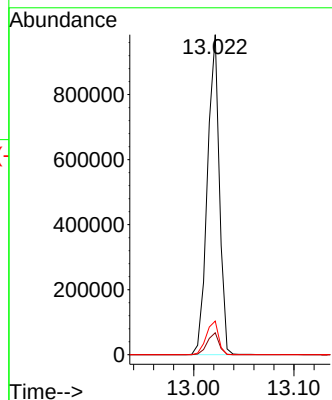


#79
 Terphenyl-d14
 Concen: 88.033 ng
 RT: 13.022 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127083.D
 Acq: 25 Feb 2022 21:01

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-01B



Tgt Ion:244 Resp: 816436
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 10.5 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: BF127083.D
 Acq: 25 Feb 2022 21:01

Tgt Ion:264 Resp: 149365
 Ion Ratio Lower Upper
 264 100
 260 25.8 19.2 28.8
 265 22.1 17.4 26.2

