

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
 Data File : BF127095.D
 Acq On : 28 Feb 2022 12:59
 Operator : CG\JU
 Sample : N1664-22
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Feb 28 16:57:40 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)

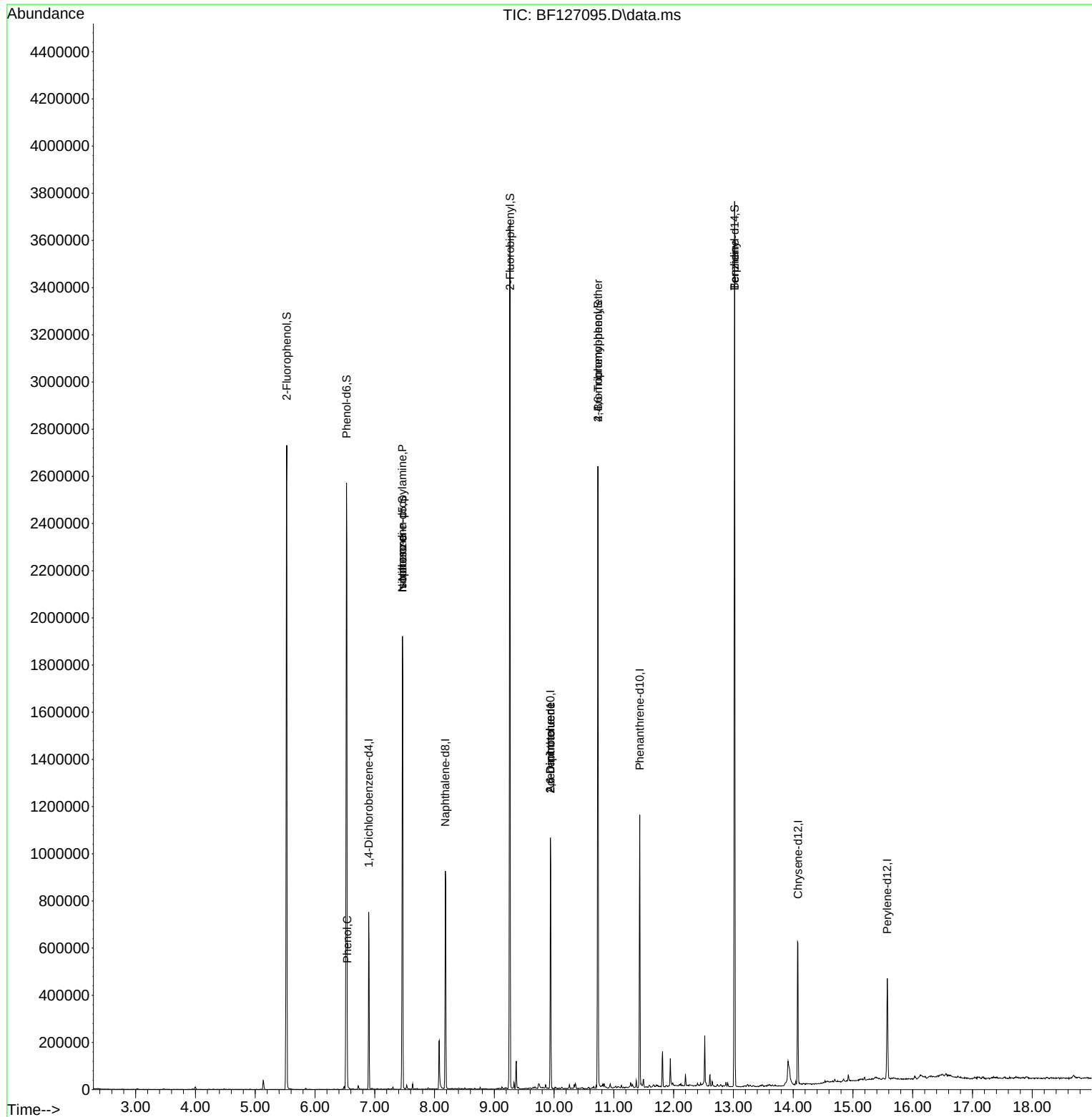
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	98405	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	400778	20.000	ng	#-0.01
39) Acenaphthene-d10	9.939	164	205823	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	362096	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	200816	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	176106	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	711769	111.792	ng	0.00
7) Phenol-d6	6.528	99	931863	108.467	ng	-0.01
23) Nitrobenzene-d5	7.463	82	658901	74.208	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	288745	121.845	ng	-0.01
45) 2-Fluorobiphenyl	9.263	172	1075805	76.947	ng	0.00
79) Terphenyl-d14	13.021	244	1189819	87.099	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.540	94	22534	2.596	ng	# 69
19) n-Nitroso-di-n-propyla...	7.463	70	91153	16.466	ng	# 79
25) Isophorone	7.463	82	658894	44.845	ng	# 69
51) 2,6-Dinitrotoluene	9.939	165	26641	8.900	ng	# 22
57) 2,4-Dinitrotoluene	9.939	165	26641	6.583	ng	# 16
67) 4-Bromophenyl-phenylether	10.733	248	17649	4.362	ng	# 1
77) Benzidine	13.021	184	17810	3.264	ng	# 93

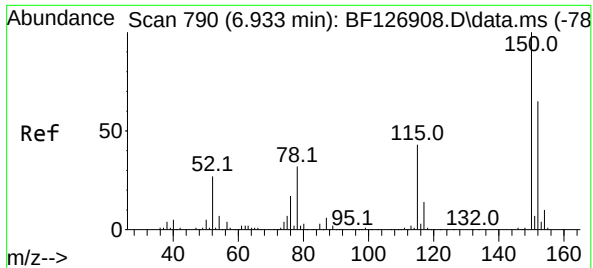
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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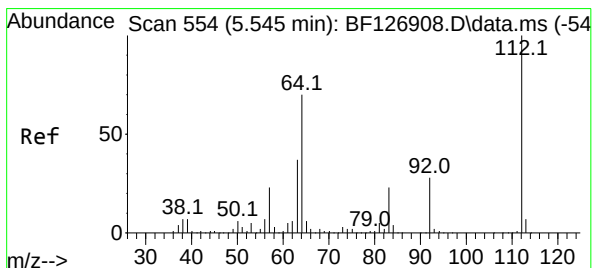
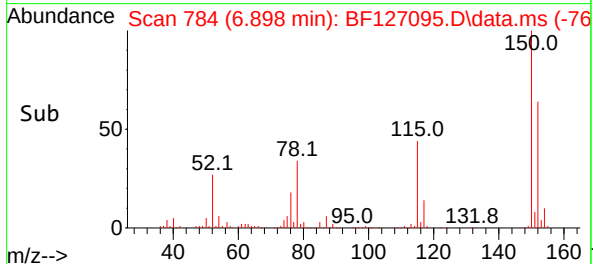
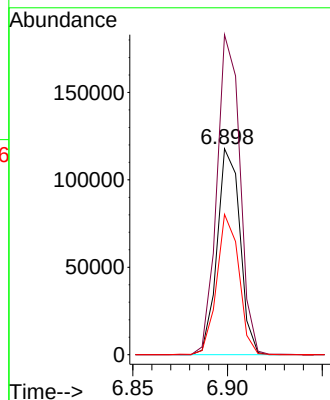
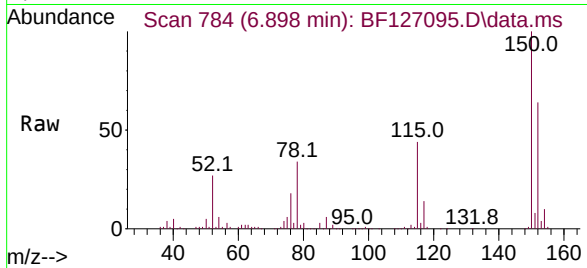




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127095.D
Acq: 28 Feb 2022 12:59

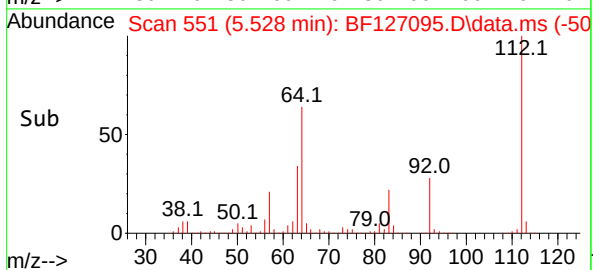
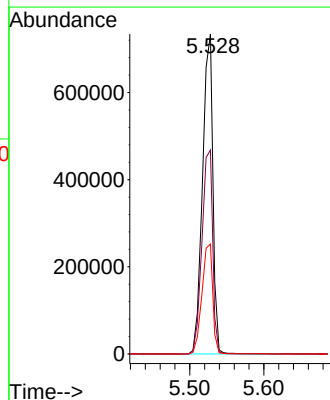
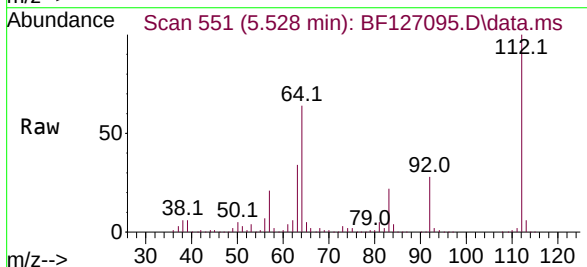
Instrument :
BNA_F
ClientSampleId :
TP-8

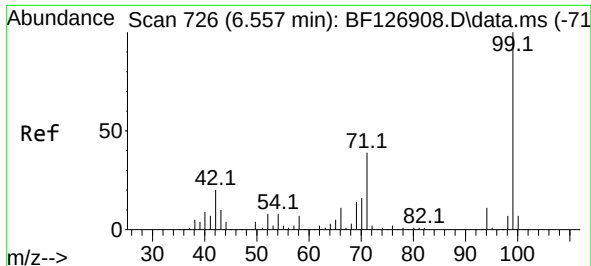
Tgt Ion:152 Resp: 98405
Ion Ratio Lower Upper
152 100
150 155.4 128.1 192.1
115 68.2 56.7 85.1



#5
2-Fluorophenol
Concen: 111.792 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF127095.D
Acq: 28 Feb 2022 12:59

Tgt Ion:112 Resp: 711769
Ion Ratio Lower Upper
112 100
64 63.8 49.5 74.3
63 34.4 23.9 35.9

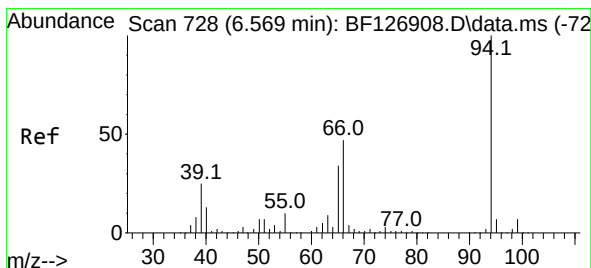
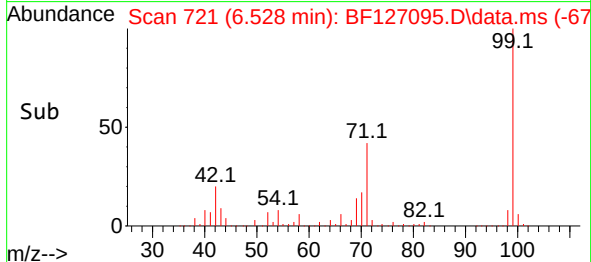
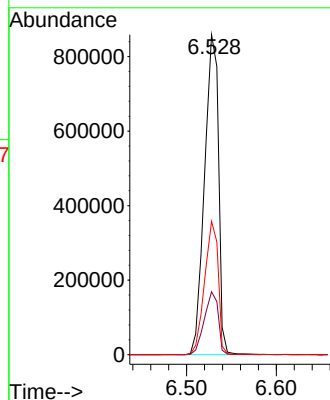
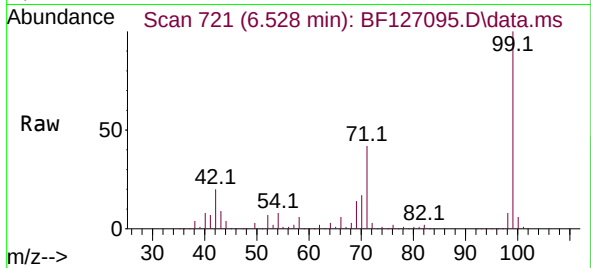




#7
Phenol-d6
Concen: 108.467 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127095.D
Acq: 28 Feb 2022 12:59

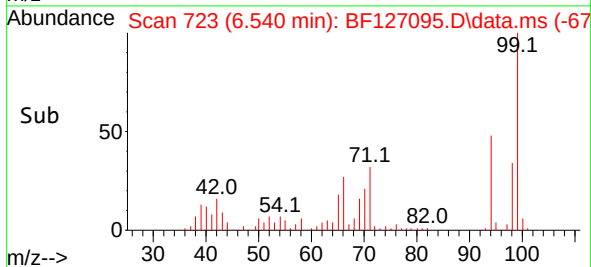
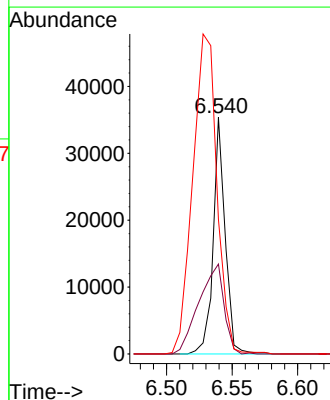
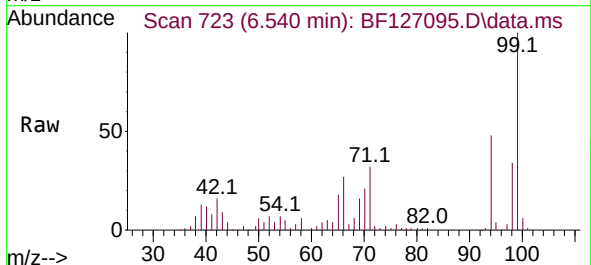
Instrument :
BNA_F
ClientSampleId :
TP-8

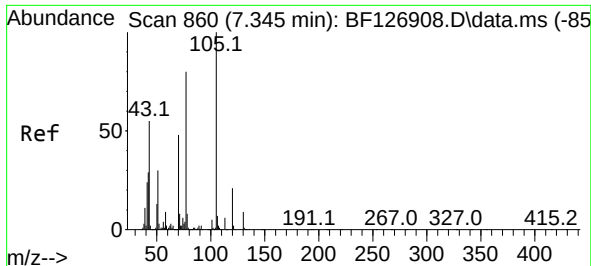
Tgt Ion: 99 Resp: 931863
Ion Ratio Lower Upper
99 100
42 19.7 14.2 21.4
71 41.6 24.3 36.5#



#10
Phenol
Concen: 2.596 ng
RT: 6.540 min Scan# 723
Delta R.T. -0.012 min
Lab File: BF127095.D
Acq: 28 Feb 2022 12:59

Tgt Ion: 94 Resp: 22534
Ion Ratio Lower Upper
94 100
65 38.0 7.2 47.2
66 56.9 14.5 54.5#

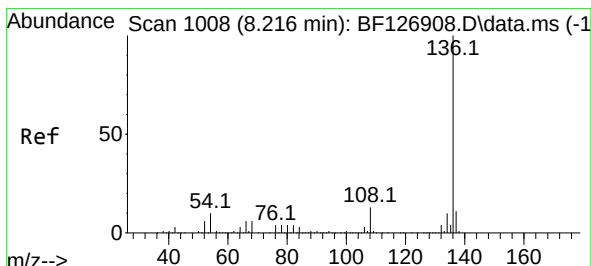
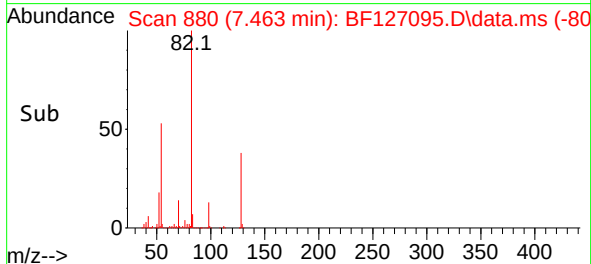
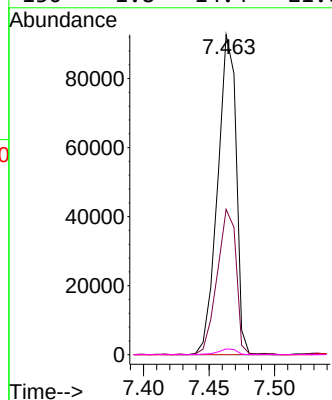
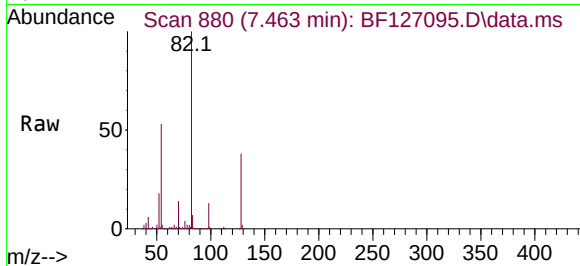




#19
n-Nitroso-di-n-propylamine
Concen: 16.466 ng
RT: 7.463 min Scan# 80
Delta R.T. 0.141 min
Lab File: BF127095.D
Acq: 28 Feb 2022 12:59

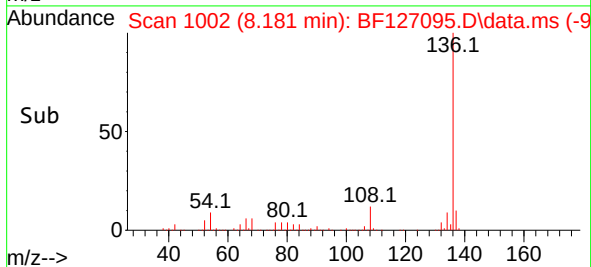
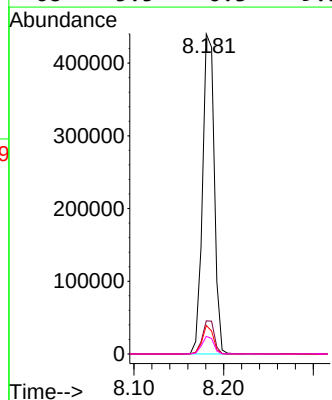
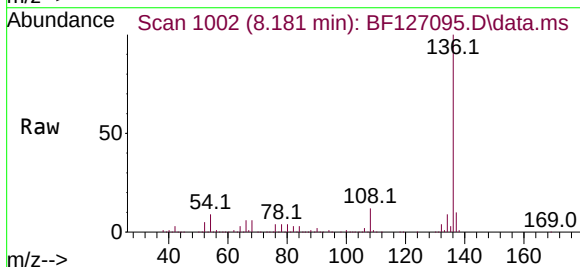
Instrument :
BNA_F
ClientSampleId :
TP-8

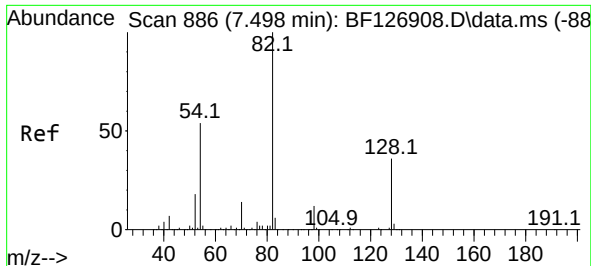
Tgt Ion: 70 Resp: 91153
Ion Ratio Lower Upper
70 100
42 45.4 45.8 68.8#
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF127095.D
Acq: 28 Feb 2022 12:59

Tgt Ion:136 Resp: 400778
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.9 7.8 11.6
68 5.5 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 74.208 ng

RT: 7.463 min Scan# 880

Delta R.T. -0.012 min

Lab File: BF127095.D

Acq: 28 Feb 2022 12:59

Instrument :

BNA_F

ClientSampleId :

TP-8

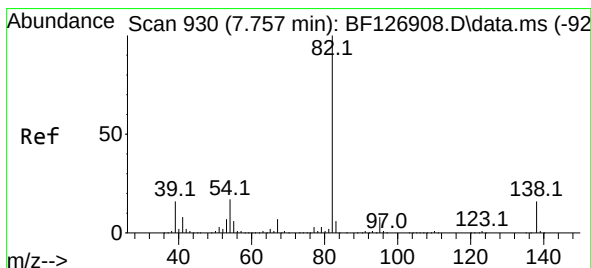
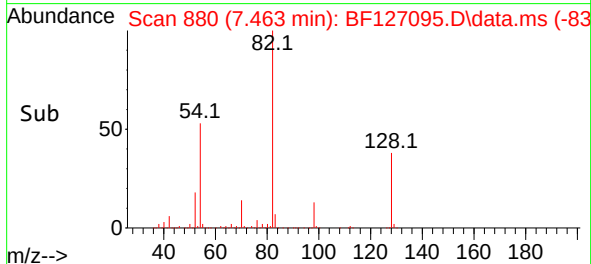
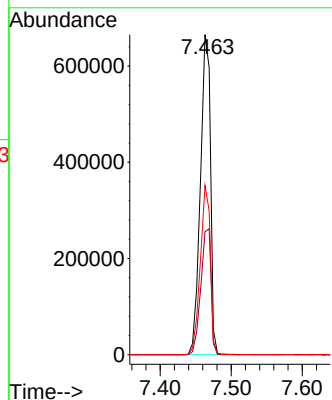
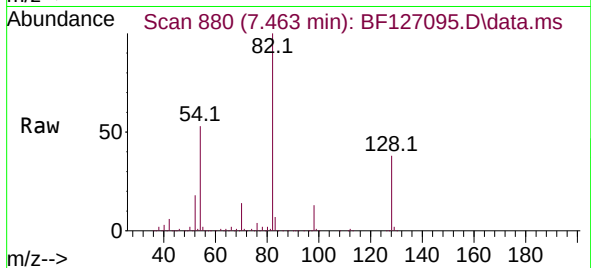
Tgt Ion: 82 Resp: 658901

Ion Ratio Lower Upper

82 100

128 38.4 32.7 49.1

54 52.9 41.7 62.5



#25

Isophorone

Concen: 44.845 ng

RT: 7.463 min Scan# 880

Delta R.T. -0.270 min

Lab File: BF127095.D

Acq: 28 Feb 2022 12:59

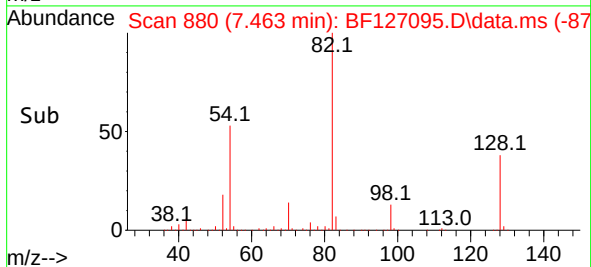
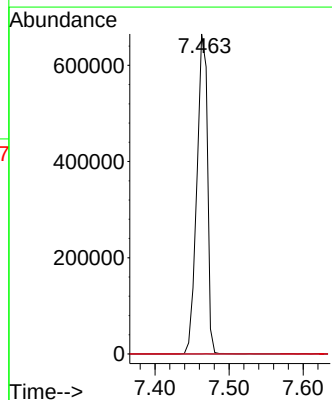
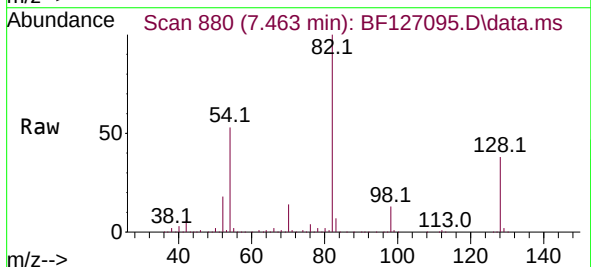
Tgt Ion: 82 Resp: 658894

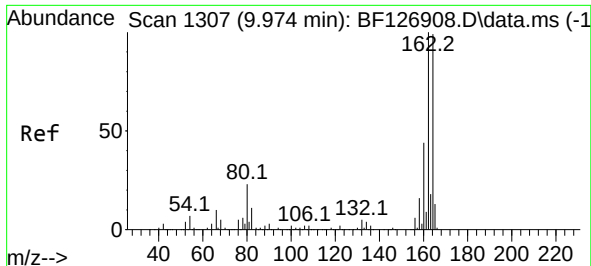
Ion Ratio Lower Upper

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# 11

Delta R.T. -0.012 min

Lab File: BF127095.D

Acq: 28 Feb 2022 12:59

Instrument :

BNA_F

ClientSampleId :

TP-8

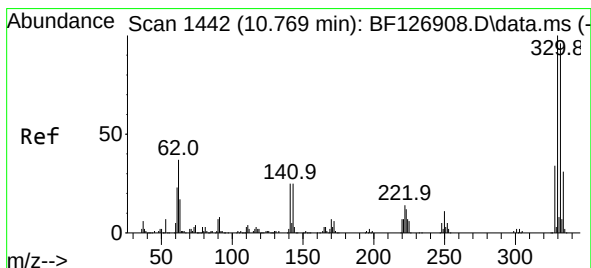
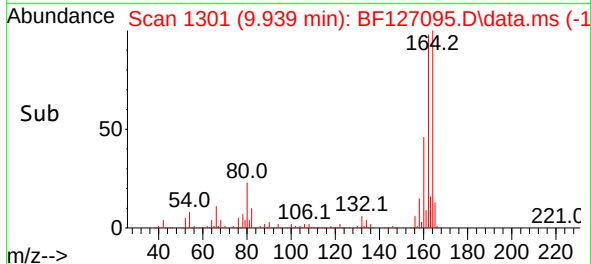
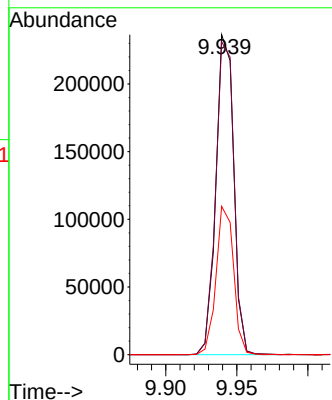
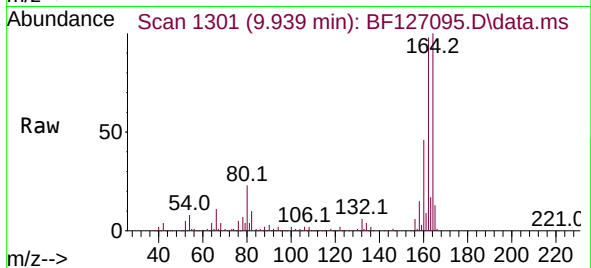
Tgt Ion:164 Resp: 205823

Ion Ratio Lower Upper

164 100

162 97.8 81.4 122.0

160 46.4 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 121.845 ng

RT: 10.733 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF127095.D

Acq: 28 Feb 2022 12:59

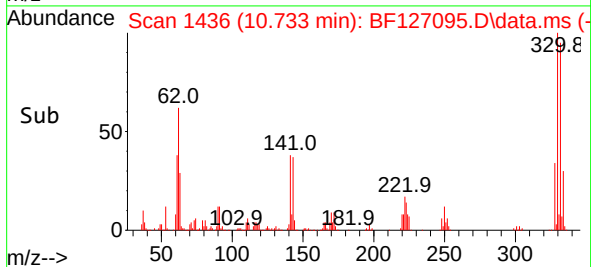
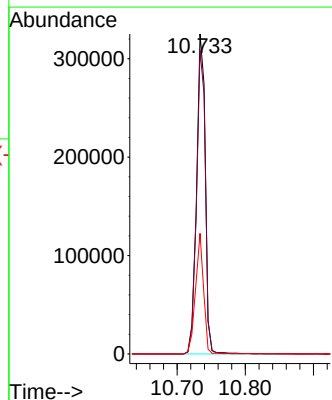
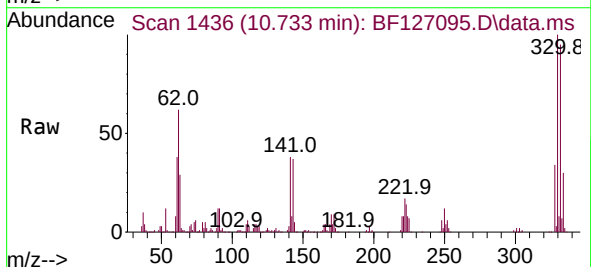
Tgt Ion:330 Resp: 288745

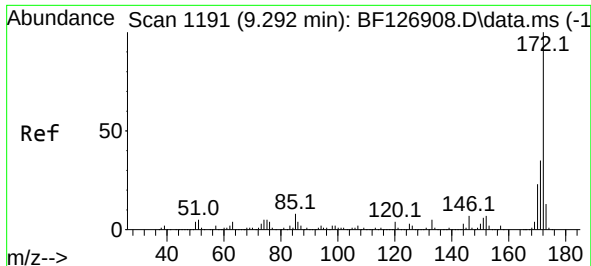
Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

141 34.9 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 76.947 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF127095.D

Acq: 28 Feb 2022 12:59

Instrument :

BNA_F

ClientSampleId :

TP-8

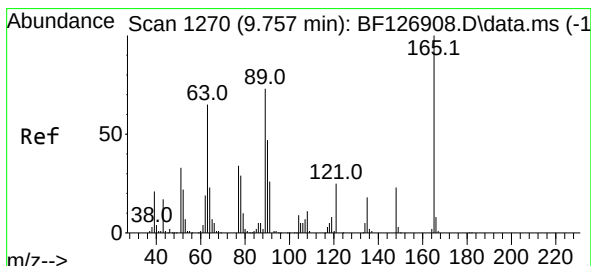
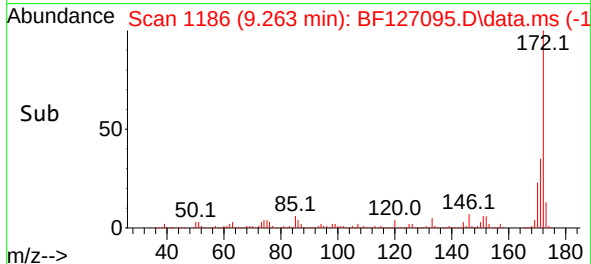
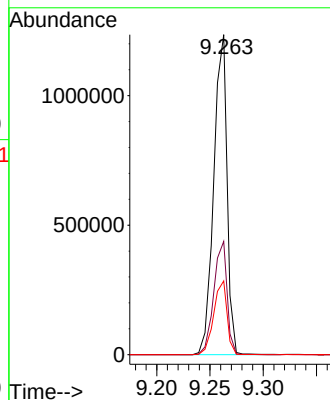
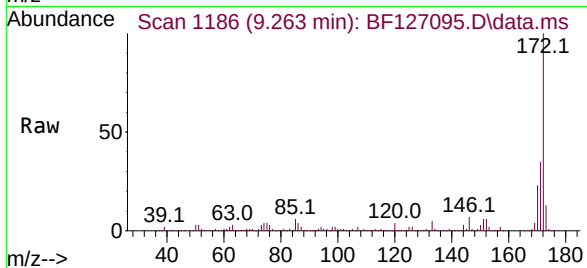
Tgt Ion:172 Resp: 1075805

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.1 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.900 ng

RT: 9.939 min Scan# 1301

Delta R.T. 0.206 min

Lab File: BF127095.D

Acq: 28 Feb 2022 12:59

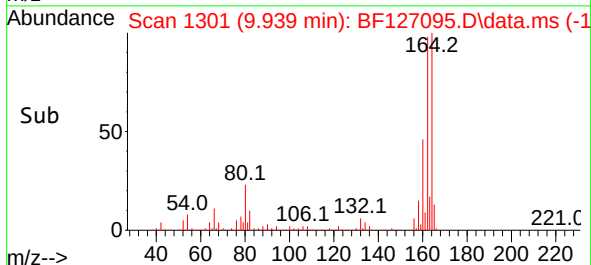
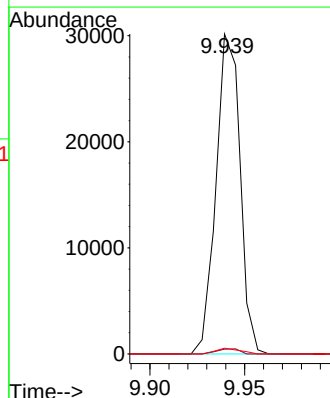
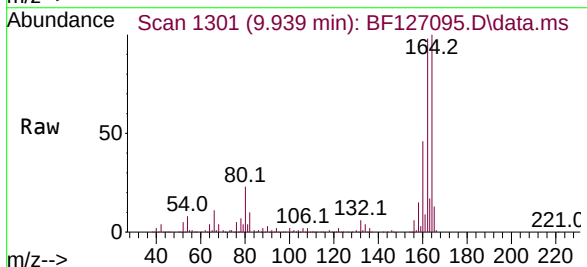
Tgt Ion:165 Resp: 26641

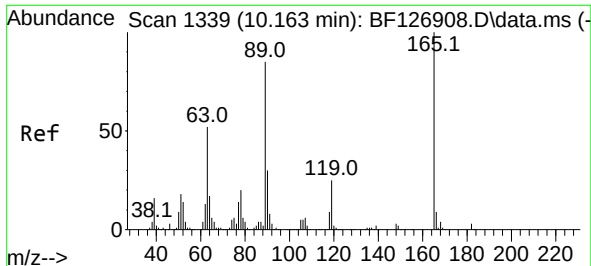
Ion Ratio Lower Upper

165 100

63 1.5 48.4 72.6#

89 1.8 50.5 75.7#

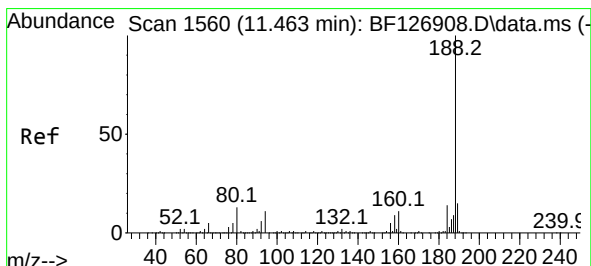
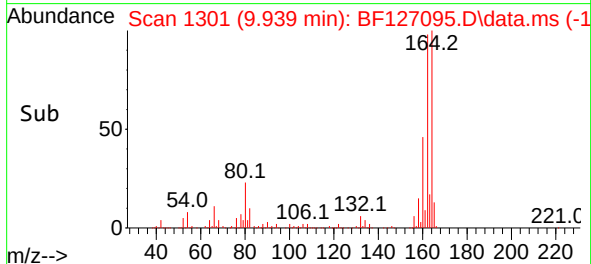
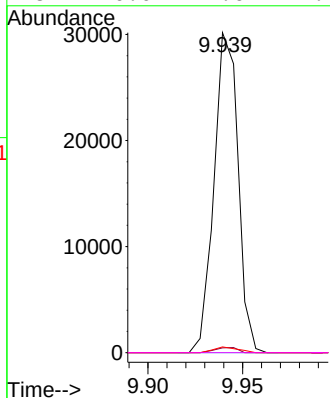
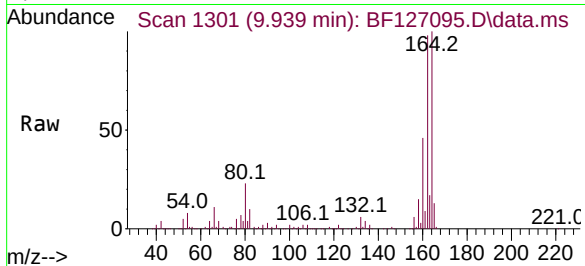




#57
2,4-Dinitrotoluene
Concen: 6.583 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127095.D
Acq: 28 Feb 2022 12:59

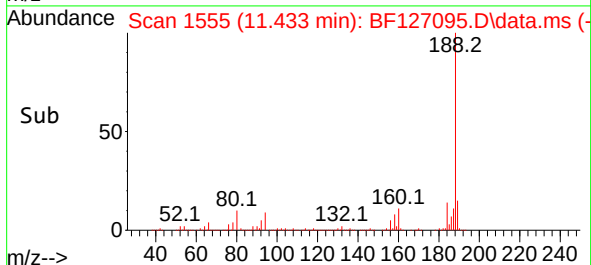
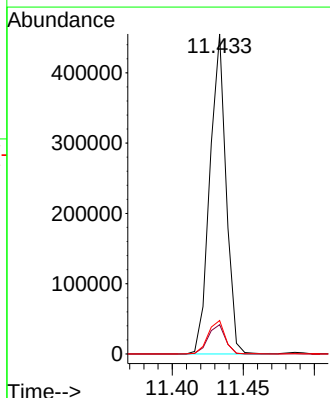
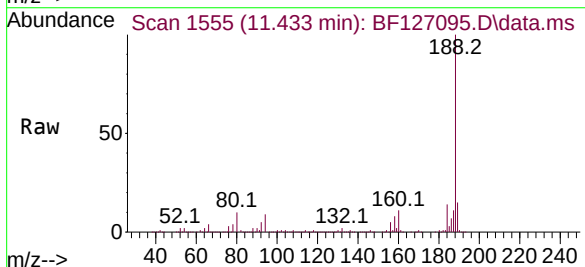
Instrument :
BNA_F
ClientSampleId :
TP-8

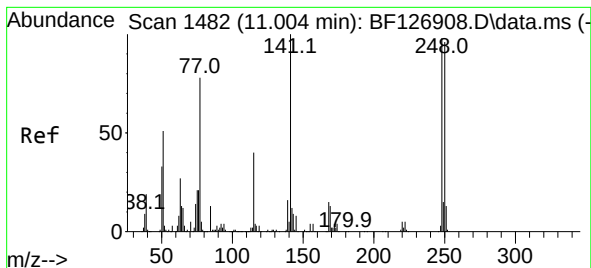
Tgt Ion:165 Resp: 26641
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.8 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.012 min
Lab File: BF127095.D
Acq: 28 Feb 2022 12:59

Tgt Ion:188 Resp: 362096
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1#
80 10.5 11.8 17.6#

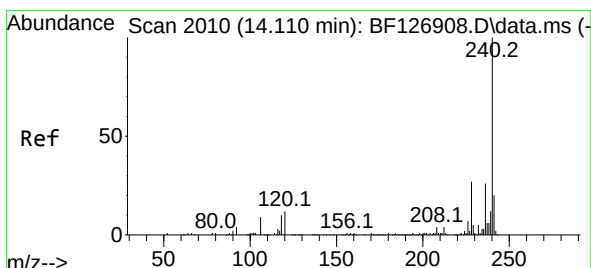
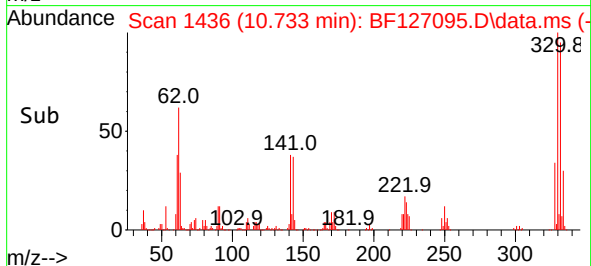
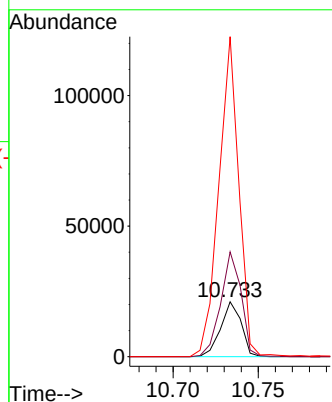
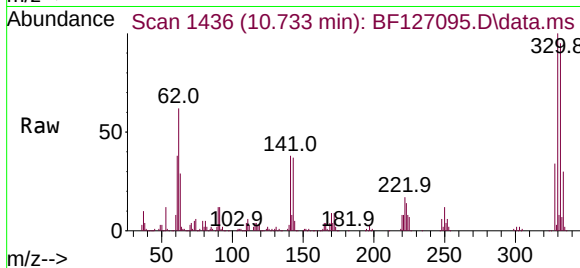




#67
4-Bromophenyl-phenylether
Concen: 4.362 ng
RT: 10.733 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF127095.D
Acq: 28 Feb 2022 12:59

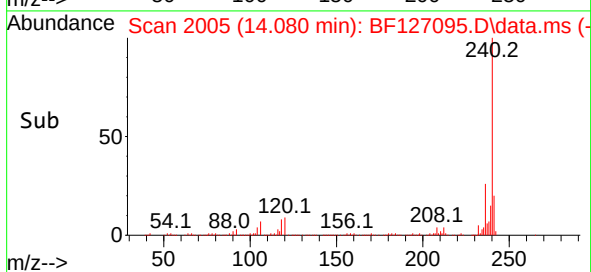
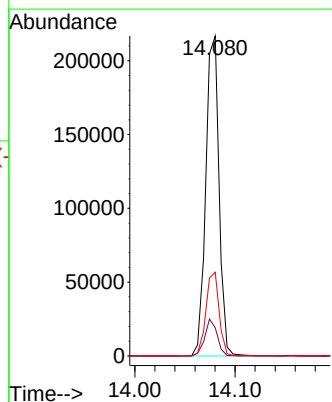
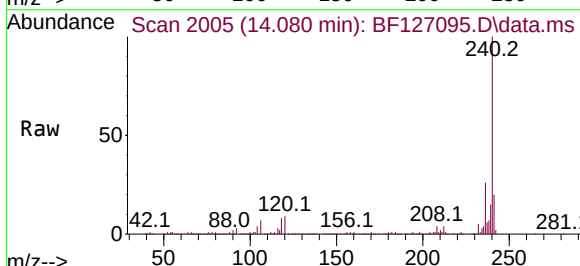
Instrument :
BNA_F
ClientSampleId :
TP-8

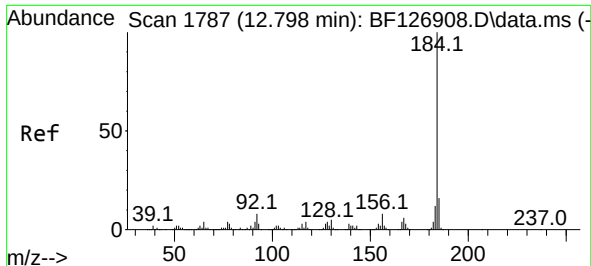
Tgt Ion:248 Resp: 17649
Ion Ratio Lower Upper
248 100
250 191.0 76.2 114.4#
141 583.4 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127095.D
Acq: 28 Feb 2022 12:59

Tgt Ion:240 Resp: 200816
Ion Ratio Lower Upper
240 100
120 8.8 14.4 21.6#
236 26.2 20.5 30.7

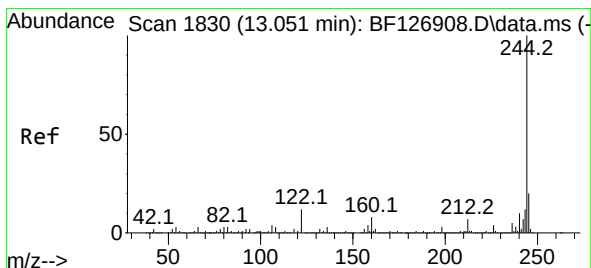
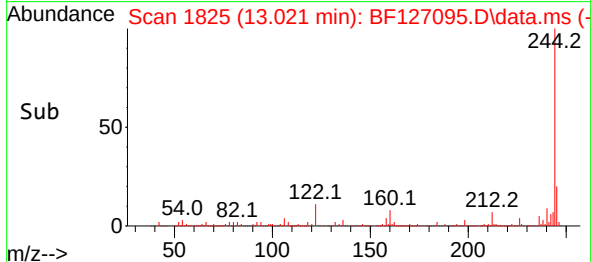
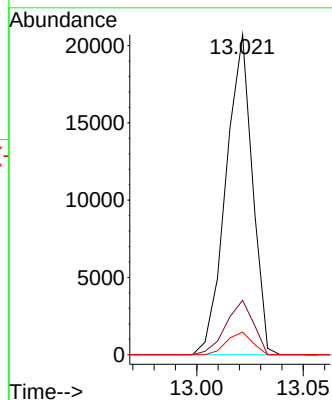
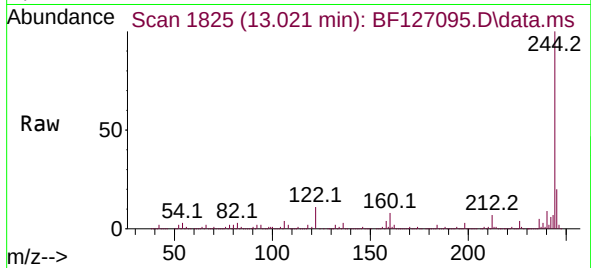




#77
Benzidine
Concen: 3.264 ng
RT: 13.021 min Scan# 1825
Delta R.T. 0.247 min
Lab File: BF127095.D
Acq: 28 Feb 2022 12:59

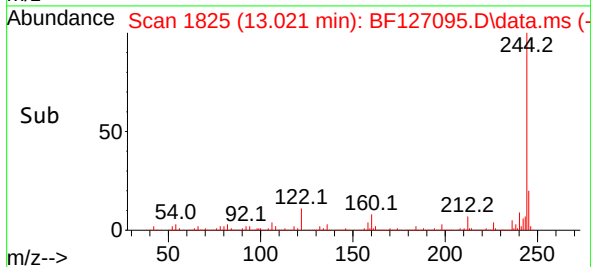
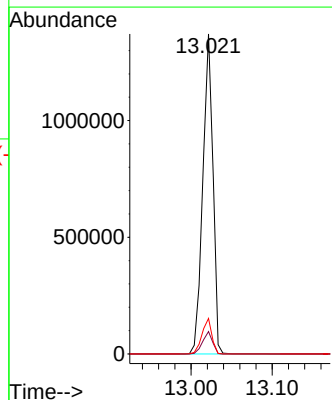
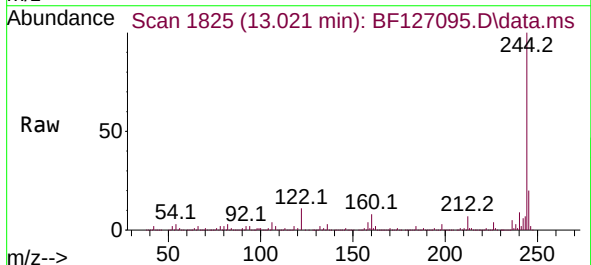
Instrument :
BNA_F
ClientSampleId :
TP-8

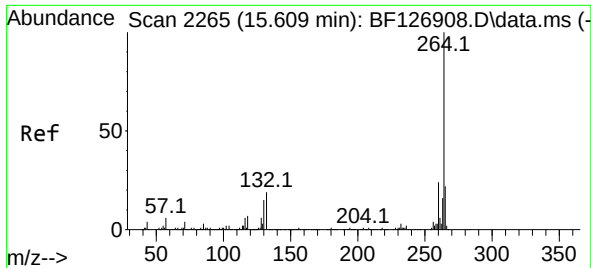
Tgt Ion:184 Resp: 17810
Ion Ratio Lower Upper
184 100
185 17.0 11.8 17.8
183 7.1 8.2 12.2#



#79
Terphenyl-d14
Concen: 87.099 ng
RT: 13.021 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF127095.D
Acq: 28 Feb 2022 12:59

Tgt Ion:244 Resp: 1189819
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 11.1 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF127095.D
 Acq: 28 Feb 2022 12:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Tgt Ion:264 Resp: 176106
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.1 17.4 26.2

