

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127798.D
 Acq On : 15 Apr 2022 11:20
 Operator : CG\JU
 Sample : PB144095TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144095TB

Quant Time: Apr 18 01:22:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

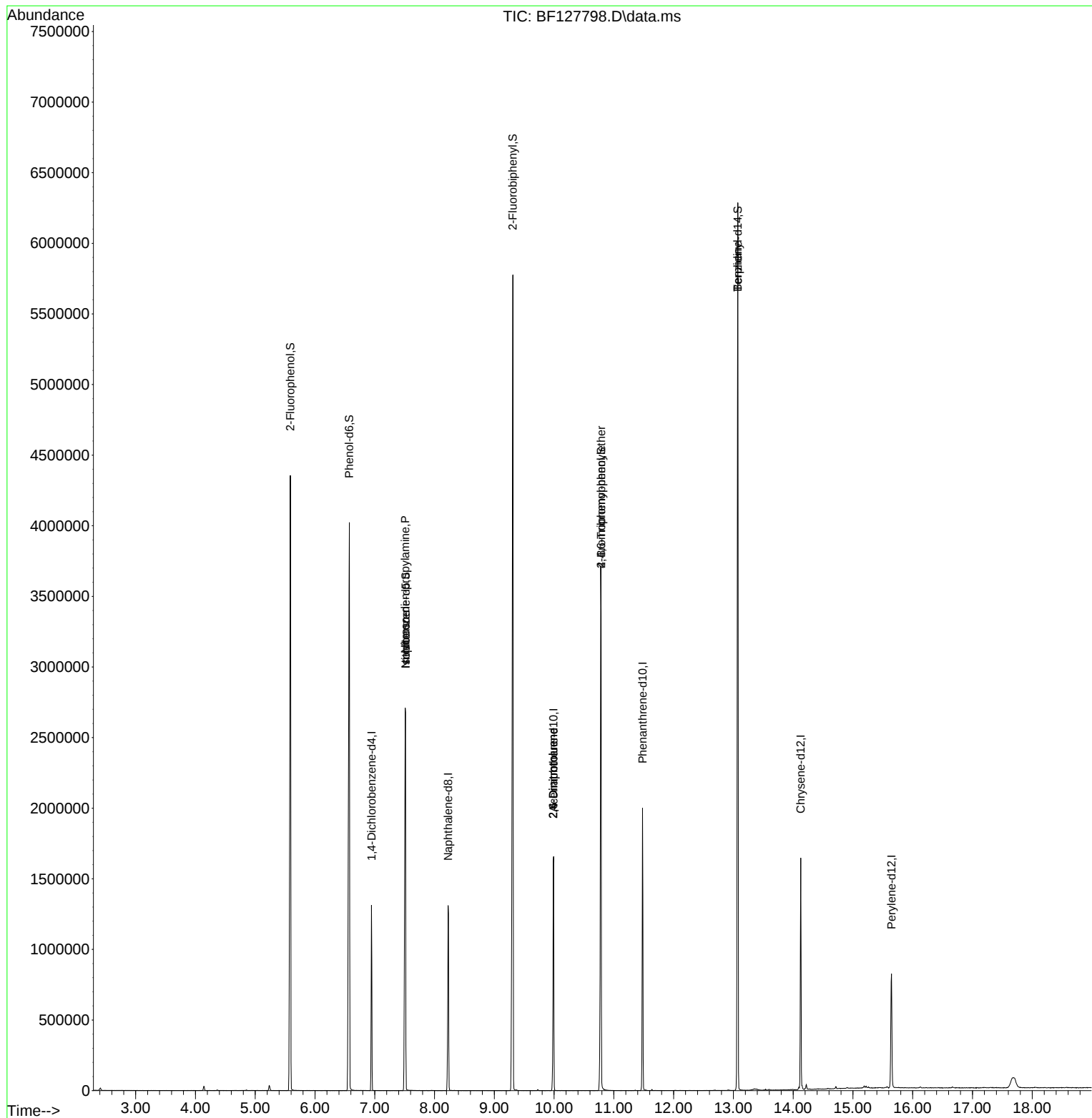
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	183536	20.000	ng	-0.02
21) Naphthalene-d8	8.228	136	675063	20.000	ng	#-0.02
39) Acenaphthene-d10	9.992	164	384296	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	721944	20.000	ng	-0.01
76) Chrysene-d12	14.127	240	558845	20.000	ng	-0.02
86) Perylene-d12	15.645	264	418580	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1310191	115.995	ng	0.00
7) Phenol-d6	6.575	99	1658164	112.216	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1198502	79.149	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	508515	124.347	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	2046654	75.341	ng	-0.01
79) Terphenyl-d14	13.074	244	2440225	72.074	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	2779	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.510	70	162953	17.050	ng	# 76
25) Isophorone	7.516	82	1193557	45.172	ng	# 70
51) 2,6-Dinitrotoluene	9.986	165	49023	9.336	ng	# 17
57) 2,4-Dinitrotoluene	9.986	165	49023	7.531	ng	# 14
67) 4-Bromophenyl-phenylether	10.786	248	33160	3.785	ng	# 1
77) Benzydine	13.074	184	35030	2.402	ng	# 94

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

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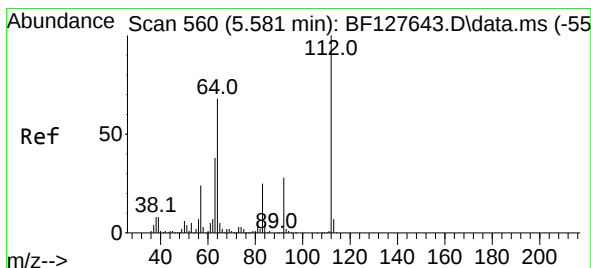
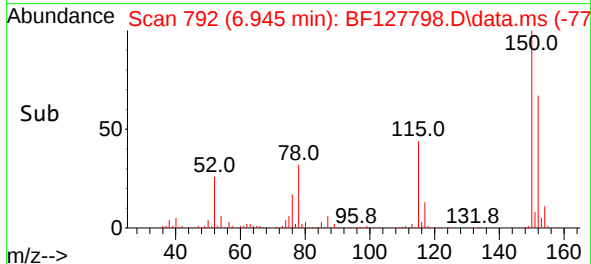
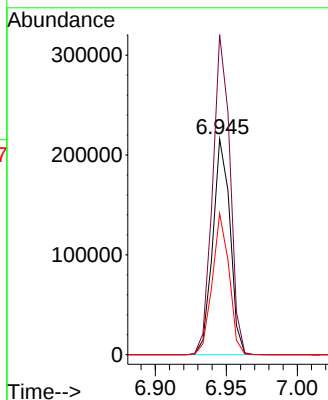
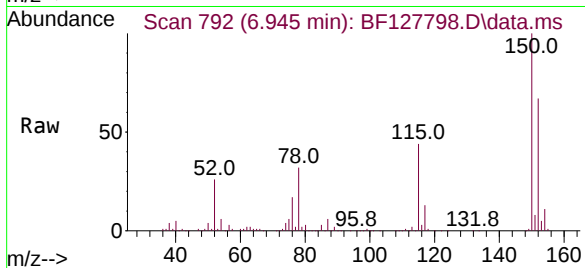




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 795
Delta R.T. -0.018 min
Lab File: BF127798.D
Acq: 15 Apr 2022 11:20

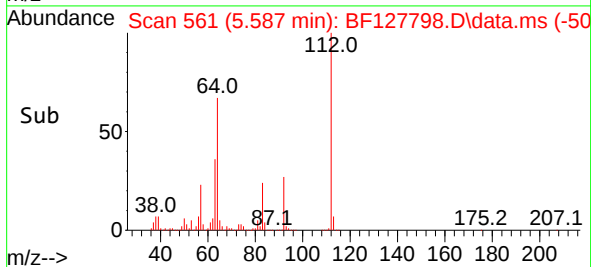
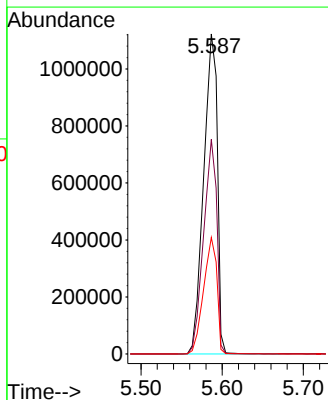
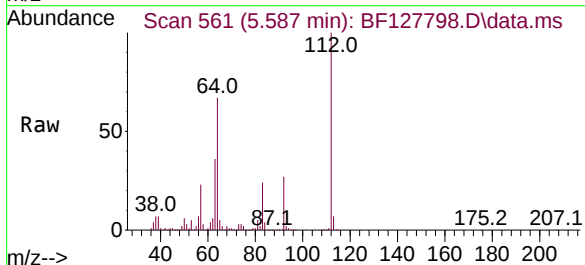
Instrument :
BNA_F
ClientSampleId :
PB144095TB

Tgt Ion:152 Resp: 183536
Ion Ratio Lower Upper
152 100
150 148.4 117.2 175.8
115 65.4 49.8 74.6



#5
2-Fluorophenol
Concen: 115.995 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127798.D
Acq: 15 Apr 2022 11:20

Tgt Ion:112 Resp: 1310191
Ion Ratio Lower Upper
112 100
64 67.0 58.4 87.6
63 36.4 30.1 45.1

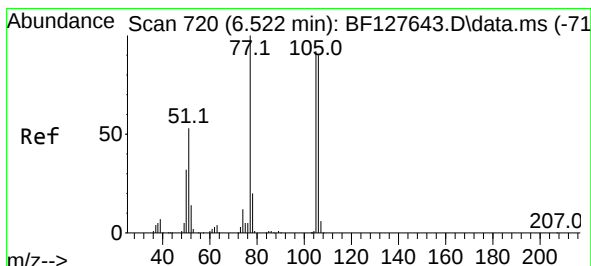
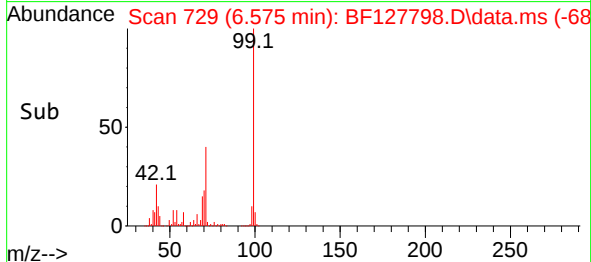
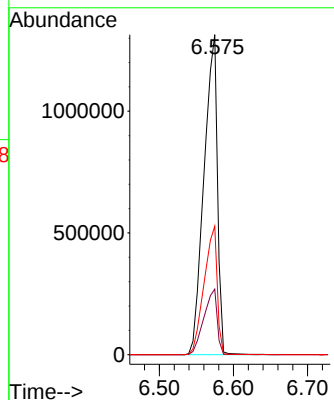
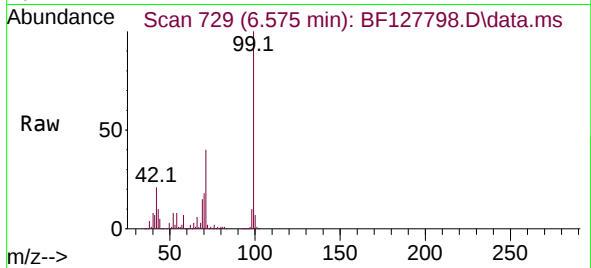




#7
Phenol-d6
Concen: 112.216 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127798.D
Acq: 15 Apr 2022 11:20

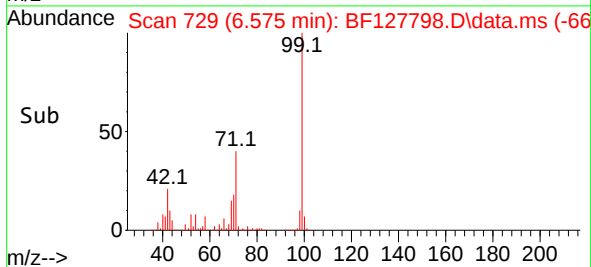
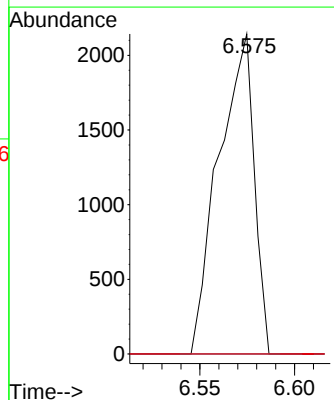
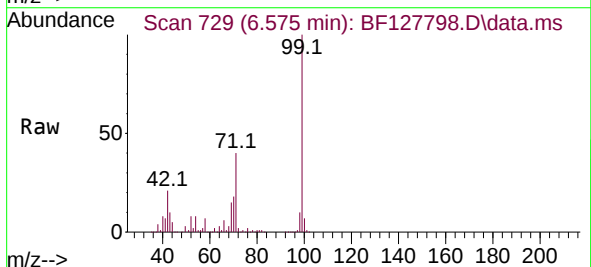
Instrument :
BNA_F
ClientSampleId :
PB144095TB

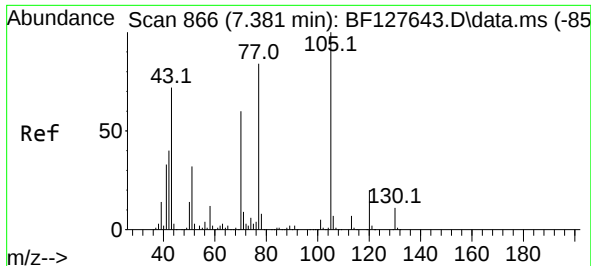
Tgt Ion: 99 Resp: 1658164
Ion Ratio Lower Upper
99 100
42 20.5 17.8 26.6
71 40.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.575 min Scan# 729
Delta R.T. 0.059 min
Lab File: BF127798.D
Acq: 15 Apr 2022 11:20

Tgt Ion: 77 Resp: 2779
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

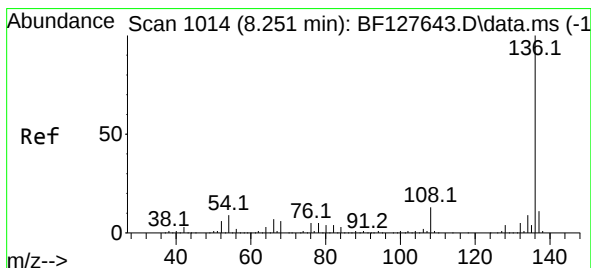
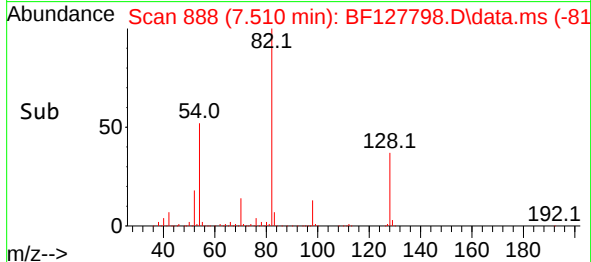
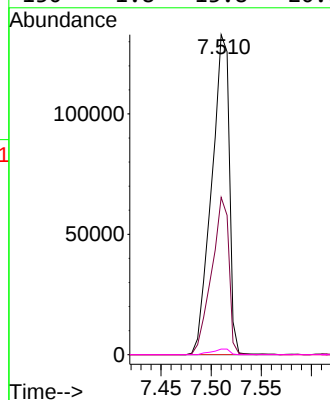
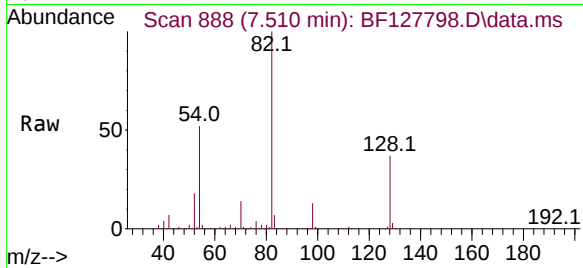




#19
n-Nitroso-di-n-propylamine
Concen: 17.050 ng
RT: 7.510 min Scan# 81
Delta R.T. 0.135 min
Lab File: BF127798.D
Acq: 15 Apr 2022 11:20

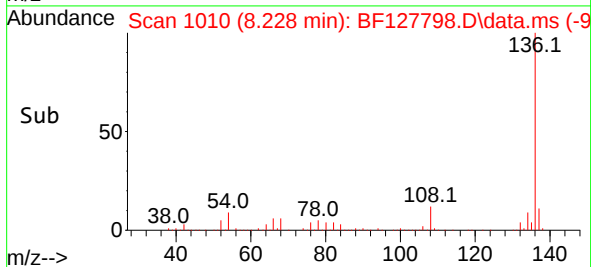
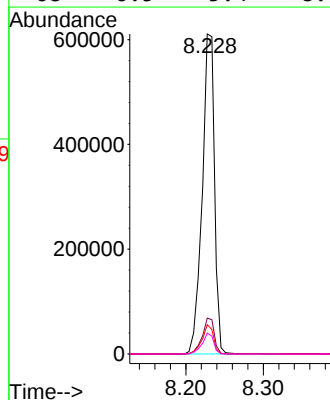
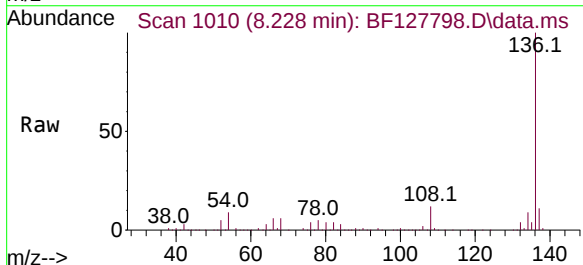
Instrument :
BNA_F
ClientSampleId :
PB144095TB

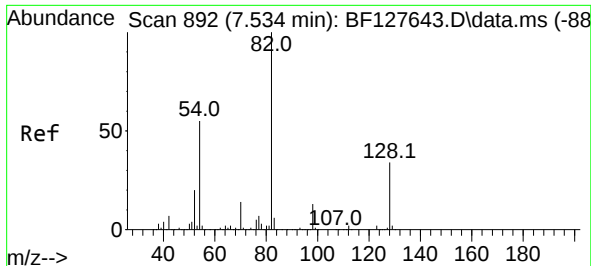
Tgt Ion: 70 Resp: 162953
Ion Ratio Lower Upper
70 100
42 49.2 53.0 79.6#
101 0.0 6.8 10.2#
130 1.8 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.018 min
Lab File: BF127798.D
Acq: 15 Apr 2022 11:20

Tgt Ion: 136 Resp: 675063
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.2 9.2 13.8#
68 6.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 79.149 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF127798.D

Acq: 15 Apr 2022 11:20

Instrument :

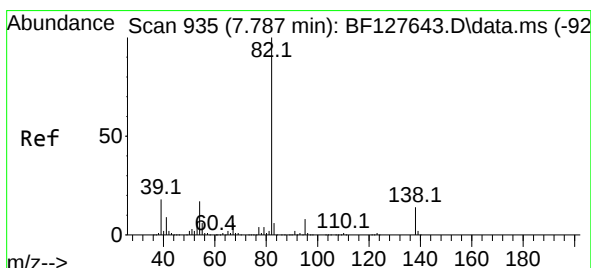
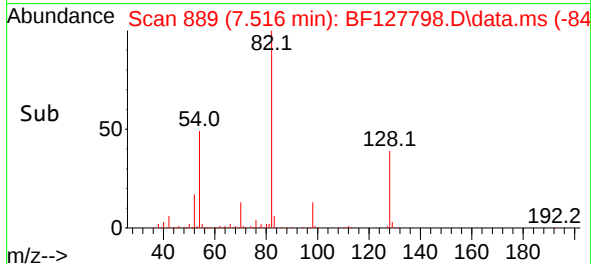
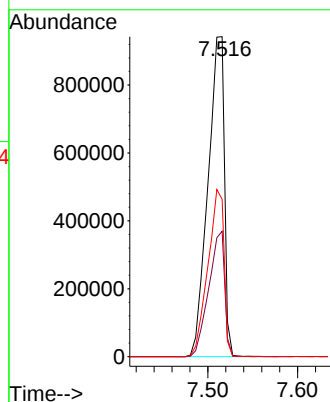
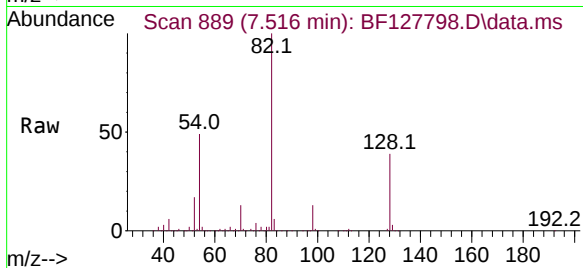
BNA_F

ClientSampleId :

PB144095TB

Tgt Ion: 82 Resp: 1198502

Ion	Ratio	Lower	Upper
82	100		
128	39.2	30.6	45.8
54	49.2	48.2	72.2



#25

Isophorone

Concen: 45.172 ng

RT: 7.516 min Scan# 889

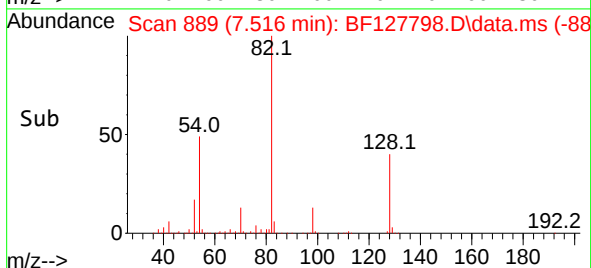
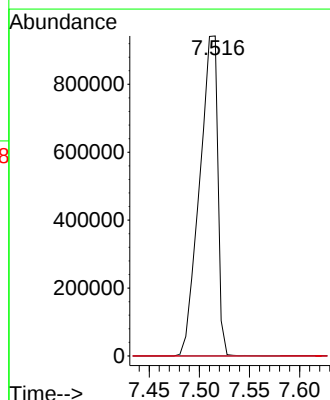
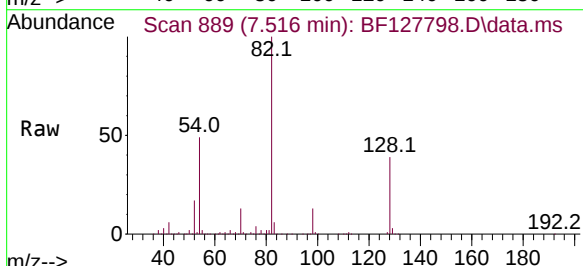
Delta R.T. -0.271 min

Lab File: BF127798.D

Acq: 15 Apr 2022 11:20

Tgt Ion: 82 Resp: 1193557

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	11.6	17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127798.D

Acq: 15 Apr 2022 11:20

Instrument :

BNA_F

ClientSampleId :

PB144095TB

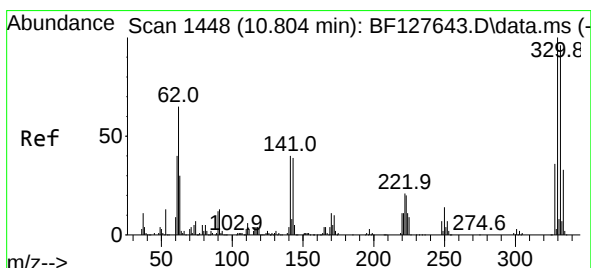
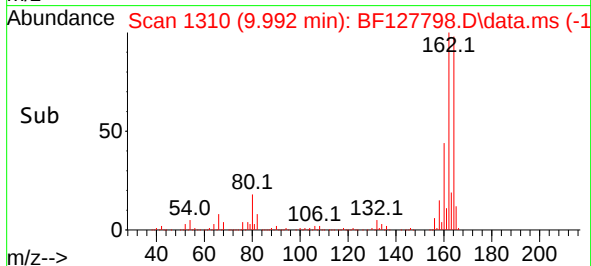
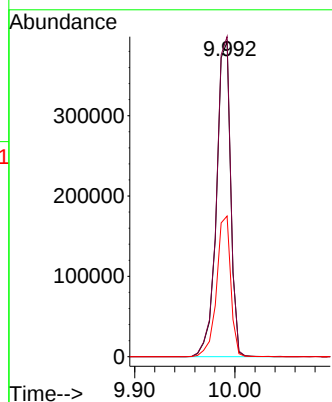
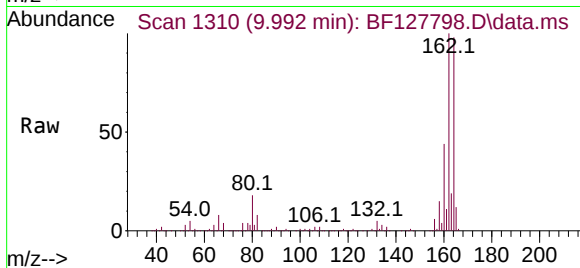
Tgt Ion:164 Resp: 384296

Ion Ratio Lower Upper

164 100

162 101.6 81.2 121.8

160 44.7 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 124.347 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF127798.D

Acq: 15 Apr 2022 11:20

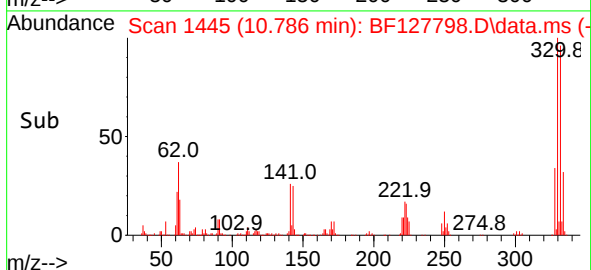
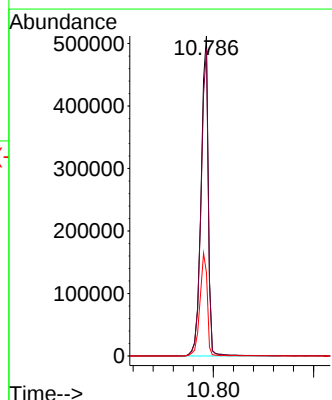
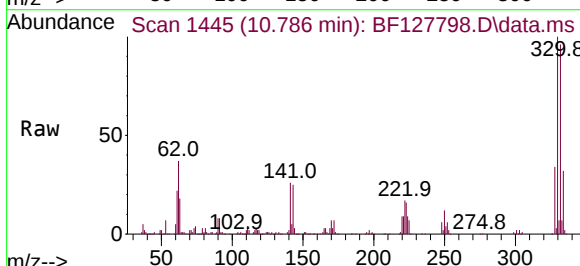
Tgt Ion:330 Resp: 508515

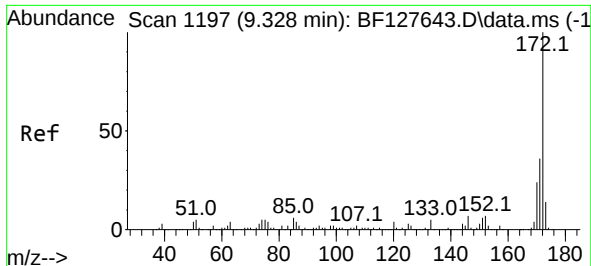
Ion Ratio Lower Upper

330 100

332 95.4 79.1 118.7

141 32.6 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 75.341 ng

RT: 9.310 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF127798.D

Acq: 15 Apr 2022 11:20

Instrument :

BNA_F

ClientSampleId :

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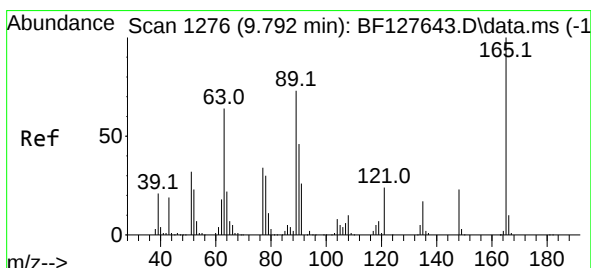
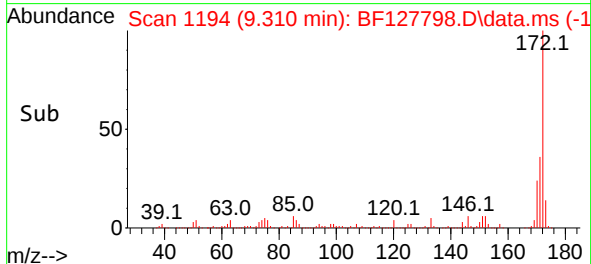
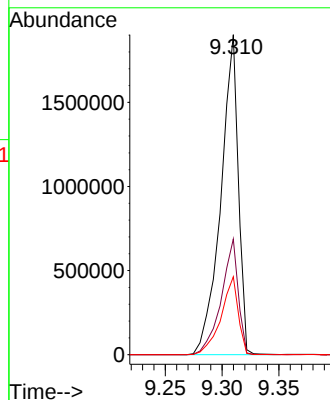
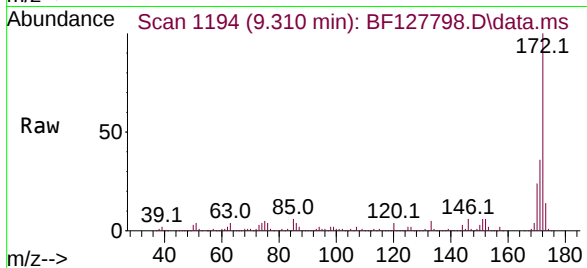
Tgt Ion:172 Resp: 2046654

Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.4 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.336 ng

RT: 9.986 min Scan# 1309

Delta R.T. 0.200 min

Lab File: BF127798.D

Acq: 15 Apr 2022 11:20

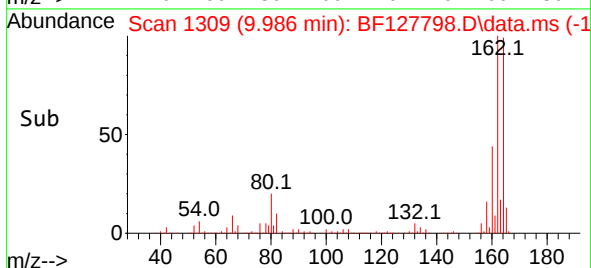
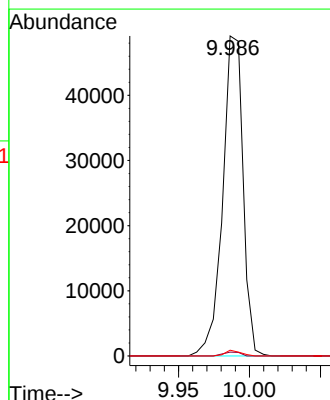
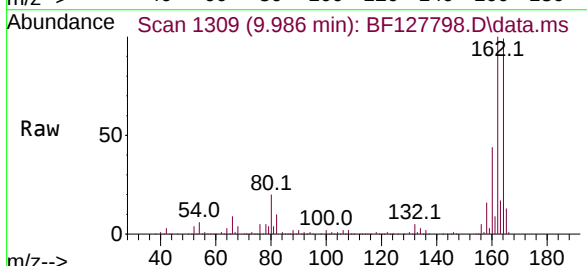
Tgt Ion:165 Resp: 49023

Ion Ratio Lower Upper

165 100

63 1.2 58.3 87.5#

89 1.8 51.5 77.3#

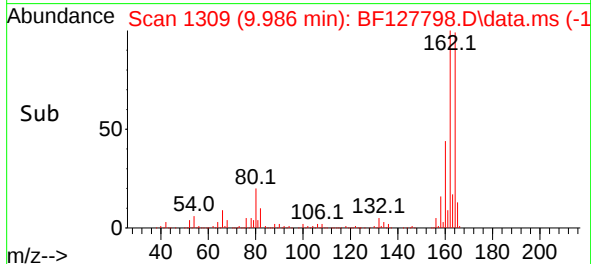
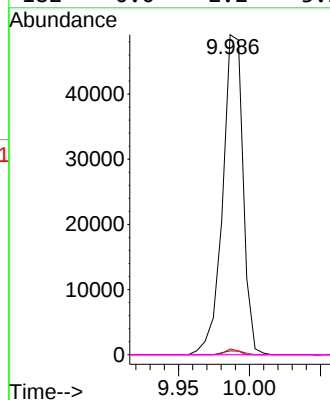
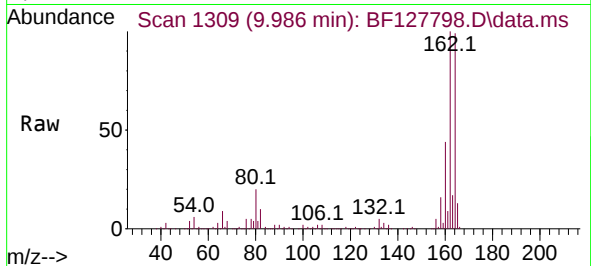




#57
2,4-Dinitrotoluene
Concen: 7.531 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127798.D
Acq: 15 Apr 2022 11:20

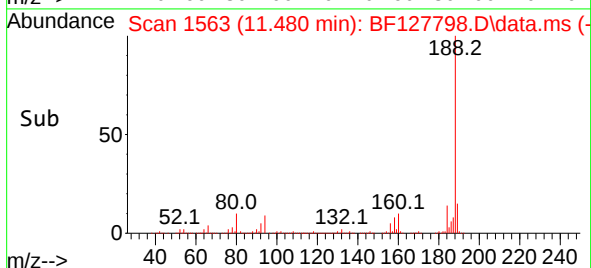
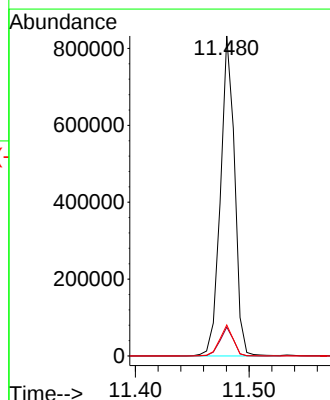
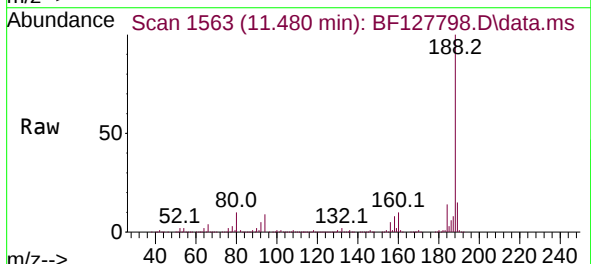
Instrument :
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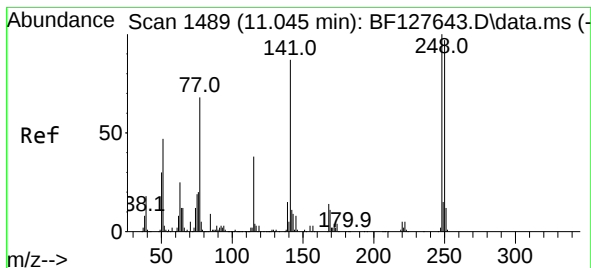
Tgt Ion:165 Resp: 49023
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.8 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF127798.D
Acq: 15 Apr 2022 11:20

Tgt Ion:188 Resp: 721944
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 9.7 8.0 12.0

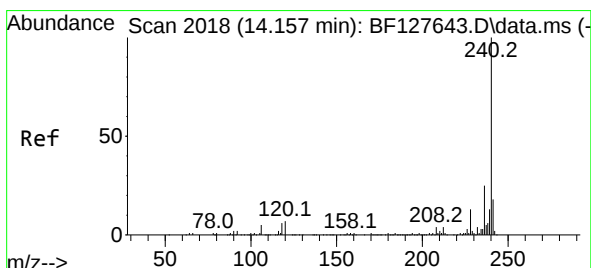
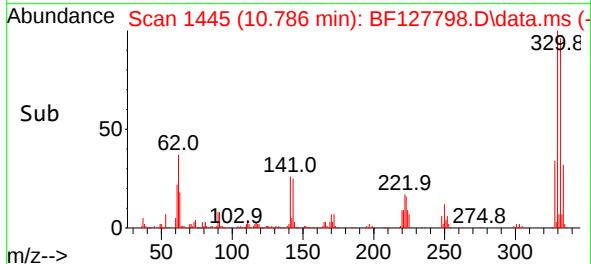
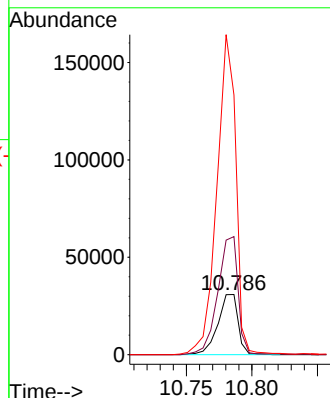
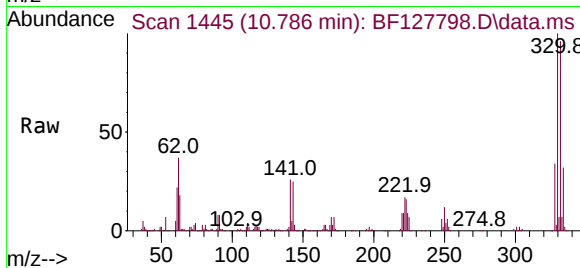




#67
4-Bromophenyl-phenylether
Concen: 3.785 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.253 min
Lab File: BF127798.D
Acq: 15 Apr 2022 11:20

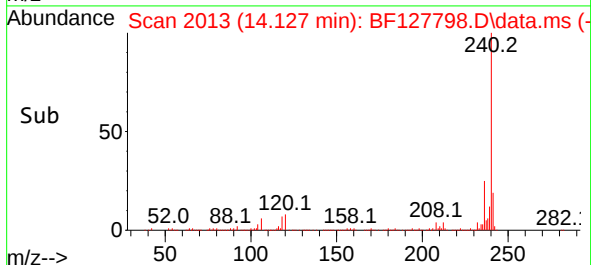
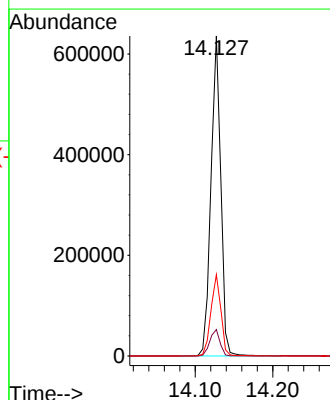
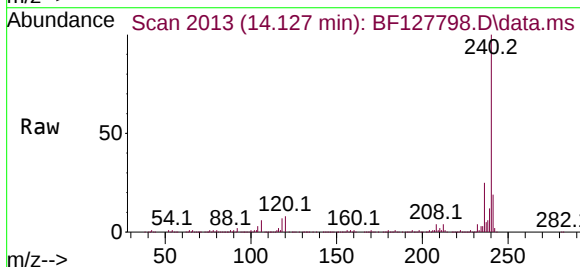
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BNA_F
ClientSampleId :
PB144095TB

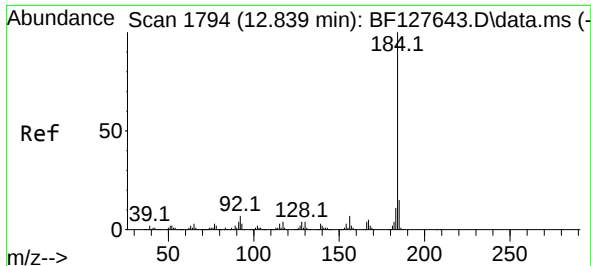
Tgt Ion:248 Resp: 33160
Ion Ratio Lower Upper
248 100
250 196.0 76.6 115.0#
141 431.2 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF127798.D
Acq: 15 Apr 2022 11:20

Tgt Ion:240 Resp: 558845
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 25.4 20.7 31.1

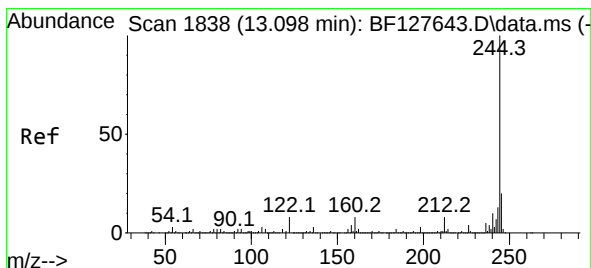
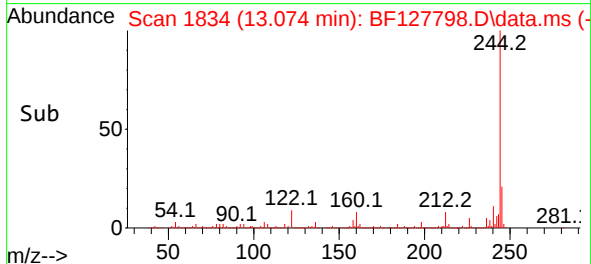
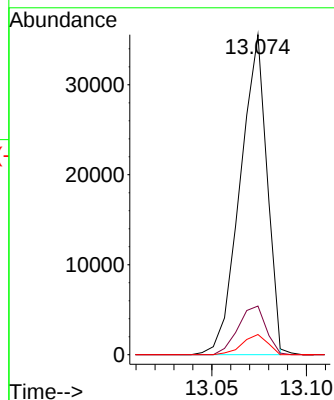
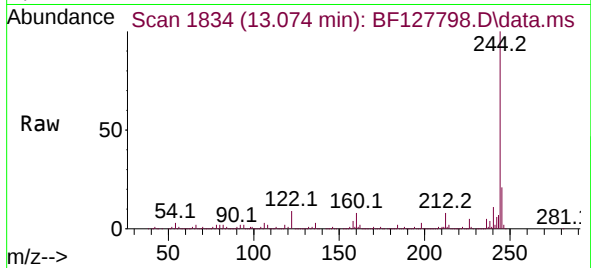




#77
Benzidine
Concen: 2.402 ng
RT: 13.074 min Scan# 1834
Delta R.T. 0.247 min
Lab File: BF127798.D
Acq: 15 Apr 2022 11:20

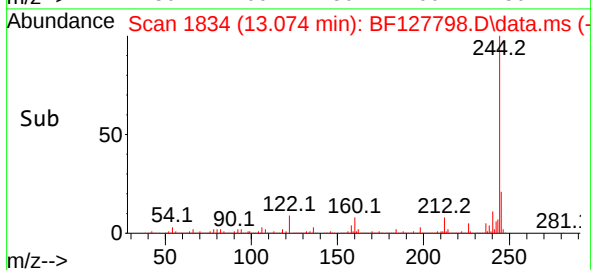
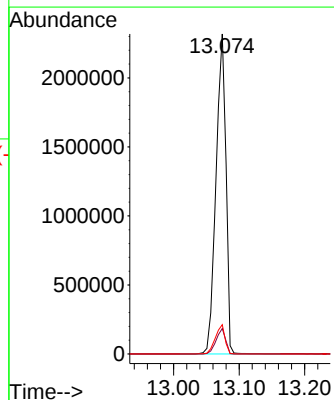
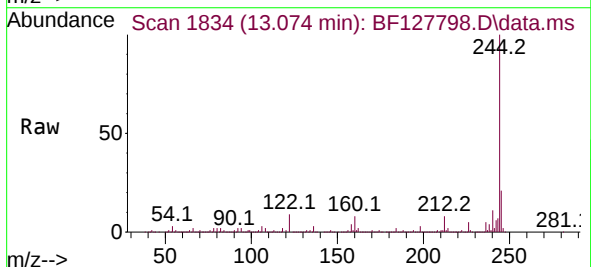
Instrument :
BNA_F
ClientSampleId :
PB144095TB

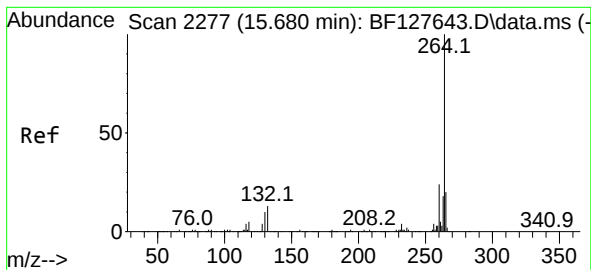
Tgt Ion:184 Resp: 35030
Ion Ratio Lower Upper
184 100
185 15.2 12.2 18.2
183 6.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 72.074 ng
RT: 13.074 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF127798.D
Acq: 15 Apr 2022 11:20

Tgt Ion:244 Resp: 2440225
Ion Ratio Lower Upper
244 100
212 8.0 5.7 8.5
122 9.1 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF127798.D
Acq: 15 Apr 2022 11:20

Instrument :
BNA_F
ClientSampleId :
PB144095TB

Tgt Ion:264 Resp: 418580

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.1	17.4	26.2

