

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128308.D
 Acq On : 18 May 2022 12:59
 Operator : CG\JU
 Sample : PB144780TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144780TB

Quant Time: May 18 16:49:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

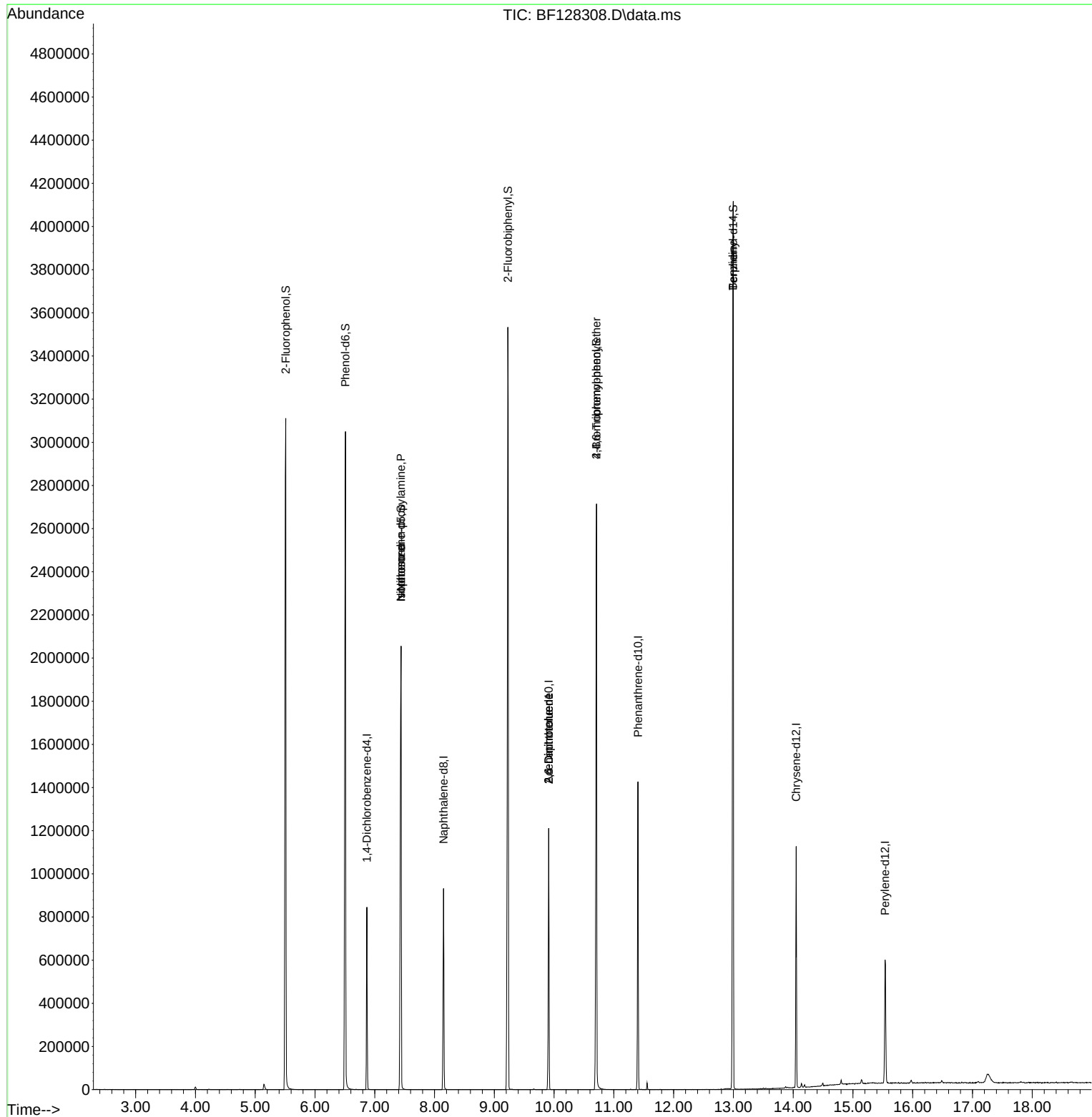
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	108172	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	433632	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	255517	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	482045	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	360842	20.000	ng	-0.01
86) Perylene-d12	15.539	264	264670	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	841059	123.947	ng	0.01
7) Phenol-d6	6.510	99	1109400	123.609	ng	0.00
23) Nitrobenzene-d5	7.439	82	837342	86.888	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	346086	118.099	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1346537	82.457	ng	-0.01
79) Terphenyl-d14	12.998	244	1656618	86.146	ng	0.00
Target Compounds						
9) Benzaldehyde	6.510	77	1974	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propyla...	7.439	70	113461	20.528	ng	# 83
25) Isophorone	7.439	82	836084	55.339	ng	# 68
51) 2,6-Dinitrotoluene	9.910	165	33003	9.124	ng	# 21
57) 2,4-Dinitrotoluene	9.910	165	33003	6.824	ng	# 26
67) 4-Bromophenyl-phenylether	10.710	248	21596	4.164	ng	# 1
77) Benizidine	12.992	184	24867	3.182	ng	# 93

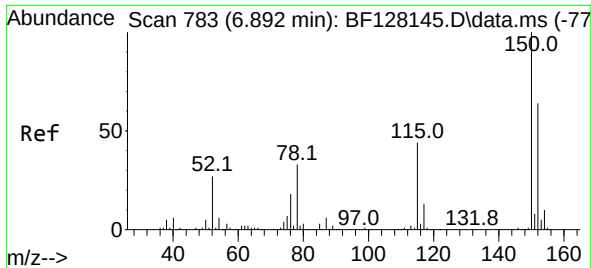
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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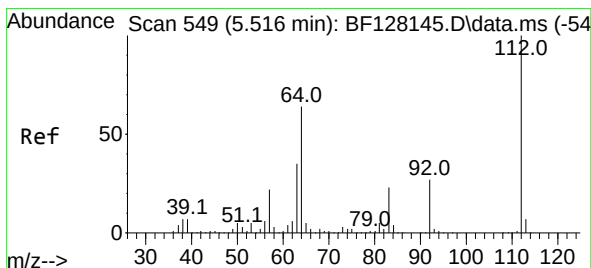
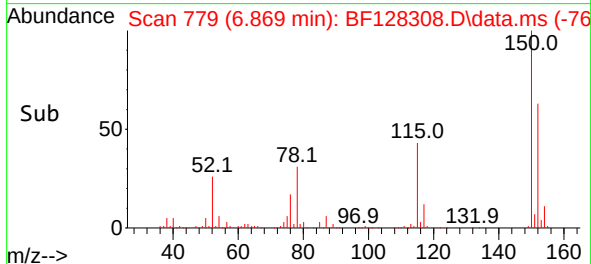
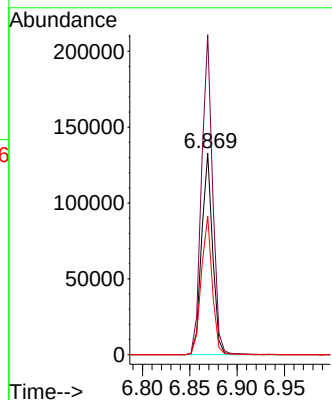
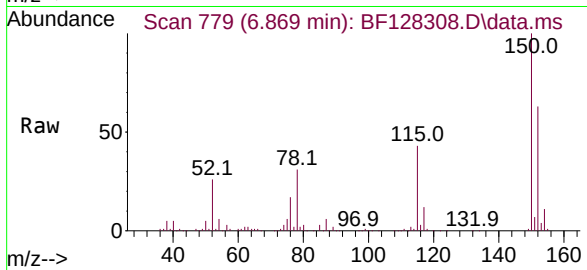




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF128308.D
 Acq: 18 May 2022 12:59

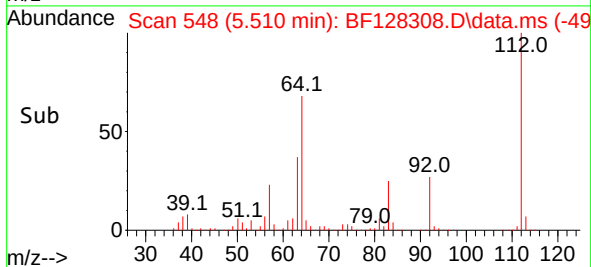
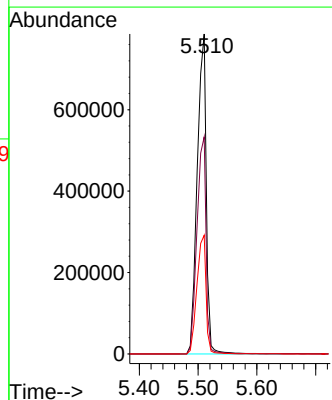
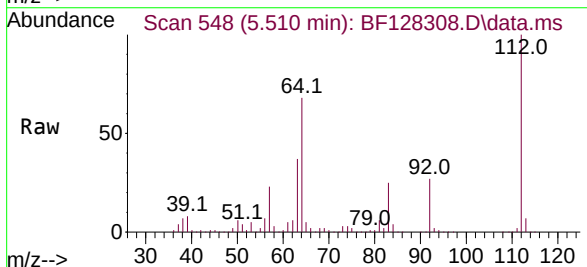
Instrument :
 BNA_F
 ClientSampleId :
 PB144780TB

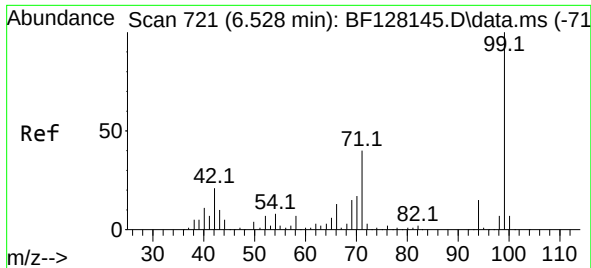
Tgt Ion:152 Resp: 108172
 Ion Ratio Lower Upper
 152 100
 150 158.8 125.3 187.9
 115 68.7 48.8 73.2



#5
 2-Fluorophenol
 Concen: 123.947 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: BF128308.D
 Acq: 18 May 2022 12:59

Tgt Ion:112 Resp: 841059
 Ion Ratio Lower Upper
 112 100
 64 67.8 49.5 74.3
 63 37.1 26.3 39.5

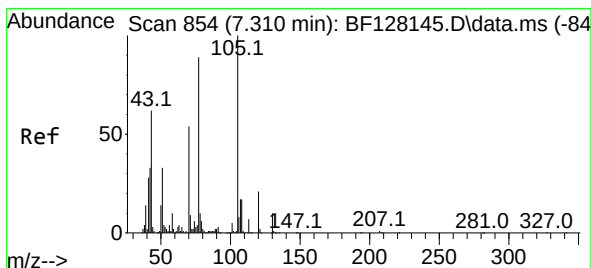
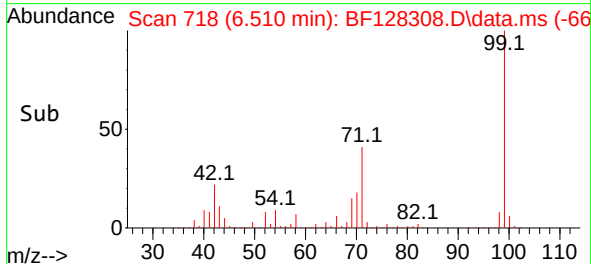
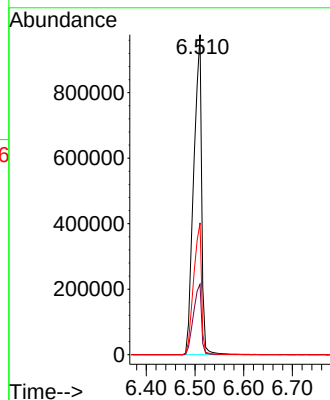
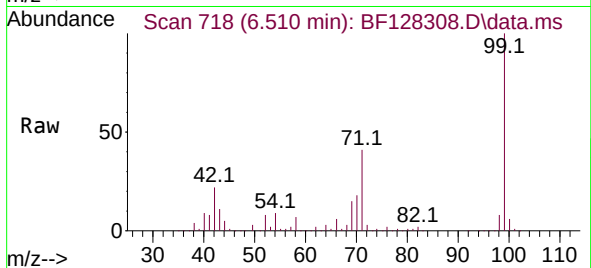




#7
Phenol-d6
Concen: 123.609 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

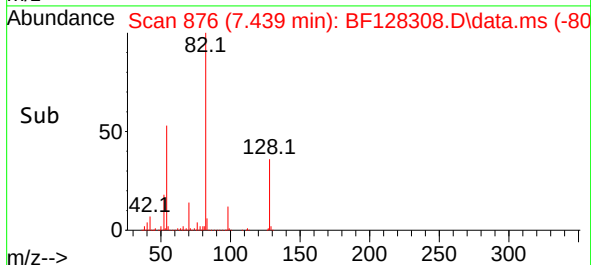
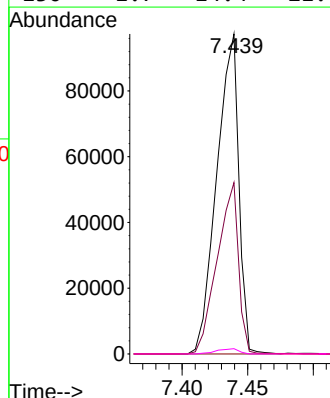
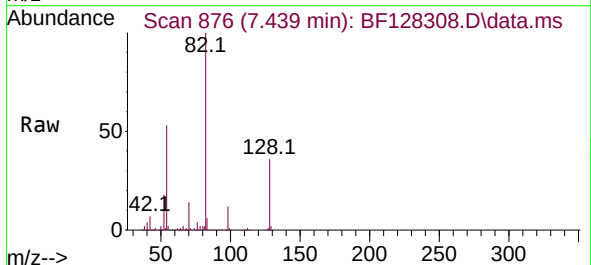
Instrument :
BNA_F
ClientSampleId :
PB144780TB

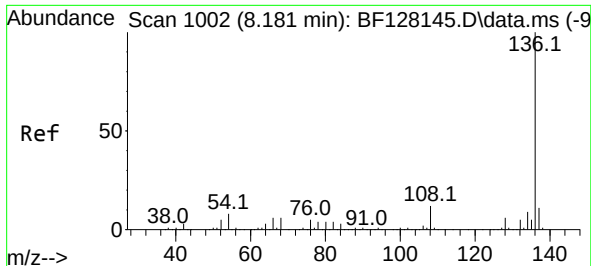
Tgt Ion: 99 Resp: 1109400
Ion Ratio Lower Upper
99 100
42 22.0 16.6 24.8
71 41.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.528 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.141 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

Tgt Ion: 70 Resp: 113461
Ion Ratio Lower Upper
70 100
42 53.5 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

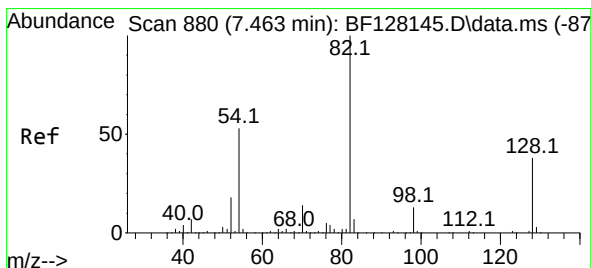
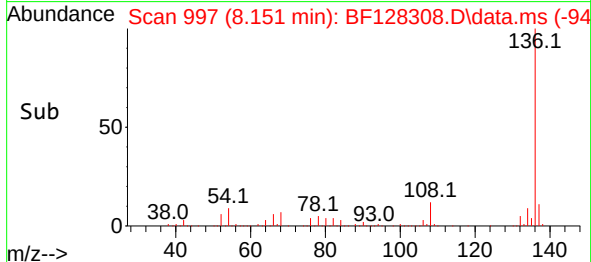
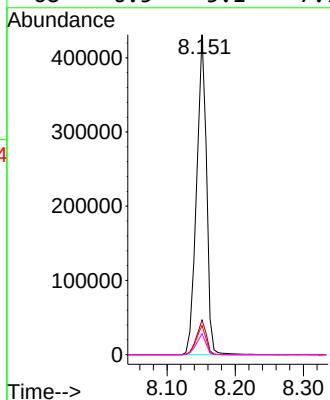
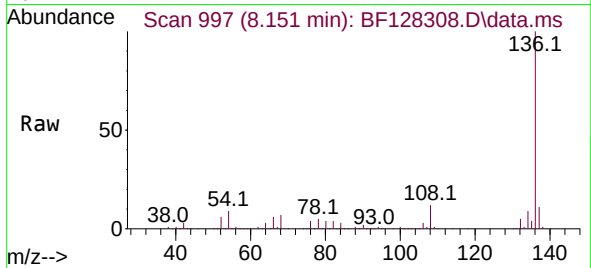




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

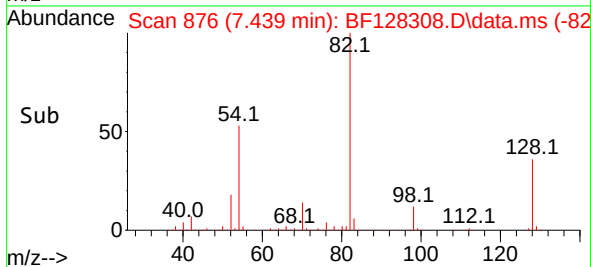
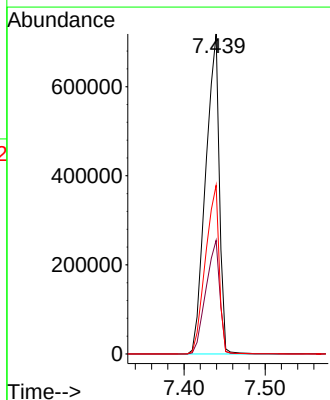
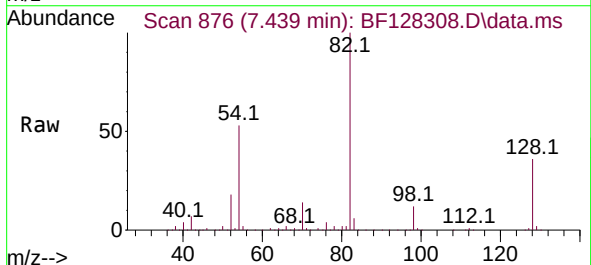
Instrument :
BNA_F
ClientSampleId :
PB144780TB

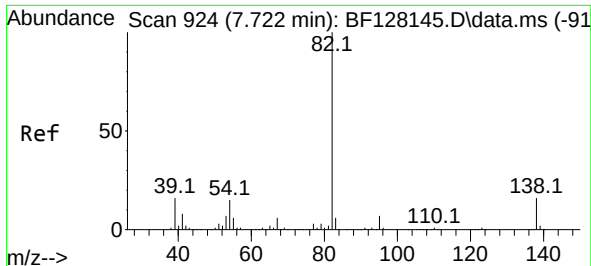
Tgt Ion:136 Resp: 433632
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.1 6.8 10.2
68 6.5 5.1 7.7



#23
Nitrobenzene-d5
Concen: 86.888 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

Tgt Ion: 82 Resp: 837342
Ion Ratio Lower Upper
82 100
128 35.5 30.0 45.0
54 52.7 41.3 61.9

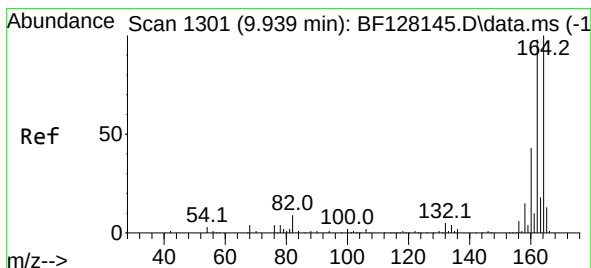
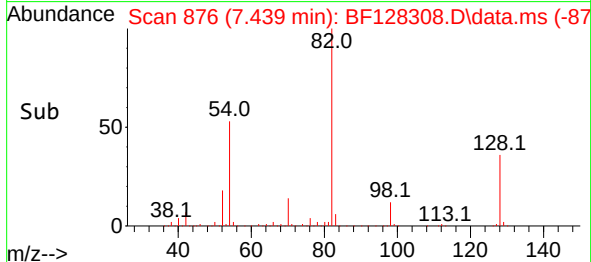
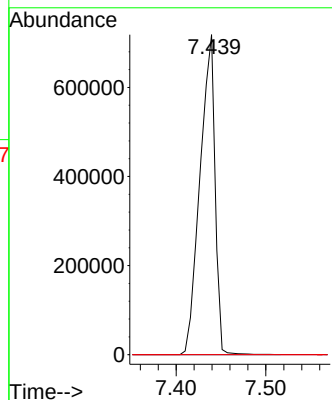
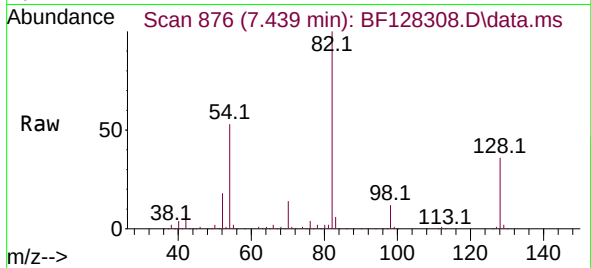




#25
Isophorone
Concen: 55.339 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

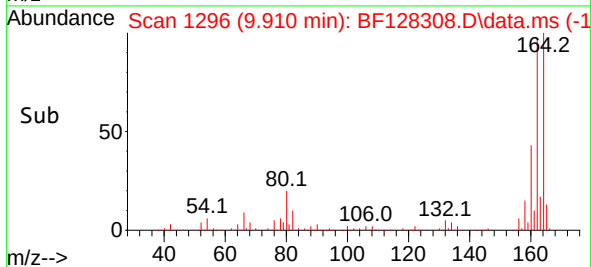
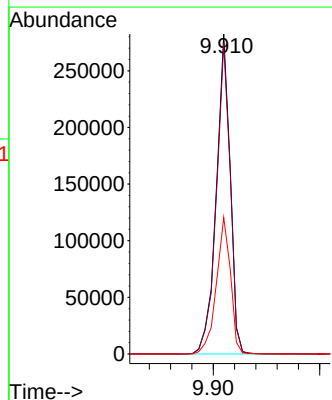
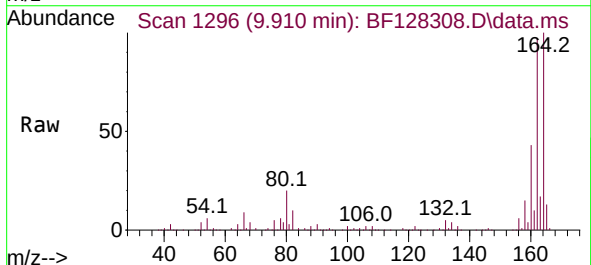
Instrument :
BNA_F
ClientSampleId :
PB144780TB

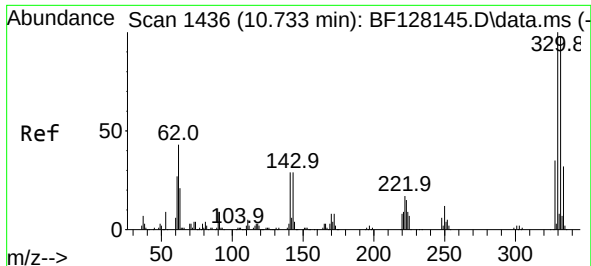
Tgt Ion: 82 Resp: 836084
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

Tgt Ion:164 Resp: 255517
Ion Ratio Lower Upper
164 100
162 97.0 76.0 114.0
160 42.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 118.099 ng

RT: 10.710 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF128308.D

Acq: 18 May 2022 12:59

Instrument :

BNA_F

ClientSampleId :

PB144780TB

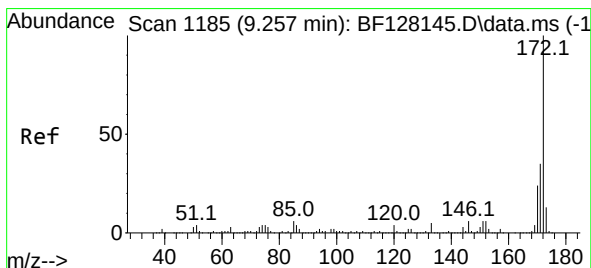
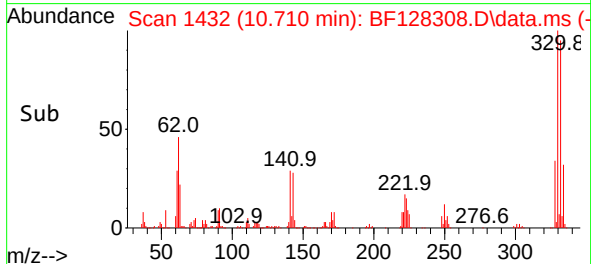
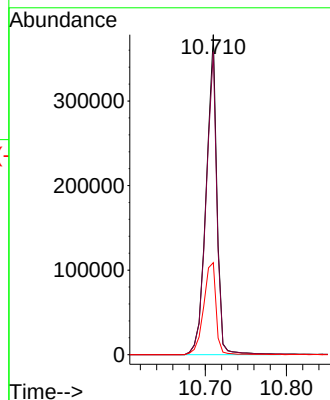
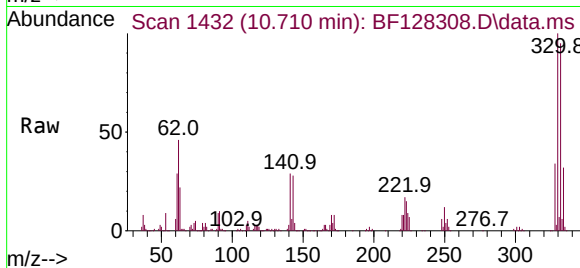
Tgt Ion:330 Resp: 346086

Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

141 33.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 82.457 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.012 min

Lab File: BF128308.D

Acq: 18 May 2022 12:59

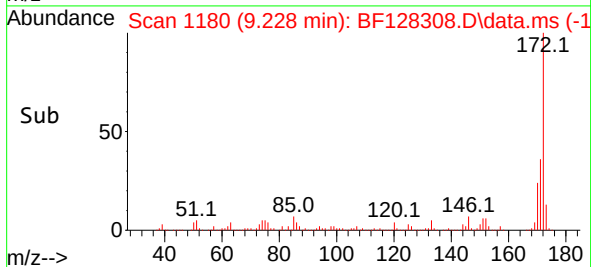
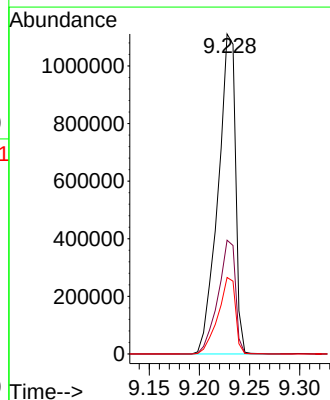
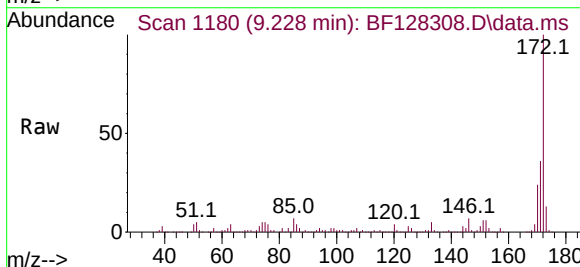
Tgt Ion:172 Resp: 1346537

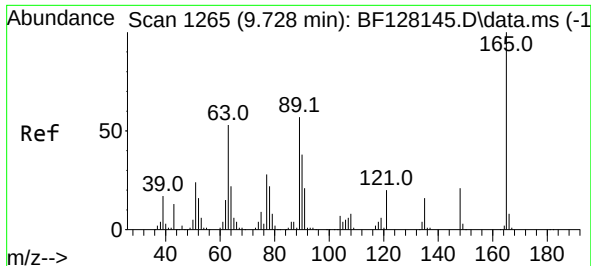
Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.9 19.1 28.7

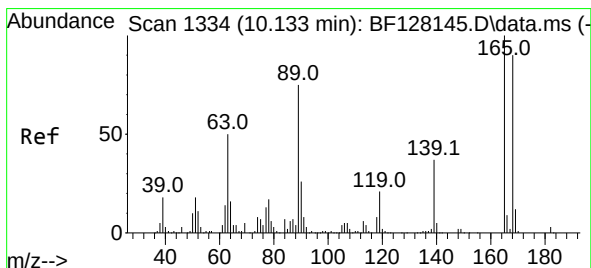
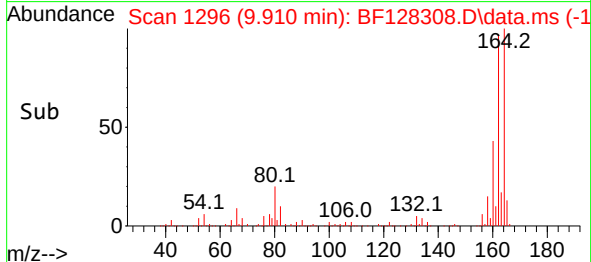
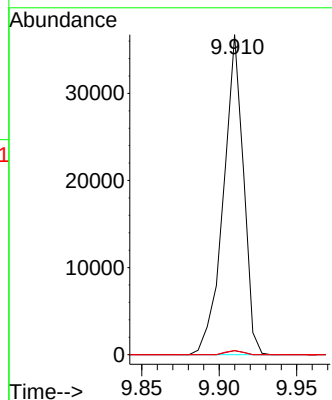
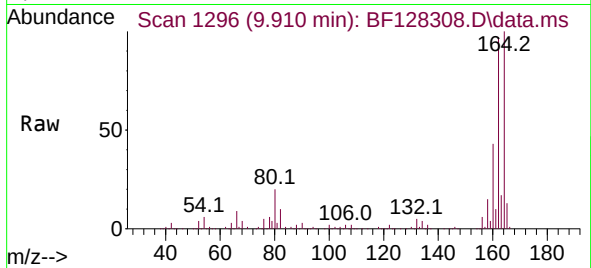




#51
2,6-Dinitrotoluene
Concen: 9.124 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.200 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

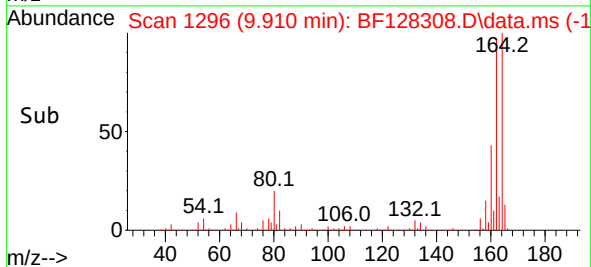
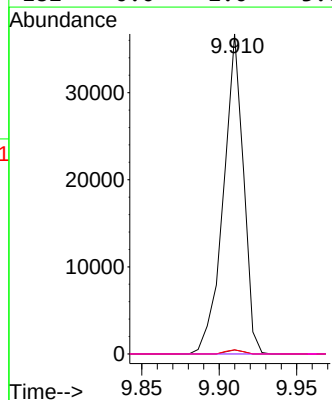
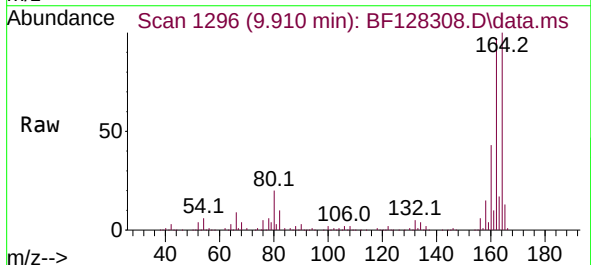
Instrument :
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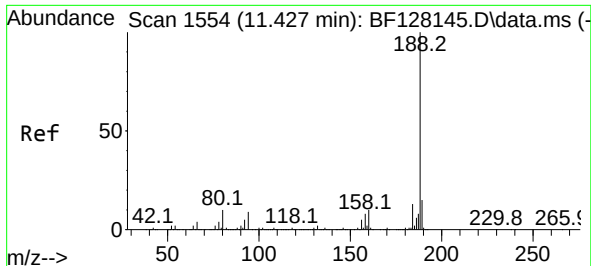
Tgt Ion:165 Resp: 33003
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.824 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.212 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

Tgt Ion:165 Resp: 33003
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#

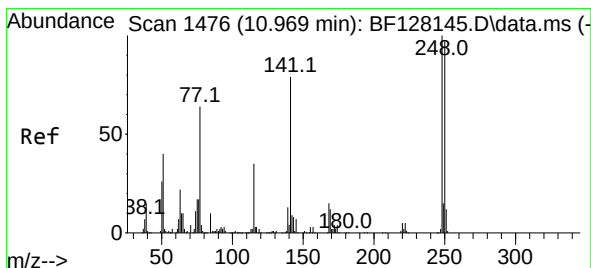
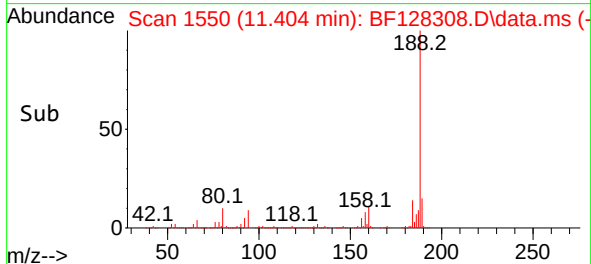
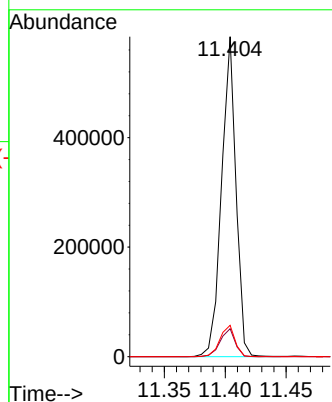
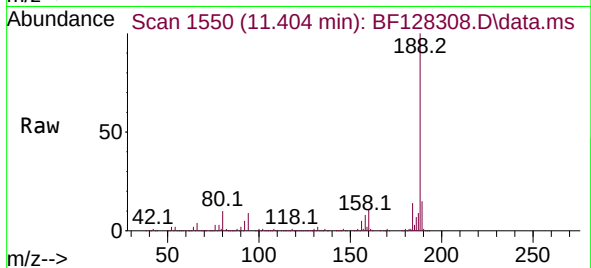




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

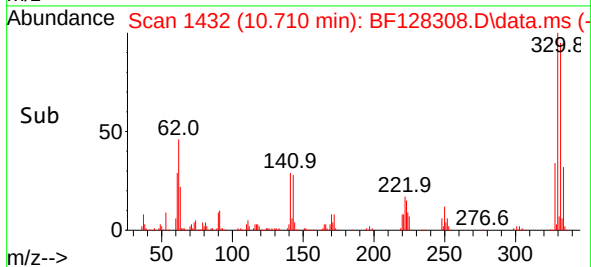
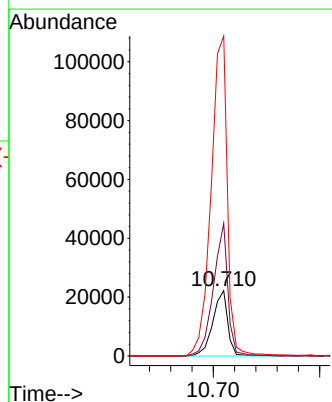
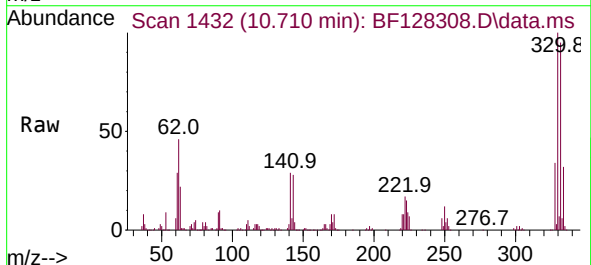
Instrument :
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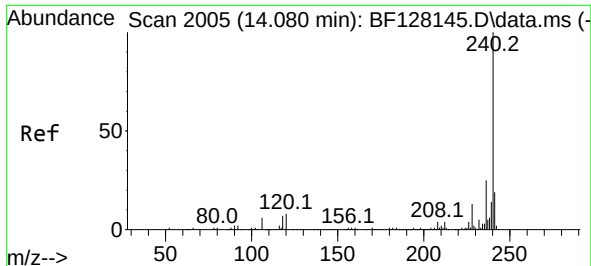
Tgt Ion:188 Resp: 482045
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 9.8 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.164 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.247 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

Tgt Ion:248 Resp: 21596
Ion Ratio Lower Upper
248 100
250 203.1 77.7 116.5#
141 490.5 65.6 98.4#

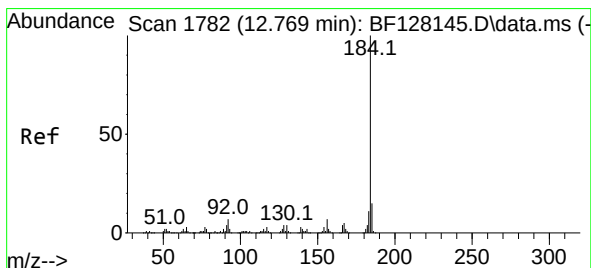
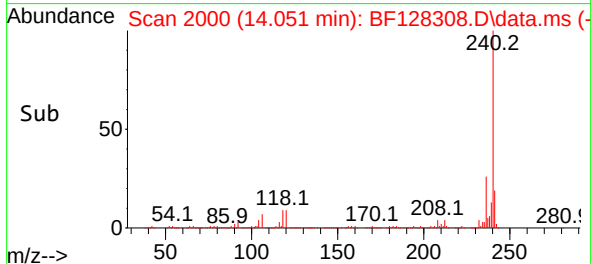
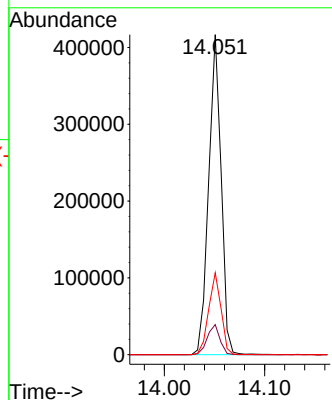
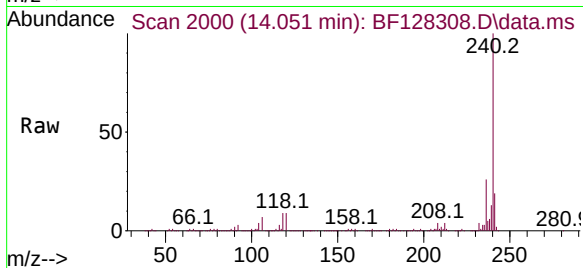




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.012 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

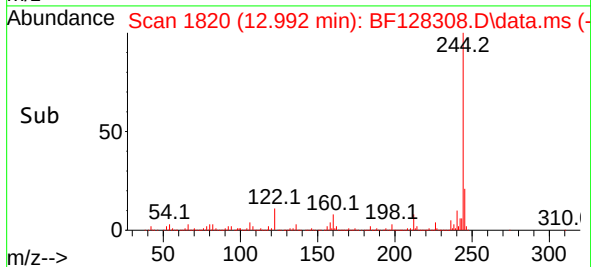
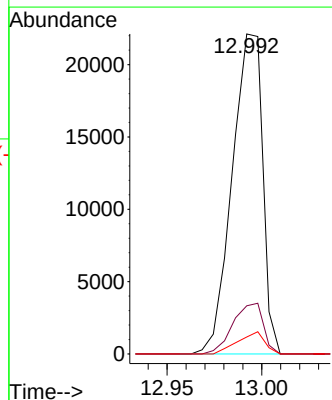
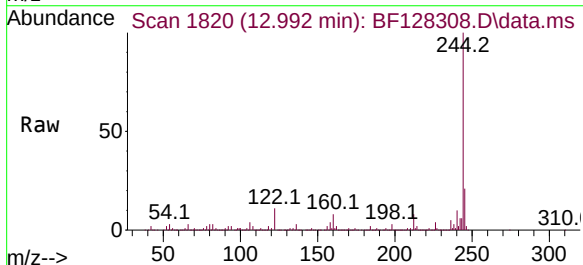
Instrument :
BNA_F
ClientSampleId :
PB144780TB

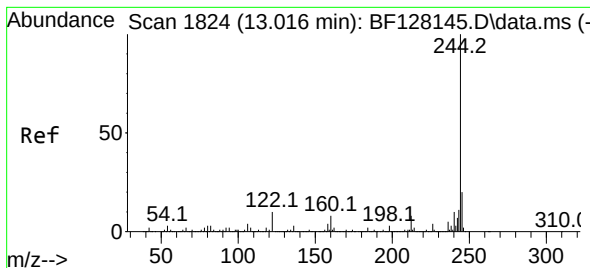
Tgt Ion:240 Resp: 360842
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 25.6 20.3 30.5



#77
Benzidine
Concen: 3.182 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.241 min
Lab File: BF128308.D
Acq: 18 May 2022 12:59

Tgt Ion:184 Resp: 24867
Ion Ratio Lower Upper
184 100
185 15.0 12.1 18.1
183 5.3 9.0 13.4#





#79

Terphenyl-d14

Concen: 86.146 ng

RT: 12.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128308.D

Acq: 18 May 2022 12:59

Instrument :

BNA_F

ClientSampleId :

PB144780TB

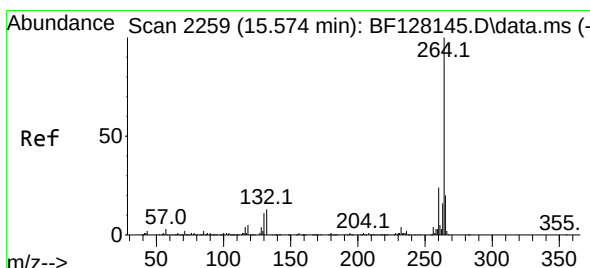
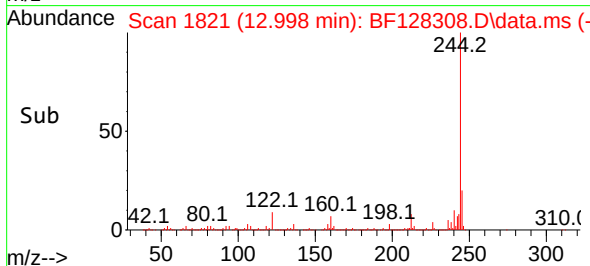
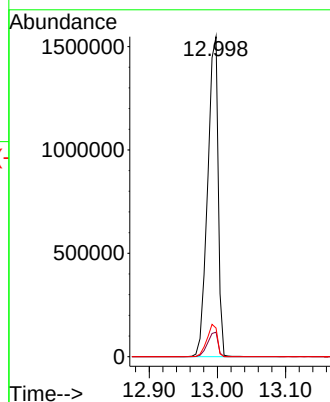
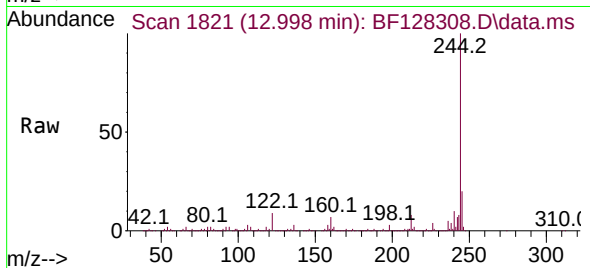
Tgt Ion:244 Resp: 1656618

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.4

122 8.9 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2253

Delta R.T. -0.018 min

Lab File: BF128308.D

Acq: 18 May 2022 12:59

Tgt Ion:264 Resp: 264670

Ion Ratio Lower Upper

264 100

260 23.1 20.1 30.1

265 20.8 17.5 26.3

