

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128394.D
 Acq On : 23 May 2022 11:58
 Operator : CG\JU
 Sample : PB144935TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144935TB

Quant Time: May 24 01:21:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

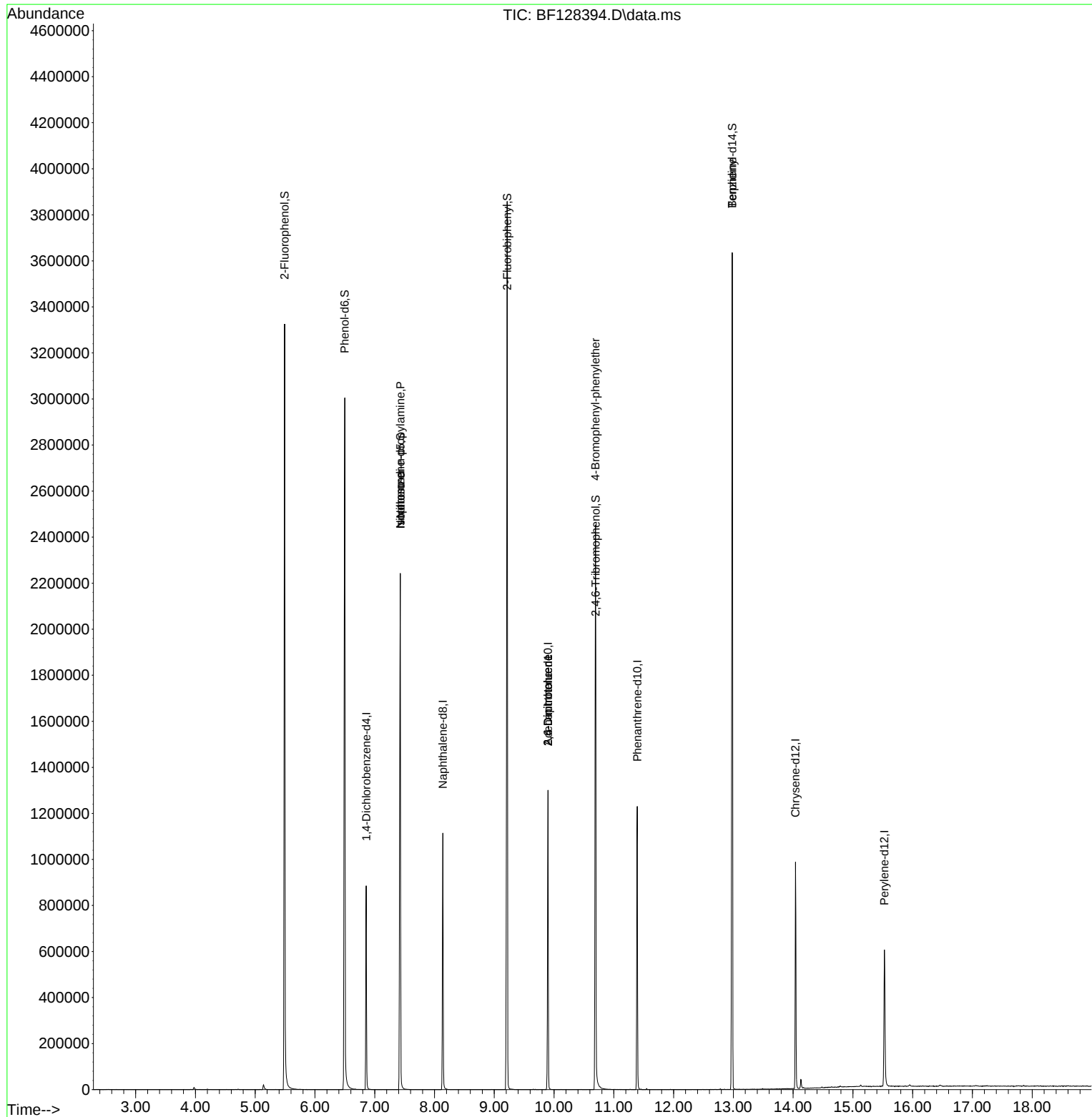
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	124169	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	485334	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	271664	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	460919	20.000	ng	0.00
76) Chrysene-d12	14.039	240	333326	20.000	ng	-0.01
86) Perylene-d12	15.527	264	283736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	892195	114.345	ng	0.01
7) Phenol-d6	6.498	99	1148720	111.804	ng	0.00
23) Nitrobenzene-d5	7.428	82	825694	76.226	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	317767	113.421	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1274424	76.716	ng	0.00
79) Terphenyl-d14	12.980	244	1388827	80.432	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.498	77	1966	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	110527	17.987	ng	# 79
25) Isophorone	7.428	82	825684	49.740	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	35105	9.275	ng	# 22
57) 2,4-Dinitrotoluene	9.898	165	35105	7.362	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	18751	3.887	ng	# 1
77) Benizidine	12.980	184	20876	3.011	ng	# 94

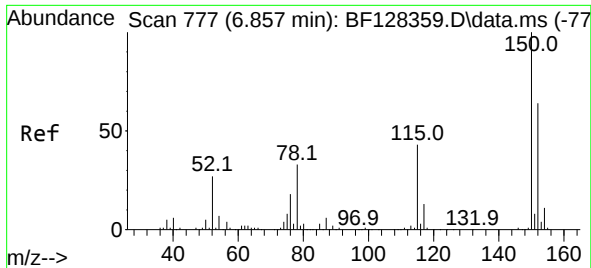
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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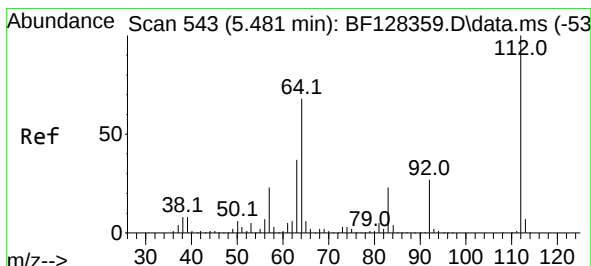
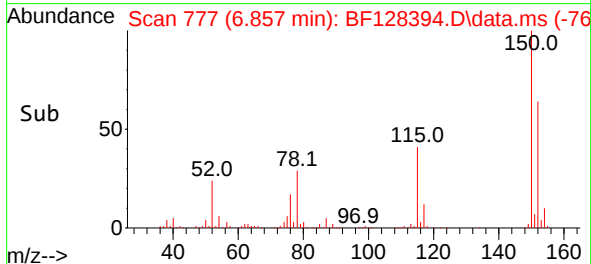
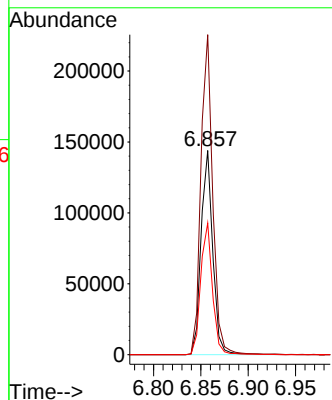
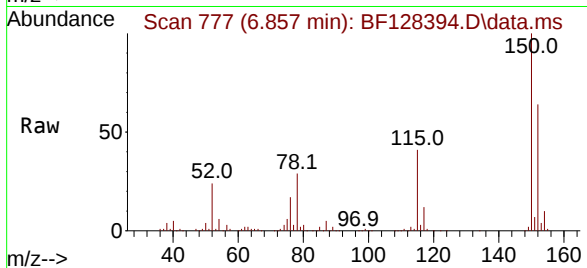




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128394.D
 Acq: 23 May 2022 11:58

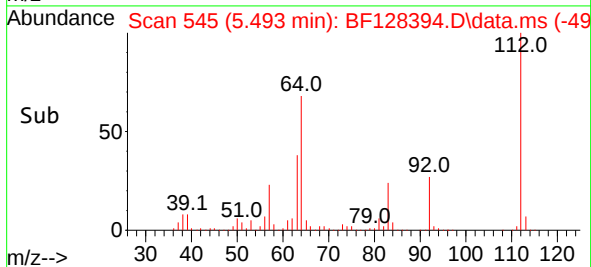
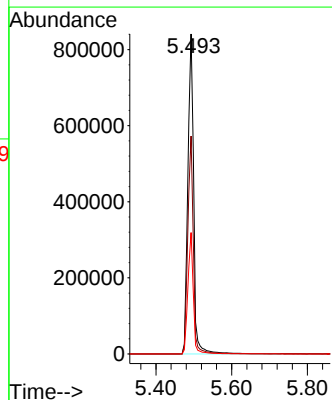
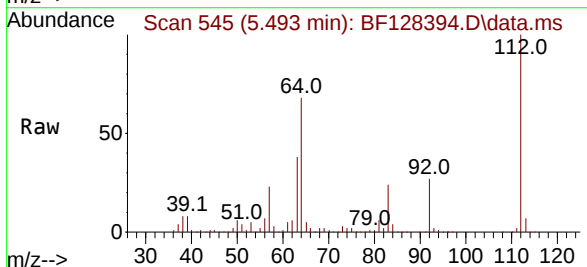
Instrument :
 BNA_F
 ClientSampleId :
 PB144935TB

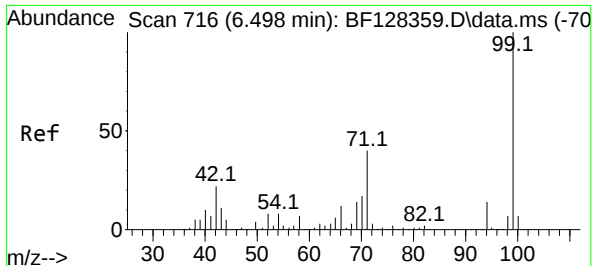
Tgt Ion:152 Resp: 124169
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.3 187.9
 115 64.5 48.8 73.2



#5
 2-Fluorophenol
 Concen: 114.345 ng
 RT: 5.493 min Scan# 545
 Delta R.T. 0.012 min
 Lab File: BF128394.D
 Acq: 23 May 2022 11:58

Tgt Ion:112 Resp: 892195
 Ion Ratio Lower Upper
 112 100
 64 68.1 49.5 74.3
 63 38.0 26.3 39.5

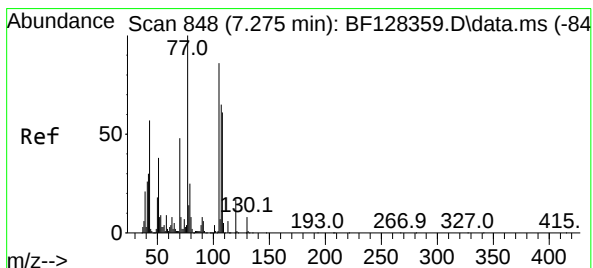
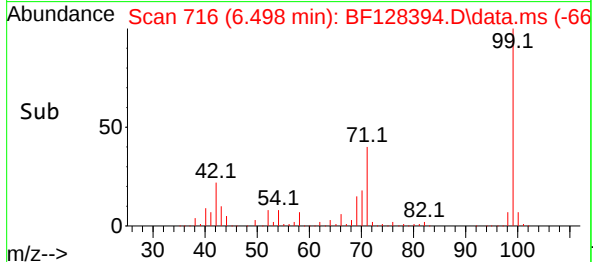
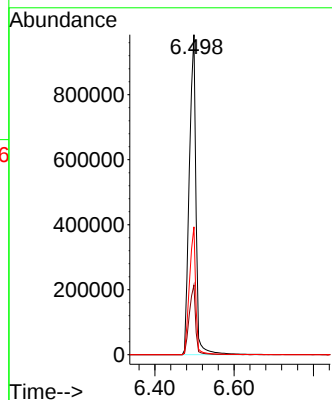
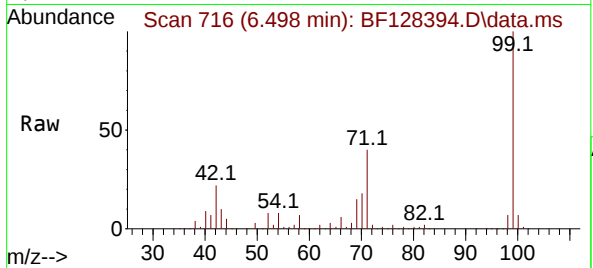




#7
Phenol-d6
Concen: 111.804 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128394.D
Acq: 23 May 2022 11:58

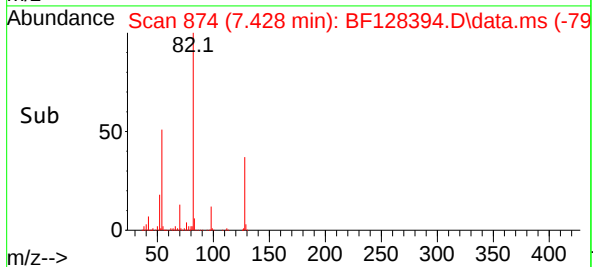
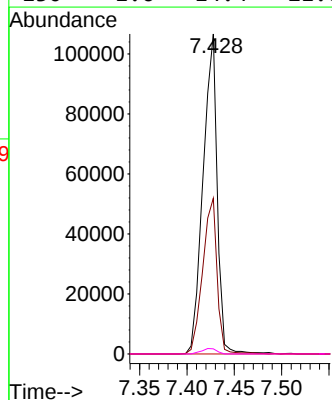
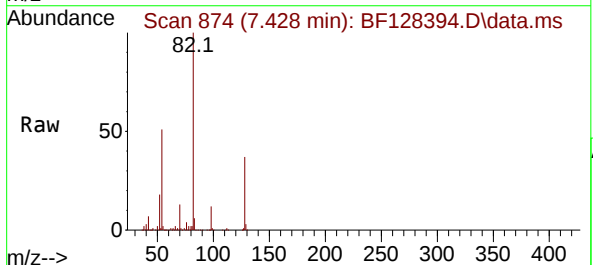
Instrument :
BNA_F
ClientSampleId :
PB144935TB

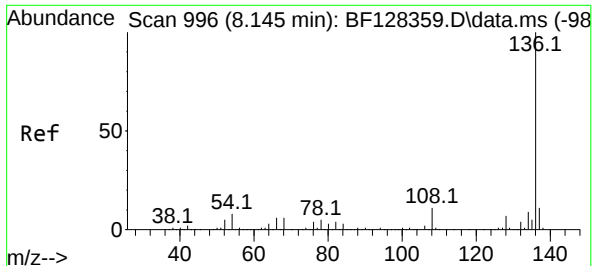
Tgt Ion: 99 Resp: 1148720
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 40.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.987 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.153 min
Lab File: BF128394.D
Acq: 23 May 2022 11:58

Tgt Ion: 70 Resp: 110527
Ion Ratio Lower Upper
70 100
42 48.7 48.7 73.1#
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

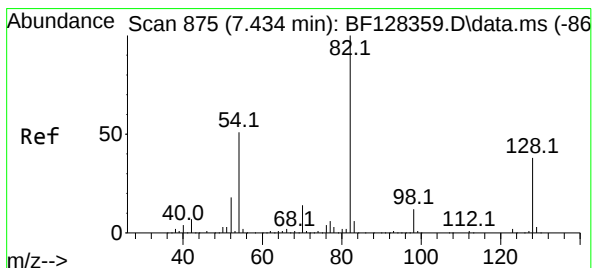
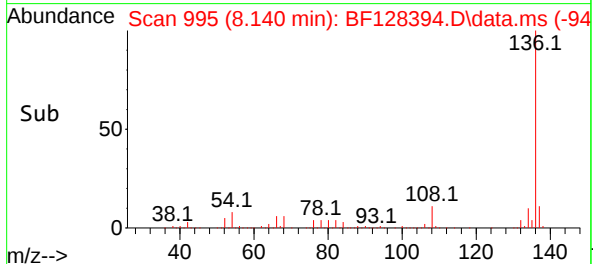
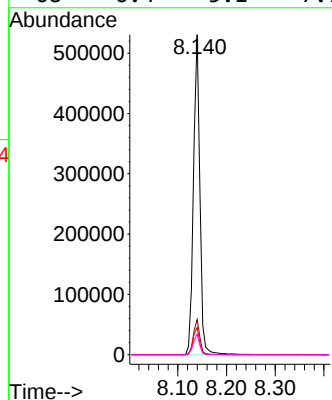
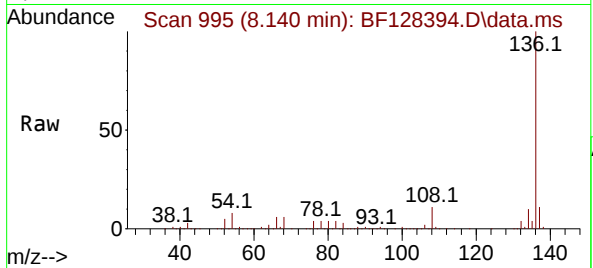




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 996
Delta R.T. -0.005 min
Lab File: BF128394.D
Acq: 23 May 2022 11:58

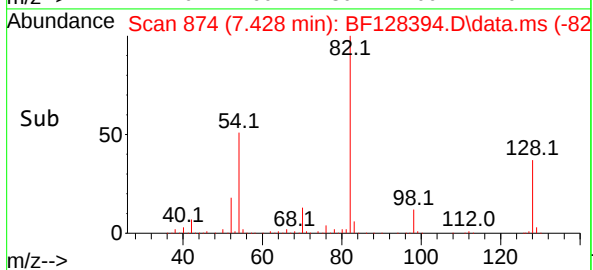
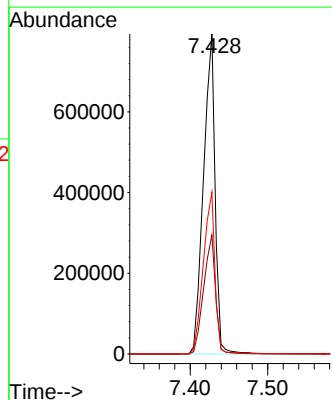
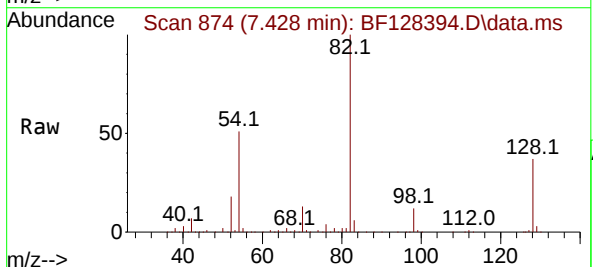
Instrument :
BNA_F
ClientSampleId :
PB144935TB

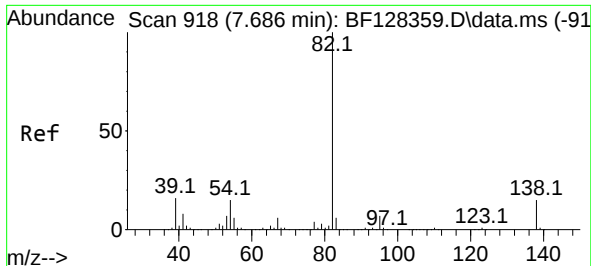
Tgt Ion:136 Resp: 485334
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.5 6.8 10.2
68 6.4 5.1 7.7



#23
Nitrobenzene-d5
Concen: 76.226 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF128394.D
Acq: 23 May 2022 11:58

Tgt Ion: 82 Resp: 825694
Ion Ratio Lower Upper
82 100
128 37.2 30.0 45.0
54 50.6 41.3 61.9

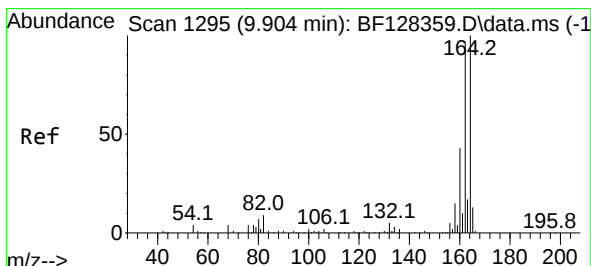
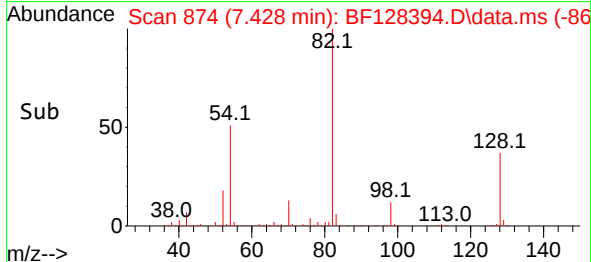
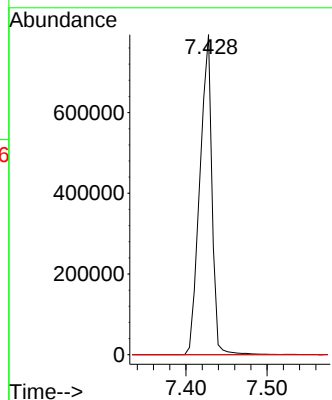
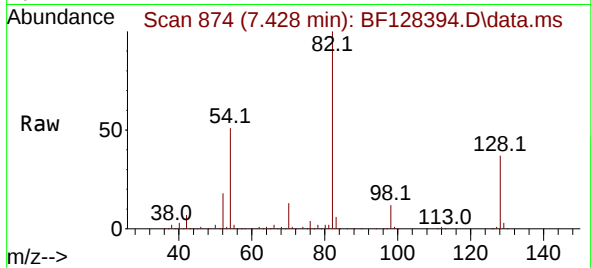




#25
Isophorone
Concen: 49.740 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128394.D
Acq: 23 May 2022 11:58

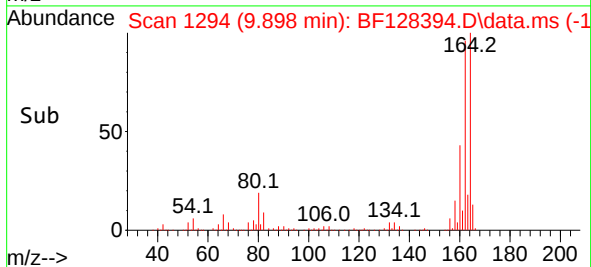
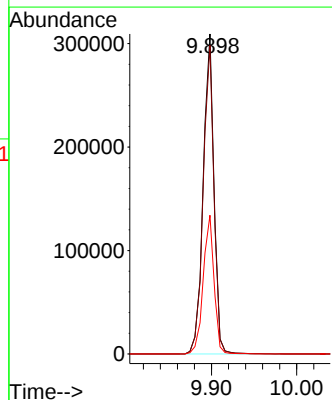
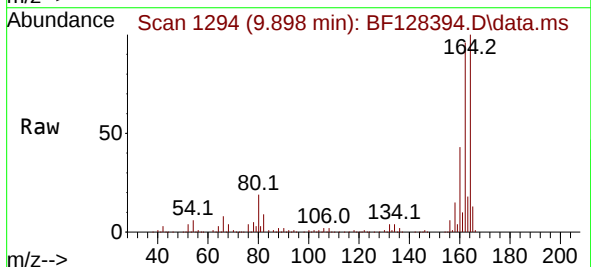
Instrument :
BNA_F
ClientSampleId :
PB144935TB

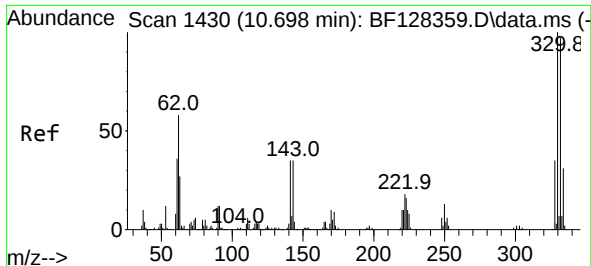
Tgt Ion: 82 Resp: 825684
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128394.D
Acq: 23 May 2022 11:58

Tgt Ion:164 Resp: 271664
Ion Ratio Lower Upper
164 100
162 96.4 76.0 114.0
160 43.3 34.8 52.2

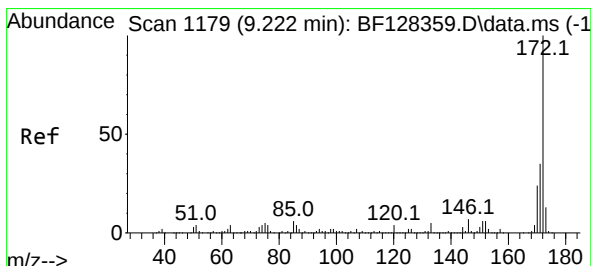
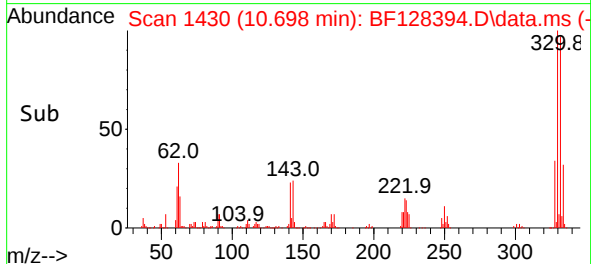
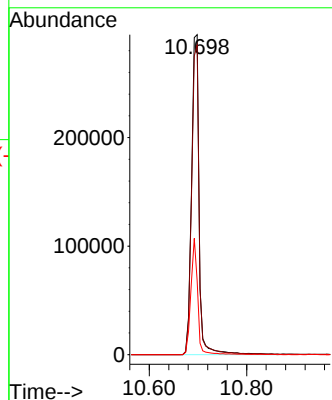
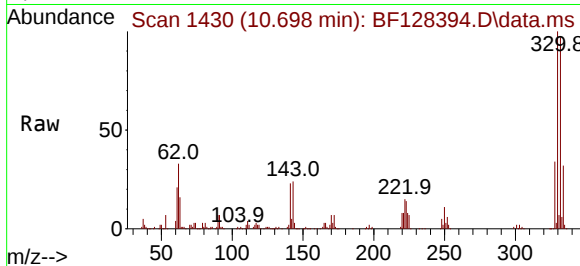




#42
 2,4,6-Tribromophenol
 Concen: 113.421 ng
 RT: 10.698 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: BF128394.D
 Acq: 23 May 2022 11:58

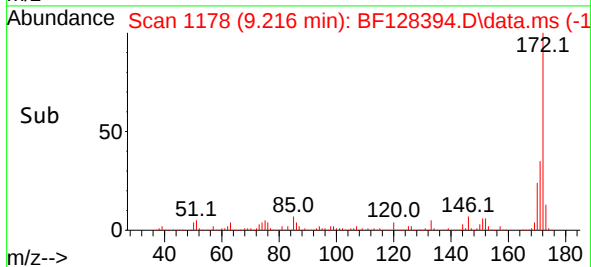
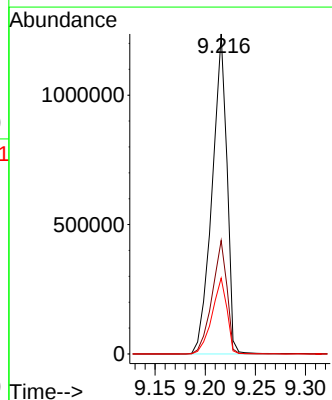
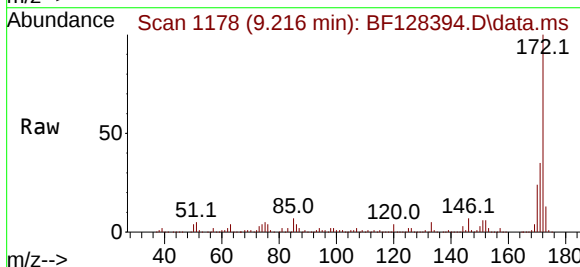
Instrument :
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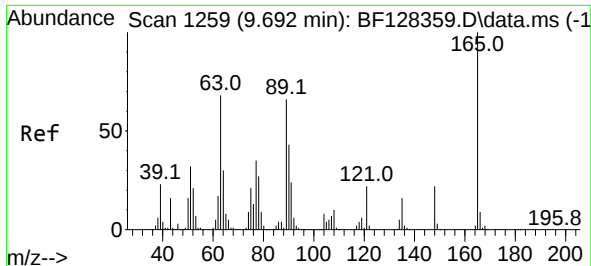
Tgt Ion:330 Resp: 317767
 Ion Ratio Lower Upper
 330 100
 332 95.4 79.0 118.4
 141 32.8 28.9 43.3



#45
 2-Fluorobiphenyl
 Concen: 76.716 ng
 RT: 9.216 min Scan# 1178
 Delta R.T. -0.006 min
 Lab File: BF128394.D
 Acq: 23 May 2022 11:58

Tgt Ion:172 Resp: 1274424
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.275 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.206 min

Lab File: BF128394.D

Acq: 23 May 2022 11:58

Instrument :

BNA_F

ClientSampleId :

PB144935TB

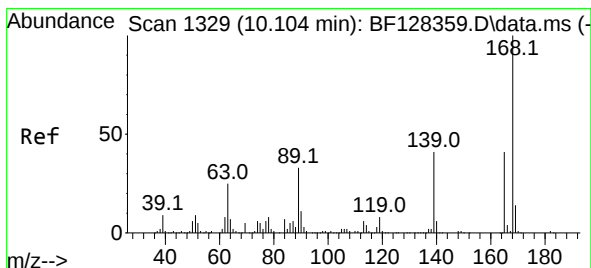
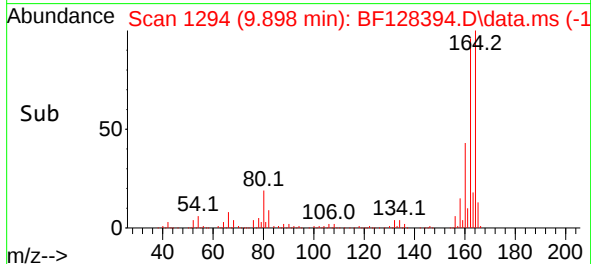
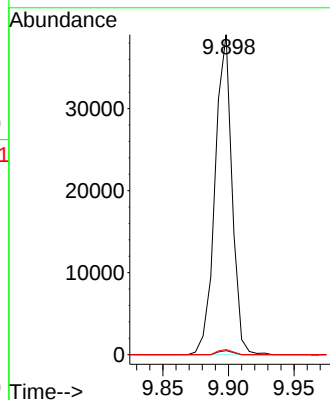
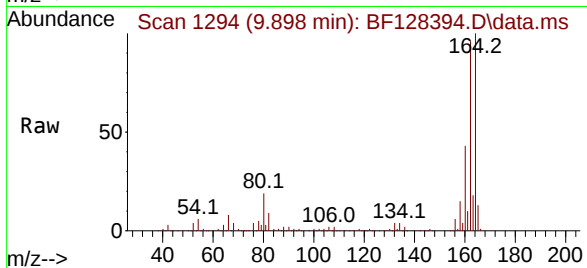
Tgt Ion:165 Resp: 35105

Ion Ratio Lower Upper

165 100

63 1.3 49.5 74.3#

89 1.6 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.362 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.206 min

Lab File: BF128394.D

Acq: 23 May 2022 11:58

Tgt Ion:165 Resp: 35105

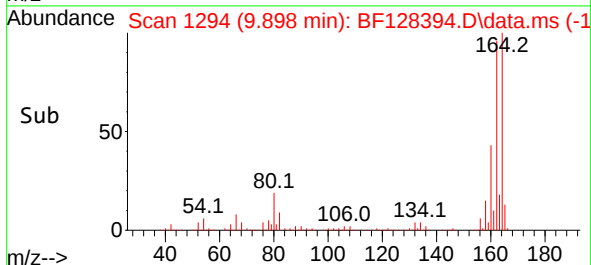
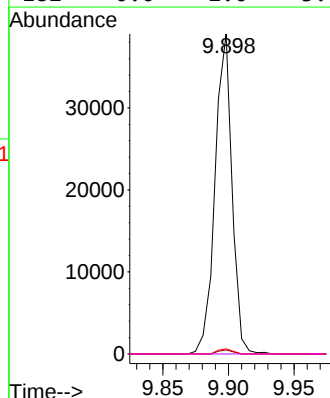
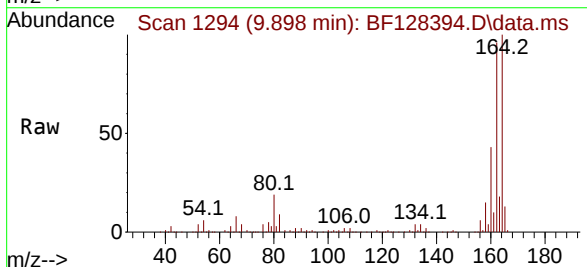
Ion Ratio Lower Upper

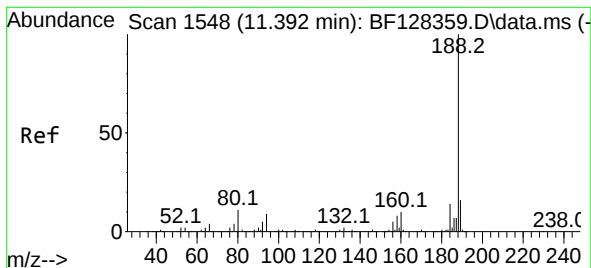
165 100

63 1.3 32.6 49.0#

89 1.6 55.2 82.8#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF128394.D

Acq: 23 May 2022 11:58

Instrument :

BNA_F

ClientSampleId :

PB144935TB

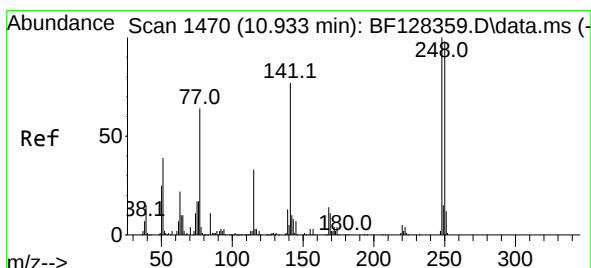
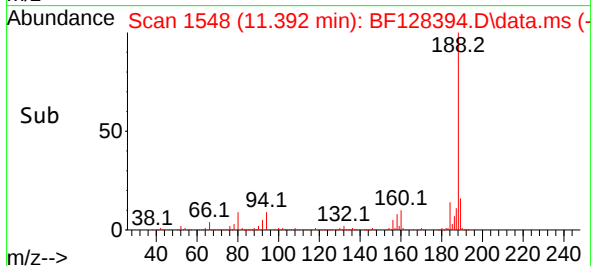
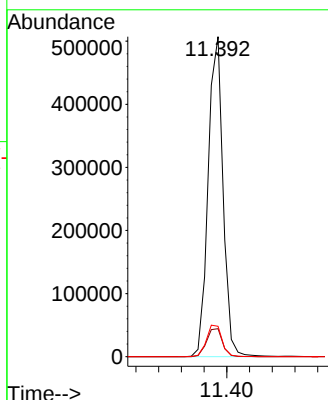
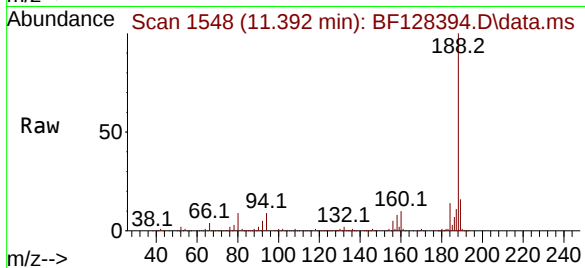
Tgt Ion:188 Resp: 460919

Ion Ratio Lower Upper

188 100

94 8.8 8.0 12.0

80 9.5 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 3.887 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.241 min

Lab File: BF128394.D

Acq: 23 May 2022 11:58

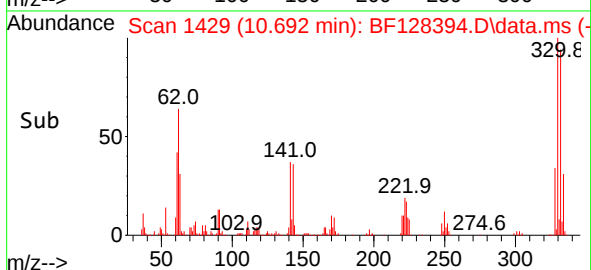
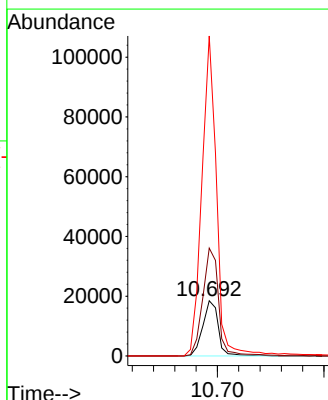
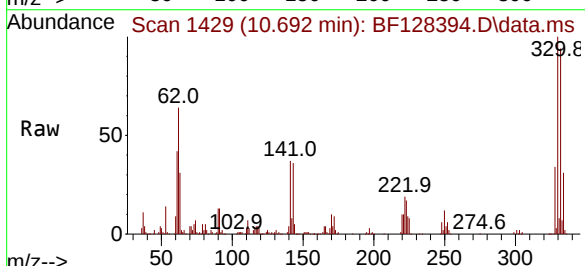
Tgt Ion:248 Resp: 18751

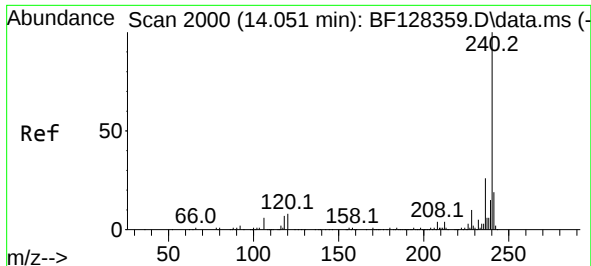
Ion Ratio Lower Upper

248 100

250 195.2 77.7 116.5#

141 579.1 65.6 98.4#

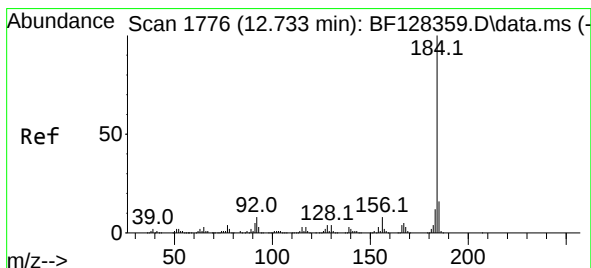
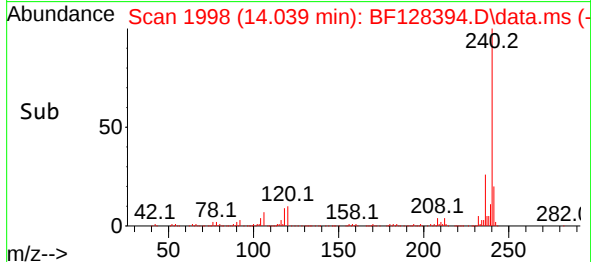
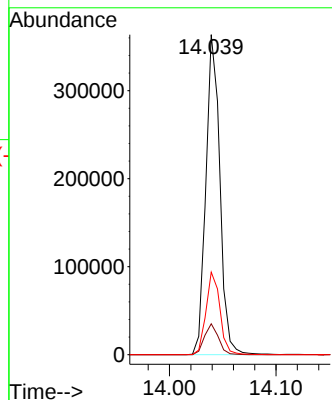
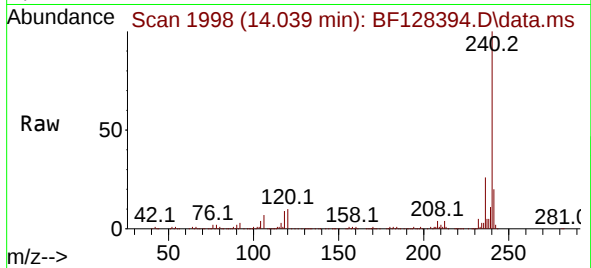




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128394.D
Acq: 23 May 2022 11:58

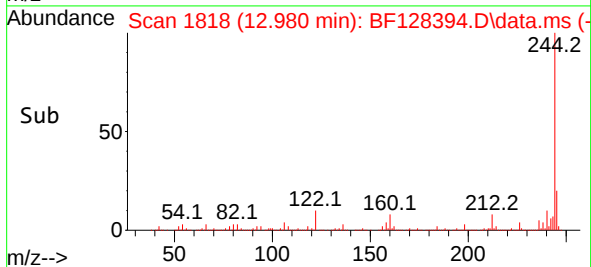
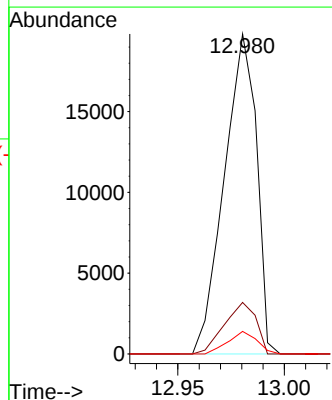
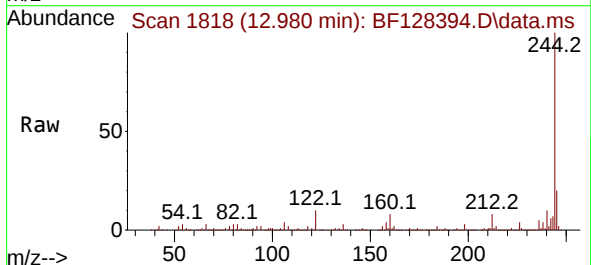
Instrument :
BNA_F
ClientSampleId :
PB144935TB

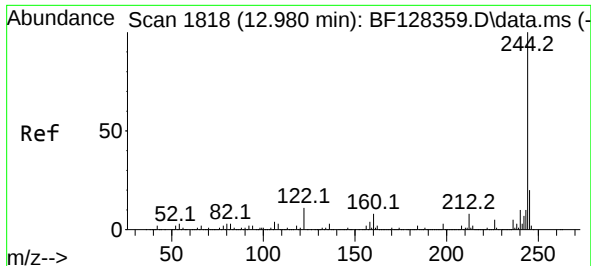
Tgt Ion:240 Resp: 333326
Ion Ratio Lower Upper
240 100
120 9.7 7.0 10.6
236 25.8 20.3 30.5



#77
Benzidine
Concen: 3.011 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.247 min
Lab File: BF128394.D
Acq: 23 May 2022 11:58

Tgt Ion:184 Resp: 20876
Ion Ratio Lower Upper
184 100
185 16.1 12.1 18.1
183 7.1 9.0 13.4#

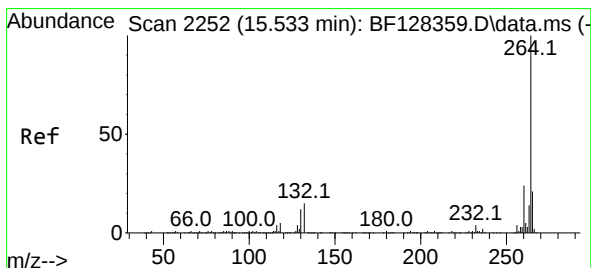
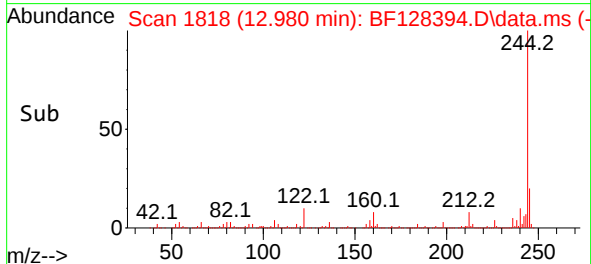
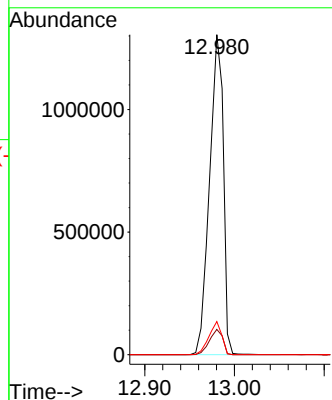
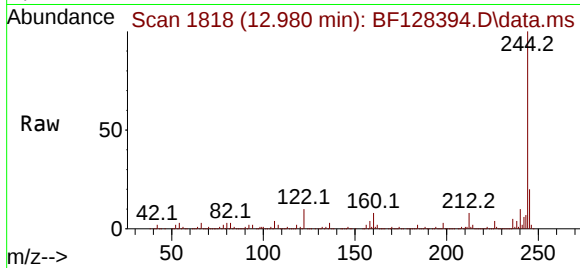




#79
 Terphenyl-d14
 Concen: 80.432 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128394.D
 Acq: 23 May 2022 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB144935TB

Tgt Ion:244 Resp: 1388827
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 10.4 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF128394.D
 Acq: 23 May 2022 11:58

Tgt Ion:264 Resp: 283736
 Ion Ratio Lower Upper
 264 100
 260 23.0 20.1 30.1
 265 21.5 17.5 26.3

