

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126959.D
 Acq On : 18 Feb 2022 18:34
 Operator : CG\JU
 Sample : N1582-02RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWRE

Quant Time: Feb 18 23:53:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

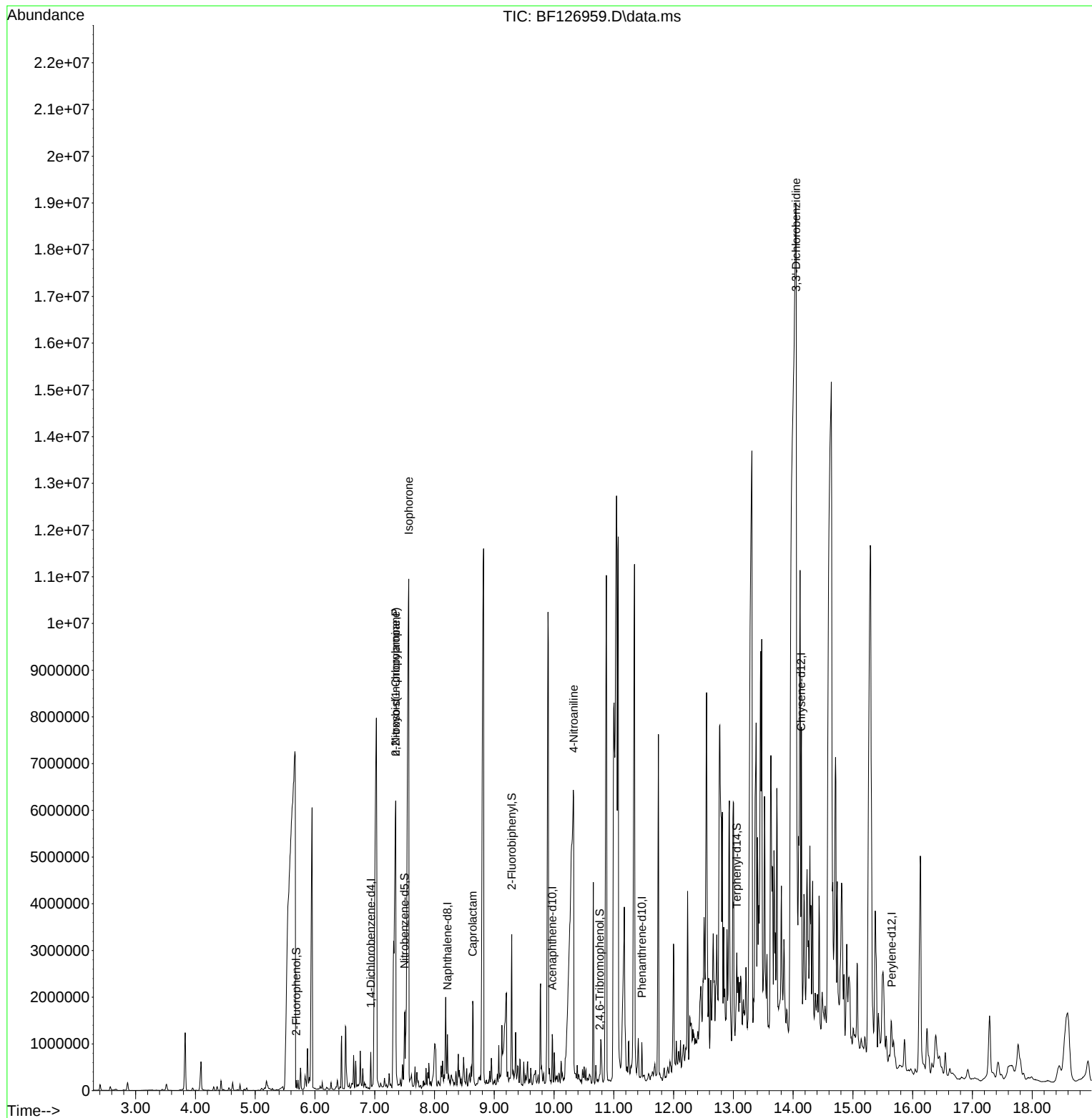
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	94893	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	360467	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	167829	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	238099	20.000	ng	# 0.00
76) Chrysene-d12	14.133	240	138148	20.000	ng	# 0.02
86) Perylene-d12	15.651	264	145305	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	23071	3.758	ng	0.14
7) Phenol-d6	6.563	99	5460	0.659	ng	0.00
23) Nitrobenzene-d5	7.498	82	582921	72.993	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	17449	9.030	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	775044	67.985	ng	0.00
79) Terphenyl-d14	13.057	244	475257	50.572	ng	0.00
Target Compounds						
						Qvalue
16) 2,2'-oxybis(1-Chloropr...	7.351	45	67986	6.576	ng	68
19) n-Nitroso-di-n-propyla...	7.351	70	1042967	195.373	ng	# 78
25) Isophorone	7.569	82	36083	2.731	ng	# 71
35) Caprolactam	8.640	113	4294	2.479	ng	# 1
62) 4-Nitroaniline	10.328	138	79608	27.022	ng	# 28
82) 3,3'-Dichlorobenzidine	14.051	252	284604	96.965	ng	# 1

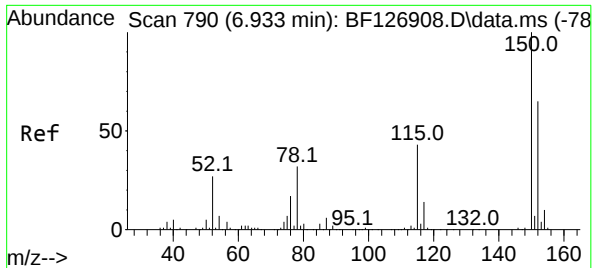
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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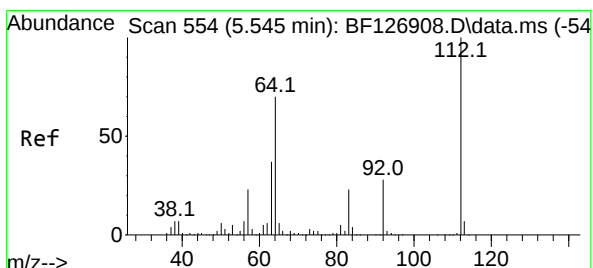
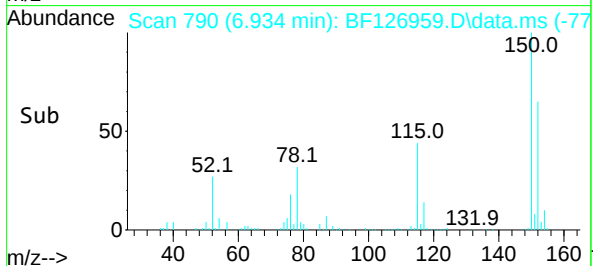
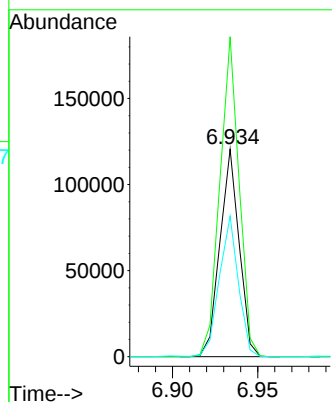
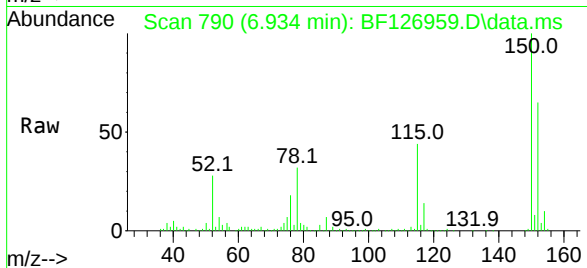




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.934 min Scan# 790
 Delta R.T. 0.001 min
 Lab File: BF126959.D
 Acq: 18 Feb 2022 18:34

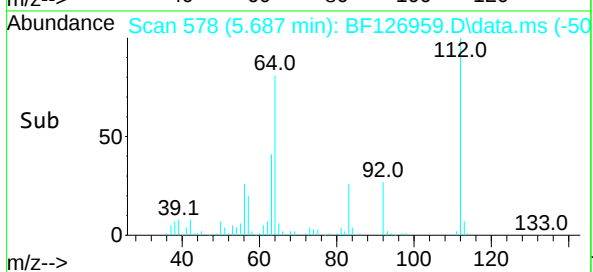
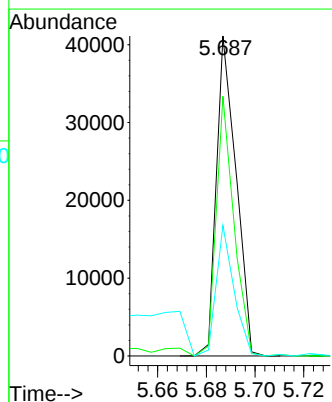
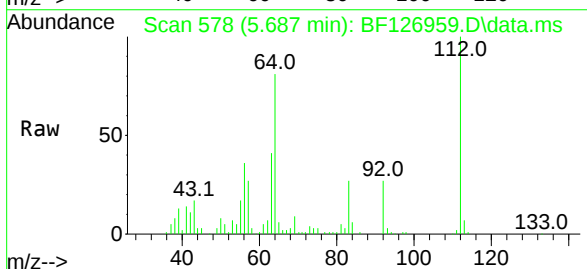
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWRE

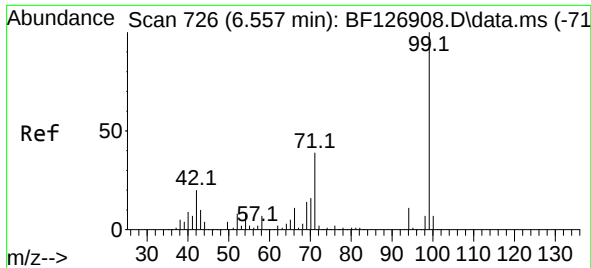
Tgt Ion:152 Resp: 94893
 Ion Ratio Lower Upper
 152 100
 150 154.3 128.1 192.1
 115 67.8 56.7 85.1



#5
 2-Fluorophenol
 Concen: 3.758 ng
 RT: 5.687 min Scan# 578
 Delta R.T. 0.141 min
 Lab File: BF126959.D
 Acq: 18 Feb 2022 18:34

Tgt Ion:112 Resp: 23071
 Ion Ratio Lower Upper
 112 100
 64 81.2 49.5 74.3#
 63 40.8 23.9 35.9#

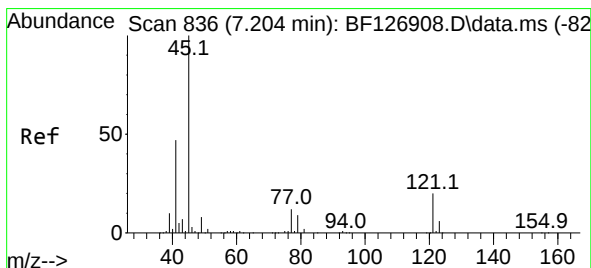
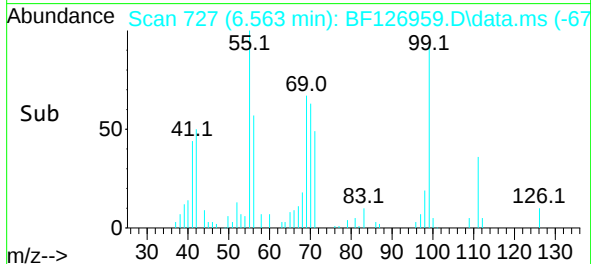
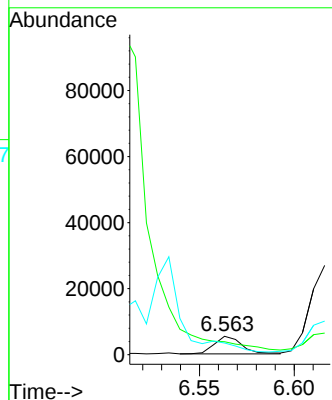
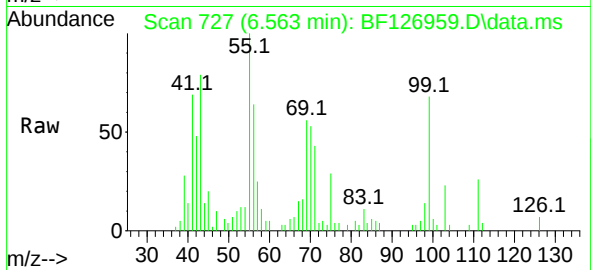




#7
Phenol-d6
Concen: 0.659 ng
RT: 6.563 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF126959.D
Acq: 18 Feb 2022 18:34

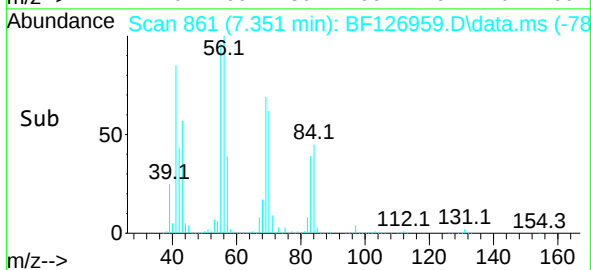
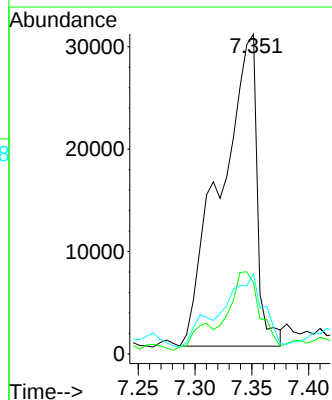
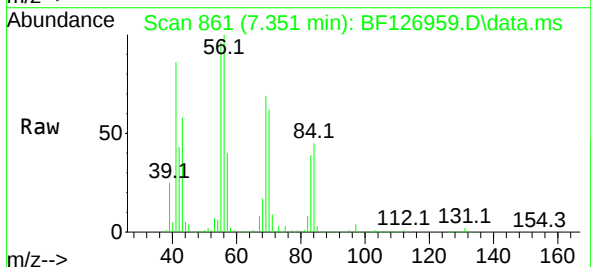
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

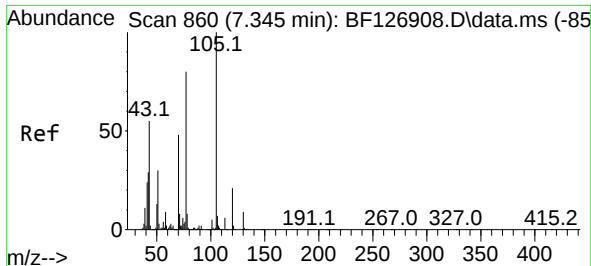
Tgt Ion: 99 Resp: 5460
Ion Ratio Lower Upper
99 100
42 70.4 14.2 21.4#
71 63.6 24.3 36.5#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.576 ng
RT: 7.351 min Scan# 861
Delta R.T. 0.147 min
Lab File: BF126959.D
Acq: 18 Feb 2022 18:34

Tgt Ion: 45 Resp: 67986
Ion Ratio Lower Upper
45 100
77 22.2 0.0 32.4
79 25.0 0.0 29.8

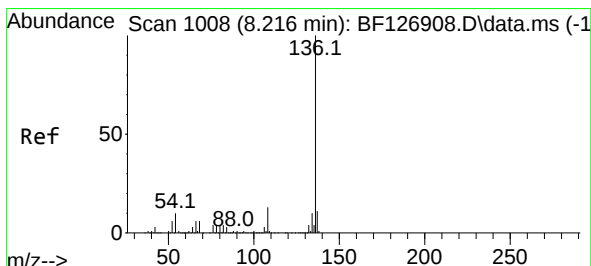
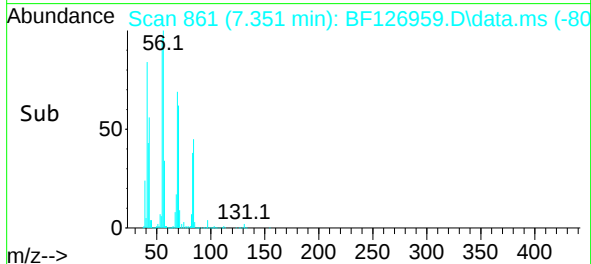
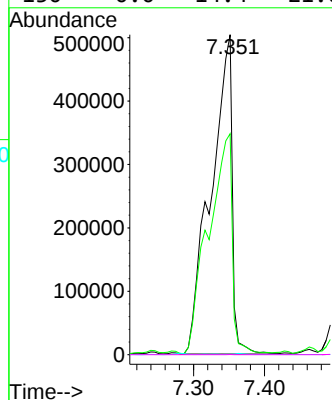
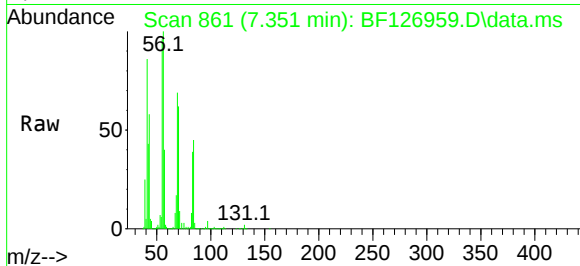




#19
n-Nitroso-di-n-propylamine
Concen: 195.373 ng
RT: 7.351 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF126959.D
Acq: 18 Feb 2022 18:34

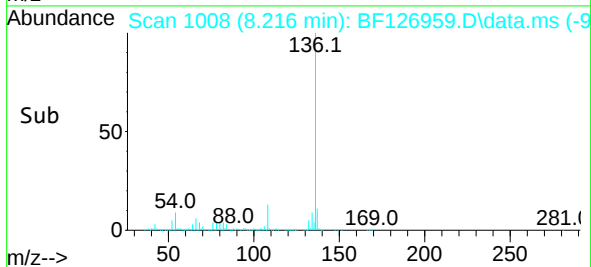
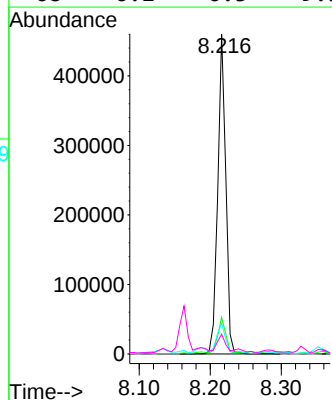
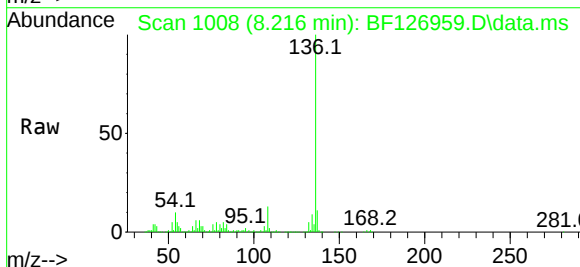
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

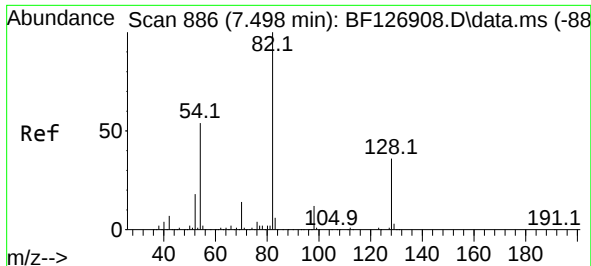
Tgt Ion: 70 Resp: 1042967
Ion Ratio Lower Upper
70 100
42 69.1 45.8 68.8#
101 0.1 6.9 10.3#
130 0.0 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF126959.D
Acq: 18 Feb 2022 18:34

Tgt Ion:136 Resp: 360467
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.5 7.8 11.6
68 6.2 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 72.993 ng

RT: 7.498 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF126959.D

Acq: 18 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

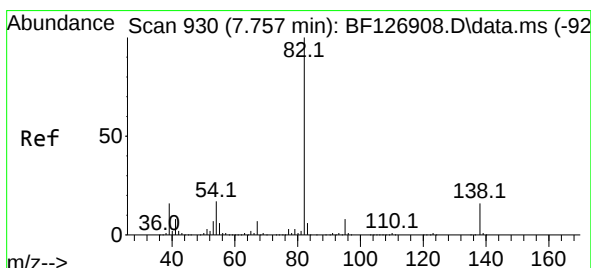
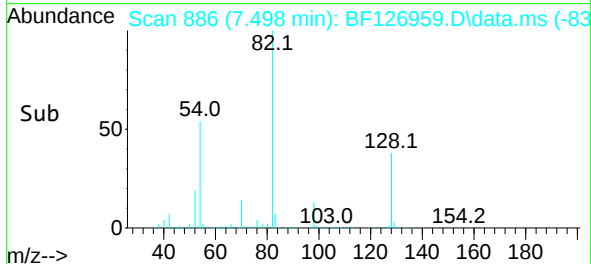
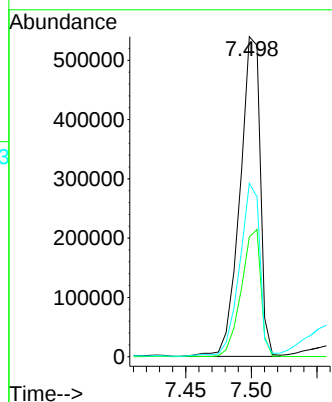
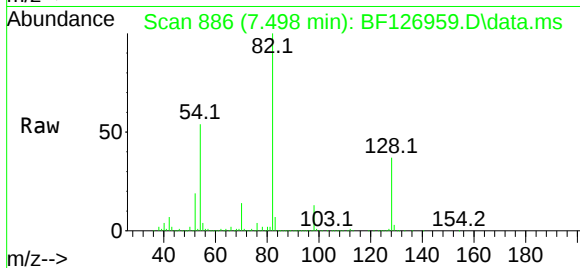
Tgt Ion: 82 Resp: 582921

Ion Ratio Lower Upper

82 100

128 37.4 32.7 49.1

54 54.2 41.7 62.5



#25

Isophorone

Concen: 2.731 ng

RT: 7.569 min Scan# 898

Delta R.T. -0.188 min

Lab File: BF126959.D

Acq: 18 Feb 2022 18:34

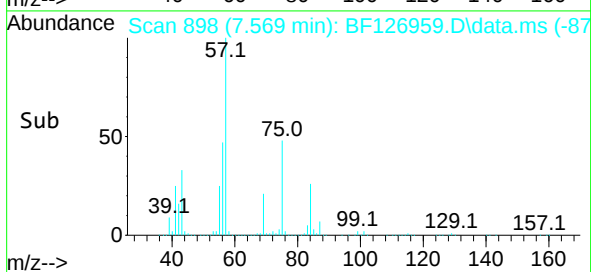
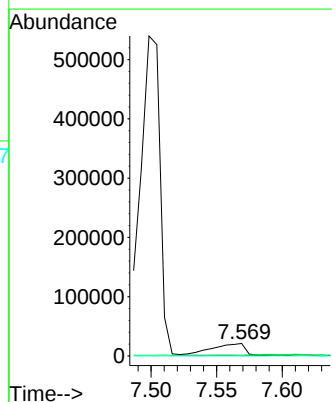
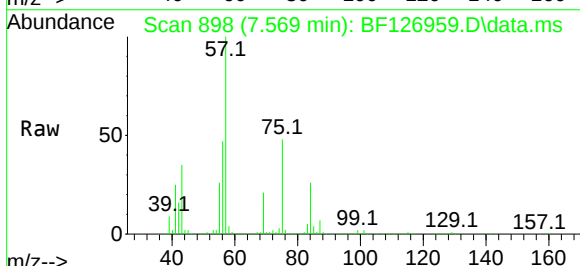
Tgt Ion: 82 Resp: 36083

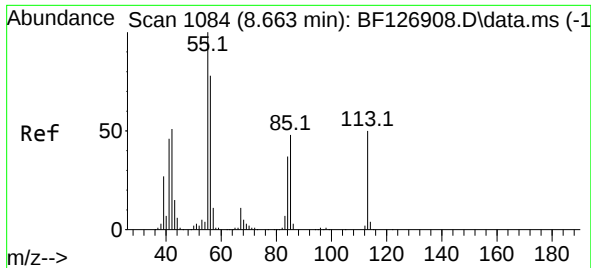
Ion Ratio Lower Upper

82 100

95 3.1 5.0 7.4#

138 0.0 12.3 18.5#

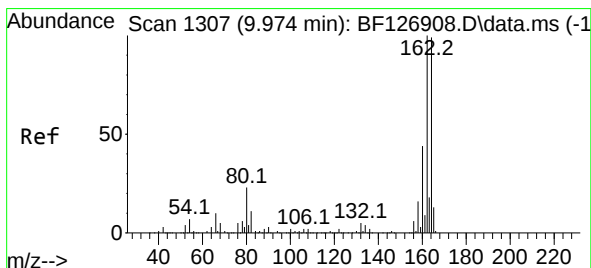
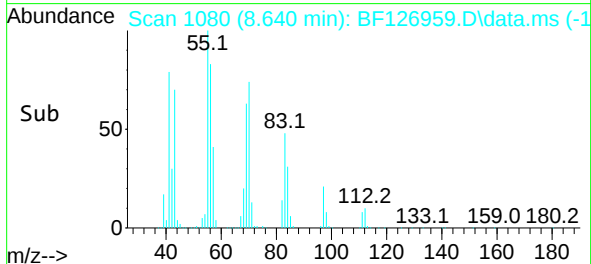
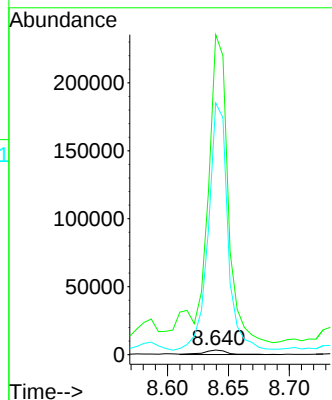
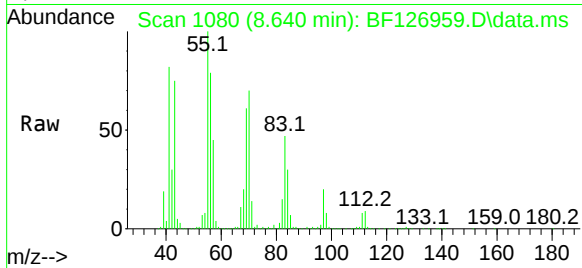




#35
 Caprolactam
 Concen: 2.479 ng
 RT: 8.640 min Scan# 1084
 Delta R.T. -0.023 min
 Lab File: BF126959.D
 Acq: 18 Feb 2022 18:34

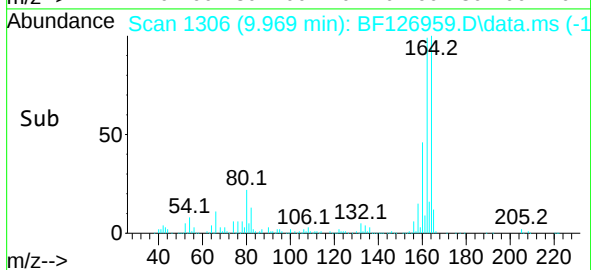
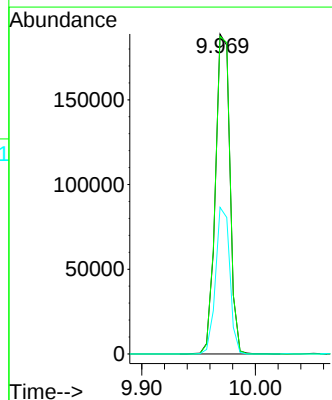
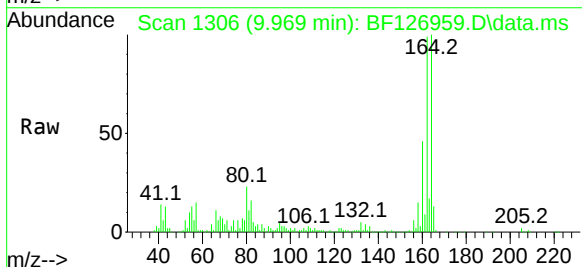
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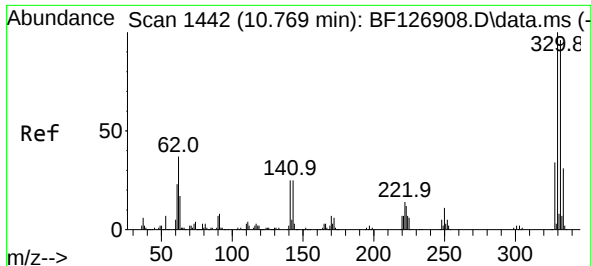
Tgt Ion:113 Resp: 4294
 Ion Ratio Lower Upper
 113 100
 55 6970.4 183.9 223.9#
 56 5480.8 129.9 169.9#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.969 min Scan# 1306
 Delta R.T. -0.006 min
 Lab File: BF126959.D
 Acq: 18 Feb 2022 18:34

Tgt Ion:164 Resp: 167829
 Ion Ratio Lower Upper
 164 100
 162 99.3 81.4 122.0
 160 45.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 9.030 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF126959.D

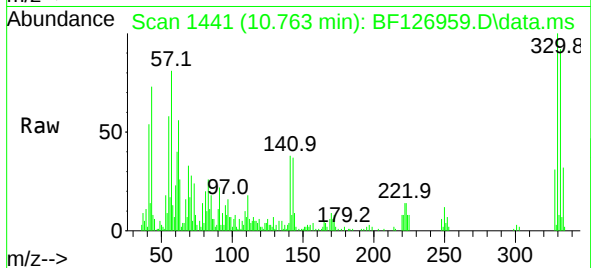
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Instrument :

BNA_F

ClientSampleId :

EFF-WWRE



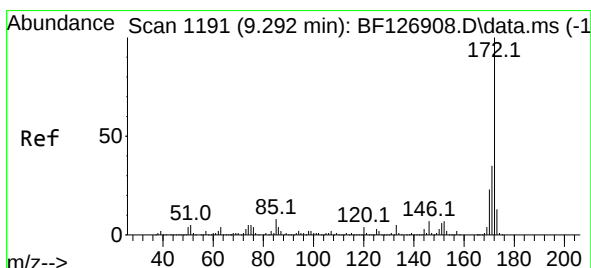
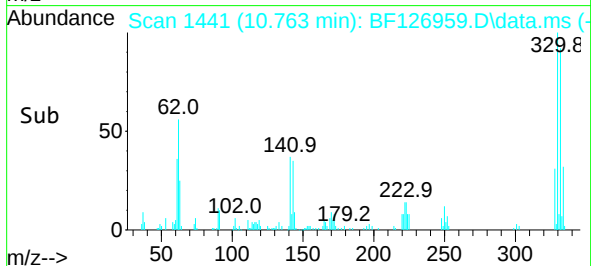
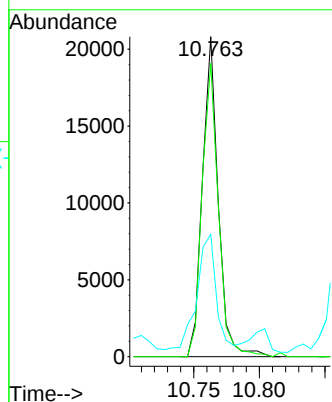
Tgt Ion:330 Resp: 17449

Ion Ratio Lower Upper

330 100

332 94.6 76.0 114.0

141 43.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 67.985 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF126959.D

Acq: 18 Feb 2022 18:34

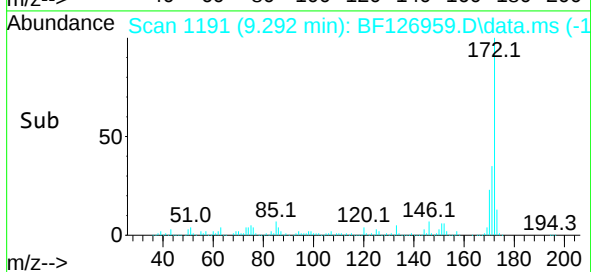
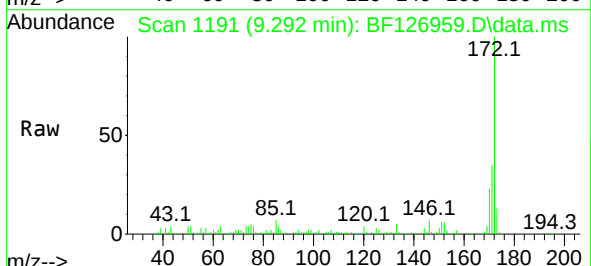
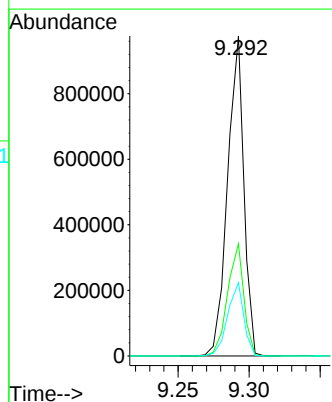
Tgt Ion:172 Resp: 775044

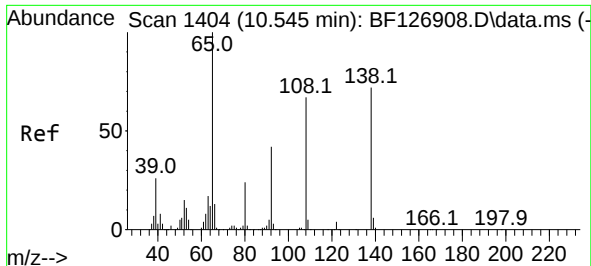
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 22.9 19.0 28.6

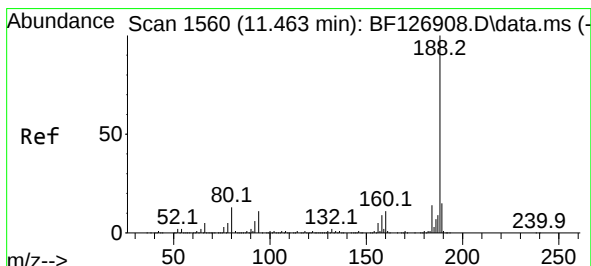
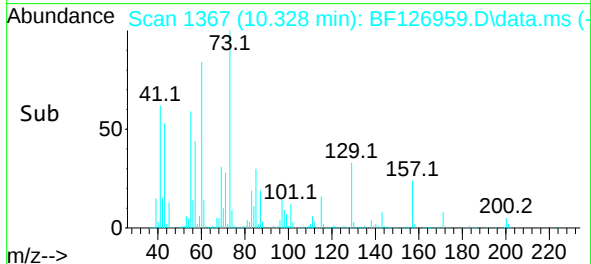
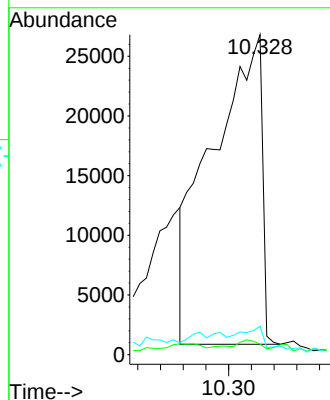
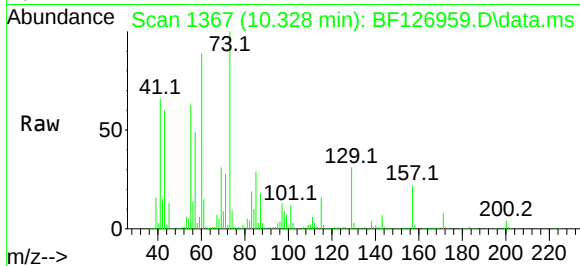




#62
4-Nitroaniline
Concen: 27.022 ng
RT: 10.328 min Scan# 11
Delta R.T. -0.217 min
Lab File: BF126959.D
Acq: 18 Feb 2022 18:34

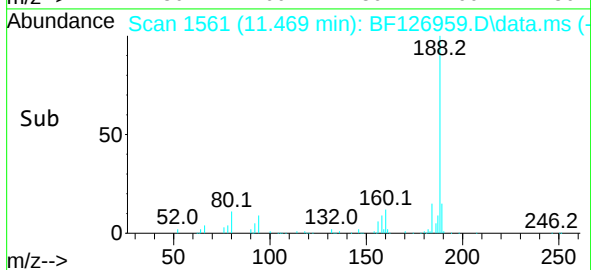
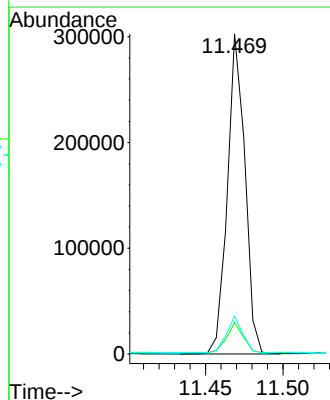
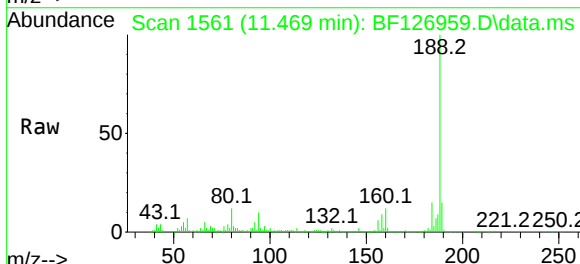
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

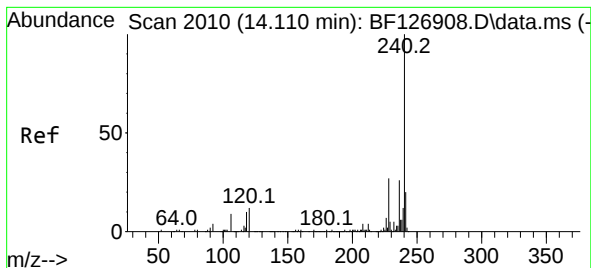
Tgt Ion:138 Resp: 79608
Ion Ratio Lower Upper
138 100
92 3.3 36.2 76.2#
108 8.9 46.7 86.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1561
Delta R.T. 0.006 min
Lab File: BF126959.D
Acq: 18 Feb 2022 18:34

Tgt Ion:188 Resp: 238099
Ion Ratio Lower Upper
188 100
94 9.9 10.1 15.1#
80 11.8 11.8 17.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.133 min Scan# 2010

Delta R.T. 0.024 min

Lab File: BF126959.D

Acq: 18 Feb 2022 18:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

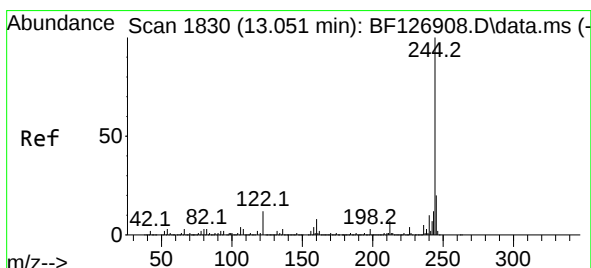
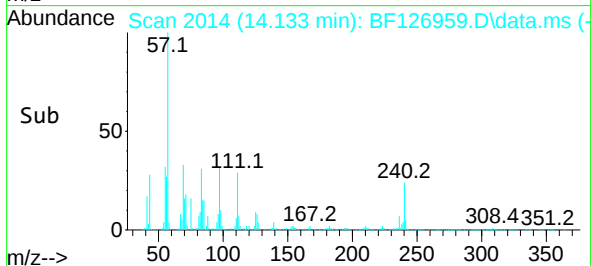
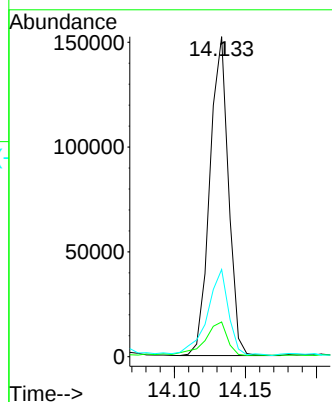
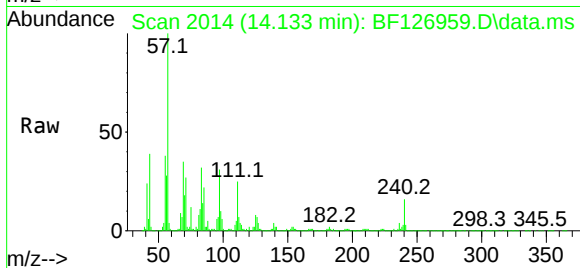
Tgt Ion:240 Resp: 138148

Ion Ratio Lower Upper

240 100

120 10.9 14.4 21.6#

236 27.3 20.5 30.7



#79

Terphenyl-d14

Concen: 50.572 ng

RT: 13.057 min Scan# 1831

Delta R.T. 0.006 min

Lab File: BF126959.D

Acq: 18 Feb 2022 18:34

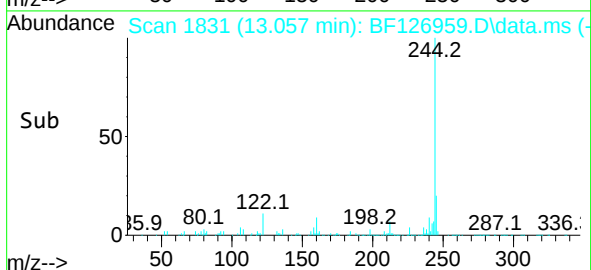
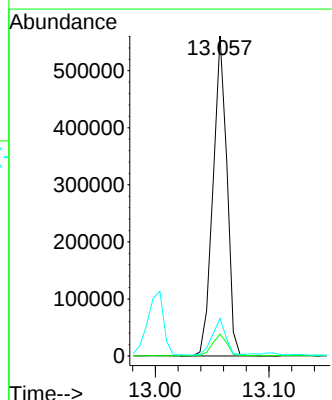
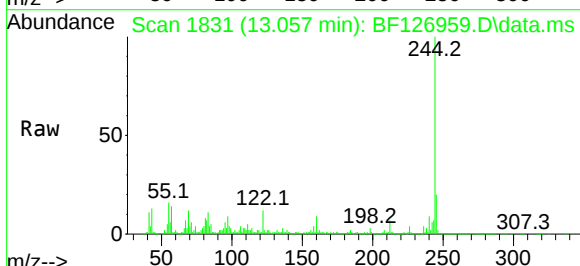
Tgt Ion:244 Resp: 475257

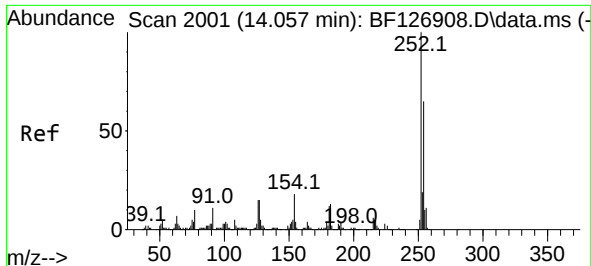
Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

122 11.8 13.3 19.9#

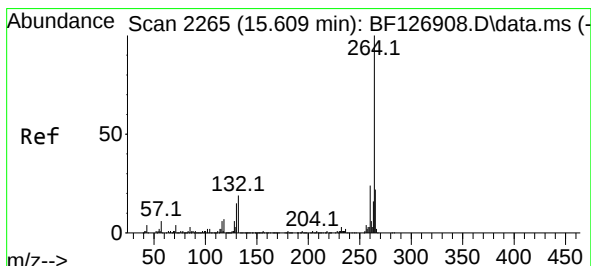
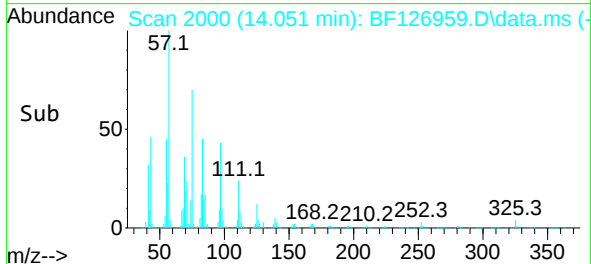
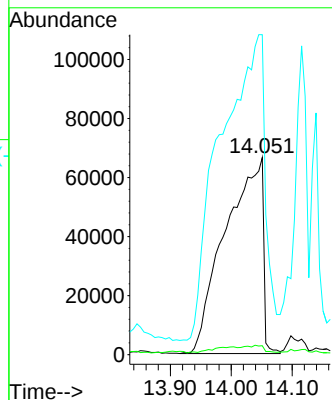
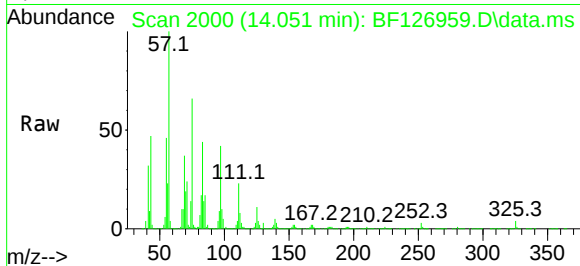




#82
3,3'-Dichlorobenzidine
Concen: 96.965 ng
RT: 14.051 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF126959.D
Acq: 18 Feb 2022 18:34

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion:252 Resp: 284604
Ion Ratio Lower Upper
252 100
254 4.6 51.0 76.4#
126 162.3 13.4 20.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 2272
Delta R.T. 0.041 min
Lab File: BF126959.D
Acq: 18 Feb 2022 18:34

Tgt Ion:264 Resp: 145305
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.5 17.4 26.2

