

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128658.D
 Acq On : 03 Jun 2022 01:10
 Operator : CG\JU
 Sample : N2984-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P014-SS002-0612-01

Quant Time: Jun 03 03:28:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

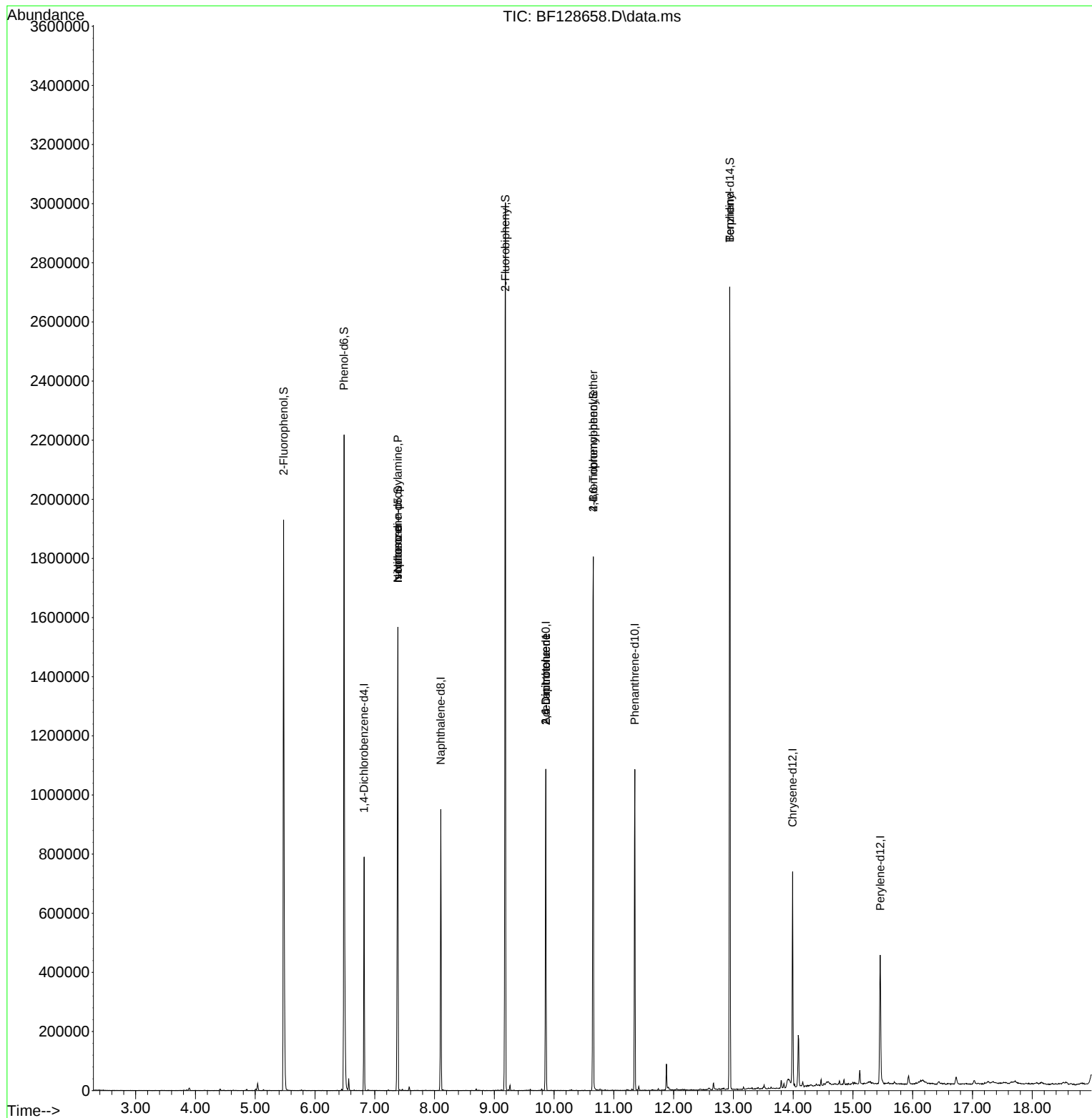
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	92413	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	353480	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	201048	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	367218	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	226351	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	192648	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	482596	83.180	ng	0.00
7) Phenol-d6	6.487	99	635669	89.757	ng	-0.01
23) Nitrobenzene-d5	7.386	82	456794	60.167	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	196685	82.798	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	881934	61.449	ng	0.00
79) Terphenyl-d14	12.939	244	916465	70.355	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	67468	15.322	ng	# 79
25) Isophorone	7.386	82	456506	39.590	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	26577	9.785	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	26577	7.332	ng	# 21
67) 4-Bromophenyl-phenylether	10.657	248	13227	3.230	ng	# 1
77) Benzidine	12.939	184	15249	3.380	ng	# 94

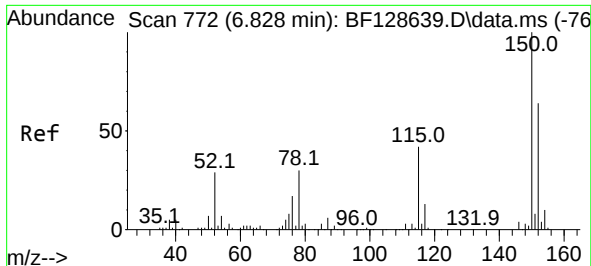
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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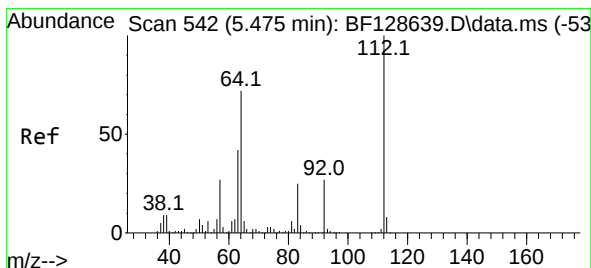
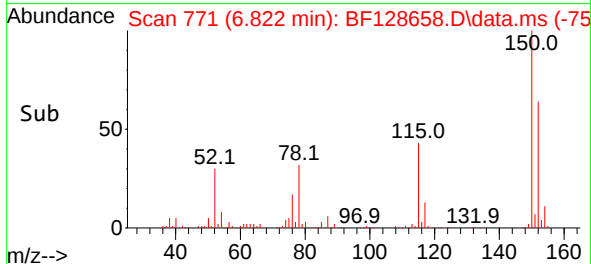
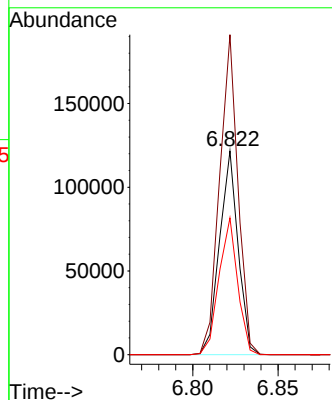
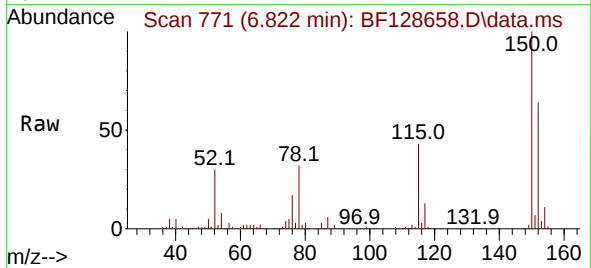




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128658.D
Acq: 03 Jun 2022 01:10

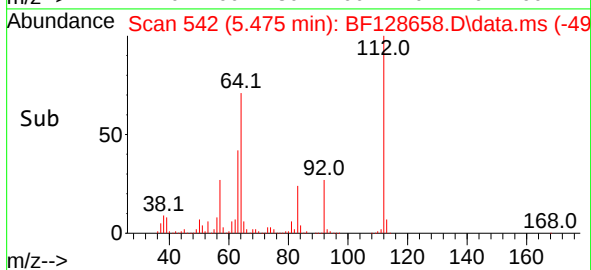
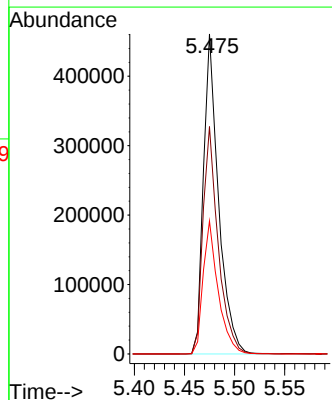
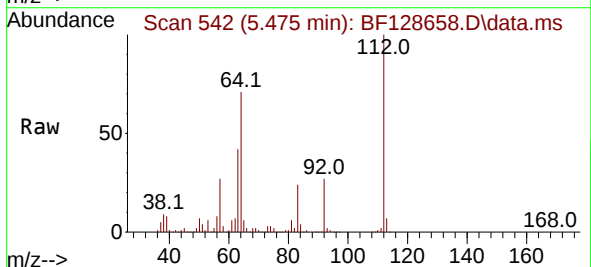
Instrument :
BNA_F
ClientSampleId :
P014-SS002-0612-01

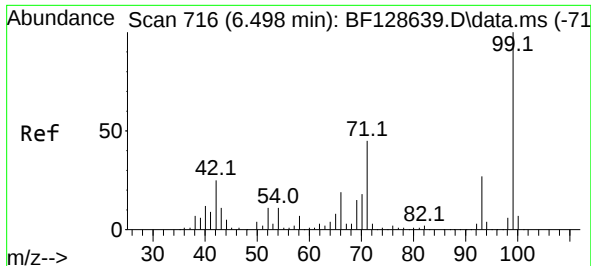
Tgt Ion:152 Resp: 92413
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 67.2 49.9 74.9



#5
2-Fluorophenol
Concen: 83.180 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128658.D
Acq: 03 Jun 2022 01:10

Tgt Ion:112 Resp: 482596
Ion Ratio Lower Upper
112 100
64 71.0 53.3 79.9
63 41.5 28.0 42.0

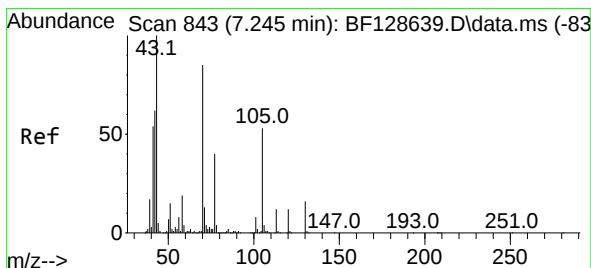
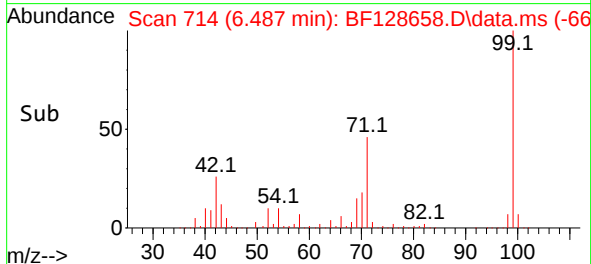
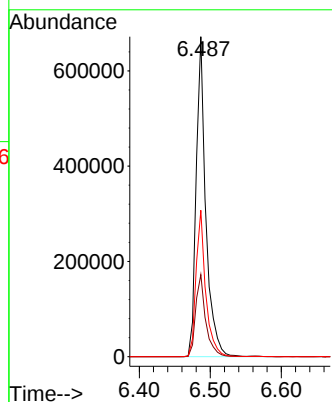
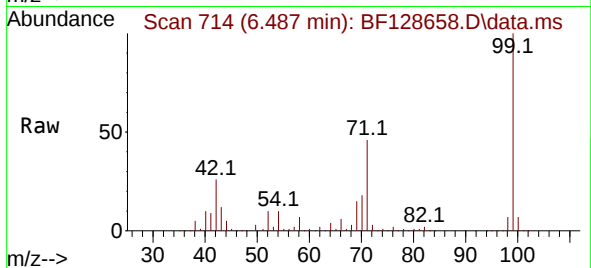




#7
Phenol-d6
Concen: 89.757 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF128658.D
Acq: 03 Jun 2022 01:10

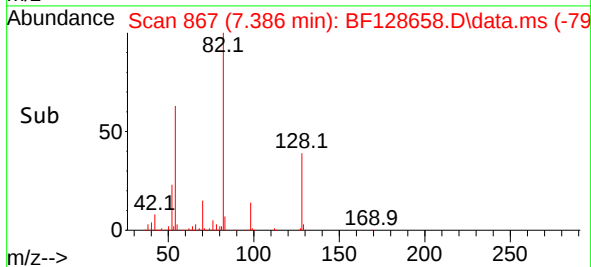
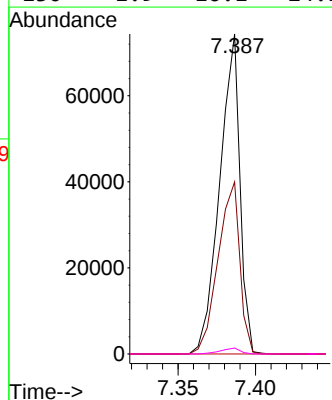
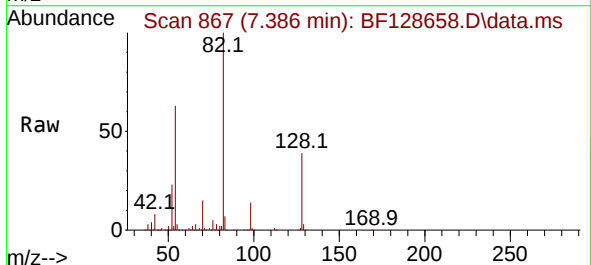
Instrument :
BNA_F
ClientSampleId :
P014-SS002-0612-01

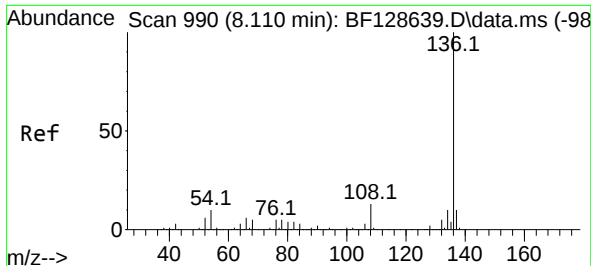
Tgt Ion: 99 Resp: 635669
Ion Ratio Lower Upper
99 100
42 25.7 17.3 25.9
71 45.7 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 15.322 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128658.D
Acq: 03 Jun 2022 01:10

Tgt Ion: 70 Resp: 67468
Ion Ratio Lower Upper
70 100
42 53.8 52.3 78.5
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

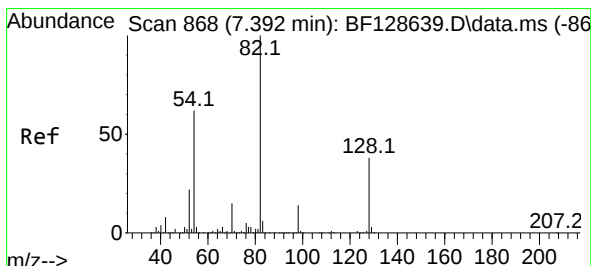
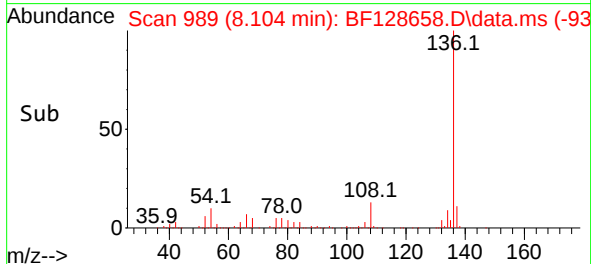
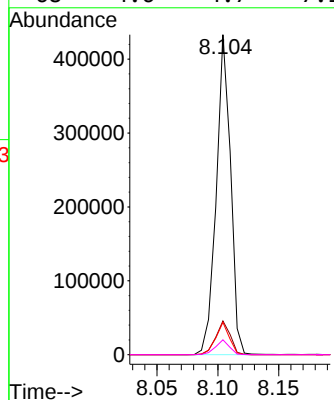
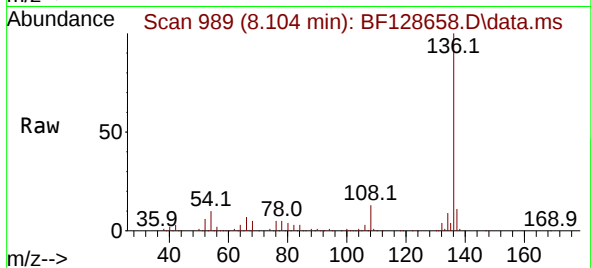




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128658.D
Acq: 03 Jun 2022 01:10

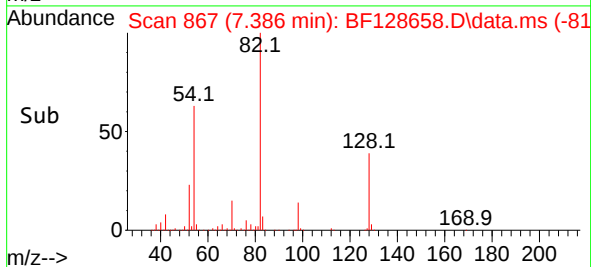
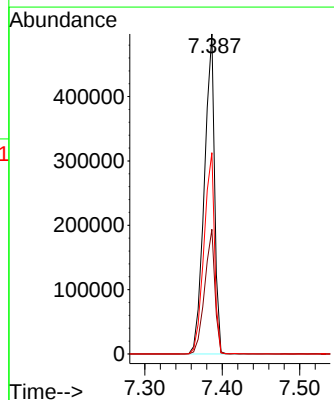
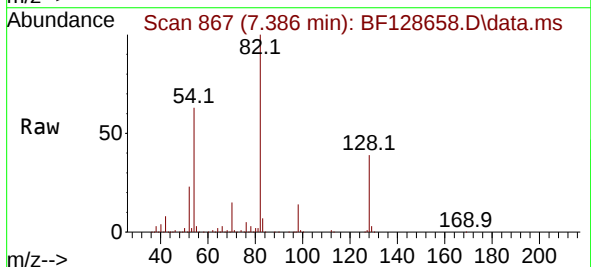
Instrument :
BNA_F
ClientSampleId :
P014-SS002-0612-01

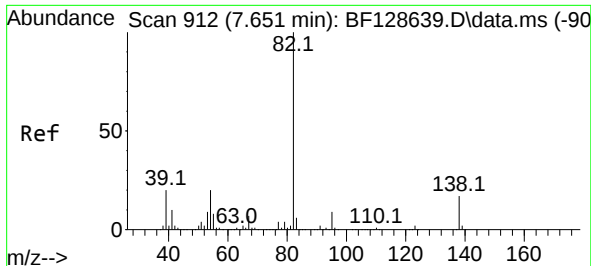
Tgt Ion:136 Resp: 353480
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 10.1 7.5 11.3
68 4.6 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 60.167 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF128658.D
Acq: 03 Jun 2022 01:10

Tgt Ion: 82 Resp: 456794
Ion Ratio Lower Upper
82 100
128 39.0 34.0 51.0
54 62.9 46.9 70.3

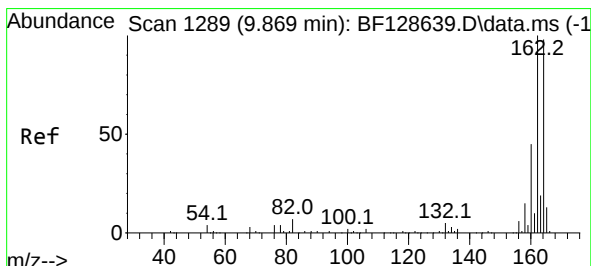
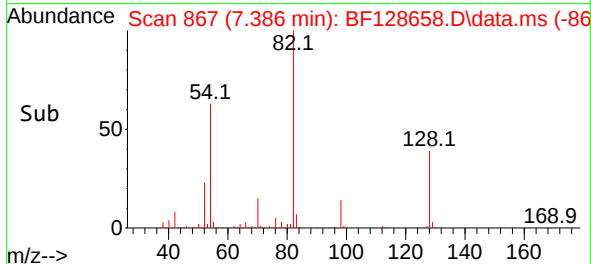
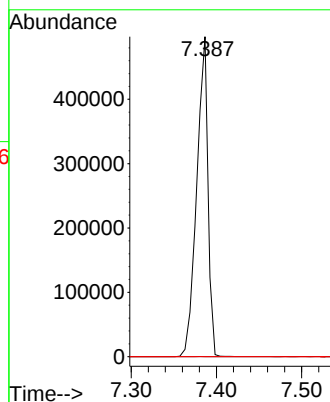
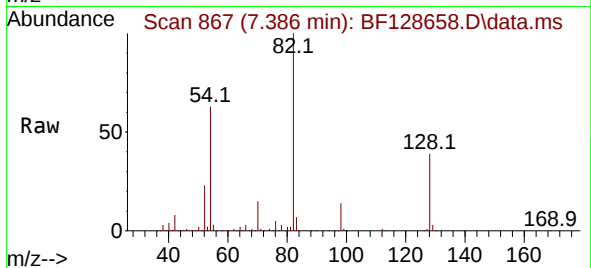




#25
Isophorone
Concen: 39.590 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128658.D
Acq: 03 Jun 2022 01:10

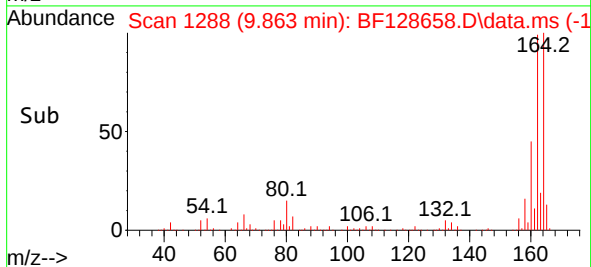
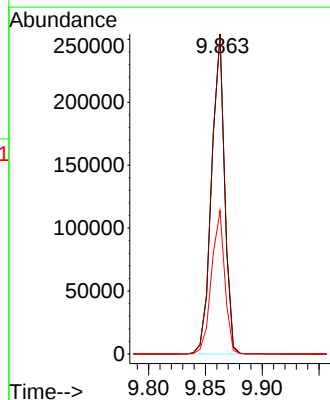
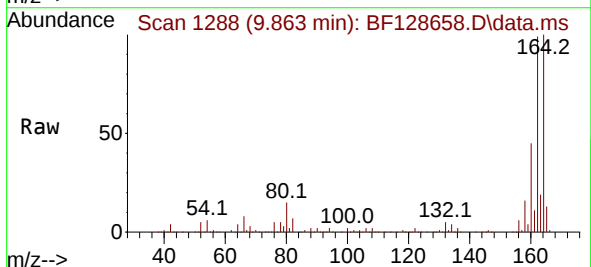
Instrument :
BNA_F
ClientSampleId :
P014-SS002-0612-01

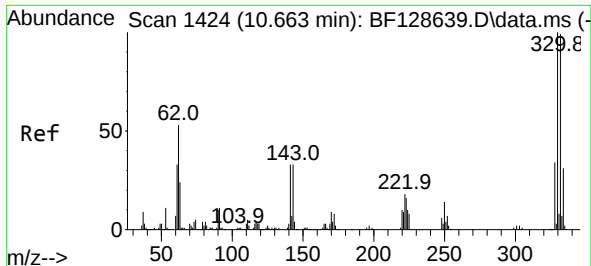
Tgt Ion: 82 Resp: 456506
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128658.D
Acq: 03 Jun 2022 01:10

Tgt Ion: 164 Resp: 201048
Ion Ratio Lower Upper
164 100
162 99.5 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 82.798 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128658.D

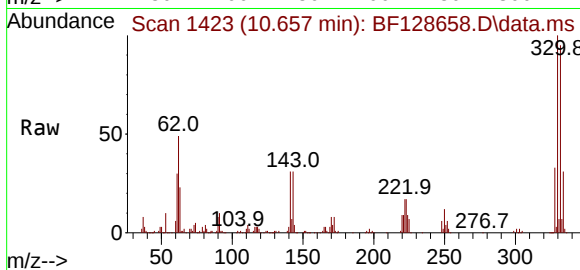
Acq: 03 Jun 2022 01:10

Instrument :

BNA_F

ClientSampleId :

P014-SS002-0612-01



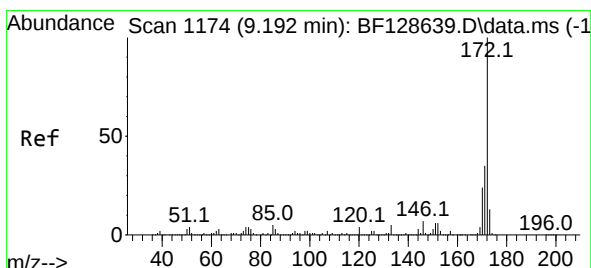
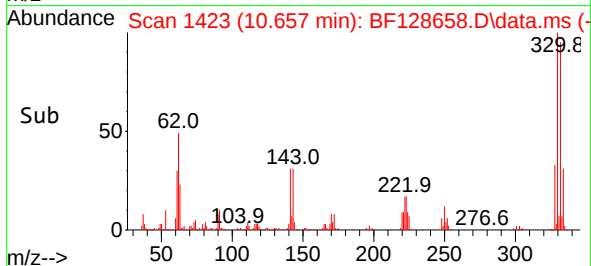
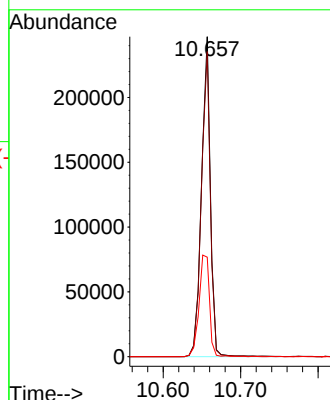
Tgt Ion:330 Resp: 196685

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 37.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 61.449 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128658.D

Acq: 03 Jun 2022 01:10

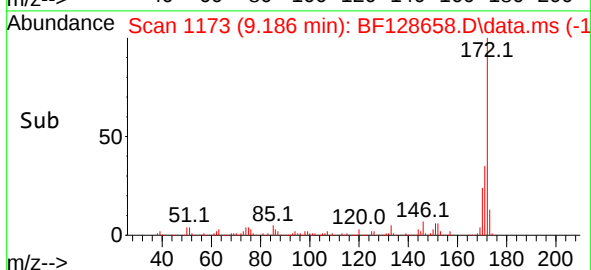
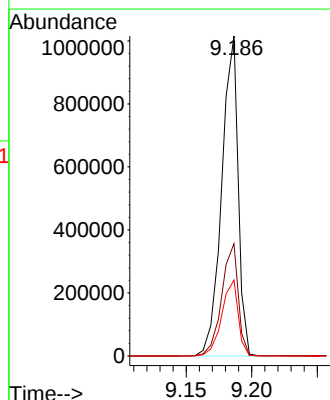
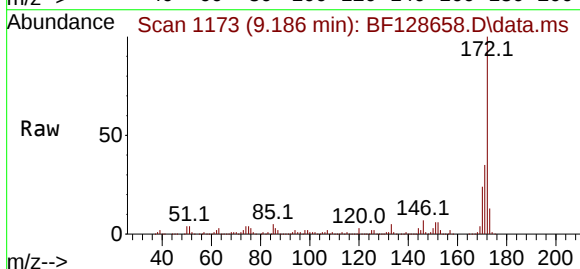
Tgt Ion:172 Resp: 881934

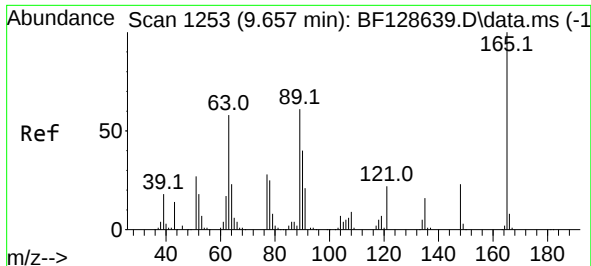
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.7 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.785 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.206 min

Lab File: BF128658.D

Acq: 03 Jun 2022 01:10

Instrument :

BNA_F

ClientSampleId :

P014-SS002-0612-01

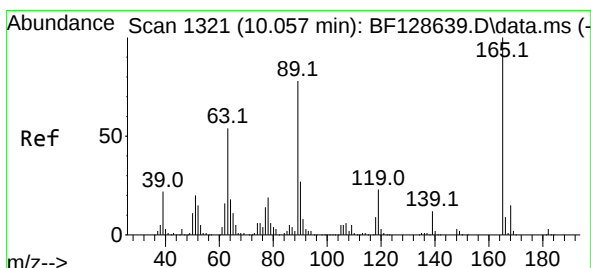
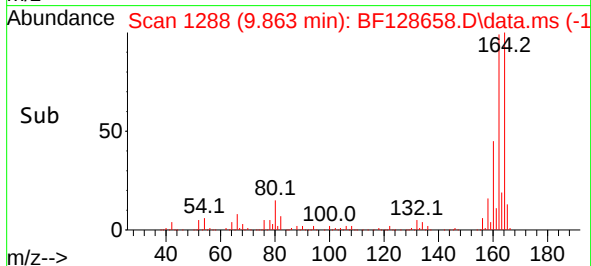
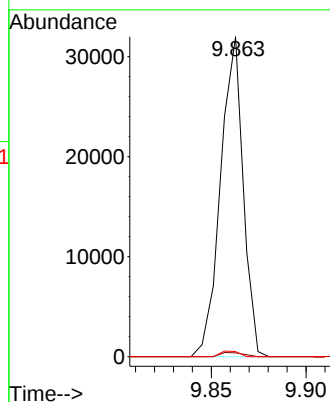
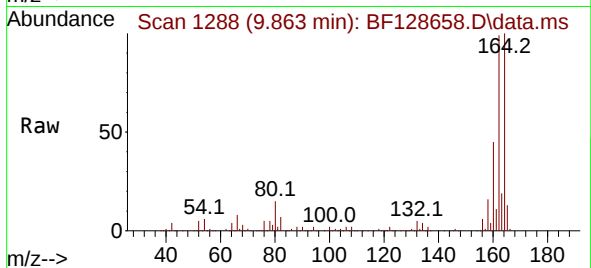
Tgt Ion:165 Resp: 26577

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.6 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.332 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.194 min

Lab File: BF128658.D

Acq: 03 Jun 2022 01:10

Tgt Ion:165 Resp: 26577

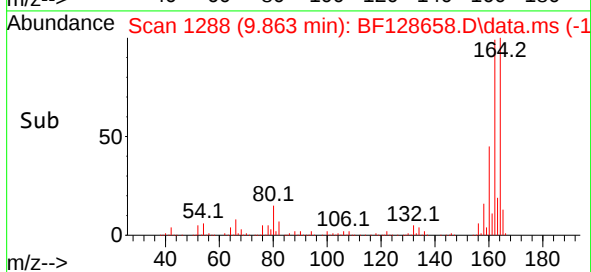
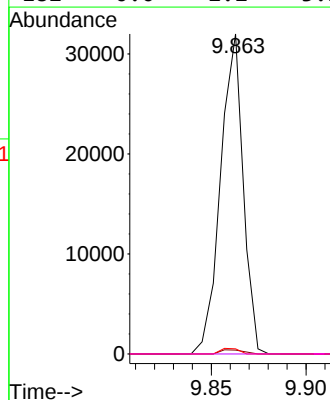
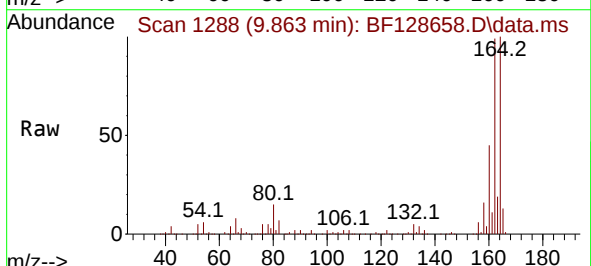
Ion Ratio Lower Upper

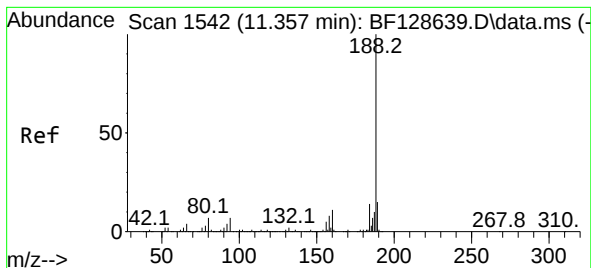
165 100

63 1.2 39.8 59.6#

89 1.6 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128658.D

Acq: 03 Jun 2022 01:10

Instrument :

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ClientSampleId :

P014-SS002-0612-01

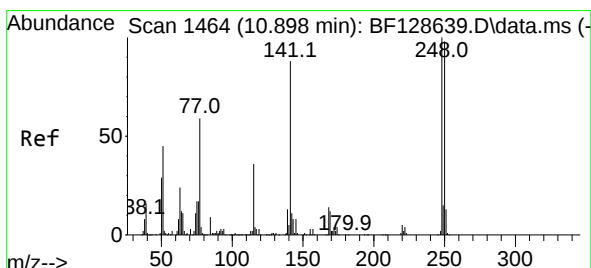
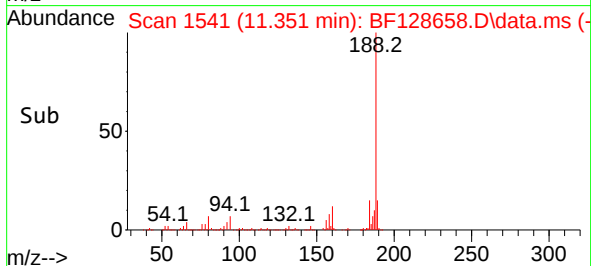
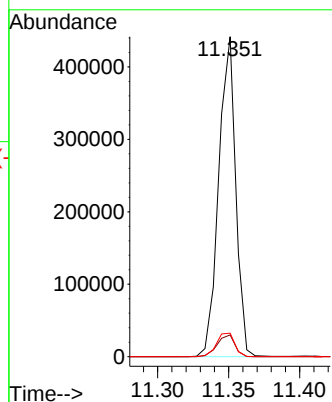
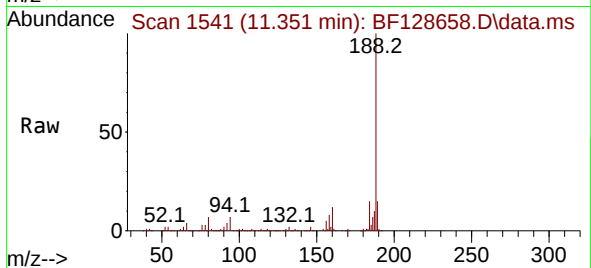
Tgt Ion:188 Resp: 367218

Ion Ratio Lower Upper

188 100

94 6.8 7.0 10.6#

80 7.4 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 3.230 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.241 min

Lab File: BF128658.D

Acq: 03 Jun 2022 01:10

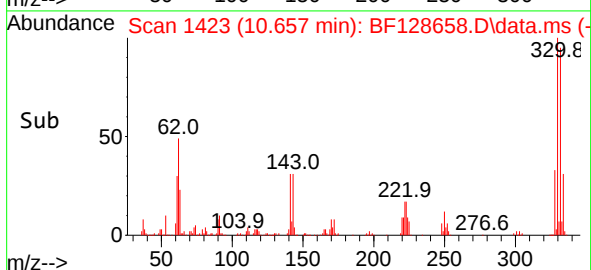
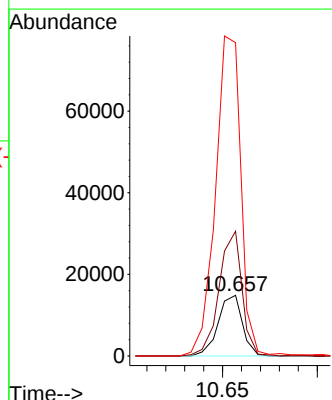
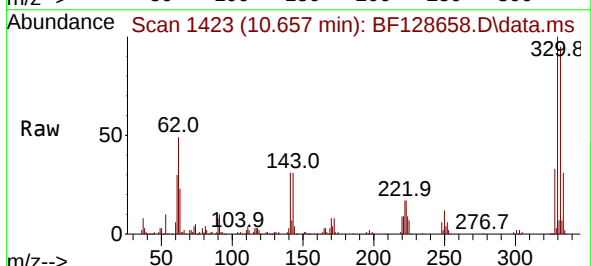
Tgt Ion:248 Resp: 13227

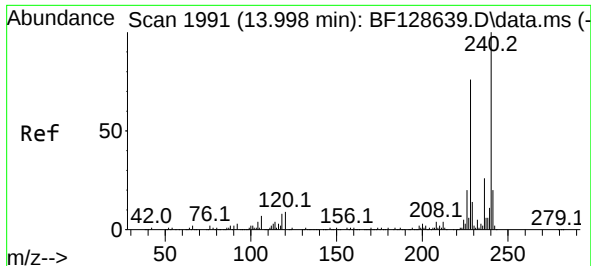
Ion Ratio Lower Upper

248 100

250 205.8 80.6 120.8#

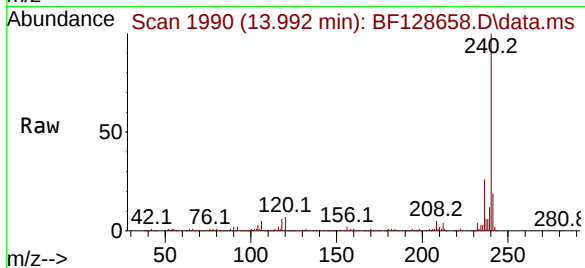
141 516.8 58.9 88.3#



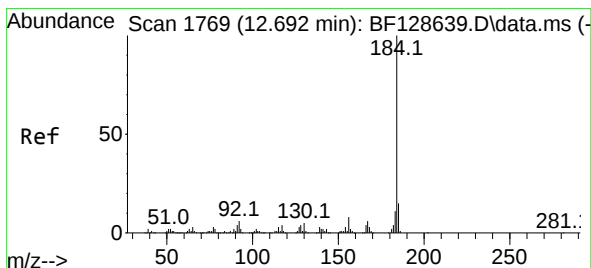
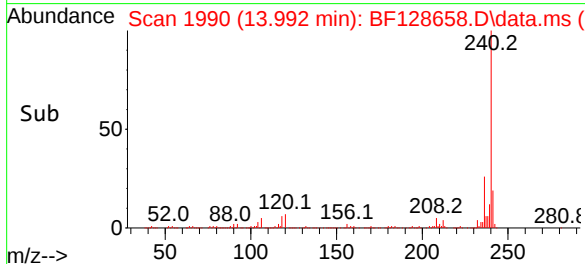
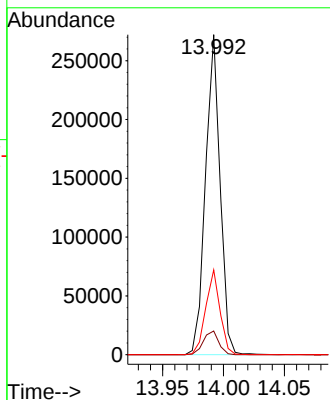


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128658.D
Acq: 03 Jun 2022 01:10

Instrument :
BNA_F
ClientSampleId :
P014-SS002-0612-01

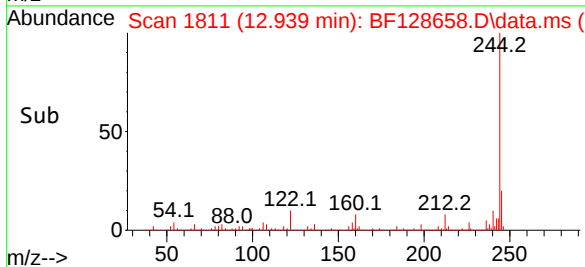
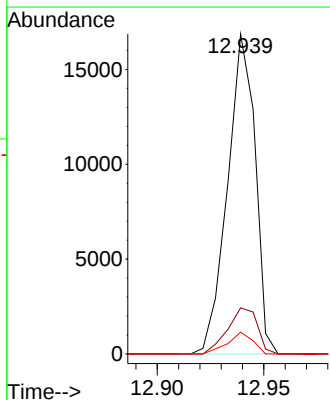
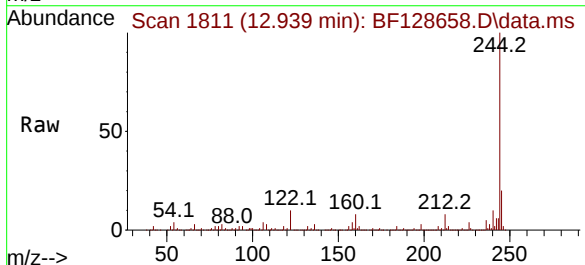


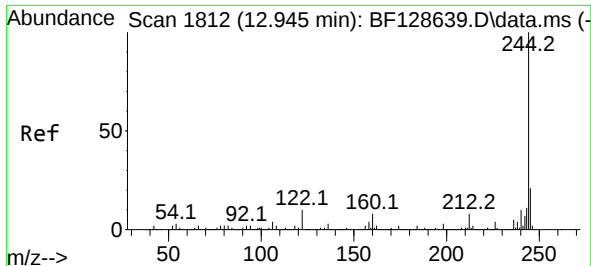
Tgt Ion:240 Resp: 226351
Ion Ratio Lower Upper
240 100
120 7.4 8.9 13.3#
236 26.5 20.8 31.2



#77
Benzidine
Concen: 3.380 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128658.D
Acq: 03 Jun 2022 01:10

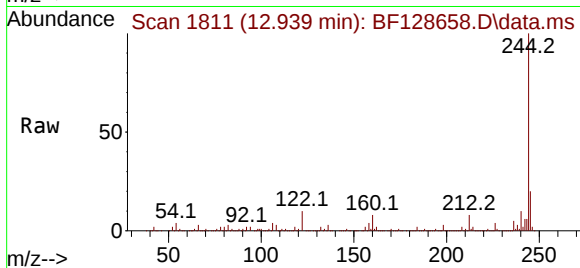
Tgt Ion:184 Resp: 15249
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 6.8 9.3 13.9#



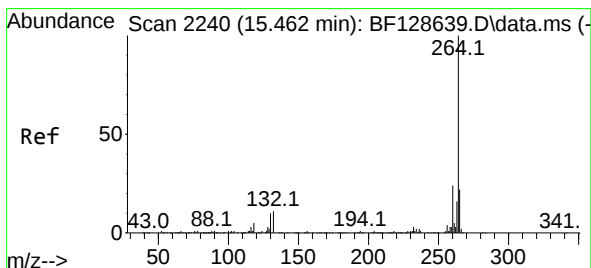
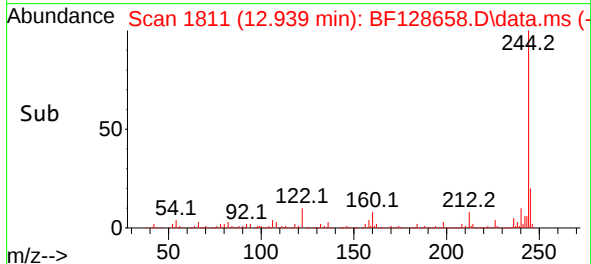
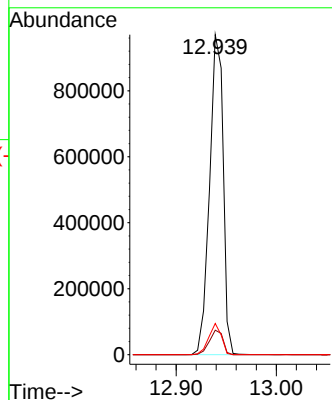


#79
 Terphenyl-d14
 Concen: 70.355 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF128658.D
 Acq: 03 Jun 2022 01:10

Instrument :
 BNA_F
 ClientSampleId :
 P014-SS002-0612-01



Tgt Ion:244 Resp: 916465
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 9.7 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2239
 Delta R.T. -0.005 min
 Lab File: BF128658.D
 Acq: 03 Jun 2022 01:10

Tgt Ion:264 Resp: 192648
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.4 27.6
 265 21.0 17.2 25.8

