

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128760.D
 Acq On : 10 Jun 2022 15:49
 Operator : CG\JU
 Sample : N3286-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Jun 11 01:27:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

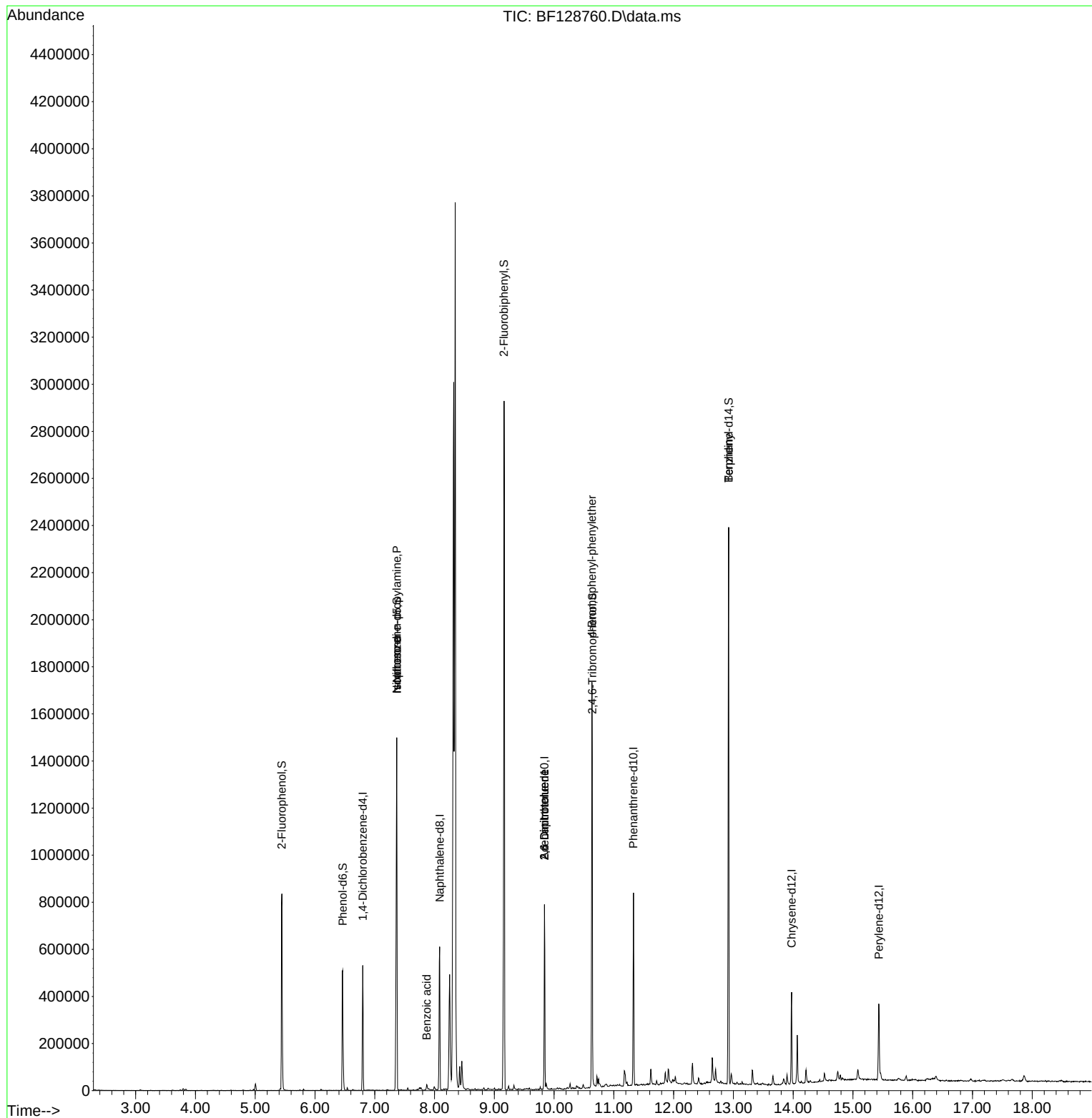
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	69749	20.000	ng	-0.01
21) Naphthalene-d8	8.086	136	266401	20.000	ng	#-0.01
39) Acenaphthene-d10	9.839	164	152731	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	266098	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	128791	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	145927	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	216784	49.506	ng	-0.01
7) Phenol-d6	6.463	99	172715	32.312	ng	-0.02
23) Nitrobenzene-d5	7.369	82	482152	84.265	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	208413	115.490	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	964055	88.420	ng	-0.01
79) Terphenyl-d14	12.921	244	795654	107.349	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	69534	20.922	ng	# 75
25) Isophorone	7.369	82	480719	55.317	ng	# 65
32) Benzoic acid	7.869	122	6518	2.606	ng	91
51) 2,6-Dinitrotoluene	9.839	165	19886	9.638	ng	# 26
57) 2,4-Dinitrotoluene	9.839	165	19886	7.222	ng	# 22
67) 4-Bromophenyl-phenylether	10.633	248	13456	4.534	ng	# 1
77) Benzidine	12.921	184	11605	4.520	ng	# 91

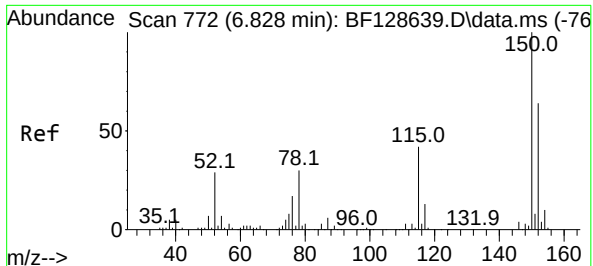
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
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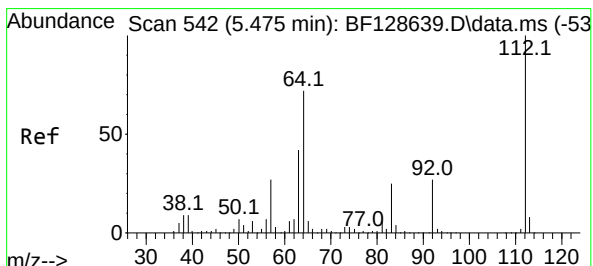
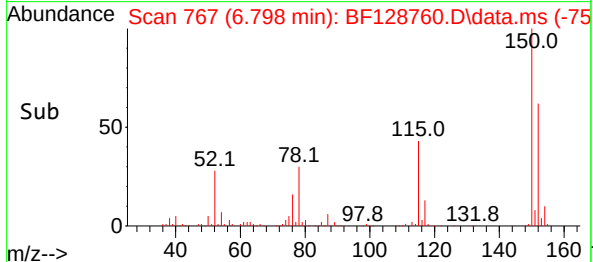
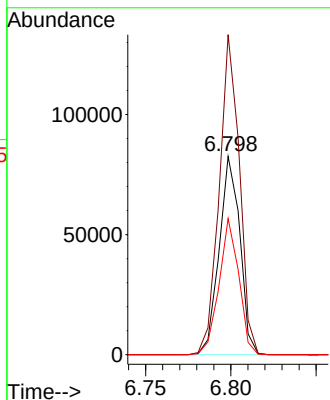
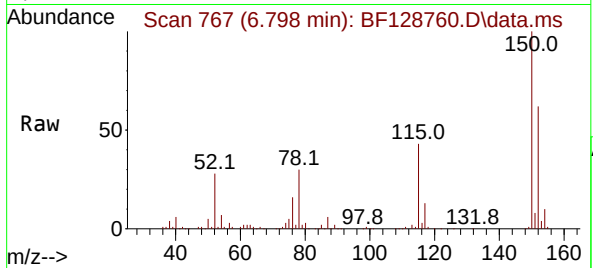




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF128760.D
Acq: 10 Jun 2022 15:49

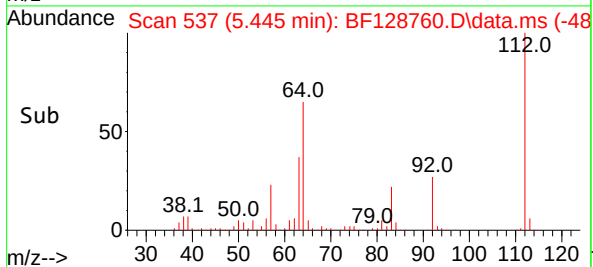
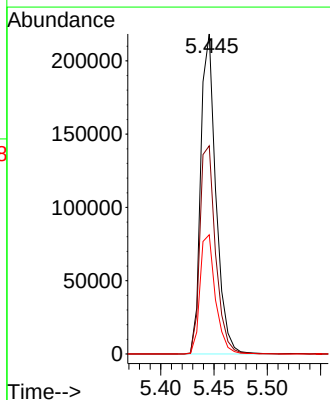
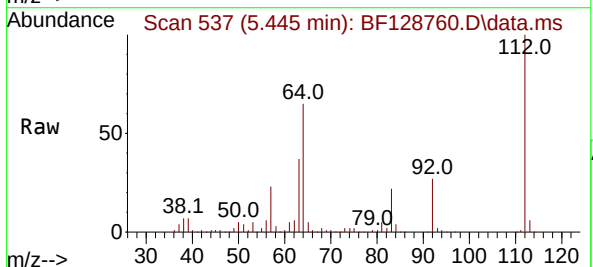
Instrument :
BNA_F
ClientSampleId :
MW-3

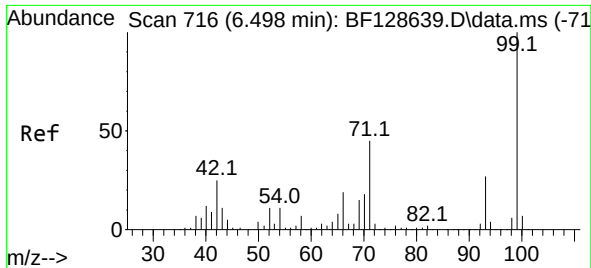
Tgt Ion:152 Resp: 69749
Ion Ratio Lower Upper
152 100
150 161.4 123.7 185.5
115 68.7 49.9 74.9



#5
2-Fluorophenol
Concen: 49.506 ng
RT: 5.445 min Scan# 537
Delta R.T. -0.012 min
Lab File: BF128760.D
Acq: 10 Jun 2022 15:49

Tgt Ion:112 Resp: 216784
Ion Ratio Lower Upper
112 100
64 65.1 53.3 79.9
63 37.3 28.0 42.0

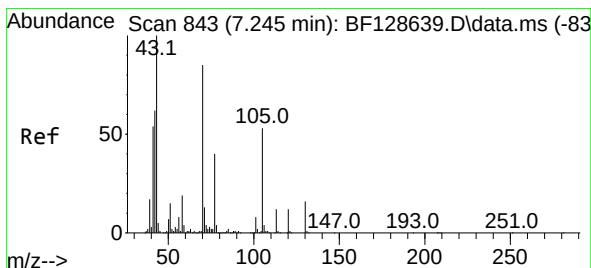
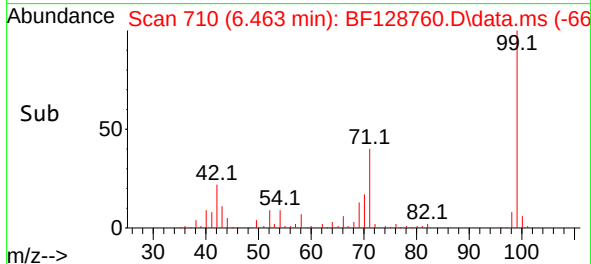
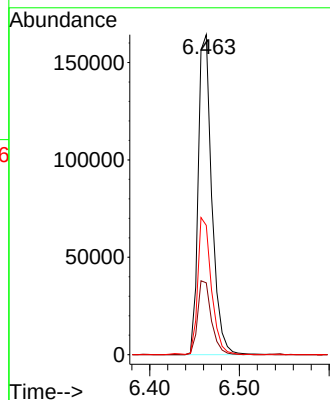
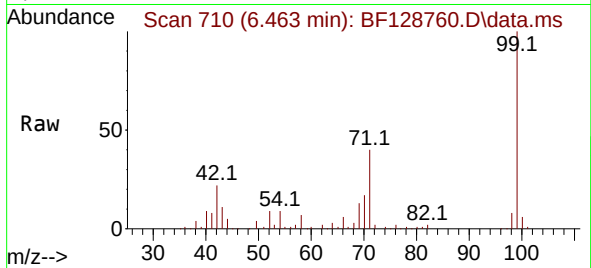




#7
Phenol-d6
Concen: 32.312 ng
RT: 6.463 min Scan# 716
Delta R.T. -0.018 min
Lab File: BF128760.D
Acq: 10 Jun 2022 15:49

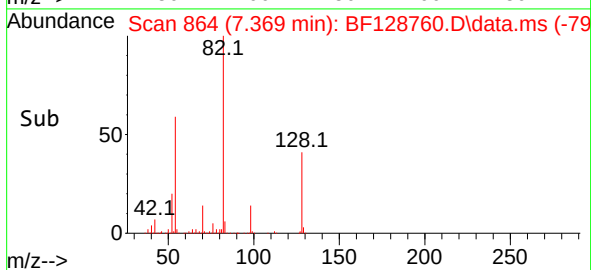
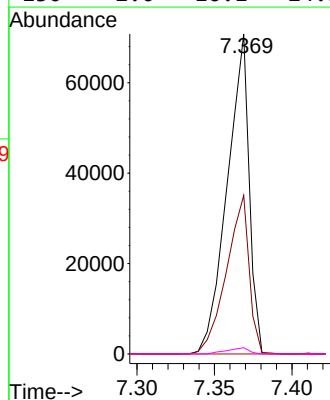
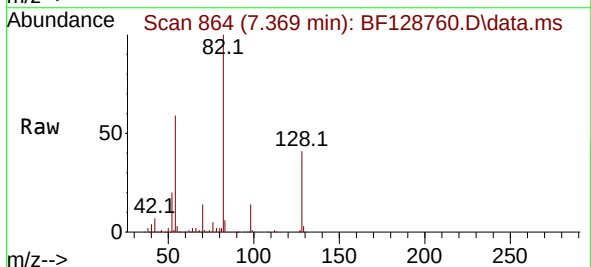
Instrument :
BNA_F
ClientSampleId :
MW-3

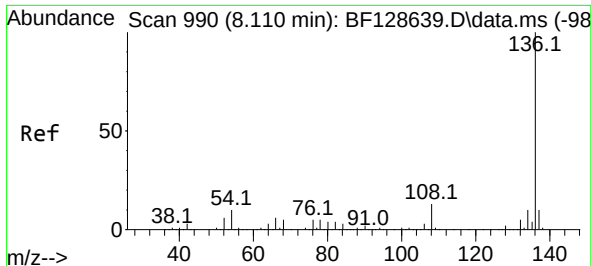
Tgt Ion: 99 Resp: 172715
Ion Ratio Lower Upper
99 100
42 22.5 17.3 25.9
71 40.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.922 ng
RT: 7.369 min Scan# 864
Delta R.T. 0.135 min
Lab File: BF128760.D
Acq: 10 Jun 2022 15:49

Tgt Ion: 70 Resp: 69534
Ion Ratio Lower Upper
70 100
42 49.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

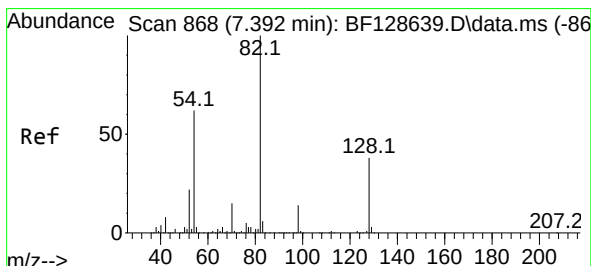
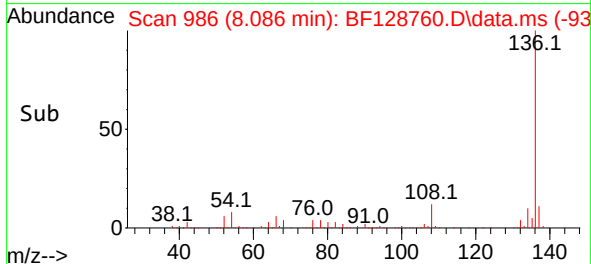
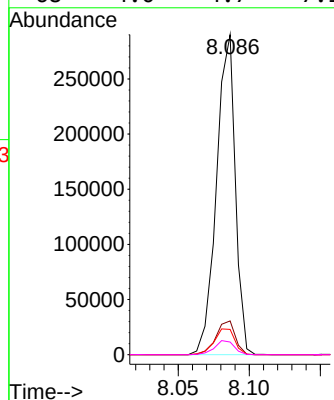
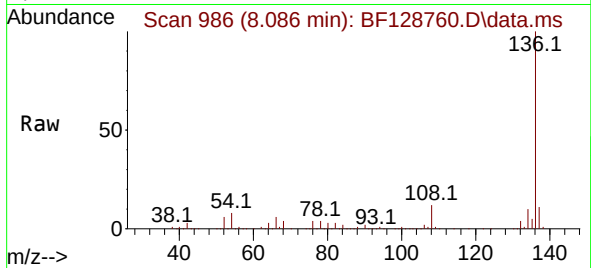




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128760.D
Acq: 10 Jun 2022 15:49

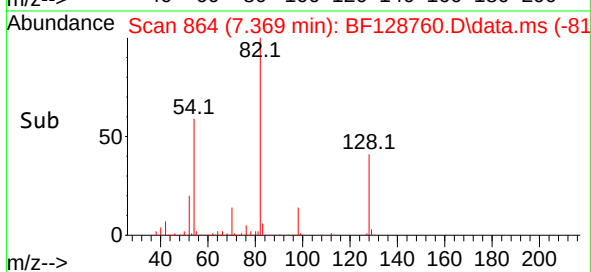
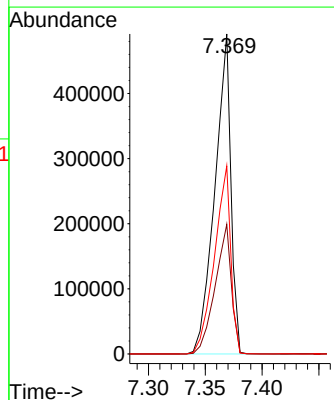
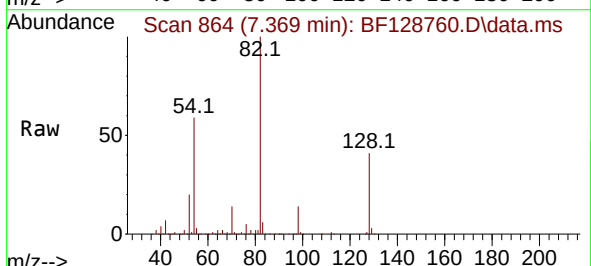
Instrument :
BNA_F
ClientSampleId :
MW-3

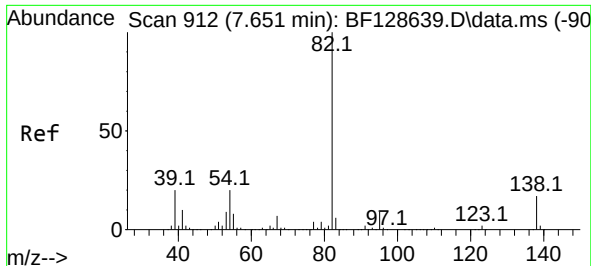
Tgt Ion:136 Resp: 266401
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.9 7.5 11.3
68 4.0 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 84.265 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF128760.D
Acq: 10 Jun 2022 15:49

Tgt Ion: 82 Resp: 482152
Ion Ratio Lower Upper
82 100
128 40.5 34.0 51.0
54 58.8 46.9 70.3

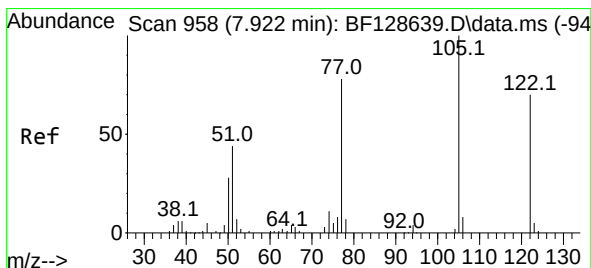
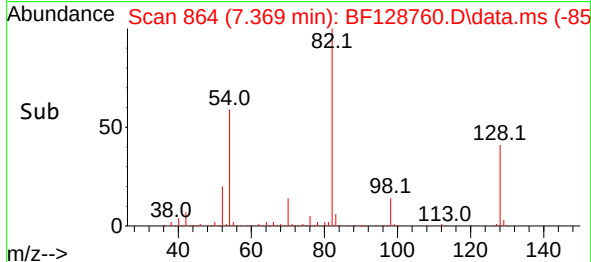
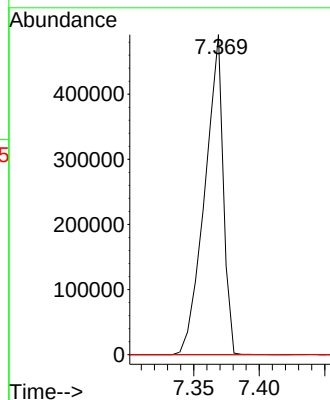
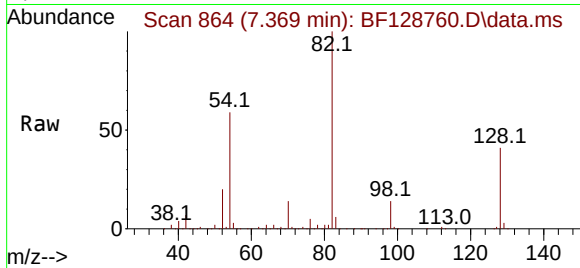




#25
Isophorone
Concen: 55.317 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128760.D
Acq: 10 Jun 2022 15:49

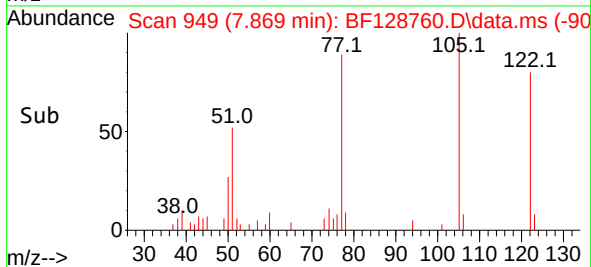
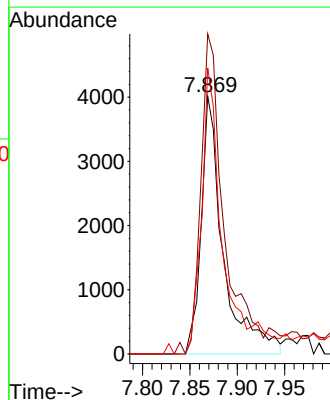
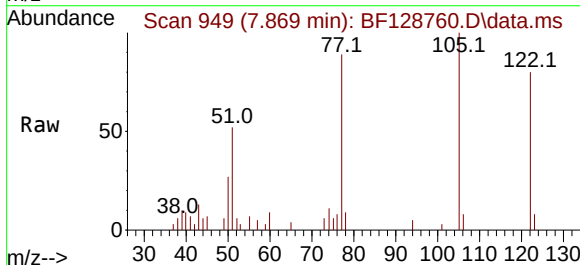
Instrument :
BNA_F
ClientSampleId :
MW-3

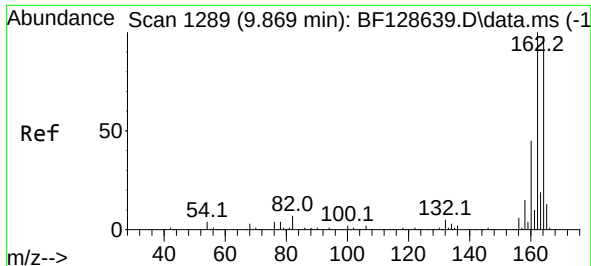
Tgt Ion: 82 Resp: 480719
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#32
Benzoic acid
Concen: 2.606 ng
RT: 7.869 min Scan# 949
Delta R.T. -0.041 min
Lab File: BF128760.D
Acq: 10 Jun 2022 15:49

Tgt Ion:122 Resp: 6518
Ion Ratio Lower Upper
122 100
105 124.3 107.1 147.1
77 111.1 74.2 114.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF128760.D

Acq: 10 Jun 2022 15:49

Instrument :

BNA_F

ClientSampleId :

MW-3

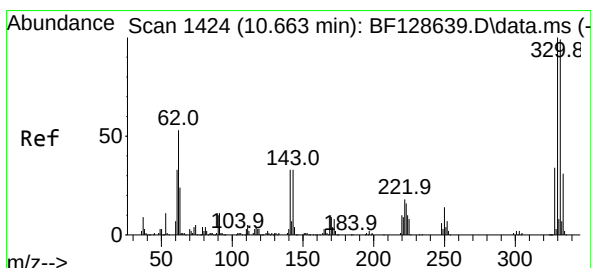
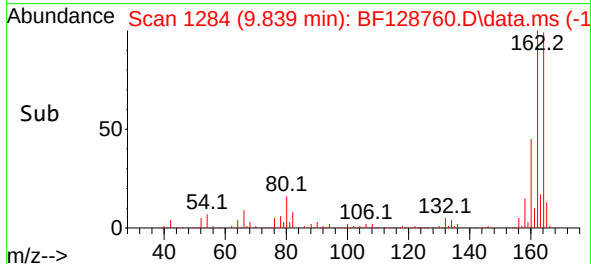
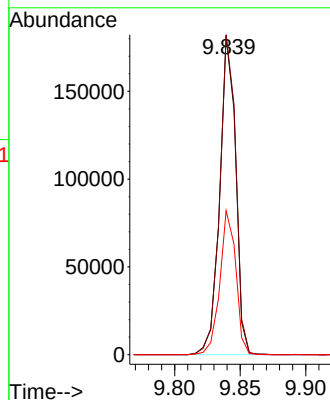
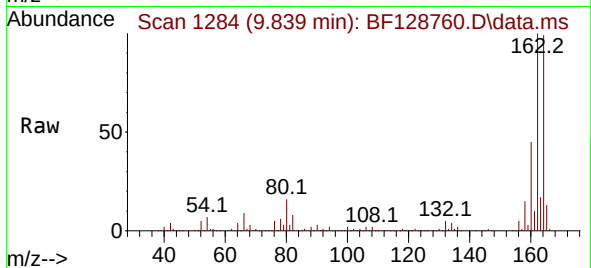
Tgt Ion:164 Resp: 152731

Ion Ratio Lower Upper

164 100

162 100.6 79.5 119.3

160 45.3 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 115.490 ng

RT: 10.639 min Scan# 1420

Delta R.T. -0.012 min

Lab File: BF128760.D

Acq: 10 Jun 2022 15:49

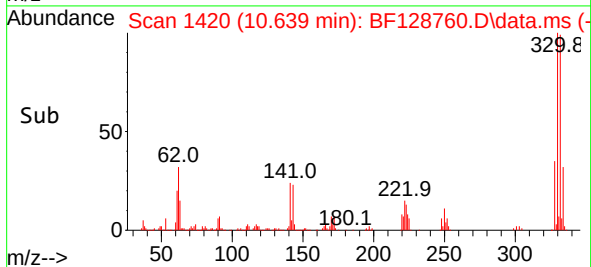
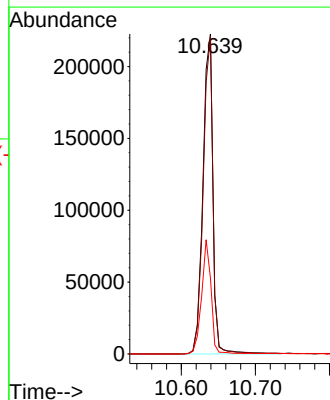
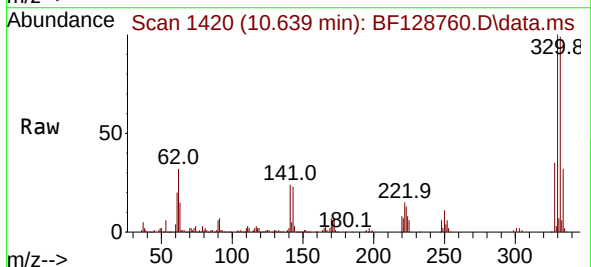
Tgt Ion:330 Resp: 208413

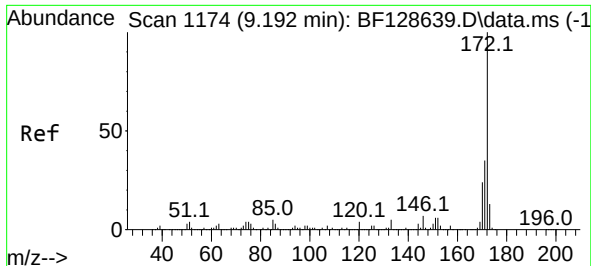
Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

141 33.8 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 88.420 ng

RT: 9.163 min Scan# 1174

Delta R.T. -0.012 min

Lab File: BF128760.D

Acq: 10 Jun 2022 15:49

Instrument :

BNA_F

ClientSampleId :

MW-3

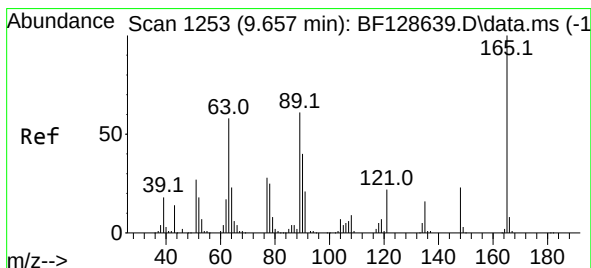
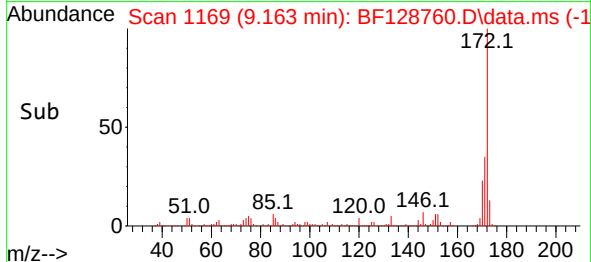
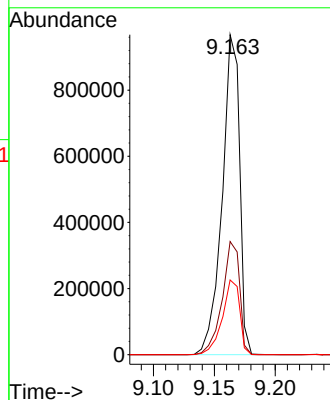
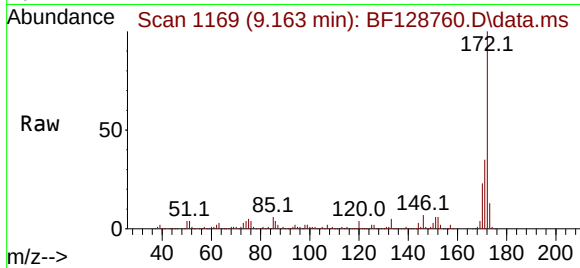
Tgt Ion:172 Resp: 964055

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.4 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 9.638 ng

RT: 9.839 min Scan# 1284

Delta R.T. 0.194 min

Lab File: BF128760.D

Acq: 10 Jun 2022 15:49

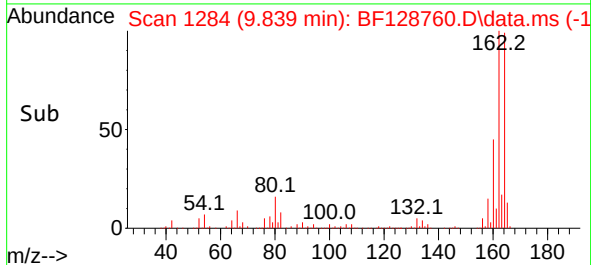
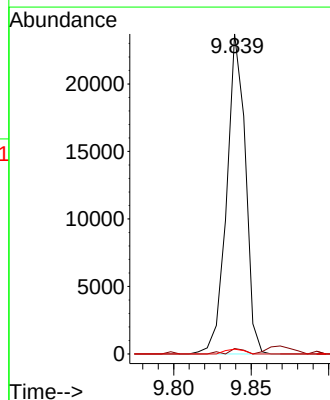
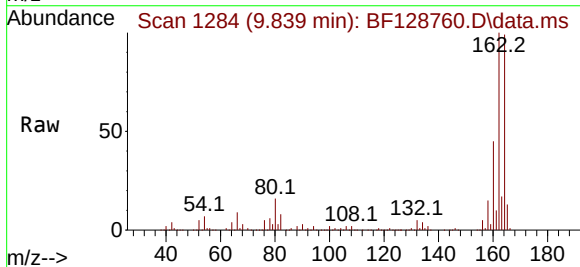
Tgt Ion:165 Resp: 19886

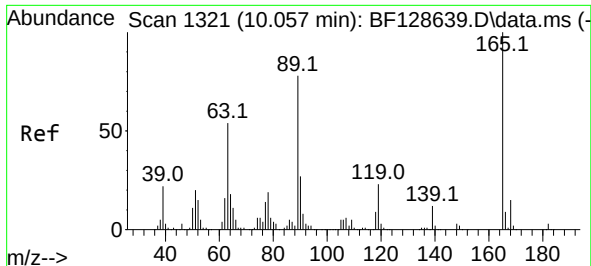
Ion Ratio Lower Upper

165 100

63 1.7 44.9 67.3#

89 1.5 43.6 65.4#

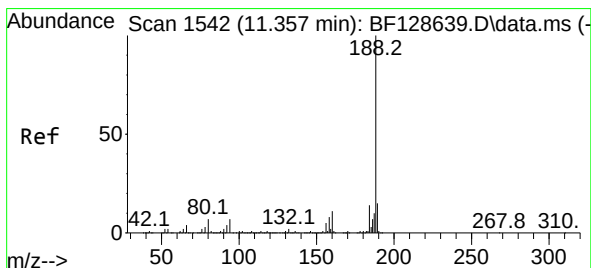
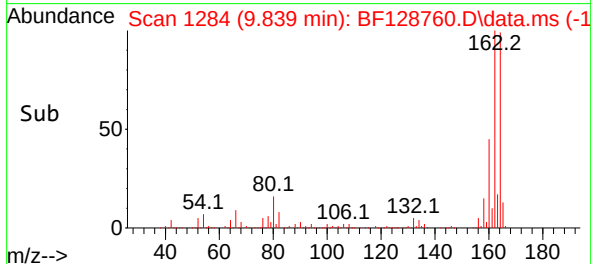
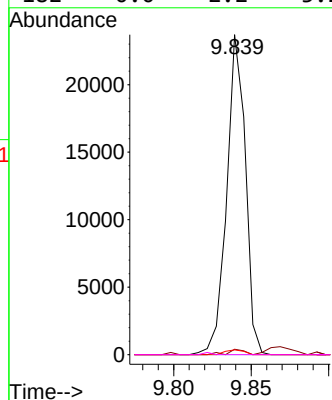
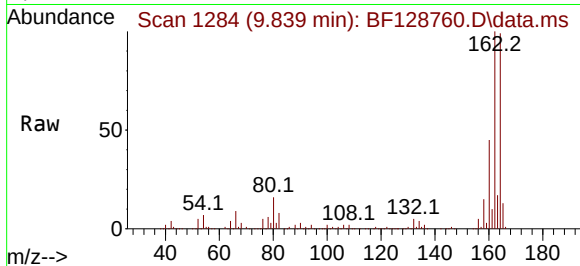




#57
2,4-Dinitrotoluene
Concen: 7.222 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128760.D
Acq: 10 Jun 2022 15:49

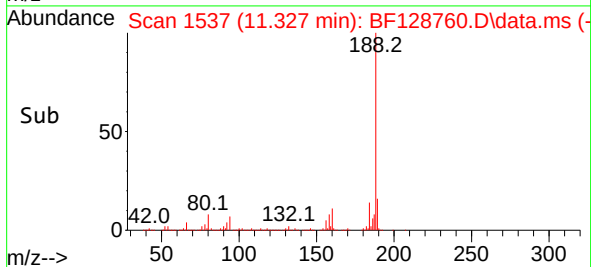
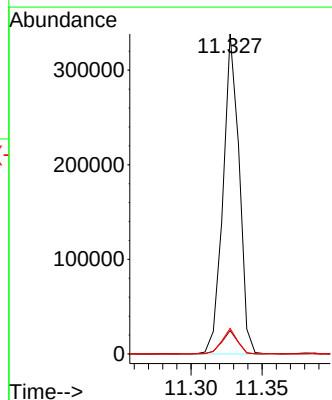
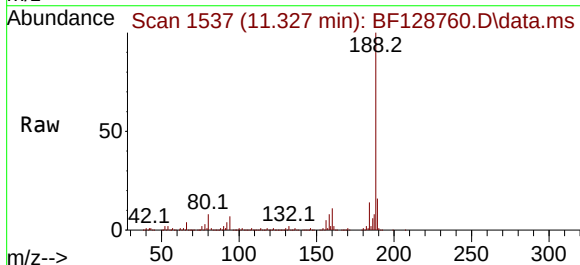
Instrument :
BNA_F
ClientSampleId :
MW-3

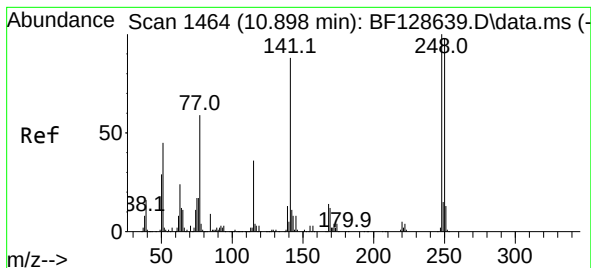
Tgt Ion:165 Resp: 19886
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1537
Delta R.T. -0.012 min
Lab File: BF128760.D
Acq: 10 Jun 2022 15:49

Tgt Ion:188 Resp: 266098
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.0 7.6 11.4

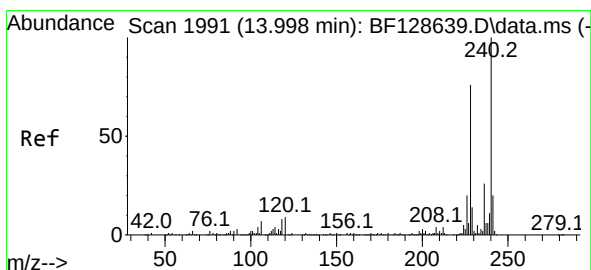
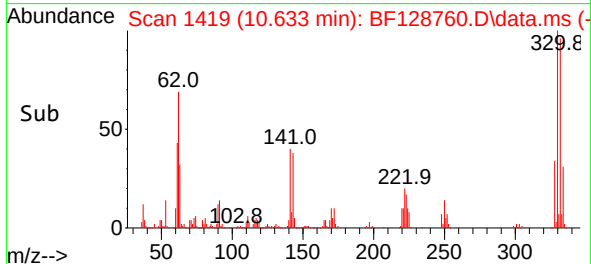
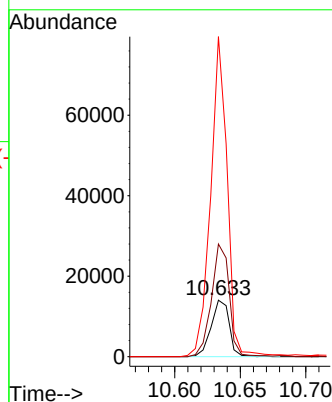
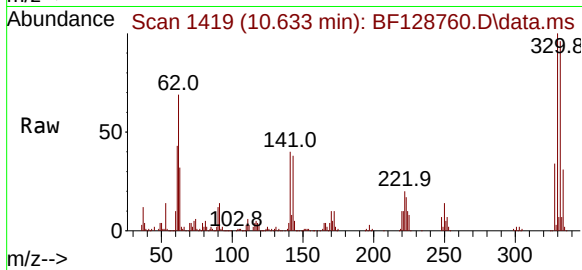




#67
4-Bromophenyl-phenylether
Concen: 4.534 ng
RT: 10.633 min Scan# 1464
Delta R.T. -0.253 min
Lab File: BF128760.D
Acq: 10 Jun 2022 15:49

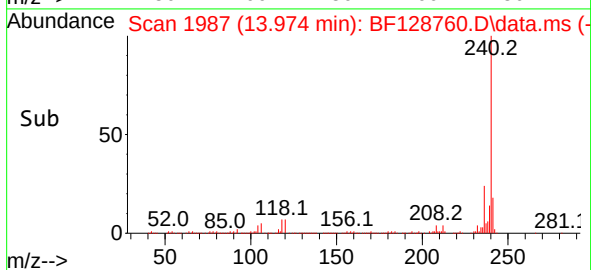
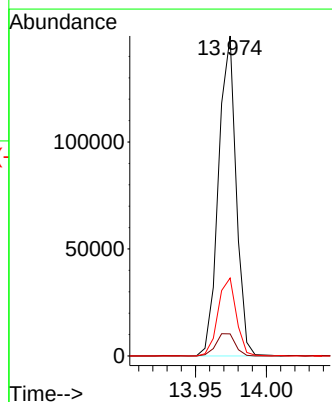
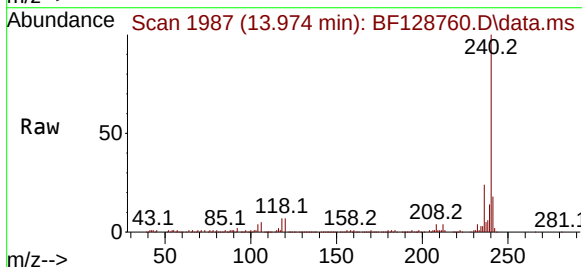
Instrument :
BNA_F
ClientSampleId :
MW-3

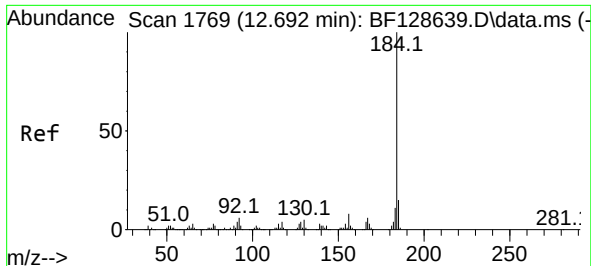
Tgt Ion:248 Resp: 13456
Ion Ratio Lower Upper
248 100
250 199.5 80.6 120.8#
141 566.5 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1987
Delta R.T. -0.012 min
Lab File: BF128760.D
Acq: 10 Jun 2022 15:49

Tgt Ion:240 Resp: 128791
Ion Ratio Lower Upper
240 100
120 6.9 8.9 13.3#
236 24.4 20.8 31.2

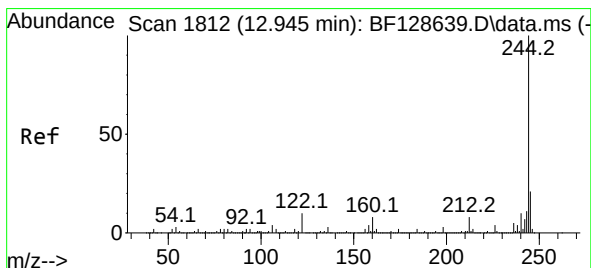
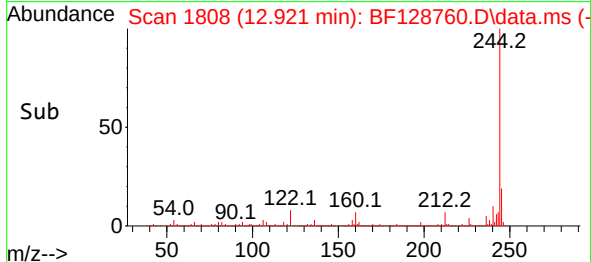
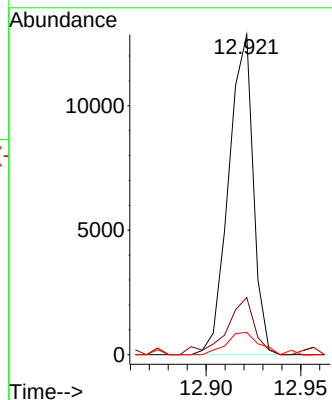
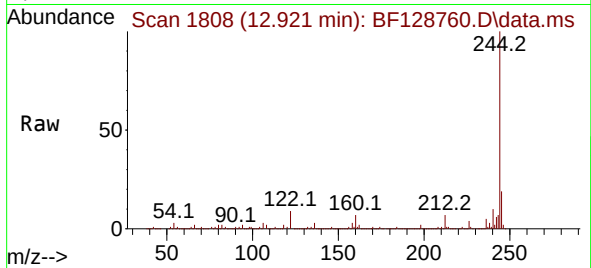




#77
Benzidine
Concen: 4.520 ng
RT: 12.921 min Scan# 1808
Delta R.T. 0.241 min
Lab File: BF128760.D
Acq: 10 Jun 2022 15:49

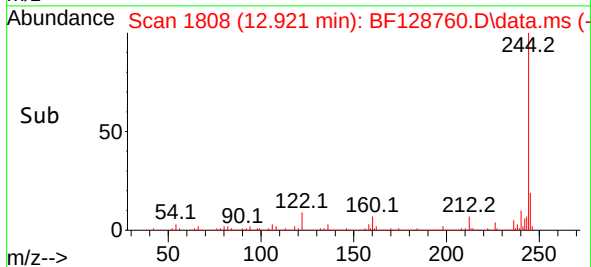
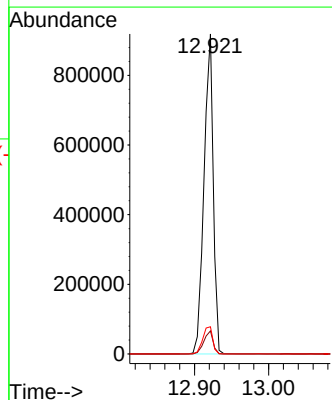
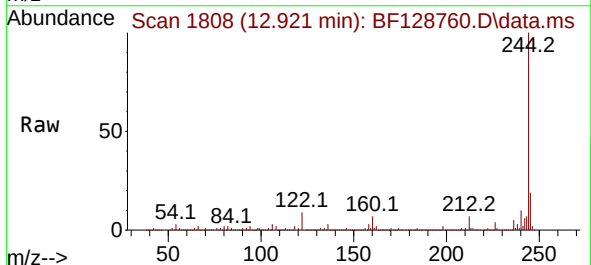
Instrument :
BNA_F
ClientSampleId :
MW-3

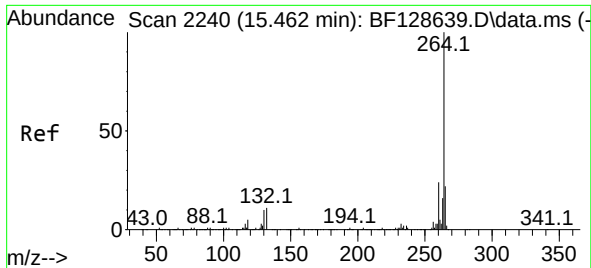
Tgt Ion:184 Resp: 11605
Ion Ratio Lower Upper
184 100
185 17.9 11.9 17.9
183 6.9 9.3 13.9#



#79
Terphenyl-d14
Concen: 107.349 ng
RT: 12.921 min Scan# 1808
Delta R.T. -0.012 min
Lab File: BF128760.D
Acq: 10 Jun 2022 15:49

Tgt Ion:244 Resp: 795654
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 8.5 8.8 13.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF128760.D
 Acq: 10 Jun 2022 15:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion:264 Resp: 145927
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 21.8 17.2 25.8

