

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128960.D
 Acq On : 23 Jun 2022 19:10
 Operator : CG\JU
 Sample : N3464-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-F1(0-4)

Quant Time: Jun 24 04:33:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

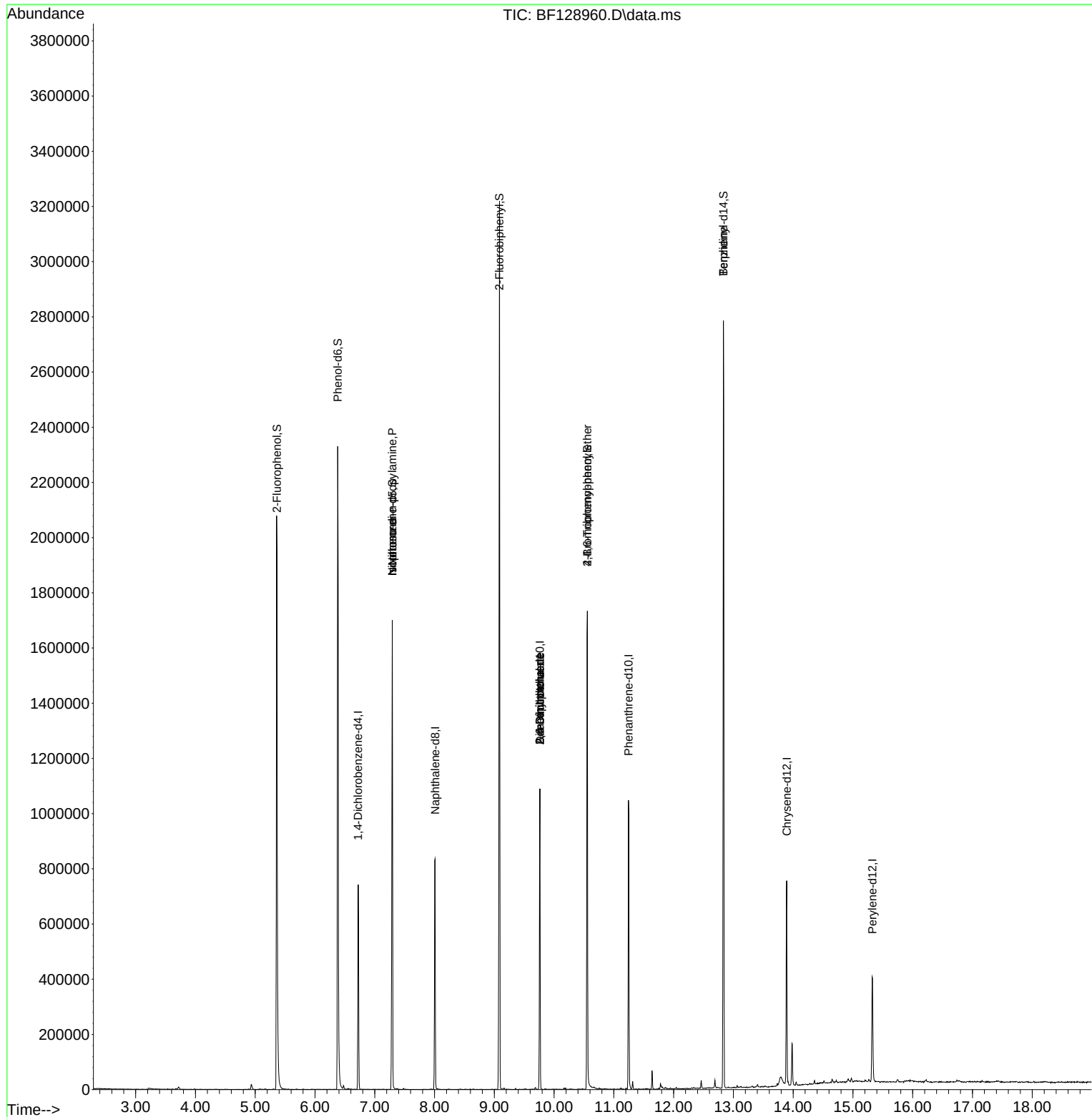
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	99568	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	380694	20.000	ng	# 0.00
39) Acenaphthene-d10	9.763	164	209487	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	393035	20.000	ng	0.00
76) Chrysene-d12	13.892	240	249178	20.000	ng	# 0.00
86) Perylene-d12	15.327	264	176222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	562459	89.979	ng	0.00
7) Phenol-d6	6.381	99	716024	93.838	ng	0.00
23) Nitrobenzene-d5	7.292	82	504062	61.646	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	199676	80.671	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	931495	62.287	ng	0.00
79) Terphenyl-d14	12.833	244	962854	67.144	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.292	70	72026	15.182	ng	# 78
25) Isophorone	7.292	82	492720	39.676	ng	# 65
50) Dimethylphthalate	9.763	163	38960	2.717	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	26945	9.521	ng	# 26
57) 2,4-Dinitrotoluene	9.763	165	26945	7.134	ng	# 21
67) 4-Bromophenyl-phenylether	10.557	248	13355	3.047	ng	# 1
77) Benzidine	12.833	184	14110	2.841	ng	# 92

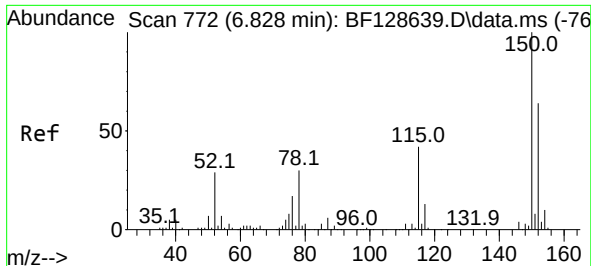
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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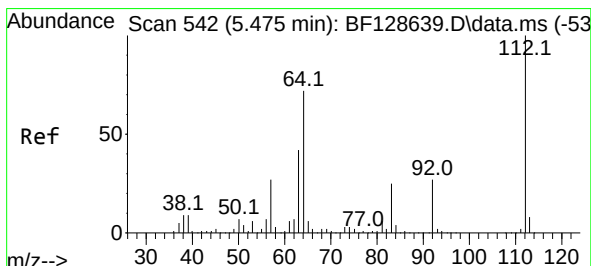
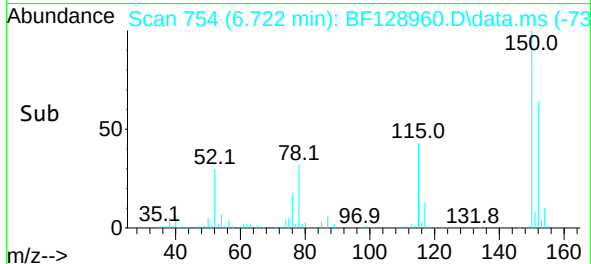
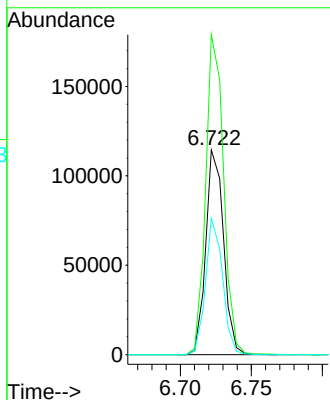
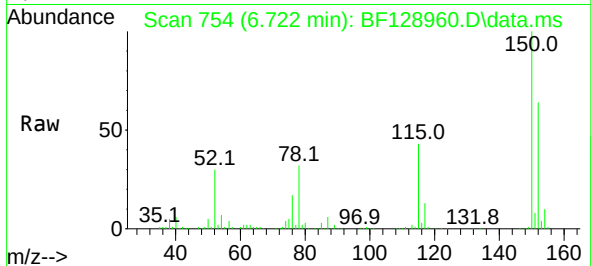




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128960.D
 Acq: 23 Jun 2022 19:10

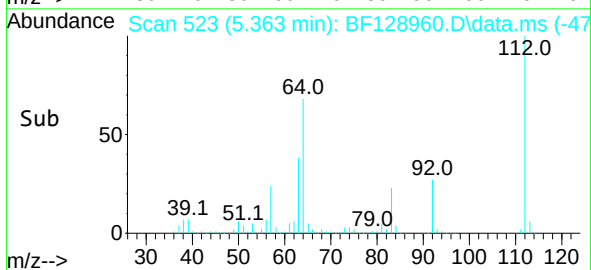
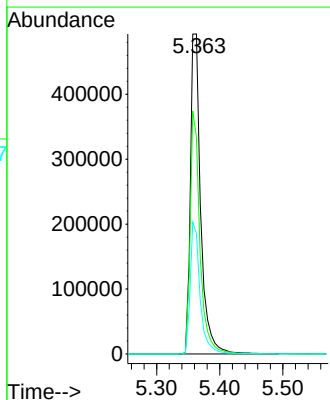
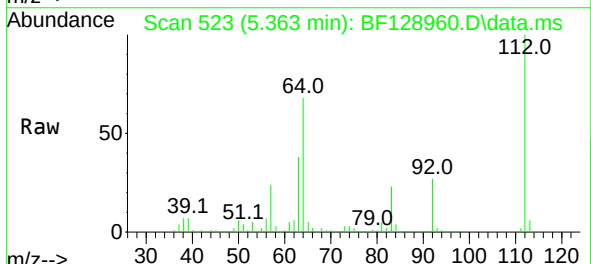
Instrument :
 BNA_F
 ClientSampleId :
 WC-F1(0-4)

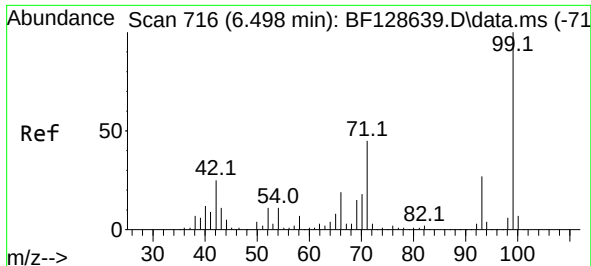
Tgt Ion:152 Resp: 99568
 Ion Ratio Lower Upper
 152 100
 150 156.3 123.7 185.5
 115 66.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 89.979 ng
 RT: 5.363 min Scan# 523
 Delta R.T. 0.006 min
 Lab File: BF128960.D
 Acq: 23 Jun 2022 19:10

Tgt Ion:112 Resp: 562459
 Ion Ratio Lower Upper
 112 100
 64 67.7 53.3 79.9
 63 37.7 28.0 42.0

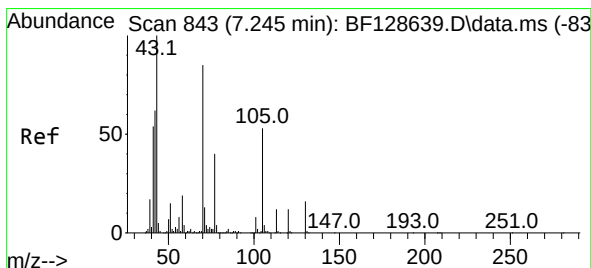
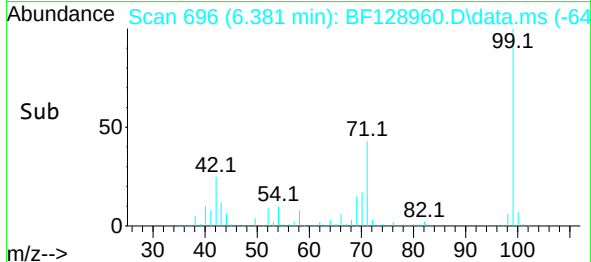
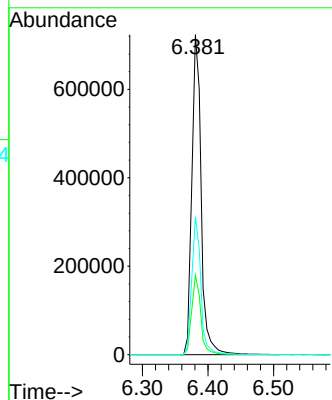
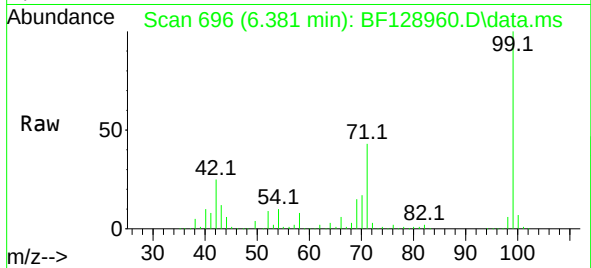




#7
Phenol-d6
Concen: 93.838 ng
RT: 6.381 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF128960.D
Acq: 23 Jun 2022 19:10

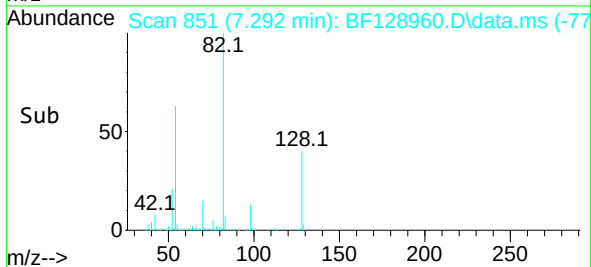
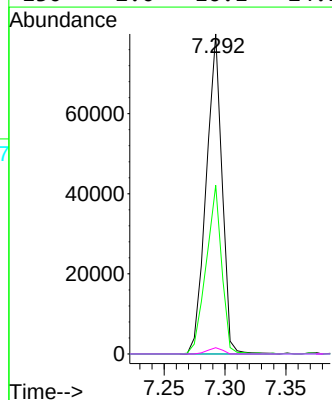
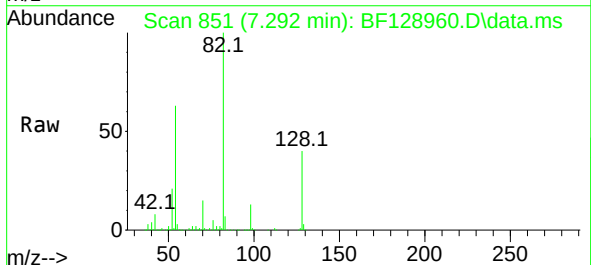
Instrument :
BNA_F
ClientSampleId :
WC-F1(0-4)

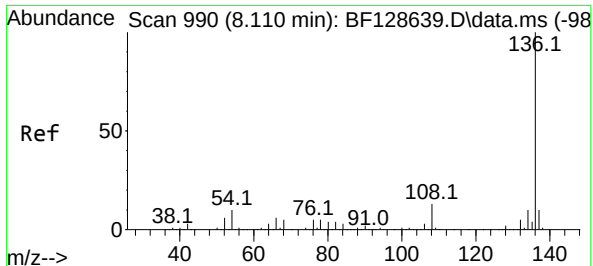
Tgt Ion: 99 Resp: 716024
Ion Ratio Lower Upper
99 100
42 24.8 17.3 25.9
71 43.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.182 ng
RT: 7.292 min Scan# 851
Delta R.T. 0.141 min
Lab File: BF128960.D
Acq: 23 Jun 2022 19:10

Tgt Ion: 70 Resp: 72026
Ion Ratio Lower Upper
70 100
42 52.7 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: 8.010 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128960.D

Acq: 23 Jun 2022 19:10

Instrument :

BNA_F

ClientSampleId :

WC-F1(0-4)

Tgt Ion:136 Resp: 380694

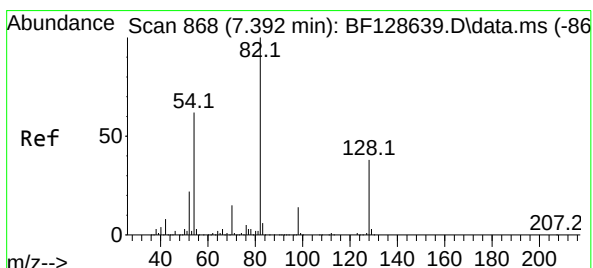
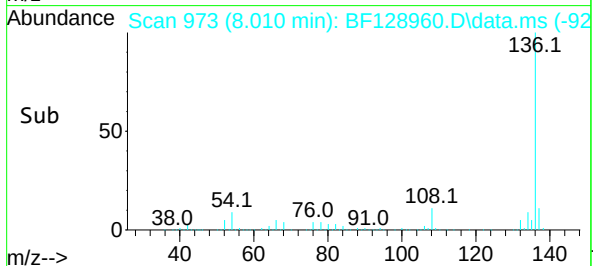
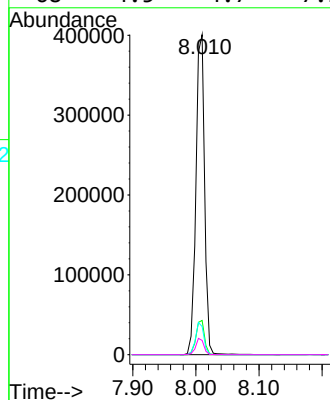
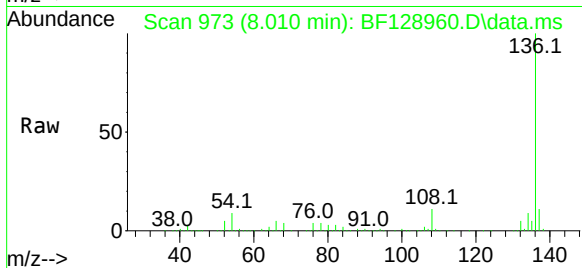
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.8 7.5 11.3

68 4.5 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 61.646 ng

RT: 7.292 min Scan# 851

Delta R.T. -0.012 min

Lab File: BF128960.D

Acq: 23 Jun 2022 19:10

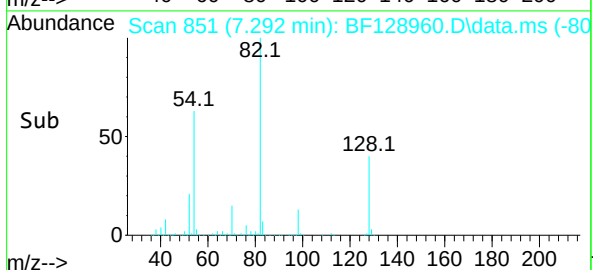
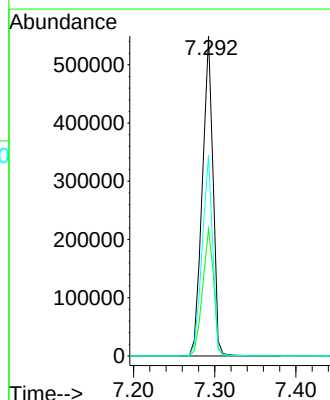
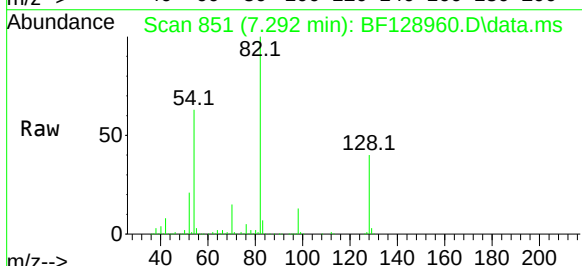
Tgt Ion: 82 Resp: 504062

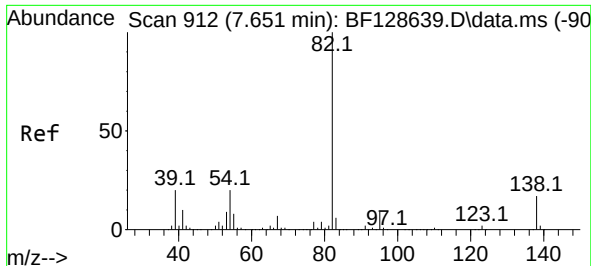
Ion Ratio Lower Upper

82 100

128 39.6 34.0 51.0

54 62.7 46.9 70.3

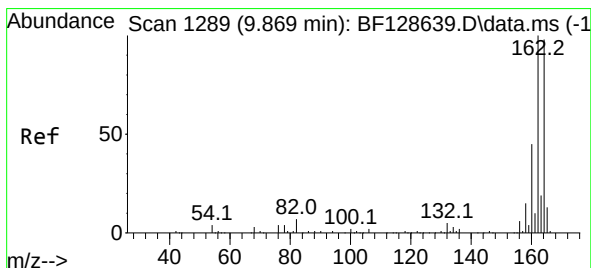
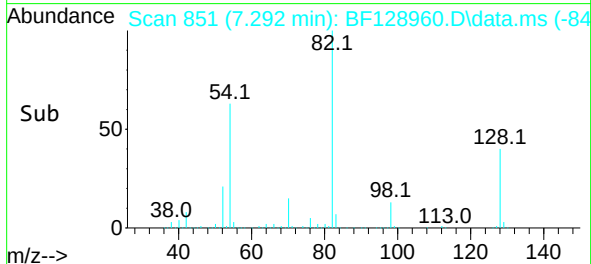
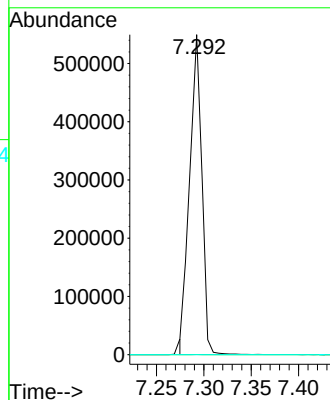
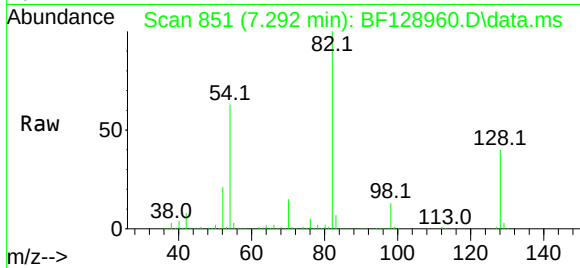




#25
Isophorone
Concen: 39.676 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128960.D
Acq: 23 Jun 2022 19:10

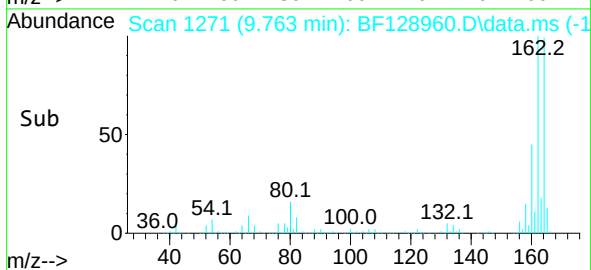
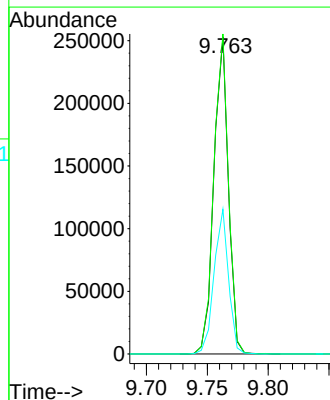
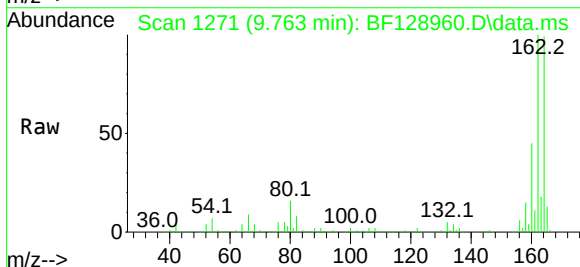
Instrument :
BNA_F
ClientSampleId :
WC-F1(0-4)

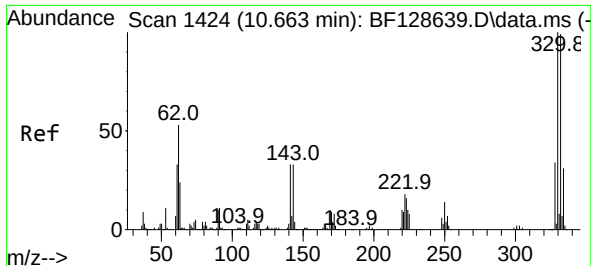
Tgt Ion: 82 Resp: 492720
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128960.D
Acq: 23 Jun 2022 19:10

Tgt Ion:164 Resp: 209487
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 45.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 80.671 ng

RT: 10.557 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128960.D

Acq: 23 Jun 2022 19:10

Instrument :

BNA_F

ClientSampleId :

WC-F1(0-4)

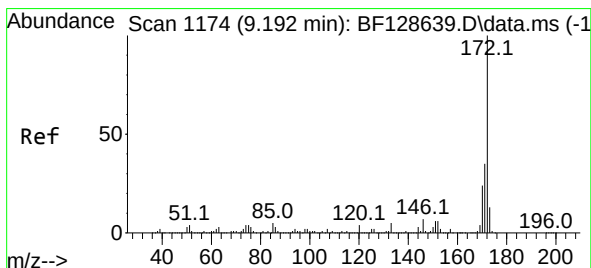
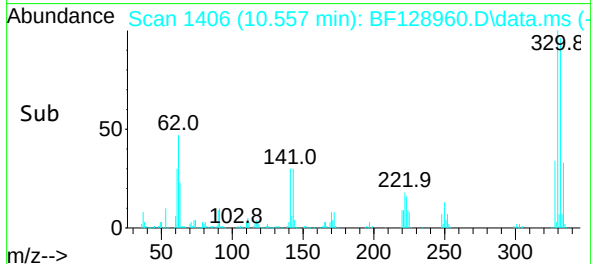
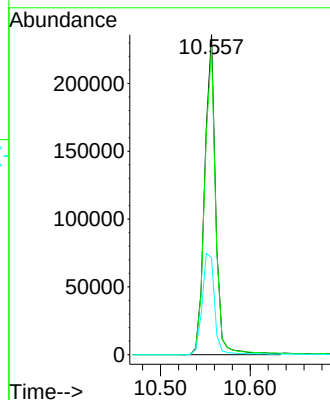
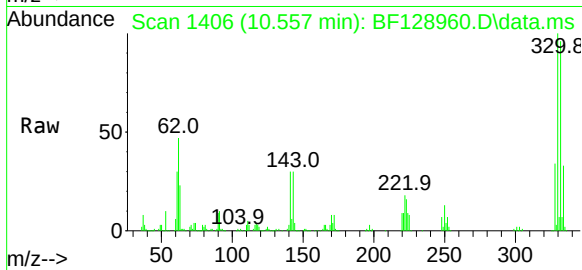
Tgt Ion:330 Resp: 199676

Ion Ratio Lower Upper

330 100

332 97.6 76.8 115.2

141 36.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 62.287 ng

RT: 9.086 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF128960.D

Acq: 23 Jun 2022 19:10

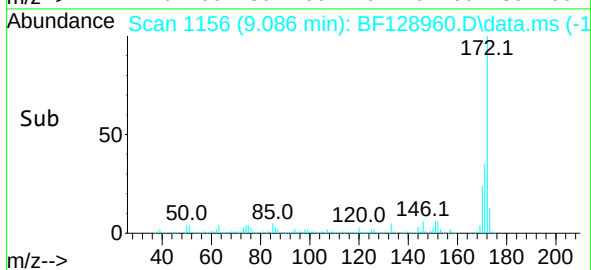
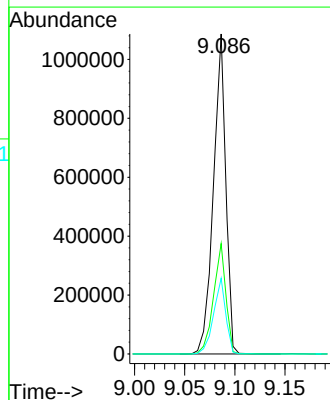
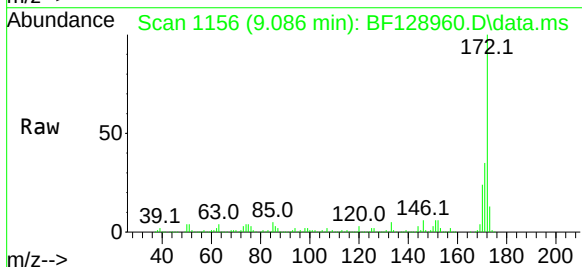
Tgt Ion:172 Resp: 931495

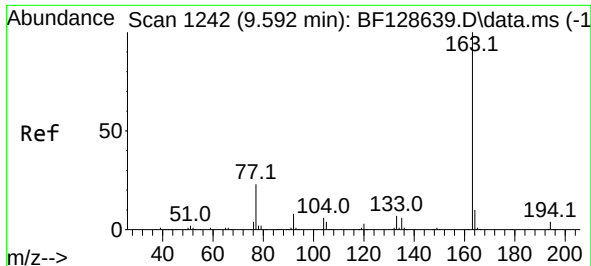
Ion Ratio Lower Upper

172 100

171 34.5 28.8 43.2

170 23.6 19.8 29.8

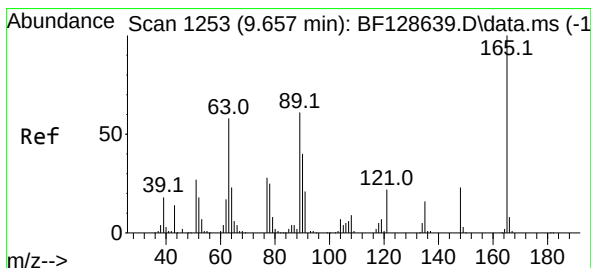
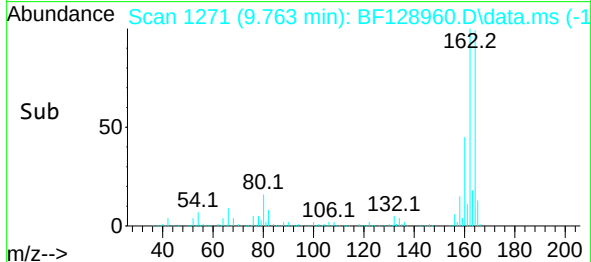
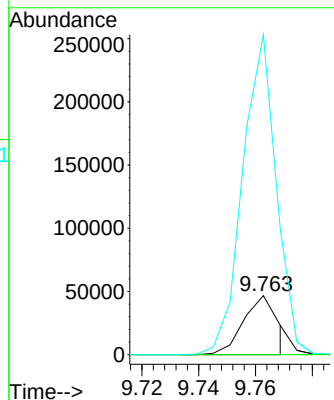
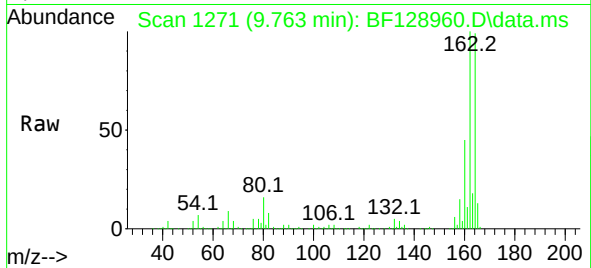




#50
Dimethylphthalate
Concen: 2.717 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF128960.D
Acq: 23 Jun 2022 19:10

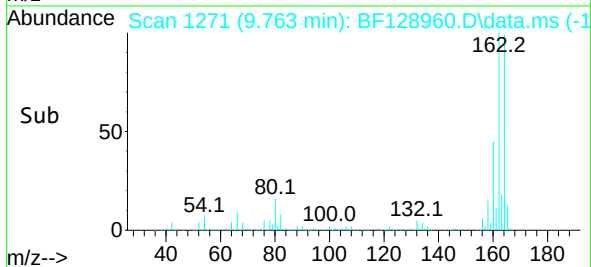
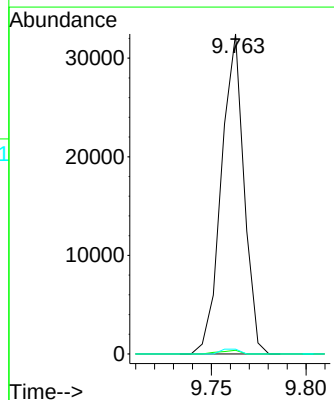
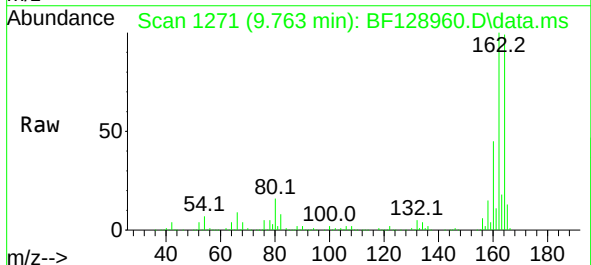
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WC-F1(0-4)

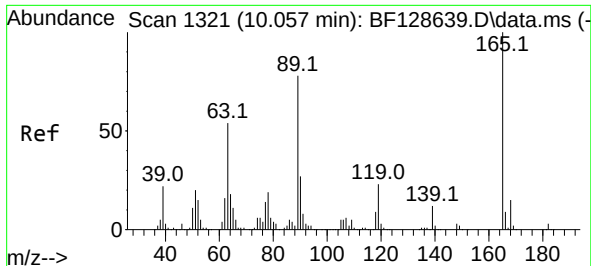
Tgt Ion:163 Resp: 38960
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 542.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.521 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.200 min
Lab File: BF128960.D
Acq: 23 Jun 2022 19:10

Tgt Ion:165 Resp: 26945
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.5 43.6 65.4#

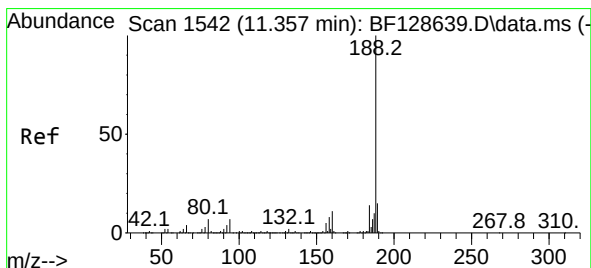
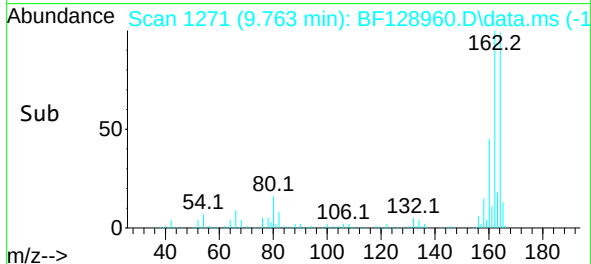
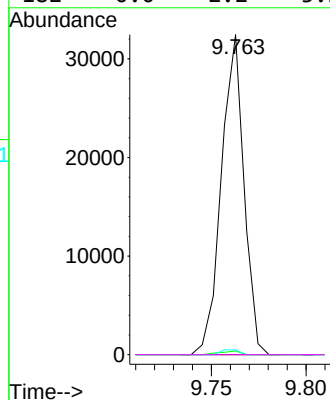
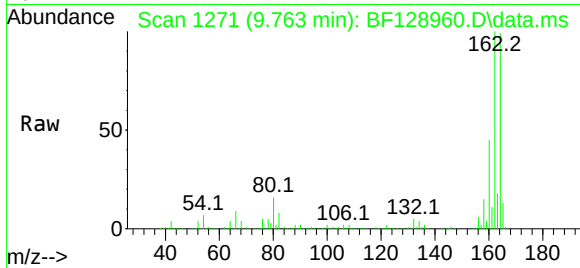




#57
2,4-Dinitrotoluene
Concen: 7.134 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128960.D
Acq: 23 Jun 2022 19:10

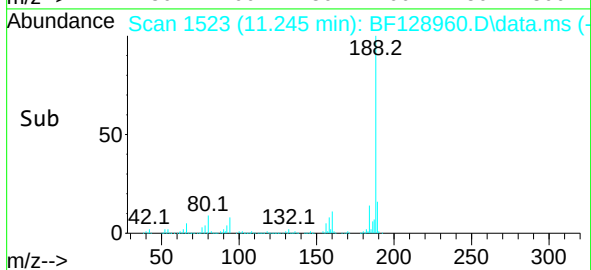
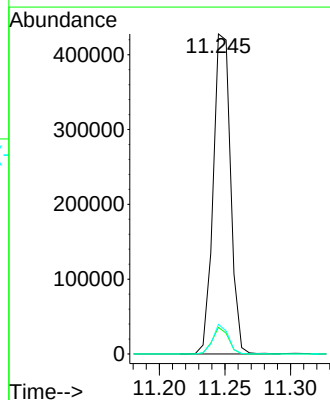
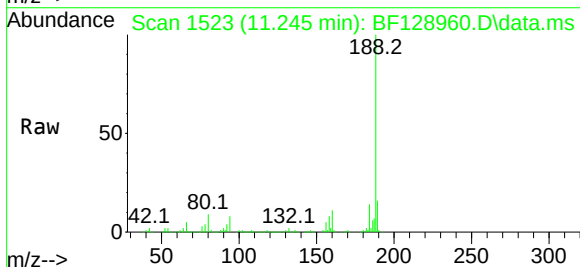
Instrument :
BNA_F
ClientSampleId :
WC-F1(0-4)

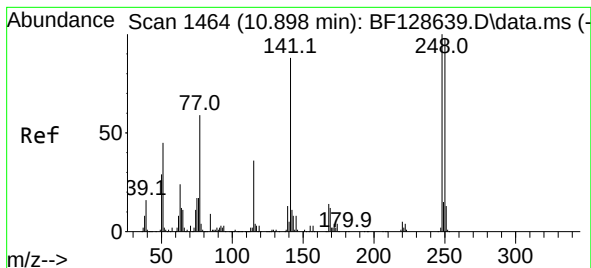
Tgt Ion:165 Resp: 26945
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1523
Delta R.T. -0.006 min
Lab File: BF128960.D
Acq: 23 Jun 2022 19:10

Tgt Ion:188 Resp: 393035
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 9.2 7.6 11.4

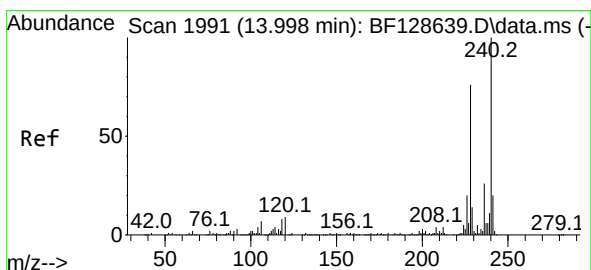
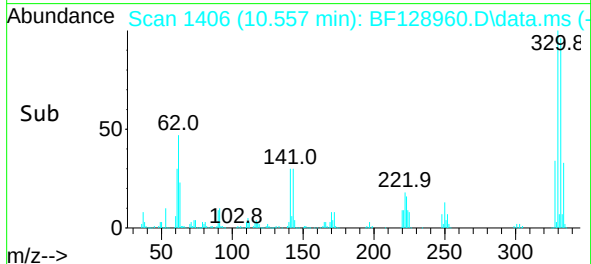
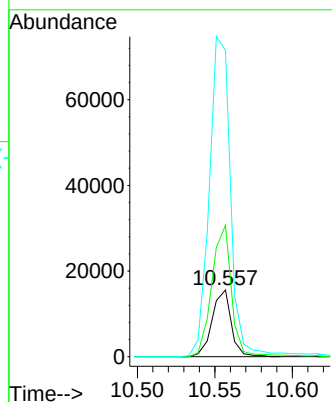
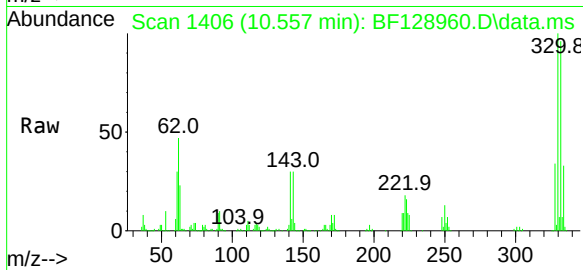




#67
4-Bromophenyl-phenylether
Concen: 3.047 ng
RT: 10.557 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF128960.D
Acq: 23 Jun 2022 19:10

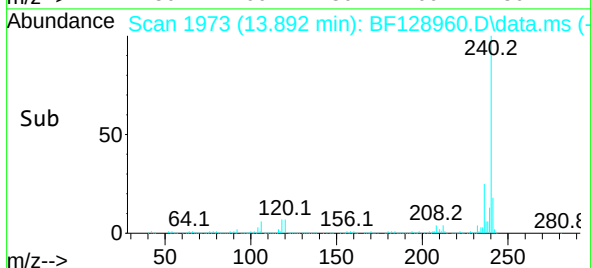
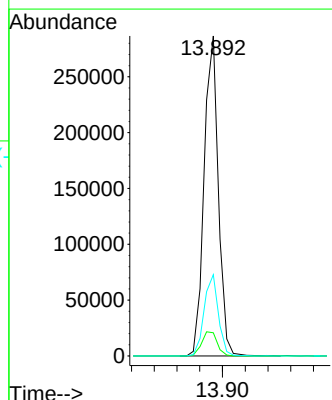
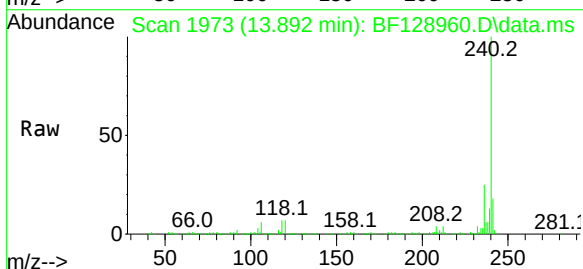
Instrument :
BNA_F
ClientSampleId :
WC-F1(0-4)

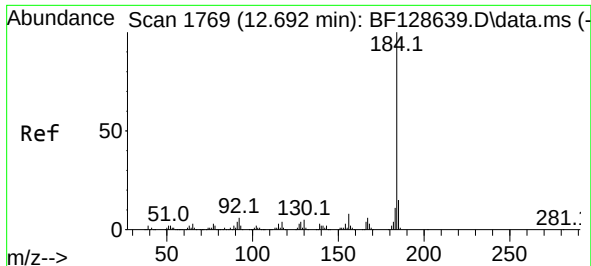
Tgt Ion:248 Resp: 13355
Ion Ratio Lower Upper
248 100
250 196.9 80.6 120.8#
141 459.1 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BF128960.D
Acq: 23 Jun 2022 19:10

Tgt Ion:240 Resp: 249178
Ion Ratio Lower Upper
240 100
120 7.2 8.9 13.3#
236 25.4 20.8 31.2

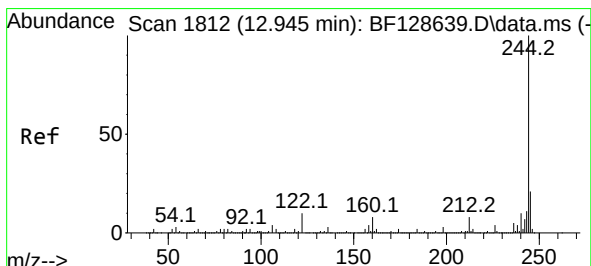
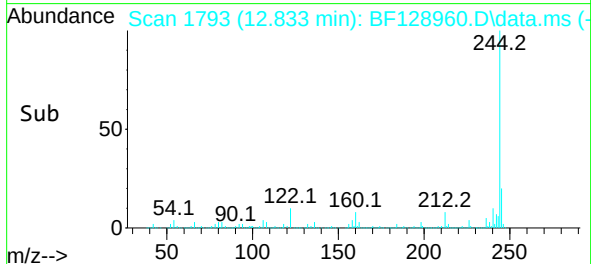
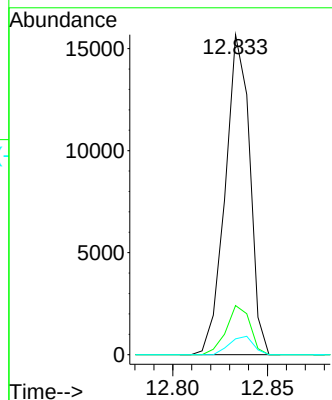
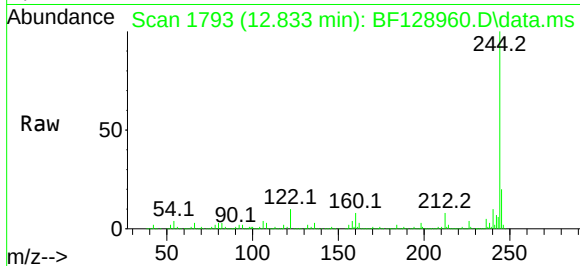




#77
Benzidine
Concen: 2.841 ng
RT: 12.833 min Scan# 1793
Delta R.T. 0.241 min
Lab File: BF128960.D
Acq: 23 Jun 2022 19:10

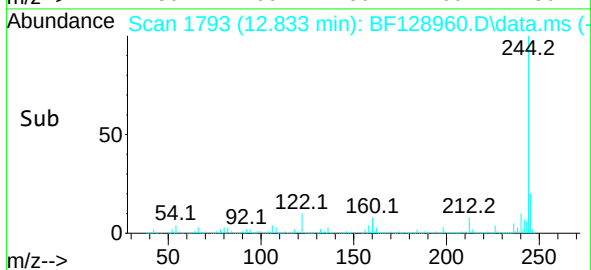
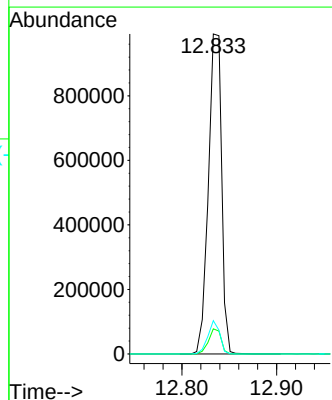
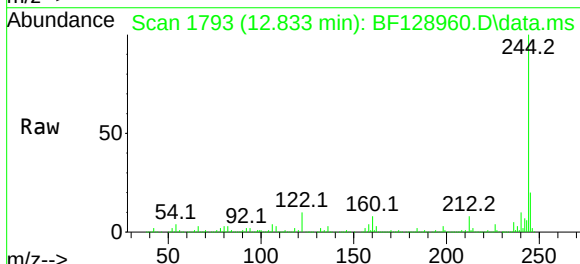
Instrument :
BNA_F
ClientSampleId :
WC-F1(0-4)

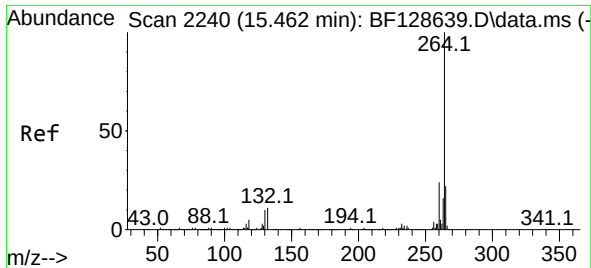
Tgt Ion:184 Resp: 14110
Ion Ratio Lower Upper
184 100
185 15.3 11.9 17.9
183 5.0 9.3 13.9#



#79
Terphenyl-d14
Concen: 67.144 ng
RT: 12.833 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF128960.D
Acq: 23 Jun 2022 19:10

Tgt Ion:244 Resp: 962854
Ion Ratio Lower Upper
244 100
212 7.9 6.1 9.1
122 10.4 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.327 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF128960.D
Acq: 23 Jun 2022 19:10

Instrument :
BNA_F
ClientSampleId :
WC-F1(0-4)

Tgt Ion:264 Resp: 176222
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 20.5 17.2 25.8

