

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128380.D
 Acq On : 20 May 2022 23:05
 Operator : CG\JU
 Sample : N2943-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Quant Time: May 23 02:40:18 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)

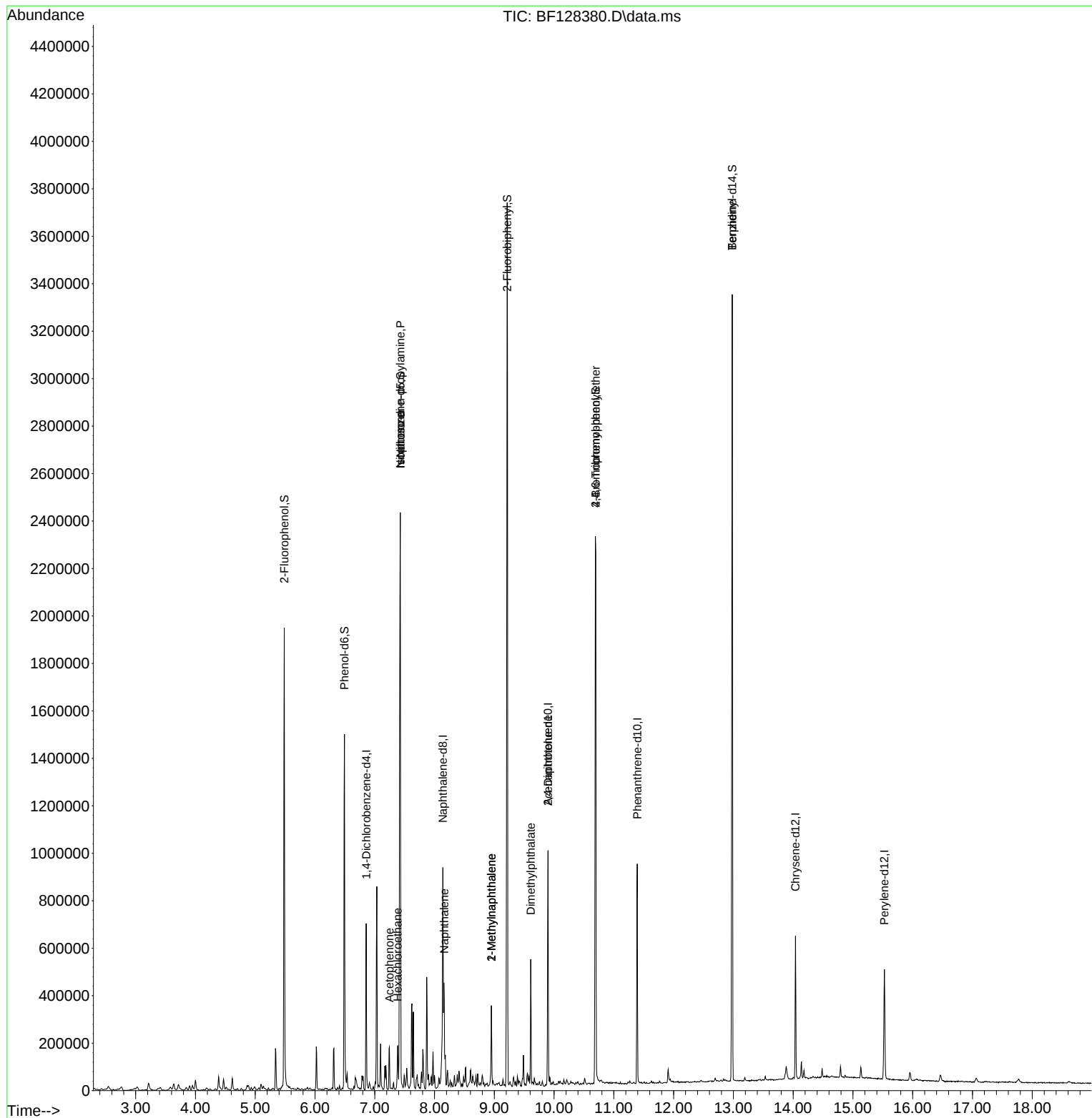
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	92302	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	344095	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	195257	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	331051	20.000	ng	0.00
76) Chrysene-d12	14.039	240	191908	20.000	ng	-0.01
86) Perylene-d12	15.527	264	193562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	502775	86.683	ng	0.00
7) Phenol-d6	6.492	99	485157	63.522	ng	0.00
23) Nitrobenzene-d5	7.428	82	783377	102.004	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	307080	152.497	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1258191	105.377	ng	0.00
79) Terphenyl-d14	12.980	244	1144270	115.103	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	795	Below Cal	#	1
18) Hexachloroethane	7.381	117	35038	13.997	ng	# 11
19) n-Nitroso-di-n-propyla...	7.428	70	104919	22.969	ng	# 81
22) Acetophenone	7.245	105	73227	8.742	ng	# 57
25) Isophorone	7.428	82	783369	66.562	ng	# 68
31) Naphthalene	8.163	128	148849	8.877	ng	99
37) 2-Methylnaphthalene	8.951	142	74068	6.737	ng	95
38) 1-Methylnaphthalene	8.951	142	74068	7.003	ng	98
50) Dimethylphthalate	9.610	163	177955	14.307	ng	99
57) 2,4-Dinitrotoluene	9.898	165	24954	7.281	ng	# 27
67) 4-Bromophenyl-phenylether	10.698	248	18546	5.353	ng	# 1
77) Benzidine	12.980	184	17059	4.274	ng	# 90

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

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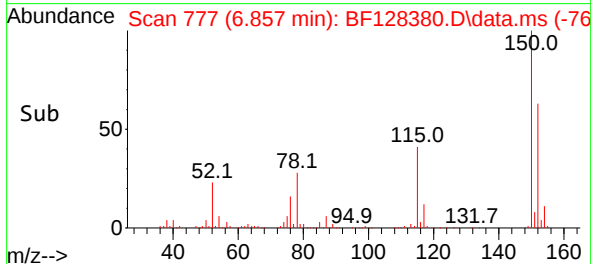
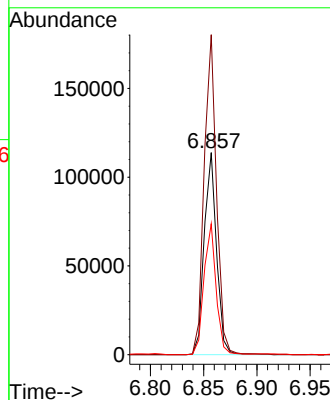
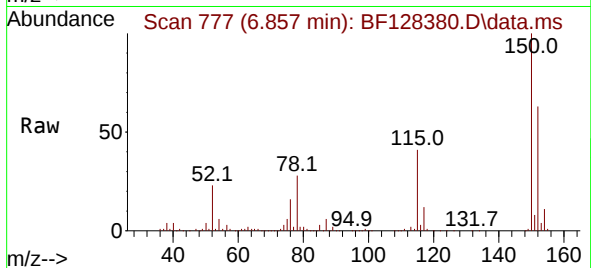




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128380.D
 Acq: 20 May 2022 23:05

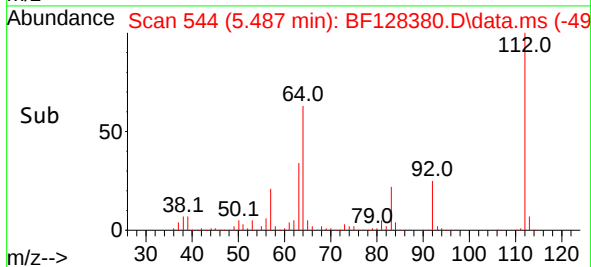
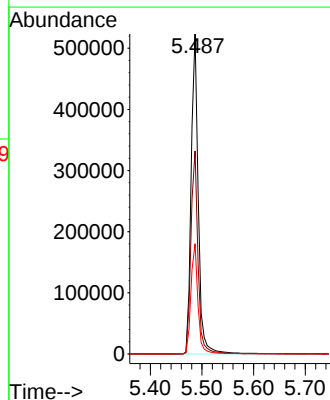
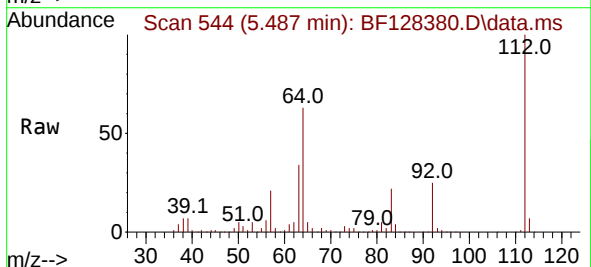
Instrument :
 BNA_F
 ClientSampleId :
 MW-22

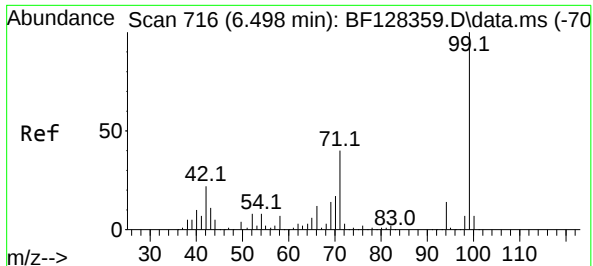
Tgt Ion:152 Resp: 92302
 Ion Ratio Lower Upper
 152 100
 150 158.4 125.3 187.9
 115 64.8 48.8 73.2



#5
 2-Fluorophenol
 Concen: 86.683 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF128380.D
 Acq: 20 May 2022 23:05

Tgt Ion:112 Resp: 502775
 Ion Ratio Lower Upper
 112 100
 64 63.4 49.5 74.3
 63 34.4 26.3 39.5

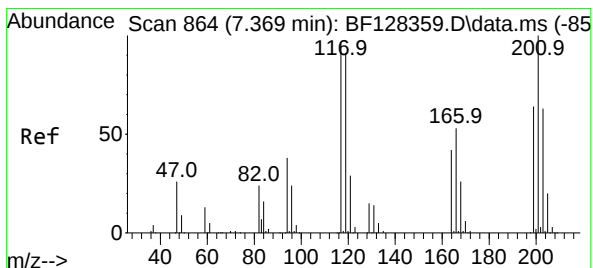
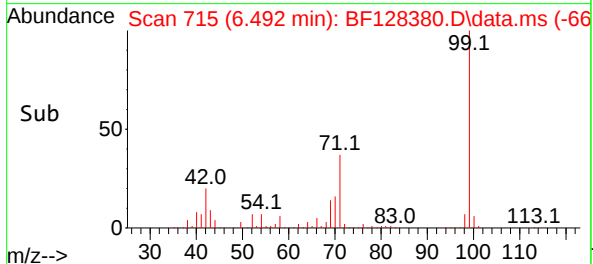
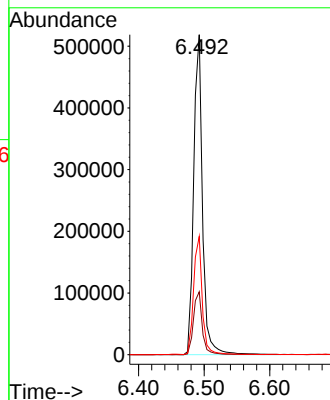
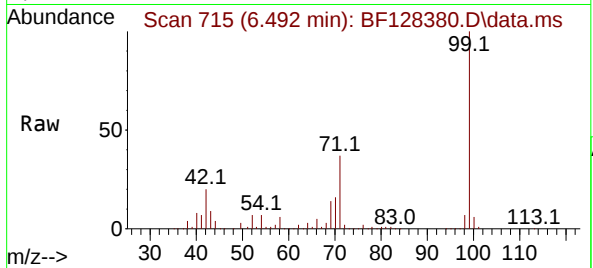




#7
Phenol-d6
Concen: 63.522 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

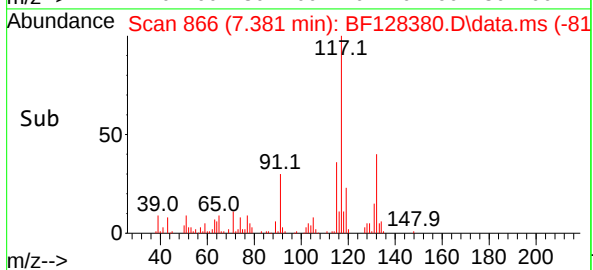
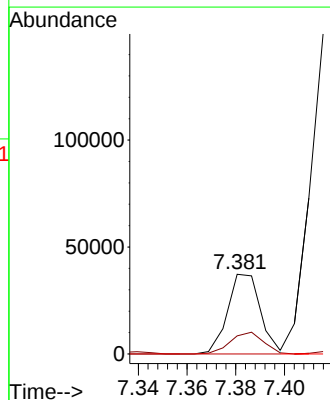
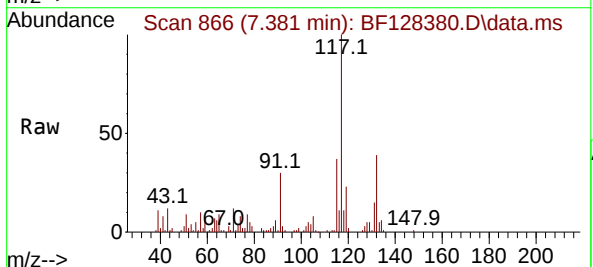
Instrument :
BNA_F
ClientSampleId :
MW-22

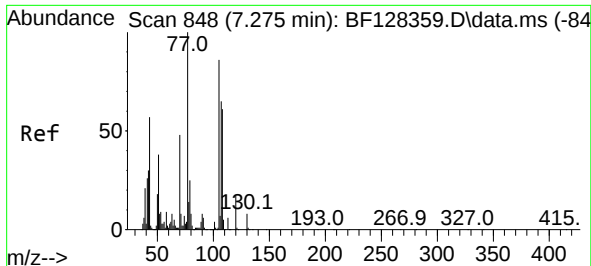
Tgt Ion: 99 Resp: 485157
Ion Ratio Lower Upper
99 100
42 19.7 16.6 24.8
71 37.0 30.0 45.0



#18
Hexachloroethane
Concen: 13.997 ng
RT: 7.381 min Scan# 866
Delta R.T. 0.012 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

Tgt Ion: 117 Resp: 35038
Ion Ratio Lower Upper
117 100
119 22.8 76.2 114.4#
201 0.0 84.4 126.6#

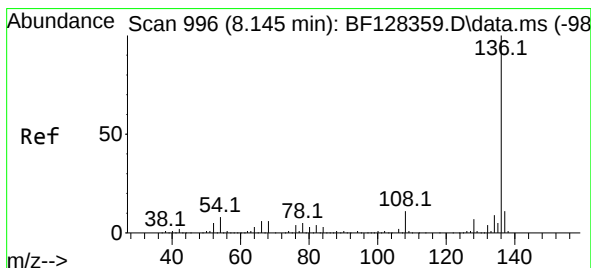
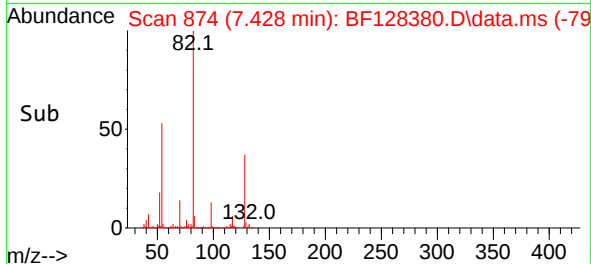
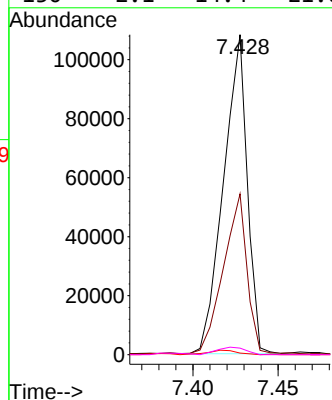
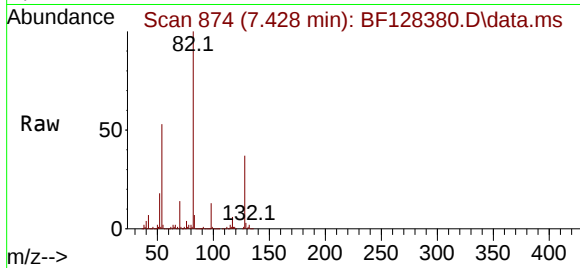




#19
n-Nitroso-di-n-propylamine
Concen: 22.969 ng
RT: 7.428 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

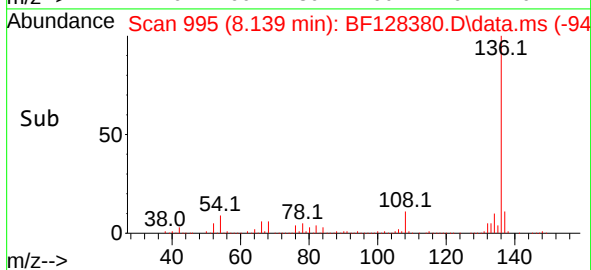
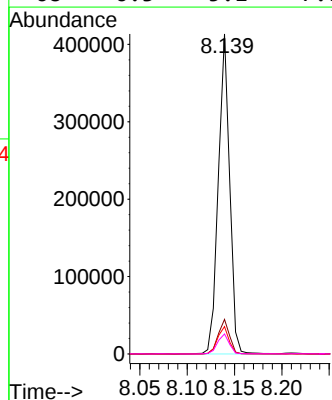
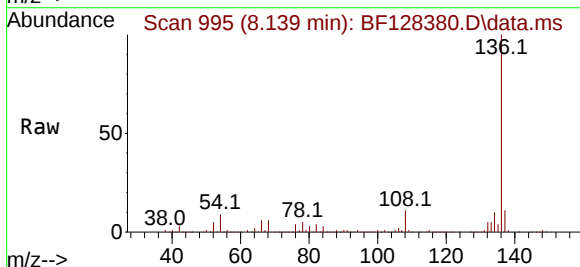
Instrument :
BNA_F
ClientSampleId :
MW-22

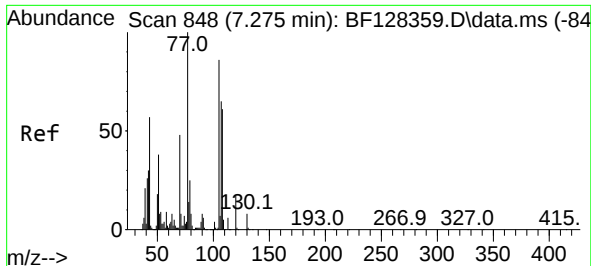
Tgt Ion: 70 Resp: 104919
Ion Ratio Lower Upper
70 100
42 50.2 48.7 73.1
101 0.5 7.2 10.8#
130 2.1 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

Tgt Ion: 136 Resp: 344095
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.5 6.8 10.2
68 6.3 5.1 7.7

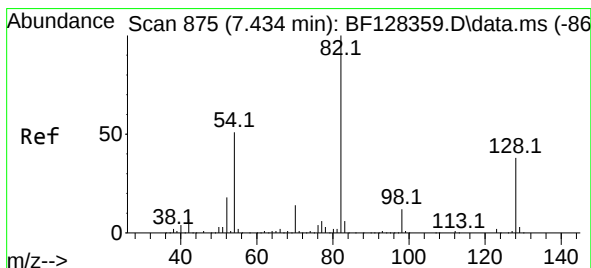
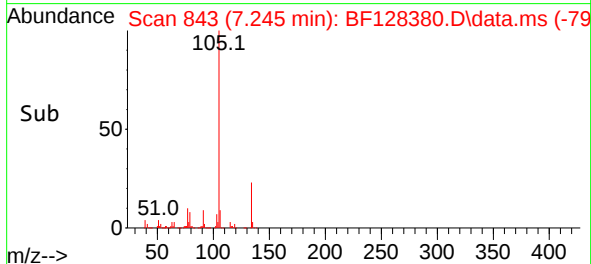
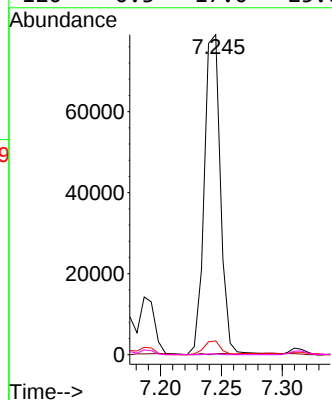
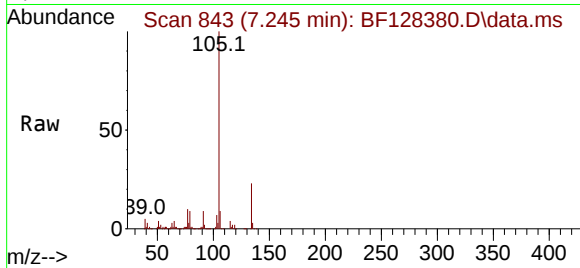




#22
Acetophenone
Concen: 8.742 ng
RT: 7.245 min Scan# 84
Delta R.T. -0.029 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

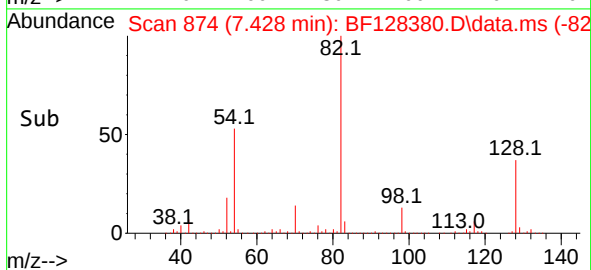
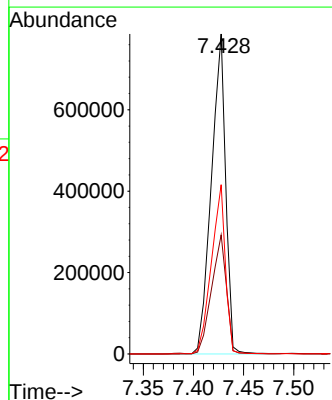
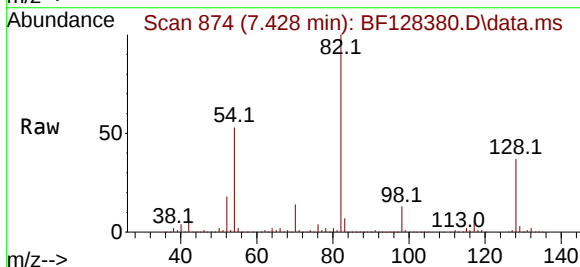
Instrument :
BNA_F
ClientSampleId :
MW-22

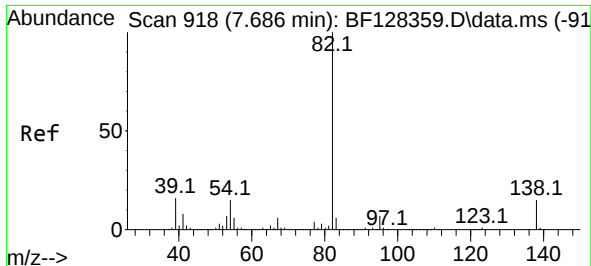
Tgt Ion:105 Resp: 73227
Ion Ratio Lower Upper
105 100
71 0.3 7.3 10.9#
51 4.3 23.7 35.5#
120 0.3 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 102.004 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

Tgt Ion: 82 Resp: 783377
Ion Ratio Lower Upper
82 100
128 37.2 30.0 45.0
54 52.9 41.3 61.9

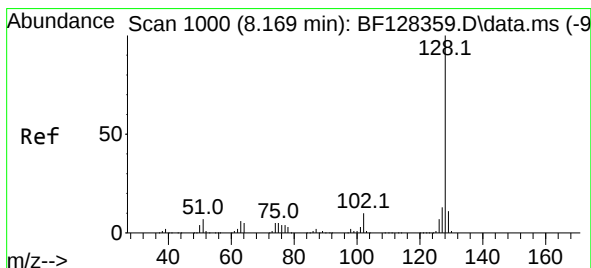
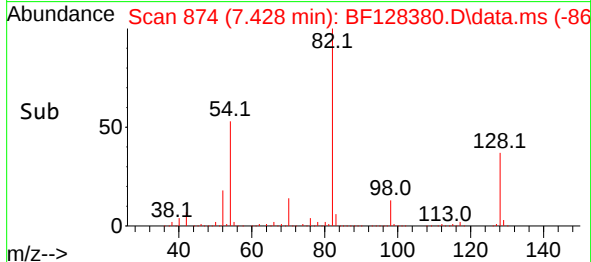
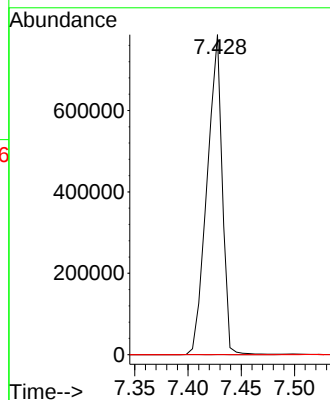
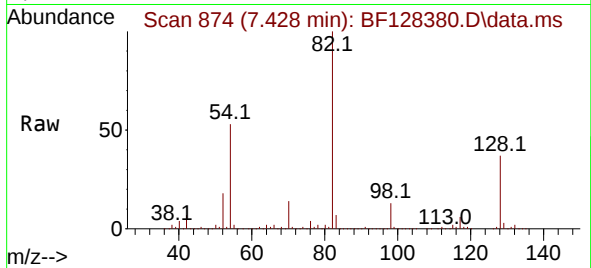




#25
Isophorone
Concen: 66.562 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

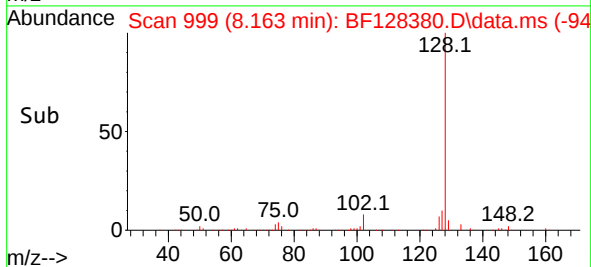
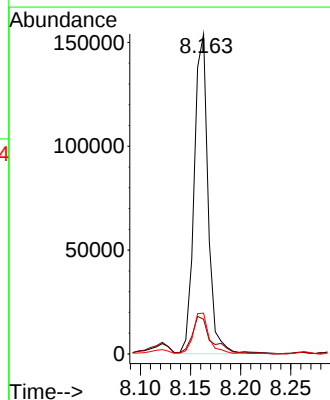
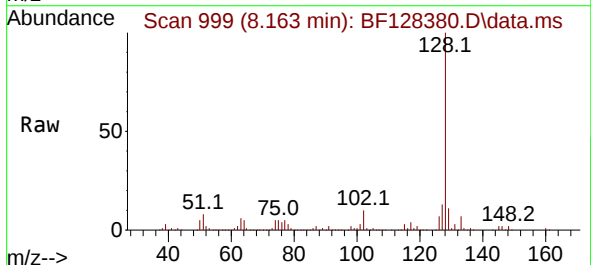
Instrument :
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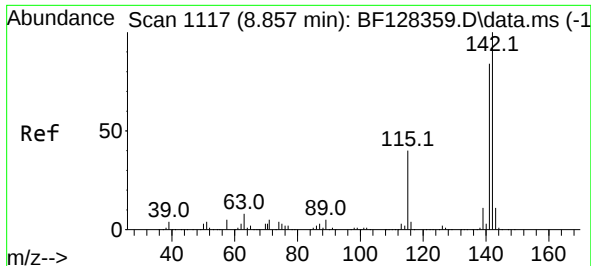
Tgt Ion: 82 Resp: 783369
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#31
Naphthalene
Concen: 8.877 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

Tgt Ion: 128 Resp: 148849
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.7 10.6 16.0





#37

2-Methylnaphthalene

Concen: 6.737 ng

RT: 8.951 min Scan# 1113

Delta R.T. 0.094 min

Lab File: BF128380.D

Acq: 20 May 2022 23:05

Instrument :

BNA_F

ClientSampleId :

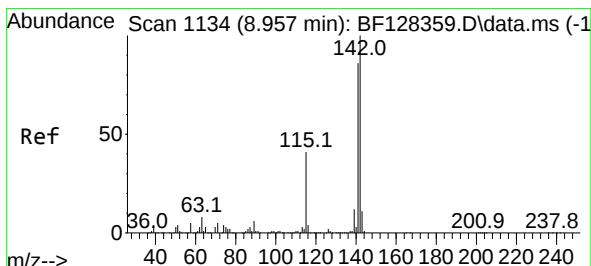
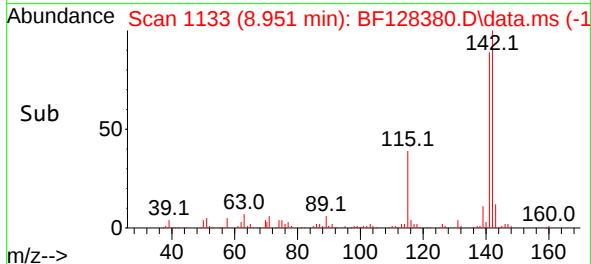
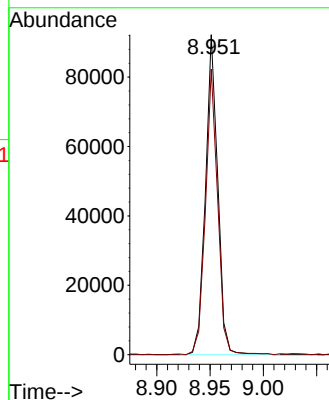
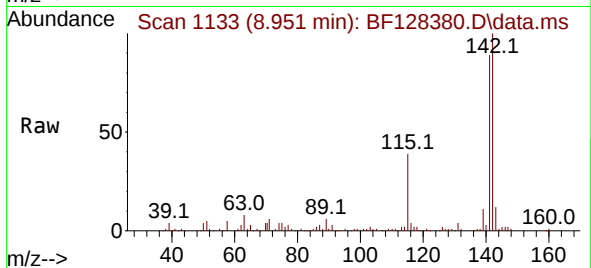
MW-22

Tgt Ion:142 Resp: 74068

Ion Ratio Lower Upper

142 100

141 89.2 67.4 101.2



#38

1-Methylnaphthalene

Concen: 7.003 ng

RT: 8.951 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF128380.D

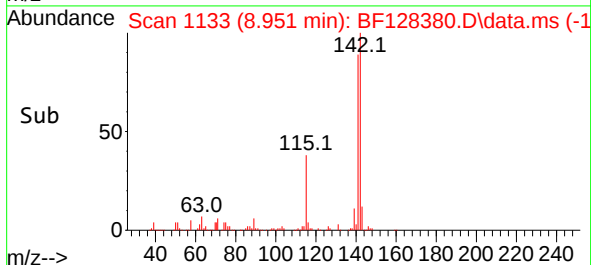
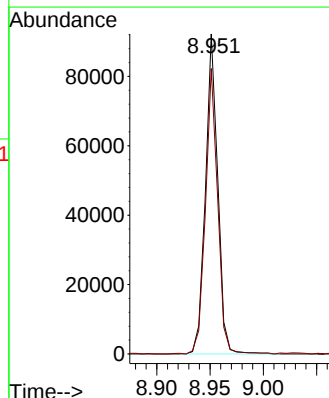
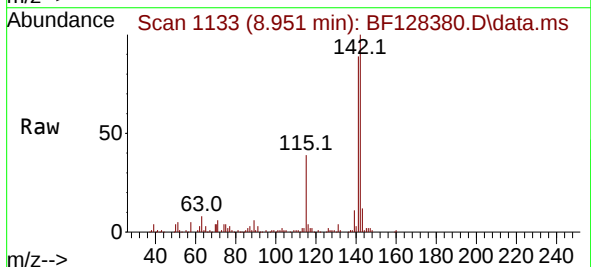
Acq: 20 May 2022 23:05

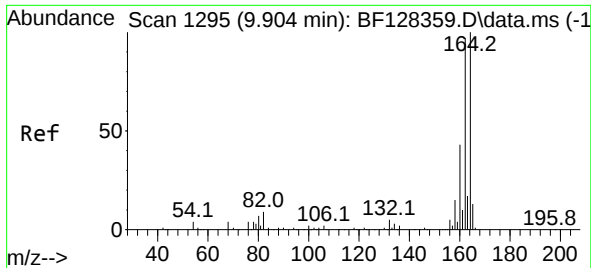
Tgt Ion:142 Resp: 74068

Ion Ratio Lower Upper

142 100

141 89.2 70.1 105.1

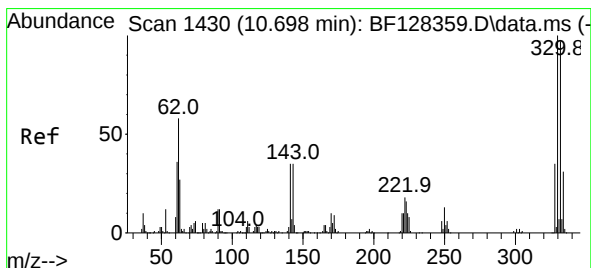
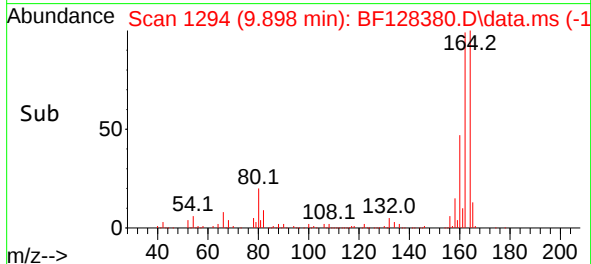
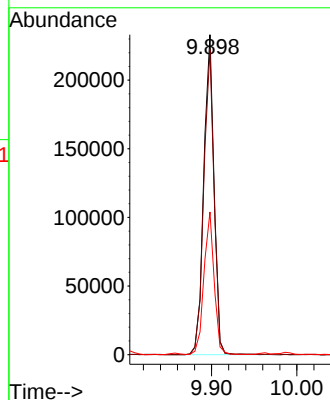
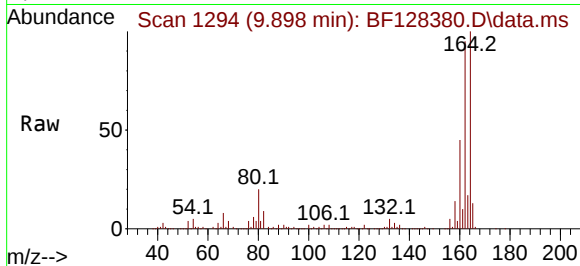




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

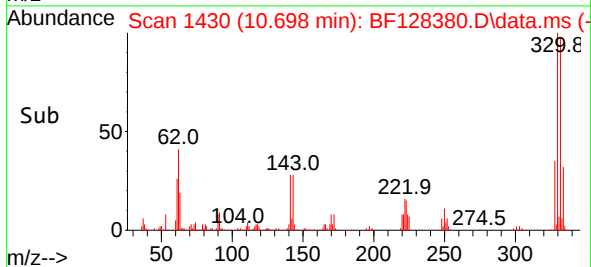
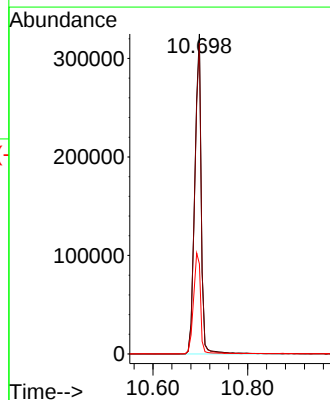
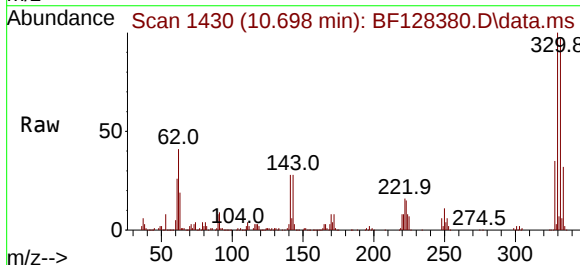
Instrument :
BNA_F
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MW-22

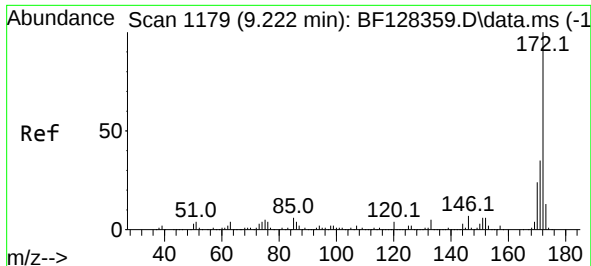
Tgt Ion:164 Resp: 195257
Ion Ratio Lower Upper
164 100
162 95.5 76.0 114.0
160 44.6 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 152.497 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

Tgt Ion:330 Resp: 307080
Ion Ratio Lower Upper
330 100
332 97.6 79.0 118.4
141 33.9 28.9 43.3

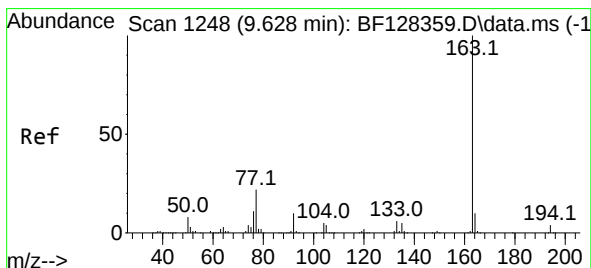
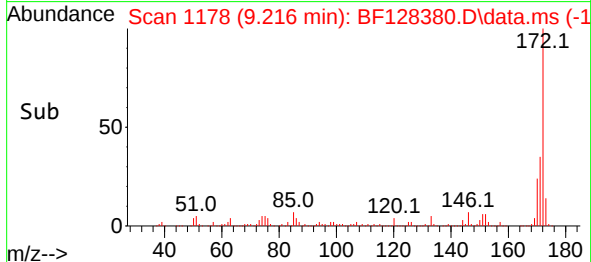
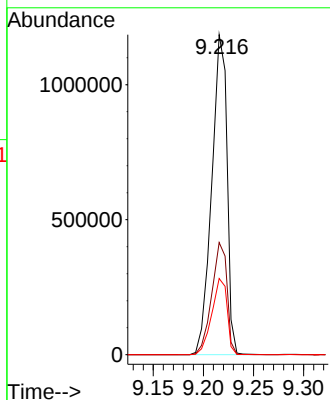
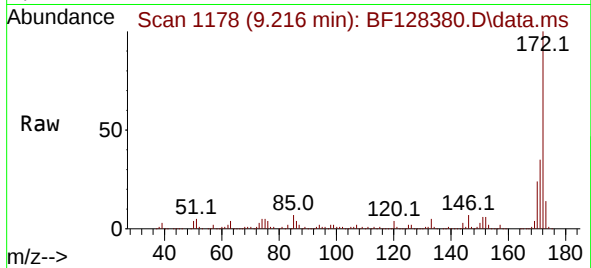




#45
2-Fluorobiphenyl
Concen: 105.377 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

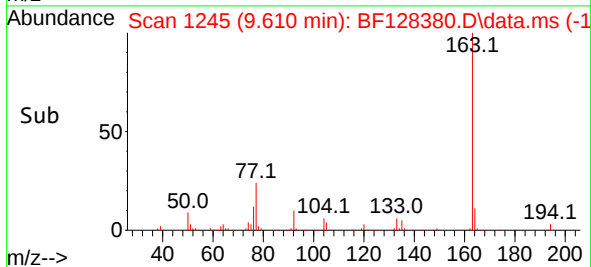
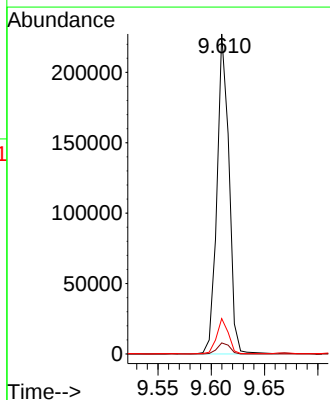
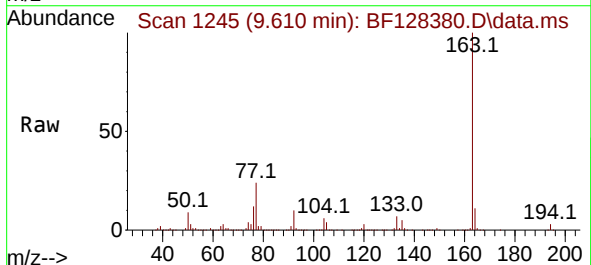
Instrument :
BNA_F
ClientSampleId :
MW-22

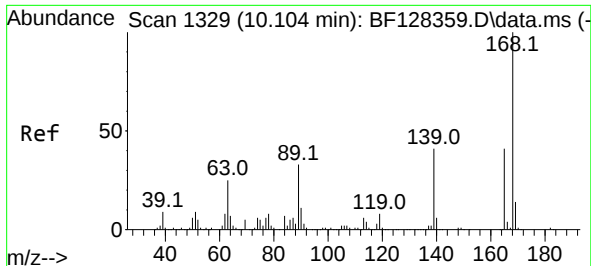
Tgt Ion:172 Resp: 1258191
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.8 19.1 28.7



#50
Dimethylphthalate
Concen: 14.307 ng
RT: 9.610 min Scan# 1245
Delta R.T. -0.018 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

Tgt Ion:163 Resp: 177955
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 11.0 8.6 13.0

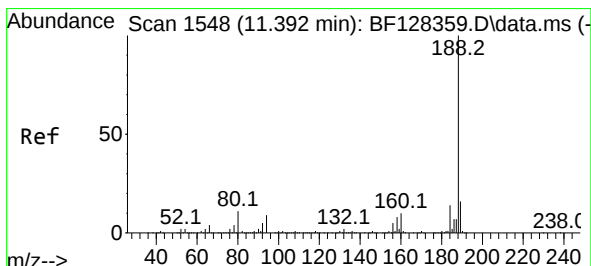
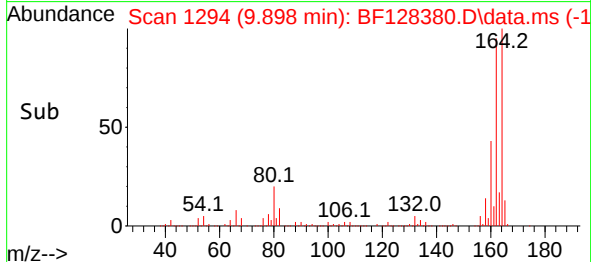
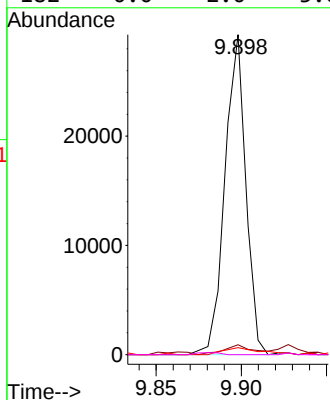
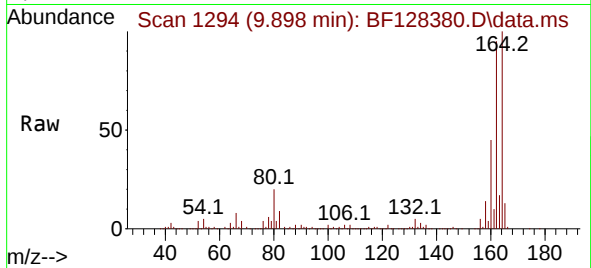




#57
2,4-Dinitrotoluene
Concen: 7.281 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.206 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

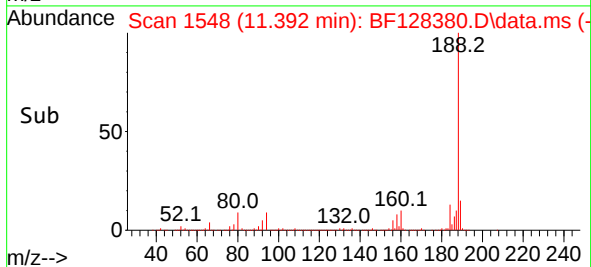
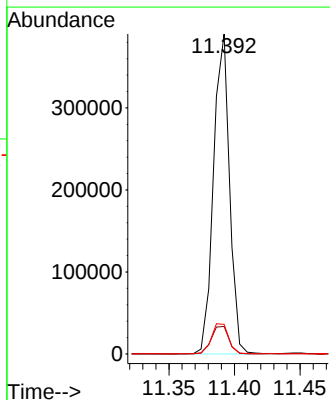
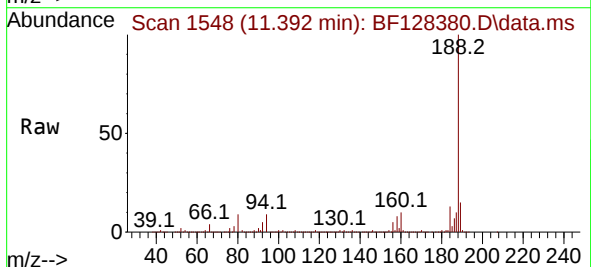
Instrument :
BNA_F
ClientSampleId :
MW-22

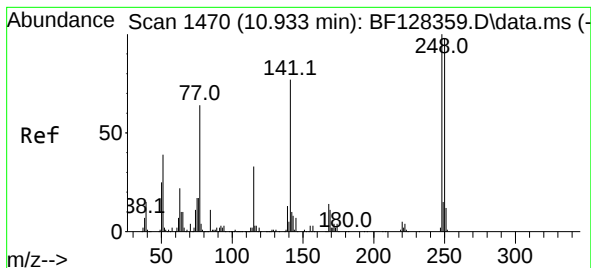
Tgt Ion:165 Resp: 24954
Ion Ratio Lower Upper
165 100
63 3.1 32.6 49.0#
89 2.2 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

Tgt Ion:188 Resp: 331051
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.2 8.9 13.3

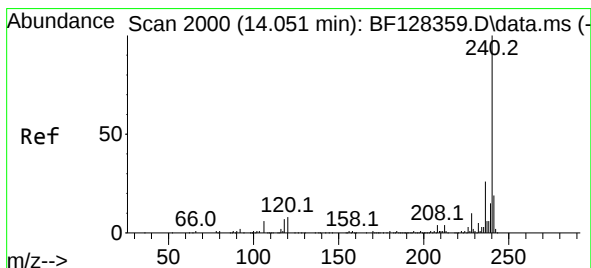
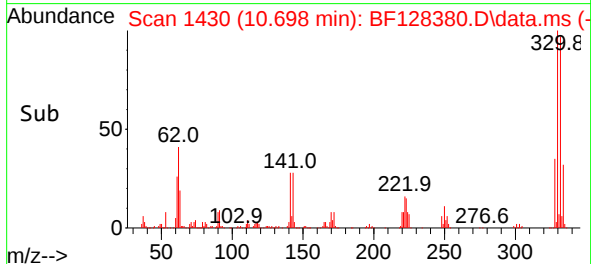
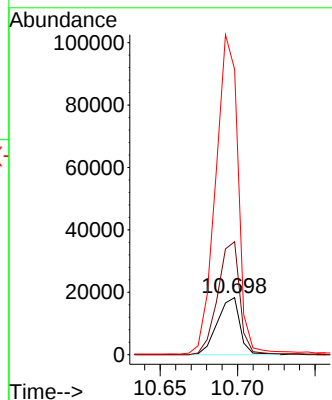
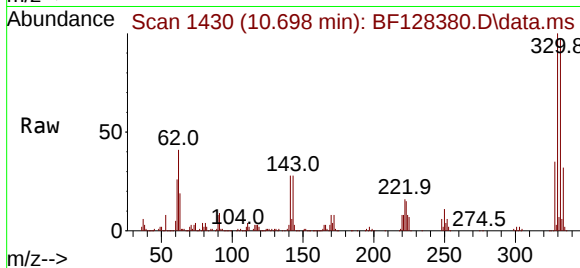




#67
4-Bromophenyl-phenylether
Concen: 5.353 ng
RT: 10.698 min Scan# 1470
Delta R.T. -0.235 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

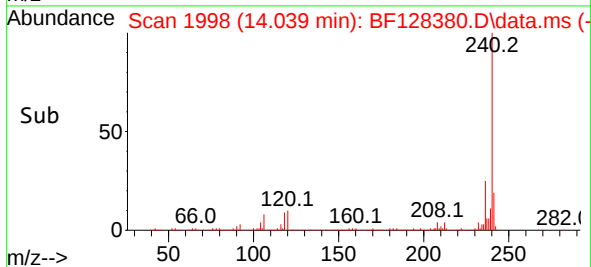
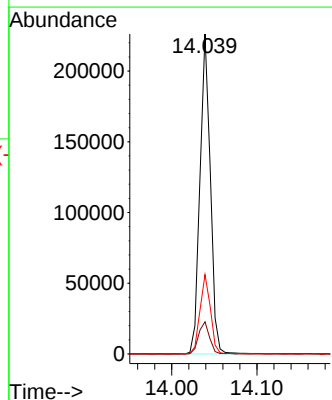
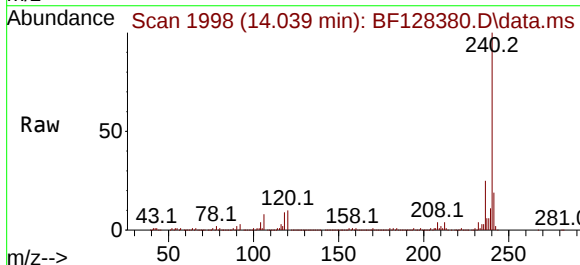
Instrument :
BNA_F
ClientSampleId :
MW-22

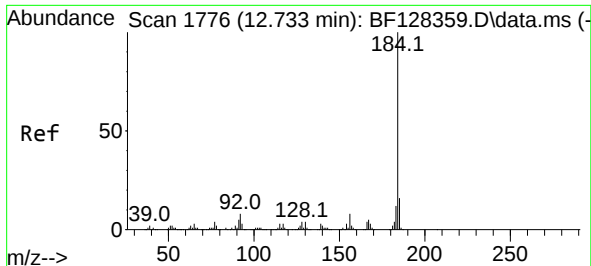
Tgt Ion:248 Resp: 18546
Ion Ratio Lower Upper
248 100
250 197.7 77.7 116.5#
141 499.4 65.6 98.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

Tgt Ion:240 Resp: 191908
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.6
236 24.8 20.3 30.5

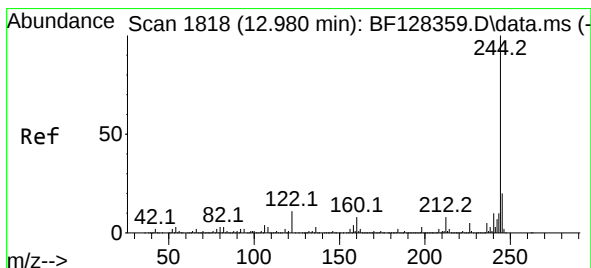
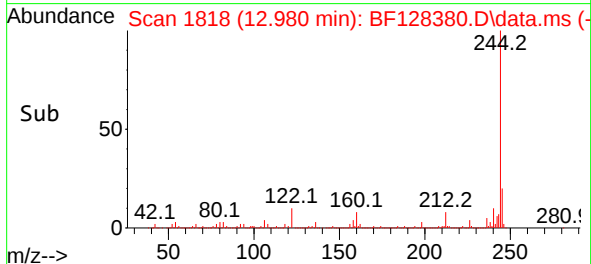
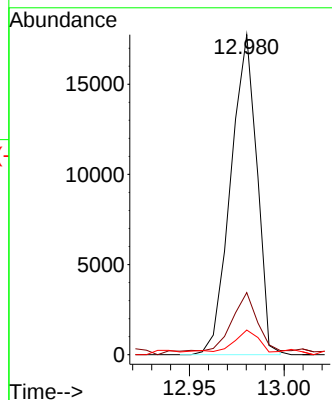
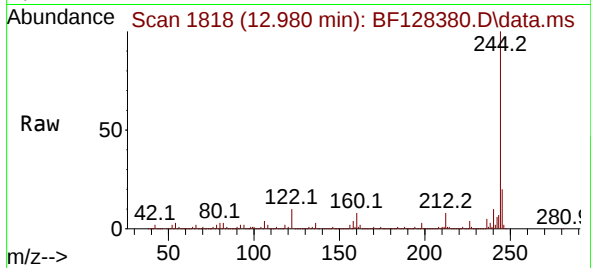




#77
Benzidine
Concen: 4.274 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.247 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

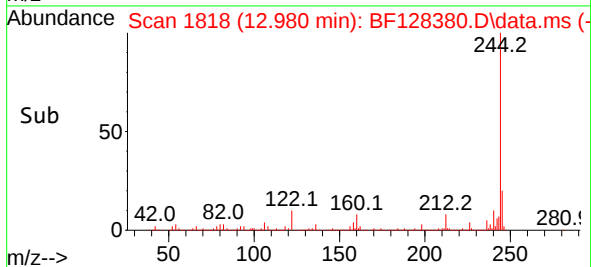
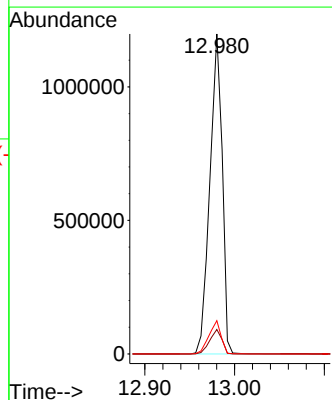
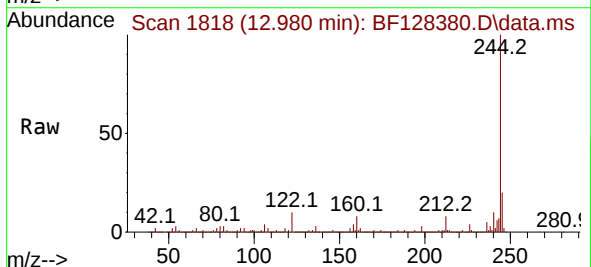
Instrument :
BNA_F
ClientSampleId :
MW-22

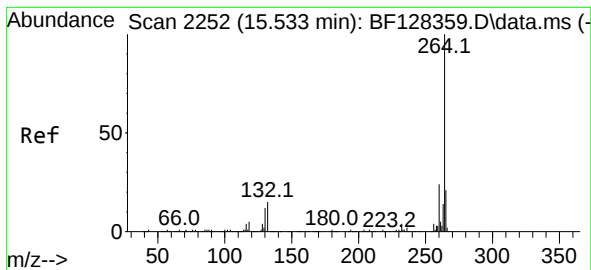
Tgt Ion:184 Resp: 17059
Ion Ratio Lower Upper
184 100
185 19.4 12.1 18.1#
183 7.7 9.0 13.4#



#79
Terphenyl-d14
Concen: 115.103 ng
RT: 12.980 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF128380.D
Acq: 20 May 2022 23:05

Tgt Ion:244 Resp: 1144270
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.4
122 10.4 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128380.D

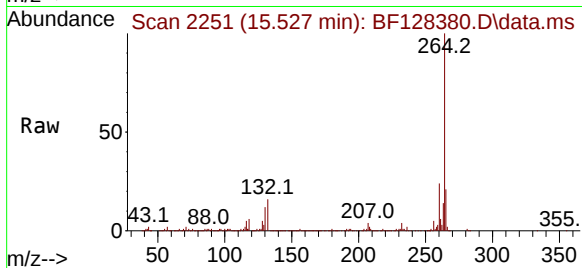
Acq: 20 May 2022 23:05

Instrument :

BNA_F

ClientSampleId :

MW-22



Tgt Ion:264 Resp: 193562

Ion Ratio Lower Upper

264 100

260 24.1 20.1 30.1

265 20.9 17.5 26.3

