

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130452.D
 Acq On : 28 Sep 2022 17:25
 Operator : CG\JU
 Sample : N4850-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-SP-2

Quant Time: Sep 29 02:16:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

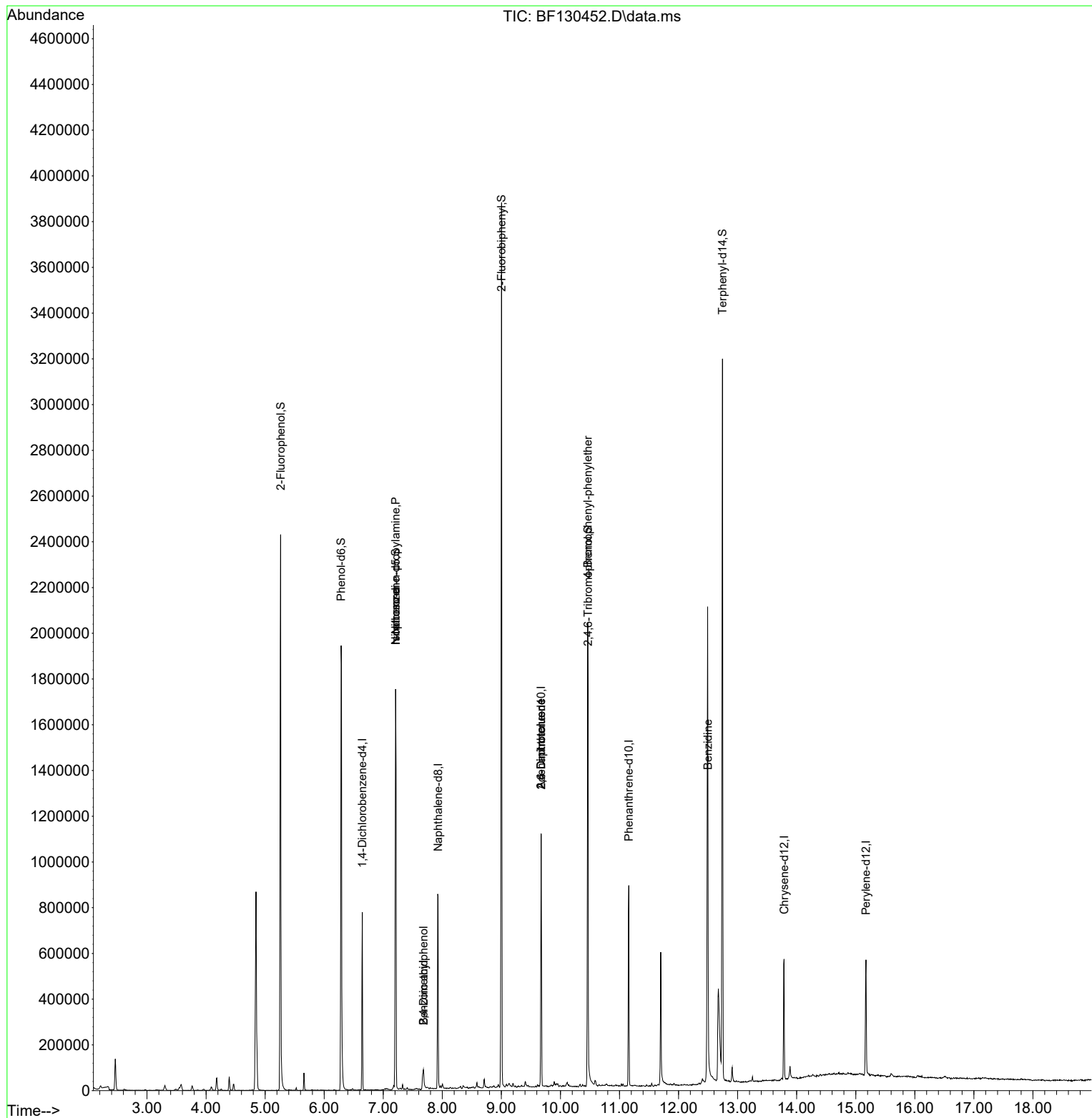
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	101213	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	396942	20.000	ng	# 0.00
39) Acenaphthene-d10	9.675	164	200862	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	311830	20.000	ng	# 0.00
76) Chrysene-d12	13.786	240	183136	20.000	ng	# 0.00
86) Perylene-d12	15.174	264	210645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	690015	118.246	ng	0.02
7) Phenol-d6	6.287	99	774964	106.139	ng	0.00
23) Nitrobenzene-d5	7.210	82	592274	76.229	ng	0.00
42) 2,4,6-Tribromophenol	10.469	330	278525	144.715	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	1137117	82.438	ng	0.00
79) Terphenyl-d14	12.745	244	1018181	92.096	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.210	70	78664	15.966	ng	# 74
25) Isophorone	7.210	82	589737	47.093	ng	# 66
27) 2,4-Dimethylphenol	7.681	122	31183	6.262	ng	# 1
32) Benzoic acid	7.681	122	31183	8.098	ng	93
51) 2,6-Dinitrotoluene	9.675	165	25986	8.955	ng	# 16
57) 2,4-Dinitrotoluene	9.675	165	25986	7.007	ng	# 16
67) 4-Bromophenyl-phenylether	10.463	248	16664	4.844	ng	# 1
77) Benzidine	12.498	184	284877	53.586	ng	# 96

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

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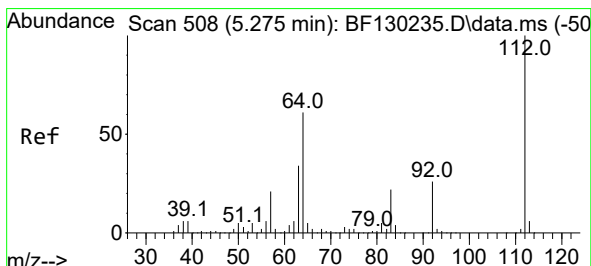
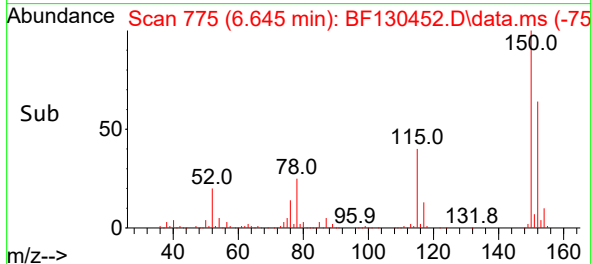
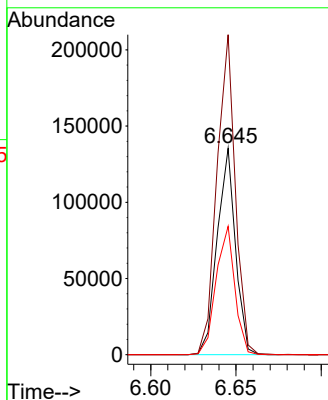
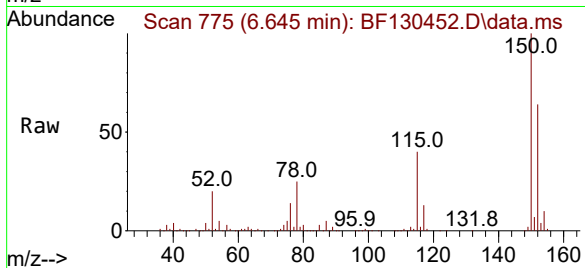




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.645 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130452.D
Acq: 28 Sep 2022 17:25

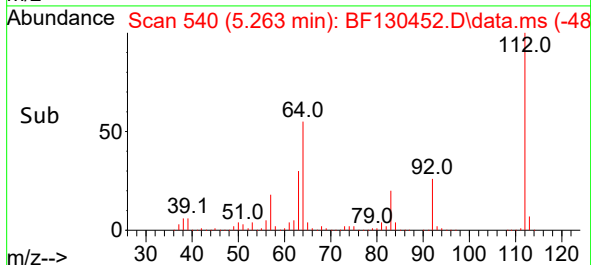
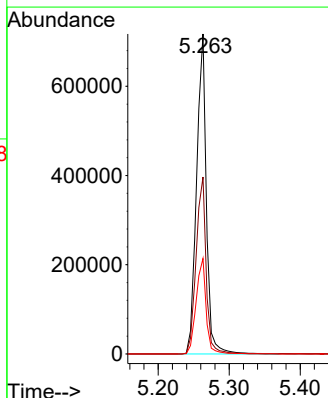
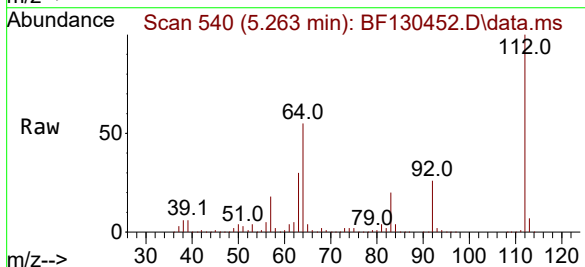
Instrument :
BNA_F
ClientSampleId :
WC-14B-SP-2

Tgt Ion:152 Resp: 101213
Ion Ratio Lower Upper
152 100
150 155.1 122.8 184.2
115 62.2 53.8 80.8



#5
2-Fluorophenol
Concen: 118.246 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.018 min
Lab File: BF130452.D
Acq: 28 Sep 2022 17:25

Tgt Ion:112 Resp: 690015
Ion Ratio Lower Upper
112 100
64 55.3 51.4 77.0
63 29.8 28.8 43.2

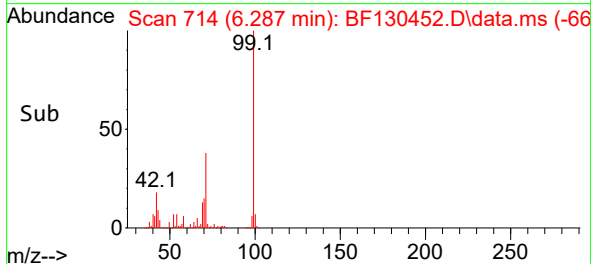
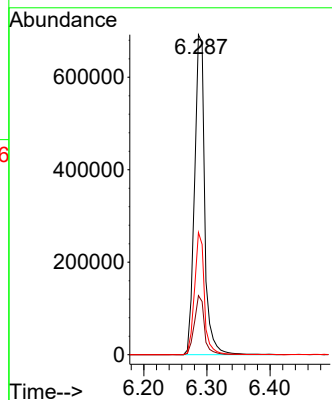
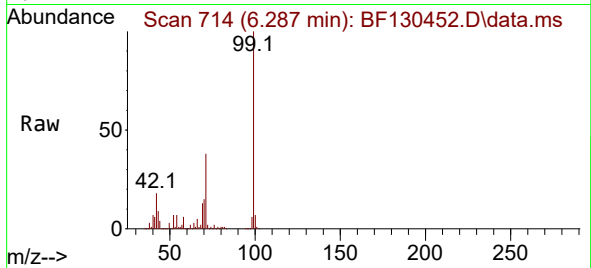




#7
Phenol-d6
Concen: 106.139 ng
RT: 6.287 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130452.D
Acq: 28 Sep 2022 17:25

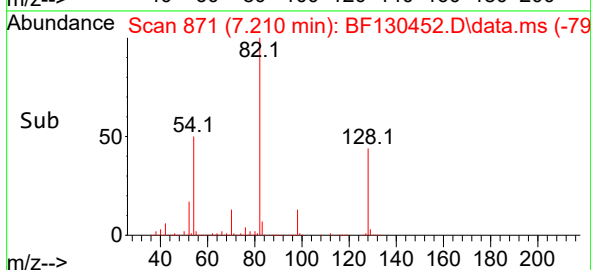
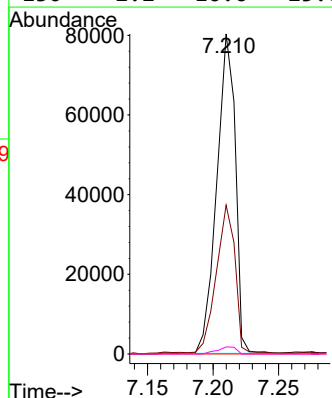
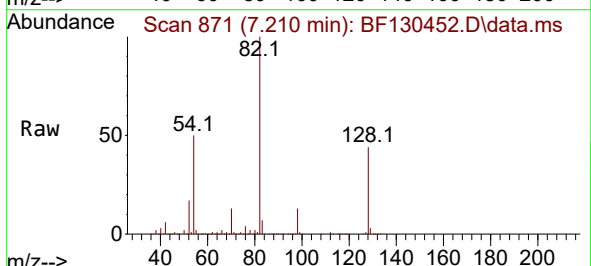
Instrument :
BNA_F
ClientSampleId :
WC-14B-SP-2

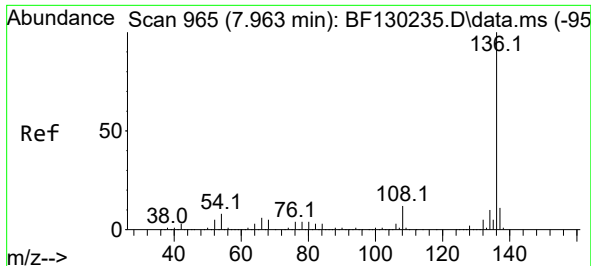
Tgt Ion: 99 Resp: 774964
Ion Ratio Lower Upper
99 100
42 18.4 17.0 25.6
71 38.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.966 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF130452.D
Acq: 28 Sep 2022 17:25

Tgt Ion: 70 Resp: 78664
Ion Ratio Lower Upper
70 100
42 46.5 50.8 76.2#
101 0.0 8.2 12.4#
130 2.2 16.6 25.0#

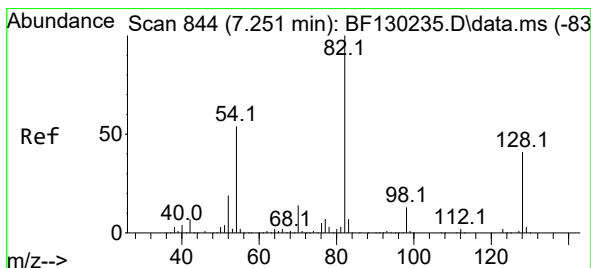
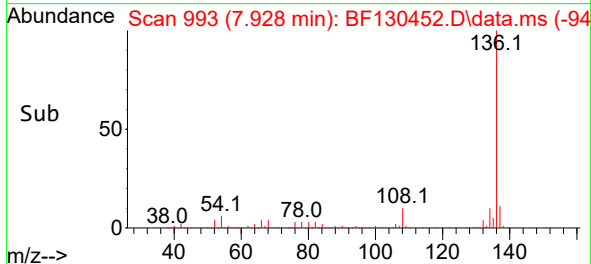
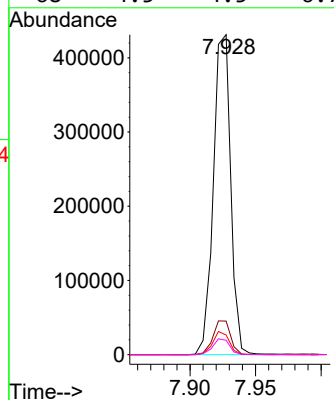
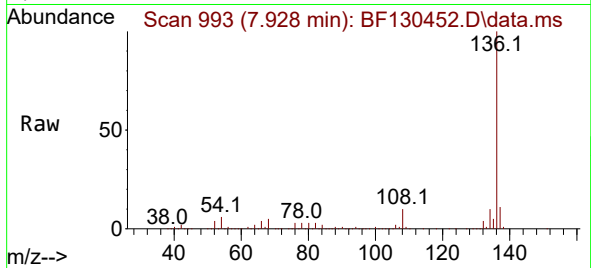




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130452.D
Acq: 28 Sep 2022 17:25

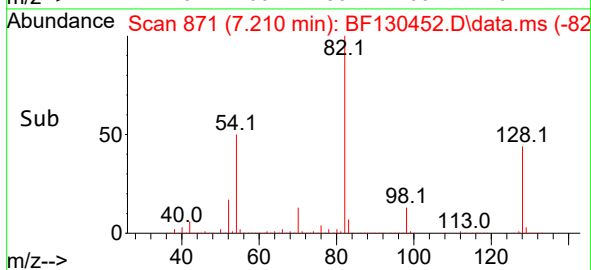
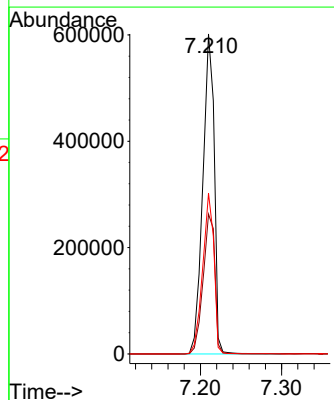
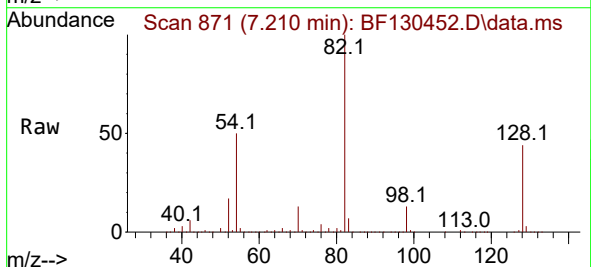
Instrument :
BNA_F
ClientSampleId :
WC-14B-SP-2

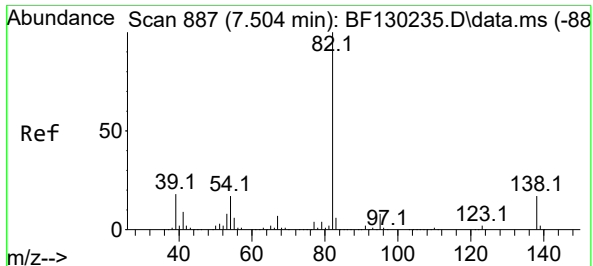
Tgt Ion:136 Resp: 396942
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 6.2 7.1 10.7#
68 4.5 4.5 6.7



#23
Nitrobenzene-d5
Concen: 76.229 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF130452.D
Acq: 28 Sep 2022 17:25

Tgt Ion: 82 Resp: 592274
Ion Ratio Lower Upper
82 100
128 43.7 32.6 49.0
54 50.2 43.8 65.6

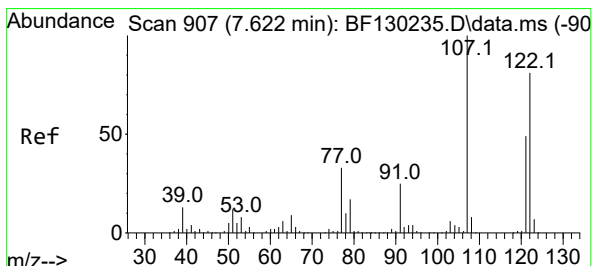
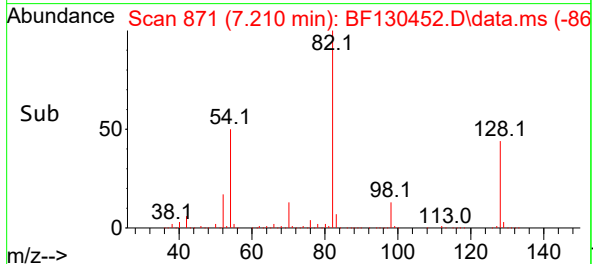
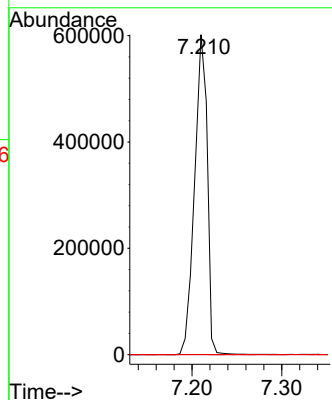
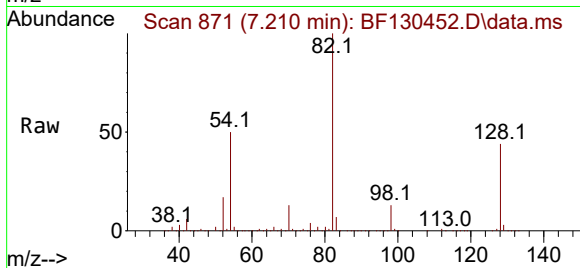




#25
Isophorone
Concen: 47.093 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130452.D
Acq: 28 Sep 2022 17:25

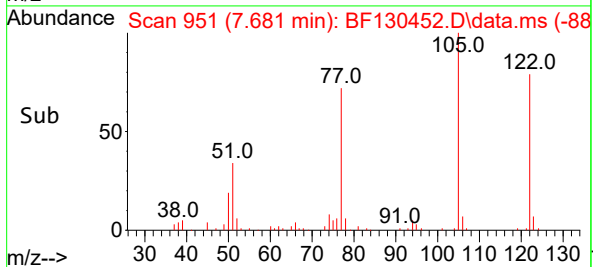
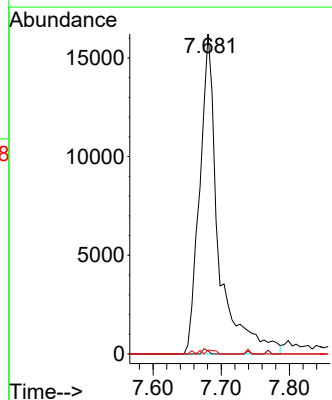
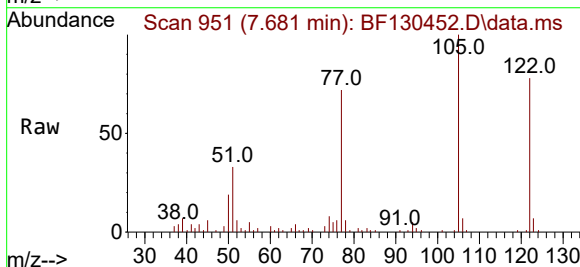
Instrument :
BNA_F
ClientSampleId :
WC-14B-SP-2

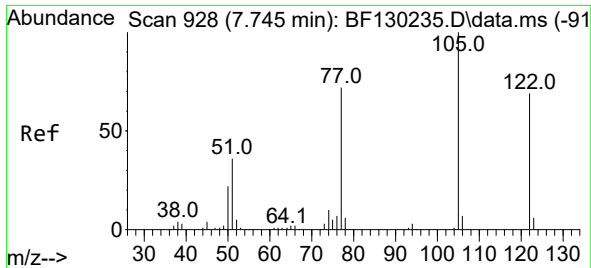
Tgt Ion: 82 Resp: 589737
Ion Ratio Lower Upper
82 100
95 0.1 6.4 9.6#
138 0.0 13.8 20.6#



#27
2,4-Dimethylphenol
Concen: 6.262 ng
RT: 7.681 min Scan# 951
Delta R.T. 0.088 min
Lab File: BF130452.D
Acq: 28 Sep 2022 17:25

Tgt Ion: 122 Resp: 31183
Ion Ratio Lower Upper
122 100
107 0.9 100.2 150.2#
121 1.2 47.8 71.8#

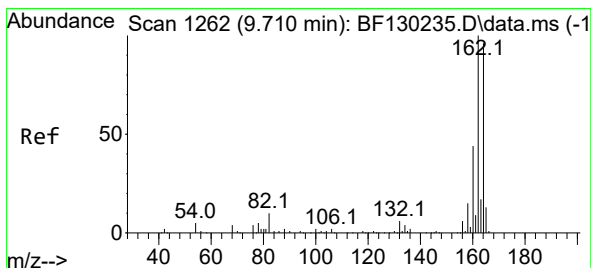
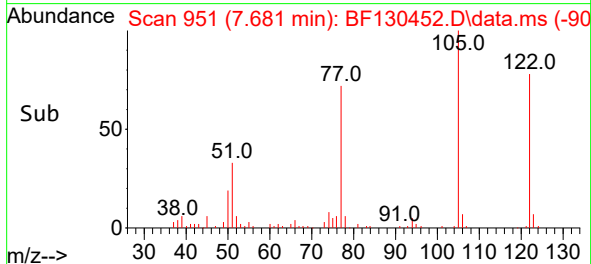
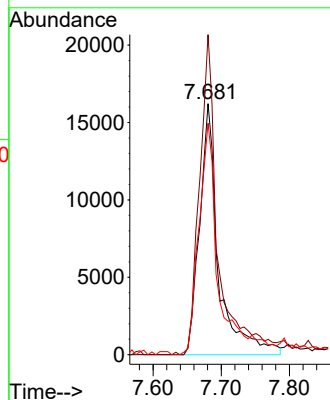
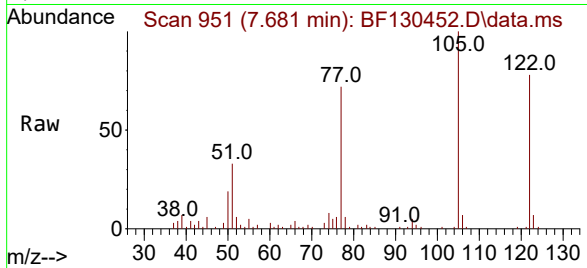




#32
Benzoic acid
Concen: 8.098 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.053 min
Lab File: BF130452.D
Acq: 28 Sep 2022 17:25

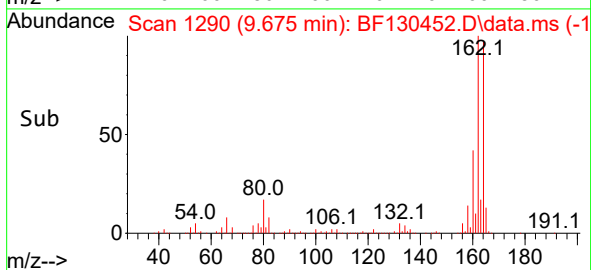
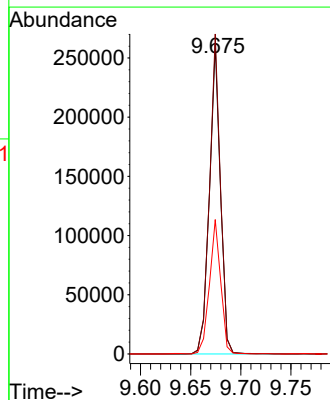
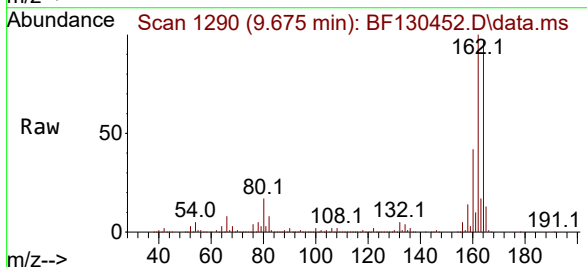
Instrument :
BNA_F
ClientSampleId :
WC-14B-SP-2

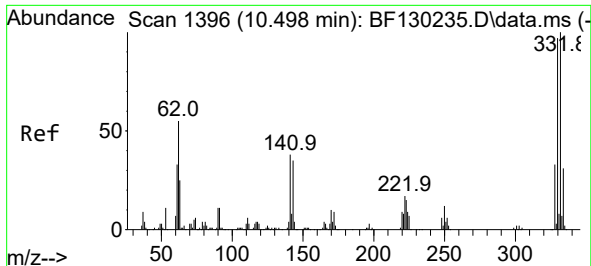
Tgt Ion:122 Resp: 31183
Ion Ratio Lower Upper
122 100
105 127.5 112.9 152.9
77 92.2 82.8 122.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF130452.D
Acq: 28 Sep 2022 17:25

Tgt Ion:164 Resp: 200862
Ion Ratio Lower Upper
164 100
162 103.5 81.4 122.0
160 43.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 144.715 ng

RT: 10.469 min Scan# 1425

Delta R.T. -0.000 min

Lab File: BF130452.D

Acq: 28 Sep 2022 17:25

Instrument :

BNA_F

ClientSampleId :

WC-14B-SP-2

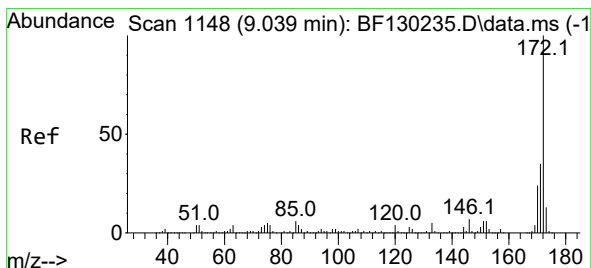
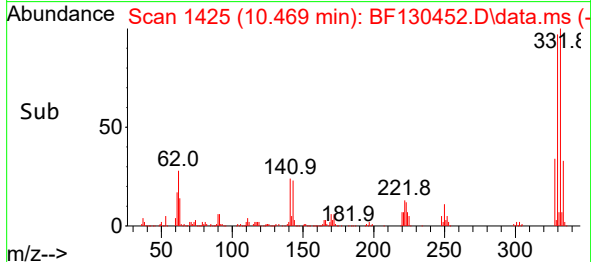
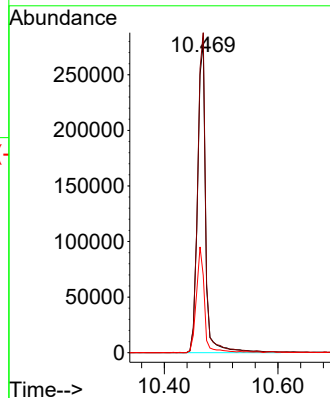
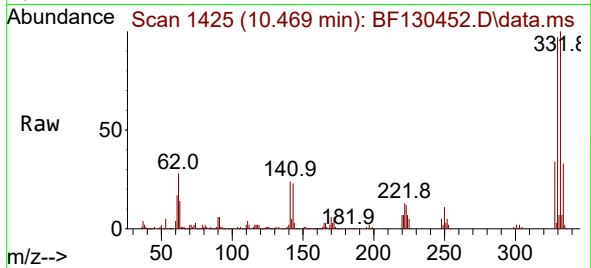
Tgt Ion:330 Resp: 278525

Ion Ratio Lower Upper

330 100

332 101.7 83.4 125.2

141 34.4 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 82.438 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF130452.D

Acq: 28 Sep 2022 17:25

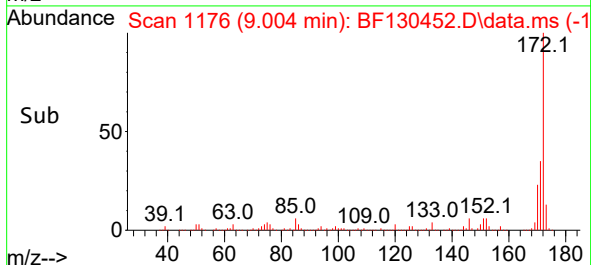
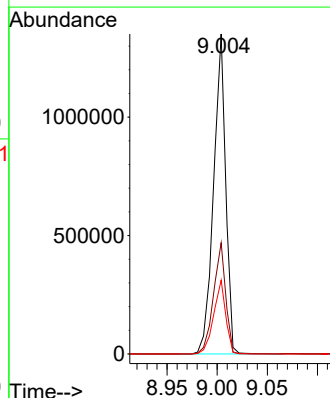
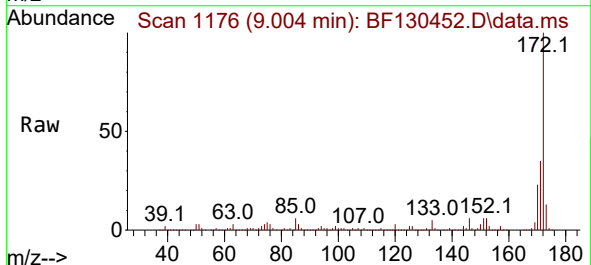
Tgt Ion:172 Resp: 1137117

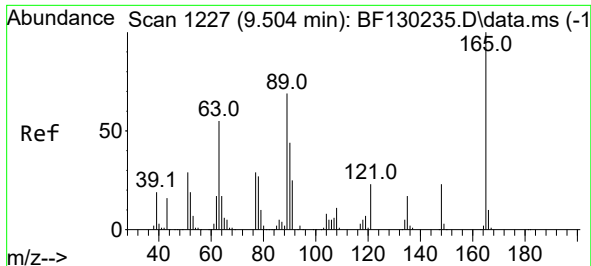
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.0 18.7 28.1

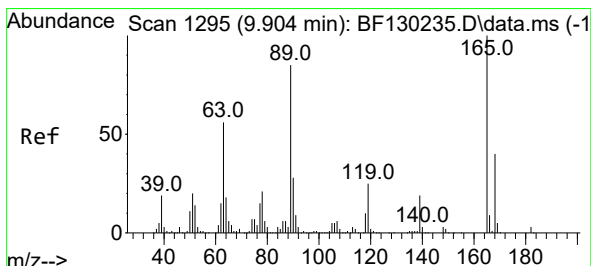
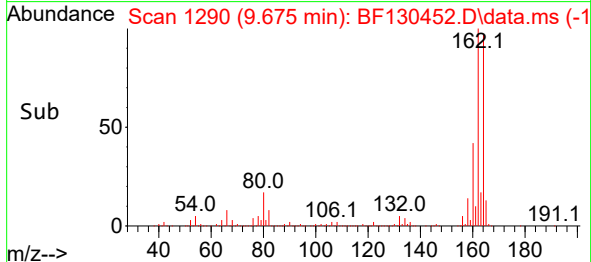
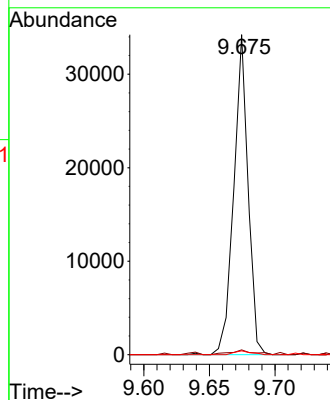
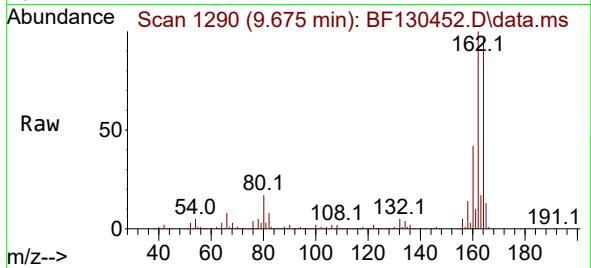




#51
2,6-Dinitrotoluene
Concen: 8.955 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.200 min
Lab File: BF130452.D
Acq: 28 Sep 2022 17:25

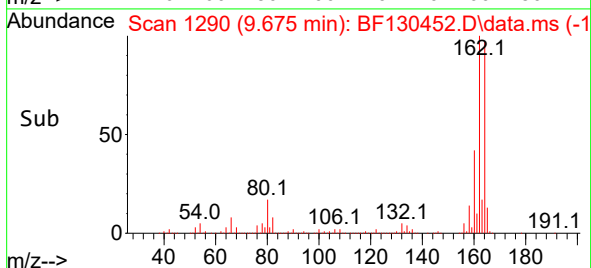
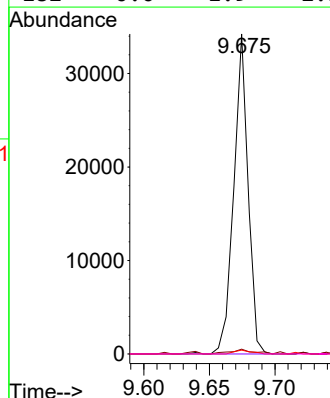
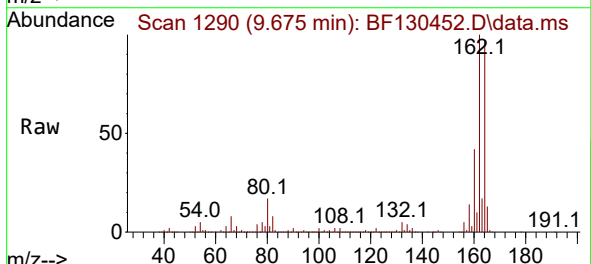
Instrument :
BNA_F
ClientSampleId :
WC-14B-SP-2

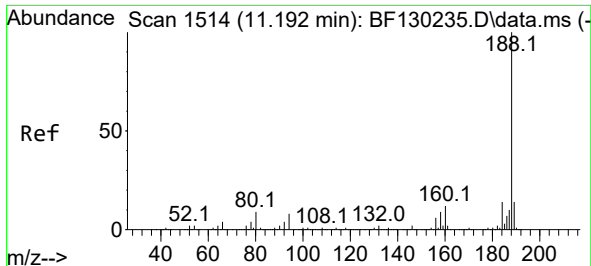
Tgt Ion:165 Resp: 25986
Ion Ratio Lower Upper
165 100
63 1.5 58.8 88.2#
89 1.2 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 7.007 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.200 min
Lab File: BF130452.D
Acq: 28 Sep 2022 17:25

Tgt Ion:165 Resp: 25986
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 1.2 69.0 103.4#
182 0.0 1.9 2.9#

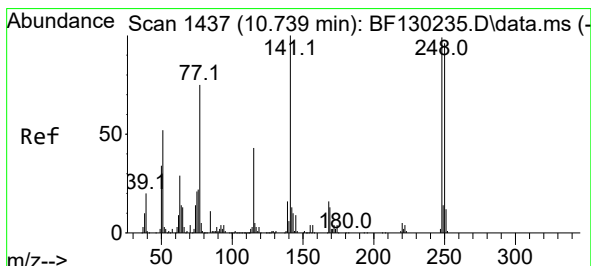
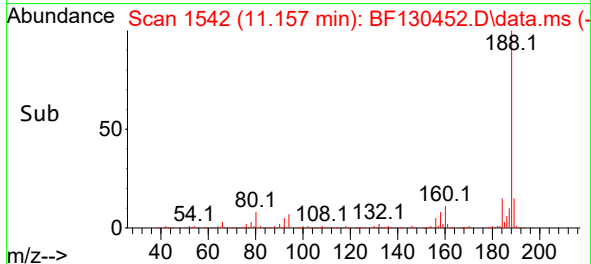
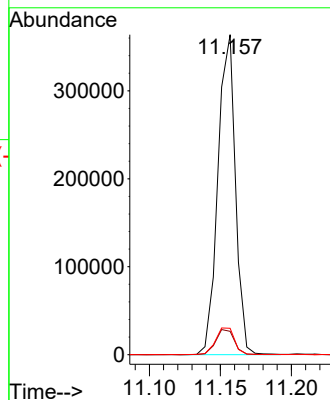
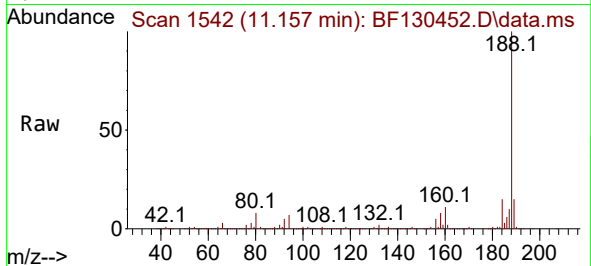




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130452.D
Acq: 28 Sep 2022 17:25

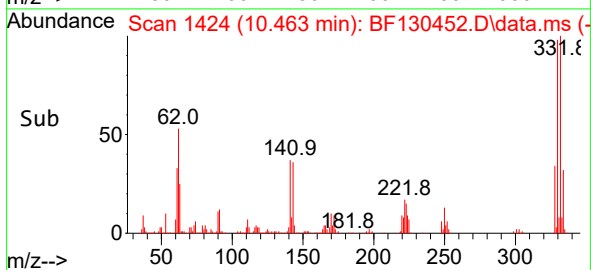
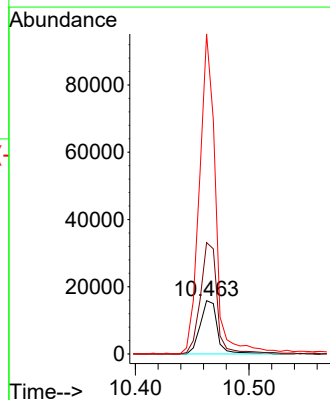
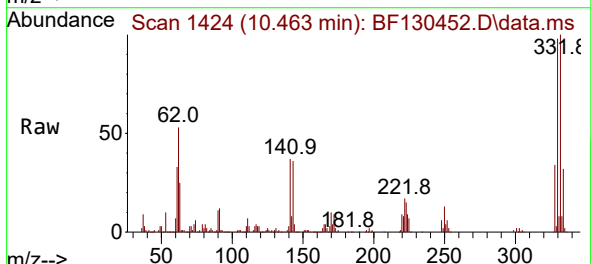
Instrument :
BNA_F
ClientSampleId :
WC-14B-SP-2

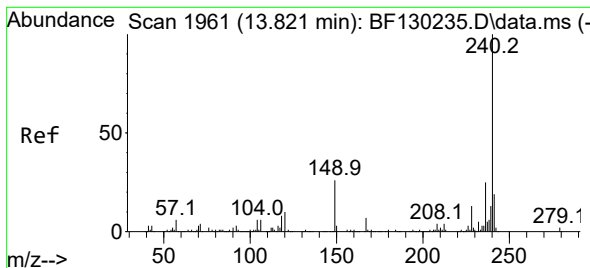
Tgt Ion:188 Resp: 311830
Ion Ratio Lower Upper
188 100
94 7.3 7.4 11.2#
80 8.2 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.844 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.247 min
Lab File: BF130452.D
Acq: 28 Sep 2022 17:25

Tgt Ion:248 Resp: 16664
Ion Ratio Lower Upper
248 100
250 208.6 80.0 120.0#
141 599.7 68.5 102.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.786 min Scan# 1961

Delta R.T. -0.006 min

Lab File: BF130452.D

Acq: 28 Sep 2022 17:25

Instrument :

BNA_F

ClientSampleId :

WC-14B-SP-2

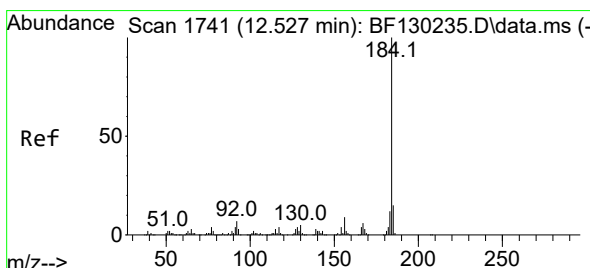
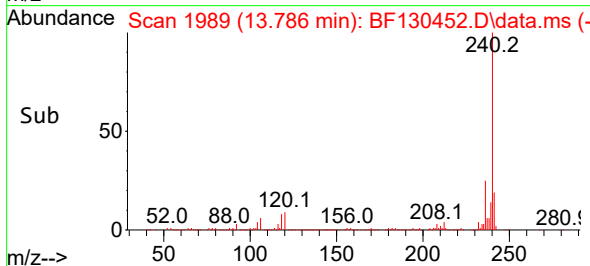
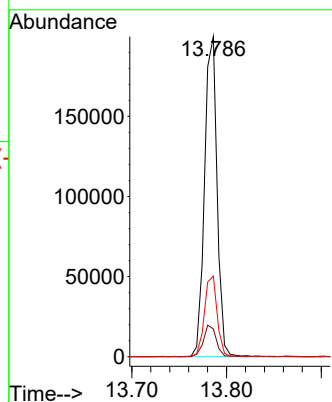
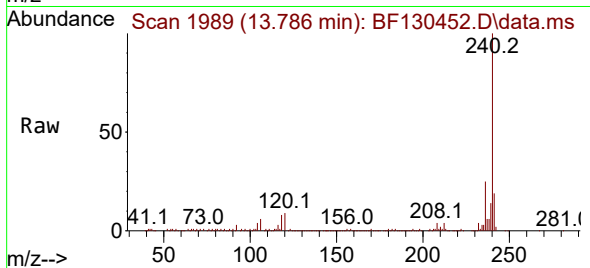
Tgt Ion:240 Resp: 183136

Ion Ratio Lower Upper

240 100

120 8.7 8.7 13.1#

236 25.1 20.9 31.3



#77

Benzidine

Concen: 53.586 ng

RT: 12.498 min Scan# 1770

Delta R.T. -0.000 min

Lab File: BF130452.D

Acq: 28 Sep 2022 17:25

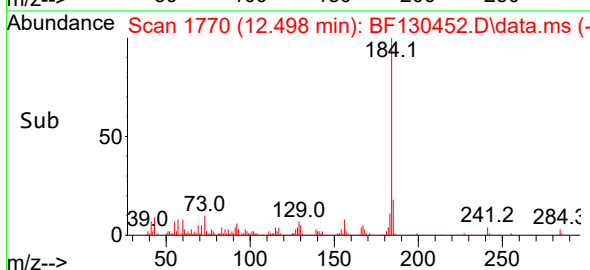
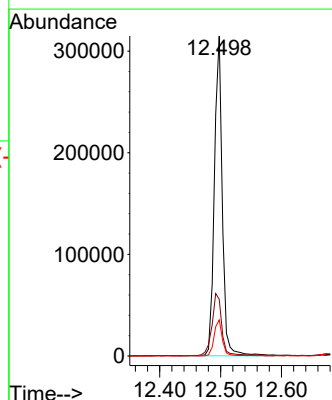
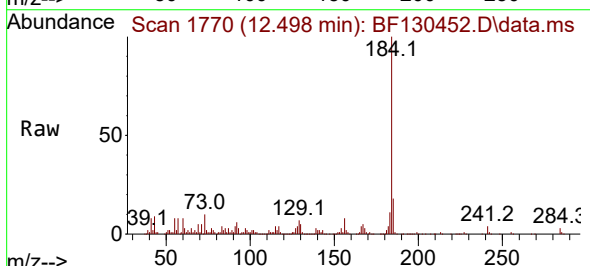
Tgt Ion:184 Resp: 284877

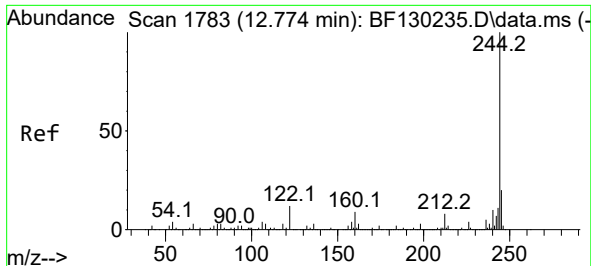
Ion Ratio Lower Upper

184 100

185 17.7 11.8 17.6#

183 11.3 9.1 13.7

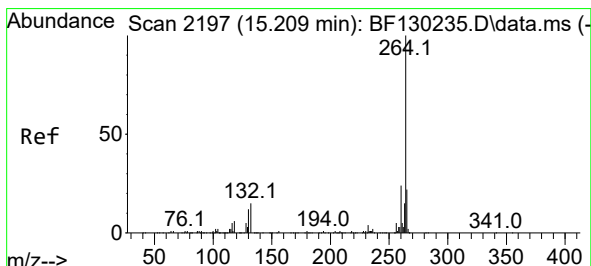
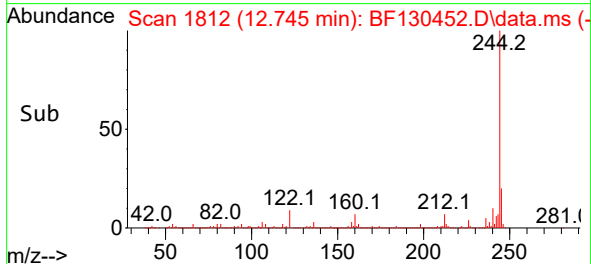
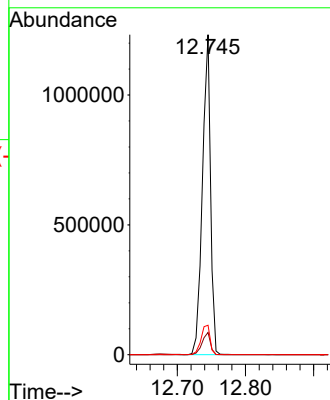
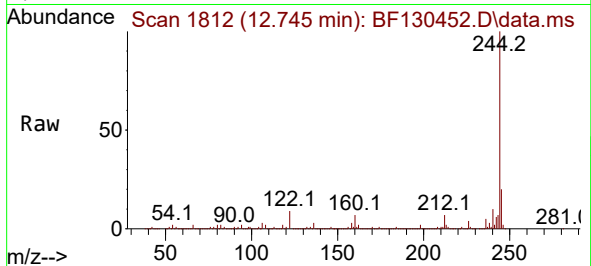




#79
 Terphenyl-d14
 Concen: 92.096 ng
 RT: 12.745 min Scan# 1812
 Delta R.T. -0.000 min
 Lab File: BF130452.D
 Acq: 28 Sep 2022 17:25

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-SP-2

Tgt Ion:244 Resp: 1018181
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 9.2 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.174 min Scan# 2225
 Delta R.T. -0.000 min
 Lab File: BF130452.D
 Acq: 28 Sep 2022 17:25

Tgt Ion:264 Resp: 210645
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.3 17.0 25.4

