

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092122\
 Data File : BF130358.D
 Acq On : 21 Sep 2022 13:01
 Operator : CG\JU
 Sample : PB147377BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147377BL

Quant Time: Sep 21 13:56:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

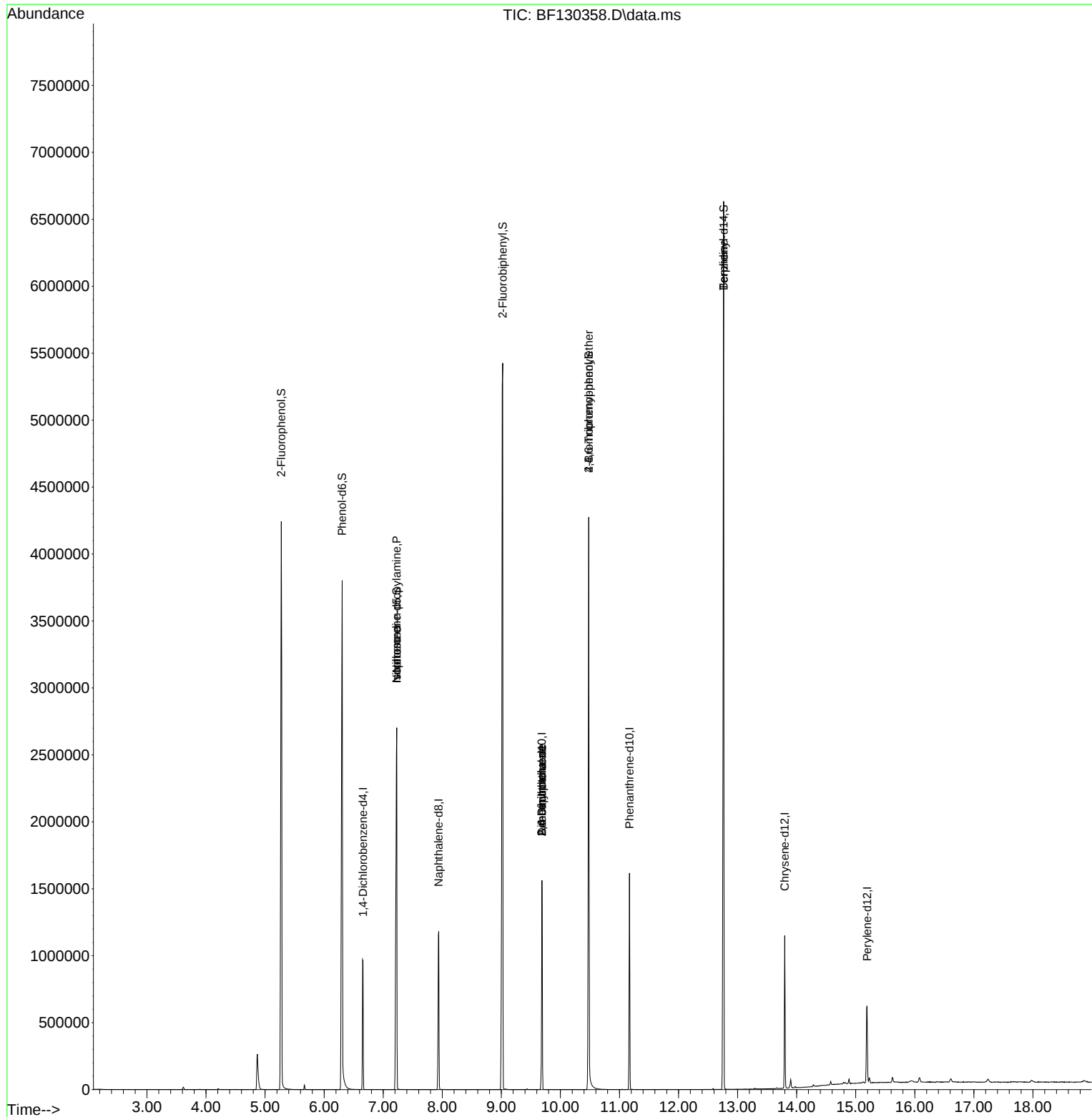
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	147263	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	599282	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	315931	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	522231	20.000	ng	0.00
76) Chrysene-d12	13.798	240	336933	20.000	ng	0.00
86) Perylene-d12	15.192	264	247253	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	1366503	160.947	ng	0.02
7) Phenol-d6	6.304	99	1683852	158.503	ng	0.00
23) Nitrobenzene-d5	7.228	82	1098724	93.666	ng	0.00
42) 2,4,6-Tribromophenol	10.480	330	534587	176.593	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	2008925	92.595	ng	0.00
79) Terphenyl-d14	12.763	244	2192507	107.792	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.228	70	149449	20.848	ng	# 73
25) Isophorone	7.228	82	1085254	57.401	ng	# 66
50) Dimethylphthalate	9.686	163	59178	2.712	ng	# 1
51) 2,6-Dinitrotoluene	9.686	165	40305	8.831	ng	# 16
57) 2,4-Dinitrotoluene	9.686	165	40305	6.910	ng	# 16
67) 4-Bromophenyl-phenylether	10.480	248	32064	5.566	ng	# 1
77) Benzidine	12.763	184	31116	3.181	ng	# 91

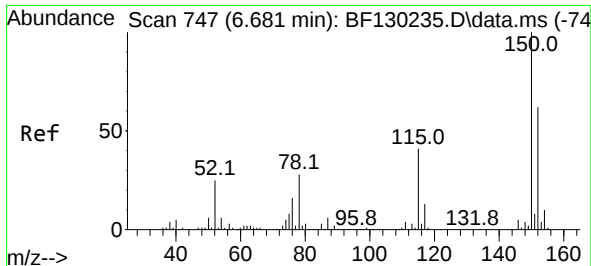
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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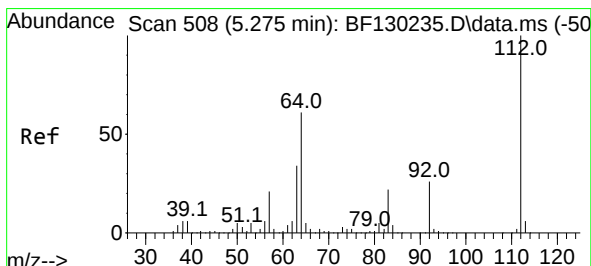
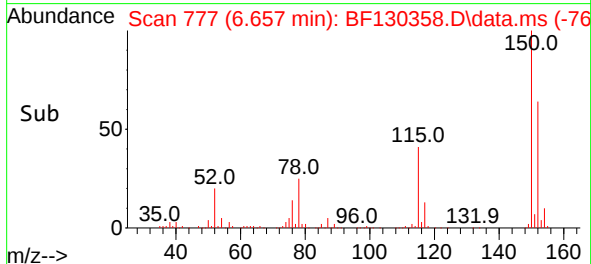
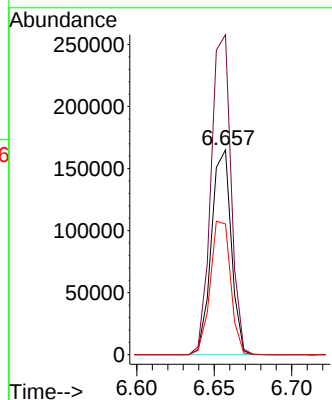
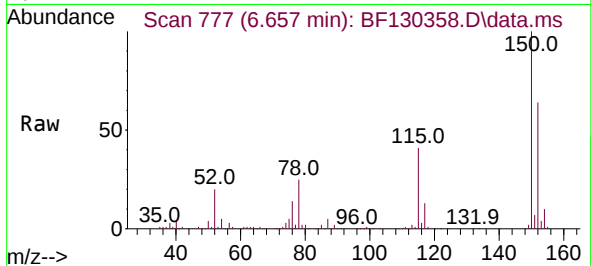




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.657 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130358.D
 Acq: 21 Sep 2022 13:01

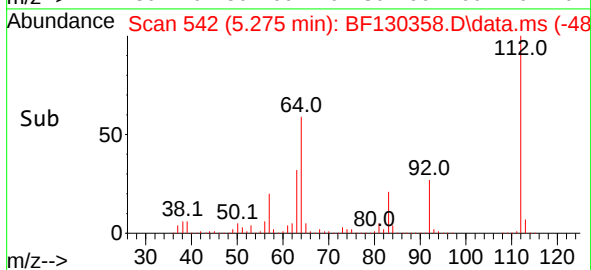
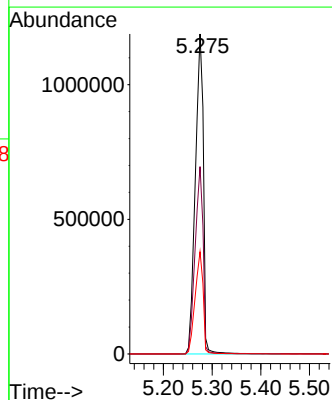
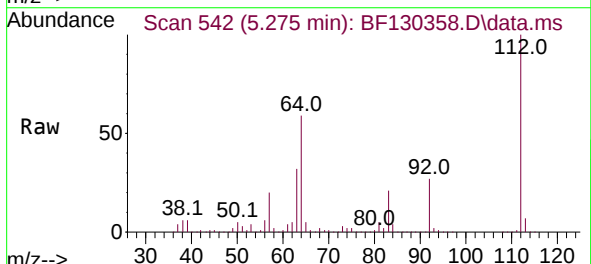
Instrument :
 BNA_F
 ClientSampleId :
 PB147377BL

Tgt Ion:152 Resp: 147263
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.8 184.2
 115 63.8 53.8 80.8



#5
 2-Fluorophenol
 Concen: 160.947 ng
 RT: 5.275 min Scan# 542
 Delta R.T. 0.018 min
 Lab File: BF130358.D
 Acq: 21 Sep 2022 13:01

Tgt Ion:112 Resp: 1366503
 Ion Ratio Lower Upper
 112 100
 64 58.5 51.4 77.0
 63 32.0 28.8 43.2

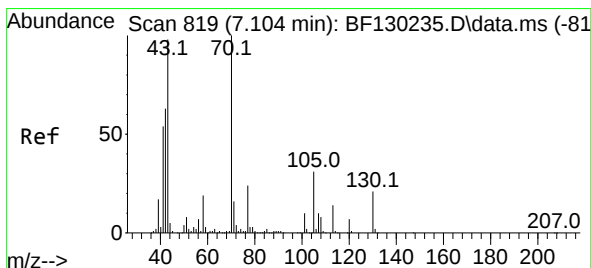
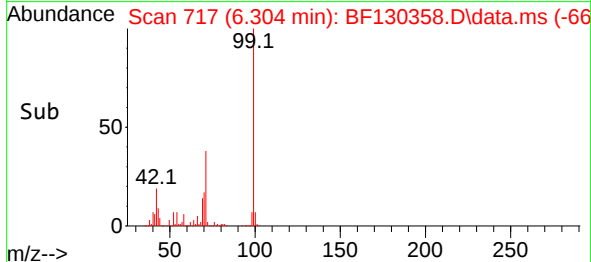
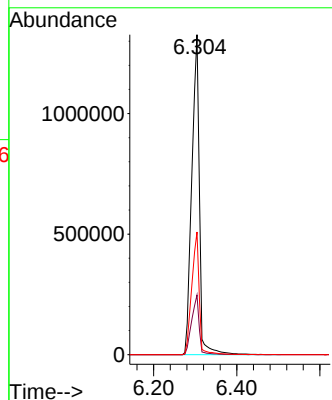
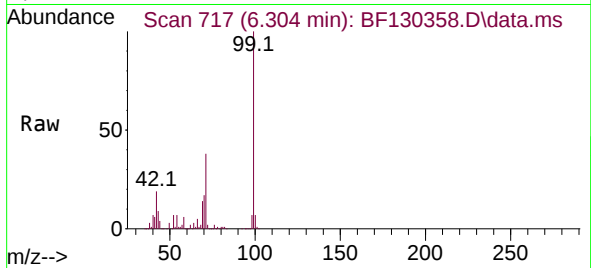




#7
Phenol-d6
Concen: 158.503 ng
RT: 6.304 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

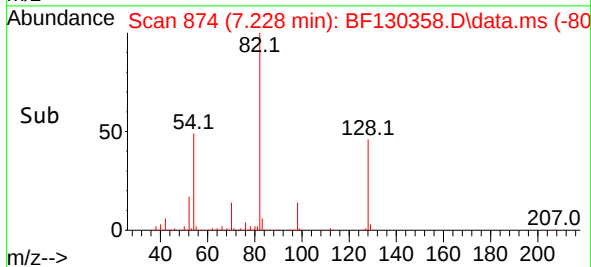
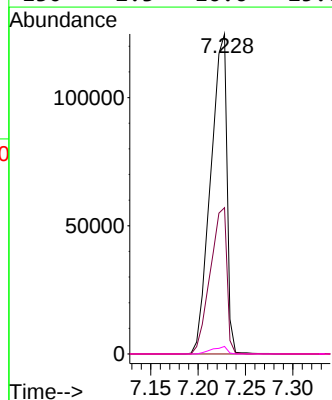
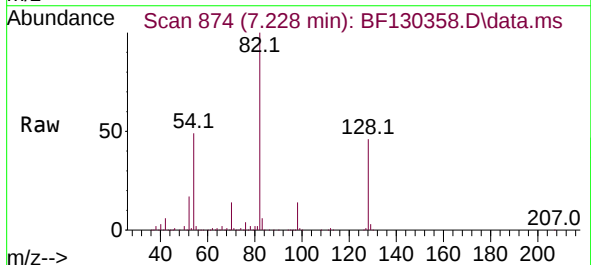
Instrument :
BNA_F
ClientSampleId :
PB147377BL

Tgt Ion: 99 Resp: 1683852
Ion Ratio Lower Upper
99 100
42 18.6 17.0 25.6
71 38.4 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.848 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.135 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

Tgt Ion: 70 Resp: 149449
Ion Ratio Lower Upper
70 100
42 45.7 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#

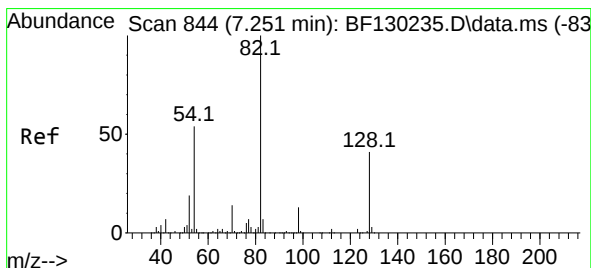
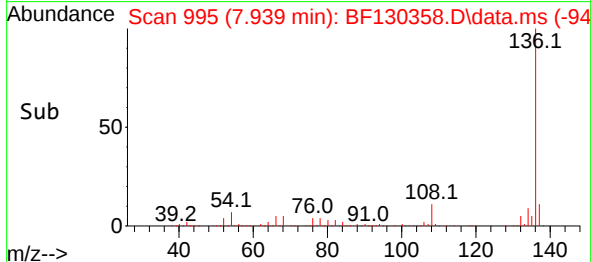
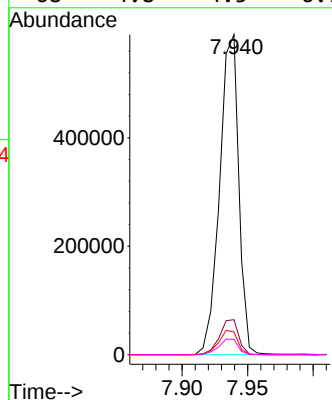
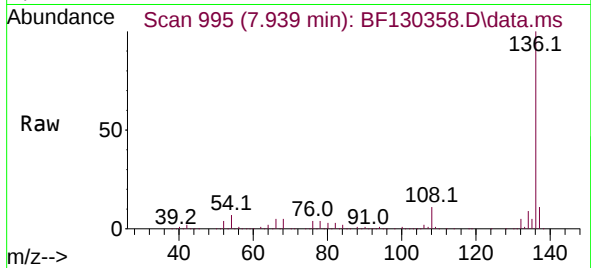




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

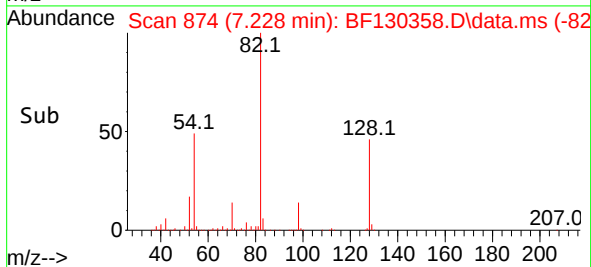
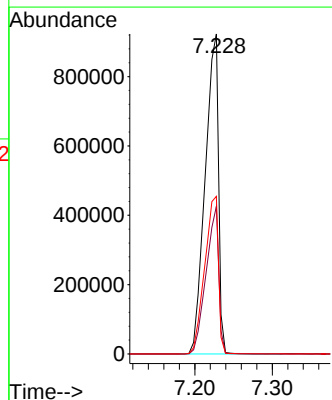
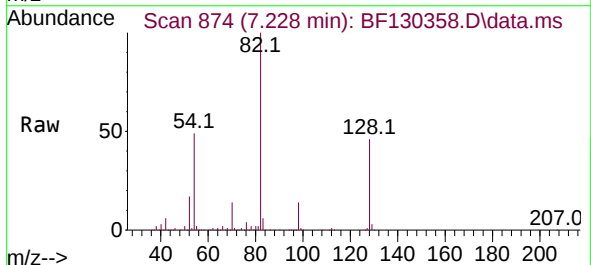
Instrument :
BNA_F
ClientSampleId :
PB147377BL

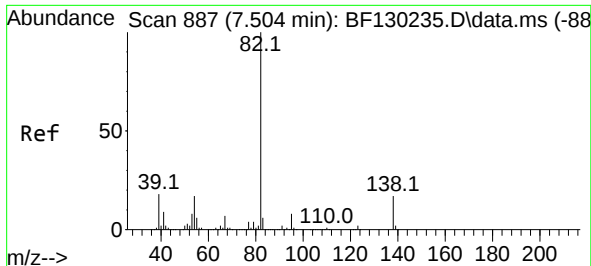
Tgt Ion:136 Resp: 599282
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.1 7.1 10.7#
68 4.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 93.666 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

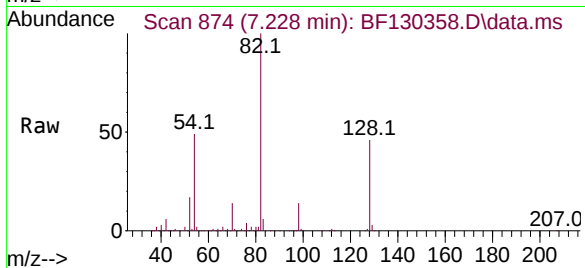
Tgt Ion: 82 Resp: 1098724
Ion Ratio Lower Upper
82 100
128 46.1 32.6 49.0
54 49.3 43.8 65.6



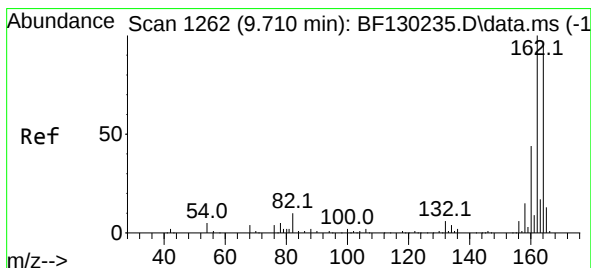
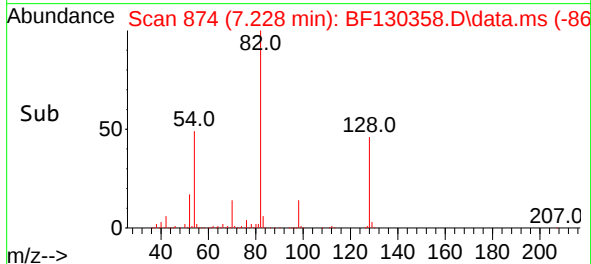
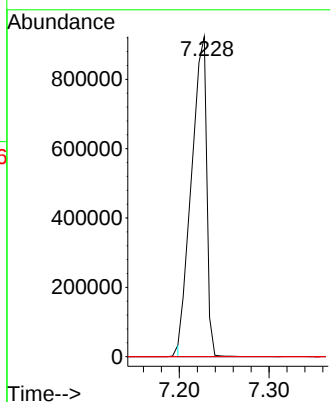


#25
Isophorone
Concen: 57.401 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

Instrument :
BNA_F
ClientSampleId :
PB147377BL

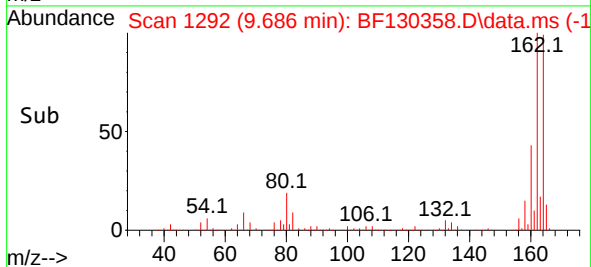
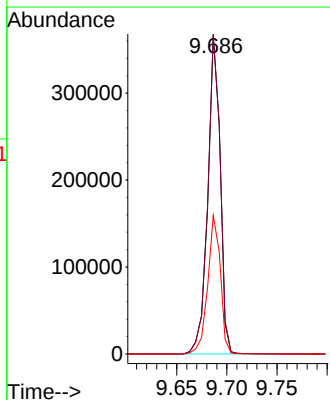
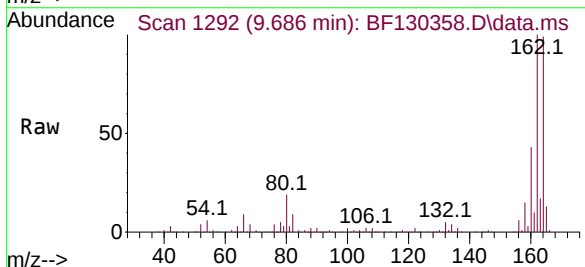


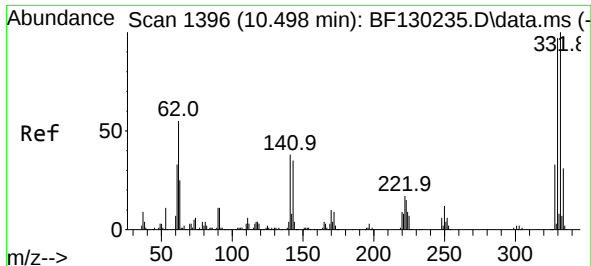
Tgt Ion: 82 Resp: 1085254
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

Tgt Ion: 164 Resp: 315931
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 43.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 176.593 ng

RT: 10.480 min Scan# 1427

Delta R.T. 0.000 min

Lab File: BF130358.D

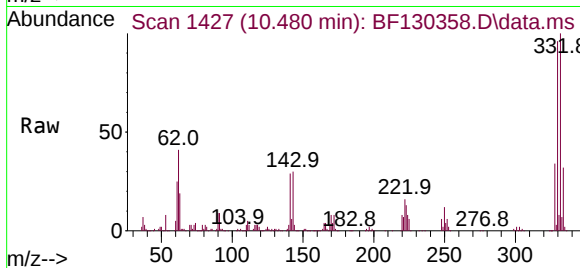
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Instrument :

BNA_F

ClientSampleId :

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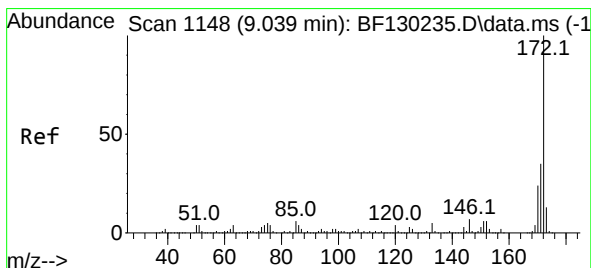
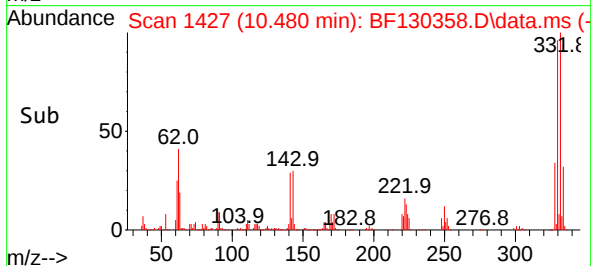
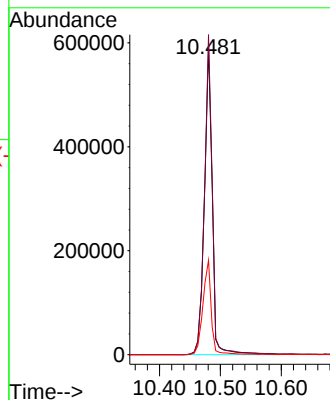
Tgt Ion:330 Resp: 534587

Ion Ratio Lower Upper

330 100

332 103.2 83.4 125.2

141 33.0 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 92.595 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF130358.D

Acq: 21 Sep 2022 13:01

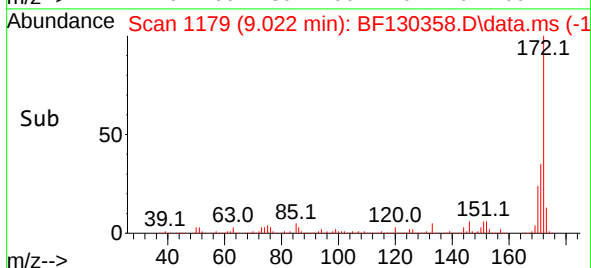
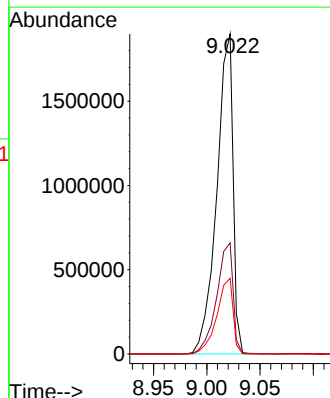
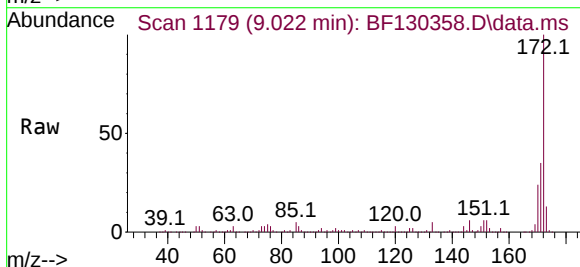
Tgt Ion:172 Resp: 2008925

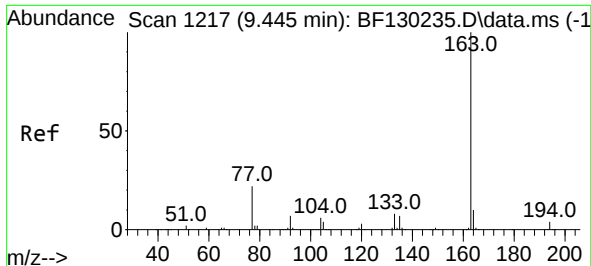
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.7 18.7 28.1

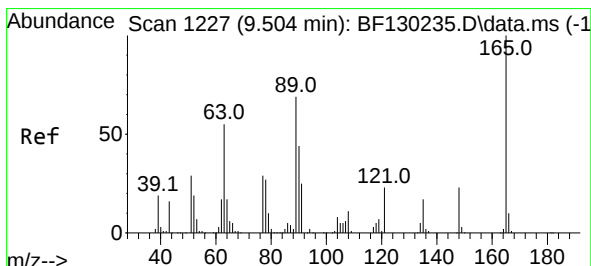
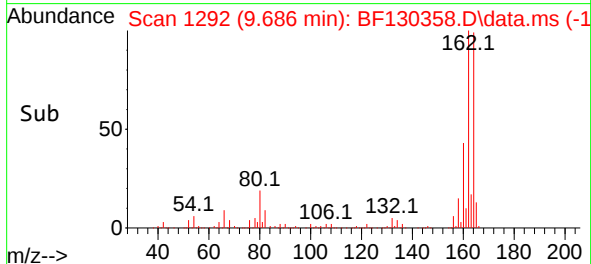
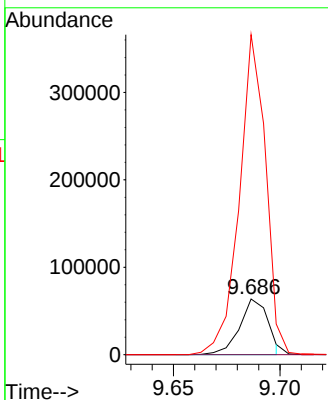
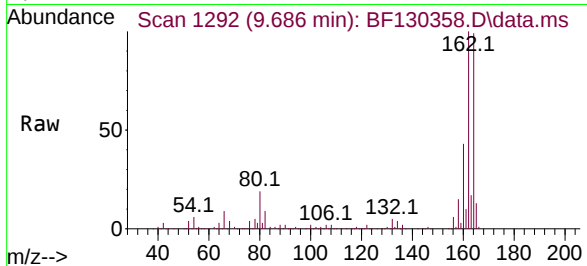




#50
Dimethylphthalate
Concen: 2.712 ng
RT: 9.686 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

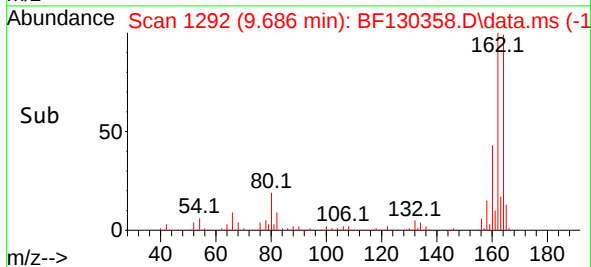
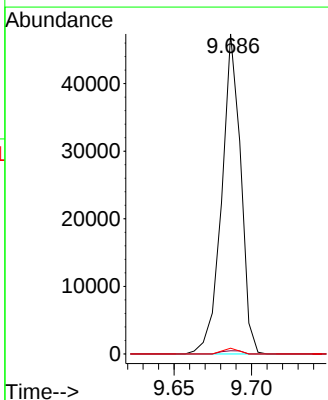
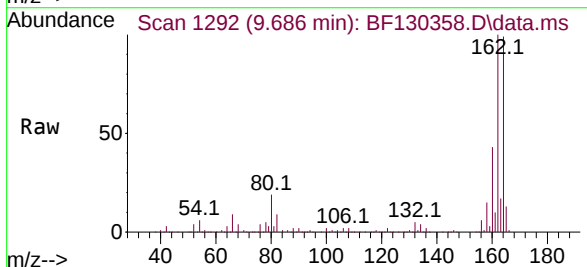
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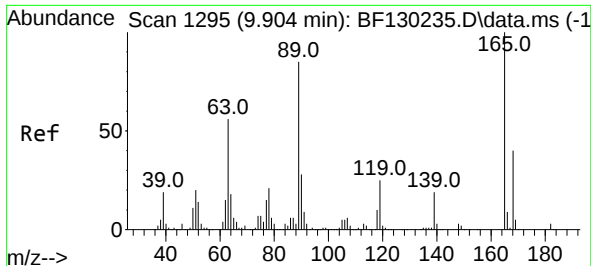
Tgt Ion:163 Resp: 59178
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 575.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.831 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

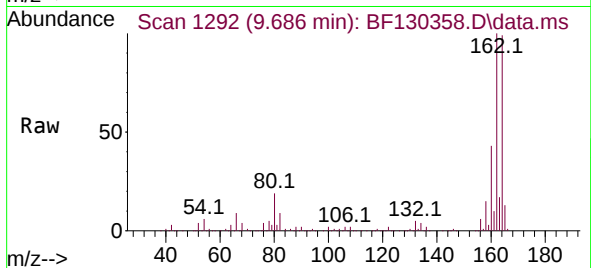
Tgt Ion:165 Resp: 40305
Ion Ratio Lower Upper
165 100
63 1.0 58.8 88.2#
89 1.8 54.5 81.7#



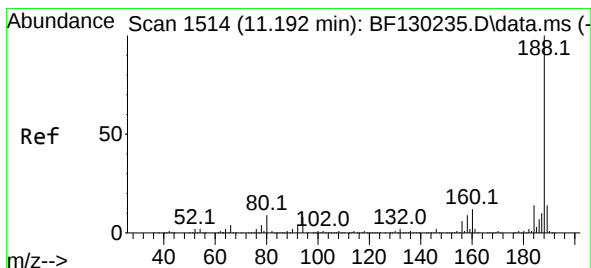
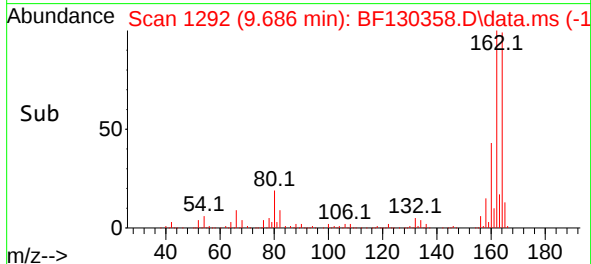
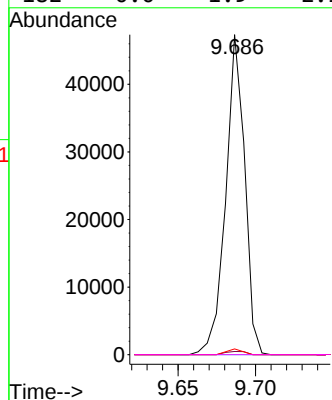


#57
2,4-Dinitrotoluene
Concen: 6.910 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

Instrument :
BNA_F
ClientSampleId :
PB147377BL

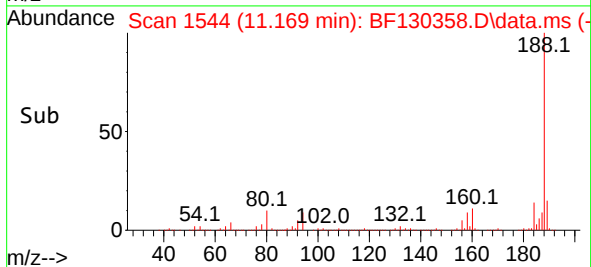
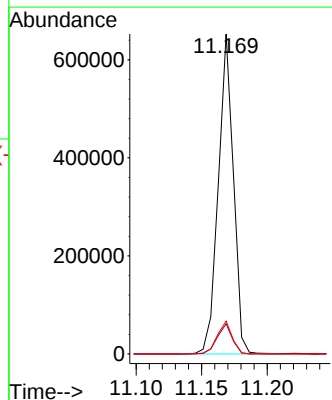
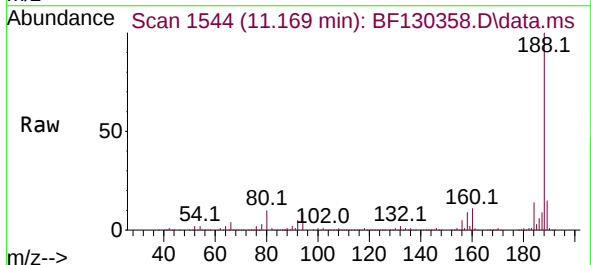


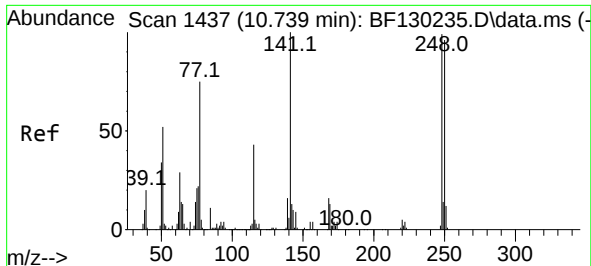
Tgt Ion:165 Resp: 40305
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.8 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

Tgt Ion:188 Resp: 522231
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.3 7.9 11.9

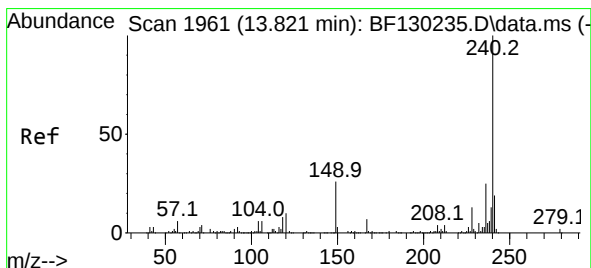
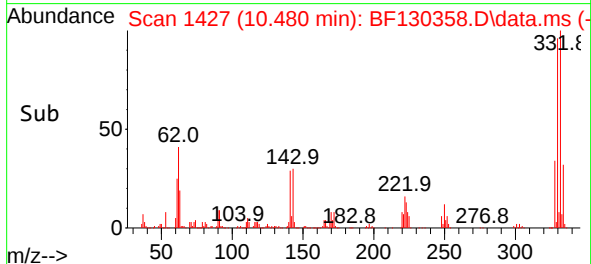
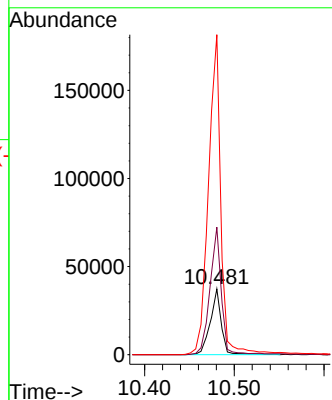
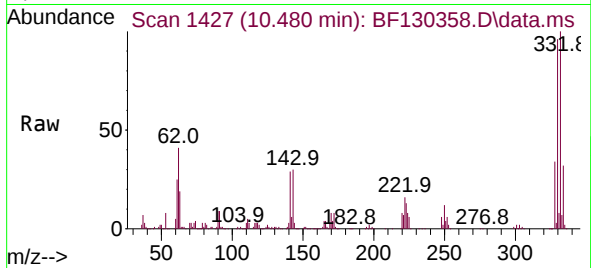




#67
4-Bromophenyl-phenylether
Concen: 5.566 ng
RT: 10.480 min Scan# 1437
Delta R.T. -0.241 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

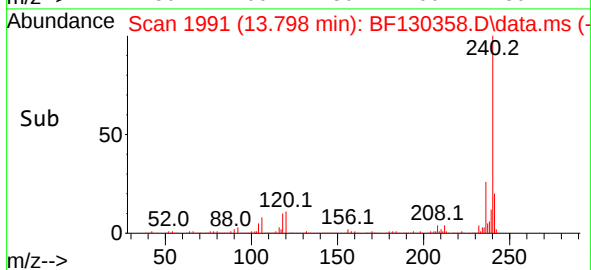
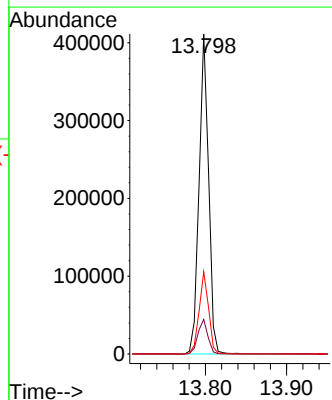
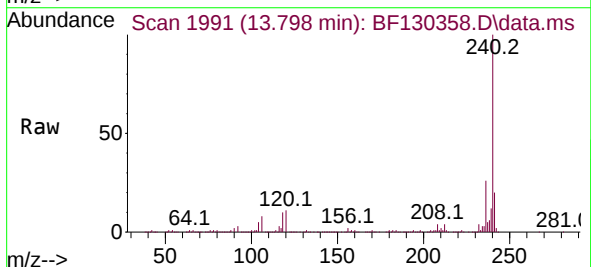
Instrument :
BNA_F
ClientSampleId :
PB147377BL

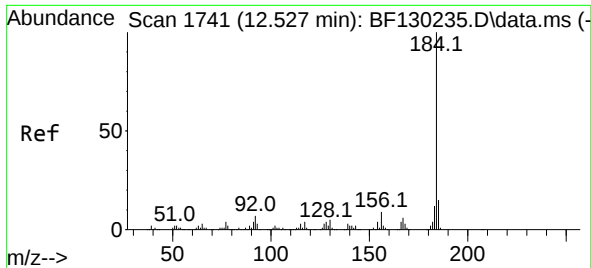
Tgt Ion:248 Resp: 32064
Ion Ratio Lower Upper
248 100
250 193.8 80.0 120.0#
141 486.2 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

Tgt Ion:240 Resp: 336933
Ion Ratio Lower Upper
240 100
120 10.8 8.7 13.1
236 25.7 20.9 31.3

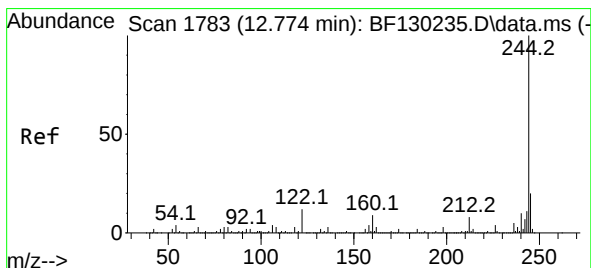
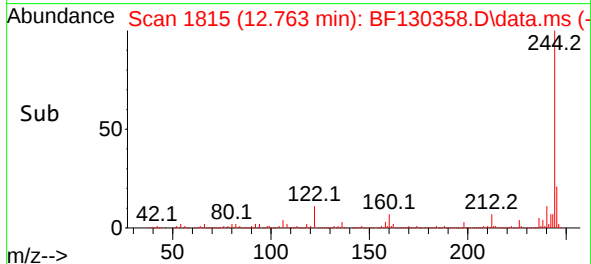
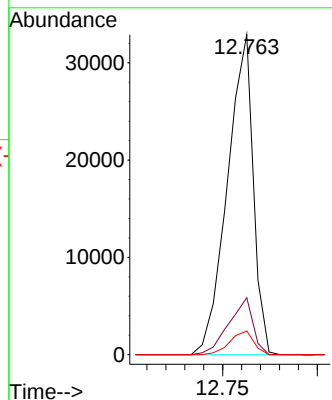
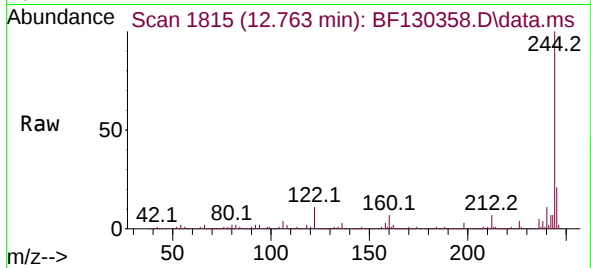




#77
Benzidine
Concen: 3.181 ng
RT: 12.763 min Scan# 1815
Delta R.T. 0.253 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

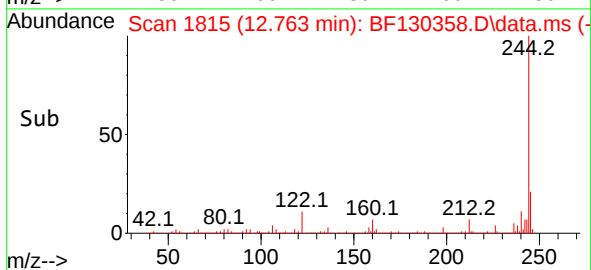
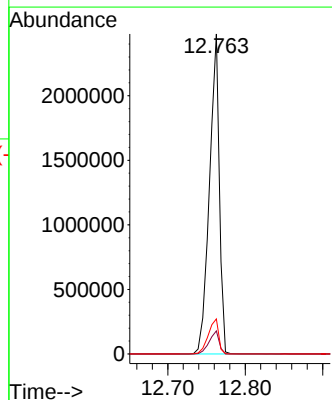
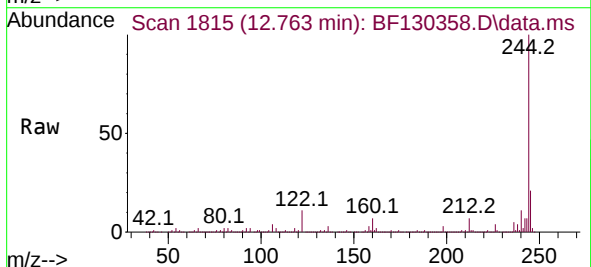
Instrument :
BNA_F
ClientSampleId :
PB147377BL

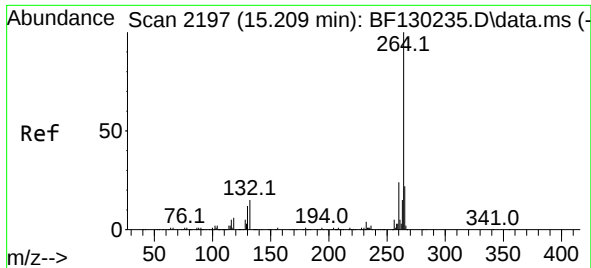
Tgt Ion:184 Resp: 31116
Ion Ratio Lower Upper
184 100
185 17.8 11.8 17.6#
183 7.4 9.1 13.7#



#79
Terphenyl-d14
Concen: 107.792 ng
RT: 12.763 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

Tgt Ion:244 Resp: 2192507
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.0 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.192 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF130358.D
Acq: 21 Sep 2022 13:01

Instrument :
BNA_F
ClientSampleId :
PB147377BL

Tgt Ion:264 Resp: 247253

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	22.5	17.0	25.4

