

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130578.D
 Acq On : 07 Oct 2022 16:48
 Operator : CG\JU
 Sample : N5033-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 596C-2

Quant Time: Oct 10 01:43:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

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

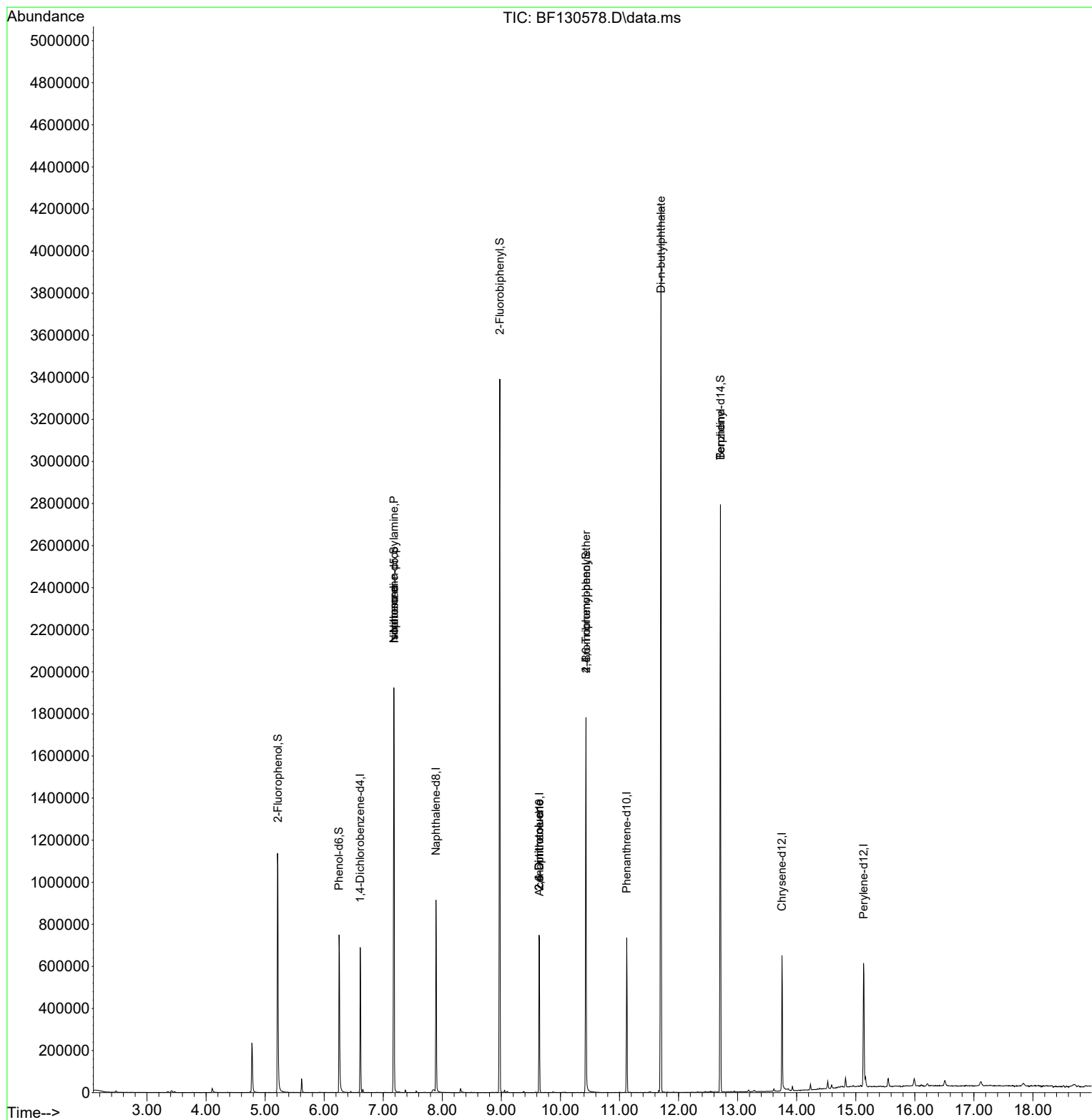
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.610	152	95367	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	378398	20.000	ng	-0.01
39) Acenaphthene-d10	9.645	164	152755	20.000	ng	0.00
64) Phenanthrene-d10	11.122	188	238838	20.000	ng	-0.01
76) Chrysene-d12	13.751	240	195543	20.000	ng	-0.01
86) Perylene-d12	15.133	264	239468	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	348166	63.322	ng	0.00
7) Phenol-d6	6.251	99	261022	37.941	ng	-0.02
23) Nitrobenzene-d5	7.181	82	639726	86.371	ng	-0.01
42) 2,4,6-Tribromophenol	10.433	330	196115	133.987	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	951343	90.690	ng	0.00
79) Terphenyl-d14	12.710	244	866048	73.365	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.181	70	85636	18.447	ng	# 74
25) Isophorone	7.181	82	639719	53.587	ng	# 66
51) 2,6-Dinitrotoluene	9.639	165	20002	9.064	ng	# 16
57) 2,4-Dinitrotoluene	9.639	165	20002	7.092	ng	# 16
67) 4-Bromophenyl-phenylether	10.433	248	11985	4.549	ng	# 1
74) Di-n-butylphthalate	11.704	149	2068189	146.858	ng	99
77) Benzidine	12.710	184	12578	2.216	ng	# 93

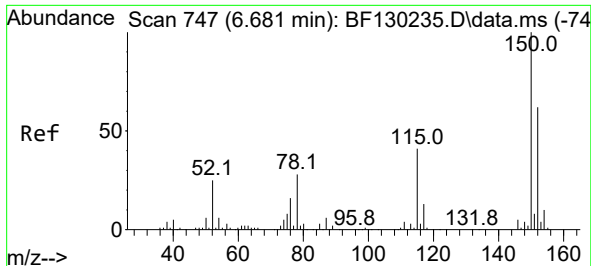
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
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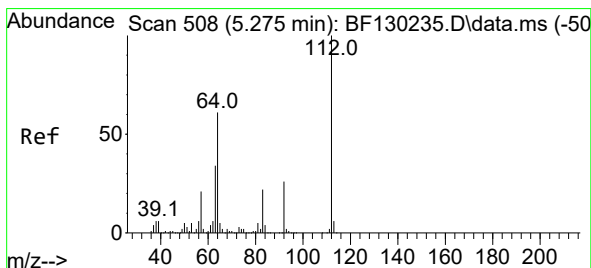
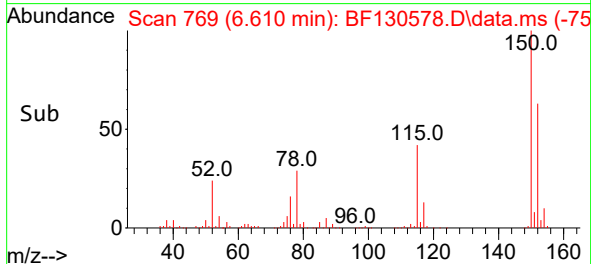
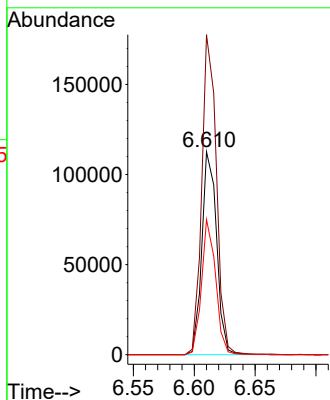
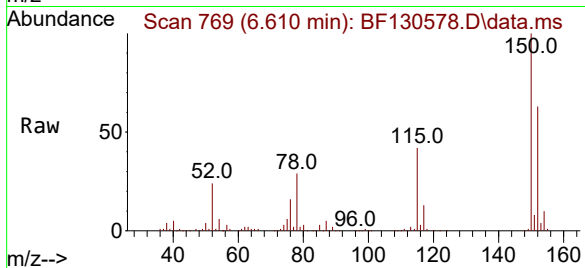




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.610 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: BF130578.D
 Acq: 07 Oct 2022 16:48

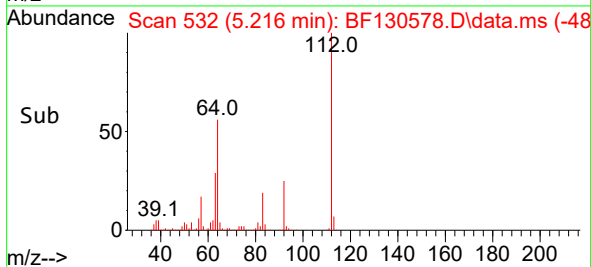
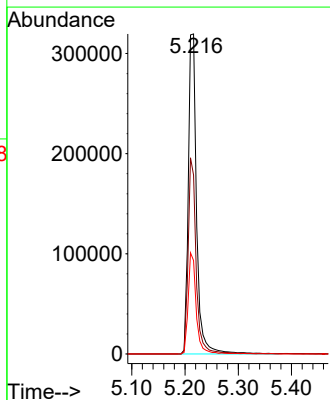
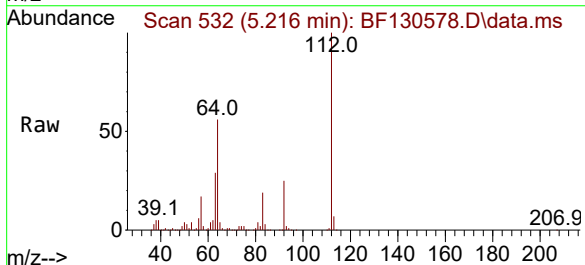
Instrument :
 BNA_F
 ClientSampleId :
 596C-2

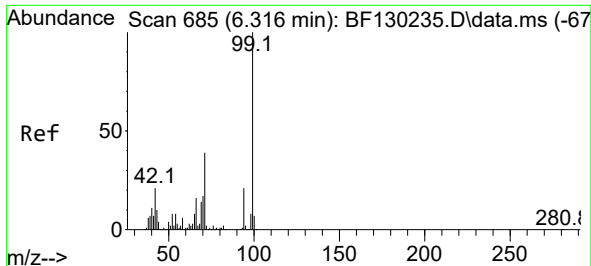
Tgt Ion:152 Resp: 95367
 Ion Ratio Lower Upper
 152 100
 150 157.7 122.8 184.2
 115 66.7 53.8 80.8



#5
 2-Fluorophenol
 Concen: 63.322 ng
 RT: 5.216 min Scan# 532
 Delta R.T. -0.000 min
 Lab File: BF130578.D
 Acq: 07 Oct 2022 16:48

Tgt Ion:112 Resp: 348166
 Ion Ratio Lower Upper
 112 100
 64 55.9 51.4 77.0
 63 29.2 28.8 43.2

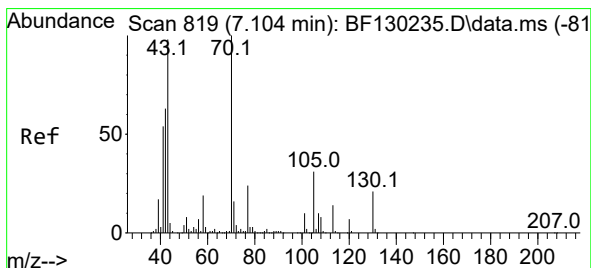
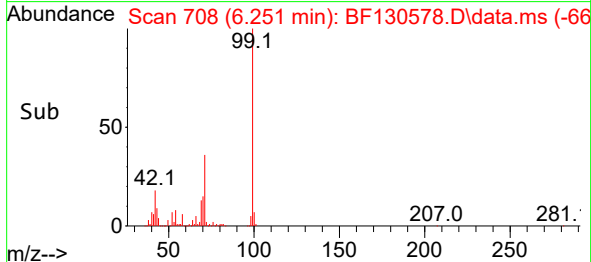
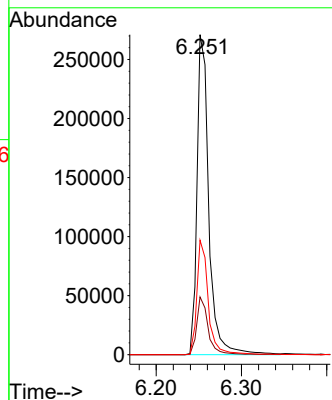
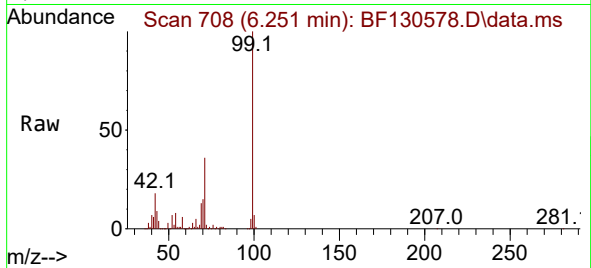




#7
Phenol-d6
Concen: 37.941 ng
RT: 6.251 min Scan# 70
Delta R.T. -0.018 min
Lab File: BF130578.D
Acq: 07 Oct 2022 16:48

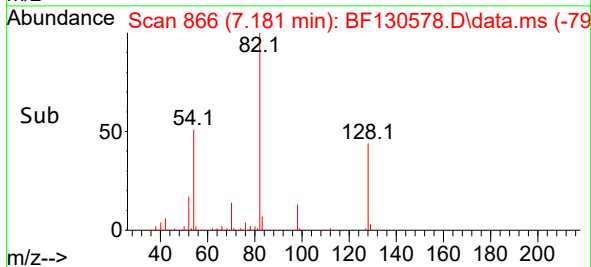
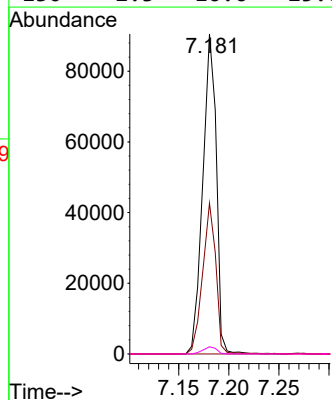
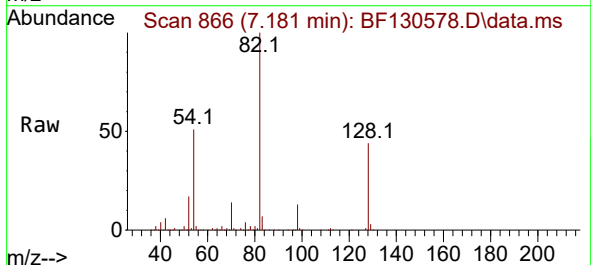
Instrument :
BNA_F
ClientSampleId :
596C-2

Tgt Ion: 99 Resp: 261022
Ion Ratio Lower Upper
99 100
42 18.0 17.0 25.6
71 35.7 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.447 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.135 min
Lab File: BF130578.D
Acq: 07 Oct 2022 16:48

Tgt Ion: 70 Resp: 85636
Ion Ratio Lower Upper
70 100
42 47.2 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#

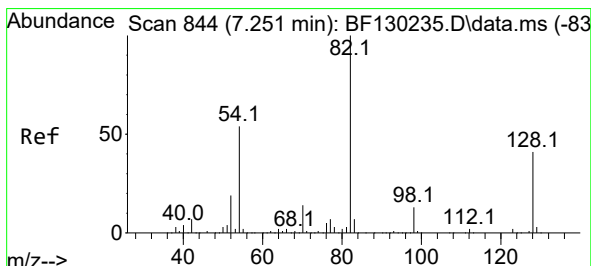
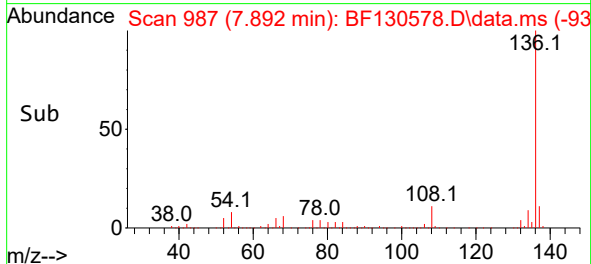
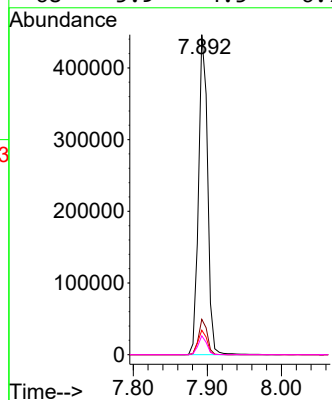
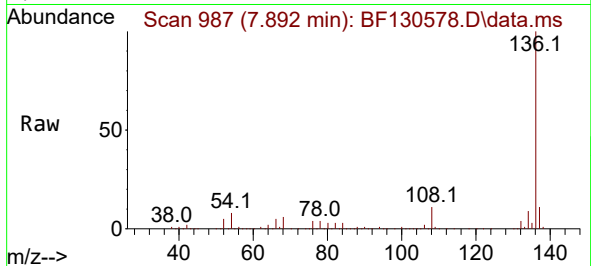




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.892 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130578.D
Acq: 07 Oct 2022 16:48

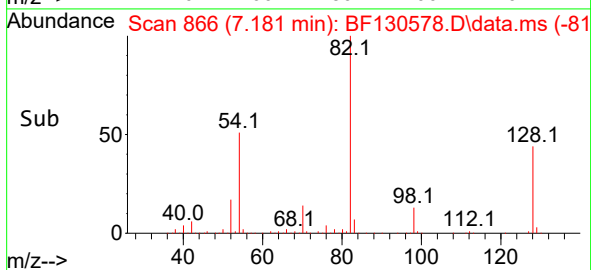
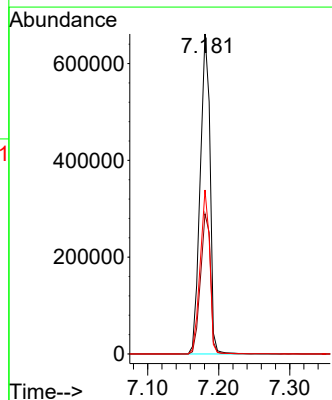
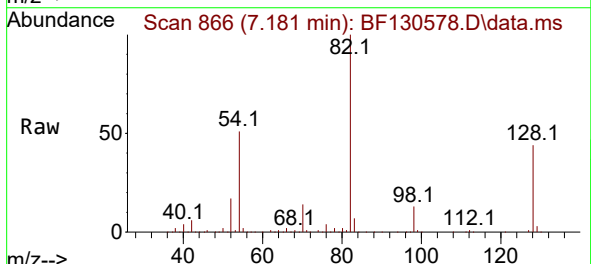
Instrument :
BNA_F
ClientSampleId :
596C-2

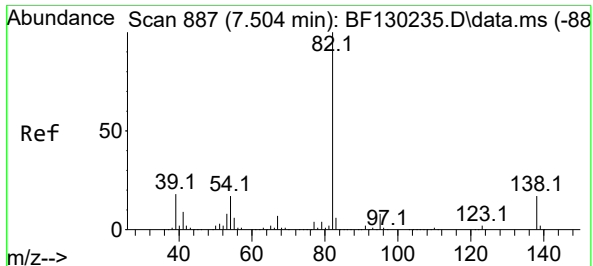
Tgt Ion:136 Resp: 378398
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.7 7.1 10.7
68 5.9 4.5 6.7



#23
Nitrobenzene-d5
Concen: 86.371 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF130578.D
Acq: 07 Oct 2022 16:48

Tgt Ion: 82 Resp: 639726
Ion Ratio Lower Upper
82 100
128 43.8 32.6 49.0
54 51.2 43.8 65.6

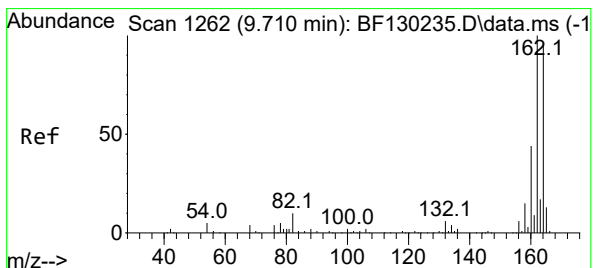
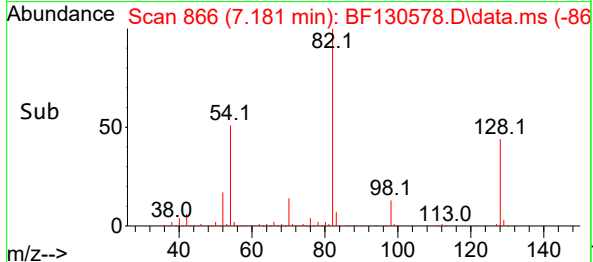
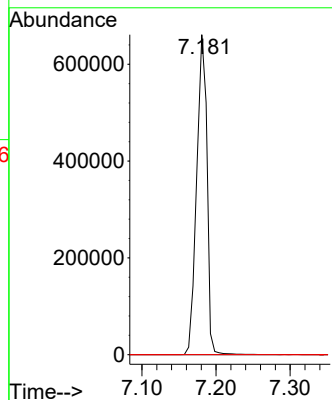
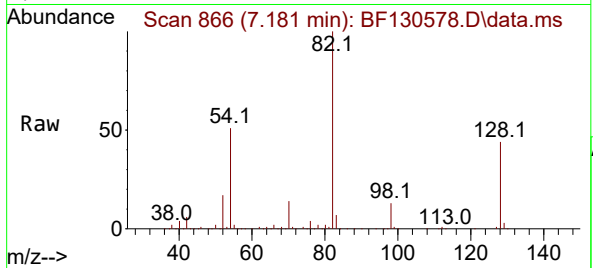




#25
Isophorone
Concen: 53.587 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF130578.D
Acq: 07 Oct 2022 16:48

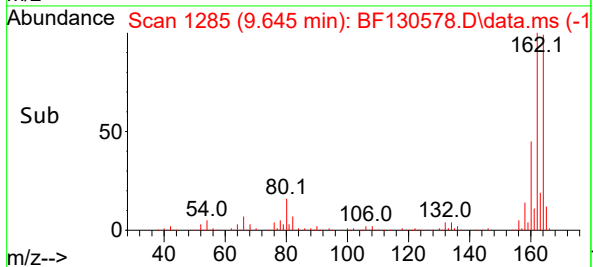
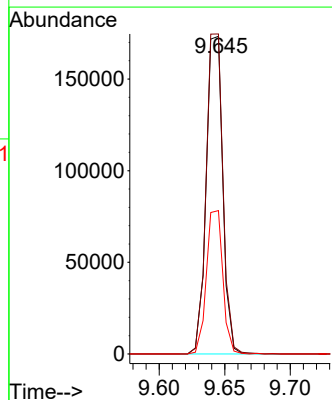
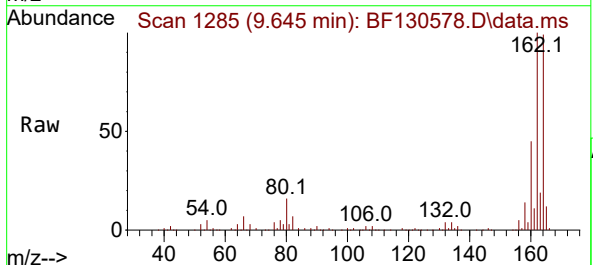
Instrument :
BNA_F
ClientSampleId :
596C-2

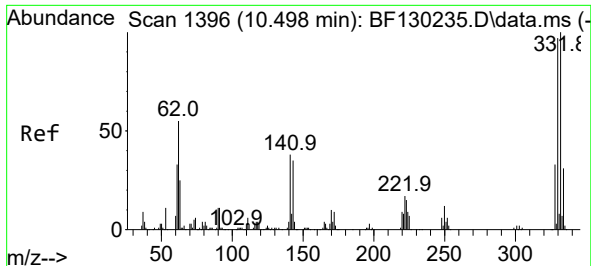
Tgt Ion: 82 Resp: 639719
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130578.D
Acq: 07 Oct 2022 16:48

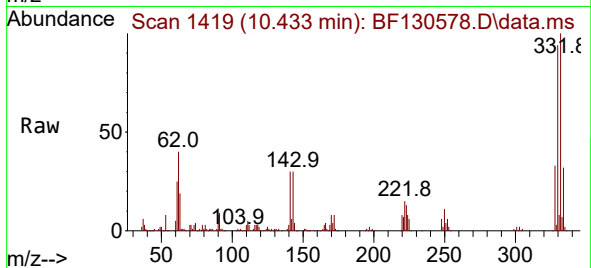
Tgt Ion: 164 Resp: 152755
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 45.1 36.2 54.4



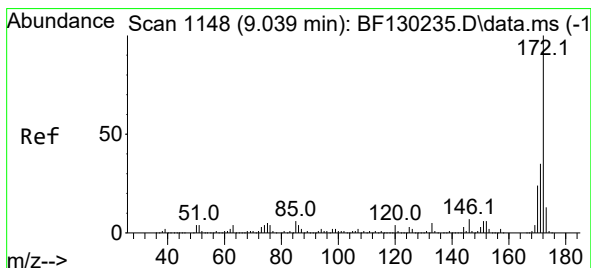
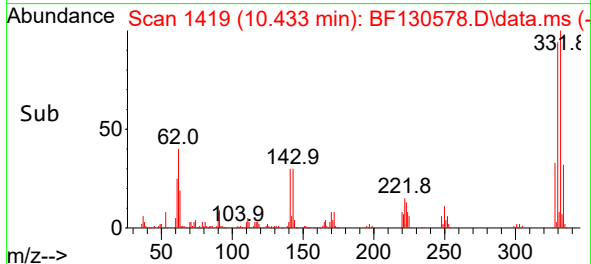
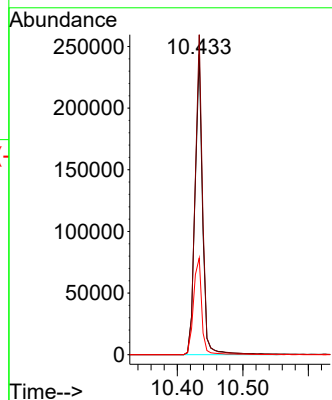


#42
2,4,6-Tribromophenol
Concen: 133.987 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF130578.D
Acq: 07 Oct 2022 16:48

Instrument :
BNA_F
ClientSampleId :
596C-2

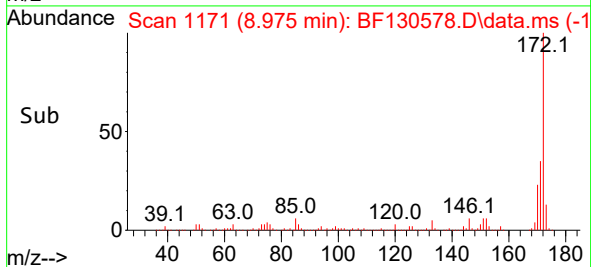
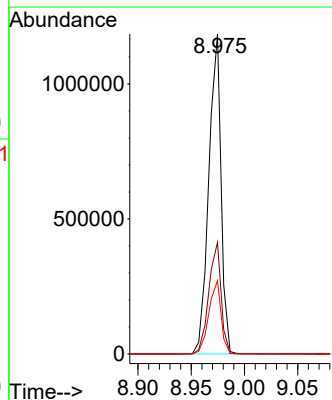
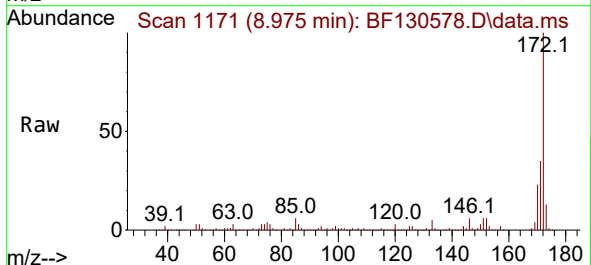


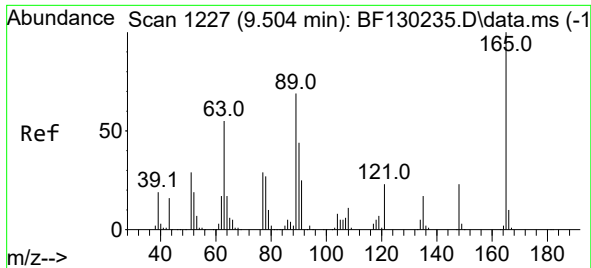
Tgt Ion:330 Resp: 196115
Ion Ratio Lower Upper
330 100
332 104.9 83.4 125.2
141 35.3 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 90.690 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF130578.D
Acq: 07 Oct 2022 16:48

Tgt Ion:172 Resp: 951343
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.0 18.7 28.1

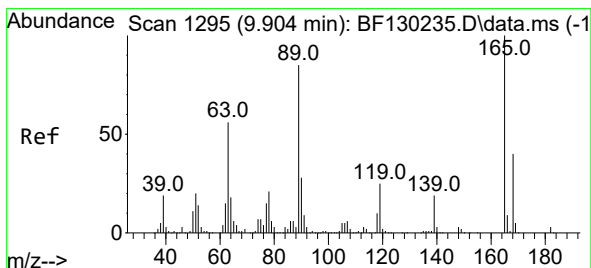
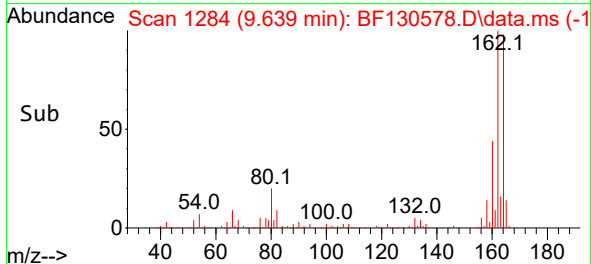
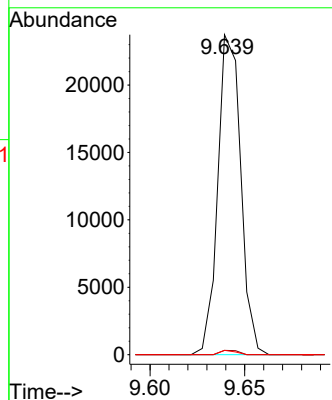
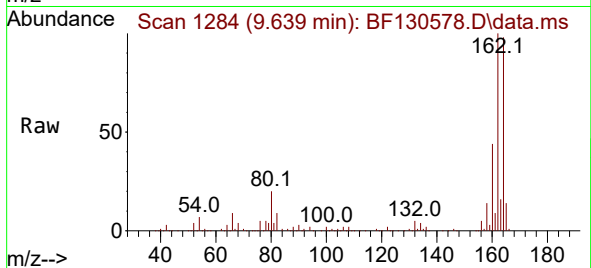




#51
2,6-Dinitrotoluene
Concen: 9.064 ng
RT: 9.639 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF130578.D
Acq: 07 Oct 2022 16:48

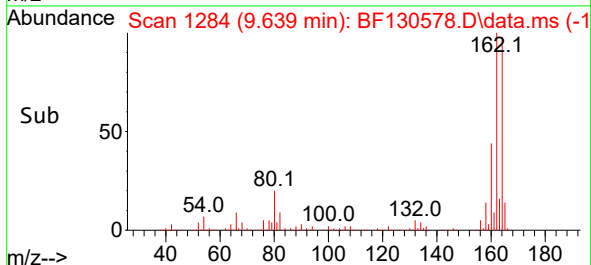
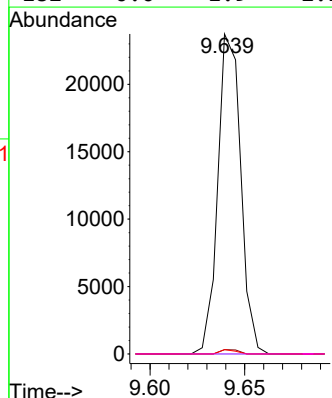
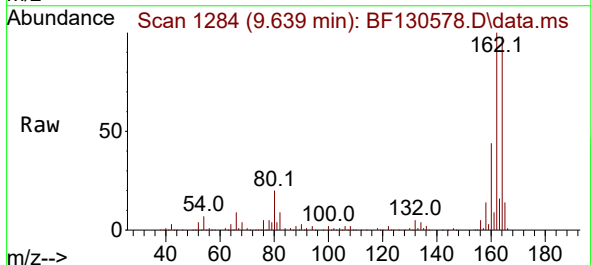
Instrument :
BNA_F
ClientSampleId :
596C-2

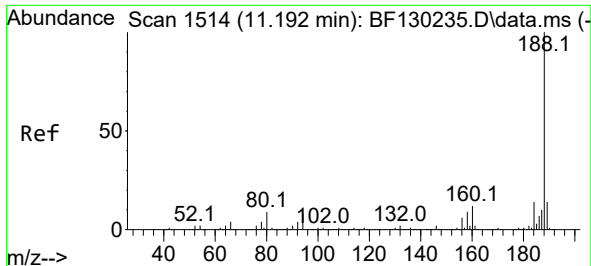
Tgt Ion:165 Resp: 20002
Ion Ratio Lower Upper
165 100
63 1.4 58.8 88.2#
89 1.3 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 7.092 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.212 min
Lab File: BF130578.D
Acq: 07 Oct 2022 16:48

Tgt Ion:165 Resp: 20002
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.3 69.0 103.4#
182 0.0 1.9 2.9#

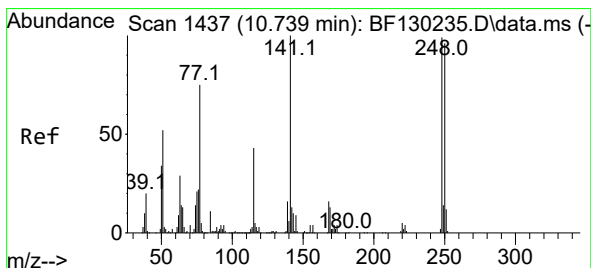
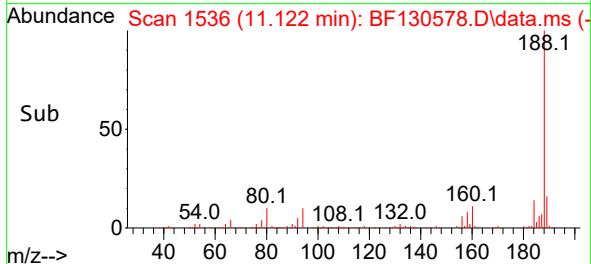
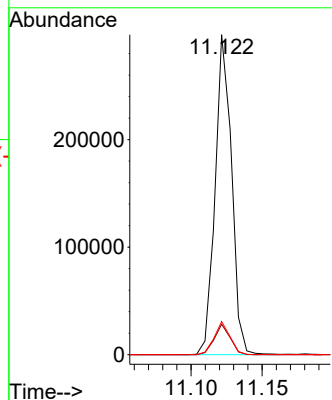
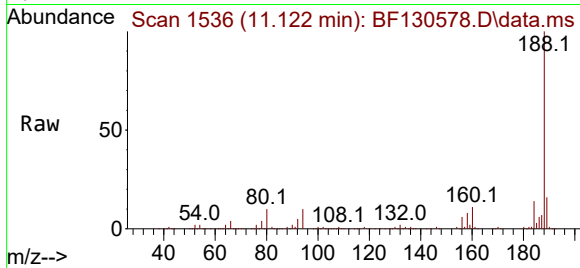




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130578.D
Acq: 07 Oct 2022 16:48

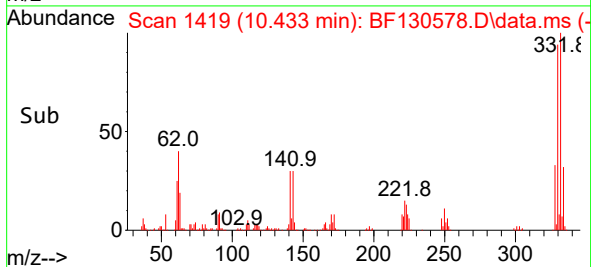
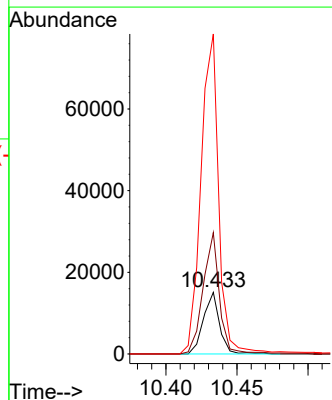
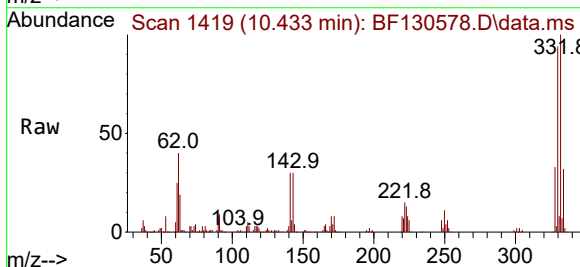
Instrument :
BNA_F
ClientSampleId :
596C-2

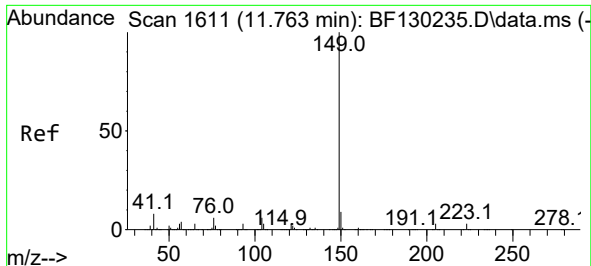
Tgt Ion:188 Resp: 238838
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.4 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.549 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.247 min
Lab File: BF130578.D
Acq: 07 Oct 2022 16:48

Tgt Ion:248 Resp: 11985
Ion Ratio Lower Upper
248 100
250 196.6 80.0 120.0#
141 518.8 68.5 102.7#

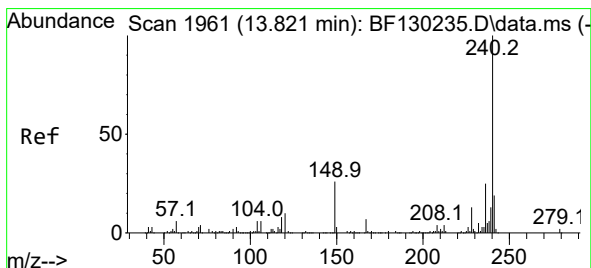
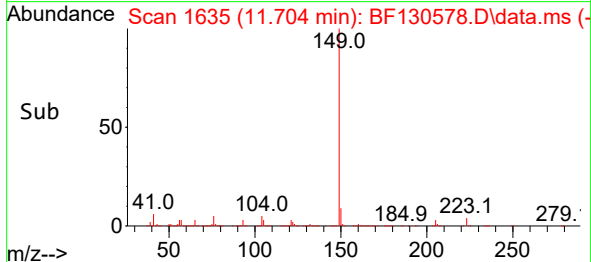
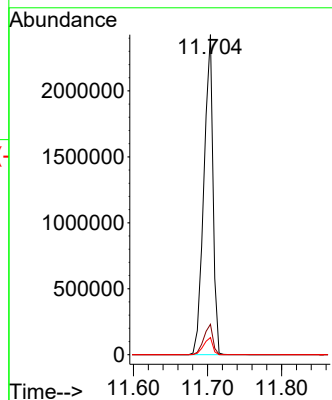
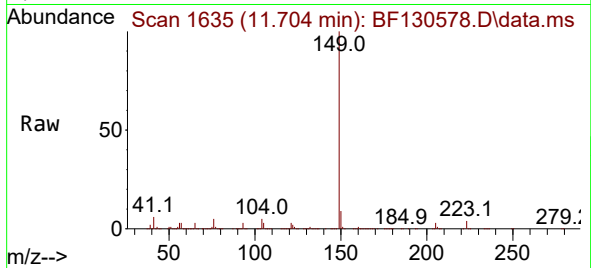




#74
Di-n-butylphthalate
Concen: 146.858 ng
RT: 11.704 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF130578.D
Acq: 07 Oct 2022 16:48

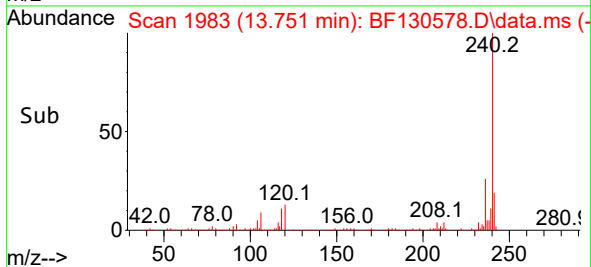
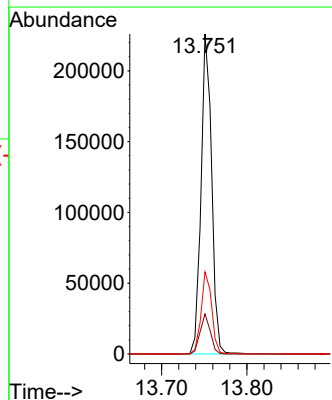
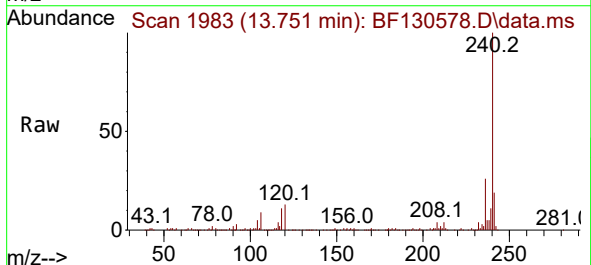
Instrument :
BNA_F
ClientSampleId :
596C-2

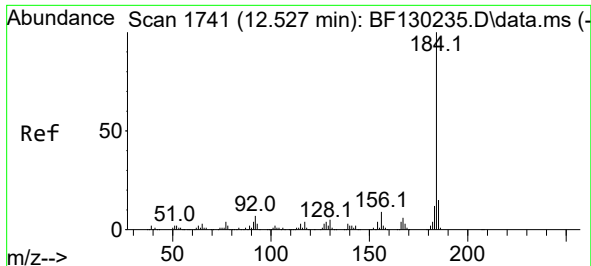
Tgt Ion:149 Resp: 2068189
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.2
104 5.4 4.8 7.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BF130578.D
Acq: 07 Oct 2022 16:48

Tgt Ion:240 Resp: 195543
Ion Ratio Lower Upper
240 100
120 12.5 8.7 13.1
236 25.7 20.9 31.3

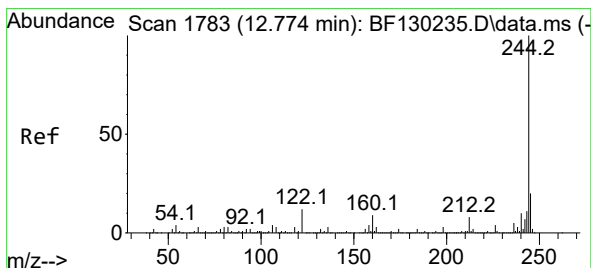
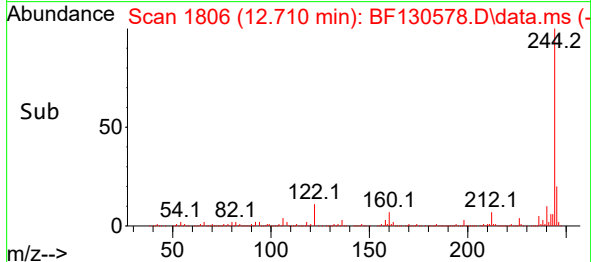
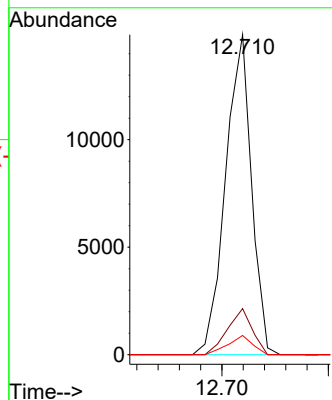
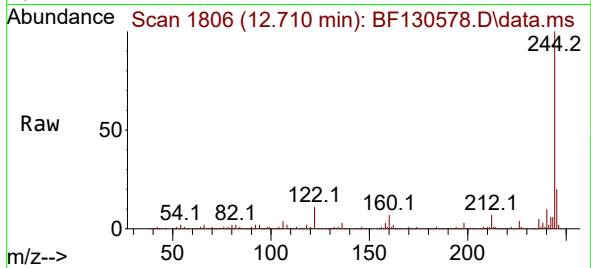




#77
Benzidine
Concen: 2.216 ng
RT: 12.710 min Scan# 1806
Delta R.T. 0.241 min
Lab File: BF130578.D
Acq: 07 Oct 2022 16:48

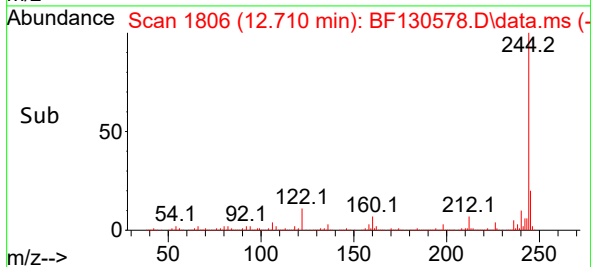
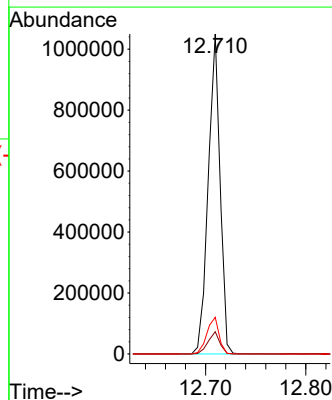
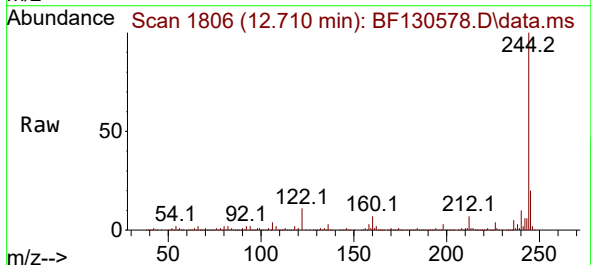
Instrument :
BNA_F
ClientSampleId :
596C-2

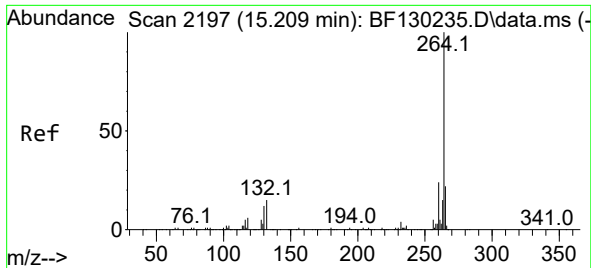
Tgt Ion:184 Resp: 12578
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.6
183 6.0 9.1 13.7#



#79
Terphenyl-d14
Concen: 73.365 ng
RT: 12.710 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BF130578.D
Acq: 07 Oct 2022 16:48

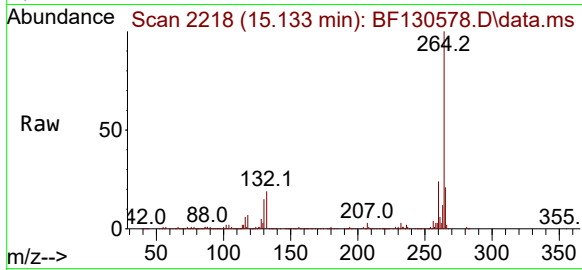
Tgt Ion:244 Resp: 866048
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 11.5 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.133 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF130578.D
 Acq: 07 Oct 2022 16:48

Instrument :
 BNA_F
 ClientSampleId :
 596C-2



Tgt Ion:264 Resp: 239468
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 21.4 17.0 25.4

