

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122422\
 Data File : BF131830.D
 Acq On : 24 Dec 2022 18:07
 Operator : CG\JU
 Sample : PB149872BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149872BL

Quant Time: Dec 26 05:34:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

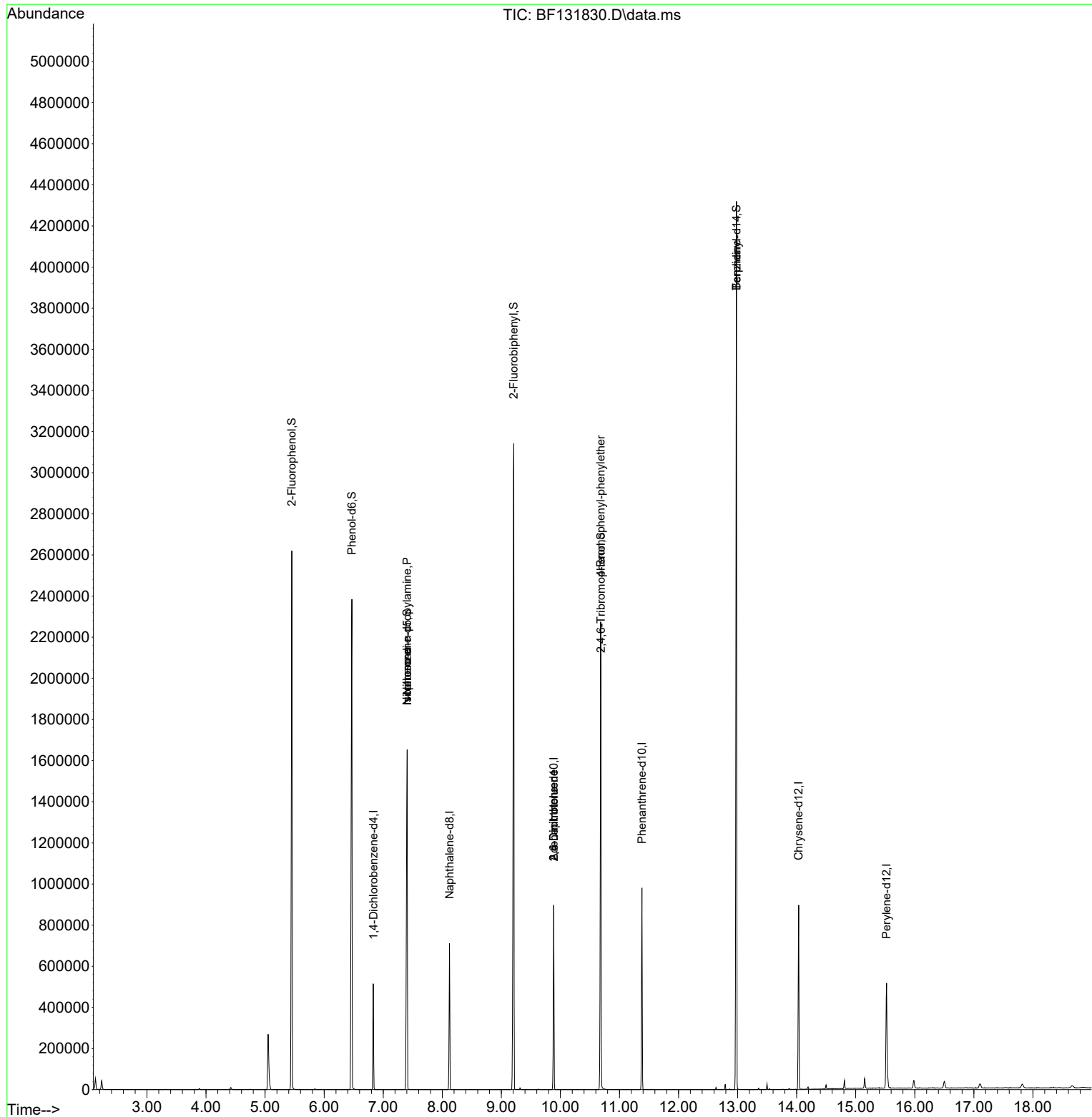
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	74790	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	282146	20.000	ng	0.00
39) Acenaphthene-d10	9.887	164	169848	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	335970	20.000	ng	0.00
76) Chrysene-d12	14.034	240	292295	20.000	ng	0.00
86) Perylene-d12	15.522	264	231205	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	692675	153.485	ng	0.01
7) Phenol-d6	6.469	99	892311	150.494	ng	0.00
23) Nitrobenzene-d5	7.405	82	623366	88.211	ng	0.00
42) 2,4,6-Tribromophenol	10.687	330	275770	149.436	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1108763	89.416	ng	0.00
79) Terphenyl-d14	12.981	244	1494185	86.469	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.405	70	86724	20.710	ng	# 79
25) Isophorone	7.405	82	622609	53.949	ng	# 69
51) 2,6-Dinitrotoluene	9.887	165	22428	8.063	ng	# 17
57) 2,4-Dinitrotoluene	9.887	165	22428	5.896	ng	# 17
67) 4-Bromophenyl-phenylether	10.681	248	19094	4.904	ng	# 1
77) Benzidine	12.981	184	22651	4.716	ng	# 93

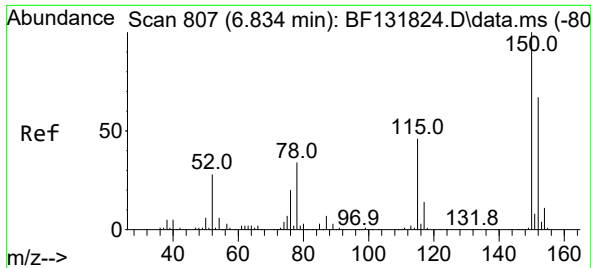
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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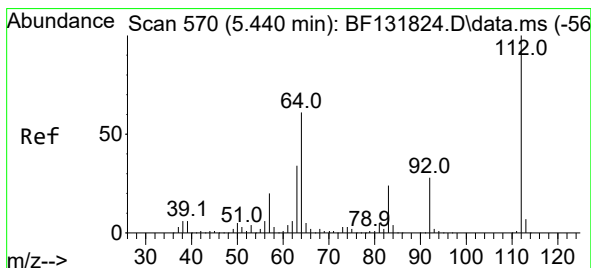
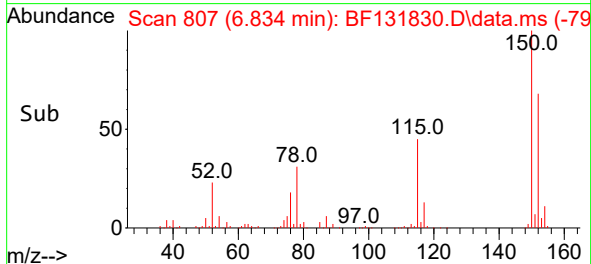
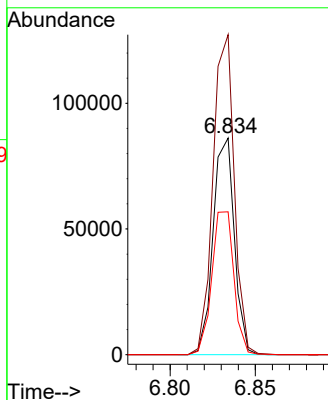
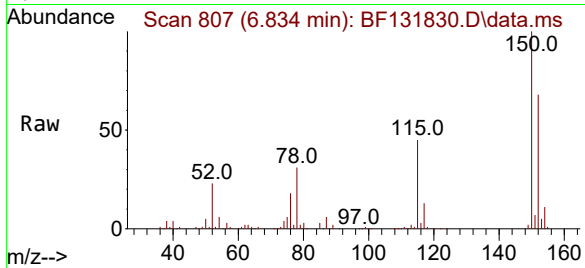




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 807
 Delta R.T. -0.000 min
 Lab File: BF131830.D
 Acq: 24 Dec 2022 18:07

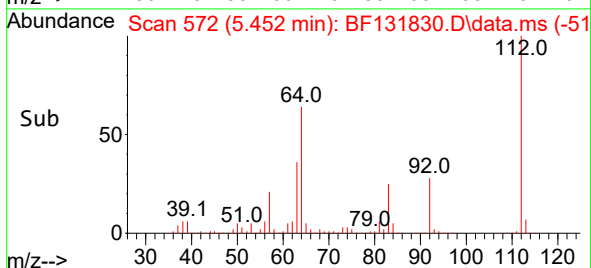
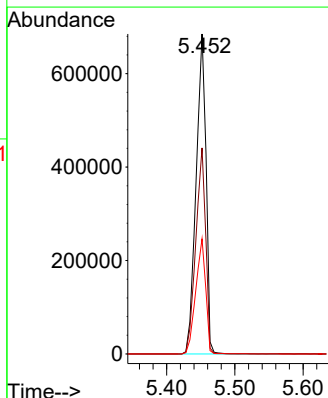
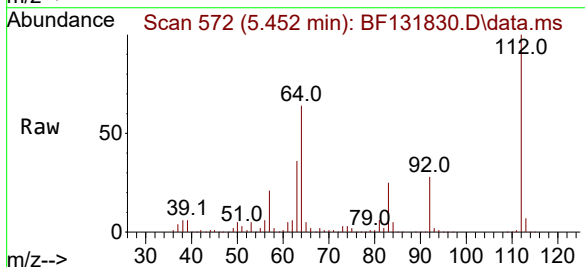
Instrument :
 BNA_F
 ClientSampleId :
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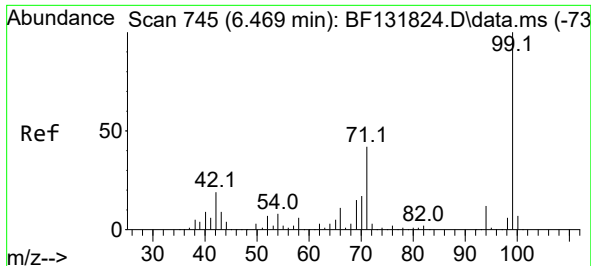
Tgt Ion:152 Resp: 74790
 Ion Ratio Lower Upper
 152 100
 150 147.7 120.0 180.0
 115 66.0 55.1 82.7



#5
 2-Fluorophenol
 Concen: 153.485 ng
 RT: 5.452 min Scan# 572
 Delta R.T. 0.012 min
 Lab File: BF131830.D
 Acq: 24 Dec 2022 18:07

Tgt Ion:112 Resp: 692675
 Ion Ratio Lower Upper
 112 100
 64 64.4 49.2 73.8
 63 36.0 27.5 41.3

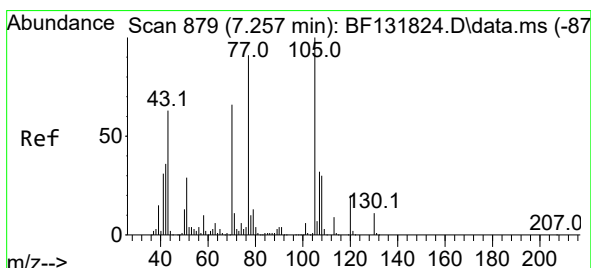
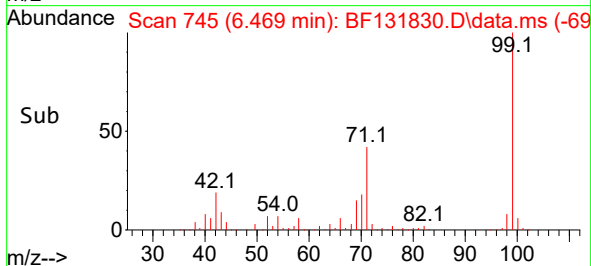
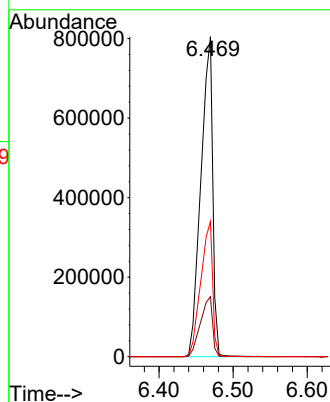
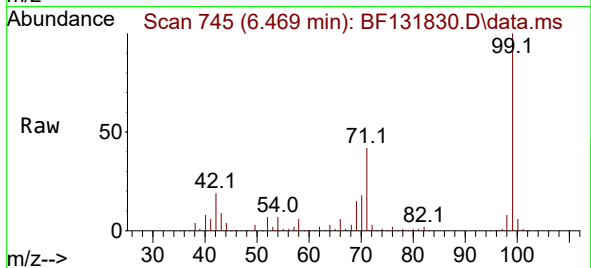




#7
Phenol-d6
Concen: 150.494 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF131830.D
Acq: 24 Dec 2022 18:07

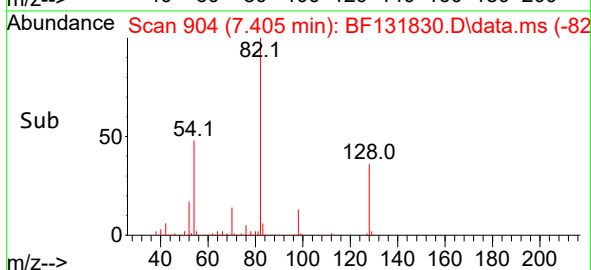
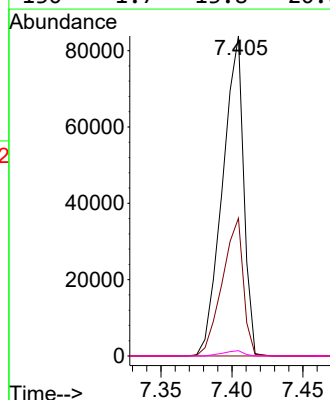
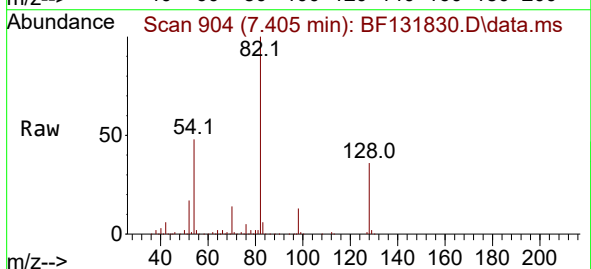
Instrument :
BNA_F
ClientSampleId :
PB149872BL

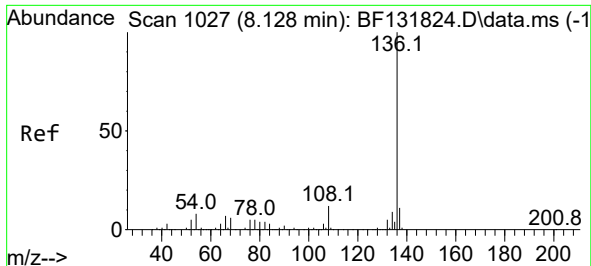
Tgt Ion: 99 Resp: 892311
Ion Ratio Lower Upper
99 100
42 18.8 15.3 22.9
71 42.3 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.710 ng
RT: 7.405 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF131830.D
Acq: 24 Dec 2022 18:07

Tgt Ion: 70 Resp: 86724
Ion Ratio Lower Upper
70 100
42 43.1 43.8 65.6#
101 0.0 7.4 11.0#
130 1.7 13.8 20.6#

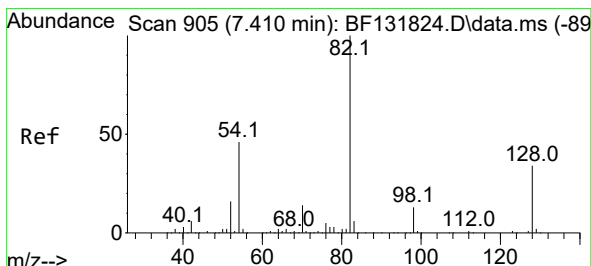
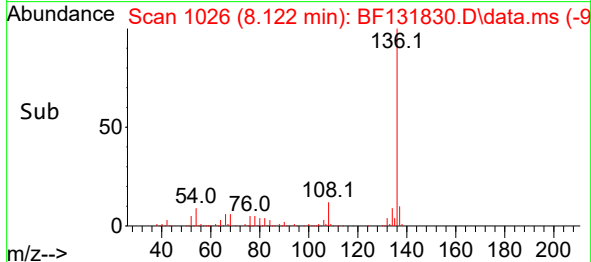
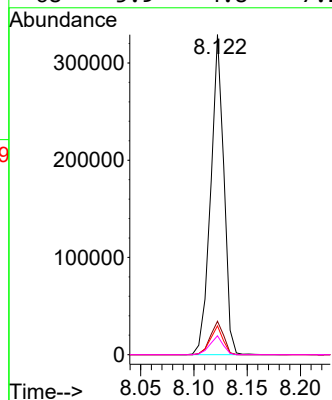
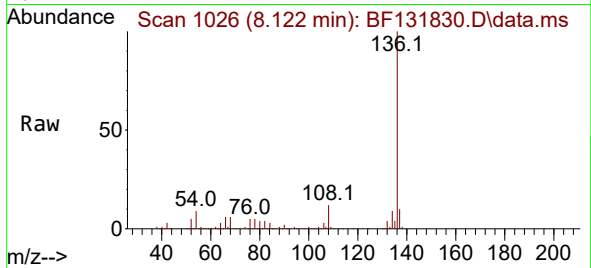




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131830.D
Acq: 24 Dec 2022 18:07

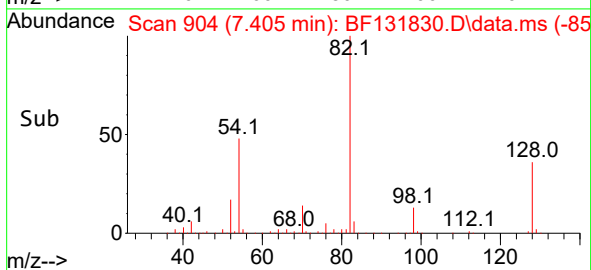
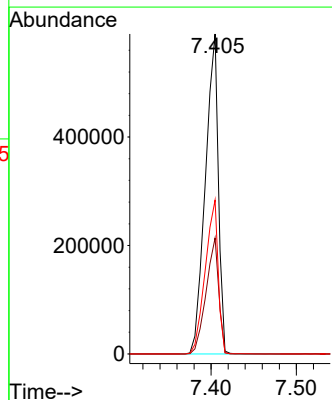
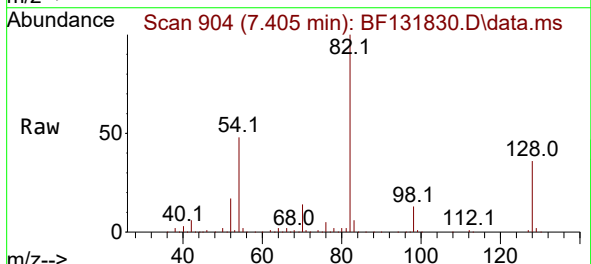
Instrument :
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ClientSampleId :
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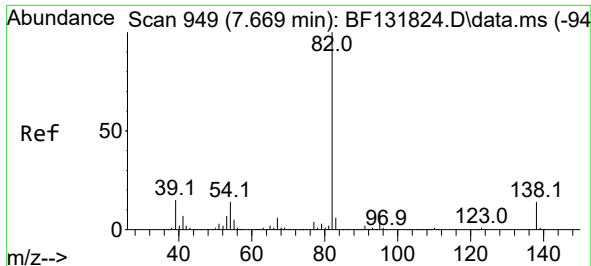
Tgt Ion:136	Resp: 282146
Ion Ratio	Lower Upper
136 100	
137 10.5	8.6 12.8
54 9.0	6.7 10.1
68 5.9	4.8 7.2



#23
Nitrobenzene-d5
Concen: 88.211 ng
RT: 7.405 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF131830.D
Acq: 24 Dec 2022 18:07

Tgt Ion: 82	Resp: 623366
Ion Ratio	Lower Upper
82 100	
128 36.2	27.1 40.7
54 48.1	37.0 55.6

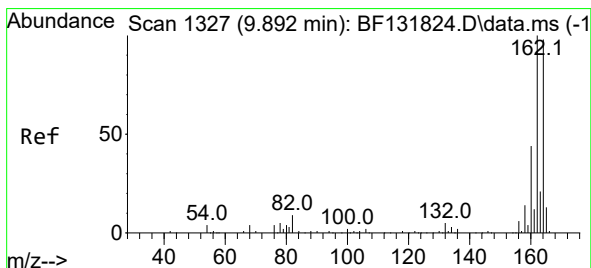
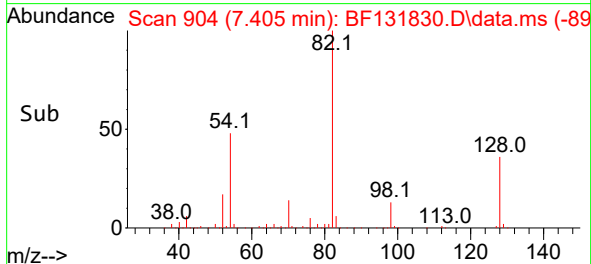
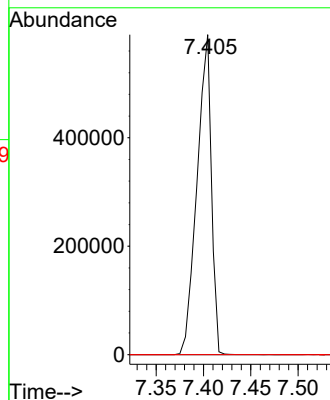
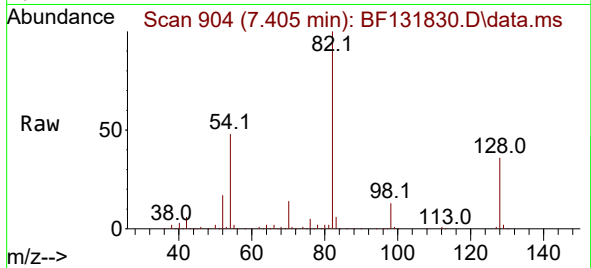




#25
Isophorone
Concen: 53.949 ng
RT: 7.405 min Scan# 904
Delta R.T. -0.264 min
Lab File: BF131830.D
Acq: 24 Dec 2022 18:07

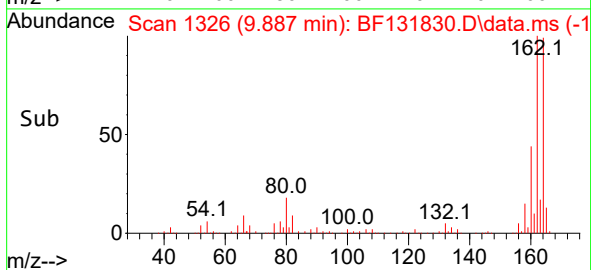
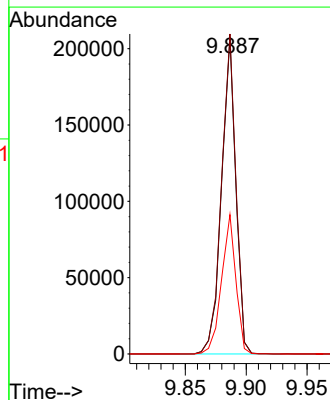
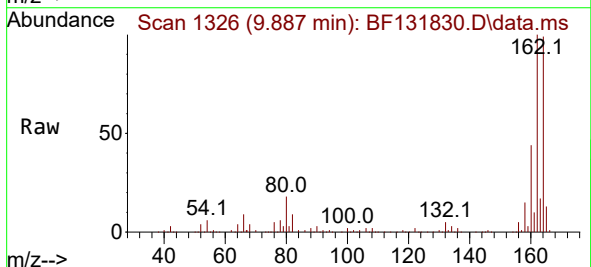
Instrument :
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ClientSampleId :
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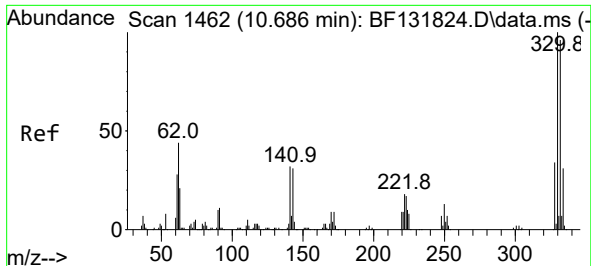
Tgt Ion: 82 Resp: 622609
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF131830.D
Acq: 24 Dec 2022 18:07

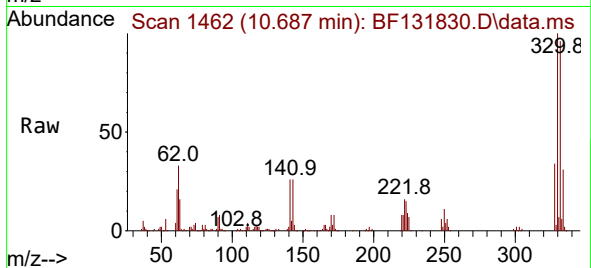
Tgt Ion:164 Resp: 169848
Ion Ratio Lower Upper
164 100
162 101.0 81.8 122.6
160 44.0 35.7 53.5



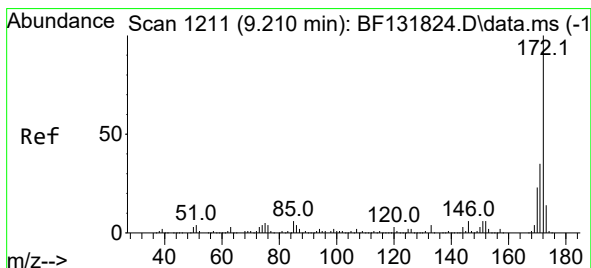
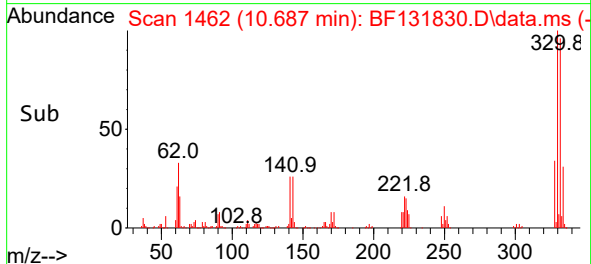
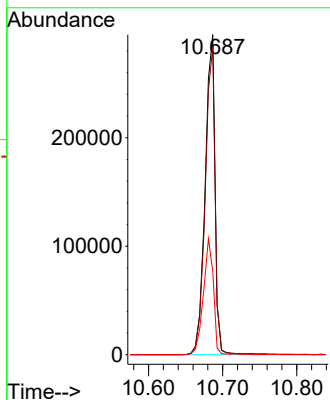


#42
2,4,6-Tribromophenol
Concen: 149.436 ng
RT: 10.687 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF131830.D
Acq: 24 Dec 2022 18:07

Instrument :
BNA_F
ClientSampleId :
PB149872BL

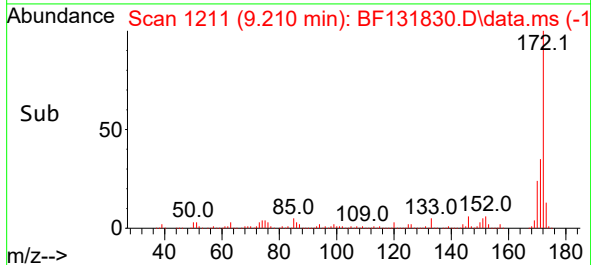
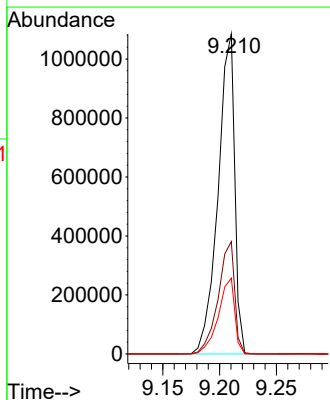
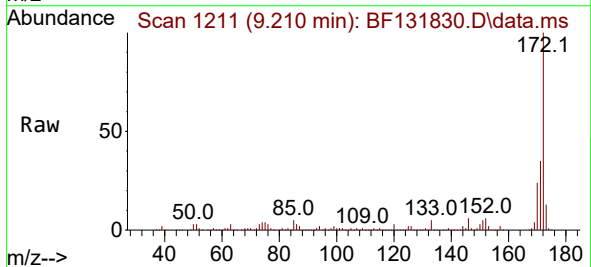


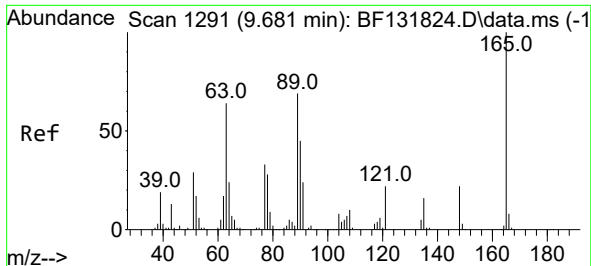
Tgt Ion: 330 Resp: 275770
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.4
141 36.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 89.416 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF131830.D
Acq: 24 Dec 2022 18:07

Tgt Ion: 172 Resp: 1108763
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.7 18.7 28.1

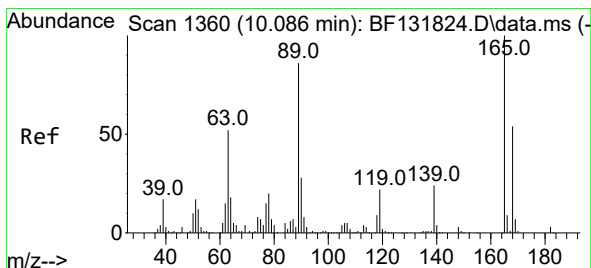
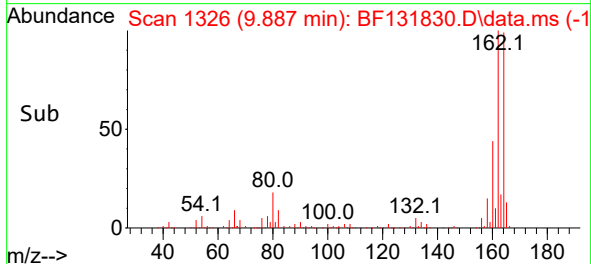
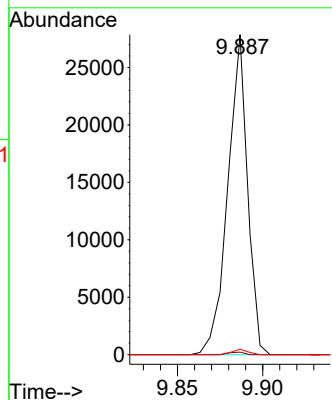
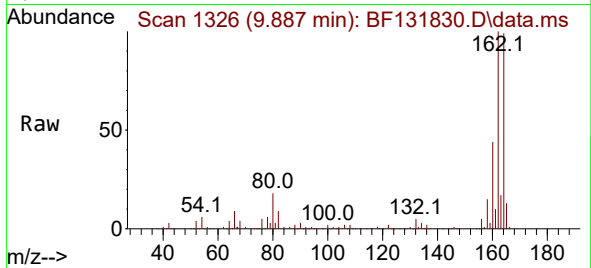




#51
2,6-Dinitrotoluene
Concen: 8.063 ng
RT: 9.887 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131830.D
Acq: 24 Dec 2022 18:07

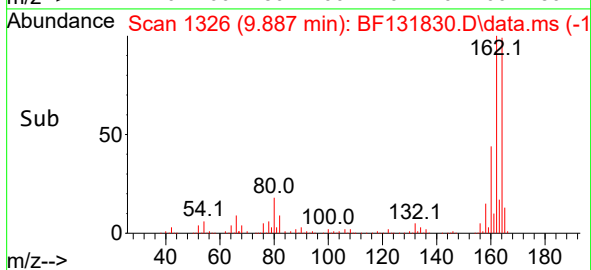
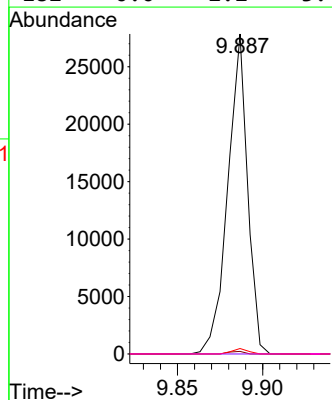
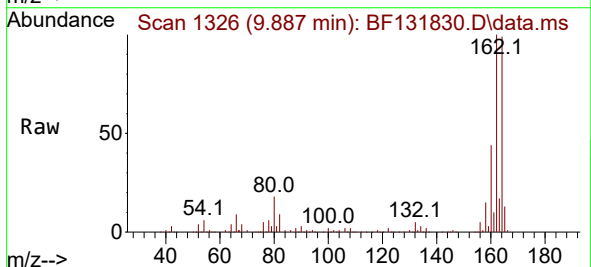
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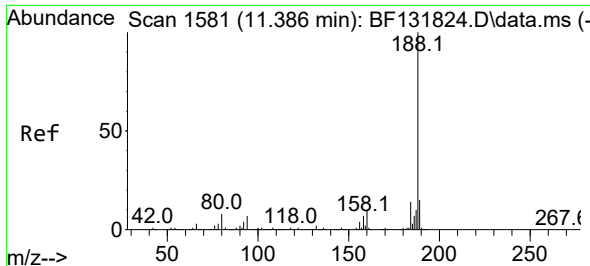
Tgt Ion:165 Resp: 22428
Ion Ratio Lower Upper
165 100
63 0.8 55.1 82.7#
89 1.7 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.896 ng
RT: 9.887 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF131830.D
Acq: 24 Dec 2022 18:07

Tgt Ion:165 Resp: 22428
Ion Ratio Lower Upper
165 100
63 0.8 42.1 63.1#
89 1.7 69.1 103.7#
182 0.0 2.2 3.4#

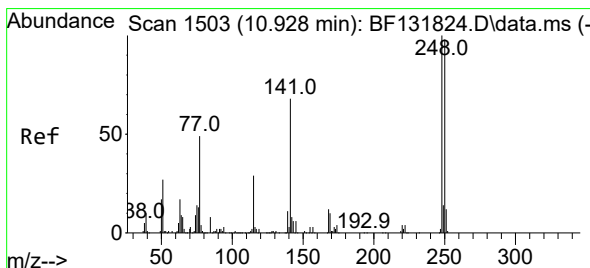
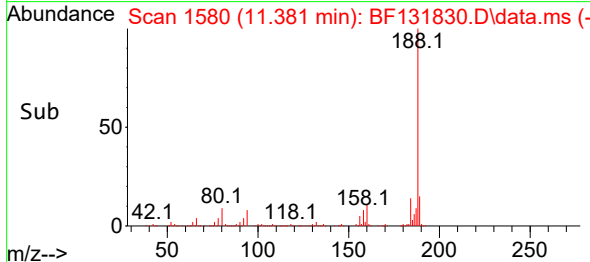
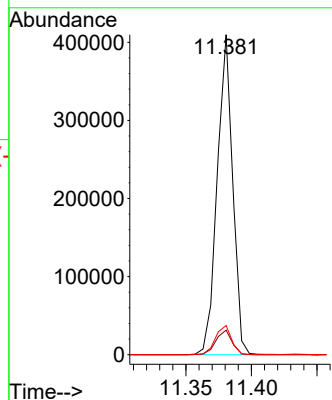
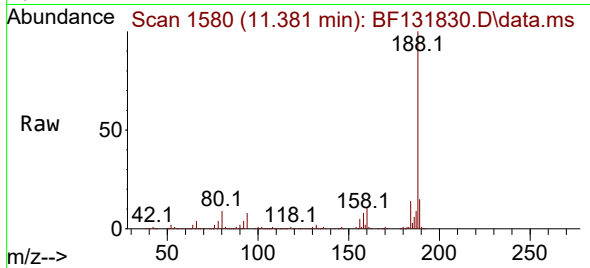




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.381 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF131830.D
Acq: 24 Dec 2022 18:07

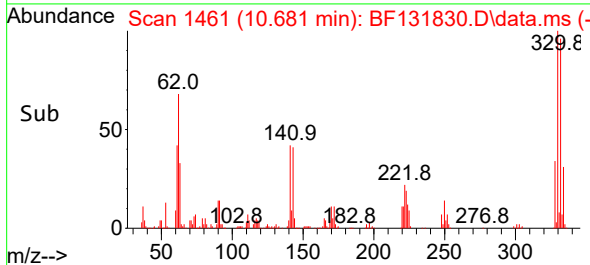
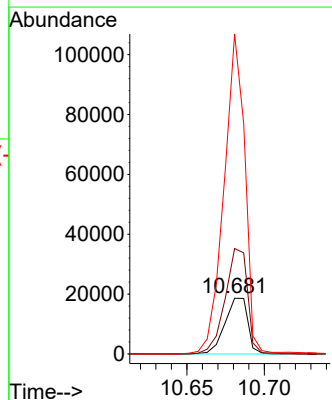
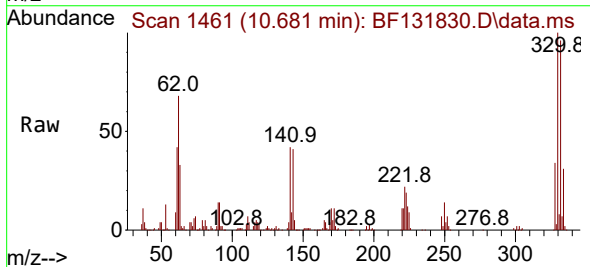
Instrument :
BNA_F
ClientSampleId :
PB149872BL

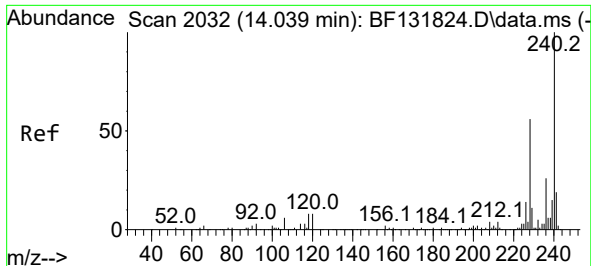
Tgt Ion:188 Resp: 335970
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.6
80 9.1 6.7 10.1



#67
4-Bromophenyl-phenylether
Concen: 4.904 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF131830.D
Acq: 24 Dec 2022 18:07

Tgt Ion:248 Resp: 19094
Ion Ratio Lower Upper
248 100
250 189.0 78.0 117.0#
141 574.1 54.8 82.2#

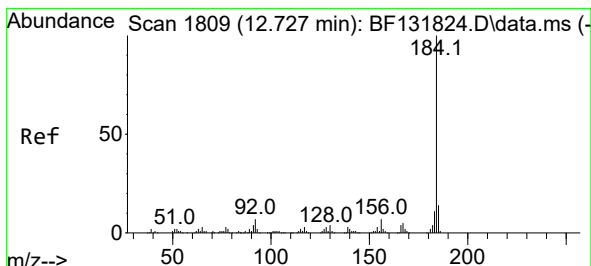
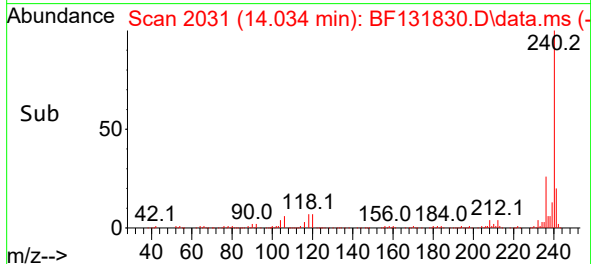
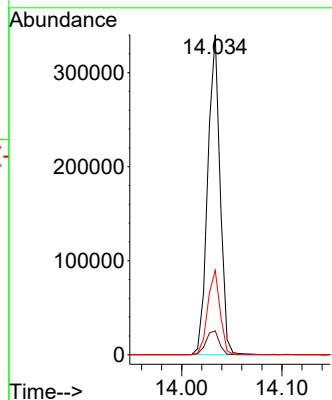
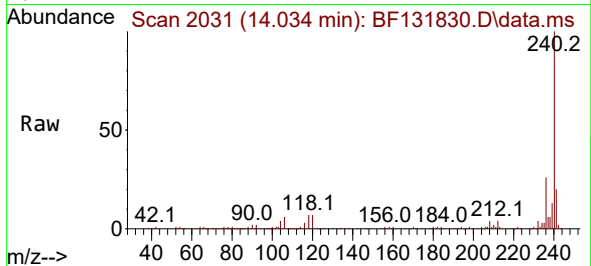




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.034 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF131830.D
Acq: 24 Dec 2022 18:07

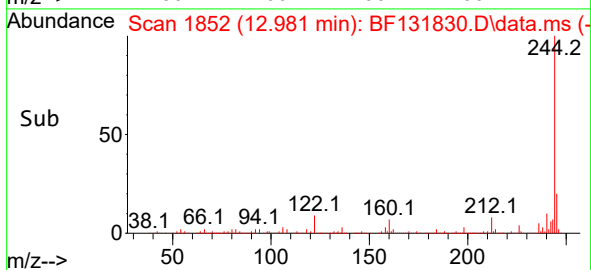
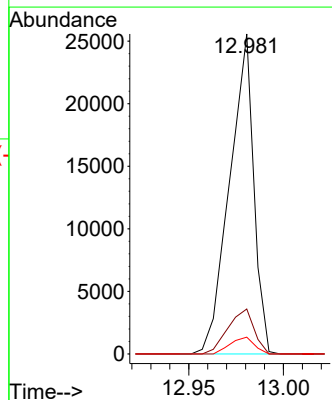
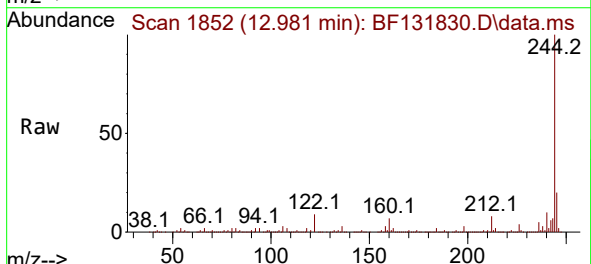
Instrument :
BNA_F
ClientSampleId :
PB149872BL

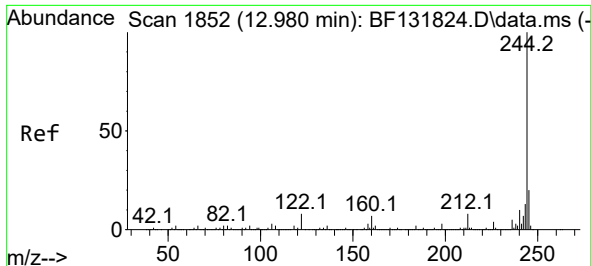
Tgt Ion:240 Resp: 292295
Ion Ratio Lower Upper
240 100
120 7.4 6.7 10.1
236 26.4 20.6 31.0



#77
Benzidine
Concen: 4.716 ng
RT: 12.981 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF131830.D
Acq: 24 Dec 2022 18:07

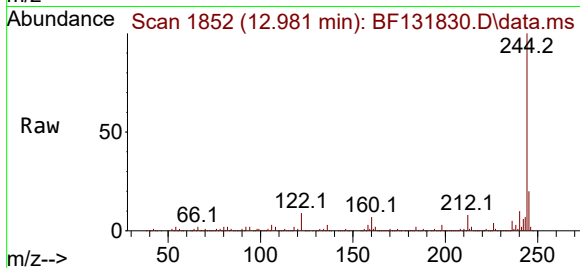
Tgt Ion:184 Resp: 22651
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 5.3 9.0 13.4#





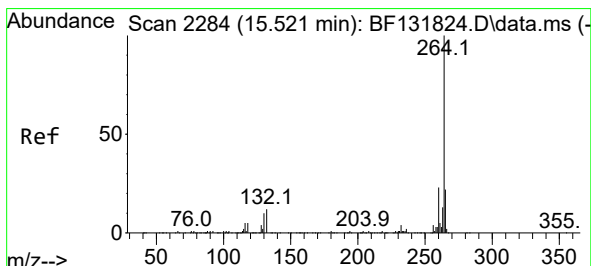
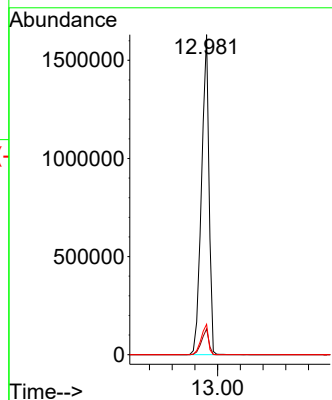
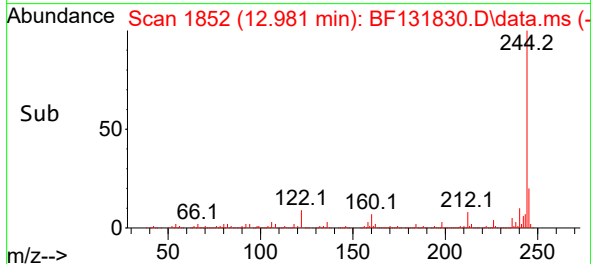
#79
 Terphenyl-d14
 Concen: 86.469 ng
 RT: 12.981 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF131830.D
 Acq: 24 Dec 2022 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB149872BL



Tgt Ion:244 Resp: 1494185

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	9.5	6.4	9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.522 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF131830.D
 Acq: 24 Dec 2022 18:07

Tgt Ion:264 Resp: 231205

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	28.0
265	21.3	17.4	26.0

