

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130846.D
 Acq On : 29 Oct 2022 02:58
 Operator : CG\JU
 Sample : N5292-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 251032-3

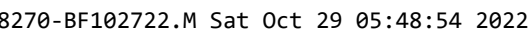
Quant Time: Oct 29 05:48:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

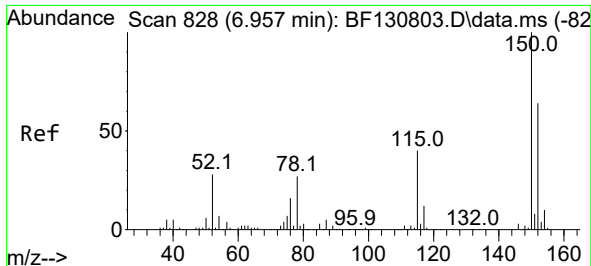
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	100232	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	381215	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	208367	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	380038	20.000	ng	0.00
76) Chrysene-d12	14.127	240	260843	20.000	ng	0.00
86) Perylene-d12	15.639	264	187150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	369714	63.946	ng	0.00
7) Phenol-d6	6.551	99	281294	37.440	ng	-0.01
23) Nitrobenzene-d5	7.510	82	713520	112.861	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	274890	156.719	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1294699	93.942	ng	0.00
79) Terphenyl-d14	13.074	244	1235375	86.787	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.510	70	100219	19.605	ng	# 77
25) Isophorone	7.510	82	713443	54.724	ng	# 66
48) 2-Nitroaniline	9.416	65	6756	5.759	ng	# 19
50) Dimethylphthalate	9.698	163	33815	2.363	ng	# 99
51) 2,6-Dinitrotoluene	9.992	165	26668	12.021	ng	# 14
57) 2,4-Dinitrotoluene	9.992	165	26668	10.906	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.780	198	861	8.381	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	18051	4.723	ng	# 1
77) Benzidine	13.074	184	19335	3.054	ng	# 93

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

Quant Time: Oct 29 05:48:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 05:41:34 2022
Response via : Initial Calibration

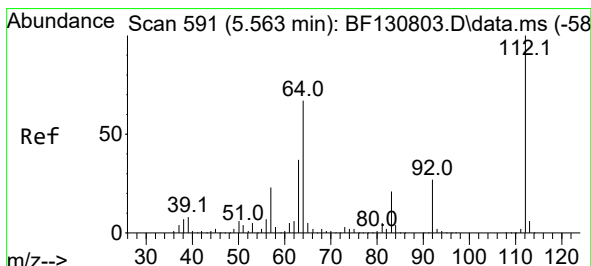
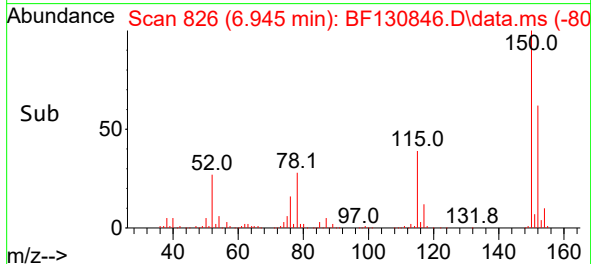
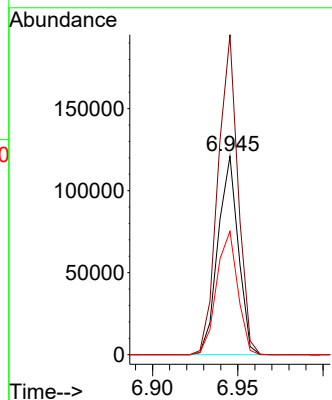
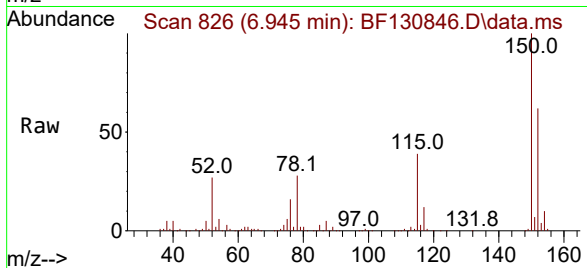




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130846.D
Acq: 29 Oct 2022 02:58

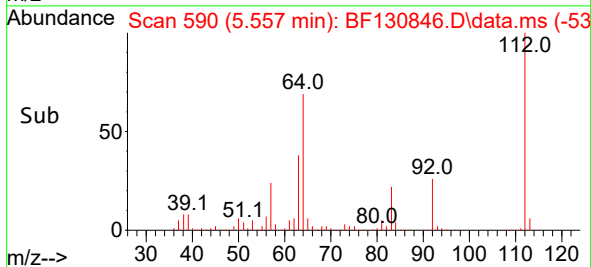
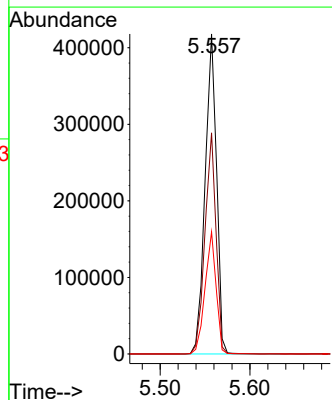
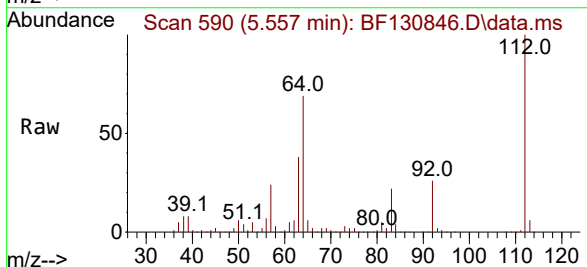
Instrument :
BNA_F
ClientSampleId :
251032-3

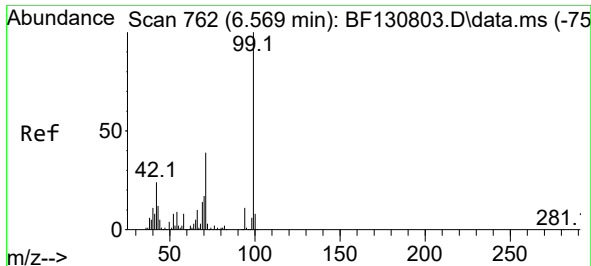
Tgt Ion:152 Resp: 100232
Ion Ratio Lower Upper
152 100
150 161.3 124.1 186.1
115 62.2 50.1 75.1



#5
2-Fluorophenol
Concen: 63.946 ng
RT: 5.557 min Scan# 590
Delta R.T. -0.000 min
Lab File: BF130846.D
Acq: 29 Oct 2022 02:58

Tgt Ion:112 Resp: 369714
Ion Ratio Lower Upper
112 100
64 69.1 53.9 80.9
63 38.2 29.4 44.2





#7
Phenol-d6
Concen: 37.440 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130846.D
Acq: 29 Oct 2022 02:58

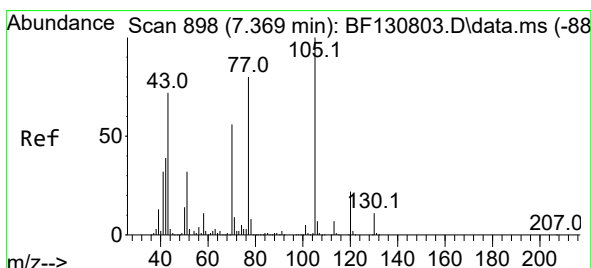
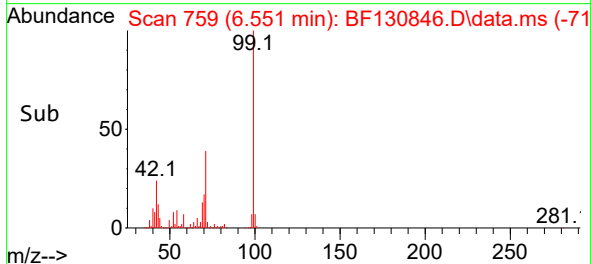
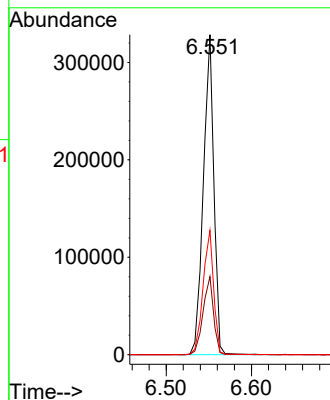
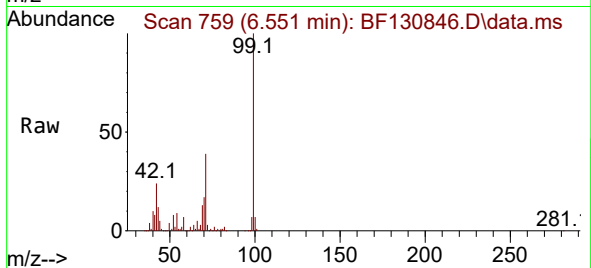
Instrument :

BNA_F

ClientSampleId :

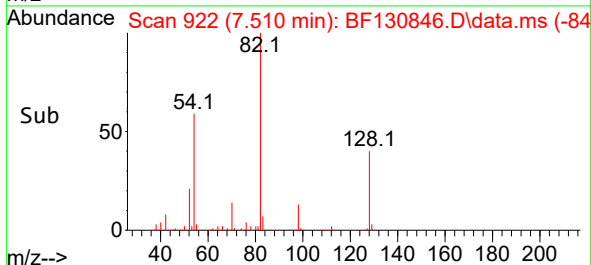
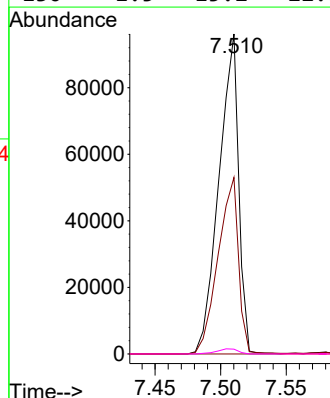
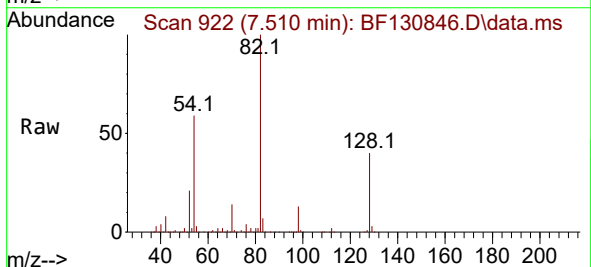
251032-3

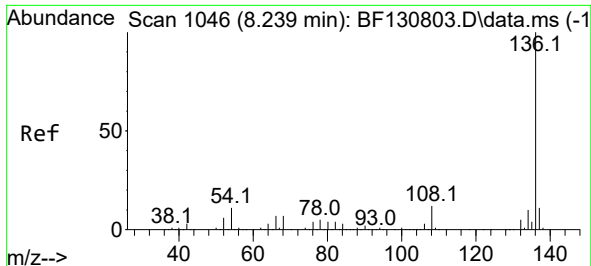
Tgt Ion: 99 Resp: 281294
Ion Ratio Lower Upper
99 100
42 24.4 18.8 28.2
71 38.9 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.605 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF130846.D
Acq: 29 Oct 2022 02:58

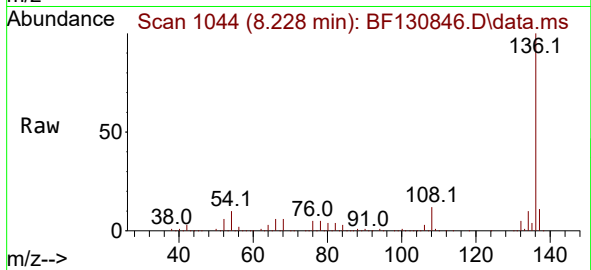
Tgt Ion: 70 Resp: 100219
Ion Ratio Lower Upper
70 100
42 55.2 56.1 84.1#
101 0.0 7.3 10.9#
130 1.5 15.2 22.8#



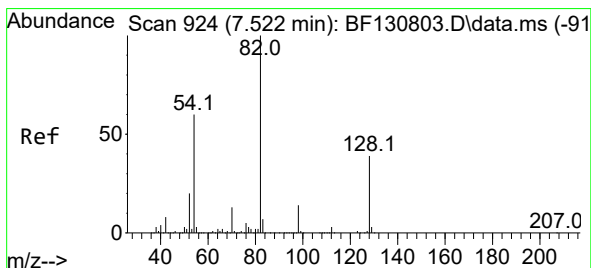
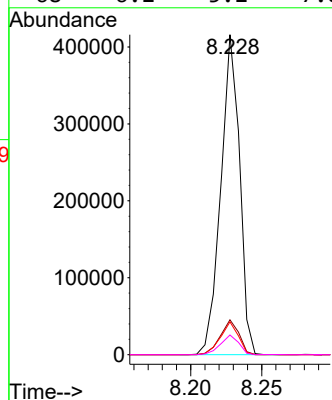
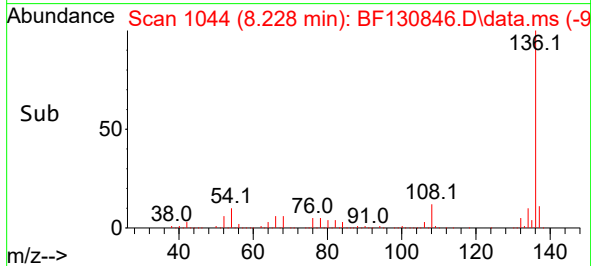


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130846.D
Acq: 29 Oct 2022 02:58

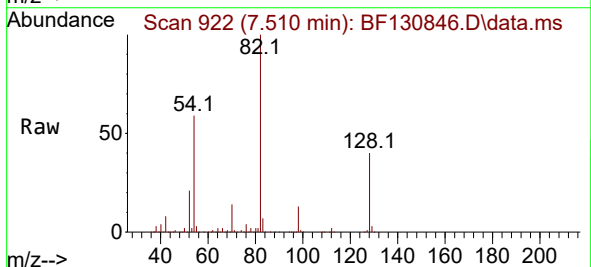
Instrument :
BNA_F
ClientSampleId :
251032-3



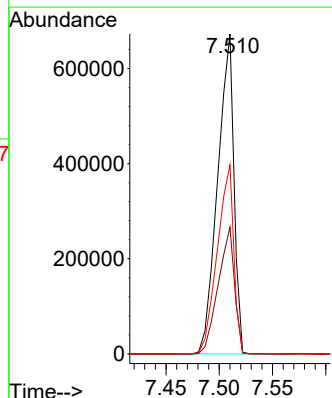
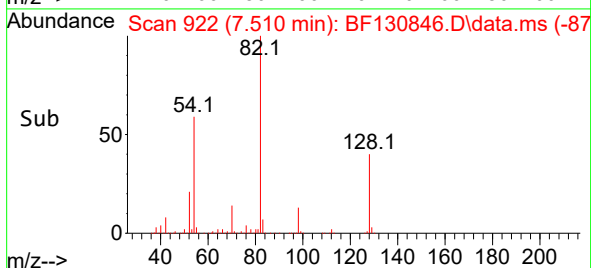
Tgt Ion:136 Resp: 381215
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 10.3 8.8 13.2
68 6.2 5.2 7.8

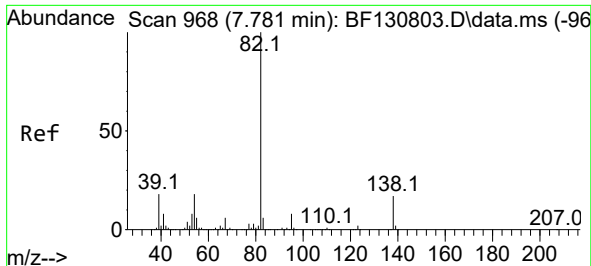


#23
Nitrobenzene-d5
Concen: 112.861 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF130846.D
Acq: 29 Oct 2022 02:58



Tgt Ion: 82 Resp: 713520
Ion Ratio Lower Upper
82 100
128 39.7 31.2 46.8
54 59.1 48.0 72.0

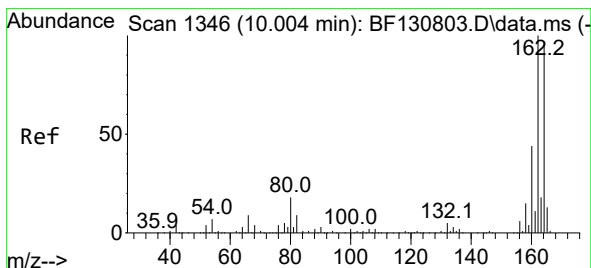
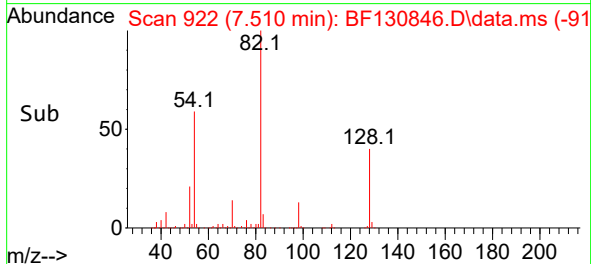
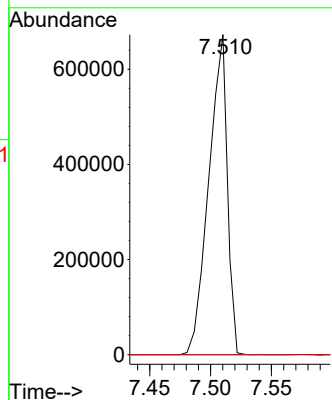
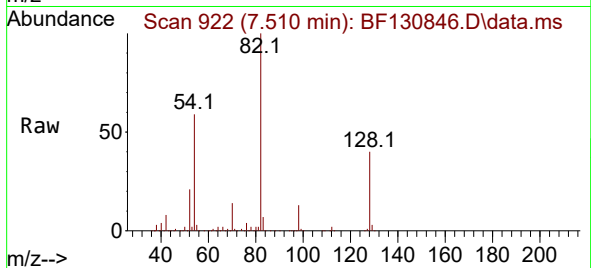




#25
Isophorone
Concen: 54.724 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF130846.D
Acq: 29 Oct 2022 02:58

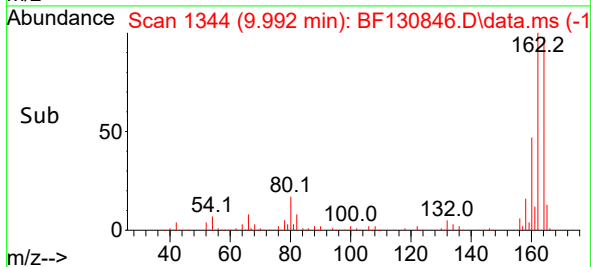
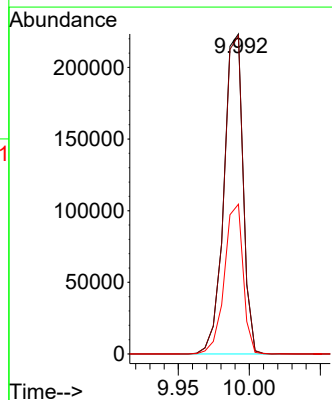
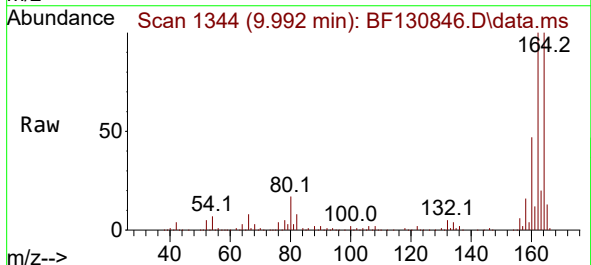
Instrument :
BNA_F
ClientSampleId :
251032-3

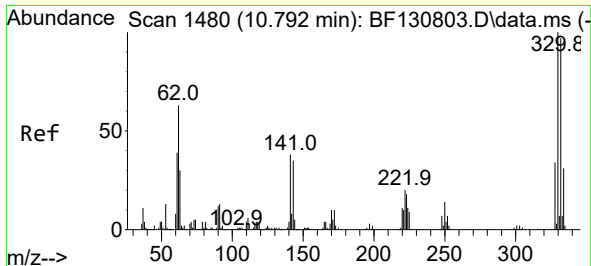
Tgt Ion: 82 Resp: 713443
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BF130846.D
Acq: 29 Oct 2022 02:58

Tgt Ion: 164 Resp: 208367
Ion Ratio Lower Upper
164 100
162 99.6 82.2 123.2
160 46.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 156.719 ng

RT: 10.780 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130846.D

Acq: 29 Oct 2022 02:58

Instrument :

BNA_F

ClientSampleId :

251032-3

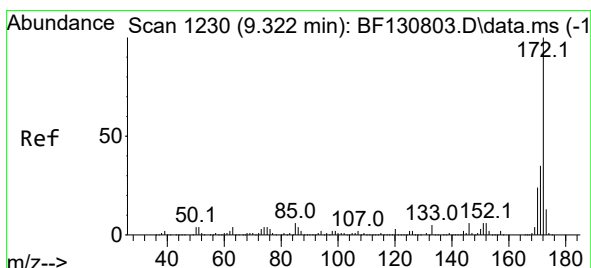
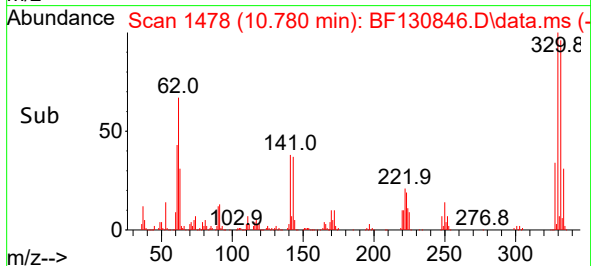
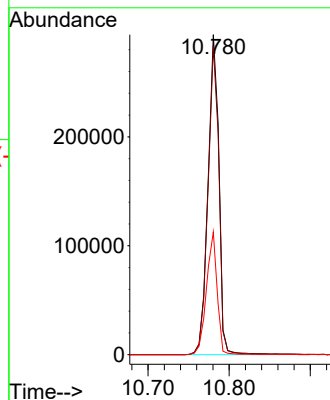
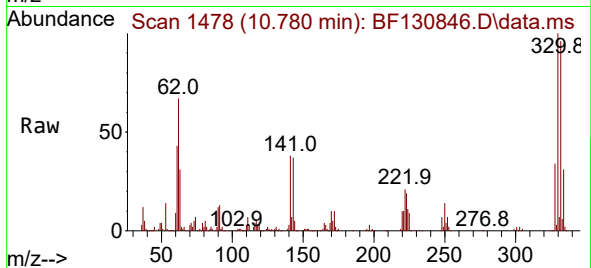
Tgt Ion:330 Resp: 274890

Ion Ratio Lower Upper

330 100

332 96.2 76.2 114.4

141 37.5 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 93.942 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF130846.D

Acq: 29 Oct 2022 02:58

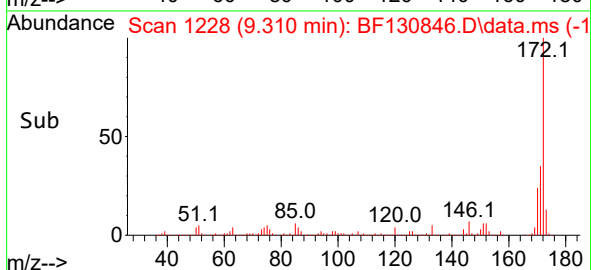
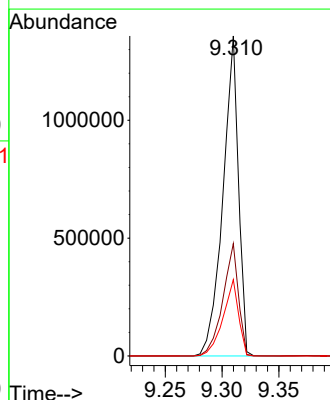
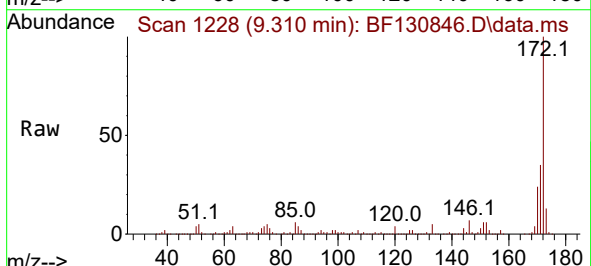
Tgt Ion:172 Resp: 1294699

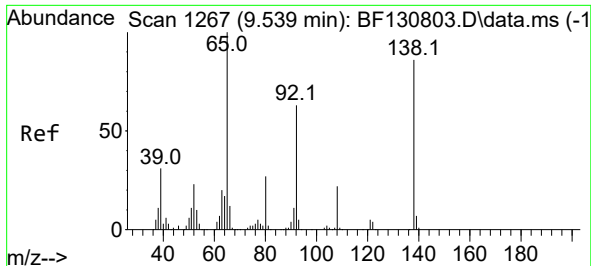
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.8 19.0 28.4





#48

2-Nitroaniline

Concen: 5.759 ng

RT: 9.416 min Scan# 11

Delta R.T. -0.118 min

Lab File: BF130846.D

Acq: 29 Oct 2022 02:58

Instrument :

BNA_F

ClientSampleId :

251032-3

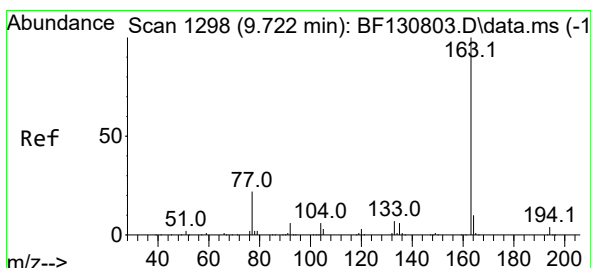
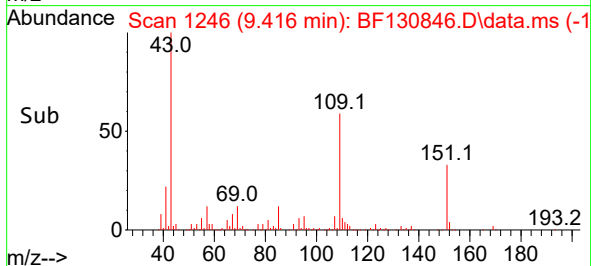
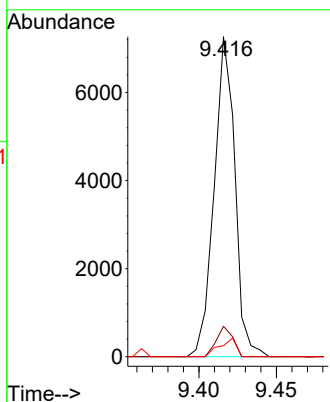
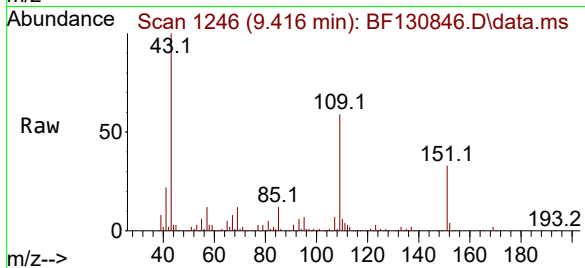
Tgt Ion: 65 Resp: 6756

Ion Ratio Lower Upper

65 100

92 9.5 50.1 75.1#

138 3.4 69.2 103.8#



#50

Dimethylphthalate

Concen: 2.363 ng

RT: 9.698 min Scan# 1294

Delta R.T. -0.018 min

Lab File: BF130846.D

Acq: 29 Oct 2022 02:58

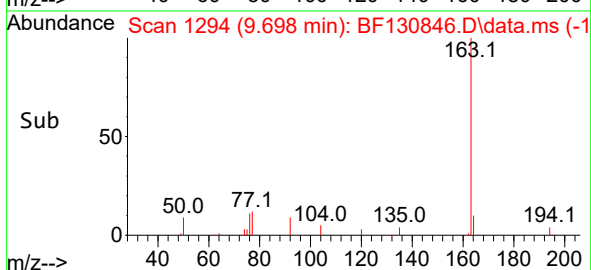
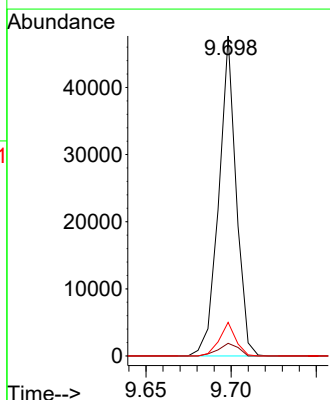
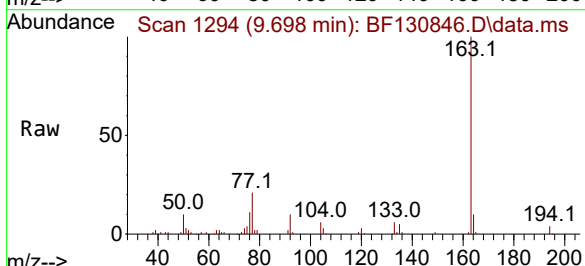
Tgt Ion: 163 Resp: 33815

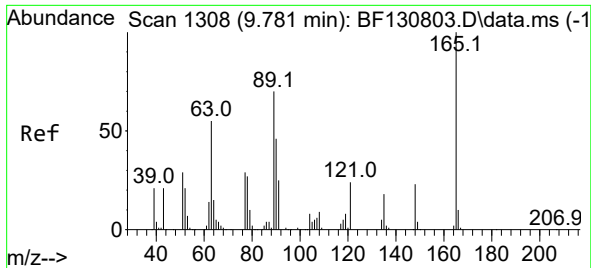
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.5 8.0 12.0

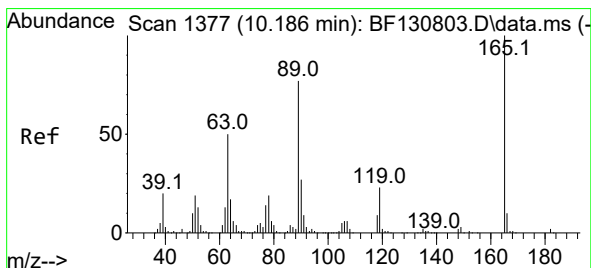
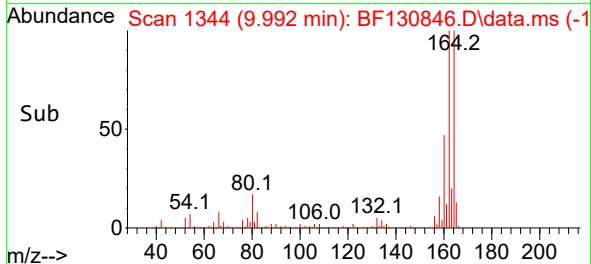
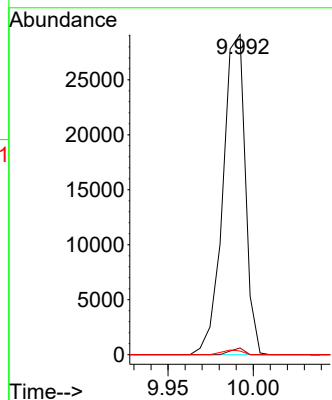
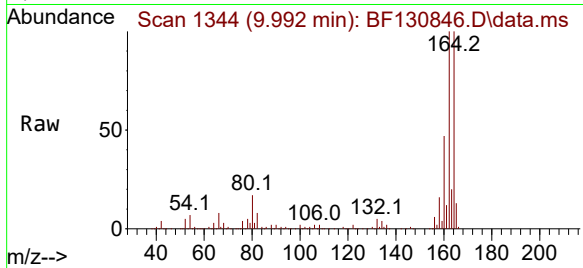




#51
2,6-Dinitrotoluene
Concen: 12.021 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.218 min
Lab File: BF130846.D
Acq: 29 Oct 2022 02:58

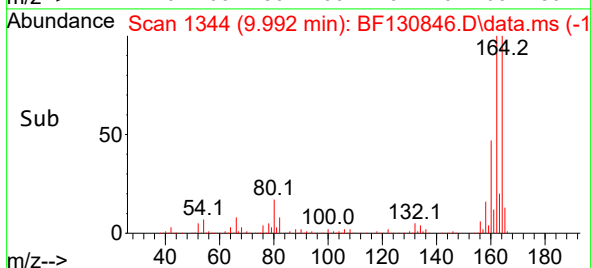
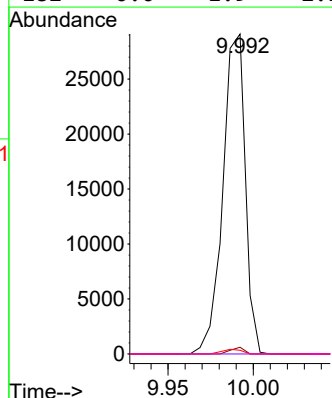
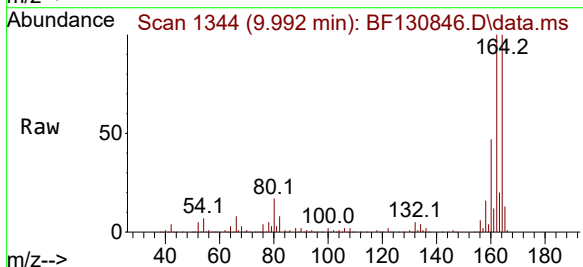
Instrument :
BNA_F
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251032-3

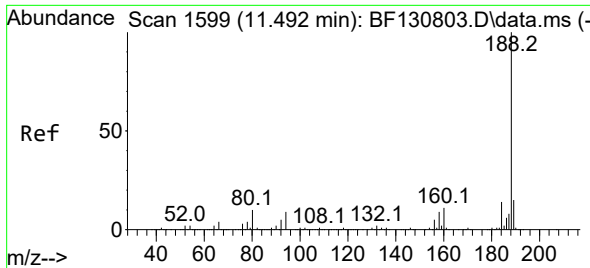
Tgt Ion:165 Resp: 26668
Ion Ratio Lower Upper
165 100
63 2.1 61.8 92.8#
89 1.1 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 10.906 ng
RT: 9.992 min Scan# 1344
Delta R.T. -0.188 min
Lab File: BF130846.D
Acq: 29 Oct 2022 02:58

Tgt Ion:165 Resp: 26668
Ion Ratio Lower Upper
165 100
63 2.1 39.8 59.6#
89 1.1 61.9 92.9#
182 0.0 1.9 2.9#

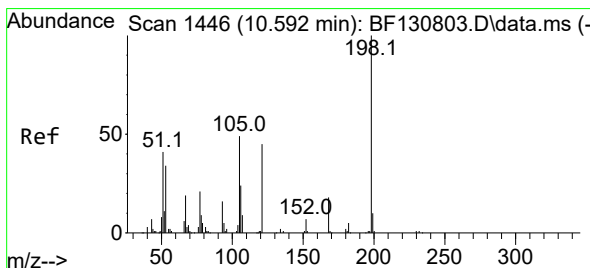
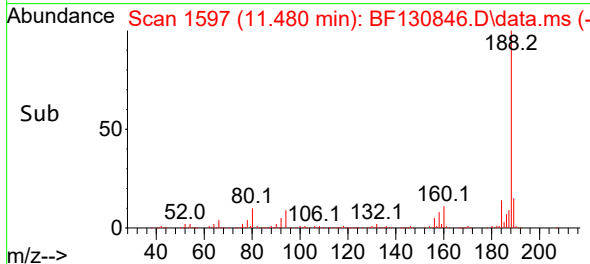
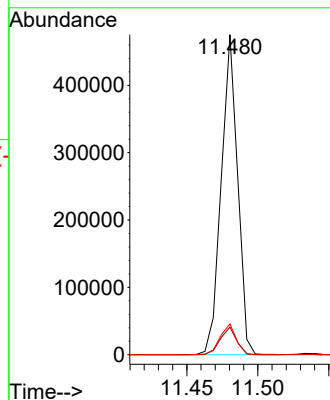
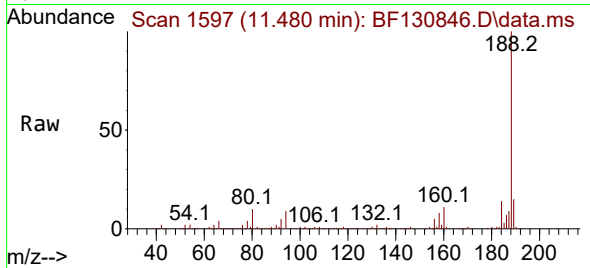




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130846.D
Acq: 29 Oct 2022 02:58

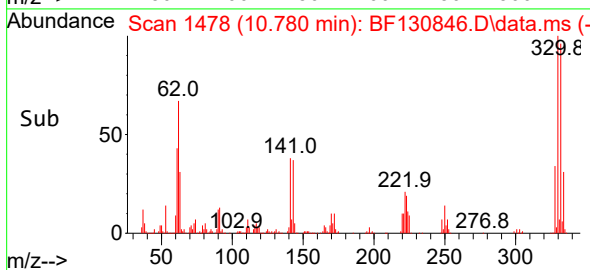
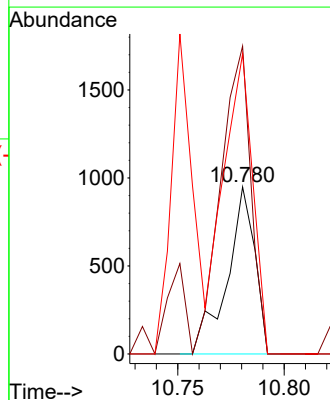
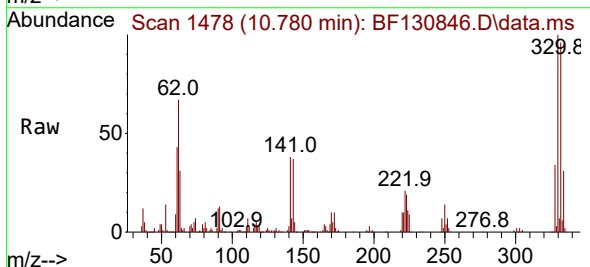
Instrument :
BNA_F
ClientSampleId :
251032-3

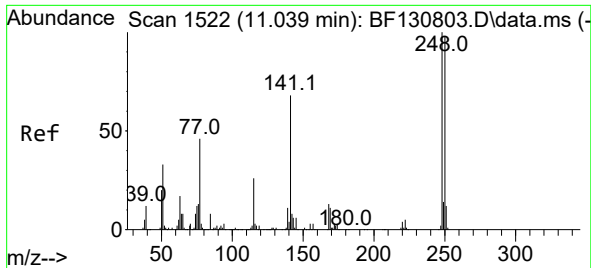
Tgt Ion:188 Resp: 380038
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.6 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.381 ng
RT: 10.780 min Scan# 1478
Delta R.T. 0.194 min
Lab File: BF130846.D
Acq: 29 Oct 2022 02:58

Tgt Ion:198 Resp: 861
Ion Ratio Lower Upper
198 100
51 184.3 39.0 79.0#
105 179.7 30.6 70.6#

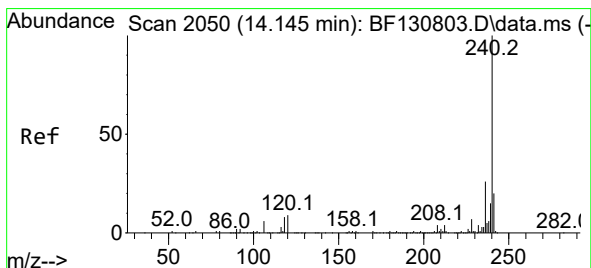
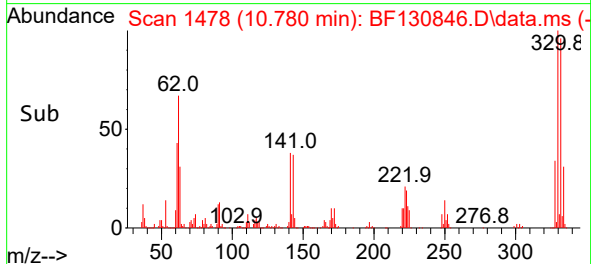
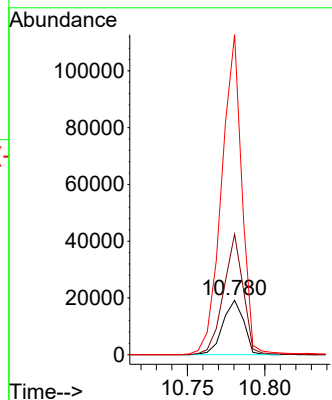
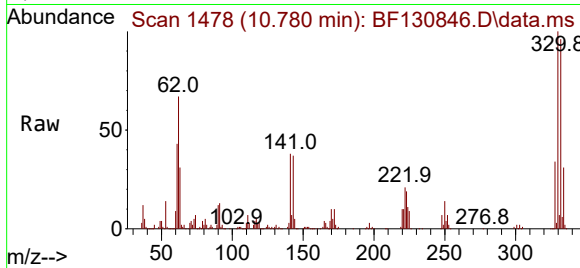




#67
4-Bromophenyl-phenylether
Concen: 4.723 ng
RT: 10.780 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130846.D
Acq: 29 Oct 2022 02:58

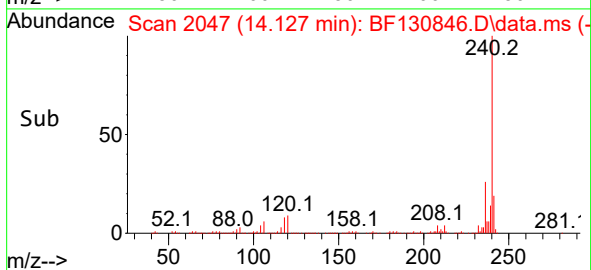
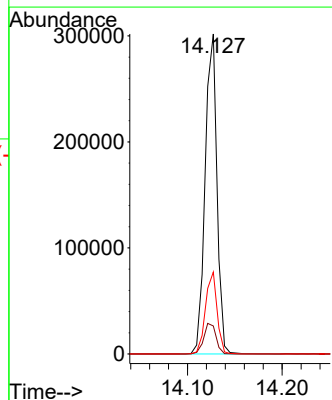
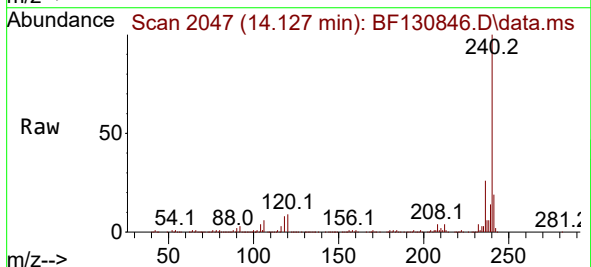
Instrument :
BNA_F
ClientSampleId :
251032-3

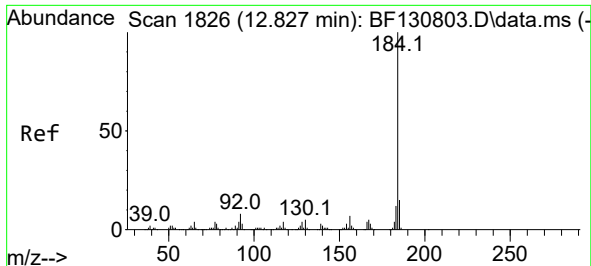
Tgt Ion:248 Resp: 18051
Ion Ratio Lower Upper
248 100
250 221.6 78.6 117.8#
141 587.6 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130846.D
Acq: 29 Oct 2022 02:58

Tgt Ion:240 Resp: 260843
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.4
236 25.6 20.5 30.7

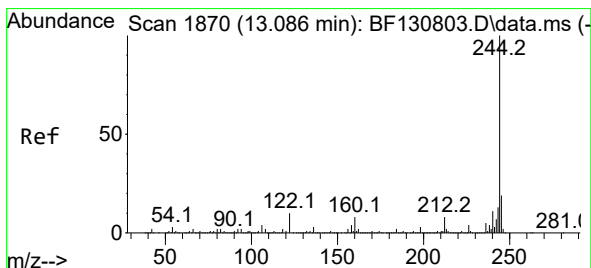
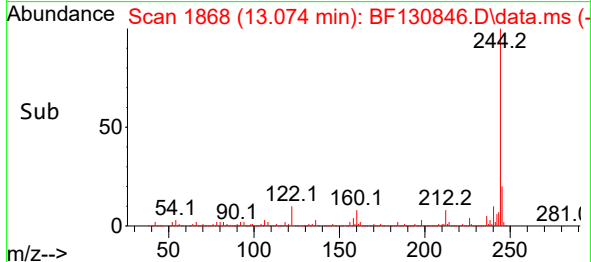
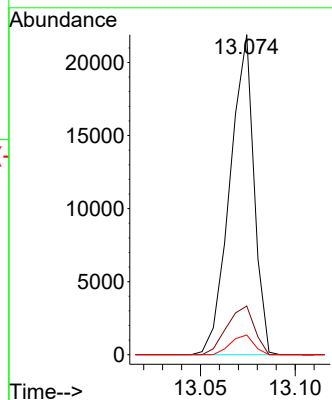
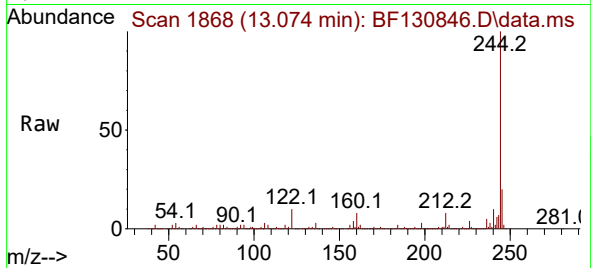




#77
Benzidine
Concen: 3.054 ng
RT: 13.074 min Scan# 1868
Delta R.T. 0.253 min
Lab File: BF130846.D
Acq: 29 Oct 2022 02:58

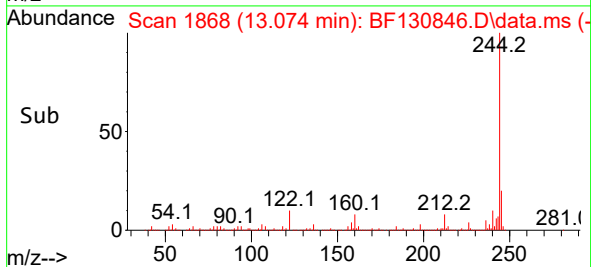
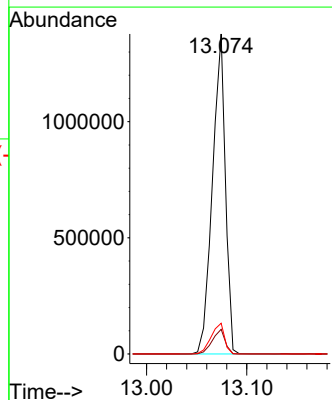
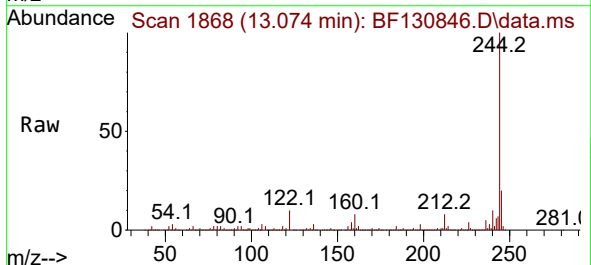
Instrument :
BNA_F
ClientSampleId :
251032-3

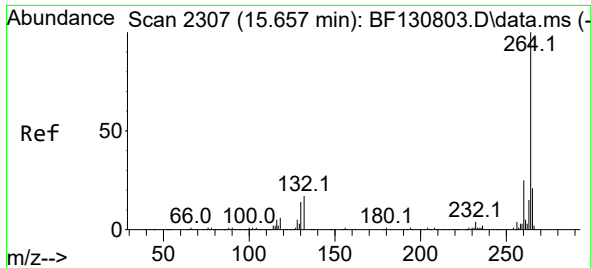
Tgt Ion:184 Resp: 19335
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.8
183 6.1 9.7 14.5#



#79
Terphenyl-d14
Concen: 86.787 ng
RT: 13.074 min Scan# 1868
Delta R.T. -0.000 min
Lab File: BF130846.D
Acq: 29 Oct 2022 02:58

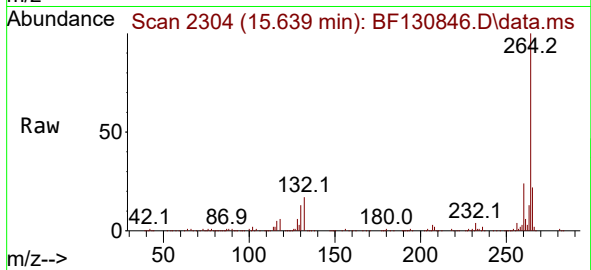
Tgt Ion:244 Resp: 1235375
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 9.6 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130846.D
Acq: 29 Oct 2022 02:58

Instrument :
BNA_F
ClientSampleId :
251032-3



Tgt Ion:264 Resp: 187150
Ion Ratio Lower Upper
264 100
260 24.1 19.9 29.9
265 21.7 17.0 25.6

