

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130848.D
 Acq On : 29 Oct 2022 03:57
 Operator : CG\JU
 Sample : N5290-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 257248-8

Quant Time: Oct 29 05:49:13 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)

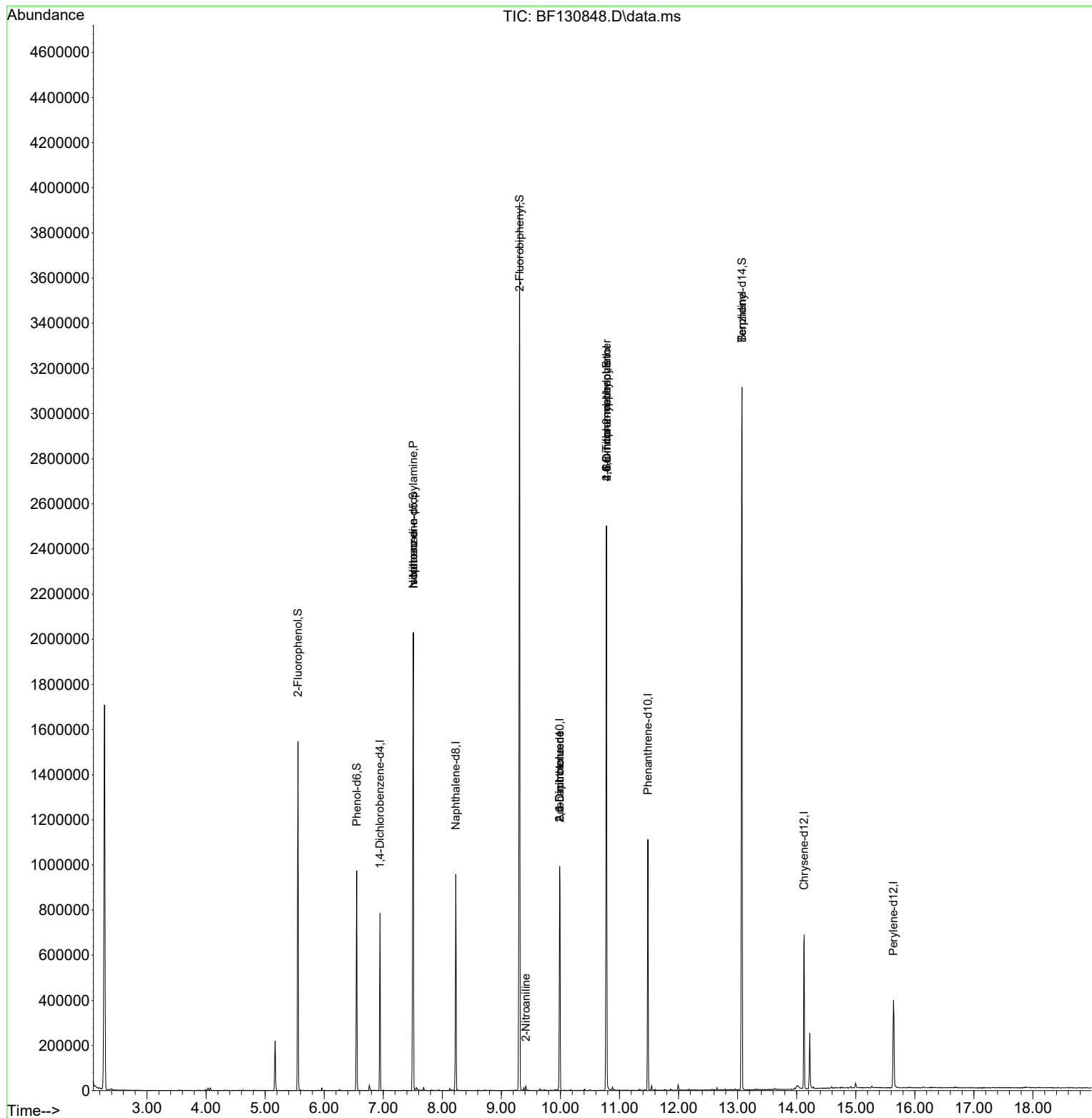
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	97226	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	379788	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	205899	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	369856	20.000	ng	0.00
76) Chrysene-d12	14.127	240	232184	20.000	ng	0.00
86) Perylene-d12	15.639	264	172425	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	337980	60.264	ng	0.00
7) Phenol-d6	6.551	99	259470	35.603	ng	-0.01
23) Nitrobenzene-d5	7.510	82	663203	105.297	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	257030	148.293	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1201715	88.240	ng	0.00
79) Terphenyl-d14	13.074	244	1100409	86.847	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.510	70	90487	18.248	ng	# 78
25) Isophorone	7.510	82	663189	51.061	ng	# 66
48) 2-Nitroaniline	9.416	65	238	4.204	ng	# 12
51) 2,6-Dinitrotoluene	9.986	165	25822	11.836	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	25822	10.761	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.780	198	907	8.418	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	17472	4.697	ng	# 1
77) Benzidine	13.074	184	17283	3.066	ng	# 91

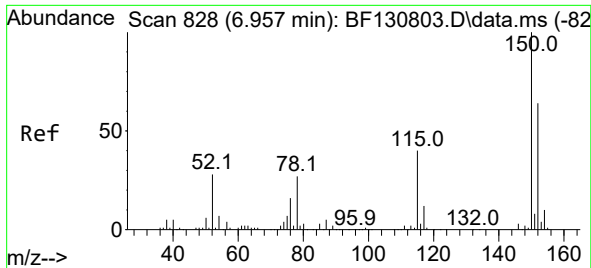
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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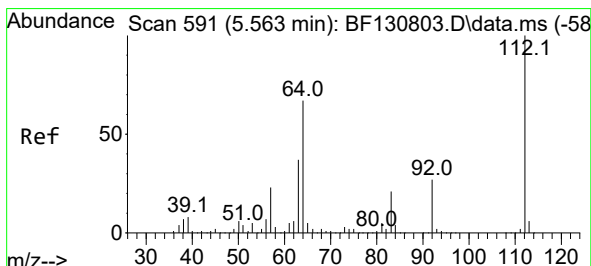
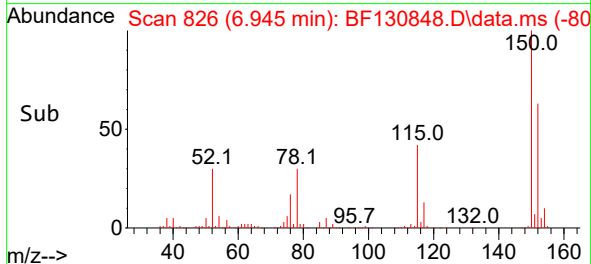
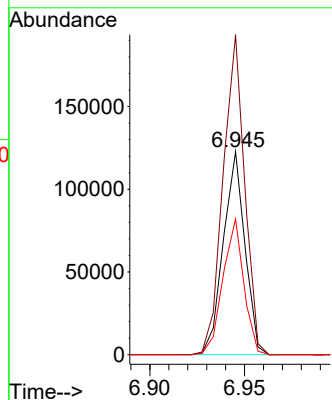
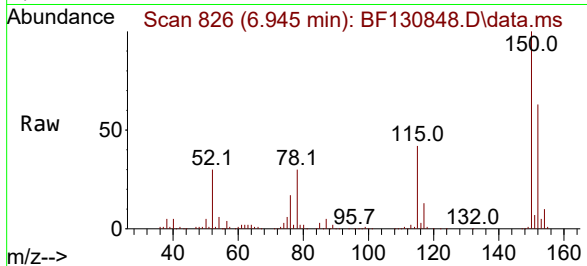




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130848.D
Acq: 29 Oct 2022 03:57

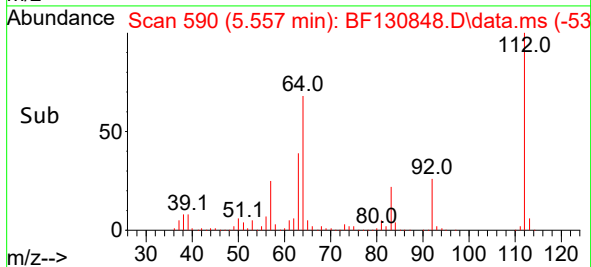
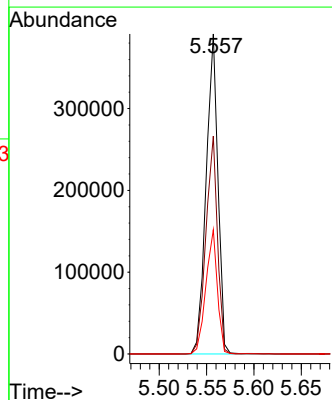
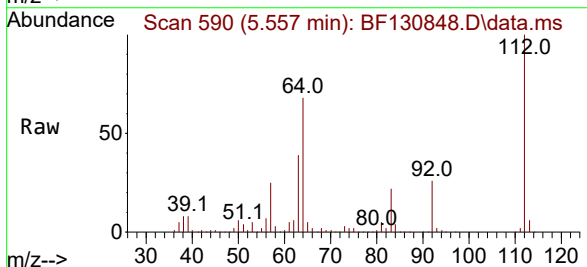
Instrument :
BNA_F
ClientSampleId :
257248-8

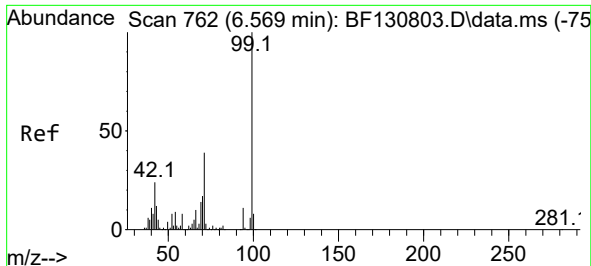
Tgt Ion:152 Resp: 97226
Ion Ratio Lower Upper
152 100
150 157.6 124.1 186.1
115 66.9 50.1 75.1



#5
2-Fluorophenol
Concen: 60.264 ng
RT: 5.557 min Scan# 590
Delta R.T. -0.000 min
Lab File: BF130848.D
Acq: 29 Oct 2022 03:57

Tgt Ion:112 Resp: 337980
Ion Ratio Lower Upper
112 100
64 68.1 53.9 80.9
63 38.8 29.4 44.2

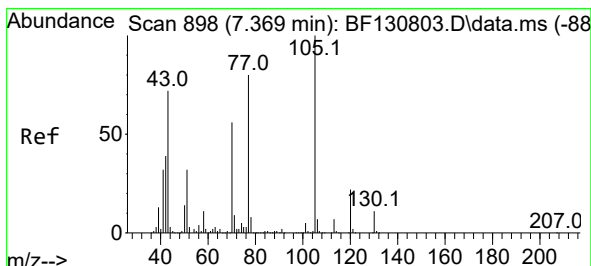
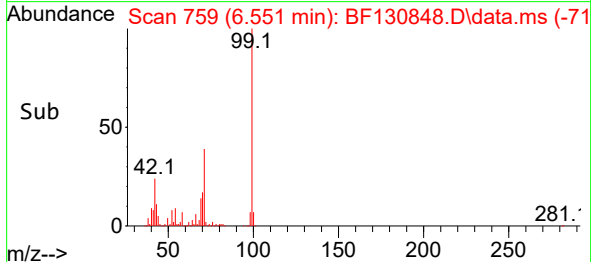
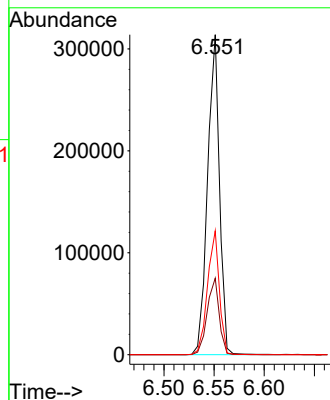
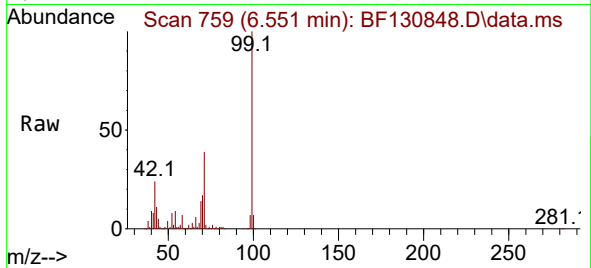




#7
Phenol-d6
Concen: 35.603 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130848.D
Acq: 29 Oct 2022 03:57

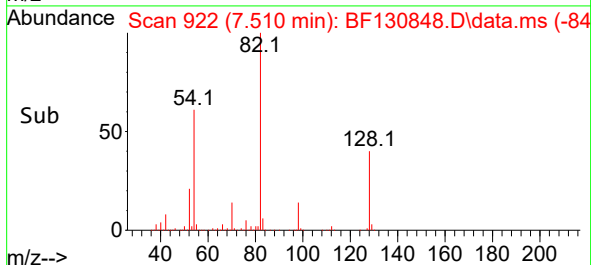
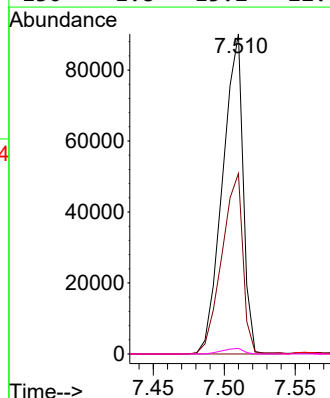
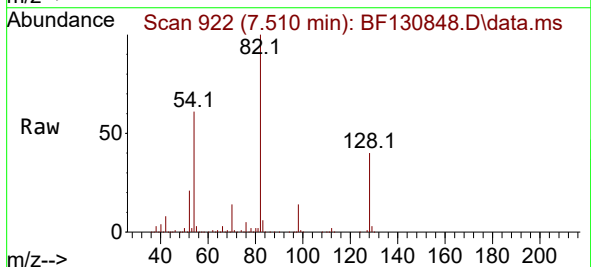
Instrument :
BNA_F
ClientSampleId :
257248-8

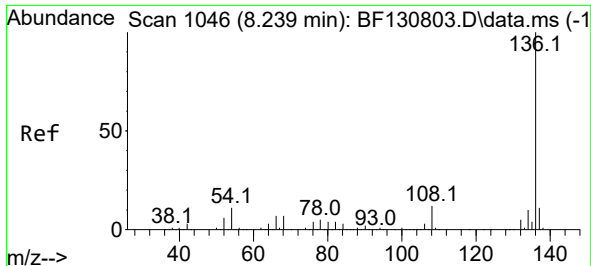
Tgt Ion: 99 Resp: 259470
Ion Ratio Lower Upper
99 100
42 23.9 18.8 28.2
71 38.7 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.248 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF130848.D
Acq: 29 Oct 2022 03:57

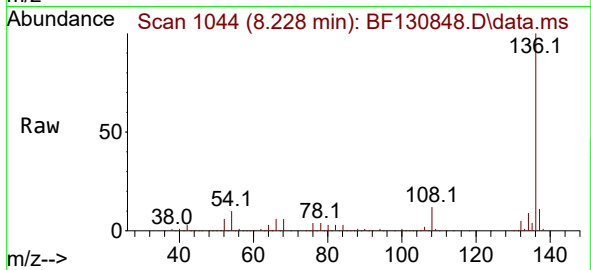
Tgt Ion: 70 Resp: 90487
Ion Ratio Lower Upper
70 100
42 56.4 56.1 84.1
101 0.0 7.3 10.9#
130 1.8 15.2 22.8#



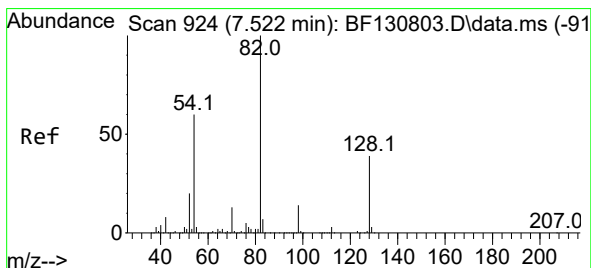
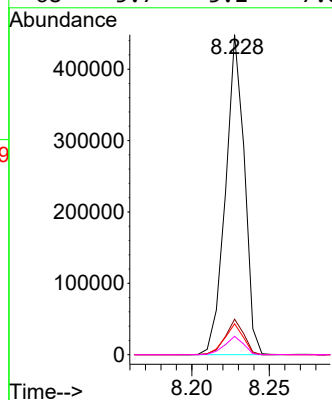
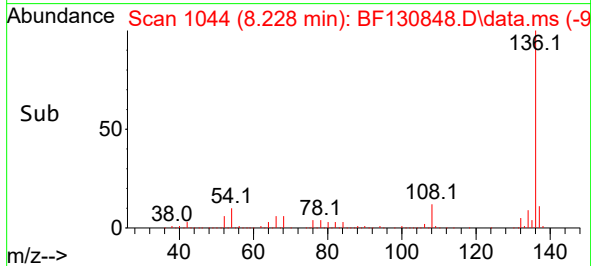


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130848.D
Acq: 29 Oct 2022 03:57

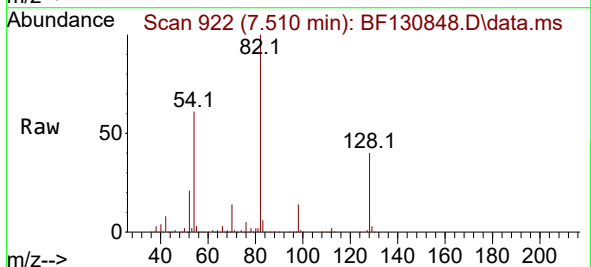
Instrument :
BNA_F
ClientSampleId :
257248-8



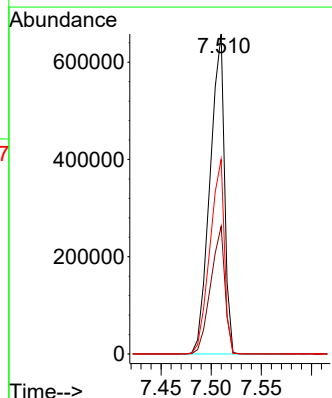
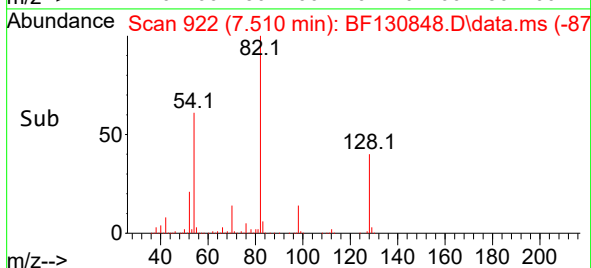
Tgt Ion:136 Resp: 379788
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 9.7 8.8 13.2
68 5.7 5.2 7.8

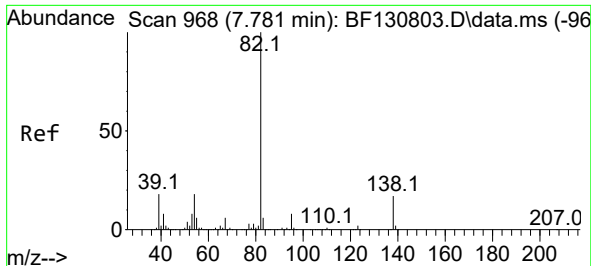


#23
Nitrobenzene-d5
Concen: 105.297 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF130848.D
Acq: 29 Oct 2022 03:57



Tgt Ion: 82 Resp: 663203
Ion Ratio Lower Upper
82 100
128 39.9 31.2 46.8
54 60.8 48.0 72.0

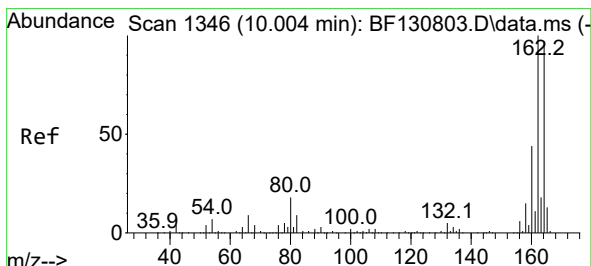
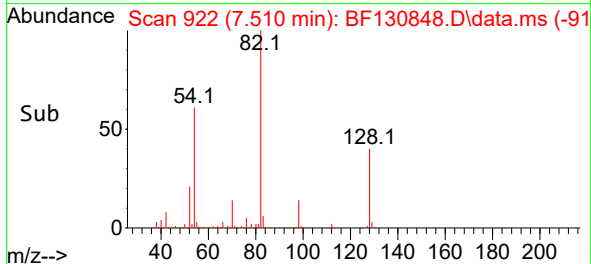
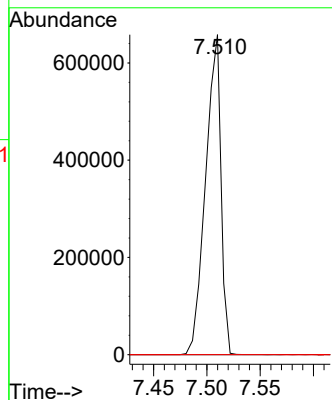
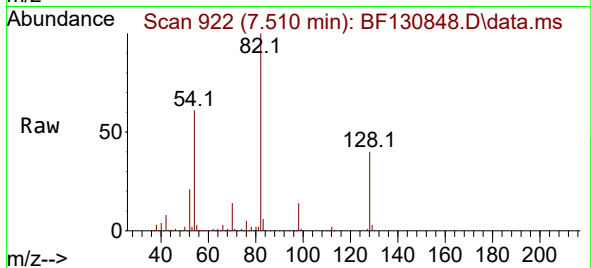




#25
Isophorone
Concen: 51.061 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF130848.D
Acq: 29 Oct 2022 03:57

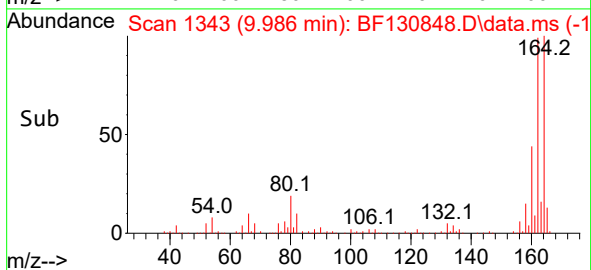
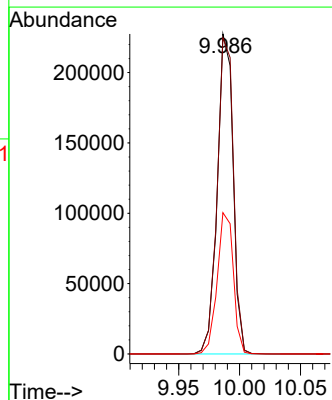
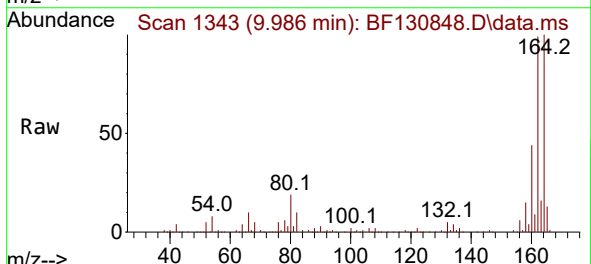
Instrument :
BNA_F
ClientSampleId :
257248-8

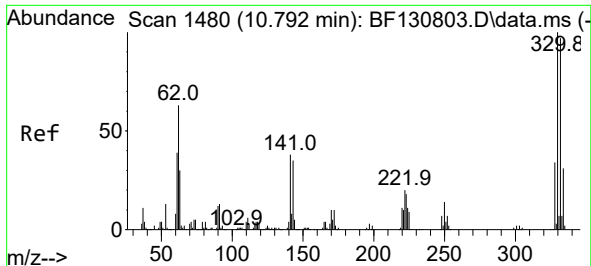
Tgt Ion: 82 Resp: 663189
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BF130848.D
Acq: 29 Oct 2022 03:57

Tgt Ion:164 Resp: 205899
Ion Ratio Lower Upper
164 100
162 98.8 82.2 123.2
160 44.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 148.293 ng

RT: 10.780 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130848.D

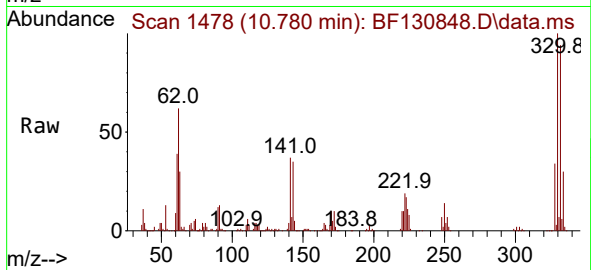
Acq: 29 Oct 2022 03:57

Instrument :

BNA_F

ClientSampleId :

257248-8



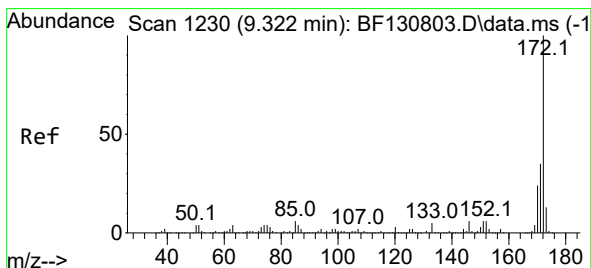
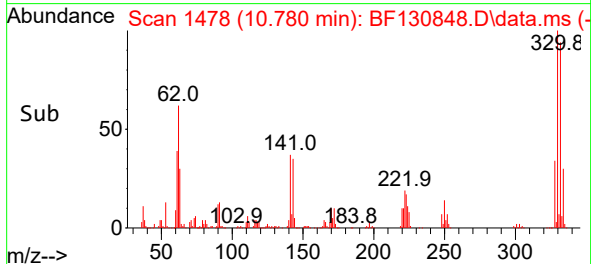
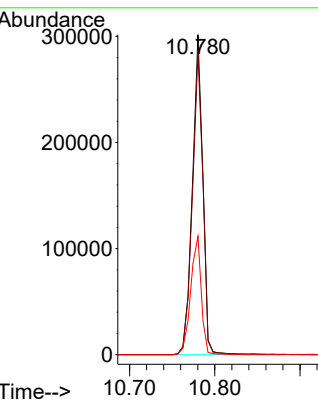
Tgt Ion:330 Resp: 257030

Ion Ratio Lower Upper

330 100

332 95.1 76.2 114.4

141 37.6 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 88.240 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF130848.D

Acq: 29 Oct 2022 03:57

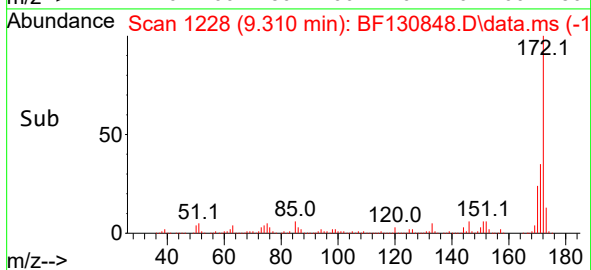
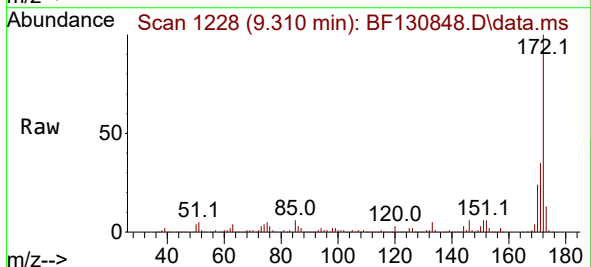
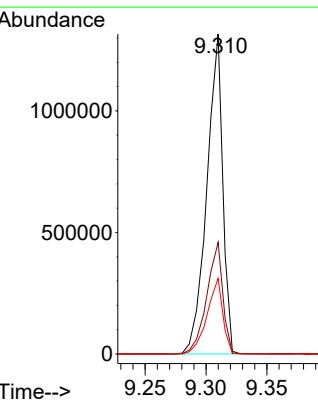
Tgt Ion:172 Resp: 1201715

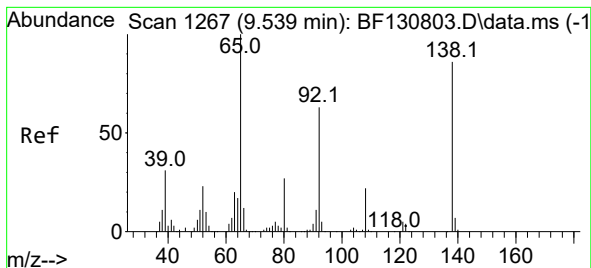
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.6 19.0 28.4





#48

2-Nitroaniline

Concen: 4.204 ng

RT: 9.416 min Scan# 11

Delta R.T. -0.118 min

Lab File: BF130848.D

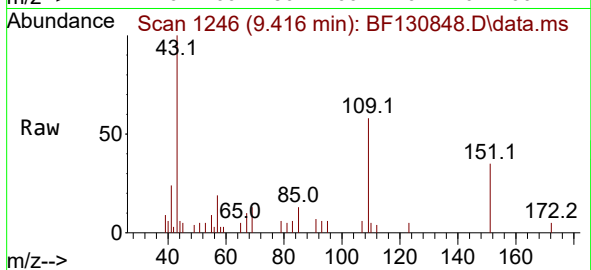
Acq: 29 Oct 2022 03:57

Instrument :

BNA_F

ClientSampleId :

257248-8



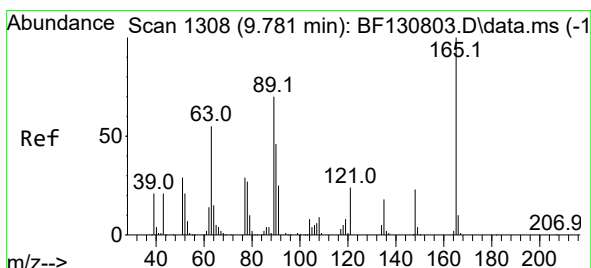
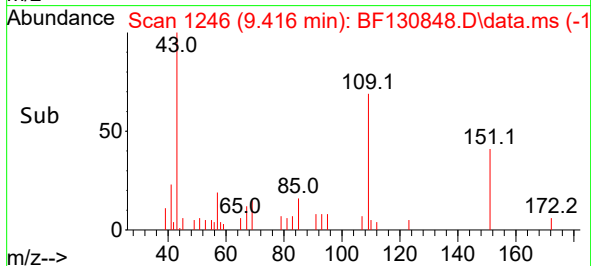
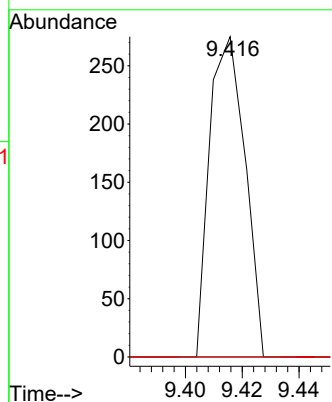
Tgt Ion: 65 Resp: 238

Ion Ratio Lower Upper

65 100

92 0.0 50.1 75.1#

138 0.0 69.2 103.8#



#51

2,6-Dinitrotoluene

Concen: 11.836 ng

RT: 9.986 min Scan# 1343

Delta R.T. 0.212 min

Lab File: BF130848.D

Acq: 29 Oct 2022 03:57

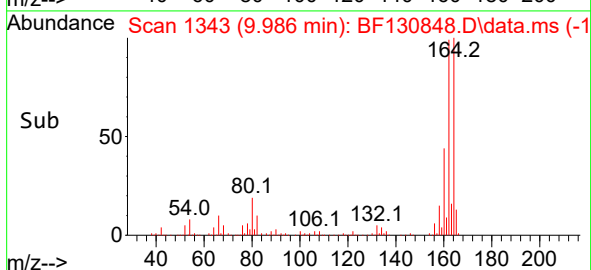
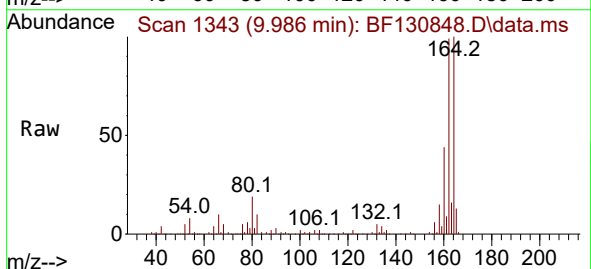
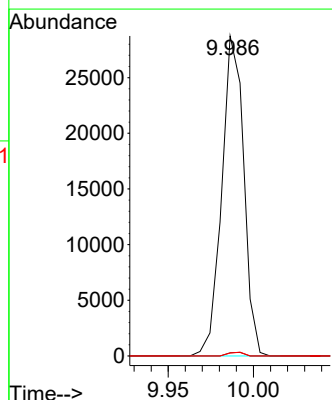
Tgt Ion:165 Resp: 25822

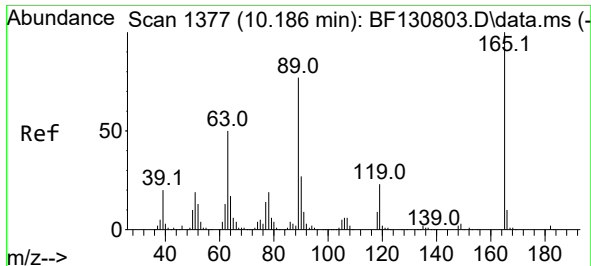
Ion Ratio Lower Upper

165 100

63 1.0 61.8 92.8#

89 0.9 56.2 84.4#

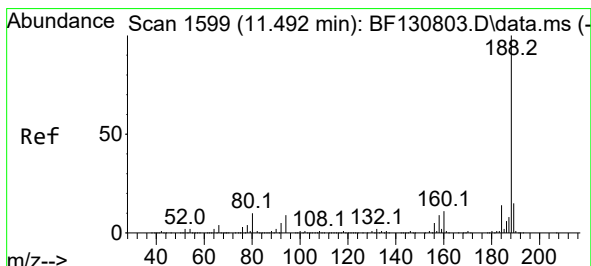
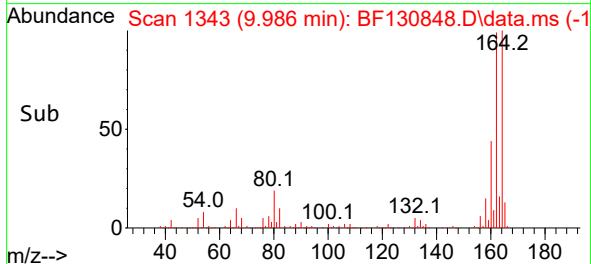
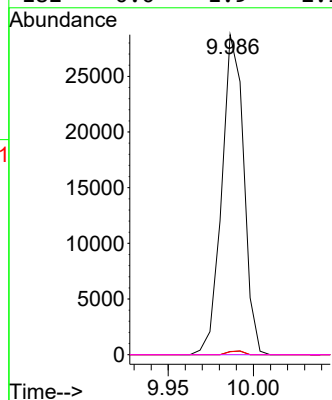
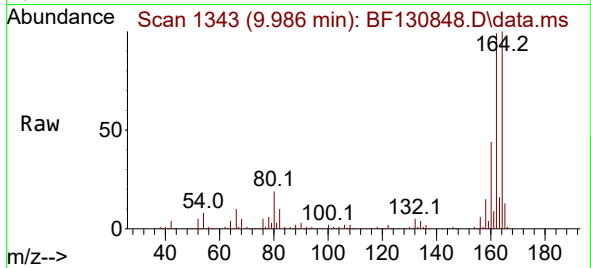




#57
2,4-Dinitrotoluene
Concen: 10.761 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130848.D
Acq: 29 Oct 2022 03:57

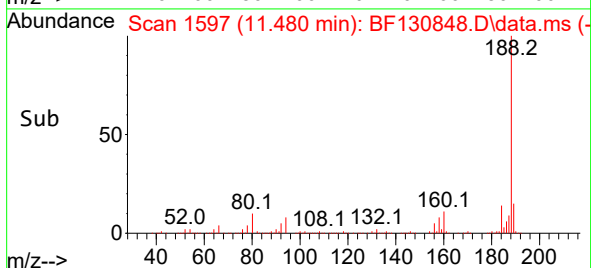
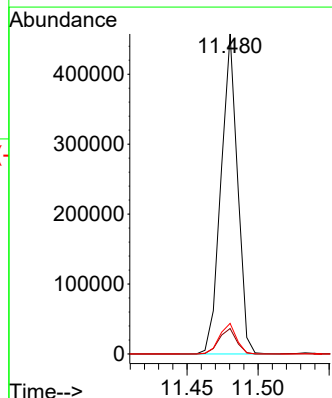
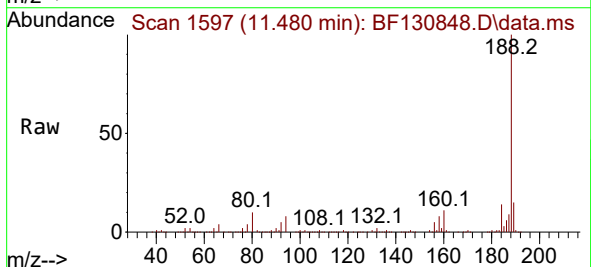
Instrument :
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257248-8

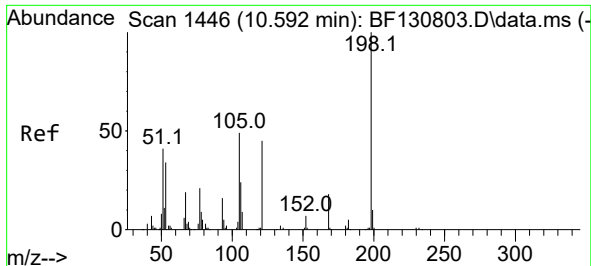
Tgt Ion:165 Resp: 25822
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 0.9 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF130848.D
Acq: 29 Oct 2022 03:57

Tgt Ion:188 Resp: 369856
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 9.5 8.0 12.0

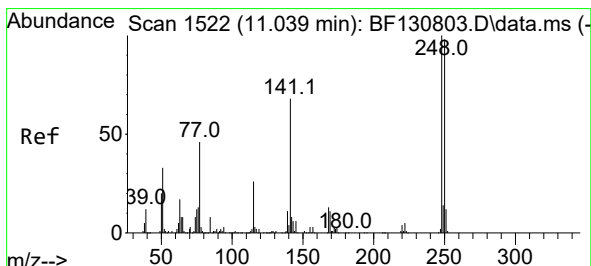
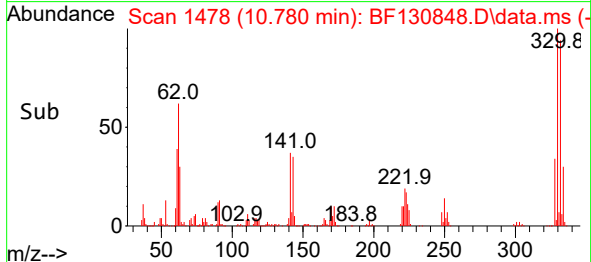
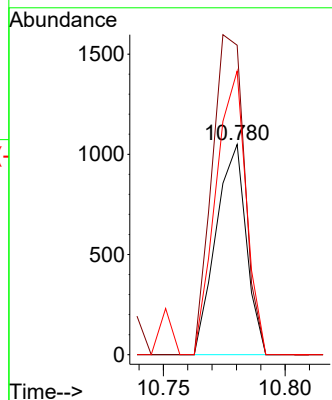
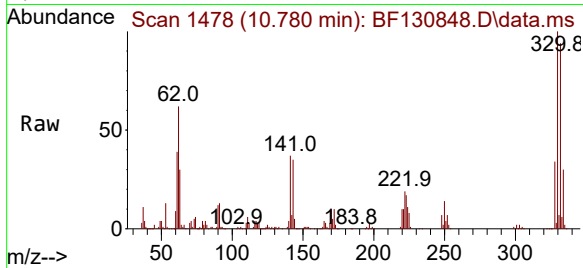




#65
4,6-Dinitro-2-methylphenol
Concen: 8.418 ng
RT: 10.780 min Scan# 1446
Delta R.T. 0.194 min
Lab File: BF130848.D
Acq: 29 Oct 2022 03:57

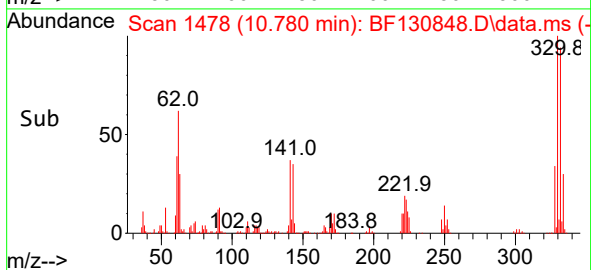
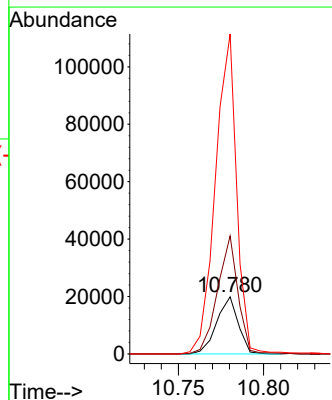
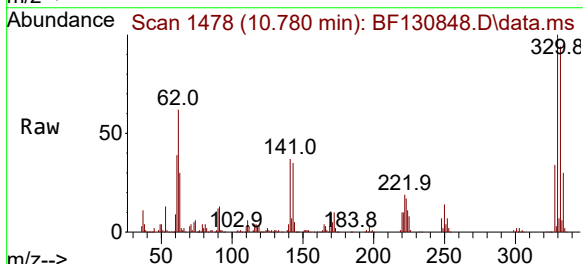
Instrument :
BNA_F
ClientSampleId :
257248-8

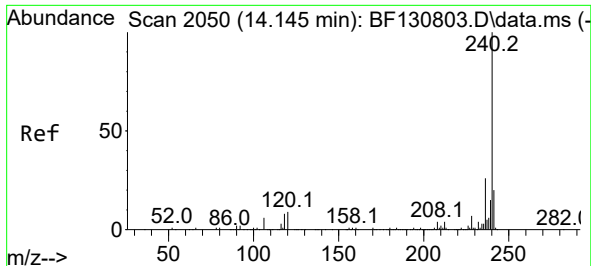
Tgt Ion:198 Resp: 907
Ion Ratio Lower Upper
198 100
51 147.2 39.0 79.0#
105 135.0 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.697 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.247 min
Lab File: BF130848.D
Acq: 29 Oct 2022 03:57

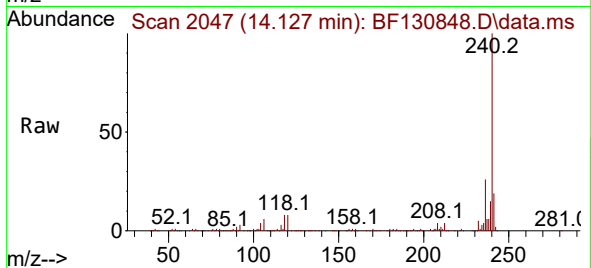
Tgt Ion:248 Resp: 17472
Ion Ratio Lower Upper
248 100
250 207.1 78.6 117.8#
141 560.9 54.2 81.4#



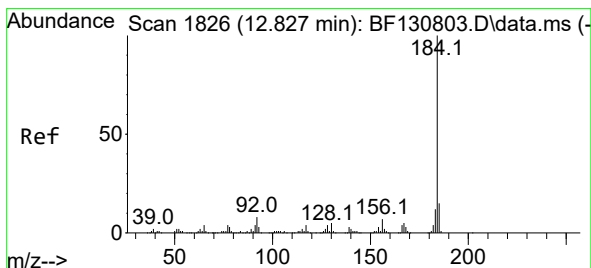
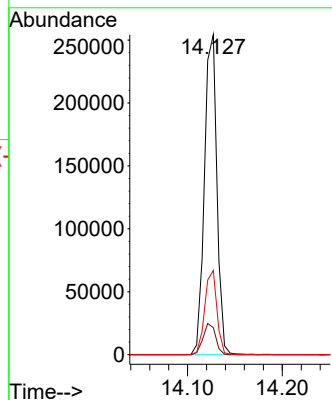
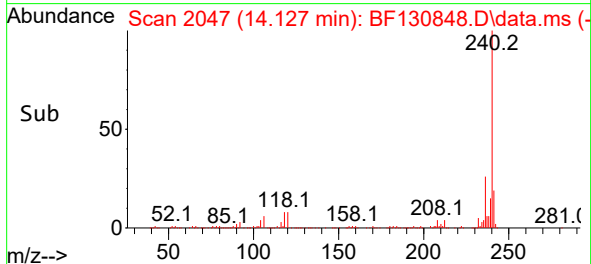


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF130848.D
Acq: 29 Oct 2022 03:57

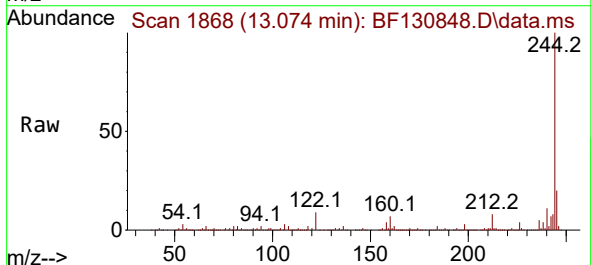
Instrument :
BNA_F
ClientSampleId :
257248-8



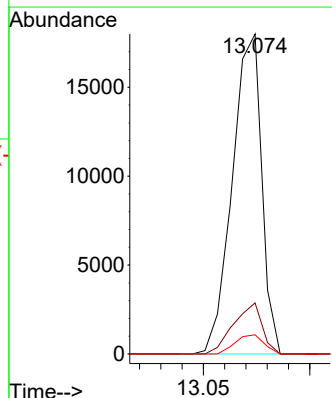
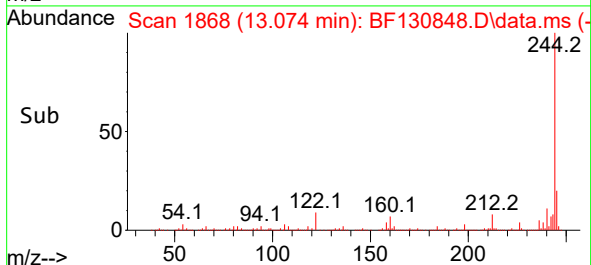
Tgt Ion:240 Resp: 232184
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.4
236 26.3 20.5 30.7

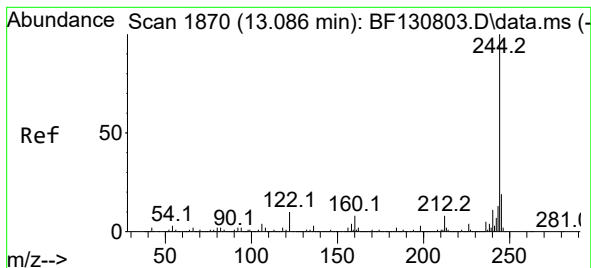


#77
Benzidine
Concen: 3.066 ng
RT: 13.074 min Scan# 1868
Delta R.T. 0.253 min
Lab File: BF130848.D
Acq: 29 Oct 2022 03:57



Tgt Ion:184 Resp: 17283
Ion Ratio Lower Upper
184 100
185 16.0 11.8 17.8
183 6.0 9.7 14.5#





#79

Terphenyl-d14

Concen: 86.847 ng

RT: 13.074 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130848.D

Acq: 29 Oct 2022 03:57

Instrument :

BNA_F

ClientSampleId :

257248-8

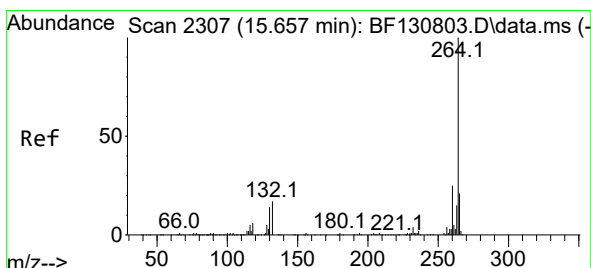
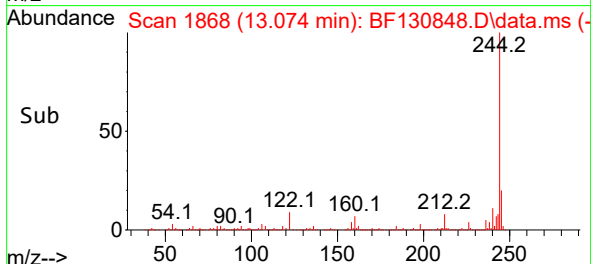
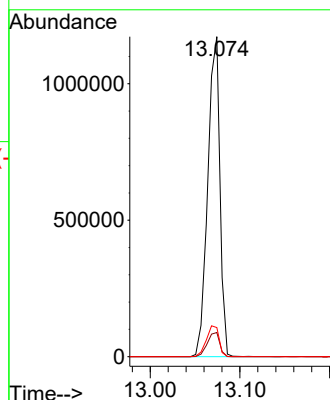
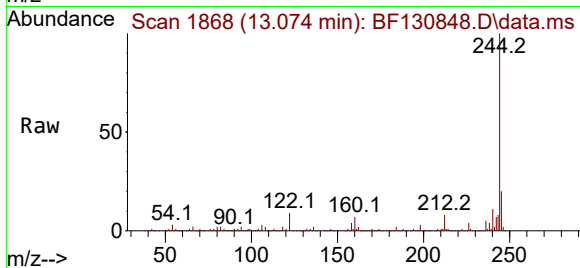
Tgt Ion:244 Resp: 1100409

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 9.1 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.639 min Scan# 2304

Delta R.T. -0.006 min

Lab File: BF130848.D

Acq: 29 Oct 2022 03:57

Tgt Ion:264 Resp: 172425

Ion Ratio Lower Upper

264 100

260 23.6 19.9 29.9

265 20.7 17.0 25.6

