

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130841.D
 Acq On : 29 Oct 2022 00:29
 Operator : CG\JU
 Sample : N5267-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP6-1024

Quant Time: Oct 29 05:47:51 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)

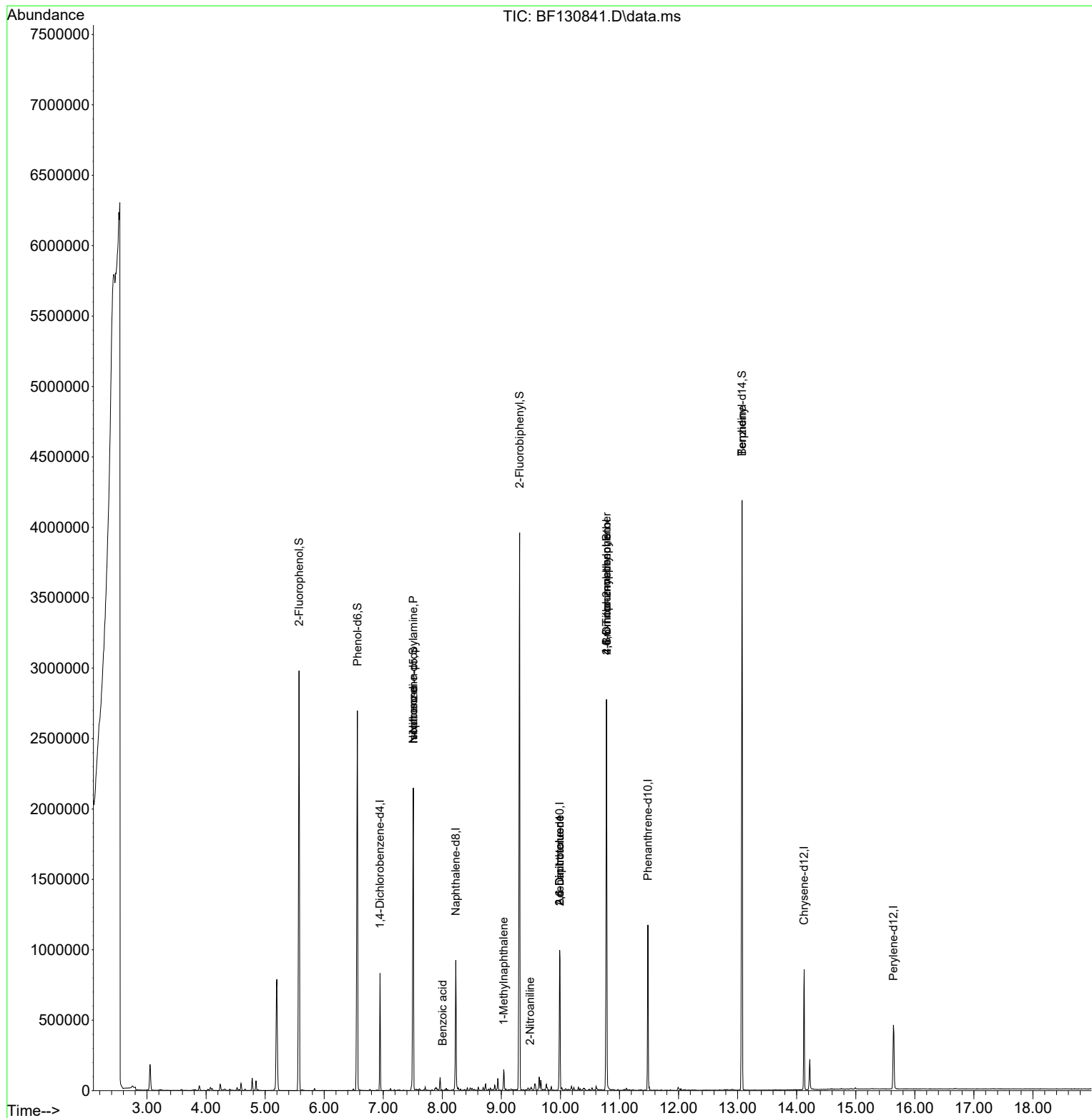
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	100766	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	385311	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	209891	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	383524	20.000	ng	0.00
76) Chrysene-d12	14.127	240	278758	20.000	ng	0.00
86) Perylene-d12	15.639	264	208121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	774663	133.276	ng	0.02
7) Phenol-d6	6.563	99	931130	123.274	ng	0.00
23) Nitrobenzene-d5	7.510	82	700390	109.607	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	312274	176.740	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1289250	92.867	ng	0.00
79) Terphenyl-d14	13.074	244	1443605	94.897	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.510	70	97505	18.973	ng	# 78
25) Isophorone	7.510	82	700380	53.151	ng	# 66
32) Benzoic acid	8.004	122	78	7.697	ng	# 29
38) 1-Methylnaphthalene	9.039	142	34575	2.810	ng	100
48) 2-Nitroaniline	9.486	65	87	4.168	ng	# 12
51) 2,6-Dinitrotoluene	9.986	165	28294	12.513	ng	# 15
57) 2,4-Dinitrotoluene	9.986	165	28294	11.289	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.780	198	786	8.338	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	20774	5.386	ng	# 1
77) Benzidine	13.074	184	22634	3.345	ng	# 91

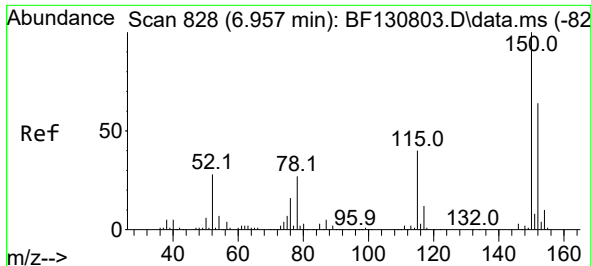
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
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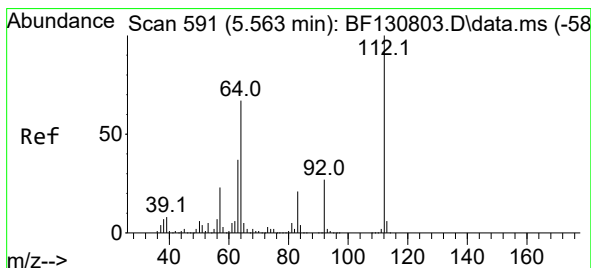
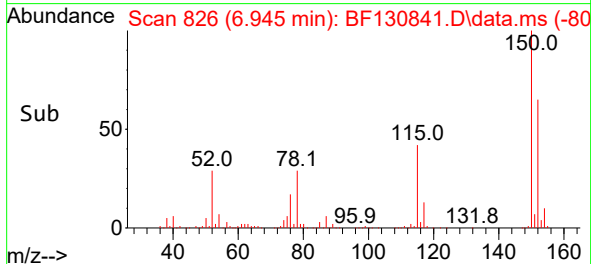
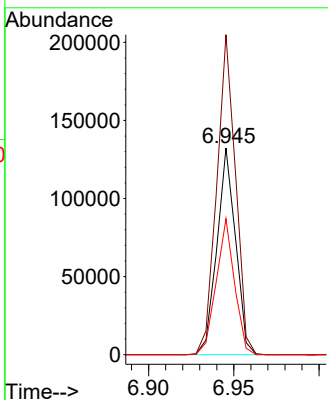
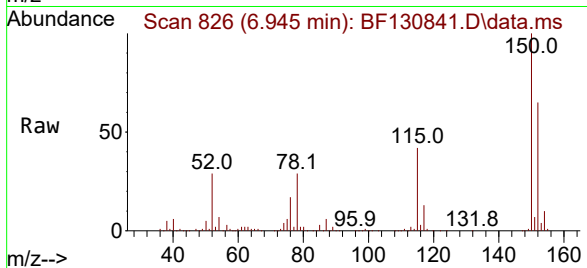




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130841.D
Acq: 29 Oct 2022 00:29

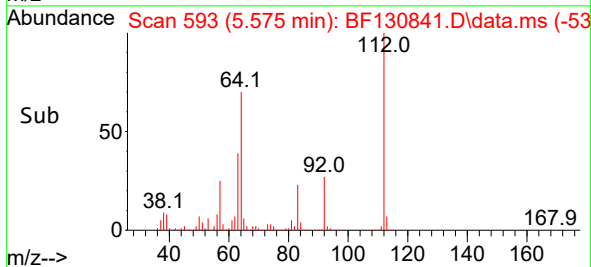
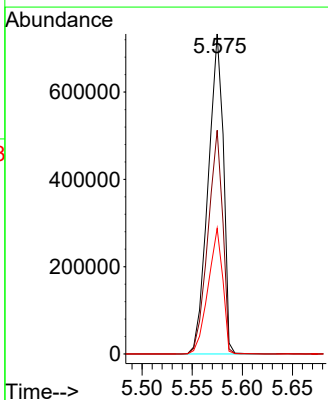
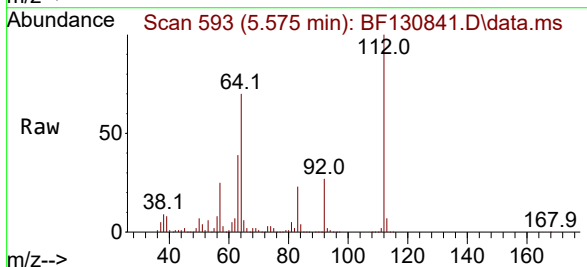
Instrument :
BNA_F
ClientSampleId :
TP6-1024

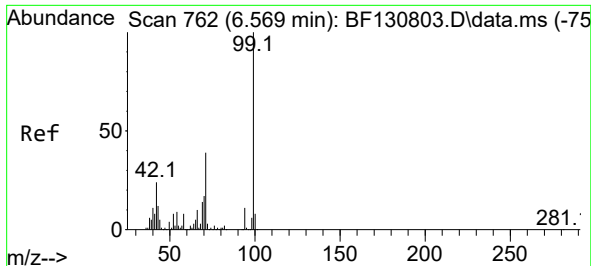
Tgt Ion:152 Resp: 100766
Ion Ratio Lower Upper
152 100
150 154.8 124.1 186.1
115 65.7 50.1 75.1



#5
2-Fluorophenol
Concen: 133.276 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.018 min
Lab File: BF130841.D
Acq: 29 Oct 2022 00:29

Tgt Ion:112 Resp: 774663
Ion Ratio Lower Upper
112 100
64 69.9 53.9 80.9
63 39.3 29.4 44.2

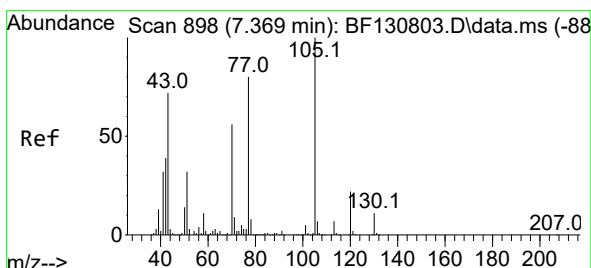
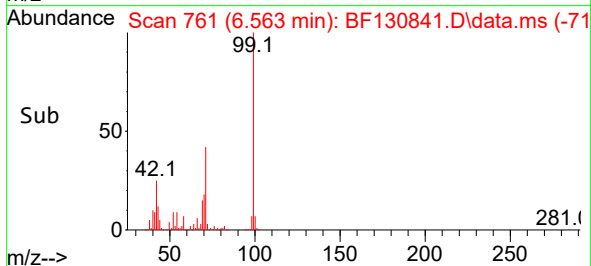
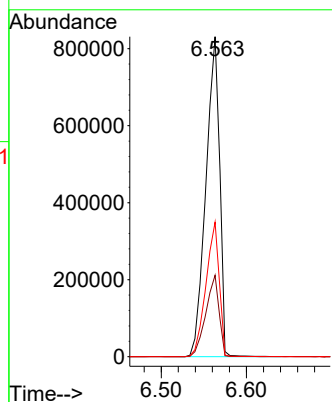
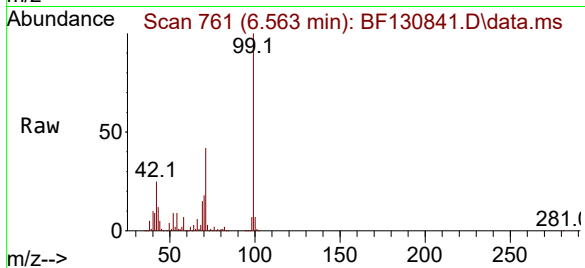




#7
Phenol-d6
Concen: 123.274 ng
RT: 6.563 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130841.D
Acq: 29 Oct 2022 00:29

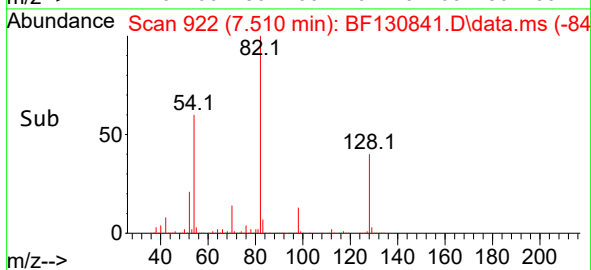
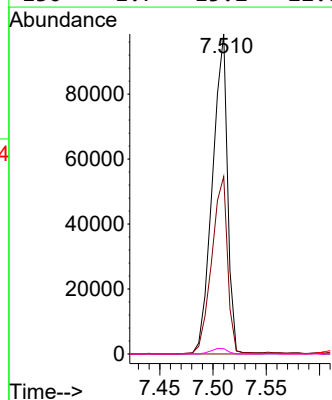
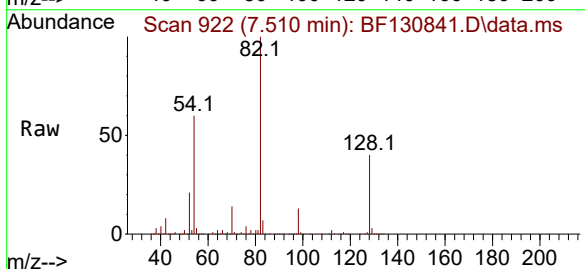
Instrument :
BNA_F
ClientSampleId :
TP6-1024

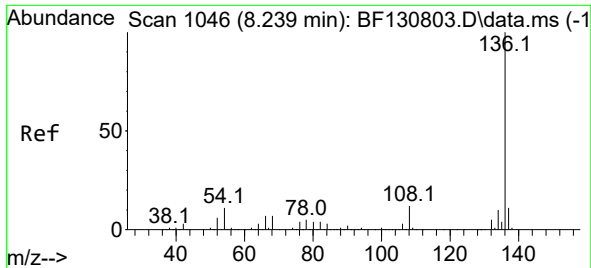
Tgt Ion: 99 Resp: 931130
Ion Ratio Lower Upper
99 100
42 25.4 18.8 28.2
71 42.0 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.973 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF130841.D
Acq: 29 Oct 2022 00:29

Tgt Ion: 70 Resp: 97505
Ion Ratio Lower Upper
70 100
42 55.5 56.1 84.1#
101 0.0 7.3 10.9#
130 1.7 15.2 22.8#

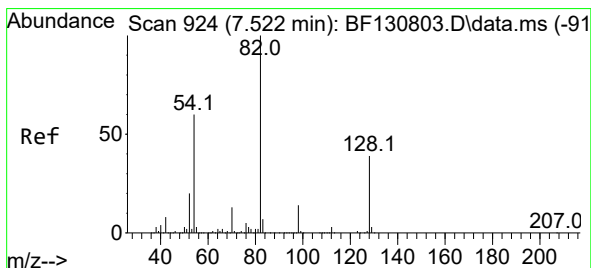
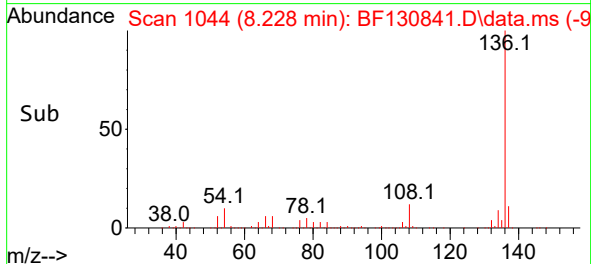
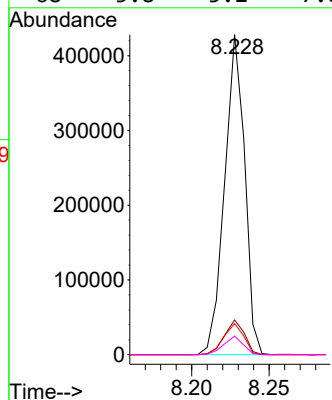
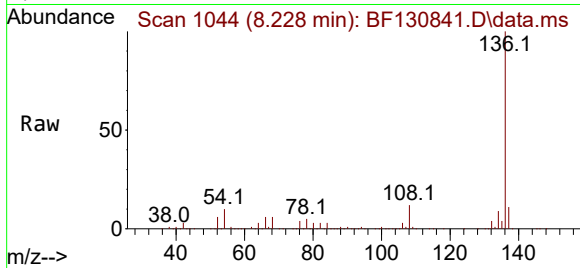




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130841.D
Acq: 29 Oct 2022 00:29

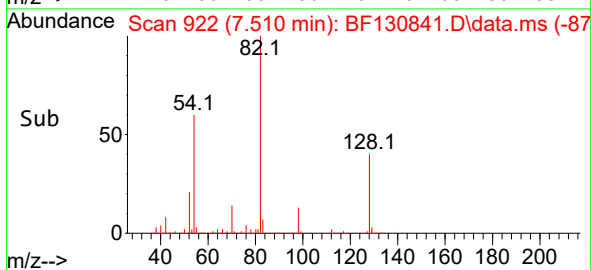
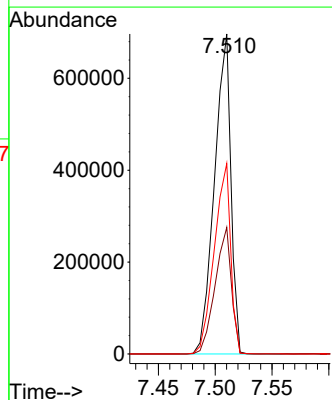
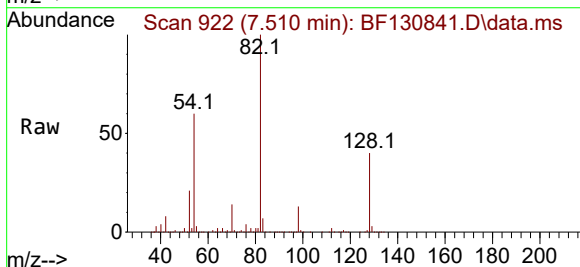
Instrument :
BNA_F
ClientSampleId :
TP6-1024

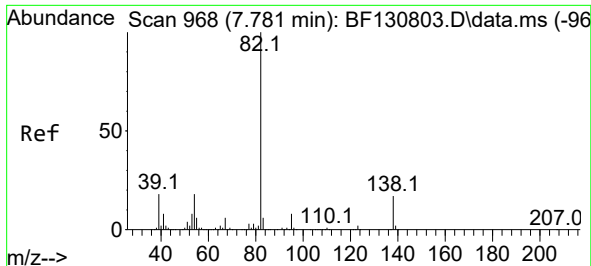
Tgt Ion:136 Resp: 385311
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 9.7 8.8 13.2
68 5.8 5.2 7.8



#23
Nitrobenzene-d5
Concen: 109.607 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF130841.D
Acq: 29 Oct 2022 00:29

Tgt Ion: 82 Resp: 700390
Ion Ratio Lower Upper
82 100
128 39.5 31.2 46.8
54 59.5 48.0 72.0

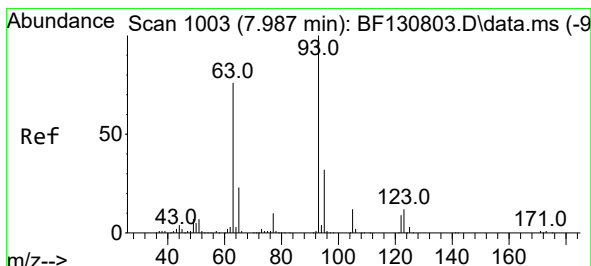
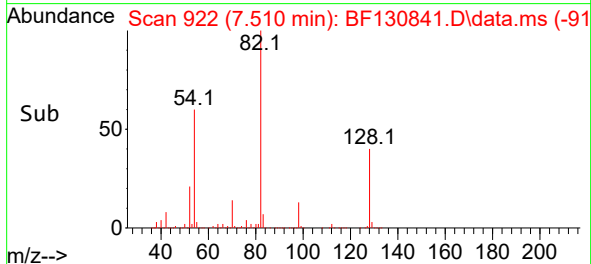
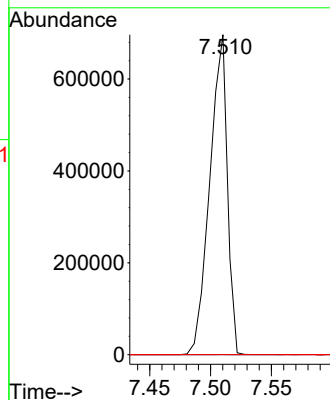
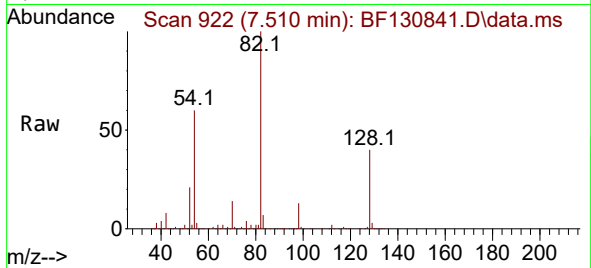




#25
Isophorone
Concen: 53.151 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF130841.D
Acq: 29 Oct 2022 00:29

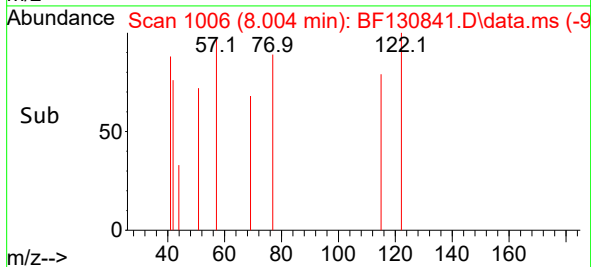
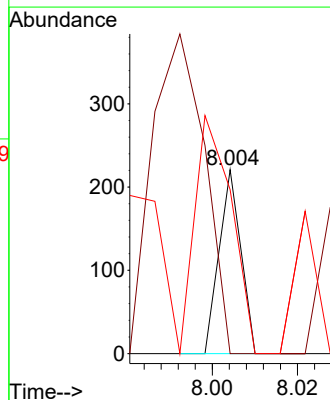
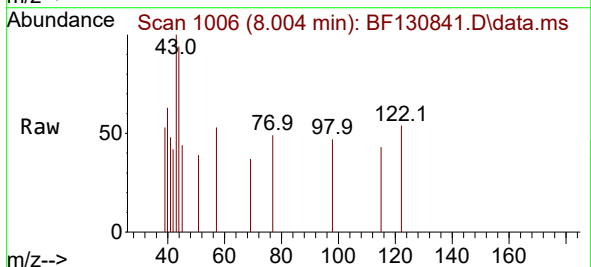
Instrument :
BNA_F
ClientSampleId :
TP6-1024

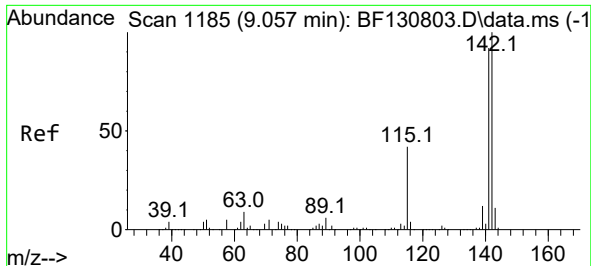
Tgt Ion: 82 Resp: 700380
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.697 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.018 min
Lab File: BF130841.D
Acq: 29 Oct 2022 00:29

Tgt Ion: 122 Resp: 78
Ion Ratio Lower Upper
122 100
105 0.0 114.5 154.5#
77 89.1 89.8 129.8#





#38

1-Methylnaphthalene

Concen: 2.810 ng

RT: 9.039 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF130841.D

Acq: 29 Oct 2022 00:29

Instrument :

BNA_F

ClientSampleId :

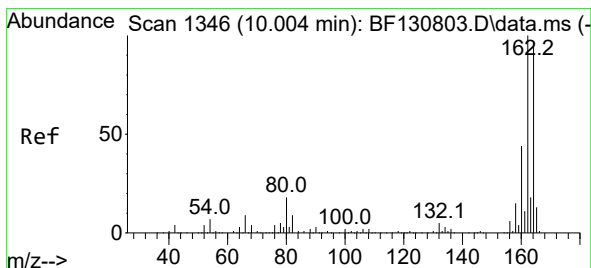
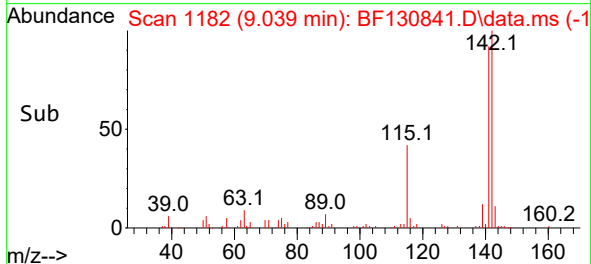
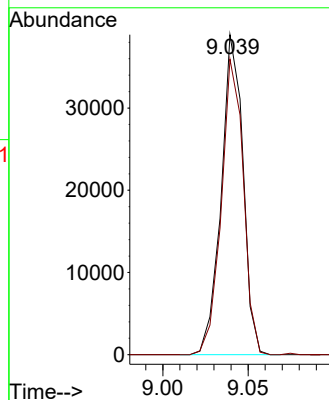
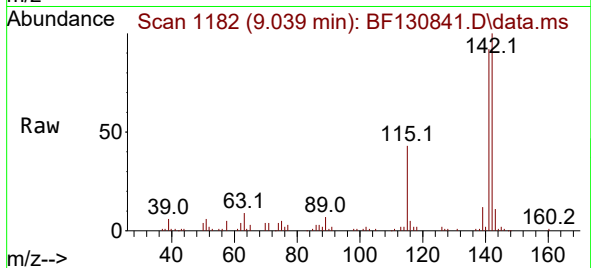
TP6-1024

Tgt Ion:142 Resp: 34575

Ion Ratio Lower Upper

142 100

141 92.4 73.5 110.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.986 min Scan# 1343

Delta R.T. -0.012 min

Lab File: BF130841.D

Acq: 29 Oct 2022 00:29

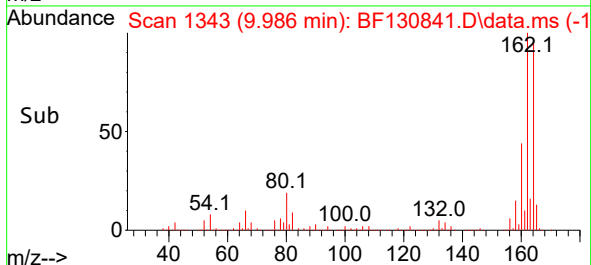
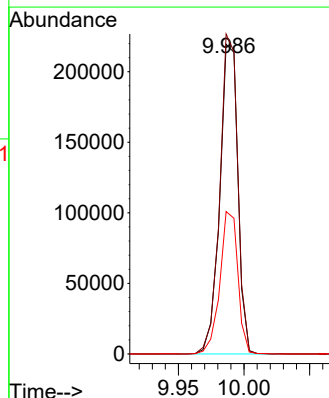
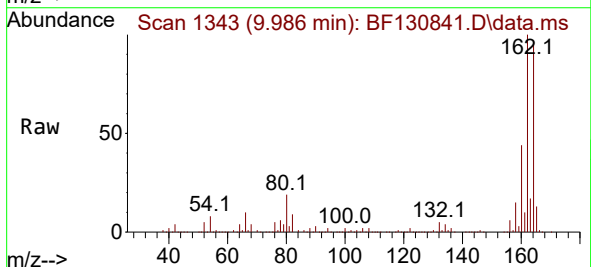
Tgt Ion:164 Resp: 209891

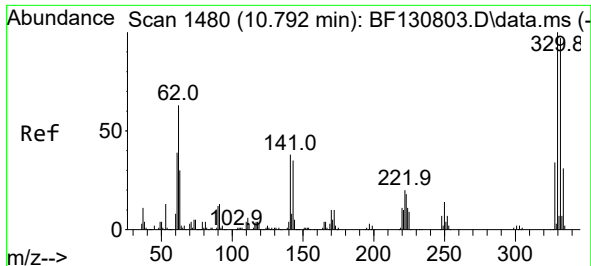
Ion Ratio Lower Upper

164 100

162 103.3 82.2 123.2

160 46.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 176.740 ng

RT: 10.780 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130841.D

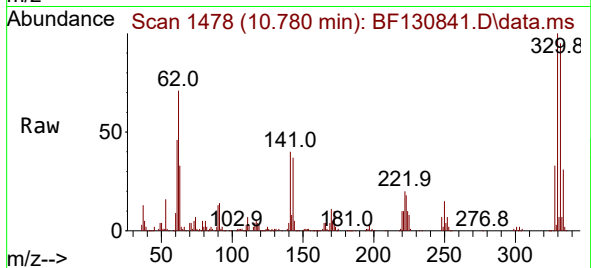
Acq: 29 Oct 2022 00:29

Instrument :

BNA_F

ClientSampleId :

TP6-1024



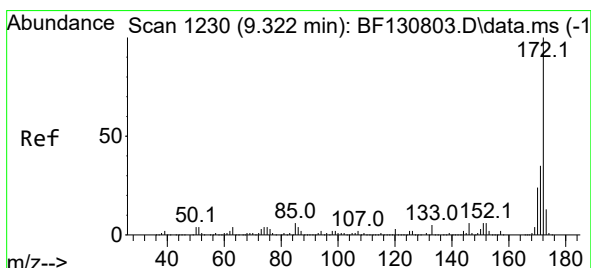
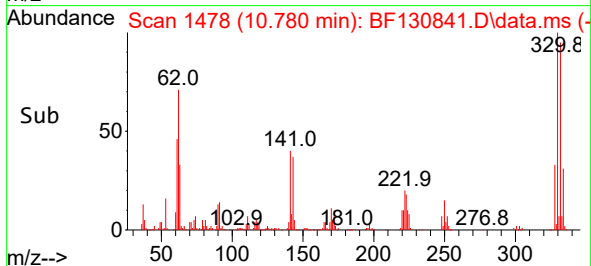
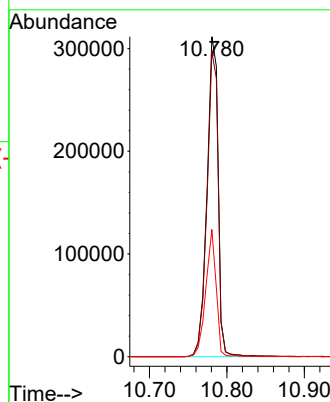
Tgt Ion:330 Resp: 312274

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

141 37.1 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 92.867 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF130841.D

Acq: 29 Oct 2022 00:29

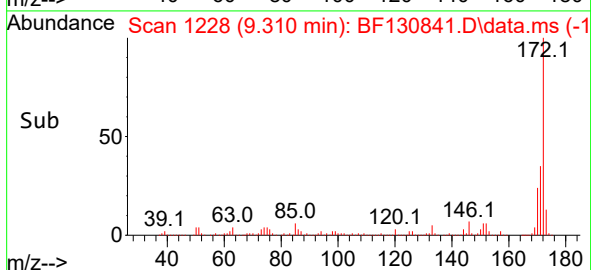
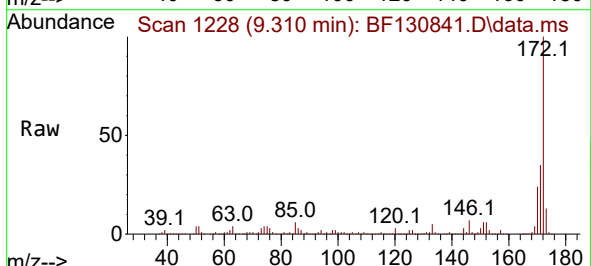
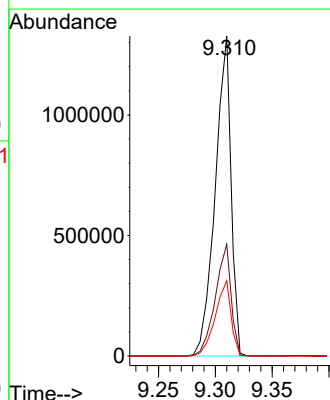
Tgt Ion:172 Resp: 1289250

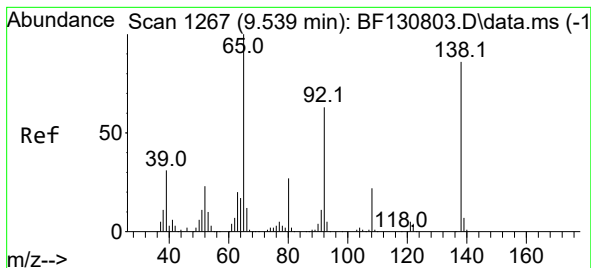
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.5 19.0 28.4





#48

2-Nitroaniline

Concen: 4.168 ng

RT: 9.486 min Scan# 11

Delta R.T. -0.047 min

Lab File: BF130841.D

Acq: 29 Oct 2022 00:29

Instrument :

BNA_F

ClientSampleId :

TP6-1024

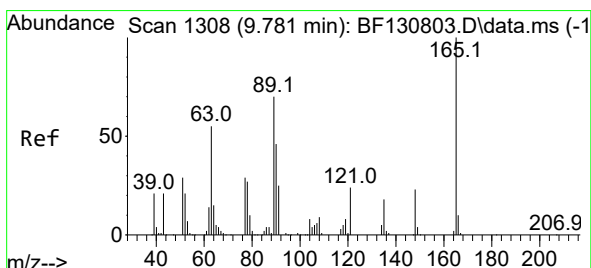
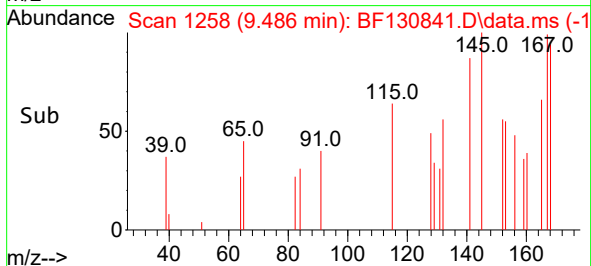
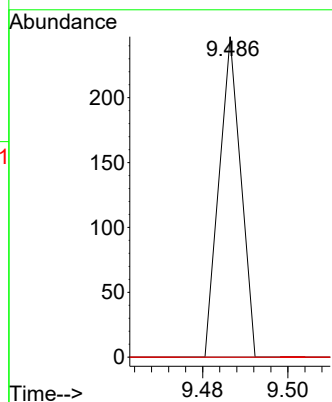
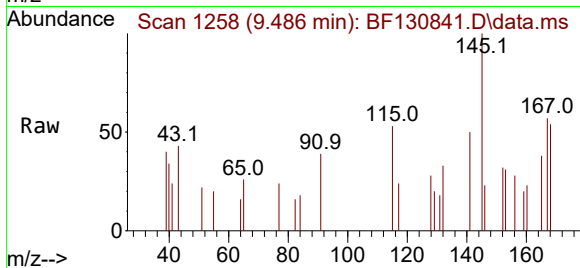
Tgt Ion: 65 Resp: 87

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: 12.513 ng

RT: 9.986 min Scan# 1343

Delta R.T. 0.212 min

Lab File: BF130841.D

Acq: 29 Oct 2022 00:29

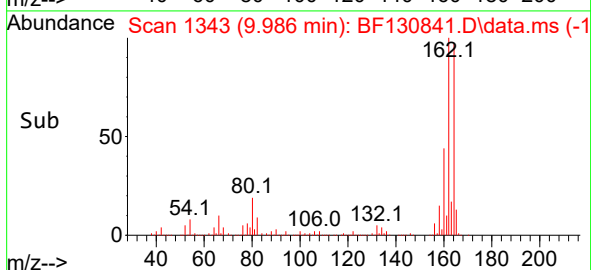
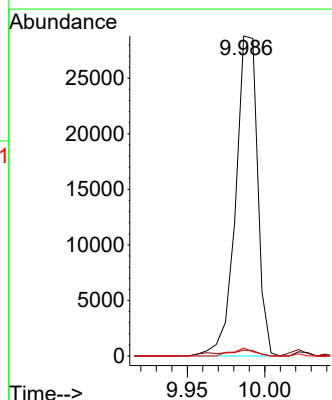
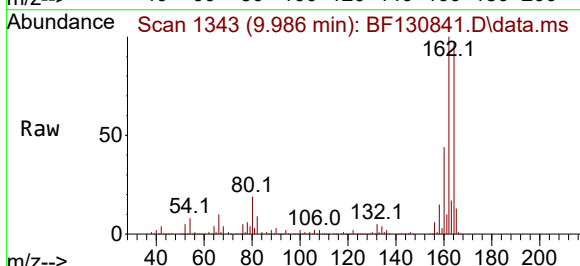
Tgt Ion: 165 Resp: 28294

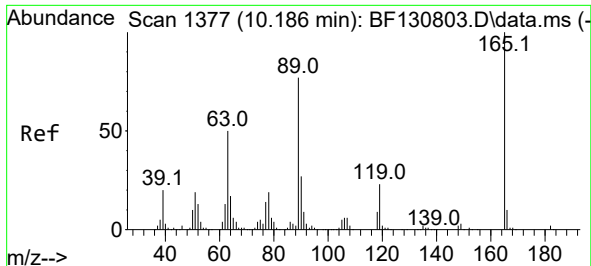
Ion Ratio Lower Upper

165 100

63 1.9 61.8 92.8#

89 2.4 56.2 84.4#

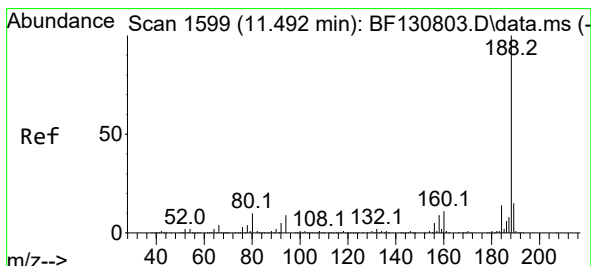
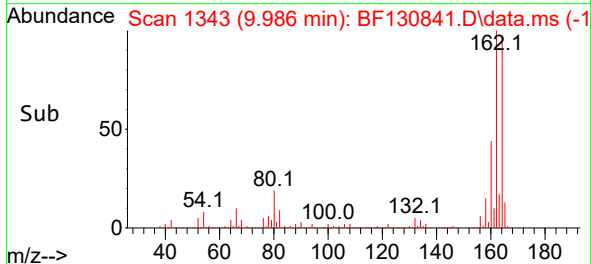
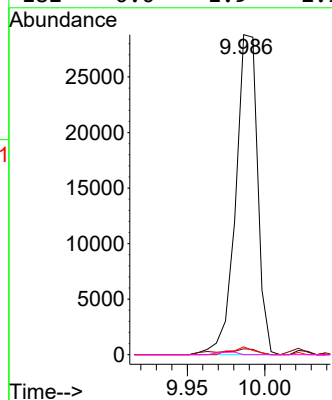
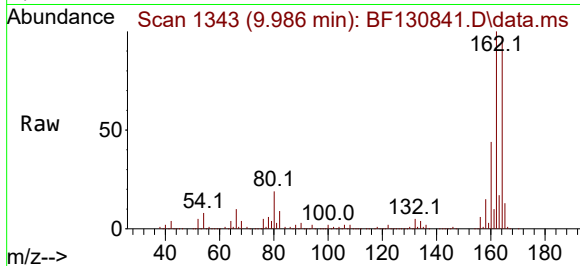




#57
2,4-Dinitrotoluene
Concen: 11.289 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130841.D
Acq: 29 Oct 2022 00:29

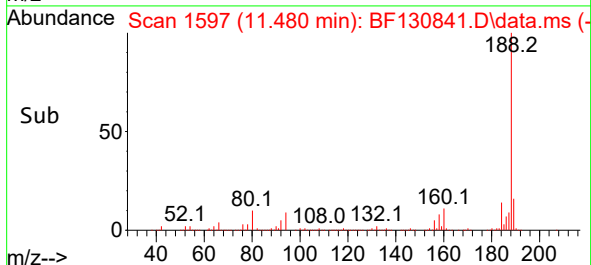
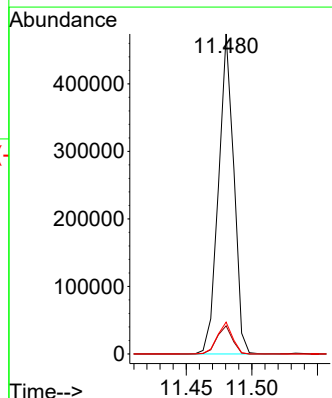
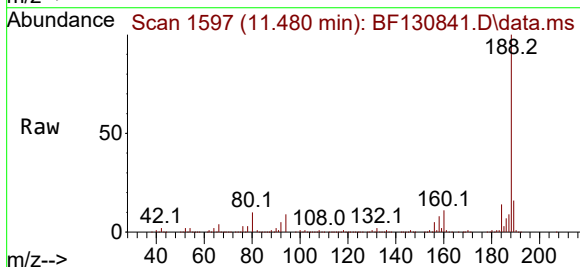
Instrument :
BNA_F
ClientSampleId :
TP6-1024

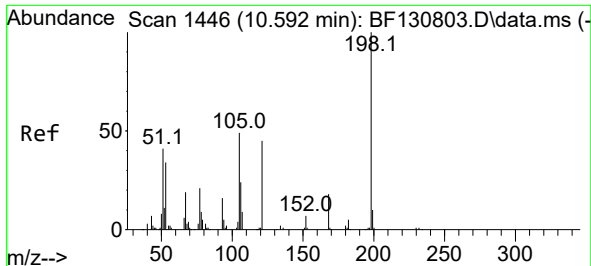
Tgt Ion:165 Resp: 28294
Ion Ratio Lower Upper
165 100
63 1.9 39.8 59.6#
89 2.4 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF130841.D
Acq: 29 Oct 2022 00:29

Tgt Ion:188 Resp: 383524
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 10.0 8.0 12.0

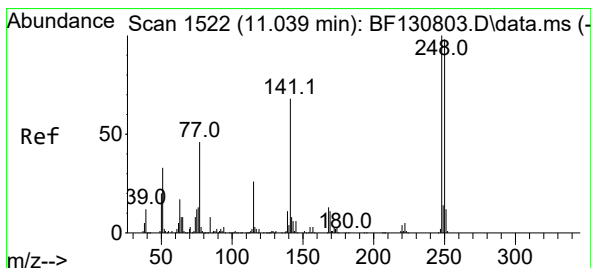
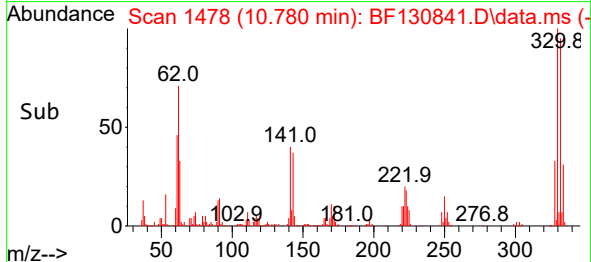
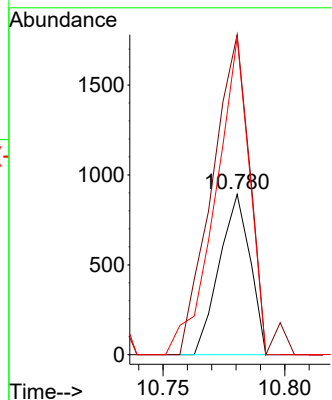
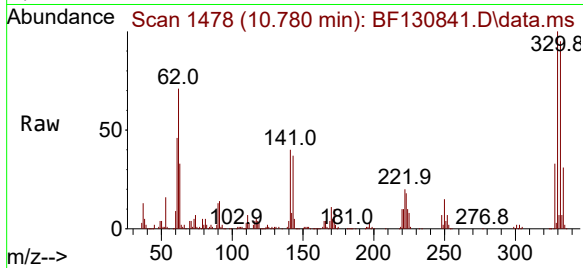




#65
4,6-Dinitro-2-methylphenol
Concen: 8.338 ng
RT: 10.780 min Scan# 1446
Delta R.T. 0.194 min
Lab File: BF130841.D
Acq: 29 Oct 2022 00:29

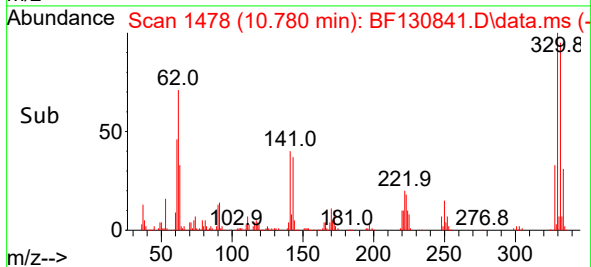
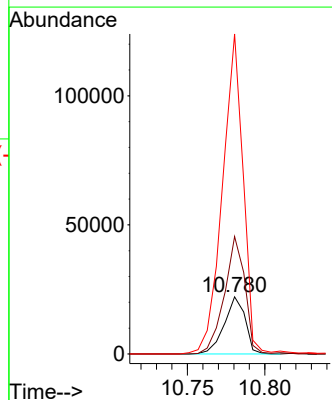
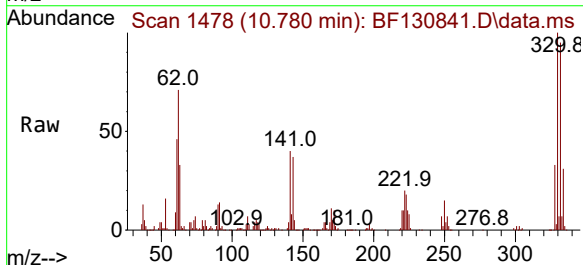
Instrument :
BNA_F
ClientSampleId :
TP6-1024

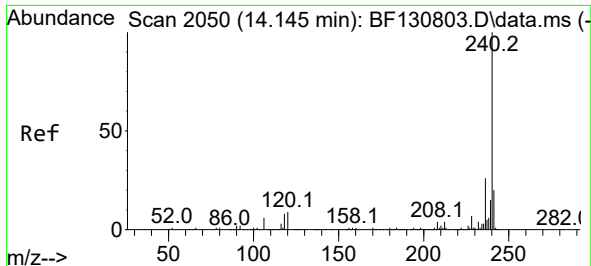
Tgt Ion:198 Resp: 786
Ion Ratio Lower Upper
198 100
51 199.6 39.0 79.0#
105 197.9 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 5.386 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.247 min
Lab File: BF130841.D
Acq: 29 Oct 2022 00:29

Tgt Ion:248 Resp: 20774
Ion Ratio Lower Upper
248 100
250 205.5 78.6 117.8#
141 560.0 54.2 81.4#

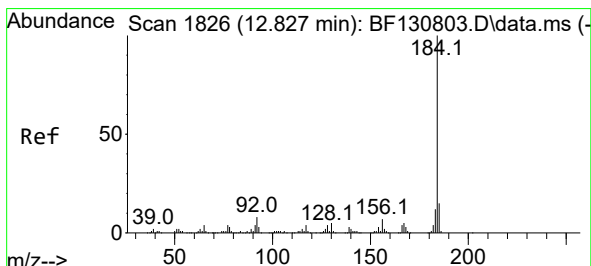
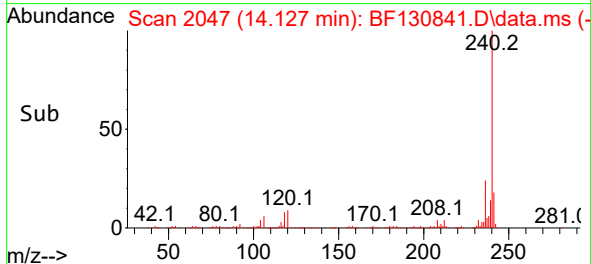
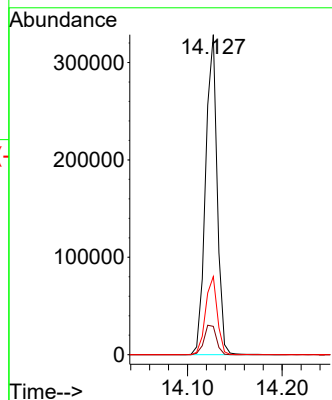
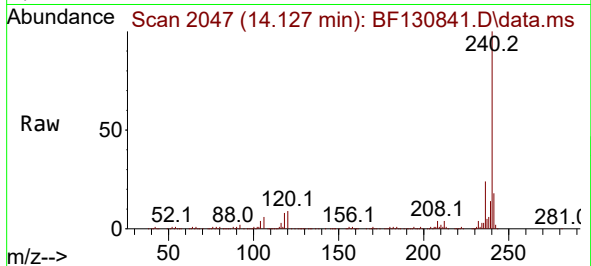




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF130841.D
Acq: 29 Oct 2022 00:29

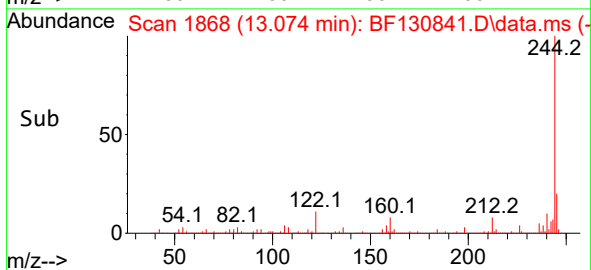
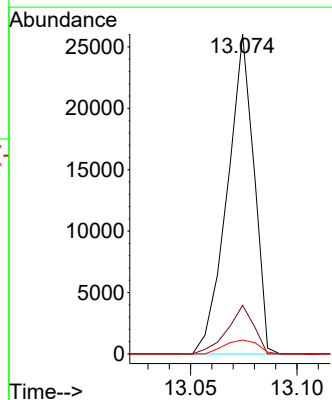
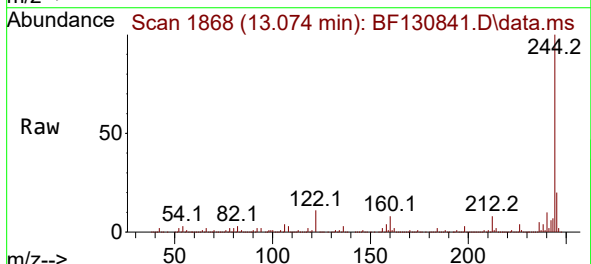
Instrument :
BNA_F
ClientSampleId :
TP6-1024

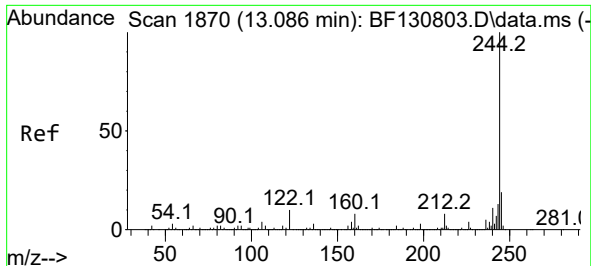
Tgt Ion:240 Resp: 278758
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.4
236 24.4 20.5 30.7



#77
Benzidine
Concen: 3.345 ng
RT: 13.074 min Scan# 1868
Delta R.T. 0.253 min
Lab File: BF130841.D
Acq: 29 Oct 2022 00:29

Tgt Ion:184 Resp: 22634
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.8
183 4.4 9.7 14.5#

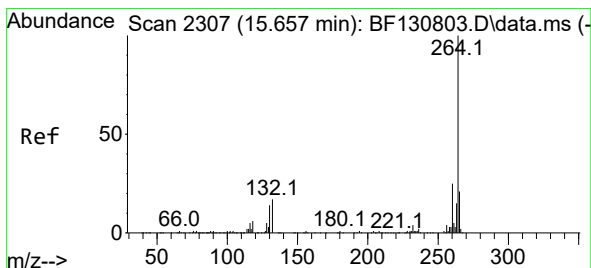
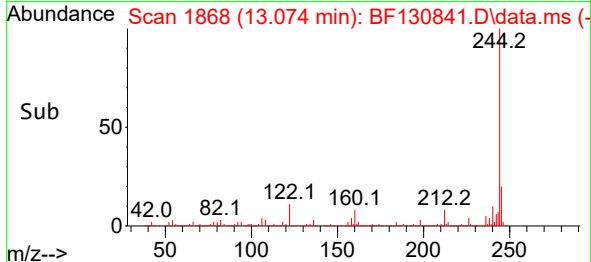
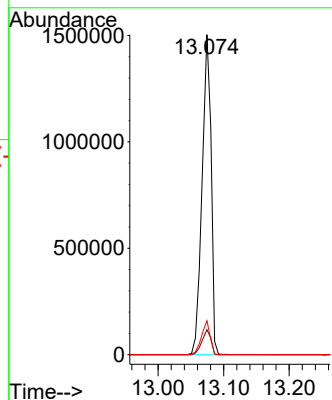
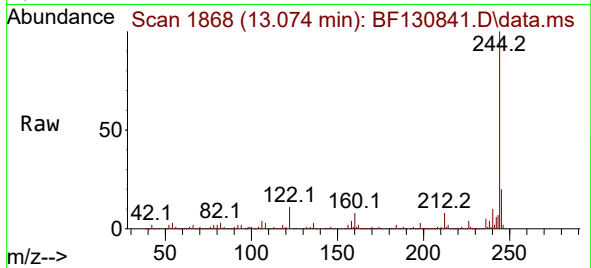




#79
 Terphenyl-d14
 Concen: 94.897 ng
 RT: 13.074 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130841.D
 Acq: 29 Oct 2022 00:29

Instrument :
 BNA_F
 ClientSampleId :
 TP6-1024

Tgt Ion:244 Resp: 1443605
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 10.6 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: BF130841.D
 Acq: 29 Oct 2022 00:29

Tgt Ion:264 Resp: 208121
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.9 29.9
 265 20.9 17.0 25.6

