

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
 Data File : BF130853.D
 Acq On : 29 Oct 2022 13:11
 Operator : CG\JU
 Sample : N5267-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-1024

Quant Time: Oct 30 23:23:02 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)

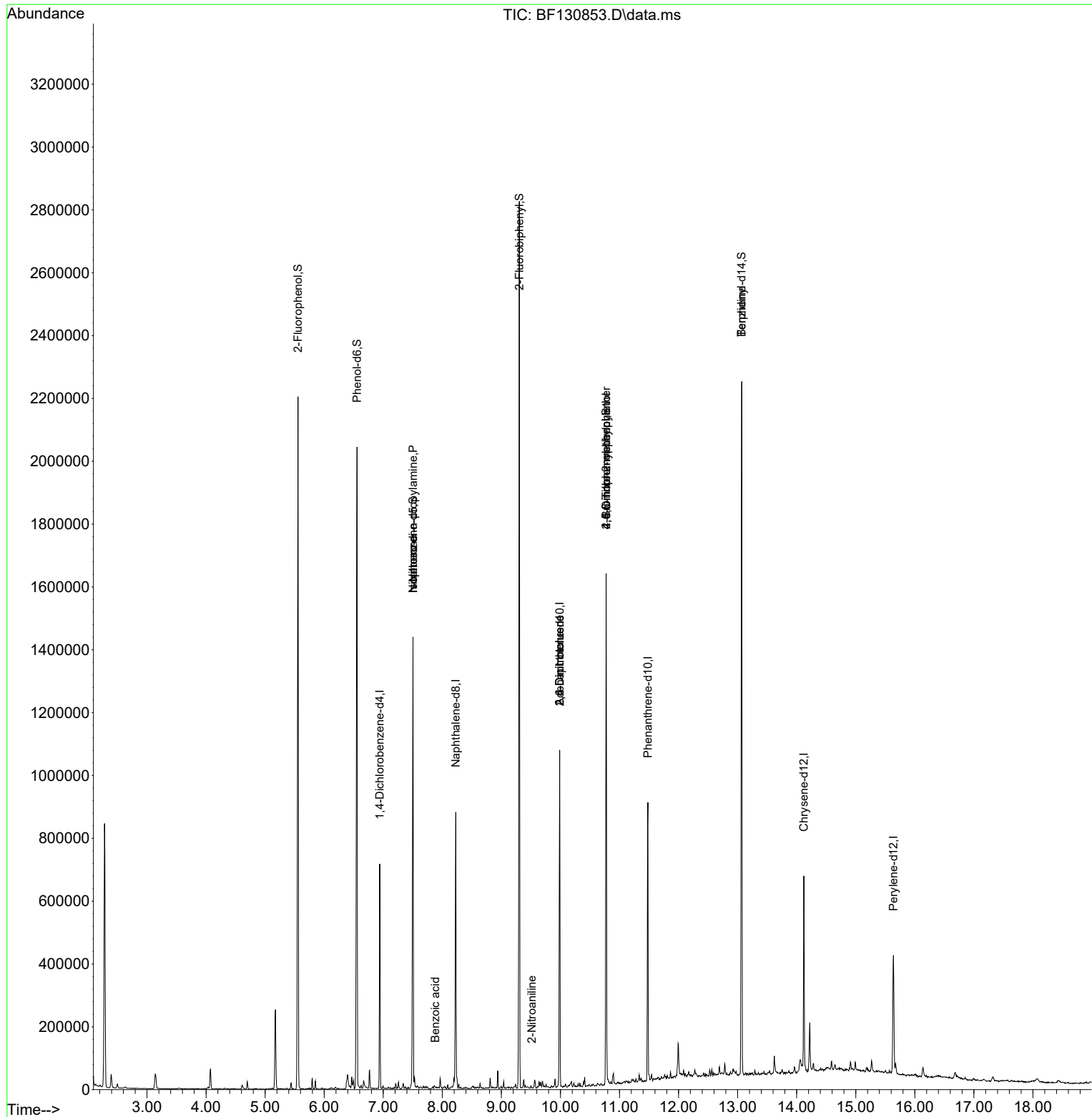
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	91293	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	351545	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	185609	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	320367	20.000	ng	0.00
76) Chrysene-d12	14.121	240	187754	20.000	ng	-0.01
86) Perylene-d12	15.639	264	172247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	506910	96.260	ng	0.00
7) Phenol-d6	6.557	99	653833	95.544	ng	0.00
23) Nitrobenzene-d5	7.504	82	416539	71.447	ng	-0.01
42) 2,4,6-Tribromophenol	10.775	330	161774	103.538	ng	-0.01
45) 2-Fluorobiphenyl	9.304	172	780999	63.616	ng	0.00
79) Terphenyl-d14	13.069	244	672125	65.598	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	59379	12.753	ng	# 79
25) Isophorone	7.504	82	416385	34.634	ng	# 66
32) Benzoic acid	7.881	122	349	7.762	ng	# 85
48) 2-Nitroaniline	9.516	65	63	4.164	ng	# 12
51) 2,6-Dinitrotoluene	9.986	165	24553	12.331	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	24553	11.148	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.775	198	447	8.207	ng	# 1
67) 4-Bromophenyl-phenylether	10.775	248	10860	3.371	ng	# 1
77) Benzidine	13.069	184	11091	2.433	ng	# 92

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

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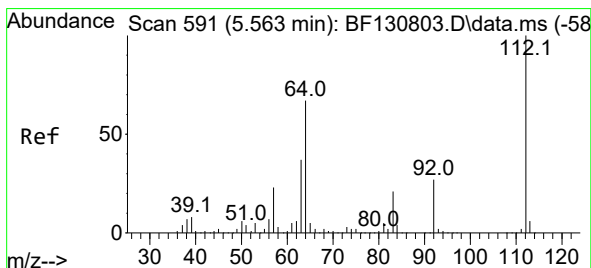
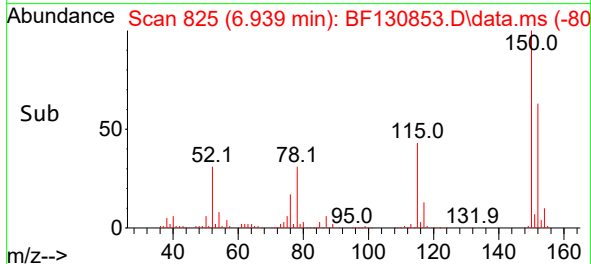
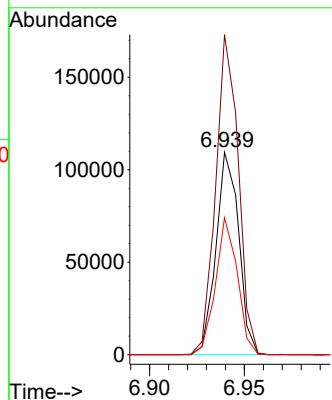
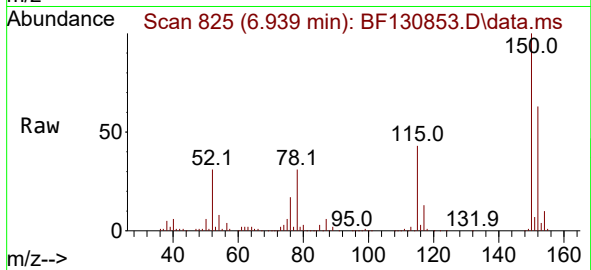




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130853.D
Acq: 29 Oct 2022 13:11

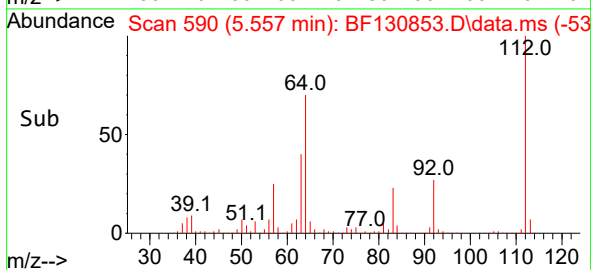
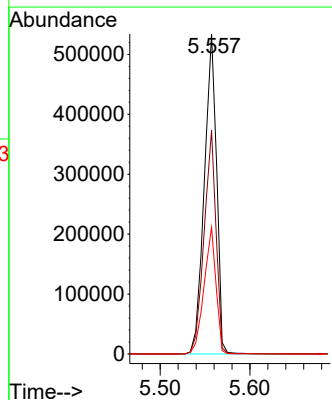
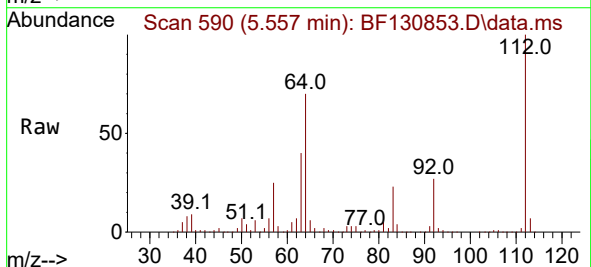
Instrument :
BNA_F
ClientSampleId :
TP1-1024

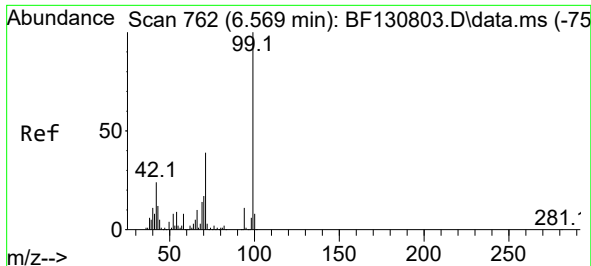
Tgt Ion:152 Resp: 91293
Ion Ratio Lower Upper
152 100
150 158.1 124.1 186.1
115 67.7 50.1 75.1



#5
2-Fluorophenol
Concen: 96.260 ng
RT: 5.557 min Scan# 590
Delta R.T. -0.000 min
Lab File: BF130853.D
Acq: 29 Oct 2022 13:11

Tgt Ion:112 Resp: 506910
Ion Ratio Lower Upper
112 100
64 69.9 53.9 80.9
63 39.6 29.4 44.2

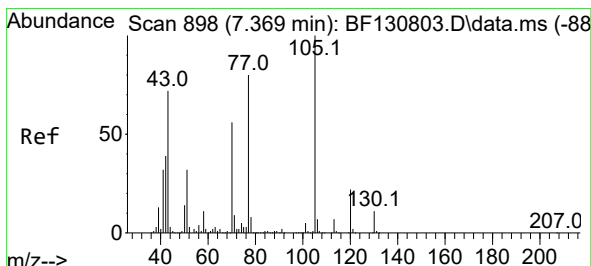
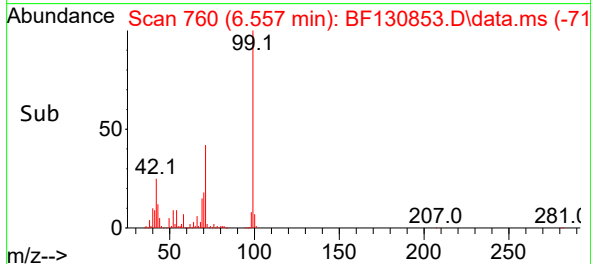
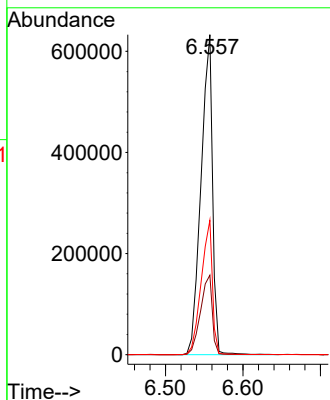
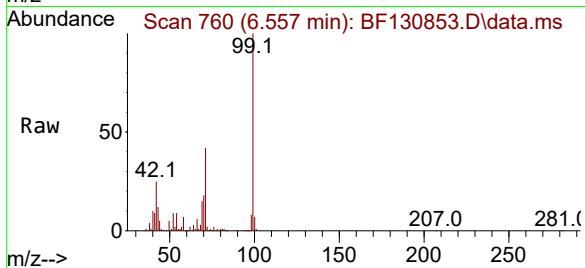




#7
Phenol-d6
Concen: 95.544 ng
RT: 6.557 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130853.D
Acq: 29 Oct 2022 13:11

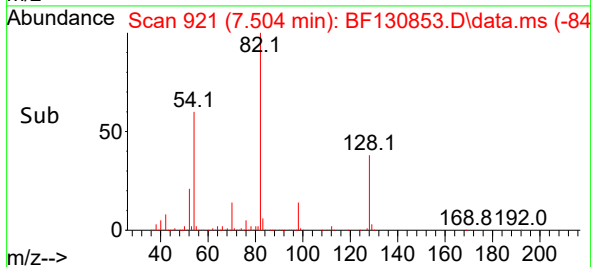
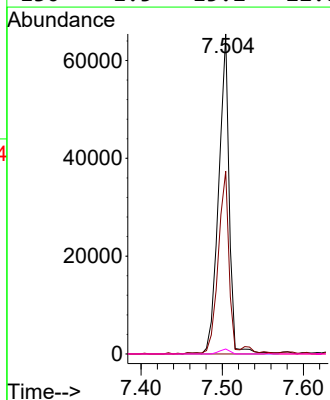
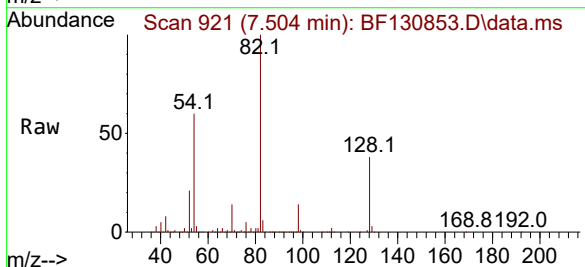
Instrument :
BNA_F
ClientSampleId :
TP1-1024

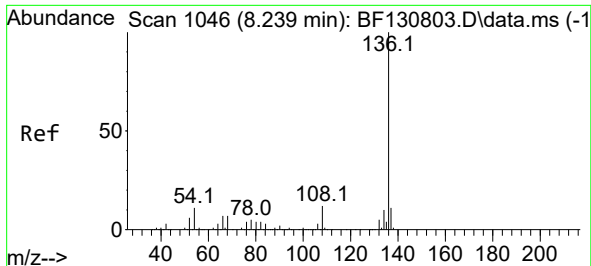
Tgt Ion: 99 Resp: 653833
Ion Ratio Lower Upper
99 100
42 24.9 18.8 28.2
71 42.0 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.753 ng
RT: 7.504 min Scan# 921
Delta R.T. 0.141 min
Lab File: BF130853.D
Acq: 29 Oct 2022 13:11

Tgt Ion: 70 Resp: 59379
Ion Ratio Lower Upper
70 100
42 57.1 56.1 84.1
101 0.0 7.3 10.9#
130 1.5 15.2 22.8#



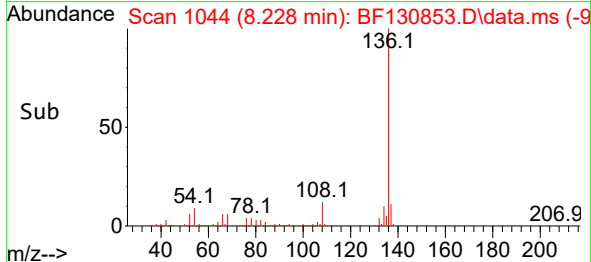
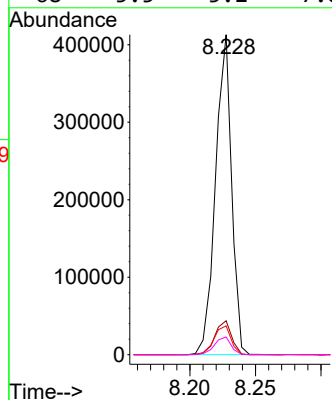
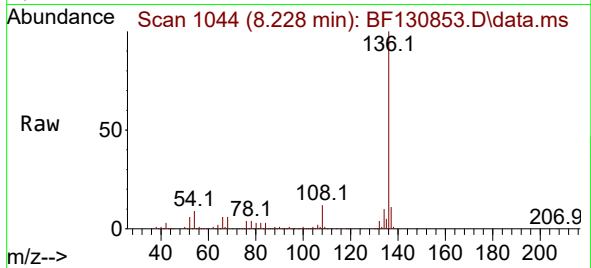


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130853.D
Acq: 29 Oct 2022 13:11

Instrument :
BNA_F
ClientSampleId :
TP1-1024

Tgt Ion:136 Resp: 351545

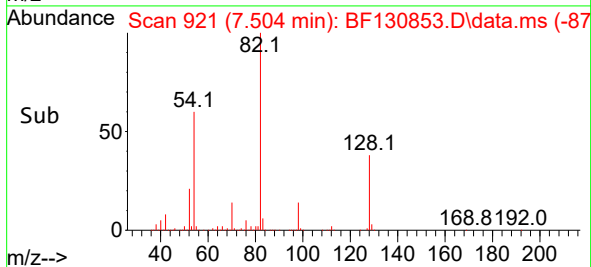
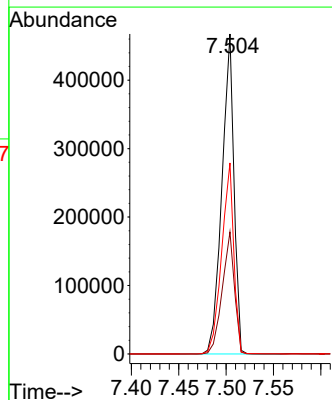
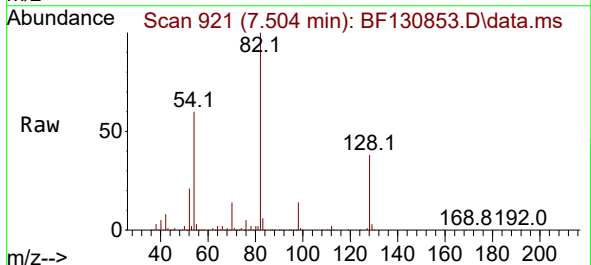
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	9.0	8.8	13.2
68	5.5	5.2	7.8



#23
Nitrobenzene-d5
Concen: 71.447 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.012 min
Lab File: BF130853.D
Acq: 29 Oct 2022 13:11

Tgt Ion: 82 Resp: 416539

Ion	Ratio	Lower	Upper
82	100		
128	38.2	31.2	46.8
54	59.7	48.0	72.0

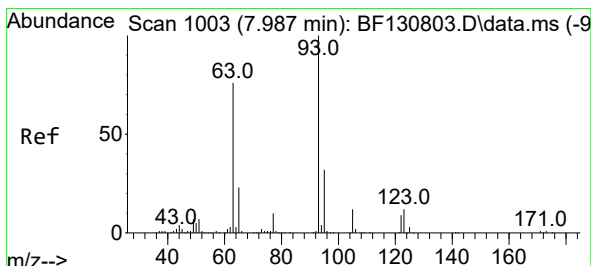
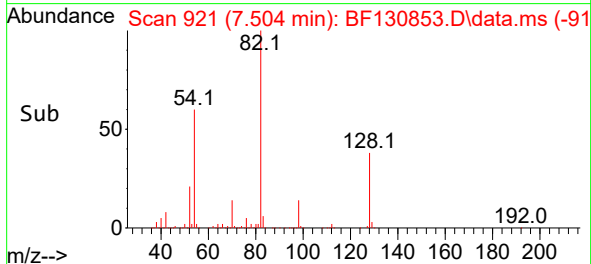
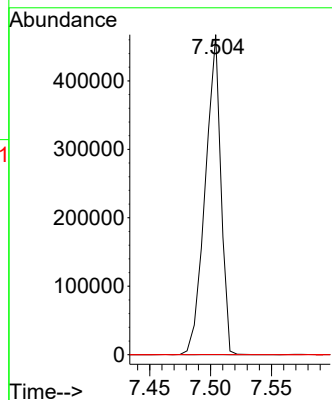
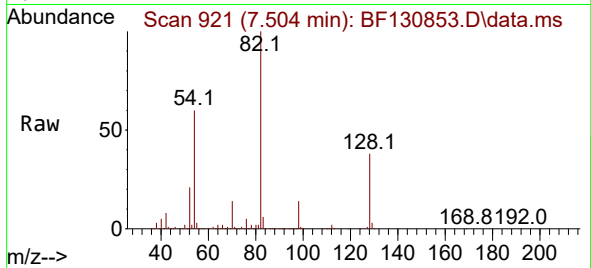




#25
Isophorone
Concen: 34.634 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130853.D
Acq: 29 Oct 2022 13:11

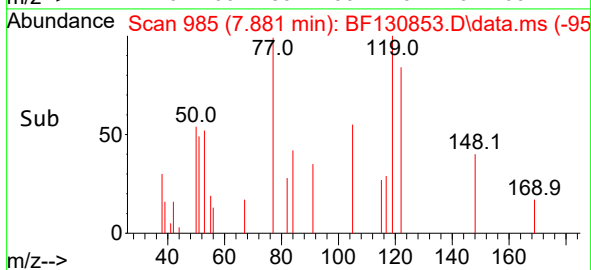
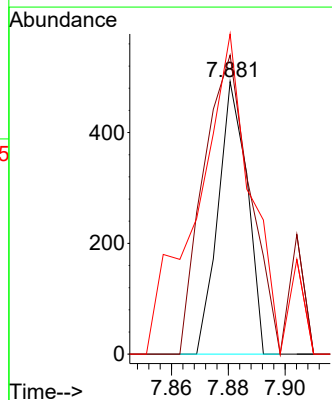
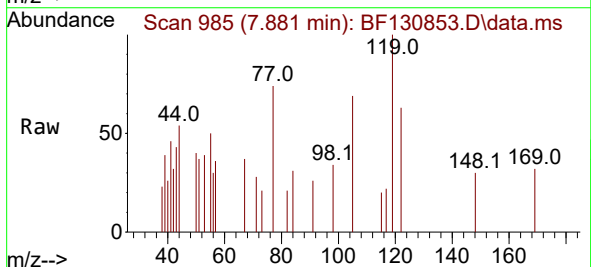
Instrument :
BNA_F
ClientSampleId :
TP1-1024

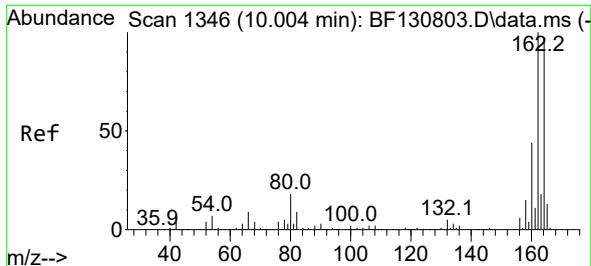
Tgt Ion: 82 Resp: 416385
Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.762 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.106 min
Lab File: BF130853.D
Acq: 29 Oct 2022 13:11

Tgt Ion: 122 Resp: 349
Ion Ratio Lower Upper
122 100
105 109.8 114.5 154.5#
77 117.5 89.8 129.8

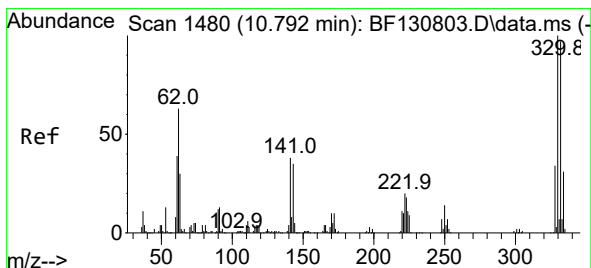
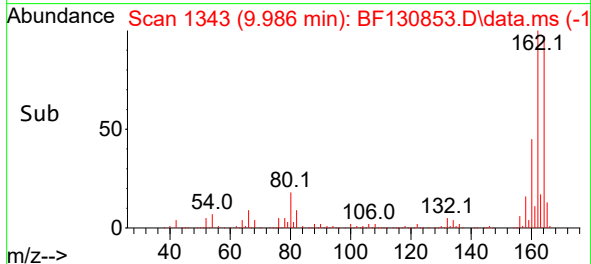
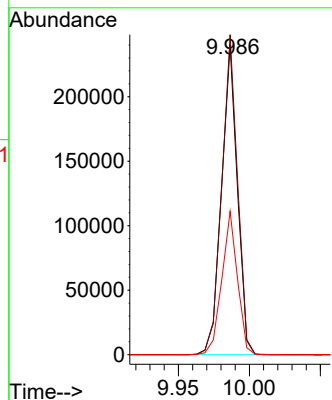
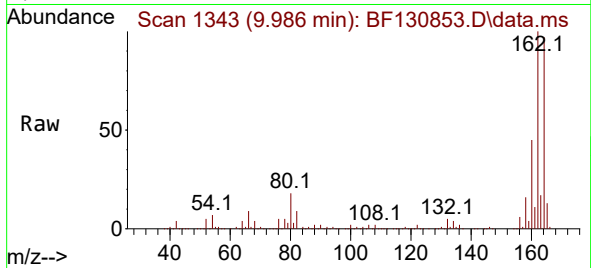




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF130853.D
Acq: 29 Oct 2022 13:11

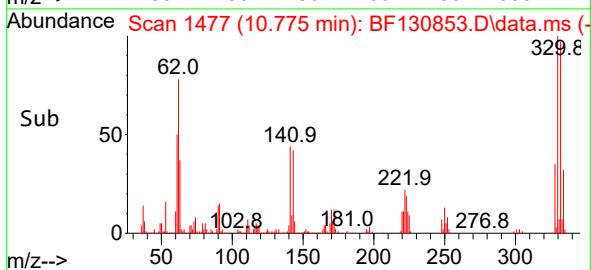
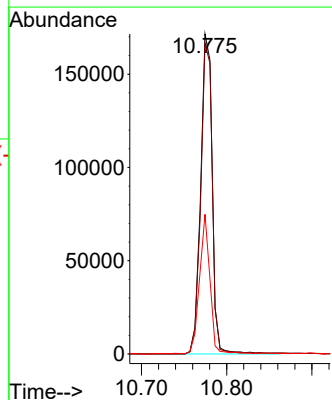
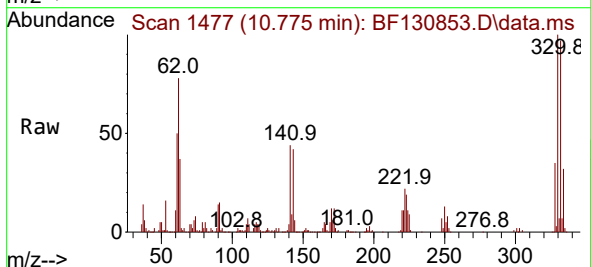
Instrument :
BNA_F
ClientSampleId :
TP1-1024

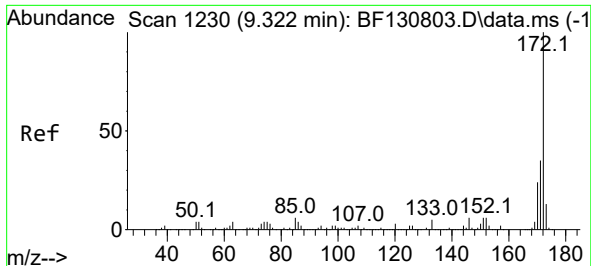
Tgt Ion:164 Resp: 185609
Ion Ratio Lower Upper
164 100
162 103.4 82.2 123.2
160 46.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 103.538 ng
RT: 10.775 min Scan# 1477
Delta R.T. -0.012 min
Lab File: BF130853.D
Acq: 29 Oct 2022 13:11

Tgt Ion:330 Resp: 161774
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 39.9 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 63.616 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF130853.D

Acq: 29 Oct 2022 13:11

Instrument :

BNA_F

ClientSampleId :

TP1-1024

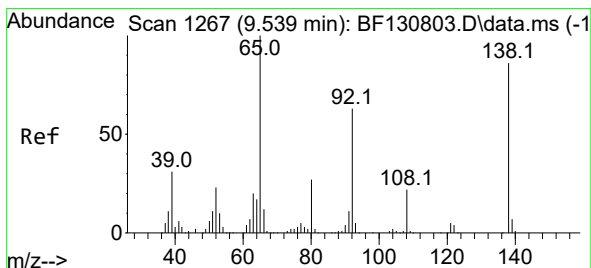
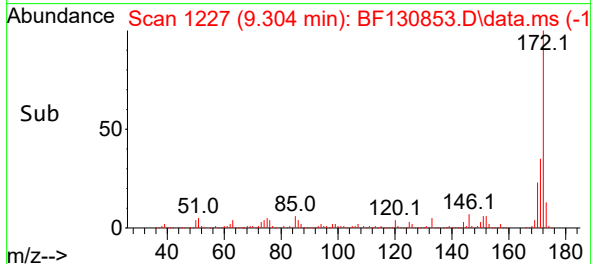
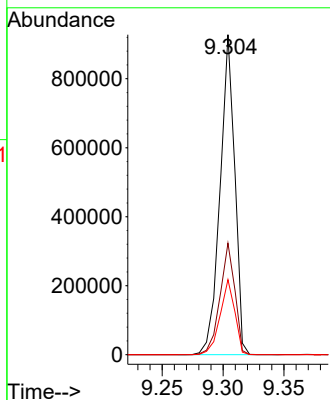
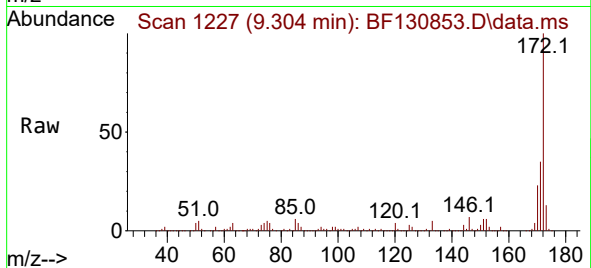
Tgt Ion:172 Resp: 780999

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.5 19.0 28.4



#48

2-Nitroaniline

Concen: 4.164 ng

RT: 9.516 min Scan# 1263

Delta R.T. -0.018 min

Lab File: BF130853.D

Acq: 29 Oct 2022 13:11

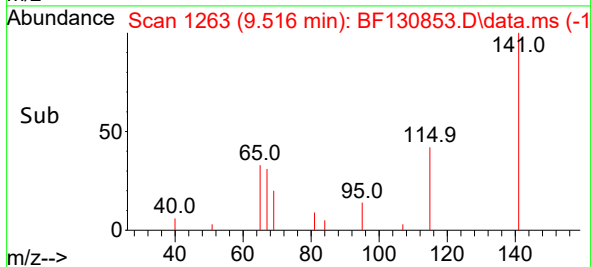
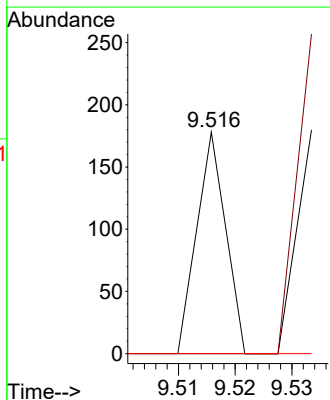
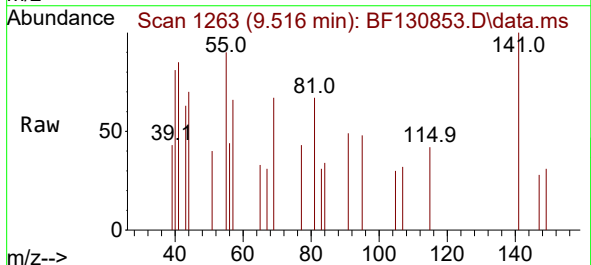
Tgt Ion: 65 Resp: 63

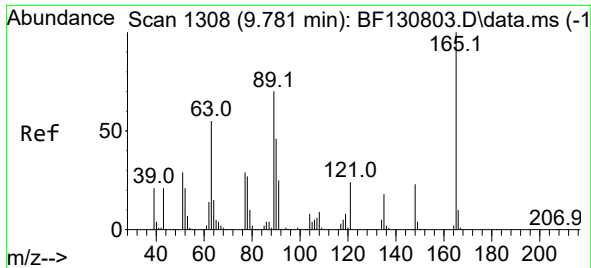
Ion Ratio Lower Upper

65 100

92 0.0 50.1 75.1#

138 0.0 69.2 103.8#

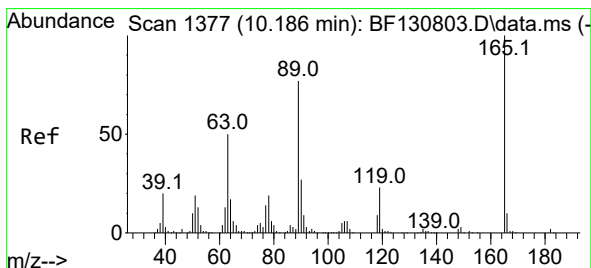
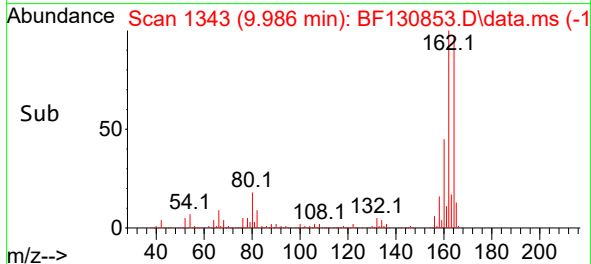
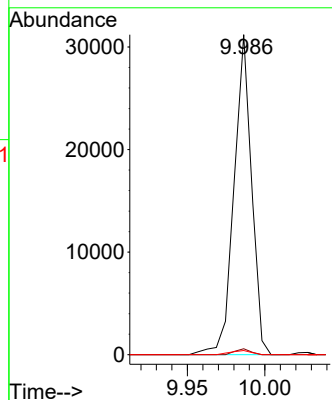
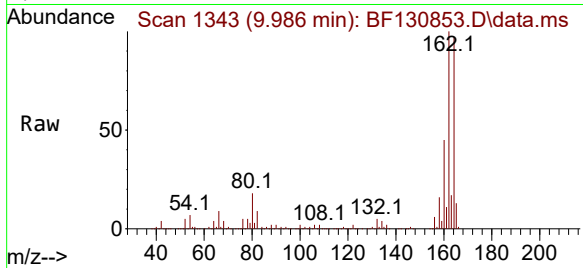




#51
2,6-Dinitrotoluene
Concen: 12.331 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.212 min
Lab File: BF130853.D
Acq: 29 Oct 2022 13:11

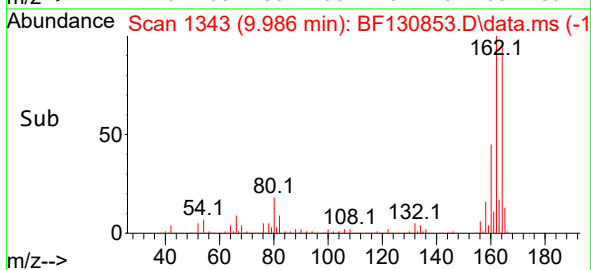
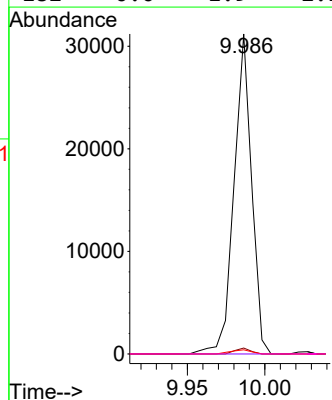
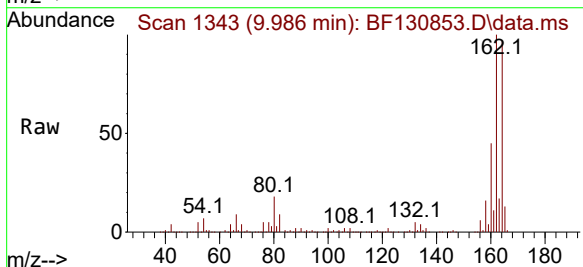
Instrument :
BNA_F
ClientSampleId :
TP1-1024

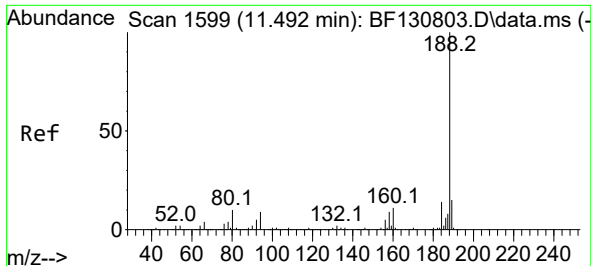
Tgt Ion:165 Resp: 24553
Ion Ratio Lower Upper
165 100
63 1.9 61.8 92.8#
89 1.3 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 11.148 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.194 min
Lab File: BF130853.D
Acq: 29 Oct 2022 13:11

Tgt Ion:165 Resp: 24553
Ion Ratio Lower Upper
165 100
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89 1.3 61.9 92.9#
182 0.0 1.9 2.9#

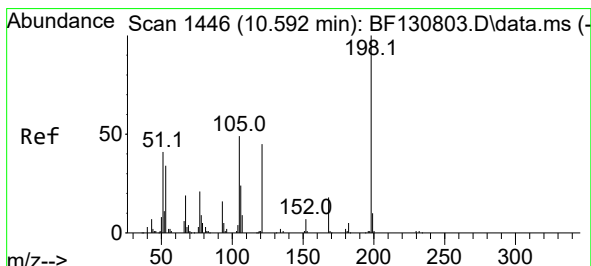
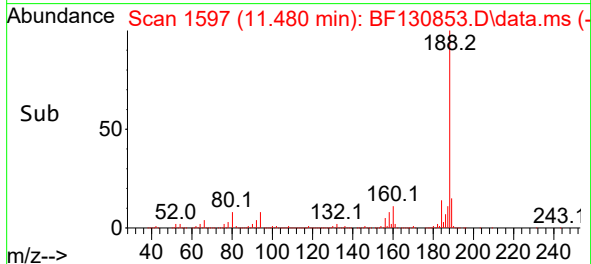
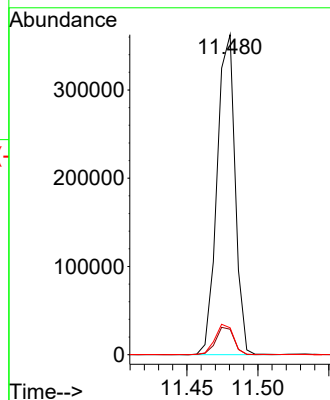
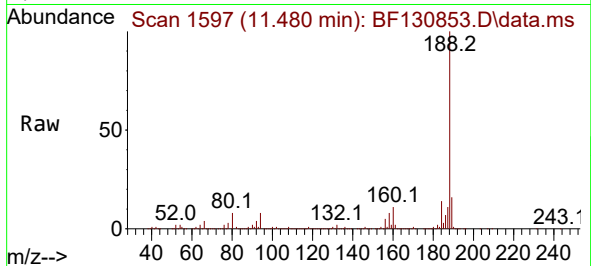




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130853.D
Acq: 29 Oct 2022 13:11

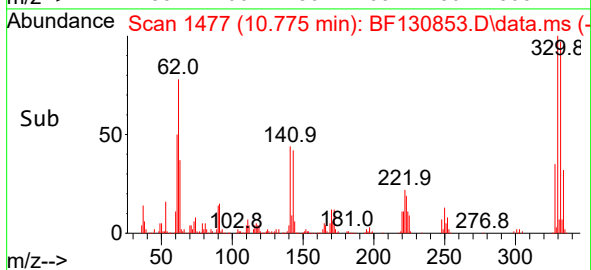
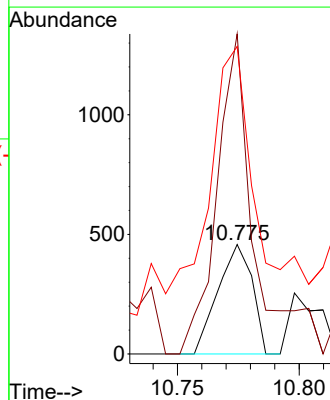
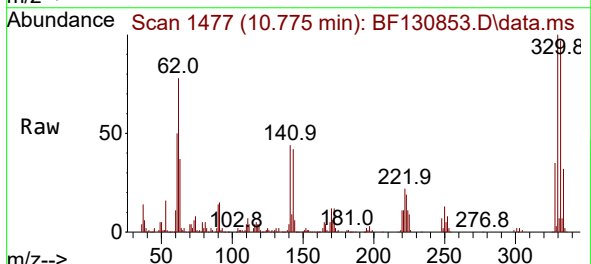
Instrument :
BNA_F
ClientSampleId :
TP1-1024

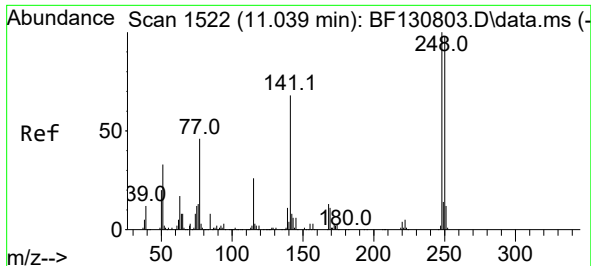
Tgt Ion:188 Resp: 320367
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.4 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.207 ng
RT: 10.775 min Scan# 1477
Delta R.T. 0.188 min
Lab File: BF130853.D
Acq: 29 Oct 2022 13:11

Tgt Ion:198 Resp: 447
Ion Ratio Lower Upper
198 100
51 292.1 39.0 79.0#
105 280.8 30.6 70.6#

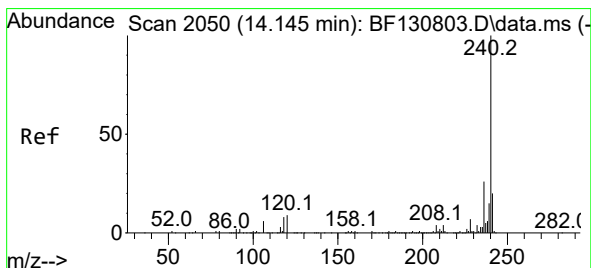
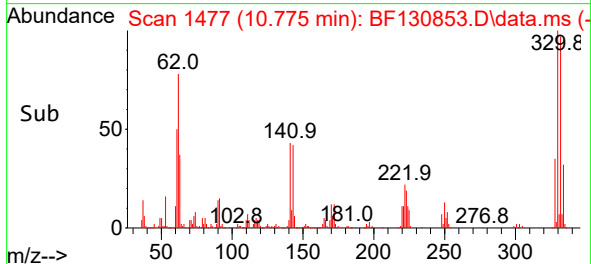
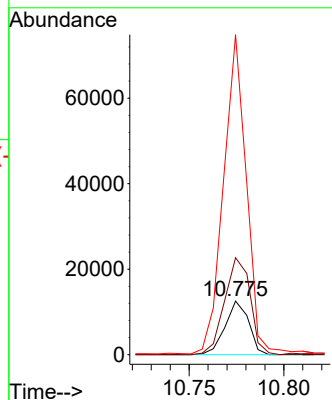
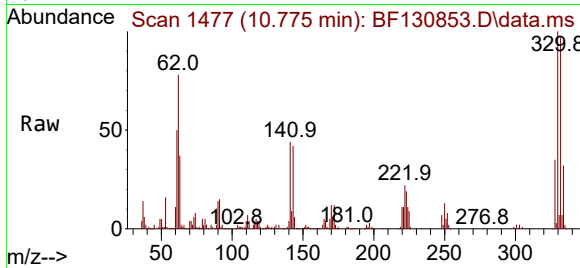




#67
4-Bromophenyl-phenylether
Concen: 3.371 ng
RT: 10.775 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF130853.D
Acq: 29 Oct 2022 13:11

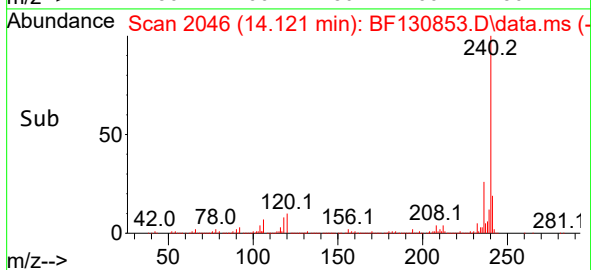
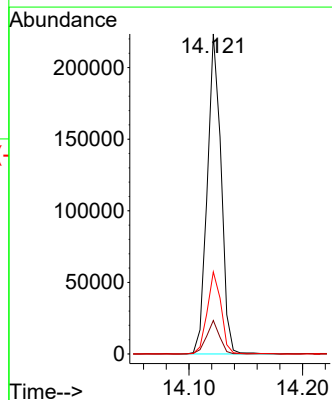
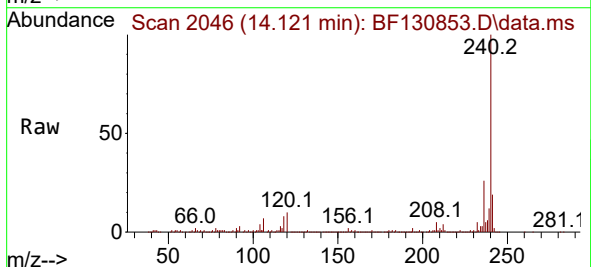
Instrument :
BNA_F
ClientSampleId :
TP1-1024

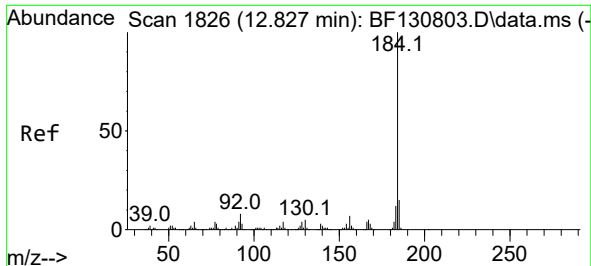
Tgt Ion:248 Resp: 10860
Ion Ratio Lower Upper
248 100
250 180.6 78.6 117.8#
141 596.3 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BF130853.D
Acq: 29 Oct 2022 13:11

Tgt Ion:240 Resp: 187754
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.4
236 25.7 20.5 30.7

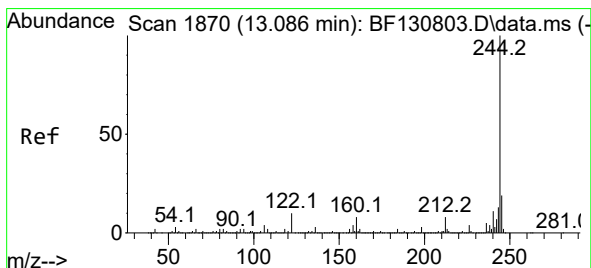
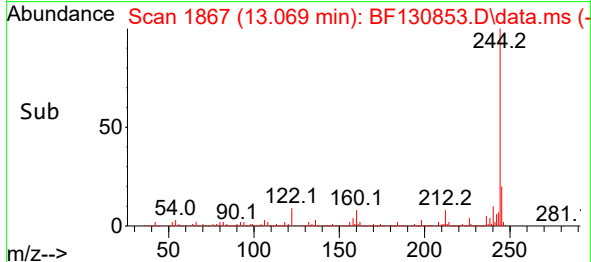
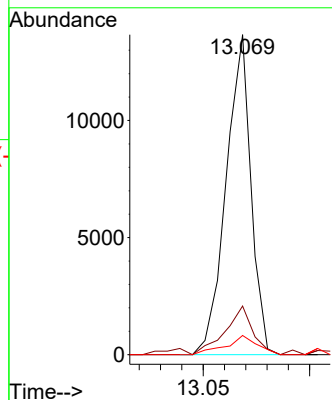
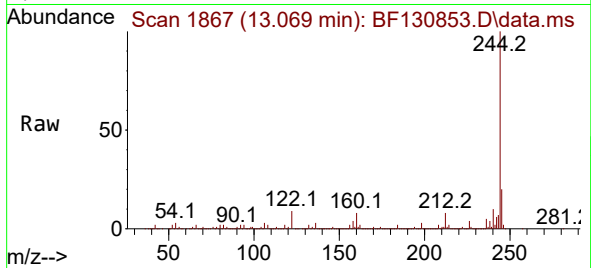




#77
Benzidine
Concen: 2.433 ng
RT: 13.069 min Scan# 1867
Delta R.T. 0.247 min
Lab File: BF130853.D
Acq: 29 Oct 2022 13:11

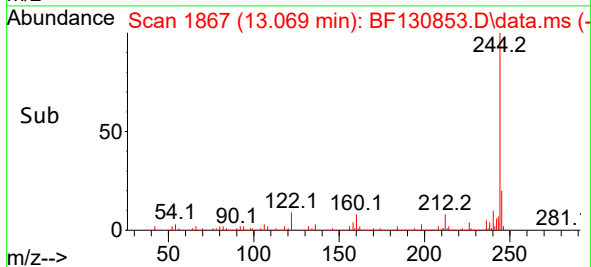
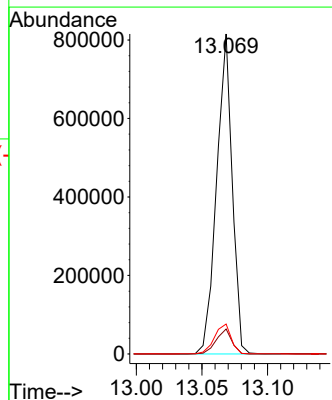
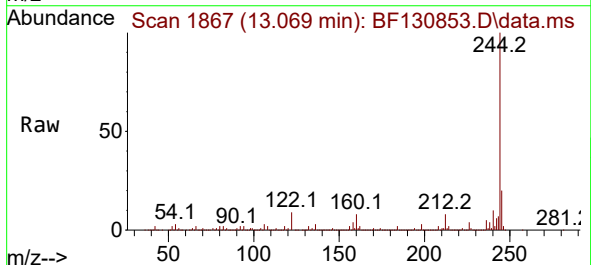
Instrument :
BNA_F
ClientSampleId :
TP1-1024

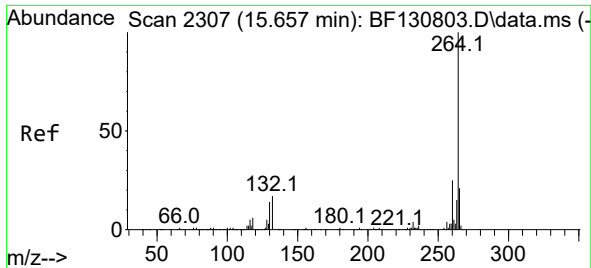
Tgt Ion:184 Resp: 11091
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.8
183 6.0 9.7 14.5#



#79
Terphenyl-d14
Concen: 65.598 ng
RT: 13.069 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BF130853.D
Acq: 29 Oct 2022 13:11

Tgt Ion:244 Resp: 672125
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 9.4 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: BF130853.D
Acq: 29 Oct 2022 13:11

Instrument :
BNA_F
ClientSampleId :
TP1-1024

Tgt Ion:264 Resp: 172247

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.9	29.9
265	20.4	17.0	25.6

