

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130839.D
 Acq On : 28 Oct 2022 23:29
 Operator : CG\JU
 Sample : N5267-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4-1024

Quant Time: Oct 29 05:47:26 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)

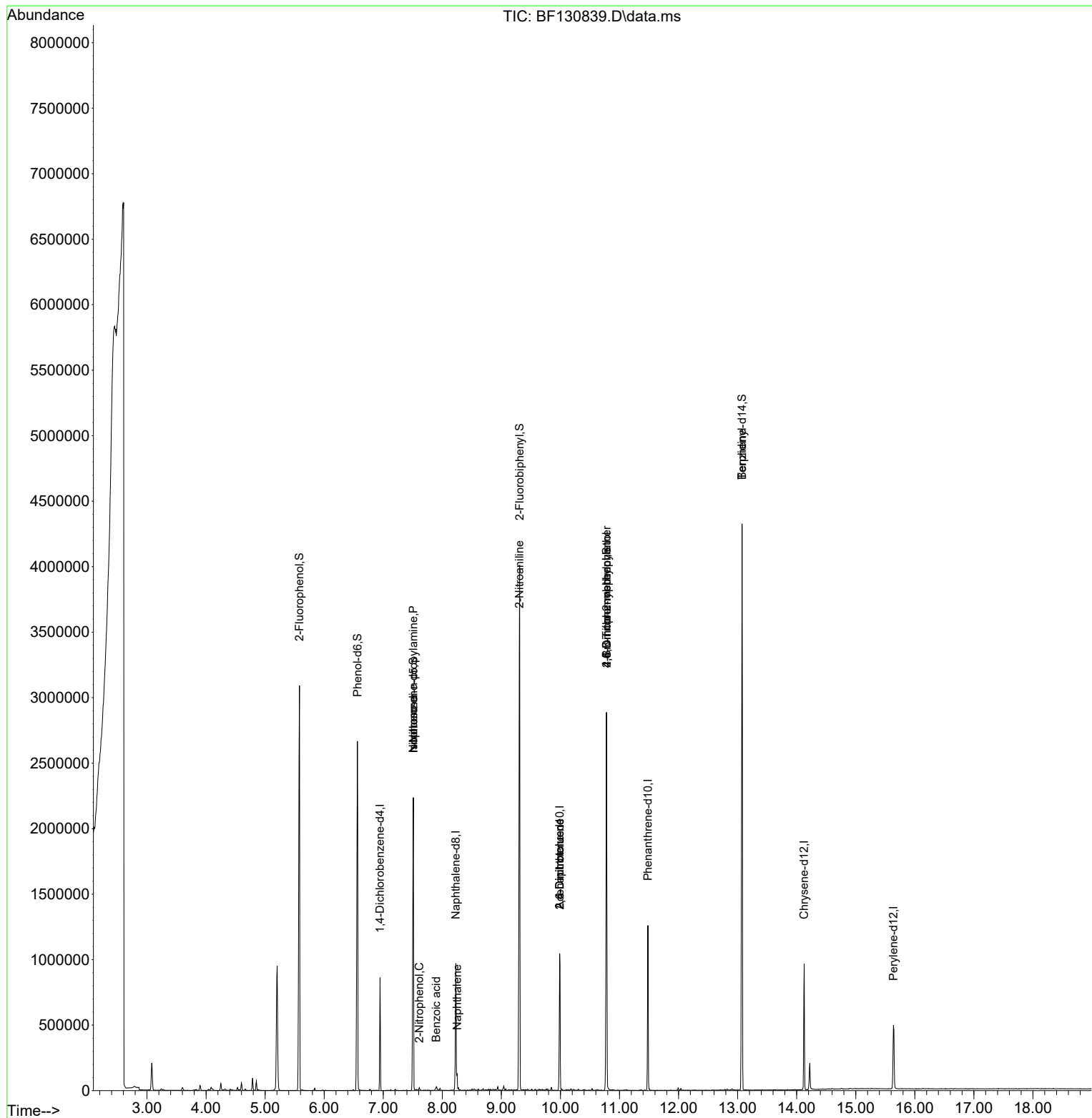
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	107161	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	407435	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	221739	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	422347	20.000	ng	0.00
76) Chrysene-d12	14.127	240	302602	20.000	ng	0.00
86) Perylene-d12	15.639	264	224295	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	807903	130.700	ng	0.02
7) Phenol-d6	6.563	99	980010	122.003	ng	0.00
23) Nitrobenzene-d5	7.510	82	727354	107.646	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	327551	175.480	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1348060	91.915	ng	0.00
79) Terphenyl-d14	13.074	244	1535869	93.007	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.510	70	102304	18.719	ng	# 77
25) Isophorone	7.510	82	727341	52.200	ng	# 66
26) 2-Nitrophenol	7.610	139	135	4.124	ng	# 30
31) Naphthalene	8.251	128	49930	2.349	ng	98
32) Benzoic acid	7.898	122	7189	9.145	ng	92
48) 2-Nitroaniline	9.304	65	2788	4.772	ng	# 1
51) 2,6-Dinitrotoluene	9.986	165	29841	12.497	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	29841	11.277	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.780	198	898	8.353	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	21348	5.026	ng	# 1
77) Benzidine	13.074	184	23319	3.175	ng	# 88

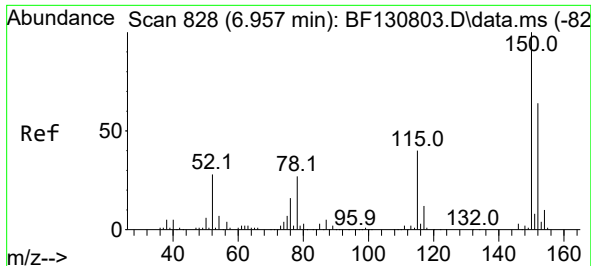
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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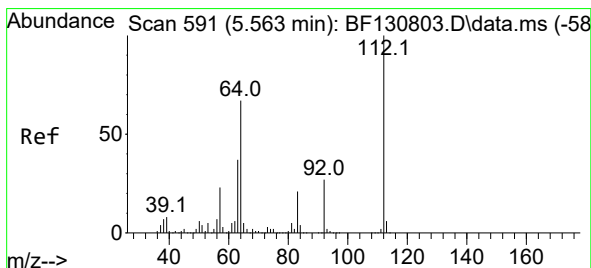
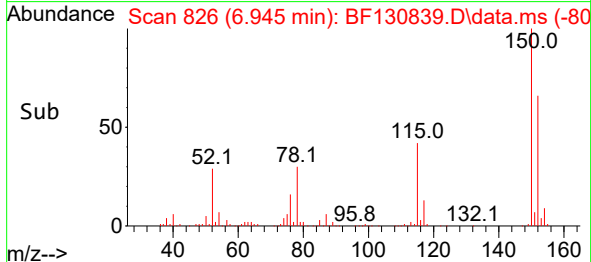
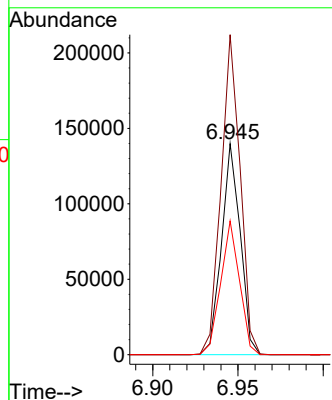
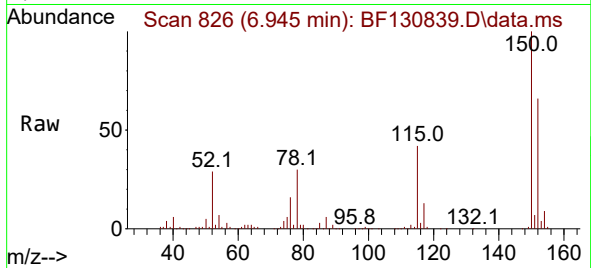




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF130839.D
 Acq: 28 Oct 2022 23:29

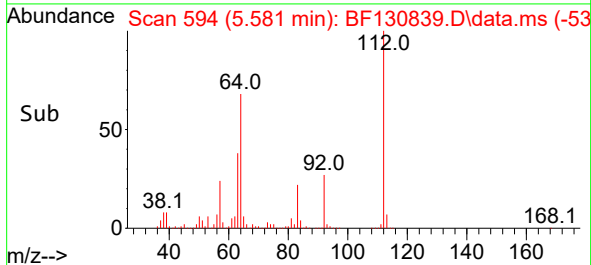
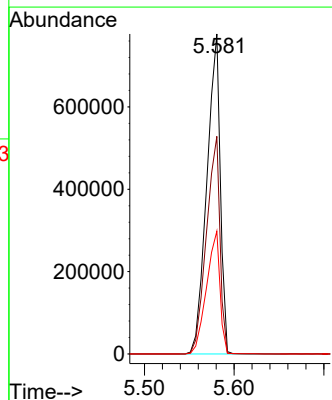
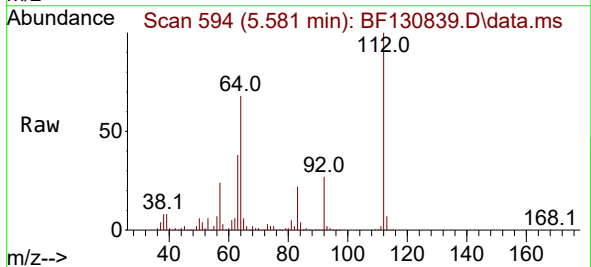
Instrument :
 BNA_F
 ClientSampleId :
 TP4-1024

Tgt Ion:152 Resp: 107161
 Ion Ratio Lower Upper
 152 100
 150 151.6 124.1 186.1
 115 63.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 130.700 ng
 RT: 5.581 min Scan# 594
 Delta R.T. 0.023 min
 Lab File: BF130839.D
 Acq: 28 Oct 2022 23:29

Tgt Ion:112 Resp: 807903
 Ion Ratio Lower Upper
 112 100
 64 68.0 53.9 80.9
 63 38.4 29.4 44.2

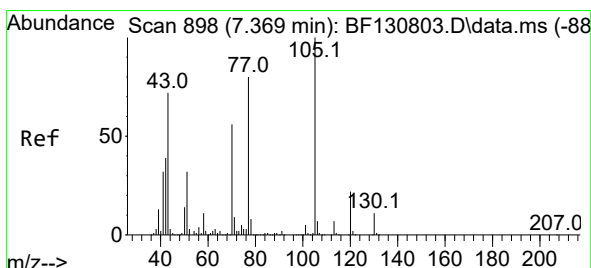
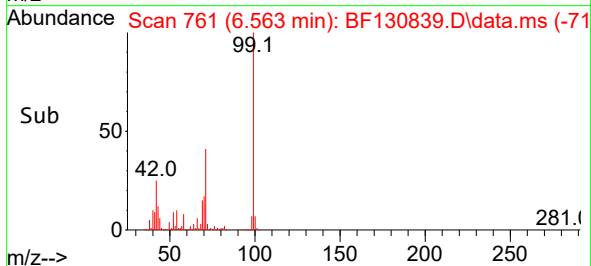
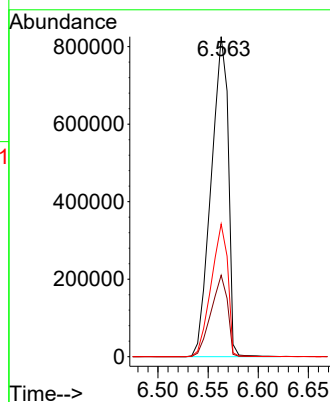
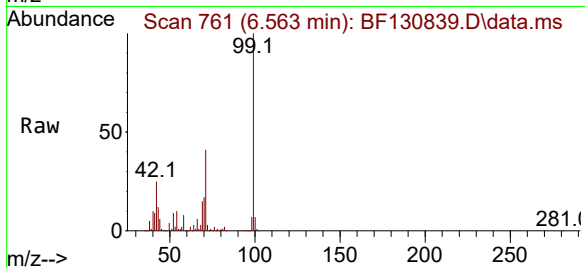




#7
Phenol-d6
Concen: 122.003 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130839.D
Acq: 28 Oct 2022 23:29

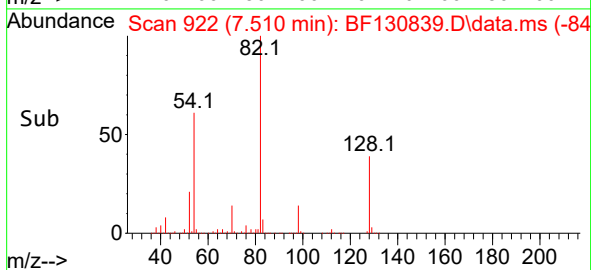
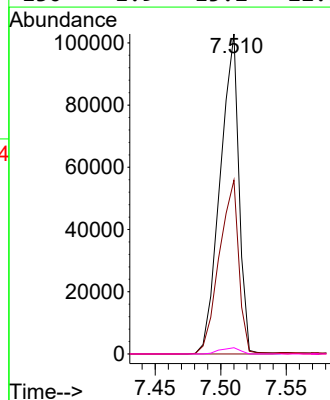
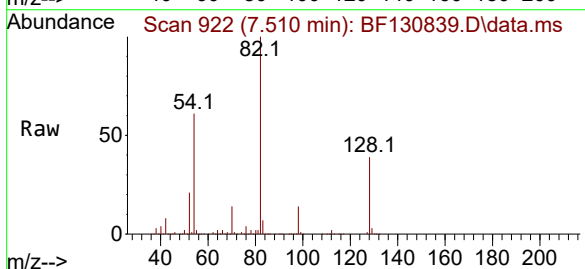
Instrument :
BNA_F
ClientSampleId :
TP4-1024

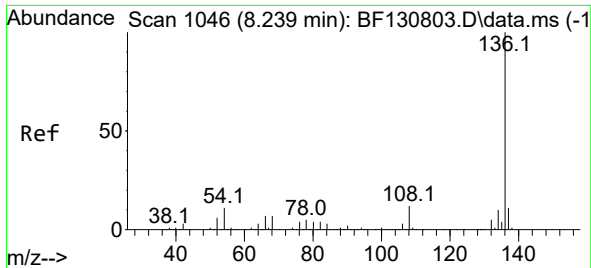
Tgt Ion: 99 Resp: 980010
Ion Ratio Lower Upper
99 100
42 25.5 18.8 28.2
71 41.4 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.719 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF130839.D
Acq: 28 Oct 2022 23:29

Tgt Ion: 70 Resp: 102304
Ion Ratio Lower Upper
70 100
42 54.3 56.1 84.1#
101 0.0 7.3 10.9#
130 1.9 15.2 22.8#



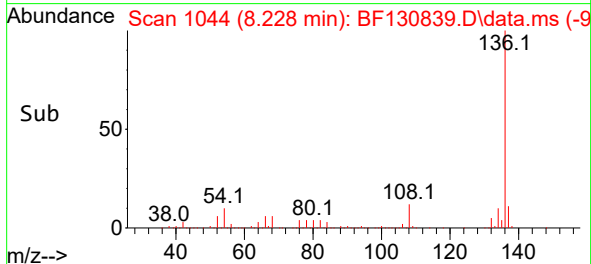
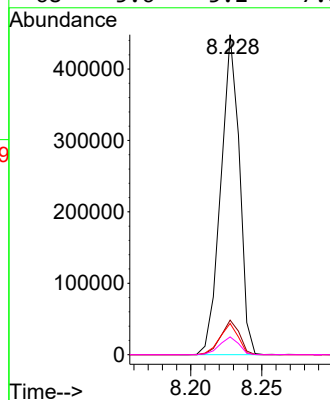
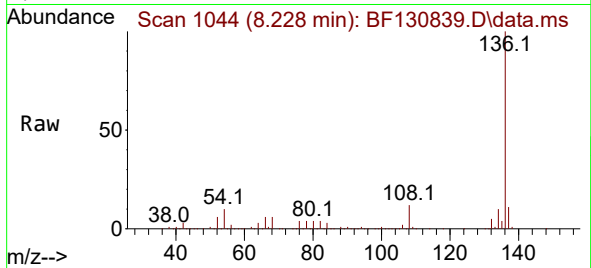


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130839.D
Acq: 28 Oct 2022 23:29

Instrument :
BNA_F
ClientSampleId :
TP4-1024

Tgt Ion:136 Resp: 407435

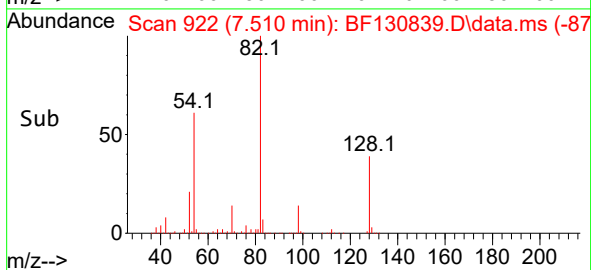
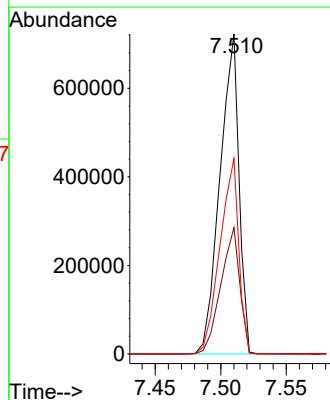
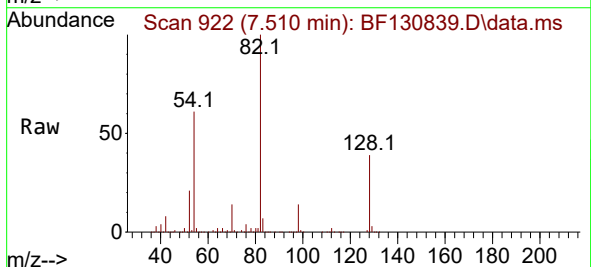
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	9.7	8.8	13.2
68	5.6	5.2	7.8



#23
Nitrobenzene-d5
Concen: 107.646 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF130839.D
Acq: 28 Oct 2022 23:29

Tgt Ion: 82 Resp: 727354

Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.2	46.8
54	61.1	48.0	72.0

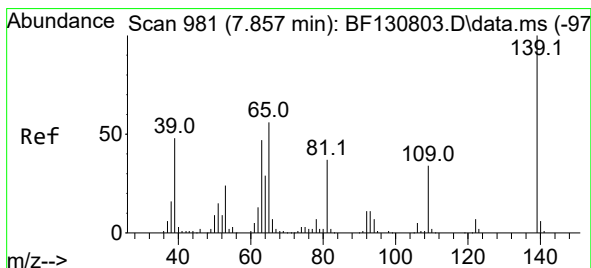
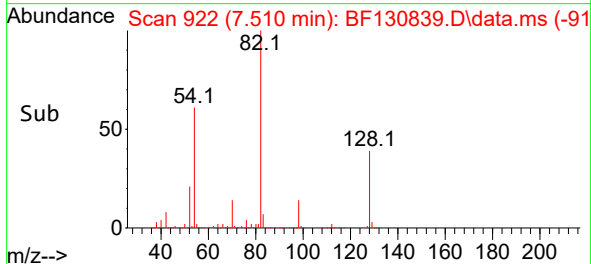
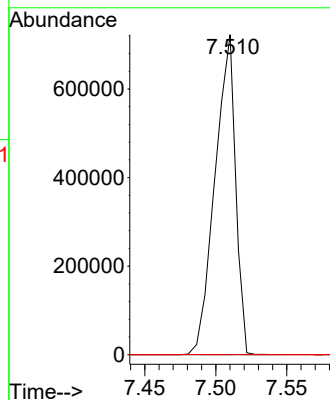
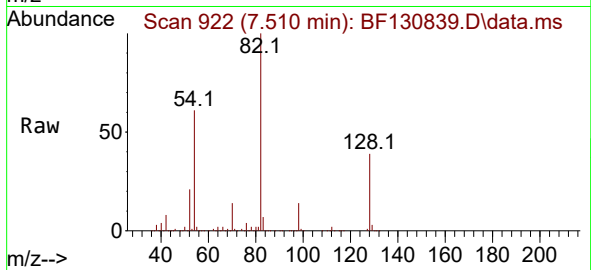




#25
Isophorone
Concen: 52.200 ng
RT: 7.510 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF130839.D
Acq: 28 Oct 2022 23:29

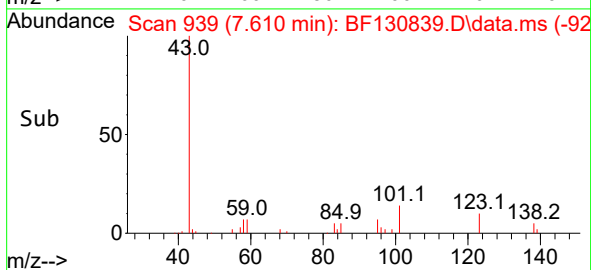
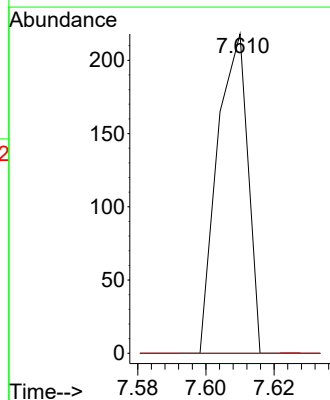
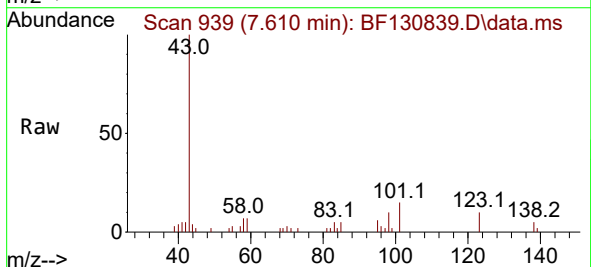
Instrument :
BNA_F
ClientSampleId :
TP4-1024

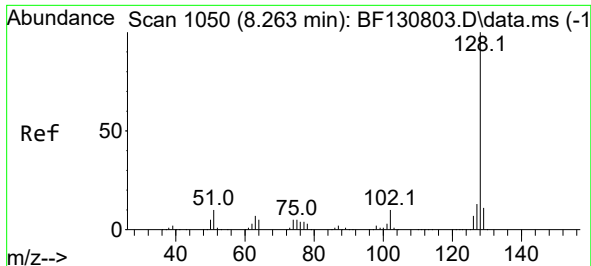
Tgt Ion: 82 Resp: 727341
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#26
2-Nitrophenol
Concen: 4.124 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.235 min
Lab File: BF130839.D
Acq: 28 Oct 2022 23:29

Tgt Ion:139 Resp: 135
Ion Ratio Lower Upper
139 100
109 0.0 27.3 40.9#
65 0.0 44.6 67.0#

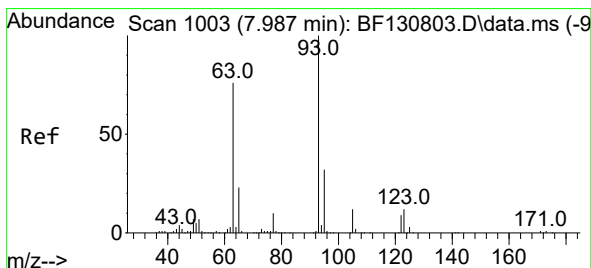
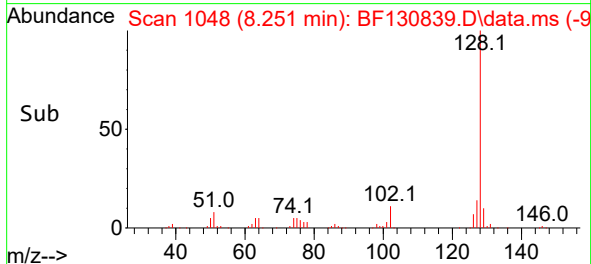
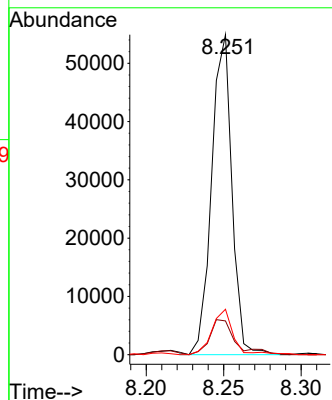
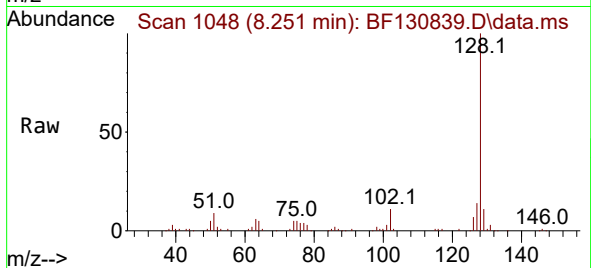




#31
Naphthalene
Concen: 2.349 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF130839.D
Acq: 28 Oct 2022 23:29

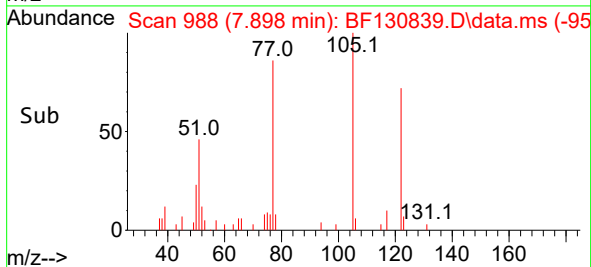
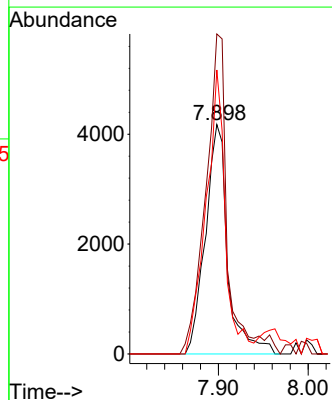
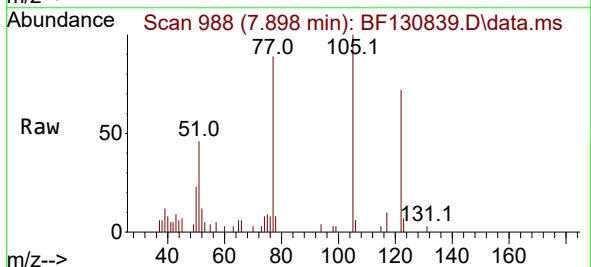
Instrument :
BNA_F
ClientSampleId :
TP4-1024

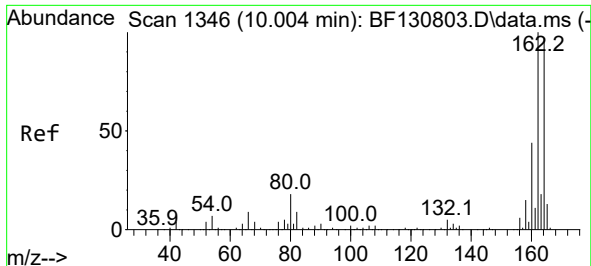
Tgt Ion:128 Resp: 49930
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 14.2 10.6 16.0



#32
Benzoic acid
Concen: 9.145 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.088 min
Lab File: BF130839.D
Acq: 28 Oct 2022 23:29

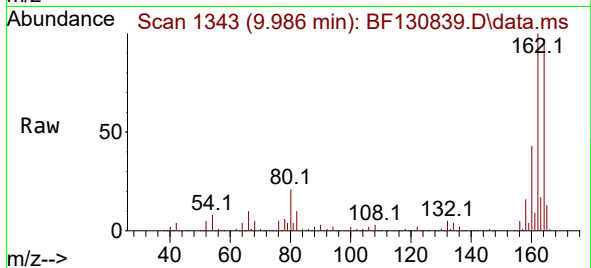
Tgt Ion:122 Resp: 7189
Ion Ratio Lower Upper
122 100
105 139.4 114.5 154.5
77 123.7 89.8 129.8



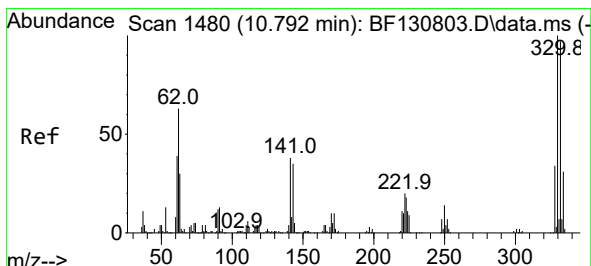
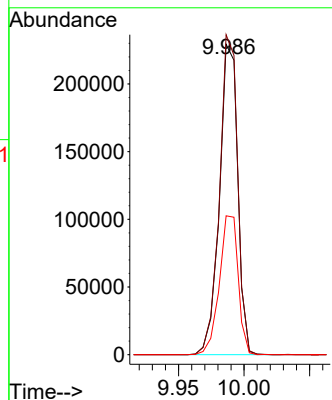
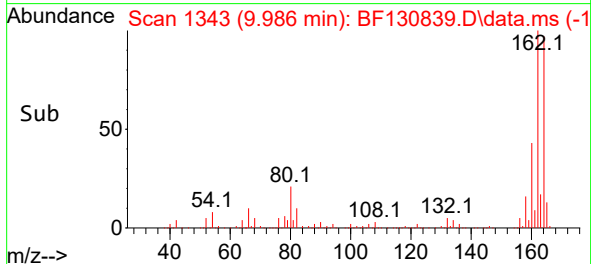


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130839.D
Acq: 28 Oct 2022 23:29

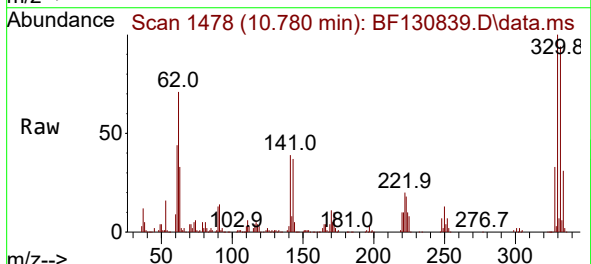
Instrument :
BNA_F
ClientSampleId :
TP4-1024



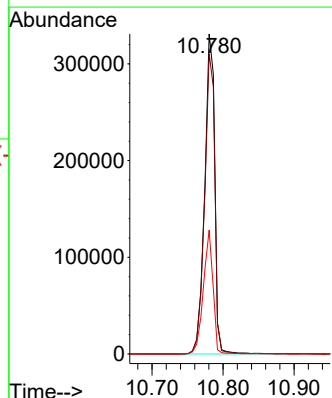
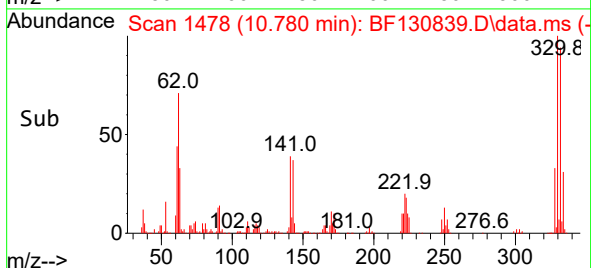
Tgt Ion:164 Resp: 221739
Ion Ratio Lower Upper
164 100
162 103.1 82.2 123.2
160 44.7 36.6 54.8

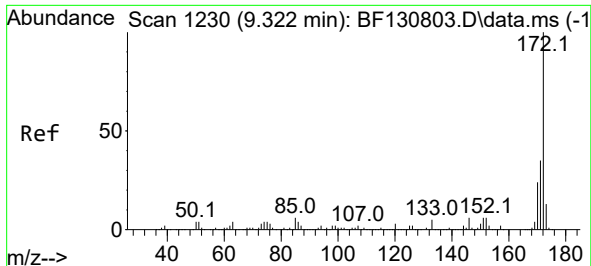


#42
2,4,6-Tribromophenol
Concen: 175.480 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BF130839.D
Acq: 28 Oct 2022 23:29



Tgt Ion:330 Resp: 327551
Ion Ratio Lower Upper
330 100
332 94.7 76.2 114.4
141 37.1 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 91.915 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF130839.D

Acq: 28 Oct 2022 23:29

Instrument :

BNA_F

ClientSampleId :

TP4-1024

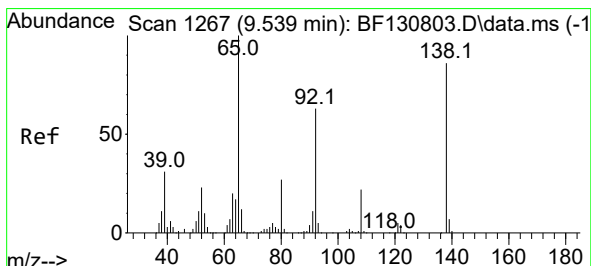
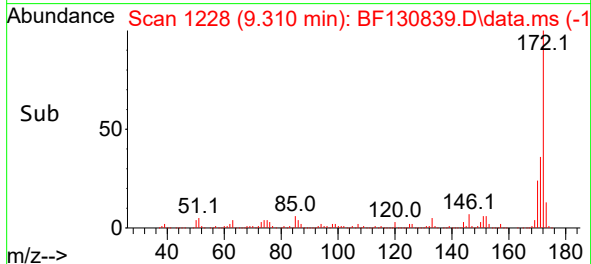
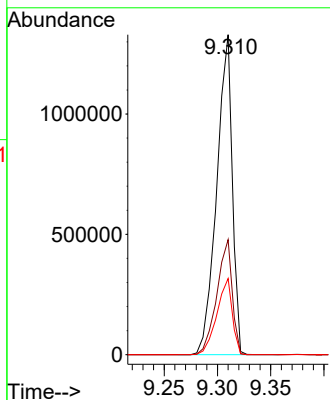
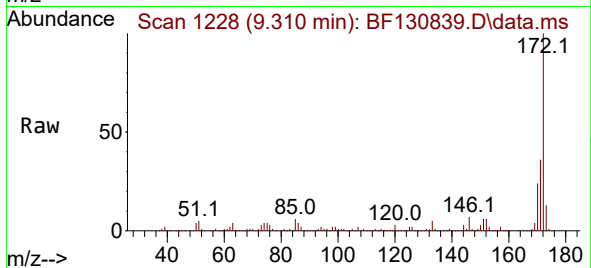
Tgt Ion:172 Resp: 1348060

Ion Ratio Lower Upper

172 100

171 36.0 28.1 42.1

170 23.8 19.0 28.4



#48

2-Nitroaniline

Concen: 4.772 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.229 min

Lab File: BF130839.D

Acq: 28 Oct 2022 23:29

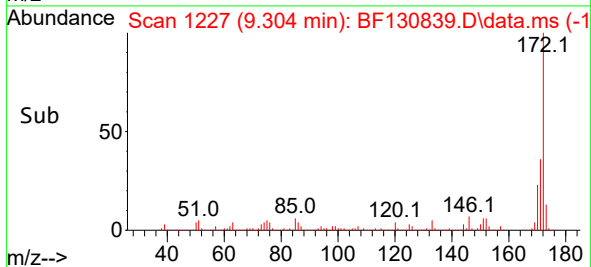
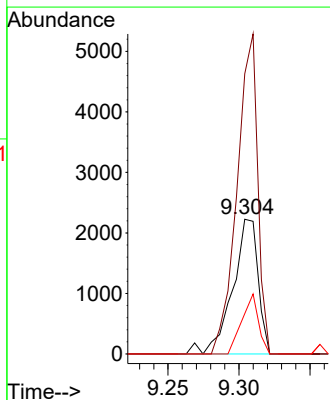
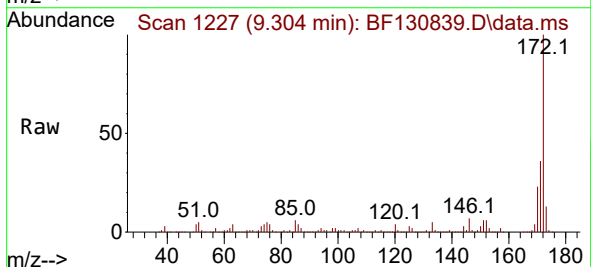
Tgt Ion: 65 Resp: 2788

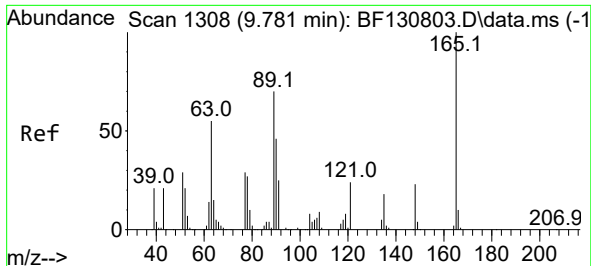
Ion Ratio Lower Upper

65 100

92 208.0 50.1 75.1#

138 29.9 69.2 103.8#

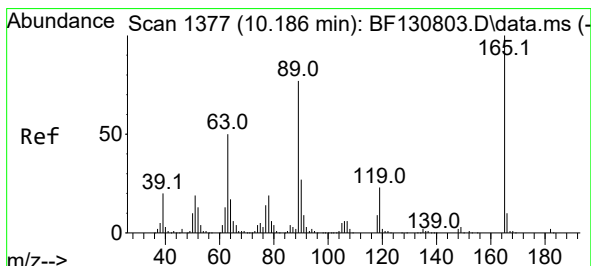
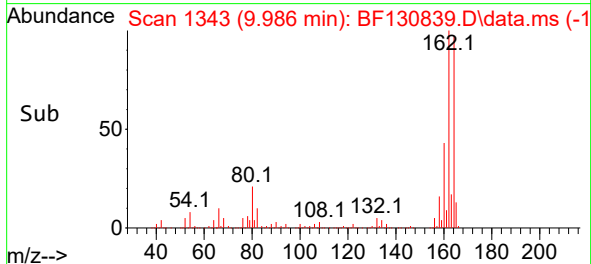
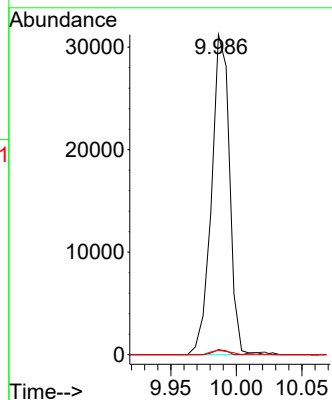
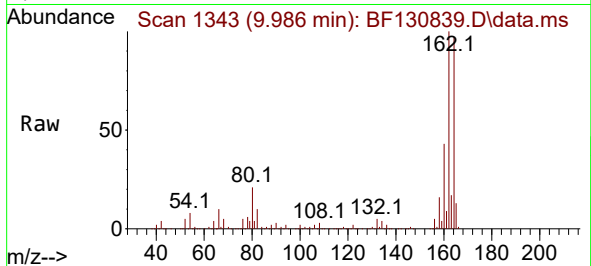




#51
2,6-Dinitrotoluene
Concen: 12.497 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.212 min
Lab File: BF130839.D
Acq: 28 Oct 2022 23:29

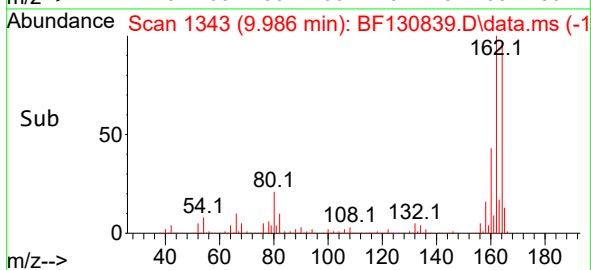
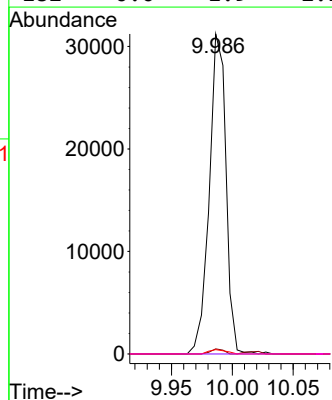
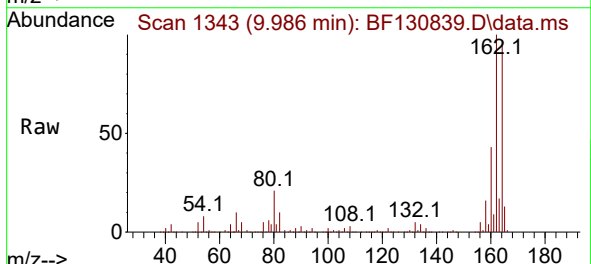
Instrument :
BNA_F
ClientSampleId :
TP4-1024

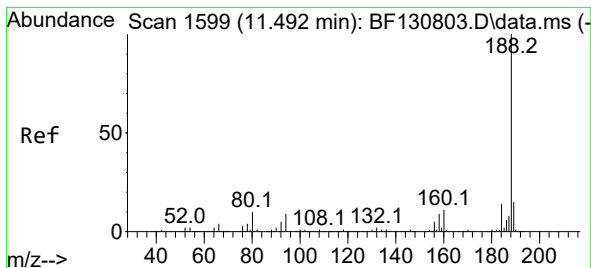
Tgt Ion:165 Resp: 29841
Ion Ratio Lower Upper
165 100
63 1.6 61.8 92.8#
89 1.3 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 11.277 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.194 min
Lab File: BF130839.D
Acq: 28 Oct 2022 23:29

Tgt Ion:165 Resp: 29841
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
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: BF130839.D

Acq: 28 Oct 2022 23:29

Instrument :

BNA_F

ClientSampleId :

TP4-1024

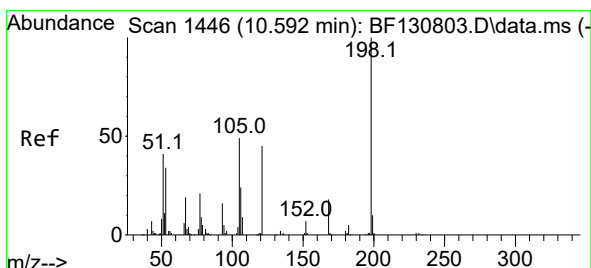
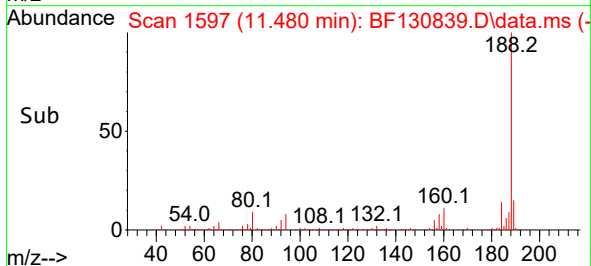
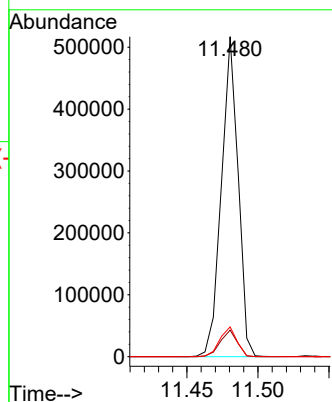
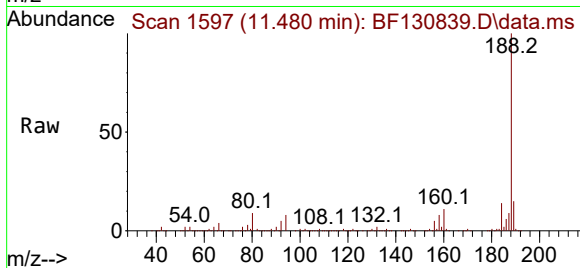
Tgt Ion:188 Resp: 422347

Ion Ratio Lower Upper

188 100

94 8.3 7.4 11.2

80 9.3 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 8.353 ng

RT: 10.780 min Scan# 1478

Delta R.T. 0.194 min

Lab File: BF130839.D

Acq: 28 Oct 2022 23:29

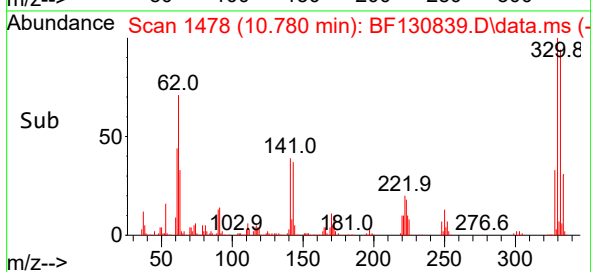
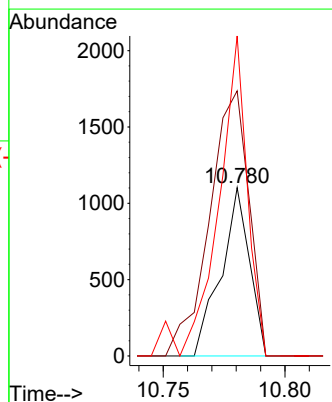
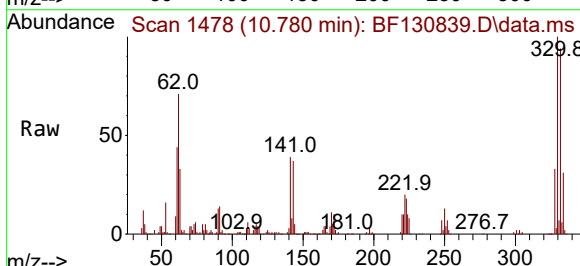
Tgt Ion:198 Resp: 898

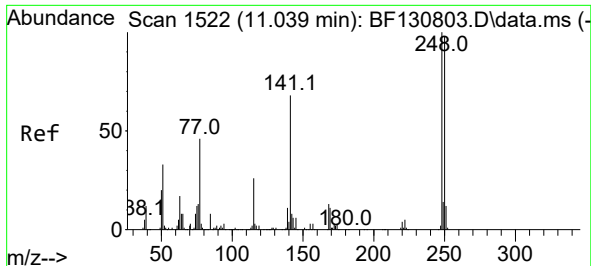
Ion Ratio Lower Upper

198 100

51 157.6 39.0 79.0#

105 190.2 30.6 70.6#

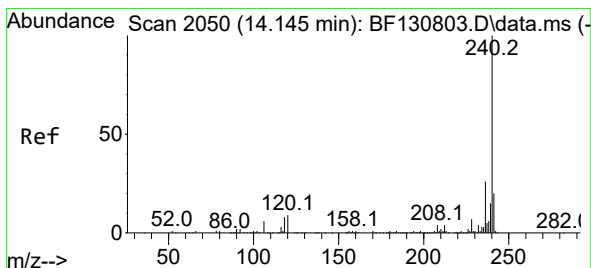
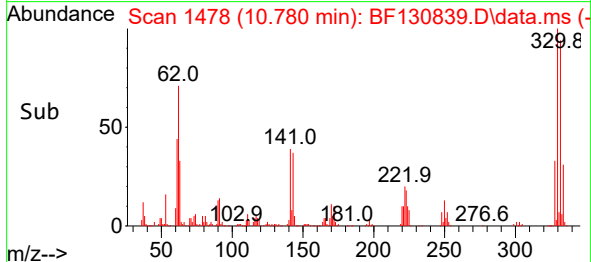
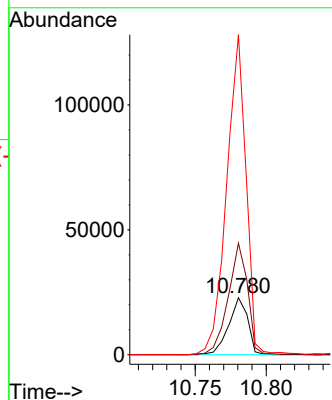
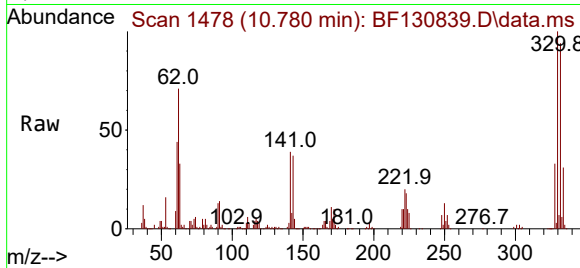




#67
4-Bromophenyl-phenylether
Concen: 5.026 ng
RT: 10.780 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF130839.D
Acq: 28 Oct 2022 23:29

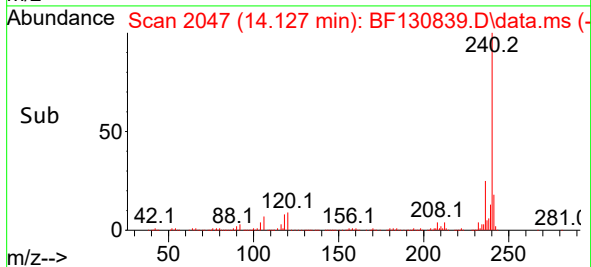
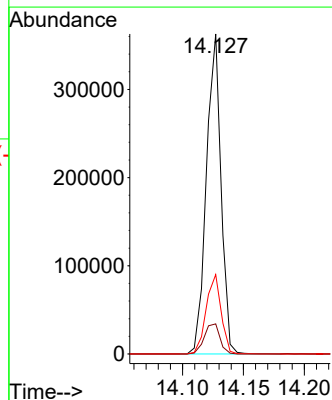
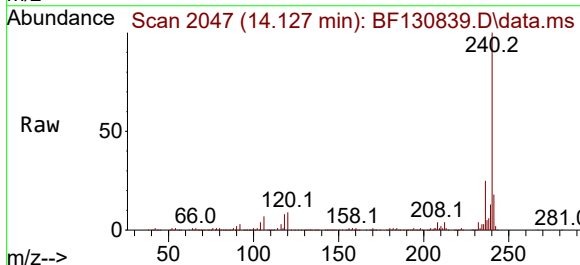
Instrument :
BNA_F
ClientSampleId :
TP4-1024

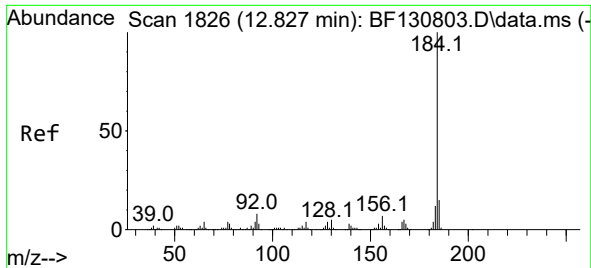
Tgt Ion:248 Resp: 21348
Ion Ratio Lower Upper
248 100
250 195.4 78.6 117.8#
141 560.9 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130839.D
Acq: 28 Oct 2022 23:29

Tgt Ion:240 Resp: 302602
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.4
236 24.8 20.5 30.7

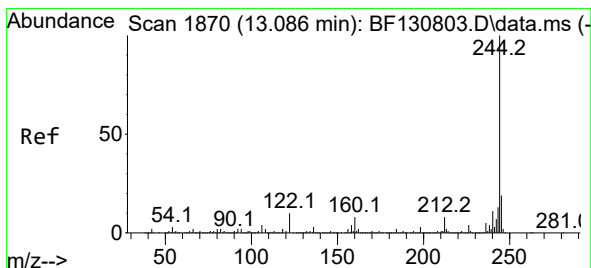
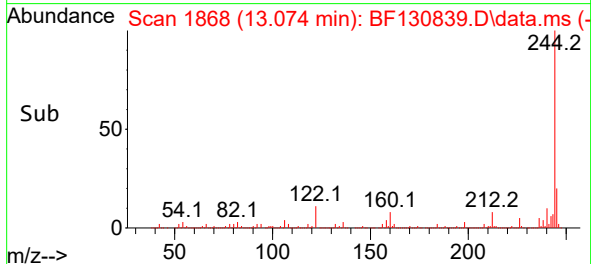
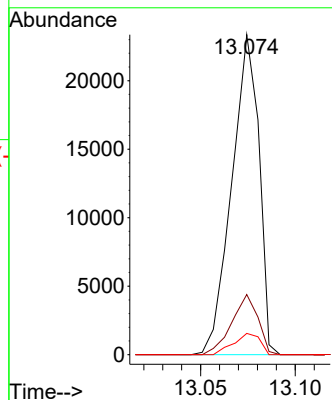
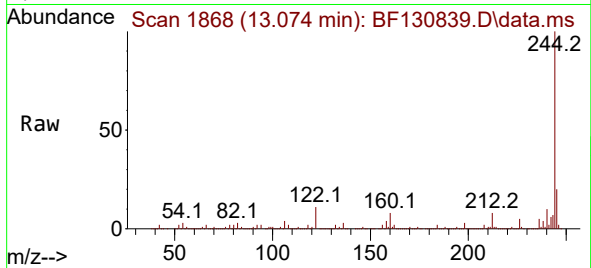




#77
Benzidine
Concen: 3.175 ng
RT: 13.074 min Scan# 1868
Delta R.T. 0.253 min
Lab File: BF130839.D
Acq: 28 Oct 2022 23:29

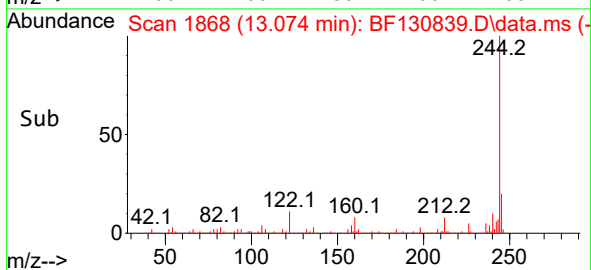
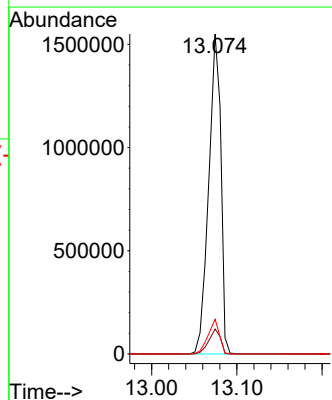
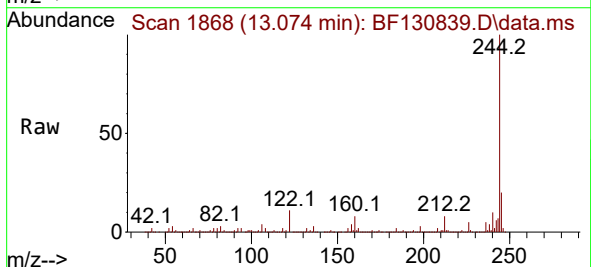
Instrument :
BNA_F
ClientSampleId :
TP4-1024

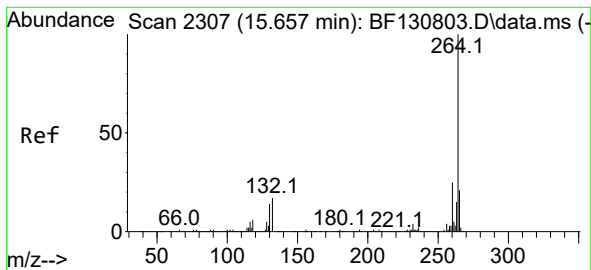
Tgt Ion:184 Resp: 23319
Ion Ratio Lower Upper
184 100
185 18.8 11.8 17.8#
183 6.7 9.7 14.5#



#79
Terphenyl-d14
Concen: 93.007 ng
RT: 13.074 min Scan# 1868
Delta R.T. -0.000 min
Lab File: BF130839.D
Acq: 28 Oct 2022 23:29

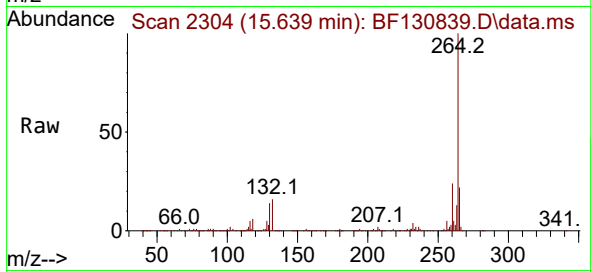
Tgt Ion:244 Resp: 1535869
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 10.8 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130839.D
Acq: 28 Oct 2022 23:29

Instrument :
BNA_F
ClientSampleId :
TP4-1024



Tgt Ion:264 Resp: 224295

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.9	29.9
265	21.6	17.0	25.6

