

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130845.D
 Acq On : 29 Oct 2022 02:28
 Operator : CG\JU
 Sample : N5226-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20221091-FIELD-BLANK-1

Quant Time: Oct 29 05:48:38 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)

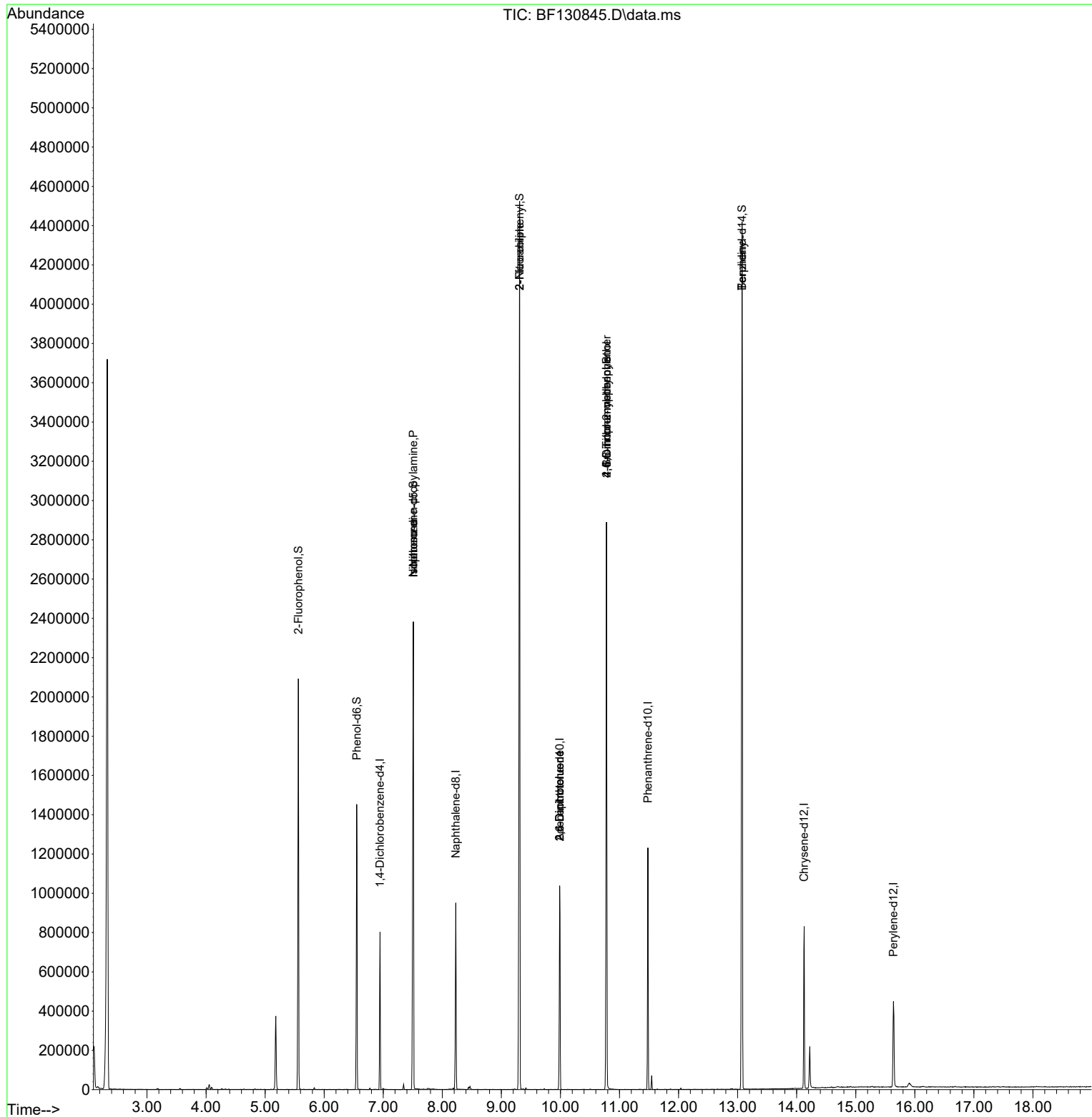
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	101813	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	389411	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	213827	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	388594	20.000	ng	0.00
76) Chrysene-d12	14.127	240	270524	20.000	ng	0.00
86) Perylene-d12	15.639	264	195717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	483896	82.395	ng	0.00
7) Phenol-d6	6.551	99	439163	57.544	ng	-0.01
23) Nitrobenzene-d5	7.510	82	835553	129.382	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	308401	171.335	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1504520	106.378	ng	0.00
79) Terphenyl-d14	13.074	244	1685499	114.171	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.510	70	112971	21.756	ng	# 81
25) Isophorone	7.510	82	835545	62.741	ng	# 66
48) 2-Nitroaniline	9.310	65	3078	4.863	ng	# 1
51) 2,6-Dinitrotoluene	9.986	165	27708	12.136	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	27708	10.996	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.780	198	1011	8.448	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	20385	5.216	ng	# 1
77) Benzidine	13.074	184	25613	3.900	ng	# 91

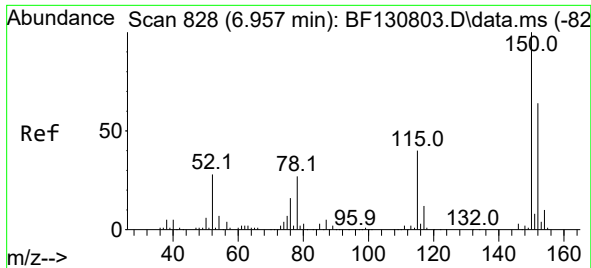
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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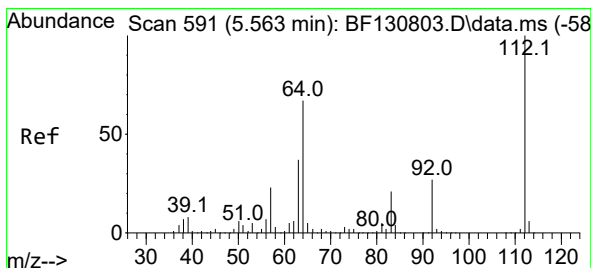
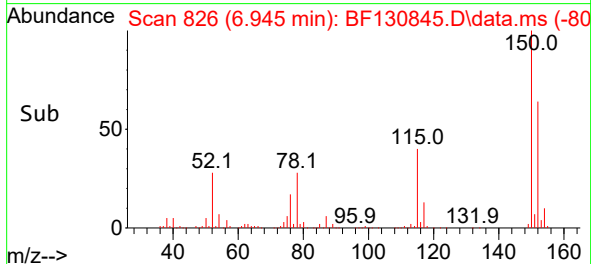
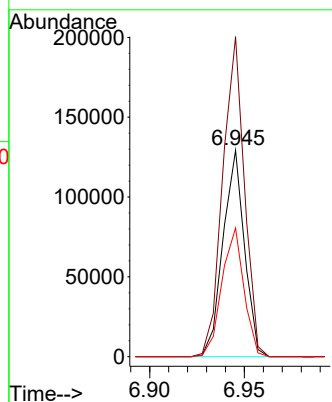
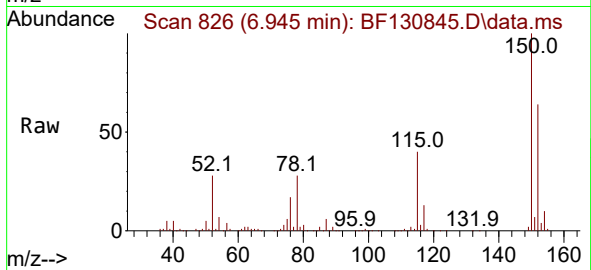




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130845.D
Acq: 29 Oct 2022 02:28

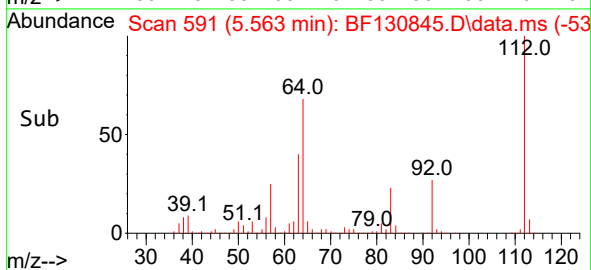
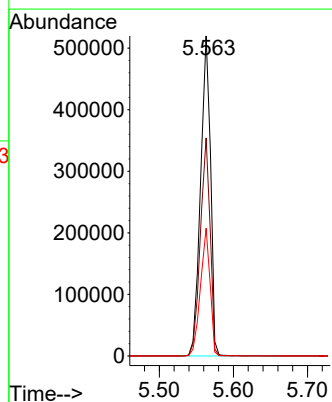
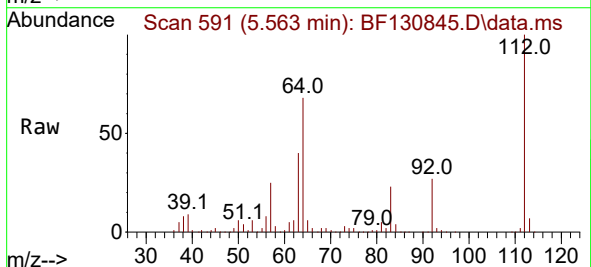
Instrument :
BNA_F
ClientSampleId :
20221091-FIELD-BLANK-1

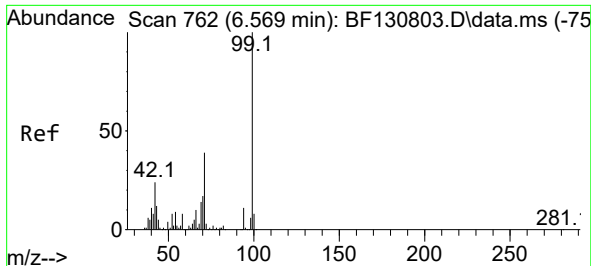
Tgt Ion:152 Resp: 101813
Ion Ratio Lower Upper
152 100
150 155.0 124.1 186.1
115 62.3 50.1 75.1



#5
2-Fluorophenol
Concen: 82.395 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF130845.D
Acq: 29 Oct 2022 02:28

Tgt Ion:112 Resp: 483896
Ion Ratio Lower Upper
112 100
64 68.2 53.9 80.9
63 39.9 29.4 44.2

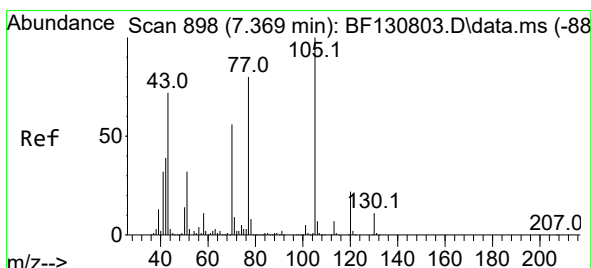
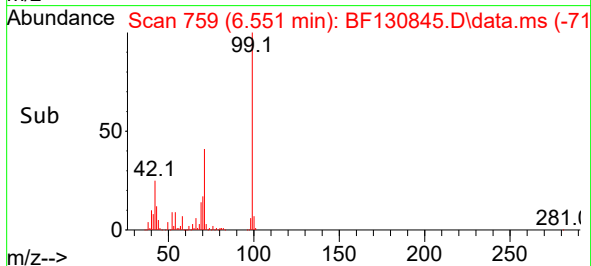
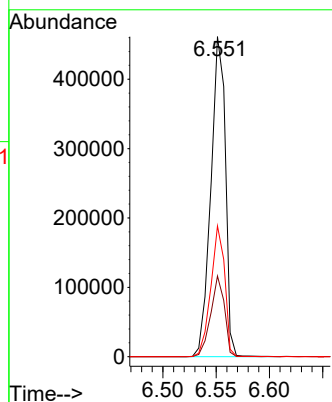
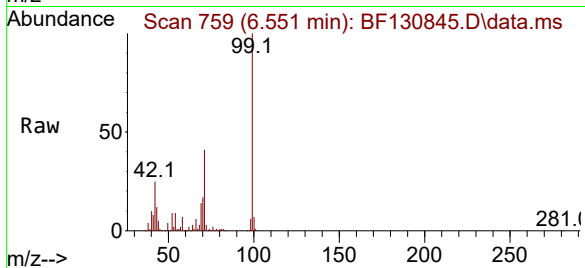




#7
Phenol-d6
Concen: 57.544 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130845.D
Acq: 29 Oct 2022 02:28

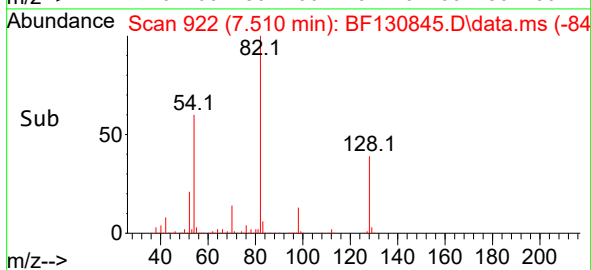
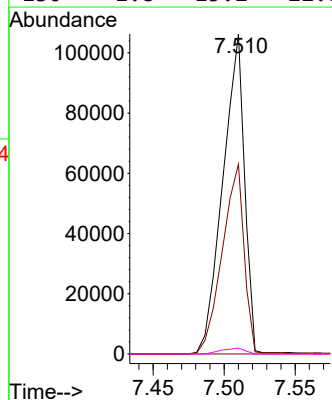
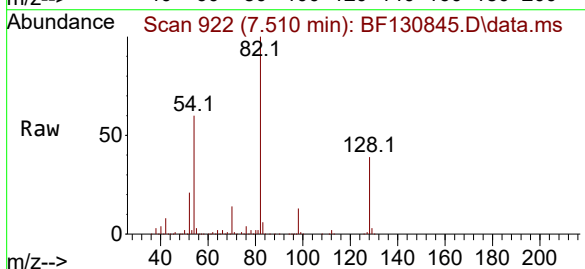
Instrument :
BNA_F
ClientSampleId :
20221091-FIELD-BLANK-1

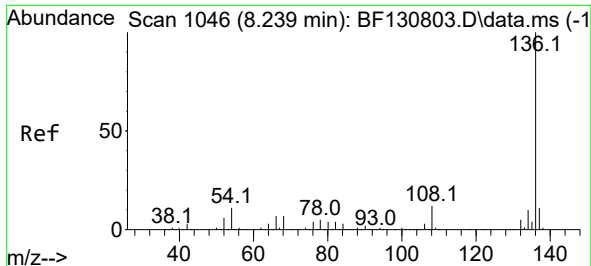
Tgt Ion: 99 Resp: 439163
Ion Ratio Lower Upper
99 100
42 25.2 18.8 28.2
71 40.9 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.756 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF130845.D
Acq: 29 Oct 2022 02:28

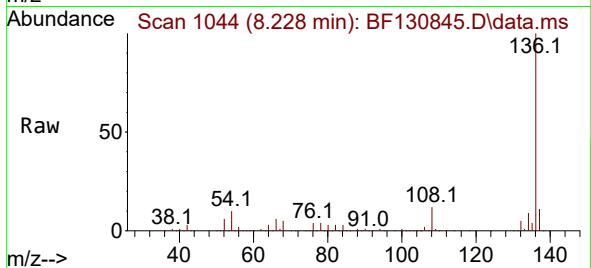
Tgt Ion: 70 Resp: 112971
Ion Ratio Lower Upper
70 100
42 59.3 56.1 84.1
101 0.0 7.3 10.9#
130 1.8 15.2 22.8#



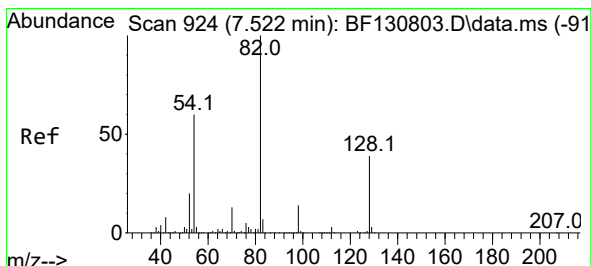
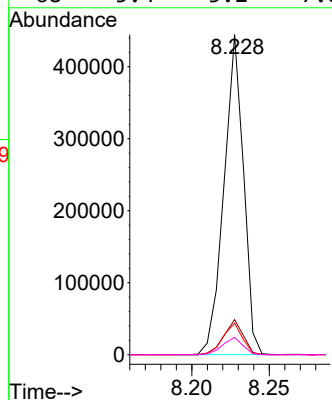
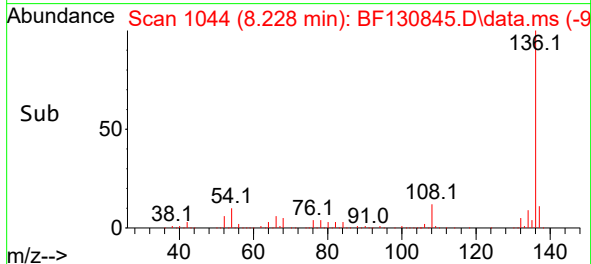


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130845.D
Acq: 29 Oct 2022 02:28

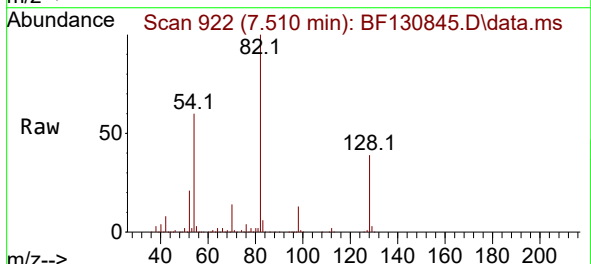
Instrument :
BNA_F
ClientSampleId :
20221091-FIELD-BLANK-1



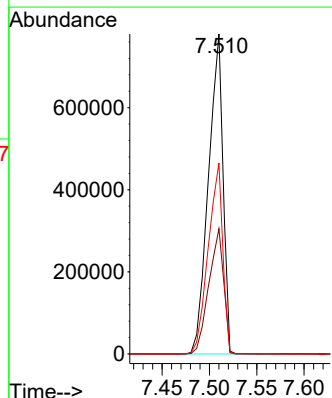
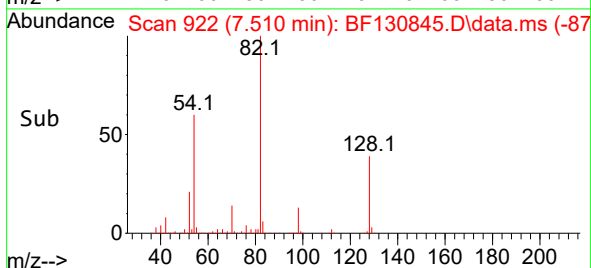
Tgt Ion:136 Resp: 389411
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 9.8 8.8 13.2
68 5.4 5.2 7.8

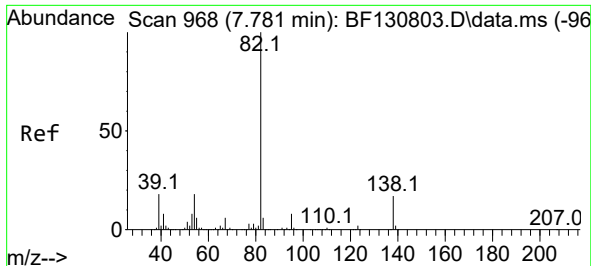


#23
Nitrobenzene-d5
Concen: 129.382 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF130845.D
Acq: 29 Oct 2022 02:28



Tgt Ion: 82 Resp: 835553
Ion Ratio Lower Upper
82 100
128 39.2 31.2 46.8
54 59.7 48.0 72.0

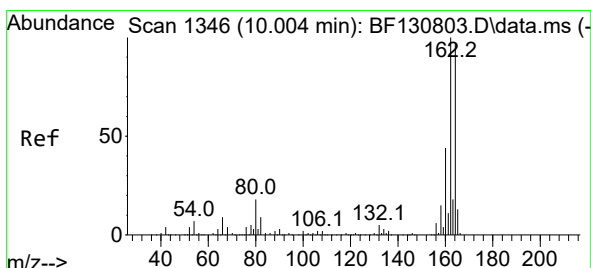
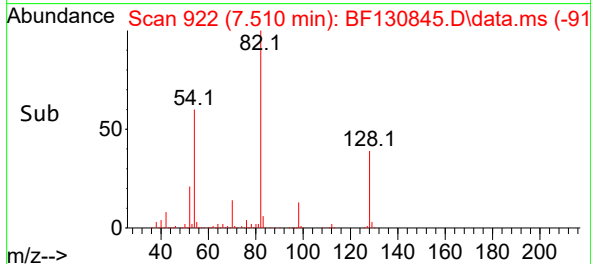
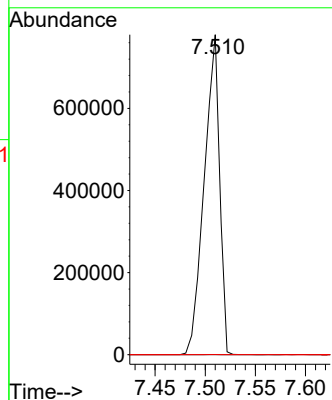
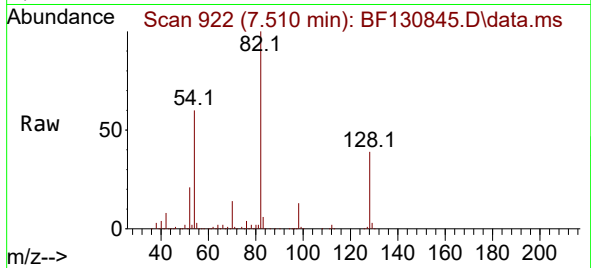




#25
Isophorone
Concen: 62.741 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF130845.D
Acq: 29 Oct 2022 02:28

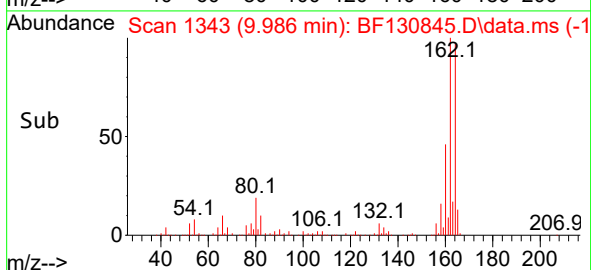
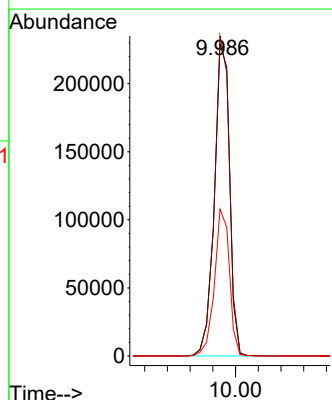
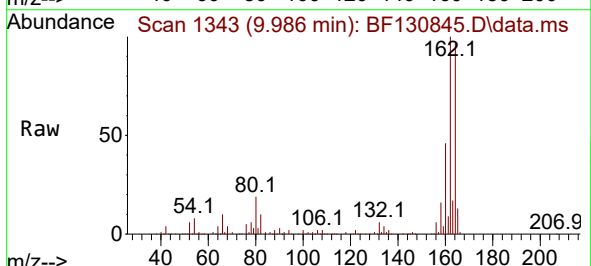
Instrument :
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ClientSampleId :
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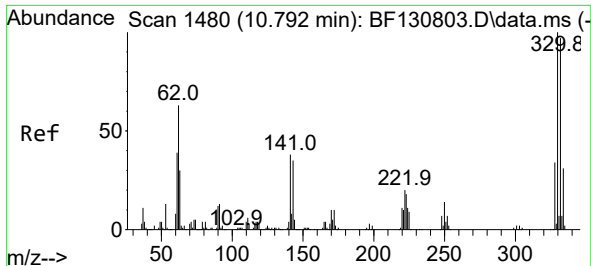
Tgt Ion: 82 Resp: 835545
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BF130845.D
Acq: 29 Oct 2022 02:28

Tgt Ion:164 Resp: 213827
Ion Ratio Lower Upper
164 100
162 102.6 82.2 123.2
160 47.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 171.335 ng

RT: 10.780 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130845.D

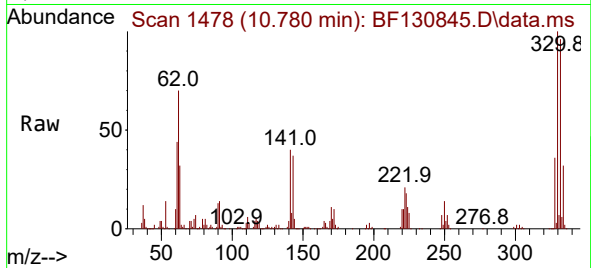
Acq: 29 Oct 2022 02:28

Instrument :

BNA_F

ClientSampleId :

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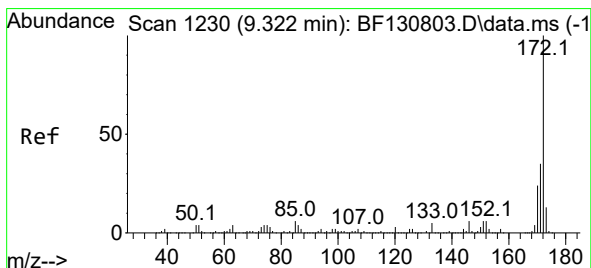
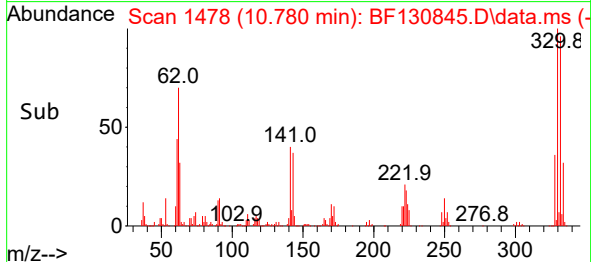
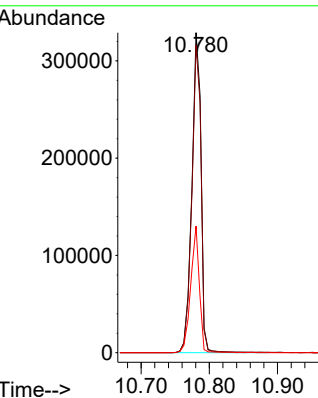
Tgt Ion:330 Resp: 308401

Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

141 37.3 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 106.378 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF130845.D

Acq: 29 Oct 2022 02:28

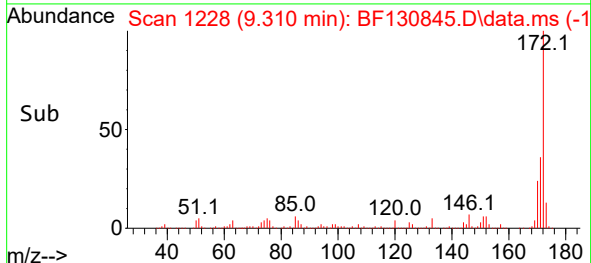
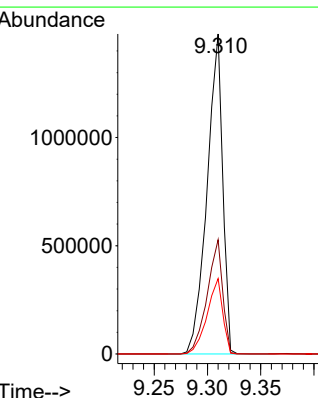
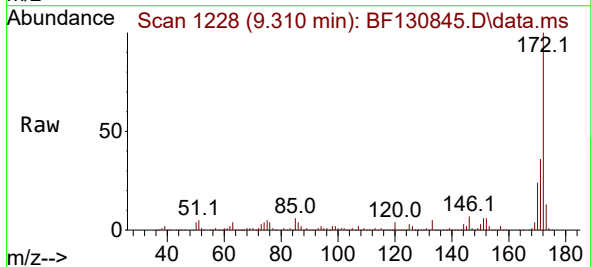
Tgt Ion:172 Resp: 1504520

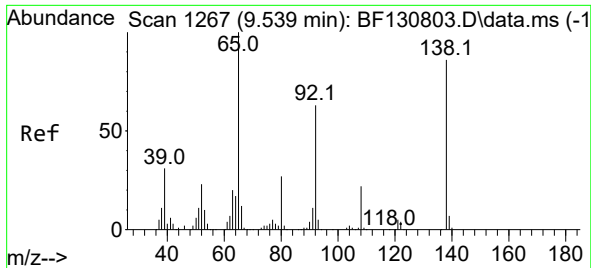
Ion Ratio Lower Upper

172 100

171 35.7 28.1 42.1

170 23.6 19.0 28.4

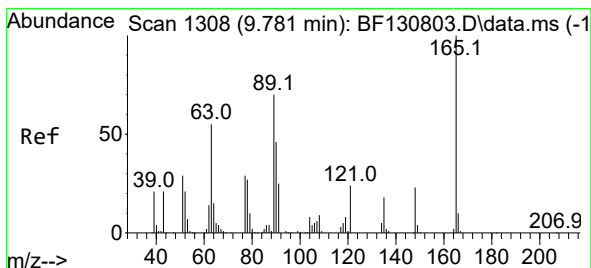
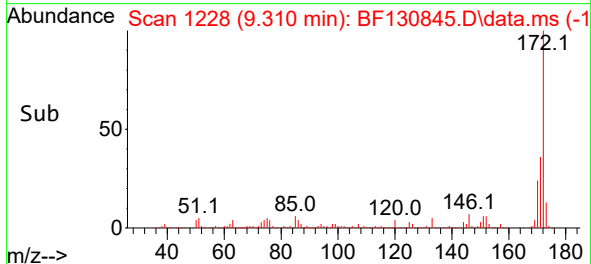
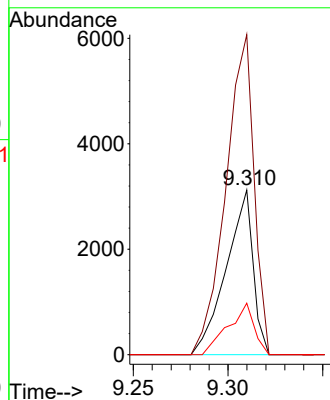
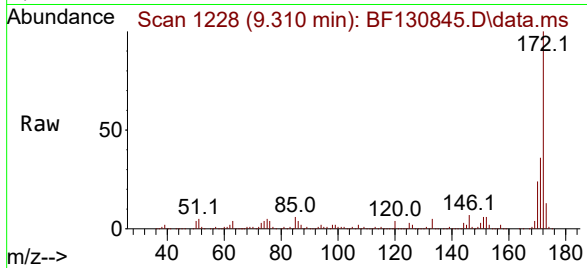




#48
2-Nitroaniline
Concen: 4.863 ng
RT: 9.310 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF130845.D
Acq: 29 Oct 2022 02:28

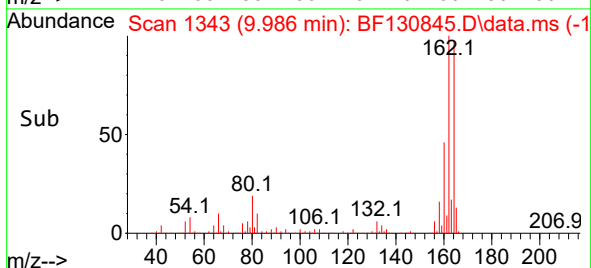
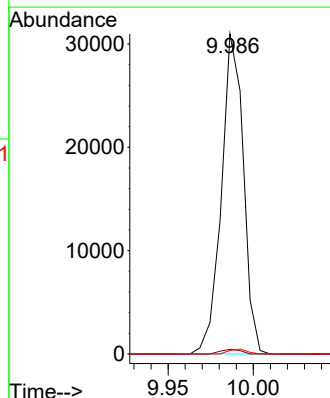
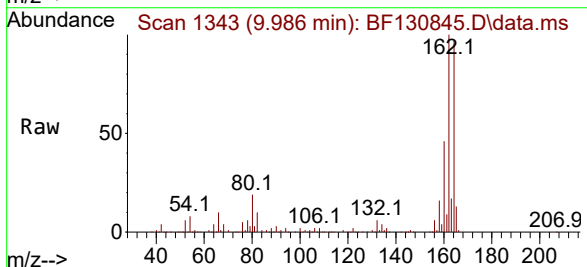
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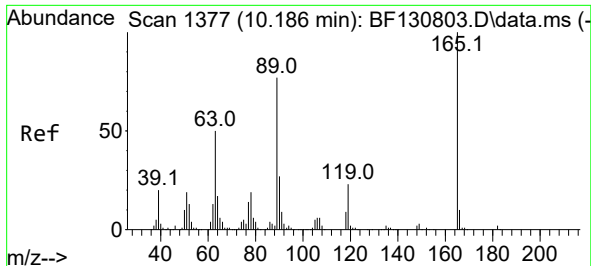
Tgt Ion: 65 Resp: 3078
Ion Ratio Lower Upper
65 100
92 194.4 50.1 75.1#
138 31.3 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.136 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.212 min
Lab File: BF130845.D
Acq: 29 Oct 2022 02:28

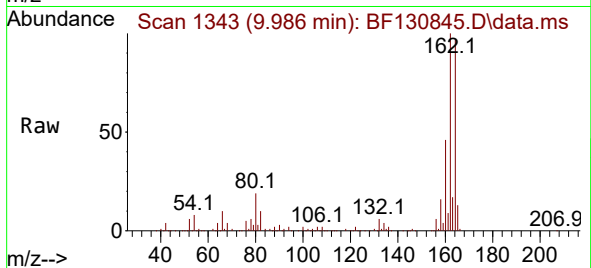
Tgt Ion: 165 Resp: 27708
Ion Ratio Lower Upper
165 100
63 1.4 61.8 92.8#
89 1.1 56.2 84.4#



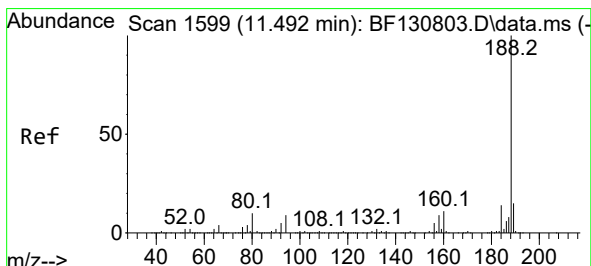
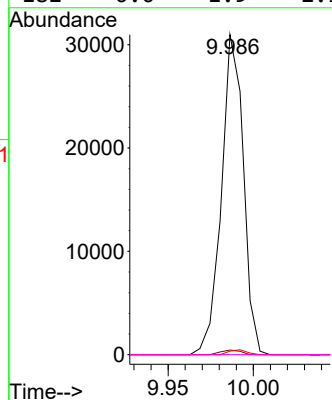
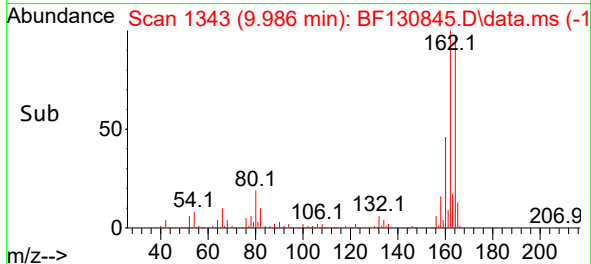


#57
2,4-Dinitrotoluene
Concen: 10.996 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130845.D
Acq: 29 Oct 2022 02:28

Instrument :
BNA_F
ClientSampleId :
20221091-FIELD-BLANK-1

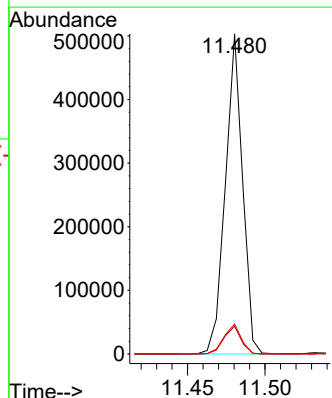
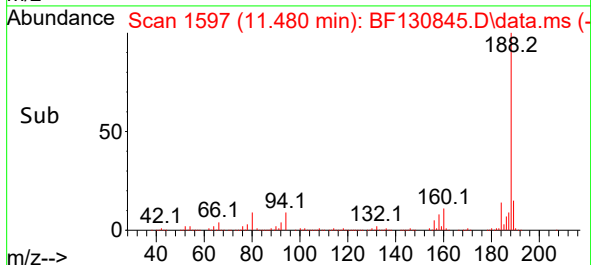
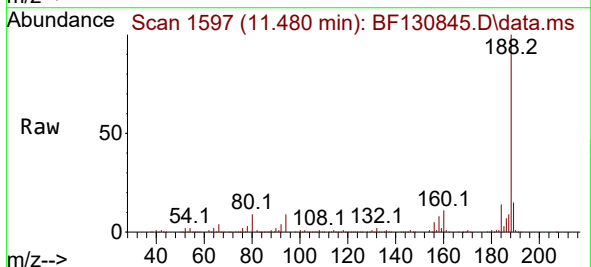


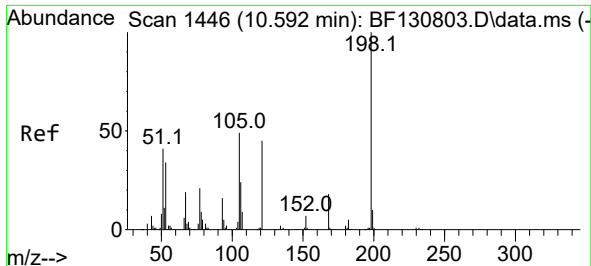
Tgt Ion:165 Resp: 27708
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.1 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF130845.D
Acq: 29 Oct 2022 02:28

Tgt Ion:188 Resp: 388594
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.4 8.0 12.0

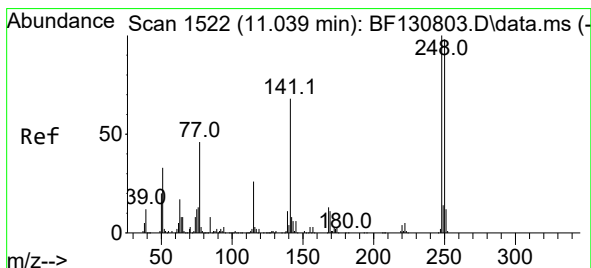
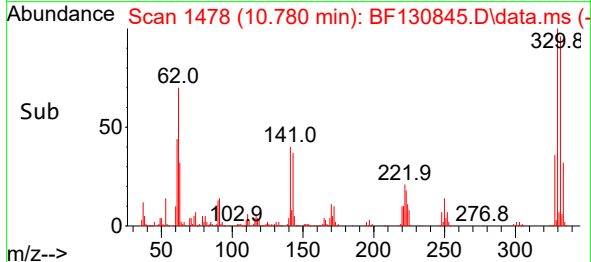
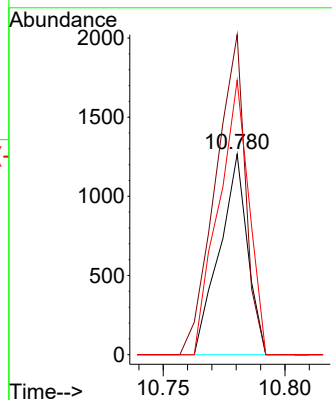
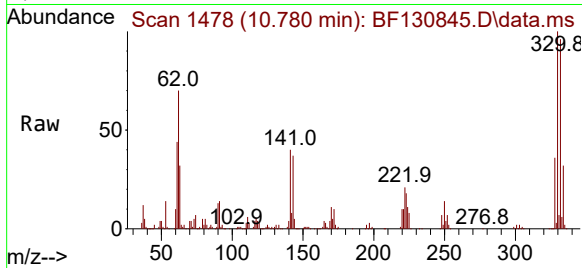




#65
4,6-Dinitro-2-methylphenol
Concen: 8.448 ng
RT: 10.780 min Scan# 1446
Delta R.T. 0.194 min
Lab File: BF130845.D
Acq: 29 Oct 2022 02:28

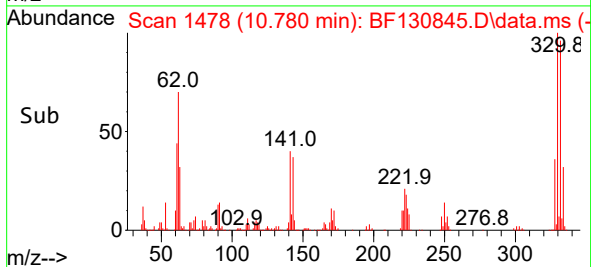
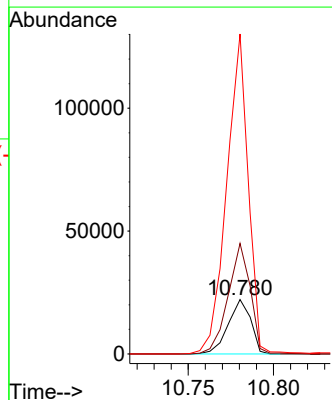
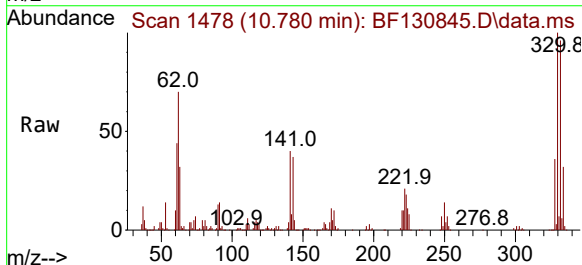
Instrument :
BNA_F
ClientSampleId :
20221091-FIELD-BLANK-1

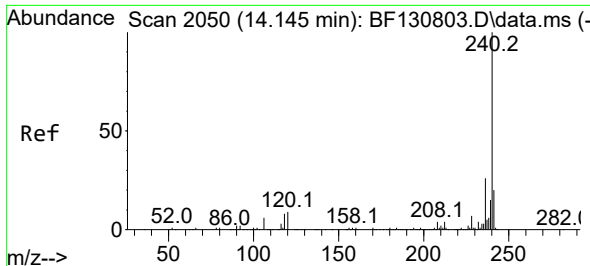
Tgt Ion:198 Resp: 1011
Ion Ratio Lower Upper
198 100
51 159.6 39.0 79.0#
105 136.9 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 5.216 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.247 min
Lab File: BF130845.D
Acq: 29 Oct 2022 02:28

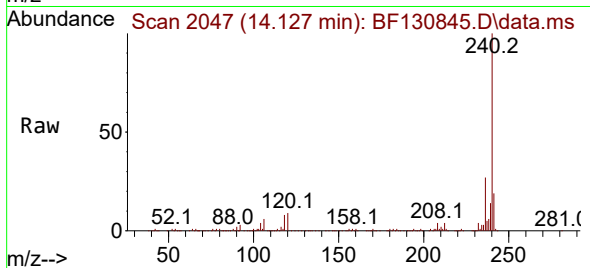
Tgt Ion:248 Resp: 20385
Ion Ratio Lower Upper
248 100
250 203.3 78.6 117.8#
141 588.3 54.2 81.4#



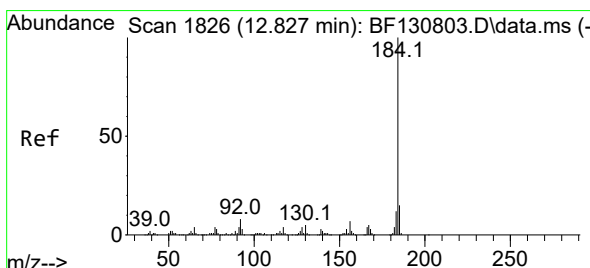
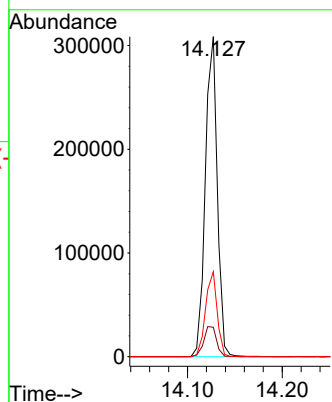
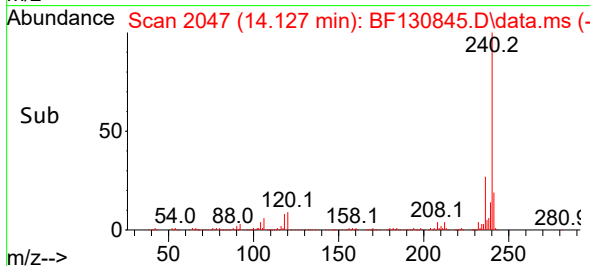


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF130845.D
Acq: 29 Oct 2022 02:28

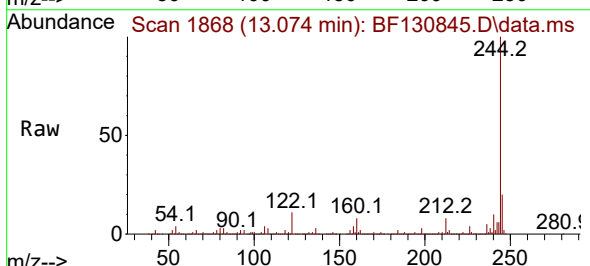
Instrument :
BNA_F
ClientSampleId :
20221091-FIELD-BLANK-1



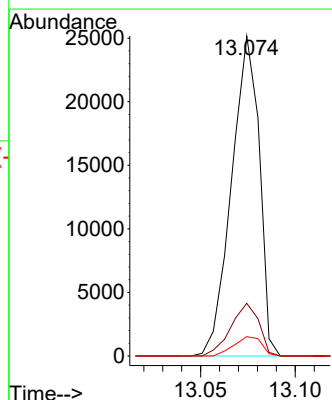
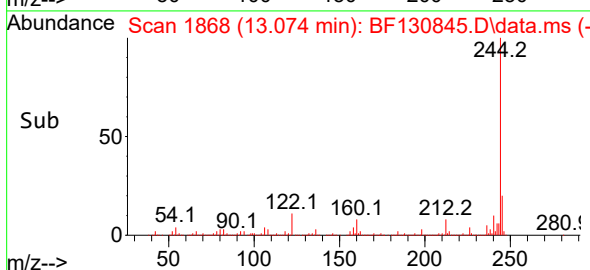
Tgt Ion:240 Resp: 270524
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.4
236 26.6 20.5 30.7

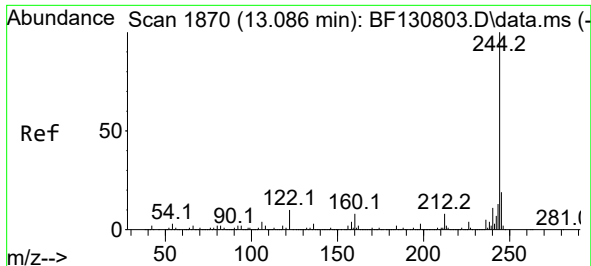


#77
Benidine
Concen: 3.900 ng
RT: 13.074 min Scan# 1868
Delta R.T. 0.253 min
Lab File: BF130845.D
Acq: 29 Oct 2022 02:28



Tgt Ion:184 Resp: 25613
Ion Ratio Lower Upper
184 100
185 16.5 11.8 17.8
183 6.1 9.7 14.5#

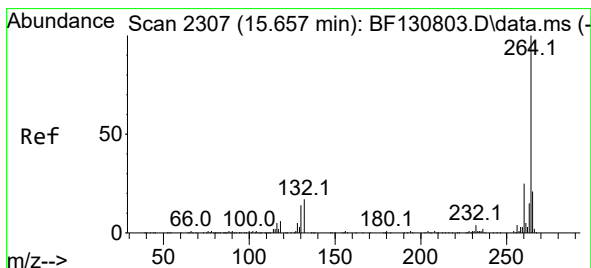
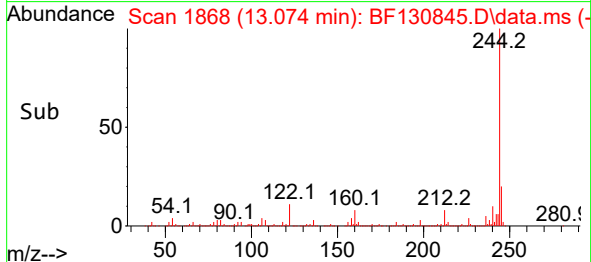
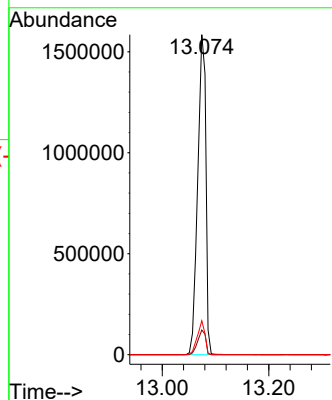
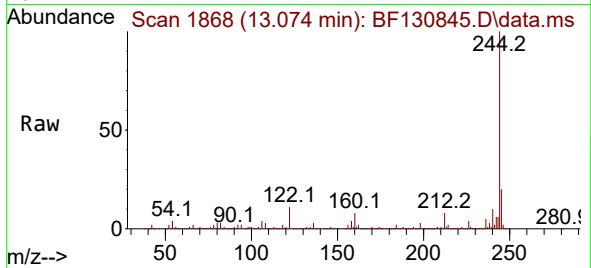




#79
 Terphenyl-d14
 Concen: 114.171 ng
 RT: 13.074 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: BF130845.D
 Acq: 29 Oct 2022 02:28

Instrument :
 BNA_F
 ClientSampleId :
 20221091-FIELD-BLANK-1

Tgt Ion:244 Resp: 1685499
 Ion Ratio Lower Upper
 244 100
 212 7.7 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: BF130845.D
 Acq: 29 Oct 2022 02:28

Tgt Ion:264 Resp: 195717
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.9 29.9
 265 21.2 17.0 25.6

