

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130835.D
 Acq On : 28 Oct 2022 21:28
 Operator : CG\JU
 Sample : N5281-09RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9

Quant Time: Oct 29 05:46:41 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)

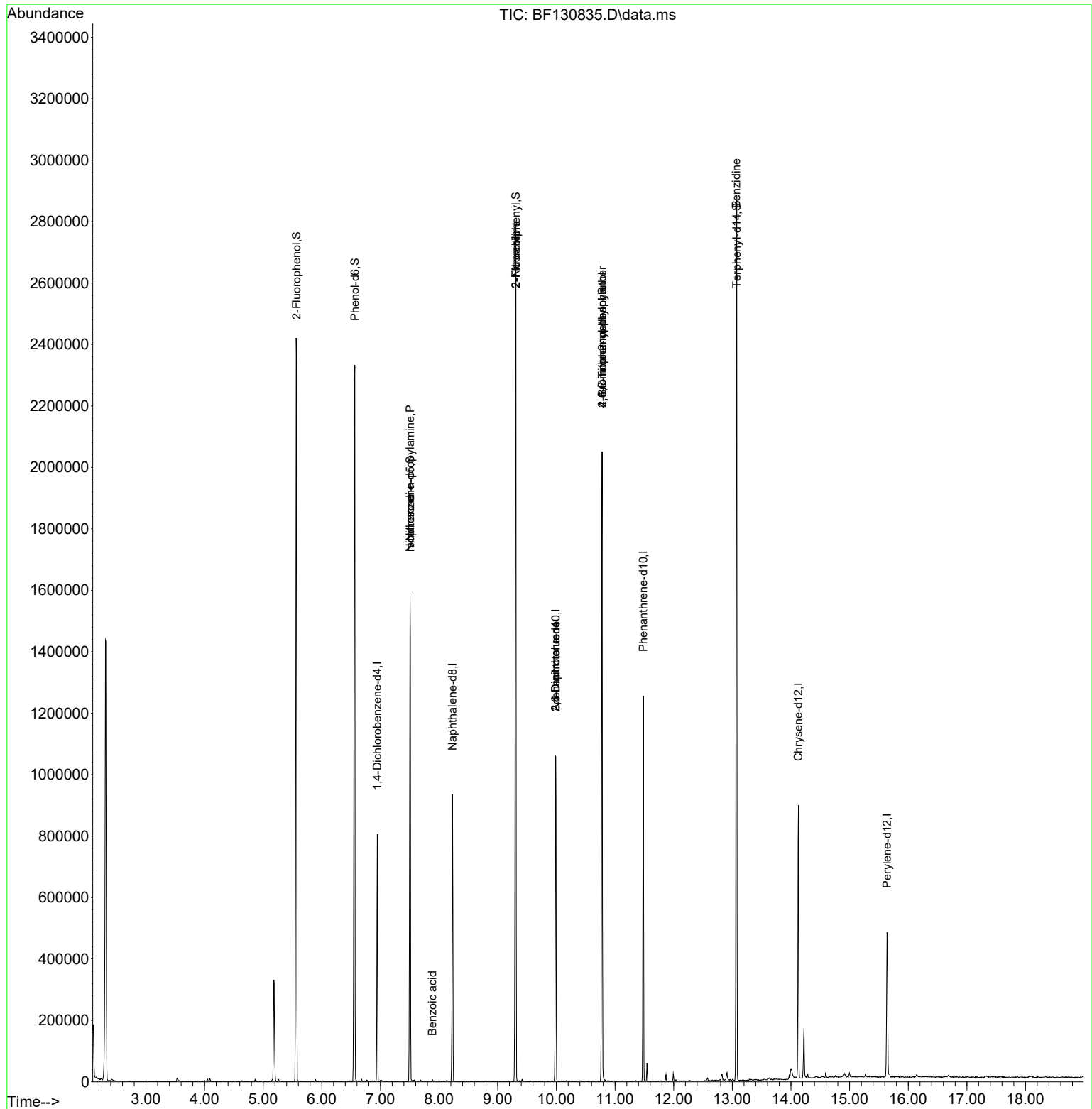
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	102262	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	401169	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	217618	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	413034	20.000	ng	0.00
76) Chrysene-d12	14.127	240	290963	20.000	ng	0.00
86) Perylene-d12	15.639	264	207870	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	657953	111.540	ng	0.01
7) Phenol-d6	6.563	99	858832	112.039	ng	0.00
23) Nitrobenzene-d5	7.504	82	553738	83.231	ng	-0.01
42) 2,4,6-Tribromophenol	10.781	330	218794	119.435	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1003646	69.727	ng	0.00
79) Terphenyl-d14	13.075	244	1002861	63.159	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	76532	14.674	ng	# 79
25) Isophorone	7.504	82	553732	40.361	ng	# 66
32) Benzoic acid	7.887	122	979	7.883	ng	90
48) 2-Nitroaniline	9.310	65	2061	4.618	ng	# 4
51) 2,6-Dinitrotoluene	9.986	165	27313	11.843	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	27313	10.766	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.781	198	582	8.210	ng	# 1
67) 4-Bromophenyl-phenylether	10.781	248	14335	3.451	ng	# 1
77) Benzidine	13.069	184	14811	2.097	ng	# 90

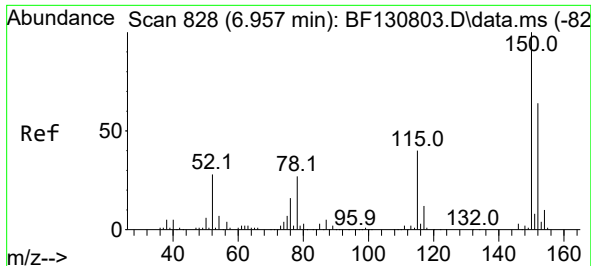
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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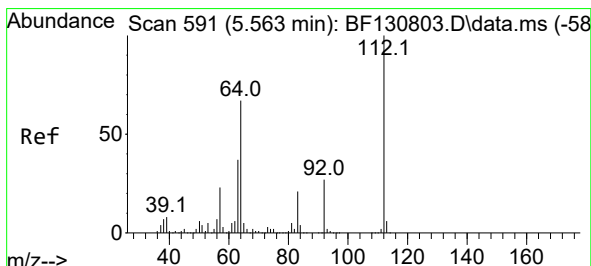
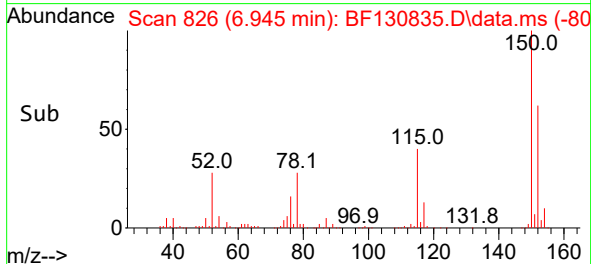
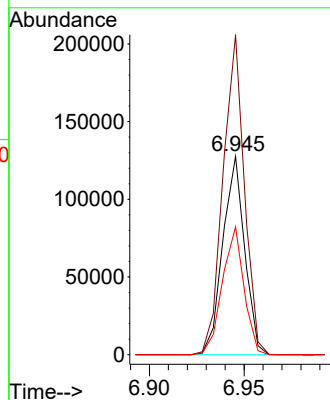
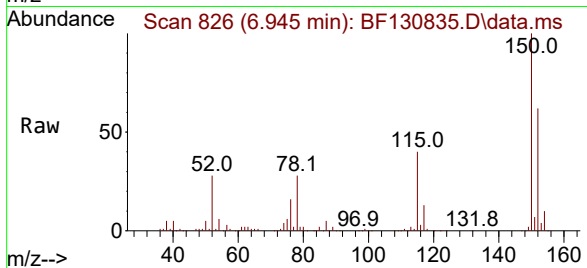




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130835.D
Acq: 28 Oct 2022 21:28

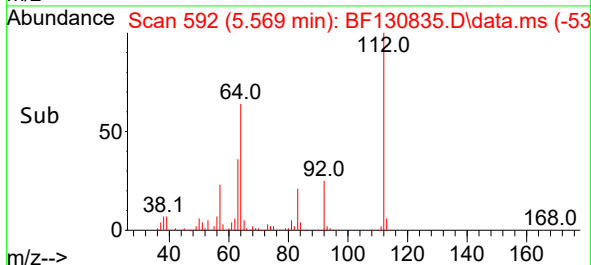
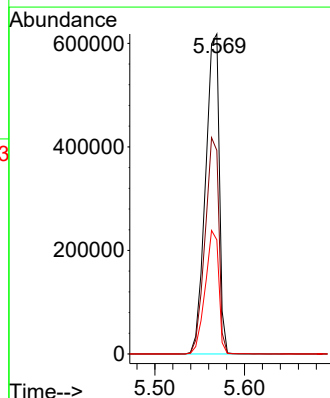
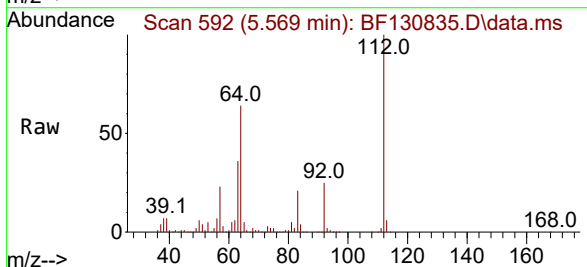
Instrument :
BNA_F
ClientSampleId :
SB-9

Tgt Ion:152 Resp: 102262
Ion Ratio Lower Upper
152 100
150 161.3 124.1 186.1
115 64.5 50.1 75.1



#5
2-Fluorophenol
Concen: 111.540 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF130835.D
Acq: 28 Oct 2022 21:28

Tgt Ion:112 Resp: 657953
Ion Ratio Lower Upper
112 100
64 63.6 53.9 80.9
63 35.6 29.4 44.2

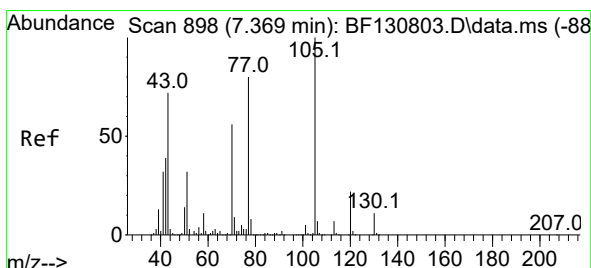
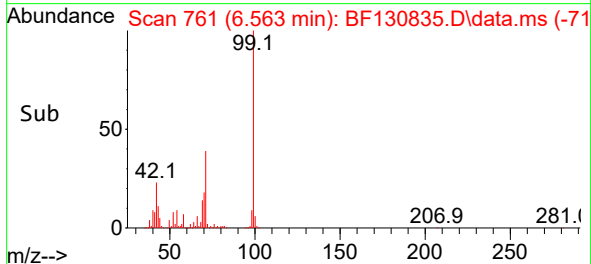
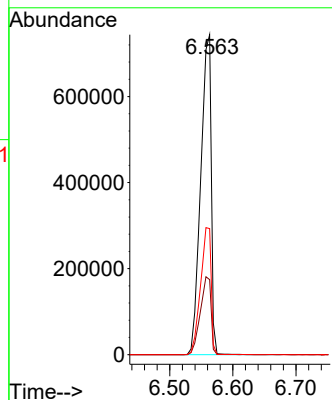
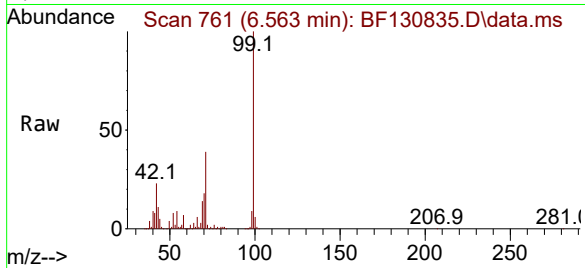




#7
Phenol-d6
Concen: 112.039 ng
RT: 6.563 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130835.D
Acq: 28 Oct 2022 21:28

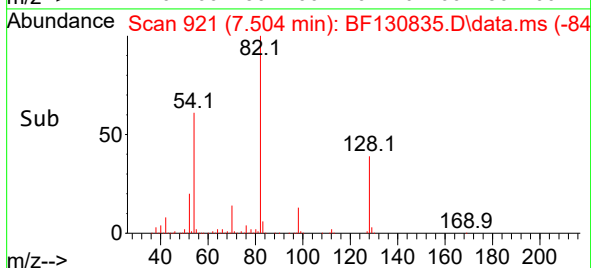
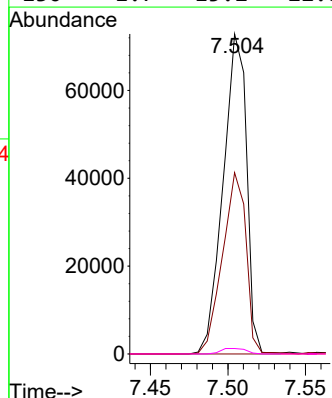
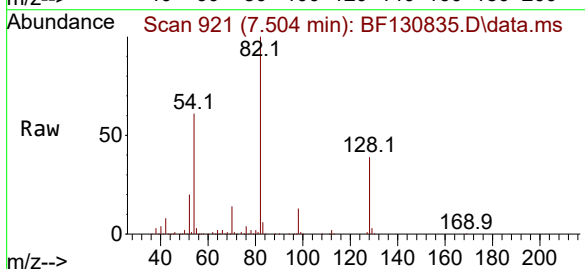
Instrument :
BNA_F
ClientSampleId :
SB-9

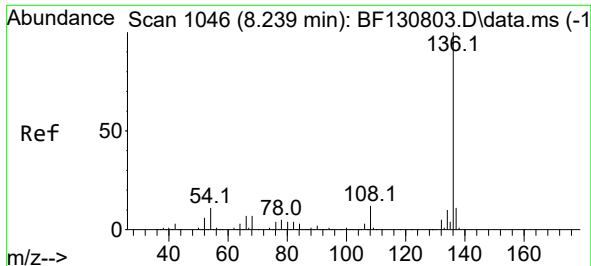
Tgt Ion: 99 Resp: 858832
Ion Ratio Lower Upper
99 100
42 23.4 18.8 28.2
71 39.4 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.674 ng
RT: 7.504 min Scan# 921
Delta R.T. 0.141 min
Lab File: BF130835.D
Acq: 28 Oct 2022 21:28

Tgt Ion: 70 Resp: 76532
Ion Ratio Lower Upper
70 100
42 56.7 56.1 84.1
101 0.0 7.3 10.9#
130 1.7 15.2 22.8#

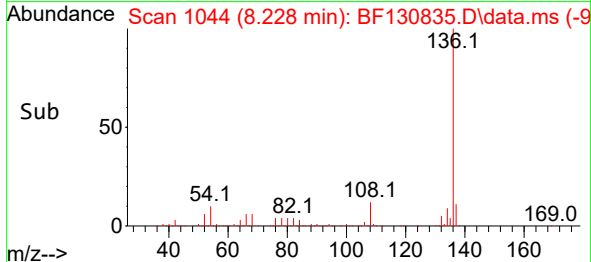
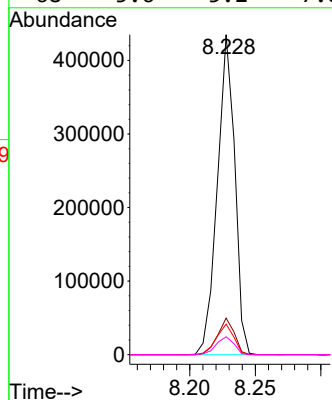
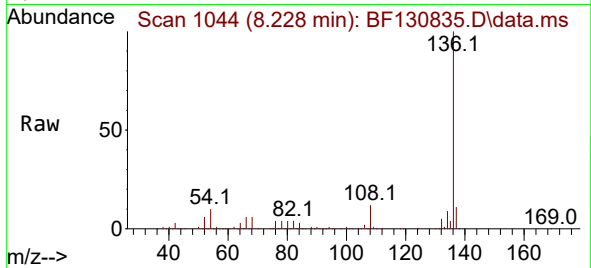




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130835.D
Acq: 28 Oct 2022 21:28

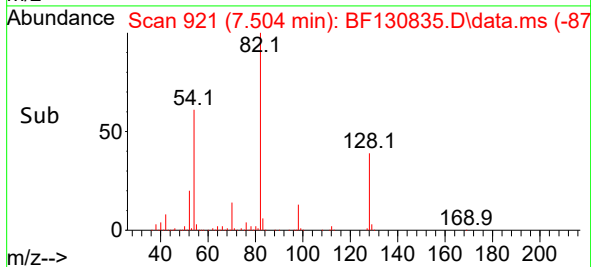
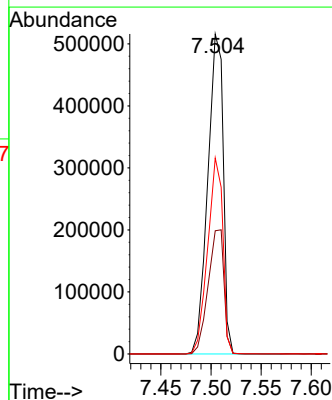
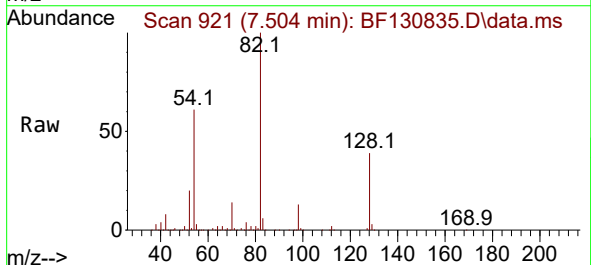
Instrument :
BNA_F
ClientSampleId :
SB-9

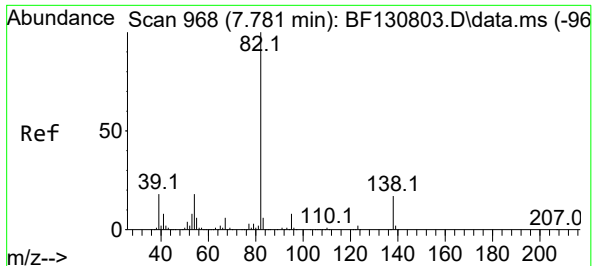
Tgt Ion:136	Resp: 401169
Ion Ratio	Lower Upper
136	100
137	11.4 9.2 13.8
54	9.6 8.8 13.2
68	5.6 5.2 7.8



#23
Nitrobenzene-d5
Concen: 83.231 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.012 min
Lab File: BF130835.D
Acq: 28 Oct 2022 21:28

Tgt Ion: 82	Resp: 553738
Ion Ratio	Lower Upper
82	100
128	38.5 31.2 46.8
54	61.3 48.0 72.0

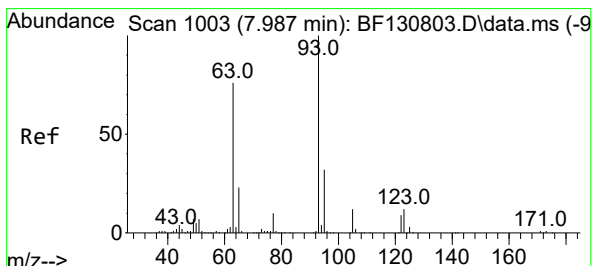
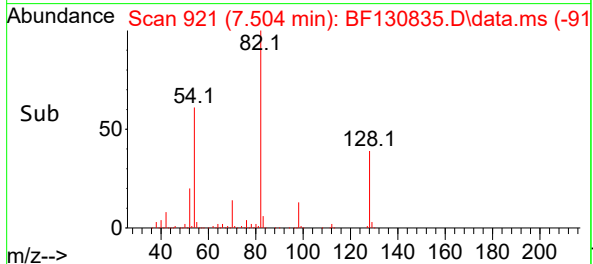
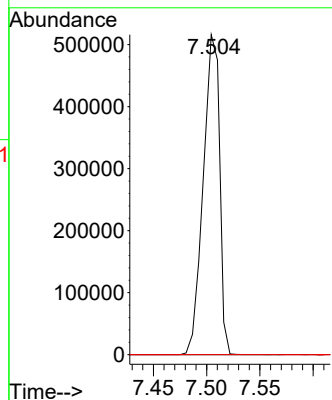
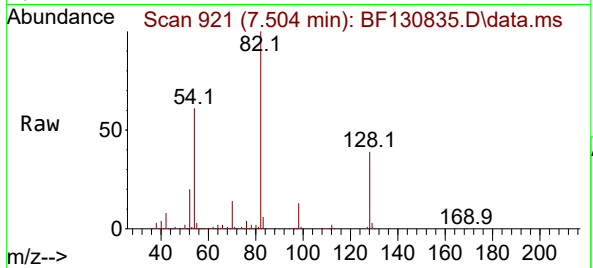




#25
Isophorone
Concen: 40.361 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130835.D
Acq: 28 Oct 2022 21:28

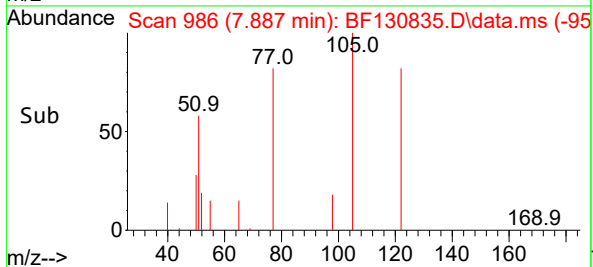
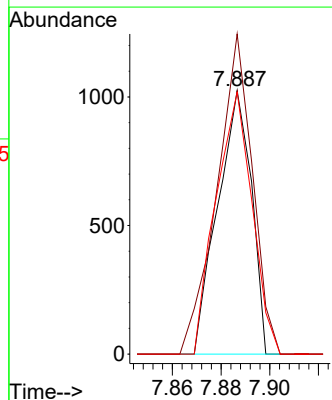
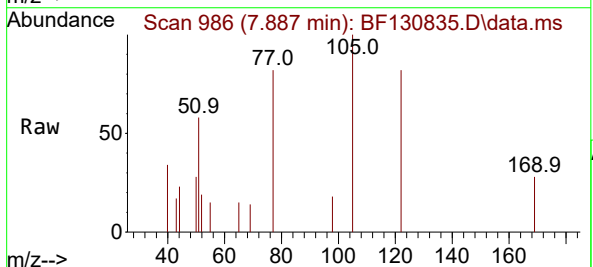
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ClientSampleId :
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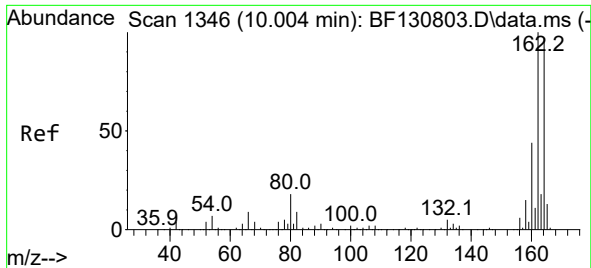
Tgt Ion: 82 Resp: 553732
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.883 ng
RT: 7.887 min Scan# 986
Delta R.T. -0.100 min
Lab File: BF130835.D
Acq: 28 Oct 2022 21:28

Tgt Ion:122 Resp: 979
Ion Ratio Lower Upper
122 100
105 121.5 114.5 154.5
77 99.5 89.8 129.8

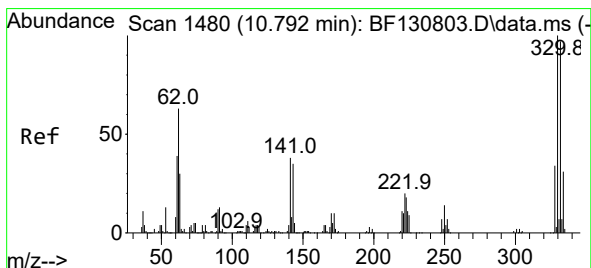
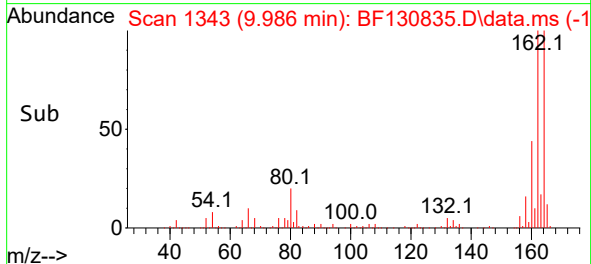
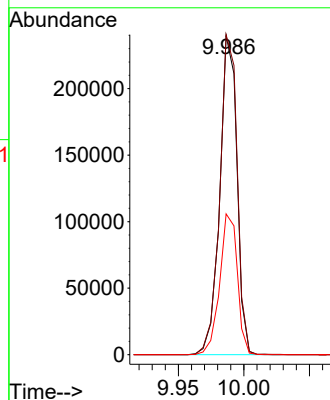
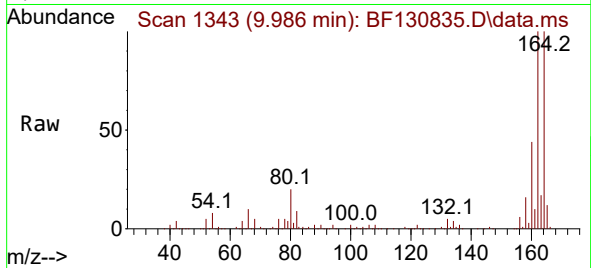




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF130835.D
Acq: 28 Oct 2022 21:28

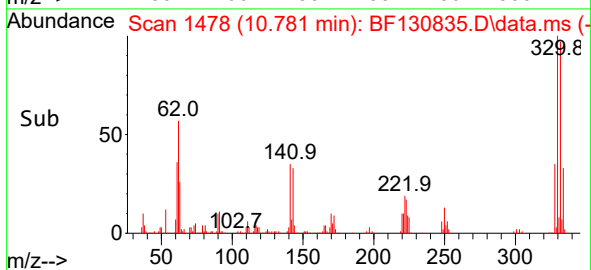
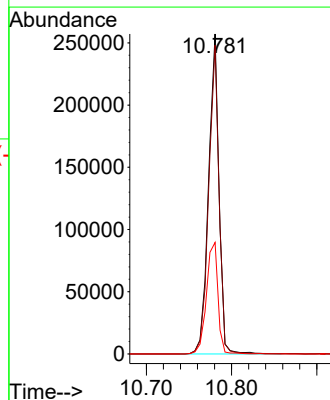
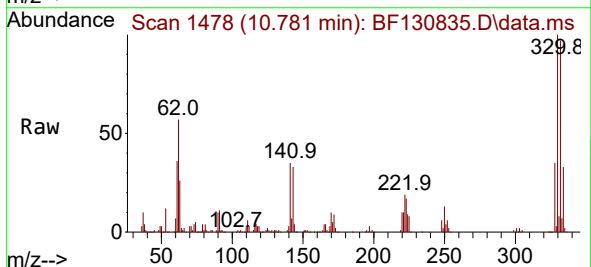
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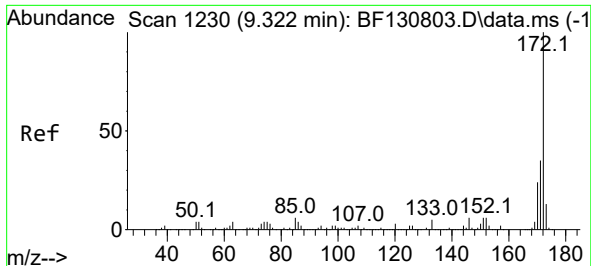
Tgt Ion:164 Resp: 217618
Ion Ratio Lower Upper
164 100
162 100.3 82.2 123.2
160 44.1 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 119.435 ng
RT: 10.781 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BF130835.D
Acq: 28 Oct 2022 21:28

Tgt Ion:330 Resp: 218794
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 38.5 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 69.727 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF130835.D

Acq: 28 Oct 2022 21:28

Instrument :

BNA_F

ClientSampleId :

SB-9

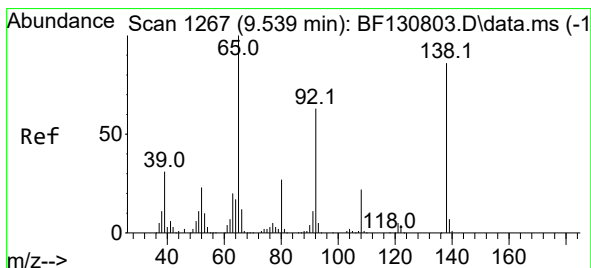
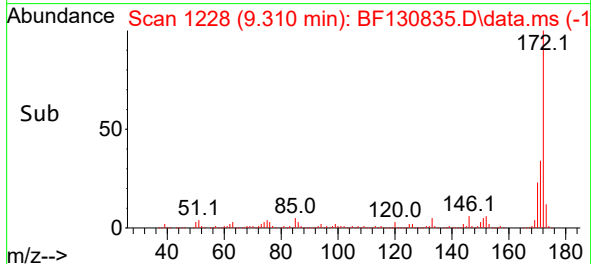
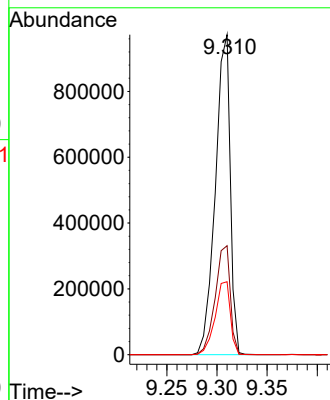
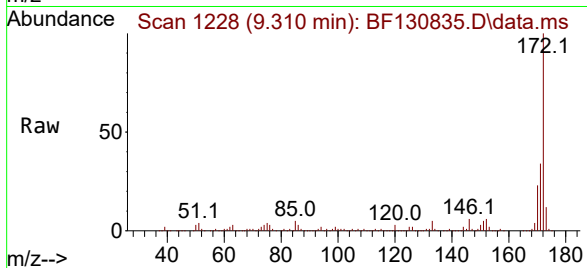
Tgt Ion:172 Resp: 1003646

Ion Ratio Lower Upper

172 100

171 34.0 28.1 42.1

170 22.8 19.0 28.4



#48

2-Nitroaniline

Concen: 4.618 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.223 min

Lab File: BF130835.D

Acq: 28 Oct 2022 21:28

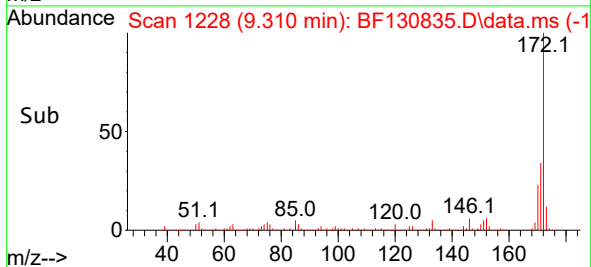
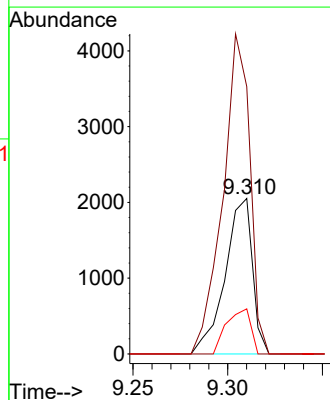
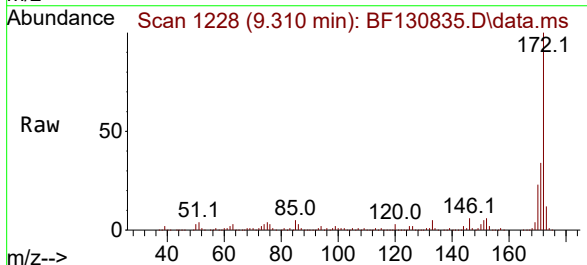
Tgt Ion: 65 Resp: 2061

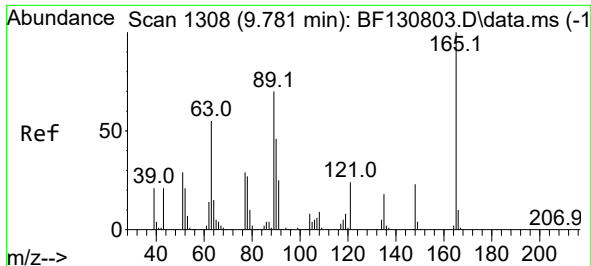
Ion Ratio Lower Upper

65 100

92 171.9 50.1 75.1#

138 29.0 69.2 103.8#





#51

2,6-Dinitrotoluene

Concen: 11.843 ng

RT: 9.986 min Scan# 1343

Delta R.T. 0.212 min

Lab File: BF130835.D

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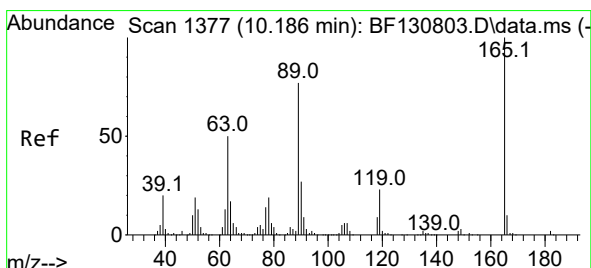
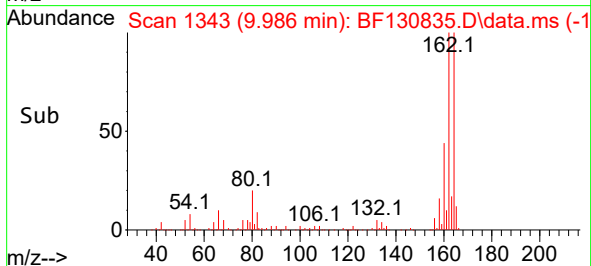
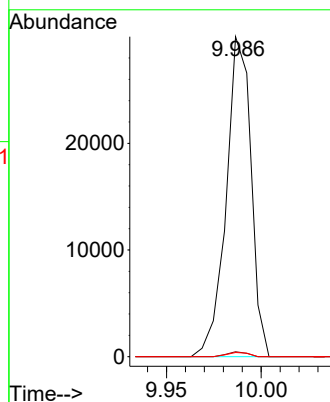
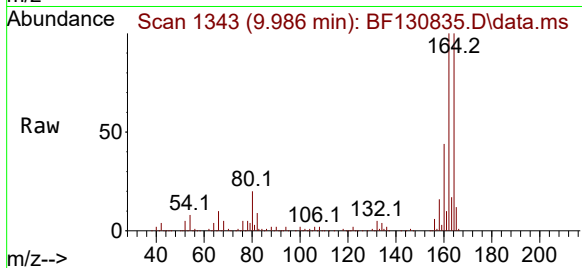
Tgt Ion:165 Resp: 27313

Ion Ratio Lower Upper

165 100

63 1.5 61.8 92.8#

89 1.3 56.2 84.4#



#57

2,4-Dinitrotoluene

Concen: 10.766 ng

RT: 9.986 min Scan# 1343

Delta R.T. -0.194 min

Lab File: BF130835.D

Acq: 28 Oct 2022 21:28

Tgt Ion:165 Resp: 27313

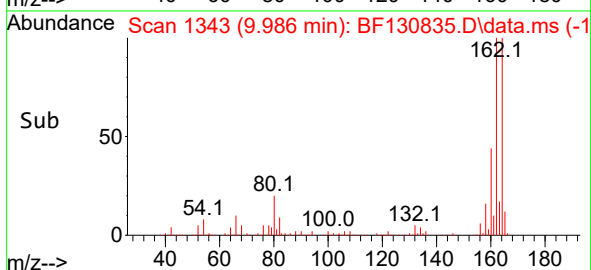
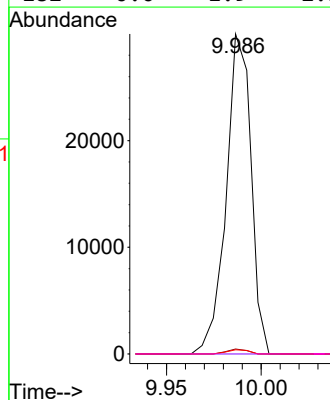
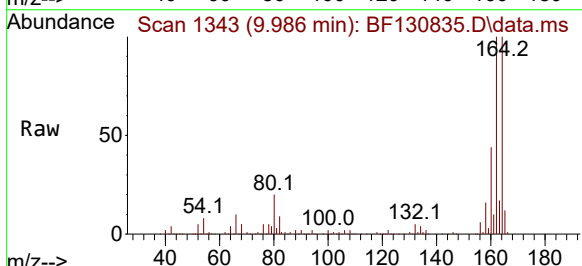
Ion Ratio Lower Upper

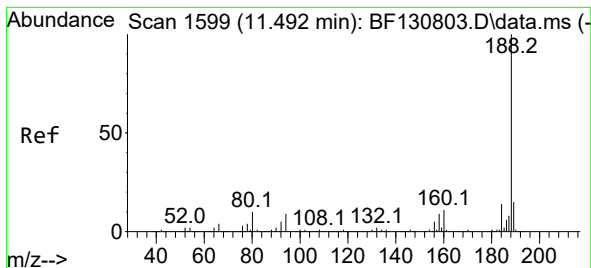
165 100

63 1.5 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# 11

Delta R.T. -0.006 min

Lab File: BF130835.D

Acq: 28 Oct 2022 21:28

Instrument :

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ClientSampleId :

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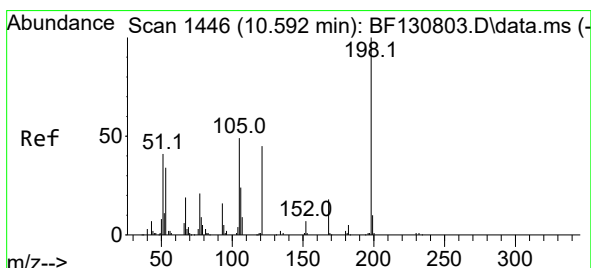
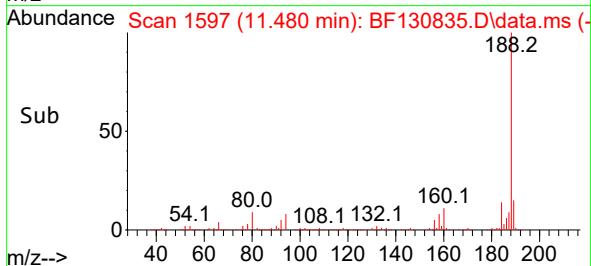
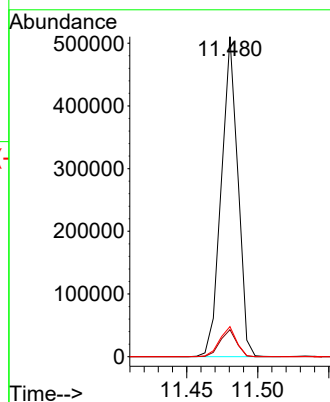
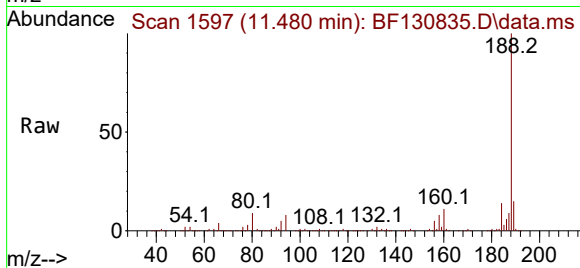
Tgt Ion:188 Resp: 413034

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

80 9.4 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 8.210 ng

RT: 10.781 min Scan# 1478

Delta R.T. 0.194 min

Lab File: BF130835.D

Acq: 28 Oct 2022 21:28

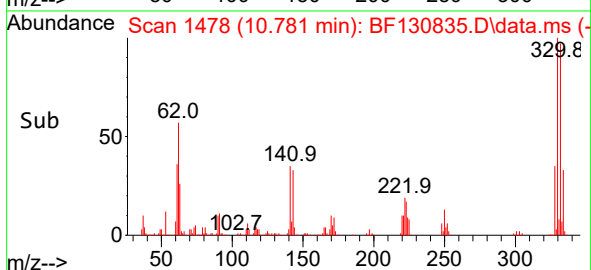
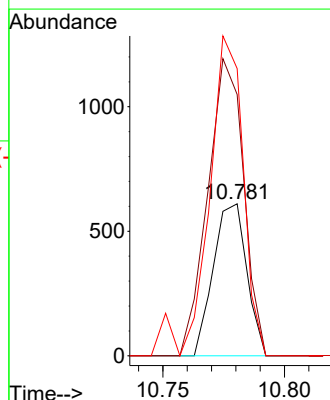
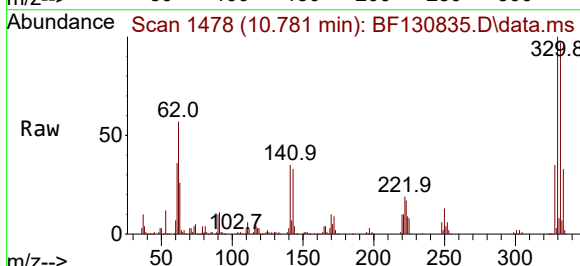
Tgt Ion:198 Resp: 582

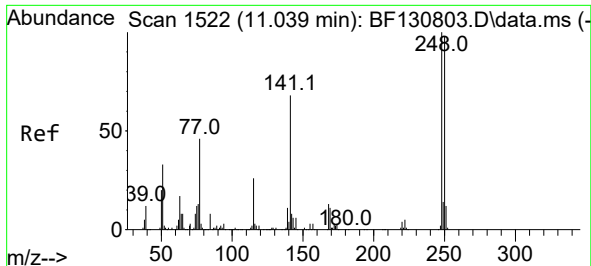
Ion Ratio Lower Upper

198 100

51 172.0 39.0 79.0#

105 189.0 30.6 70.6#

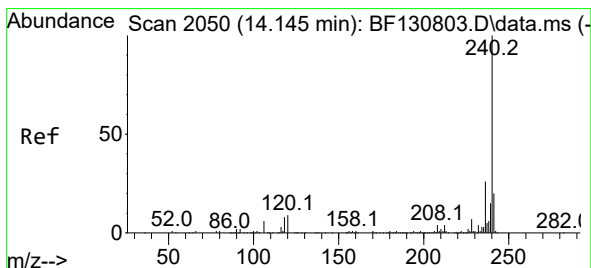
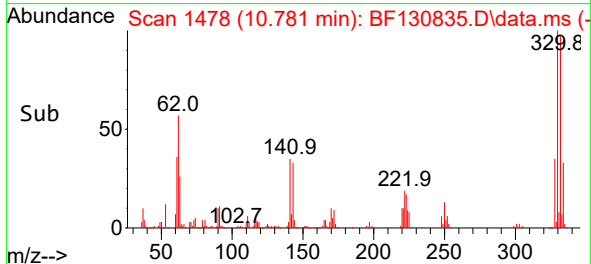
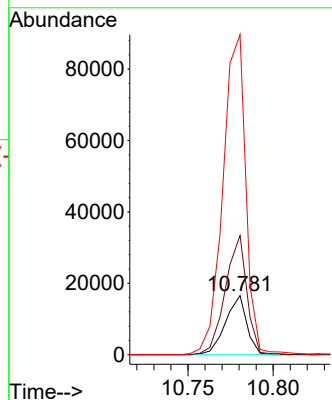
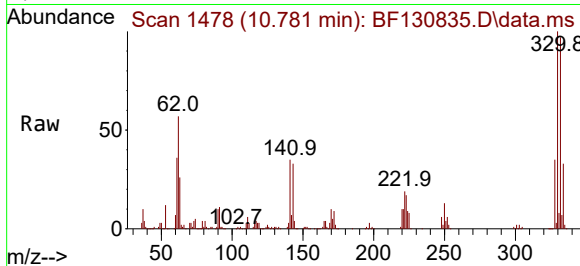




#67
4-Bromophenyl-phenylether
Concen: 3.451 ng
RT: 10.781 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130835.D
Acq: 28 Oct 2022 21:28

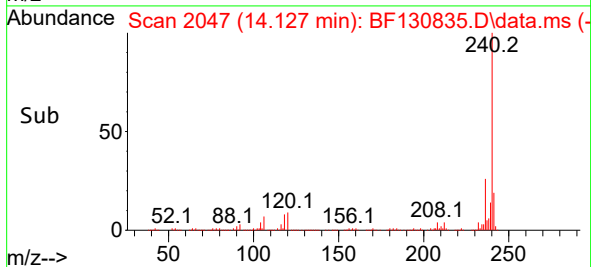
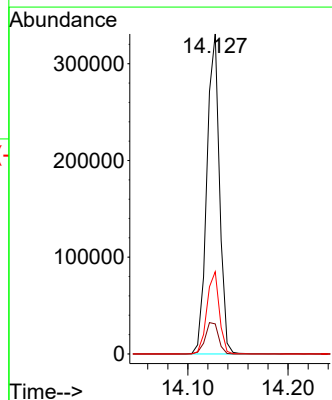
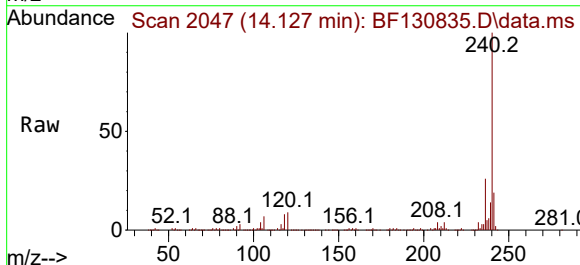
Instrument :
BNA_F
ClientSampleId :
SB-9

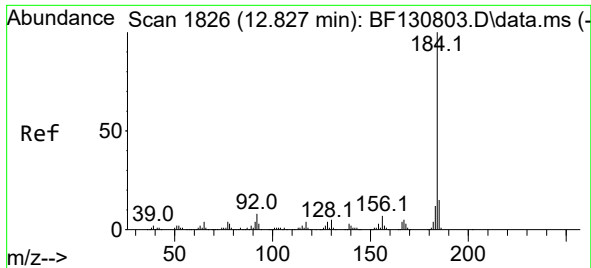
Tgt Ion:248 Resp: 14335
Ion Ratio Lower Upper
248 100
250 201.8 78.6 117.8#
141 542.1 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130835.D
Acq: 28 Oct 2022 21:28

Tgt Ion:240 Resp: 290963
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.4
236 25.7 20.5 30.7

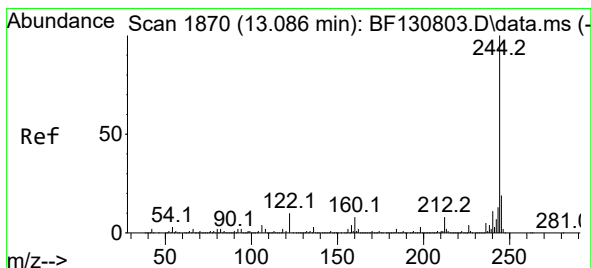
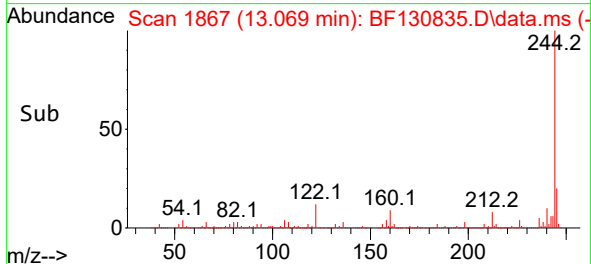
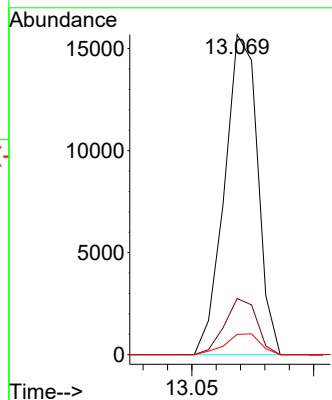
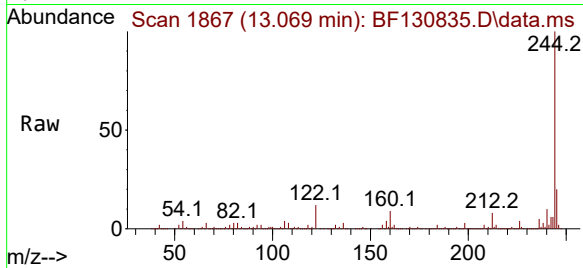




#77
Benzidine
Concen: 2.097 ng
RT: 13.069 min Scan# 1867
Delta R.T. 0.247 min
Lab File: BF130835.D
Acq: 28 Oct 2022 21:28

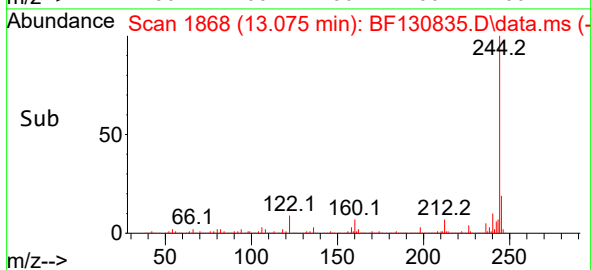
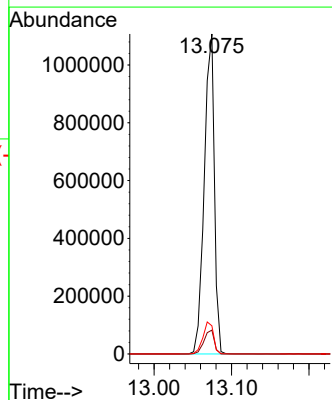
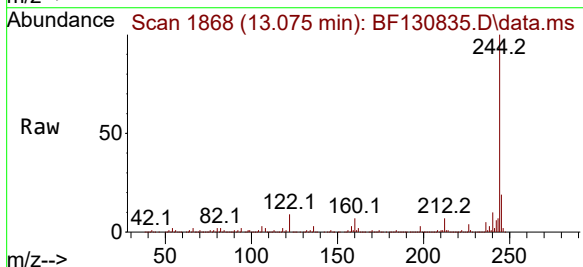
Instrument :
BNA_F
ClientSampleId :
SB-9

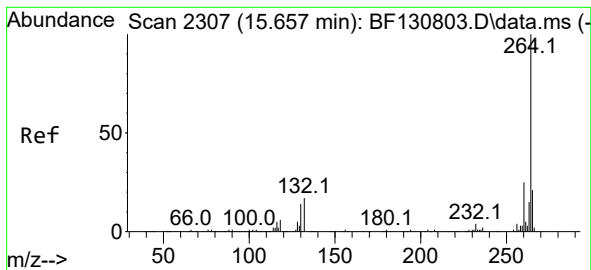
Tgt Ion:184 Resp: 14811
Ion Ratio Lower Upper
184 100
185 17.5 11.8 17.8
183 6.3 9.7 14.5#



#79
Terphenyl-d14
Concen: 63.159 ng
RT: 13.075 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BF130835.D
Acq: 28 Oct 2022 21:28

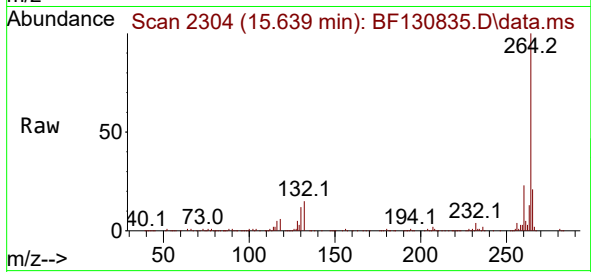
Tgt Ion:244 Resp: 1002861
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 8.8 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130835.D
Acq: 28 Oct 2022 21:28

Instrument :
BNA_F
ClientSampleId :
SB-9



Tgt Ion:264 Resp: 207870
Ion Ratio Lower Upper
264 100
260 23.3 19.9 29.9
265 20.8 17.0 25.6

