

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130849.D
 Acq On : 29 Oct 2022 04:26
 Operator : CG\JU
 Sample : N5281-06RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Quant Time: Oct 29 05:49:24 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)

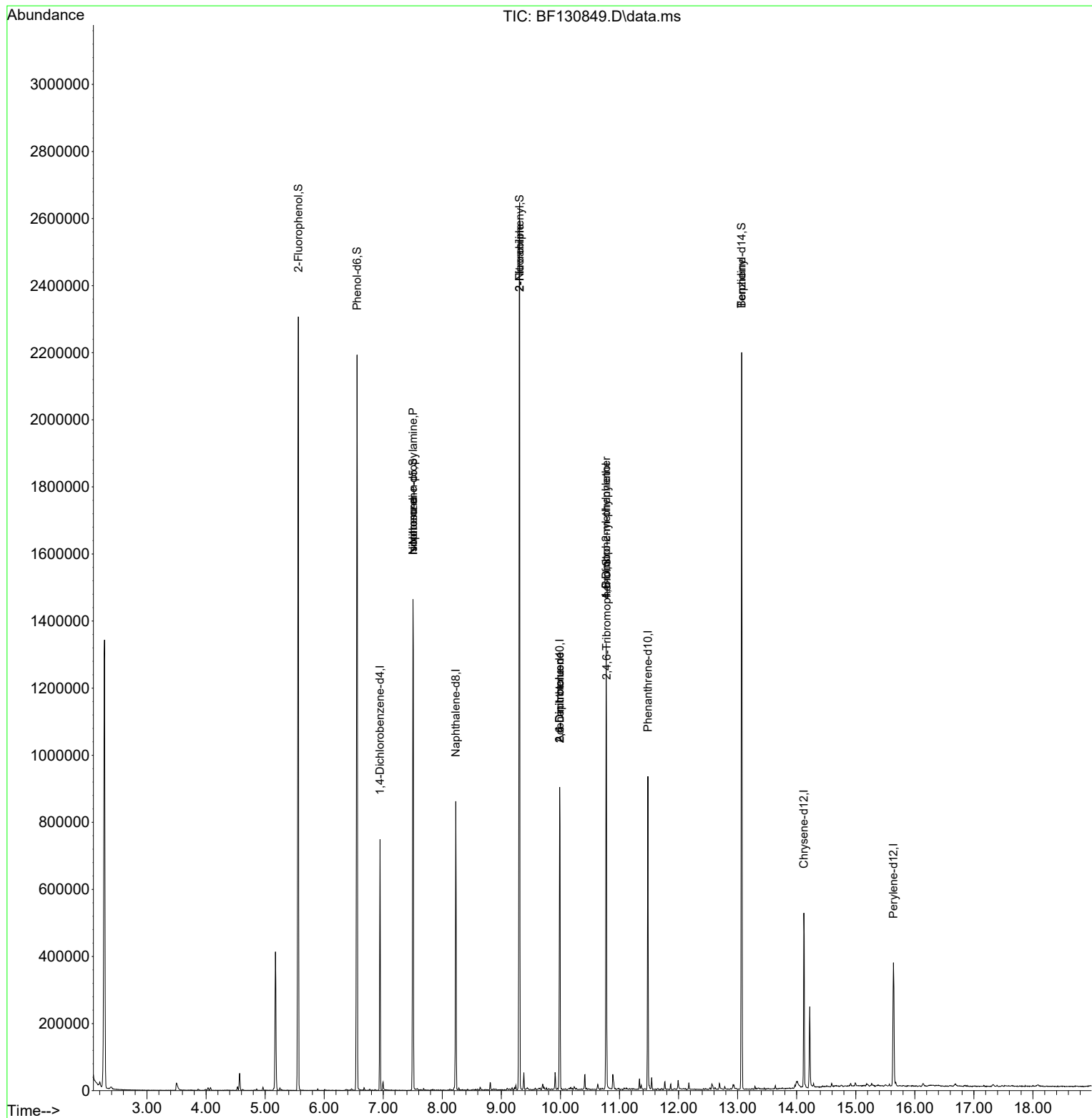
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	92174	20.000	ng	0.00
21) Naphthalene-d8	8.227	136	349169	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	181822	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	293318	20.000	ng	0.00
76) Chrysene-d12	14.121	240	173342	20.000	ng	#-0.01
86) Perylene-d12	15.639	264	167079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	542990	102.126	ng	0.00
7) Phenol-d6	6.557	99	727869	105.347	ng	0.00
23) Nitrobenzene-d5	7.504	82	477154	82.401	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	135876	88.774	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	861956	71.673	ng	0.00
79) Terphenyl-d14	13.068	244	668895	70.711	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	67225	14.300	ng	# 80
25) Isophorone	7.504	82	477147	39.958	ng	# 66
48) 2-Nitroaniline	9.310	65	1880	4.661	ng	# 1
51) 2,6-Dinitrotoluene	9.986	165	23673	12.181	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	23673	11.030	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.774	198	352	8.168	ng	# 1
67) 4-Bromophenyl-phenylether	10.774	248	9746	3.304	ng	# 1
77) Benzidine	13.068	184	10498	2.495	ng	# 91

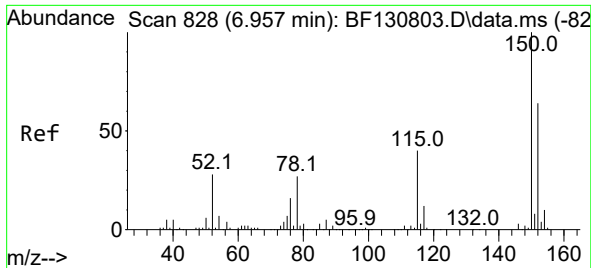
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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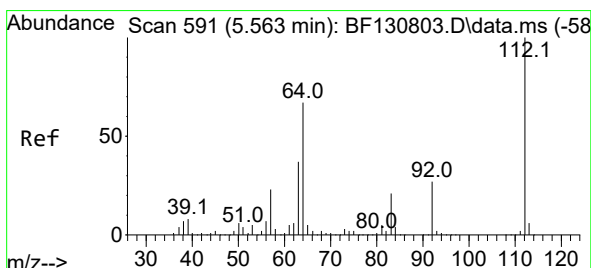
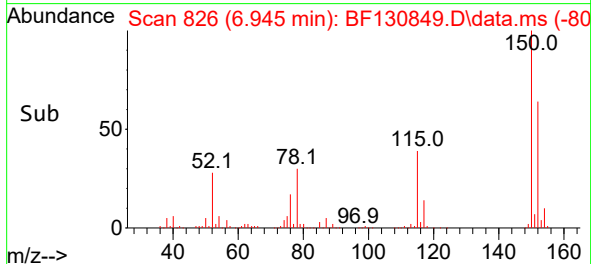
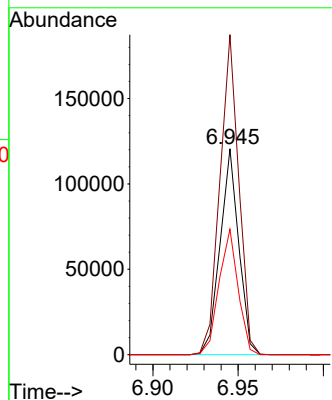
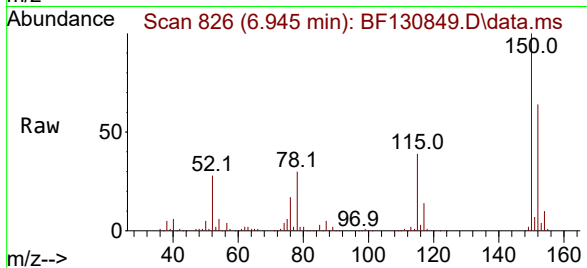




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130849.D
Acq: 29 Oct 2022 04:26

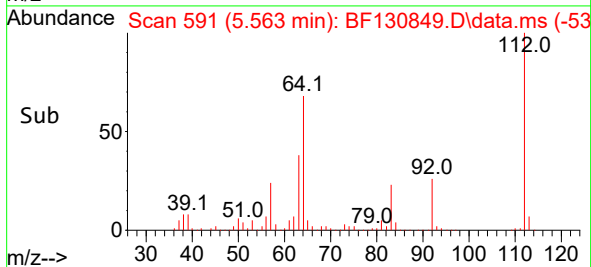
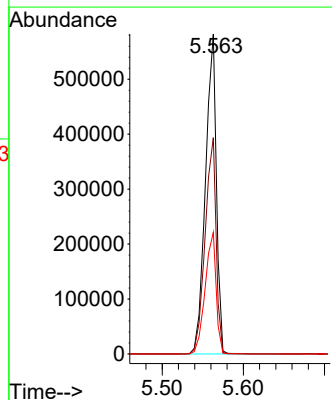
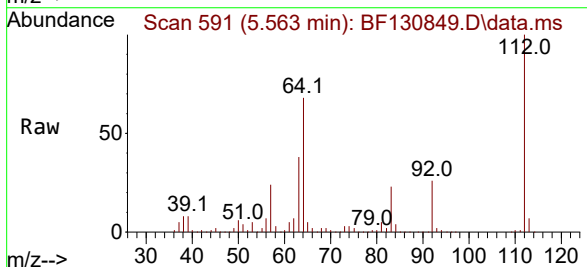
Instrument :
BNA_F
ClientSampleId :
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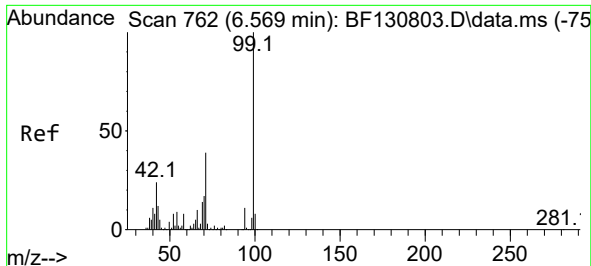
Tgt Ion:152 Resp: 92174
Ion Ratio Lower Upper
152 100
150 155.4 124.1 186.1
115 60.9 50.1 75.1



#5
2-Fluorophenol
Concen: 102.126 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF130849.D
Acq: 29 Oct 2022 04:26

Tgt Ion:112 Resp: 542990
Ion Ratio Lower Upper
112 100
64 67.6 53.9 80.9
63 38.0 29.4 44.2

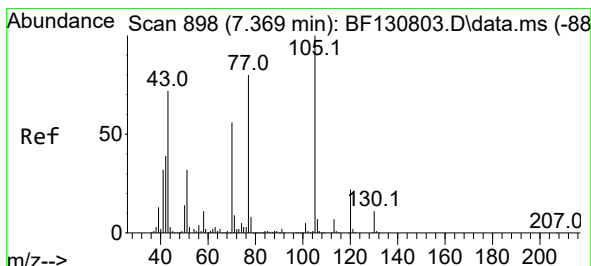
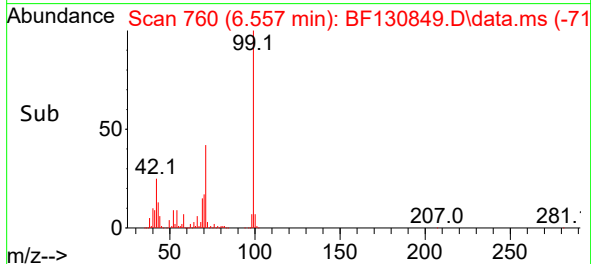
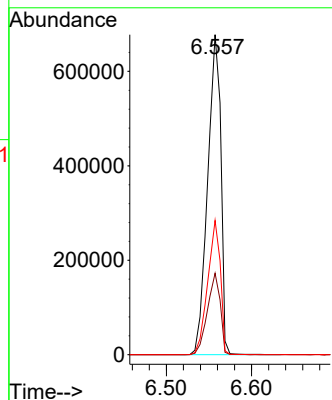
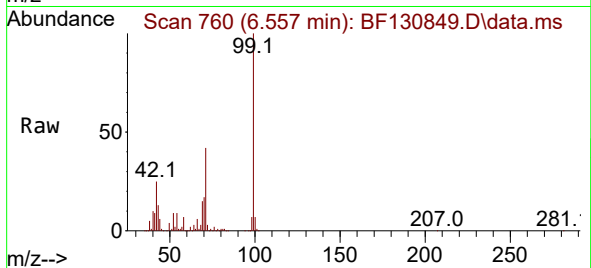




#7
Phenol-d6
Concen: 105.347 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130849.D
Acq: 29 Oct 2022 04:26

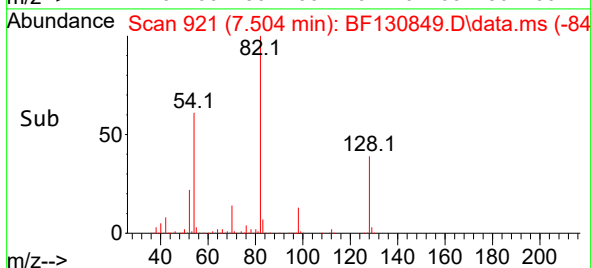
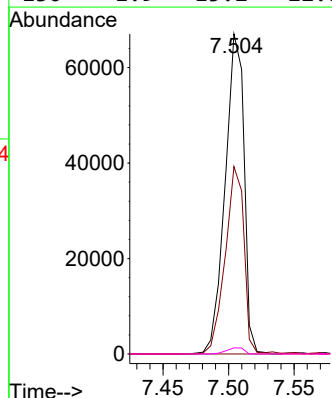
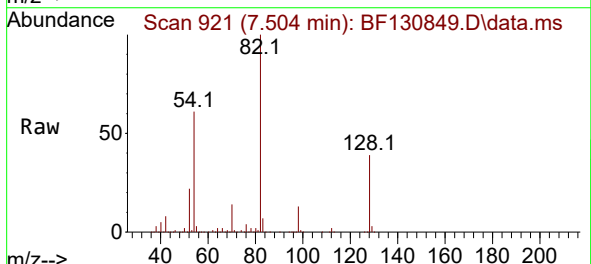
Instrument :
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ClientSampleId :
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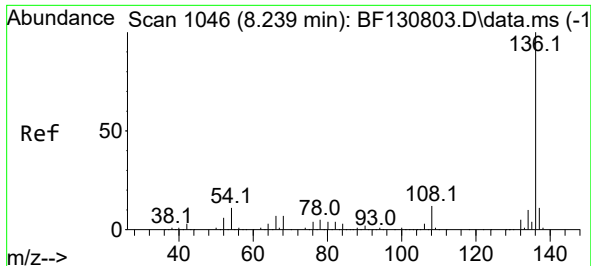
Tgt Ion: 99 Resp: 727869
Ion Ratio Lower Upper
99 100
42 25.4 18.8 28.2
71 42.0 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.300 ng
RT: 7.504 min Scan# 921
Delta R.T. 0.141 min
Lab File: BF130849.D
Acq: 29 Oct 2022 04:26

Tgt Ion: 70 Resp: 67225
Ion Ratio Lower Upper
70 100
42 58.6 56.1 84.1
101 0.0 7.3 10.9#
130 1.9 15.2 22.8#

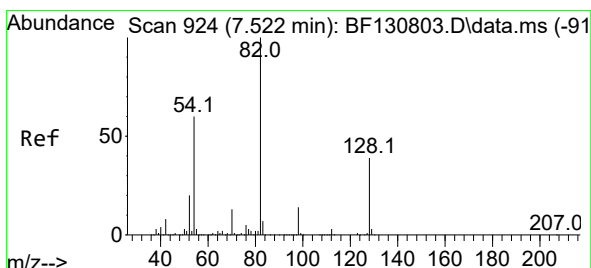
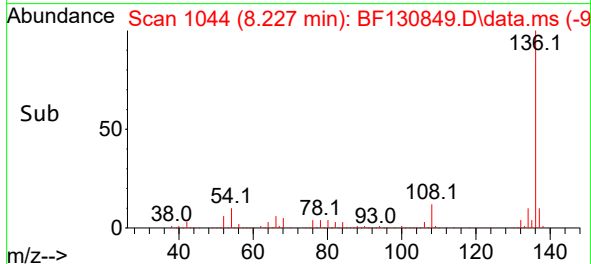
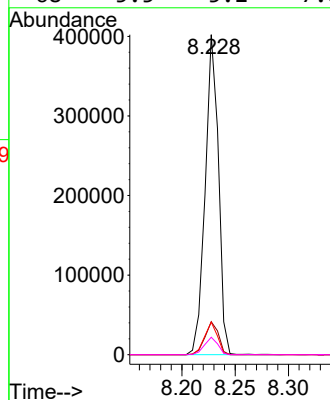
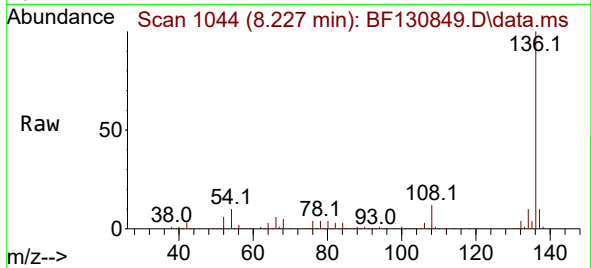




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.227 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130849.D
Acq: 29 Oct 2022 04:26

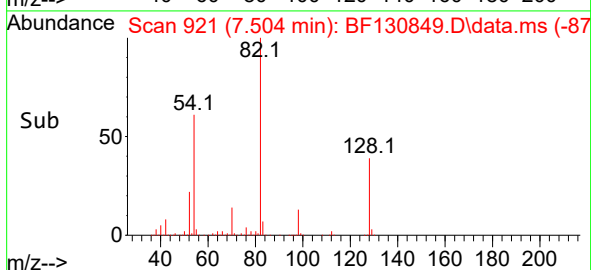
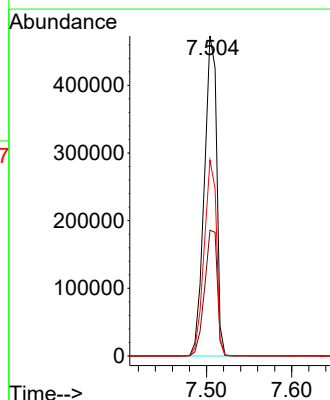
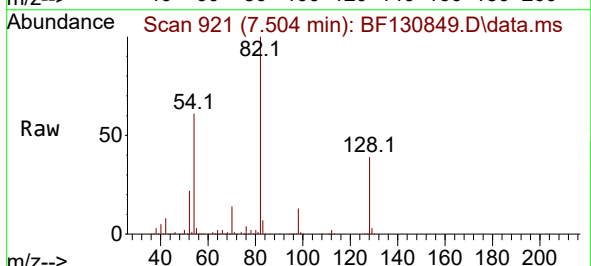
Instrument :
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ClientSampleId :
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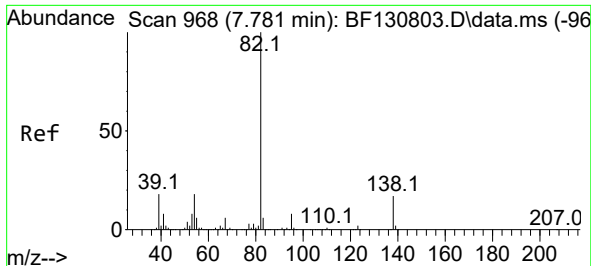
Tgt Ion:136	Resp: 349169
Ion Ratio	Lower Upper
136	100
137	10.3 9.2 13.8
54	10.2 8.8 13.2
68	5.5 5.2 7.8



#23
Nitrobenzene-d5
Concen: 82.401 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.012 min
Lab File: BF130849.D
Acq: 29 Oct 2022 04:26

Tgt Ion: 82	Resp: 477154
Ion Ratio	Lower Upper
82	100
128	39.3 31.2 46.8
54	61.2 48.0 72.0

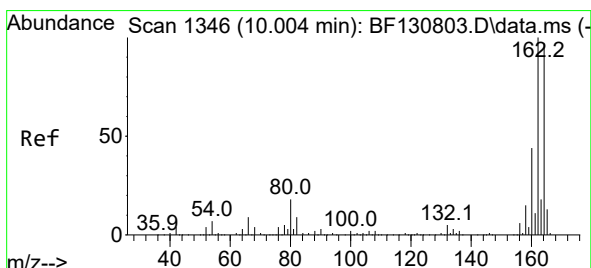
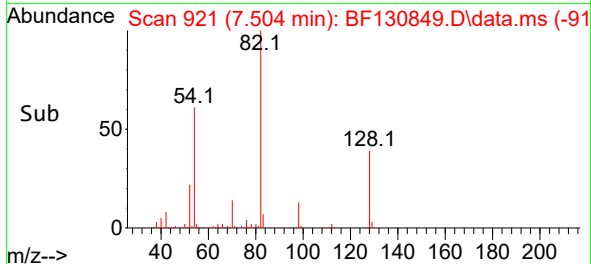
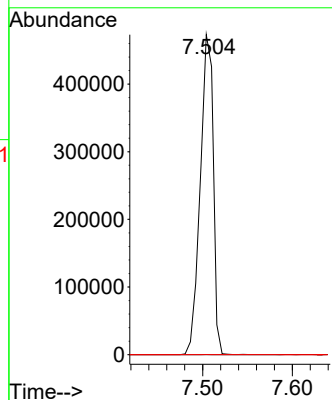
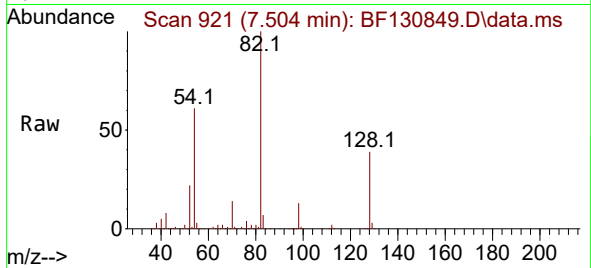




#25
Isophorone
Concen: 39.958 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130849.D
Acq: 29 Oct 2022 04:26

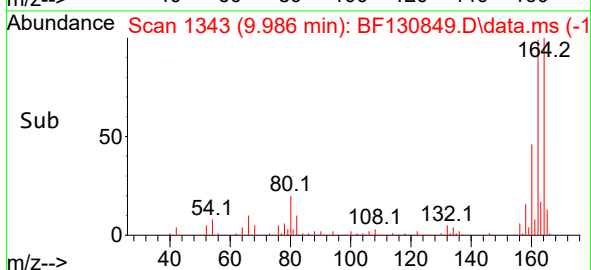
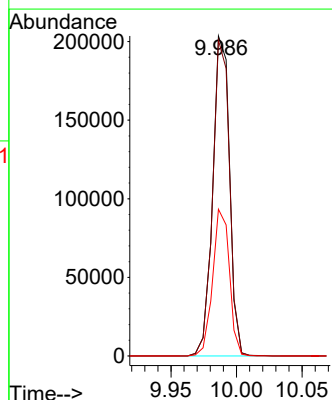
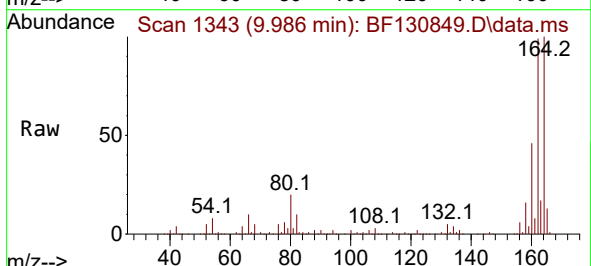
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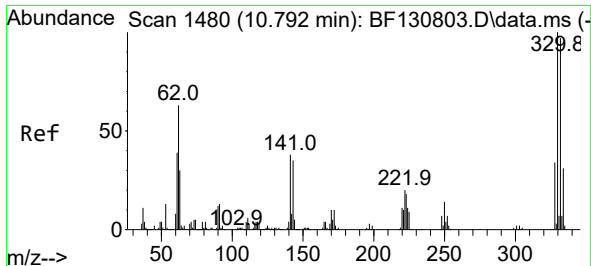
Tgt Ion: 82 Resp: 477147
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BF130849.D
Acq: 29 Oct 2022 04:26

Tgt Ion:164 Resp: 181822
Ion Ratio Lower Upper
164 100
162 98.7 82.2 123.2
160 45.9 36.6 54.8

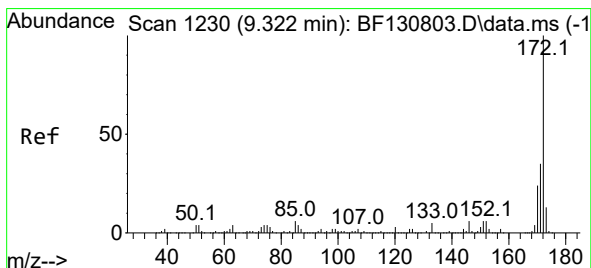
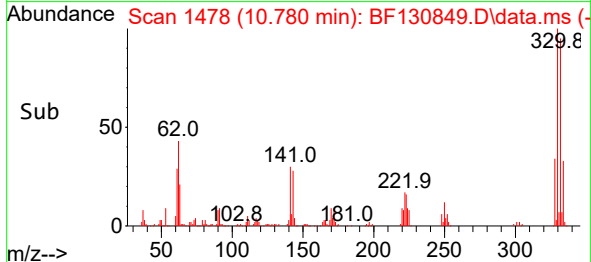
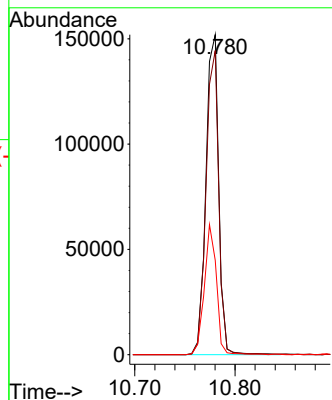
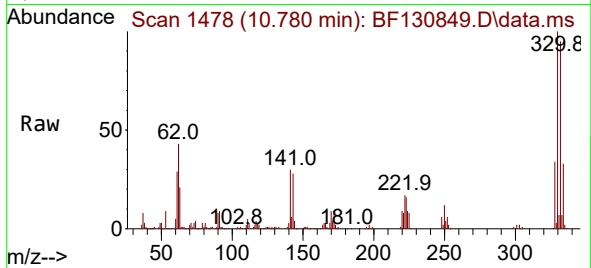




#42
2,4,6-Tribromophenol
Concen: 88.774 ng
RT: 10.780 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF130849.D
Acq: 29 Oct 2022 04:26

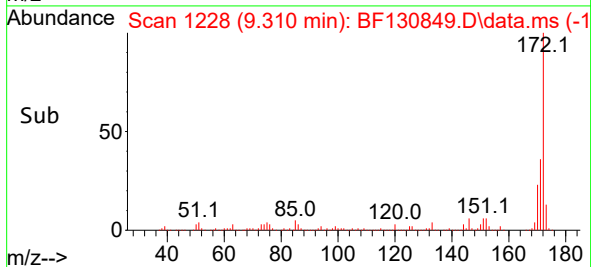
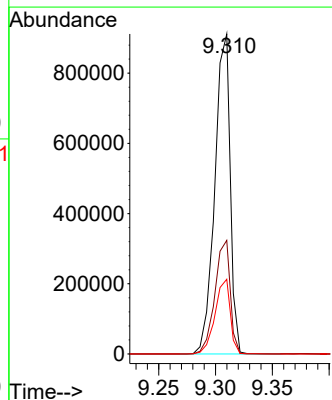
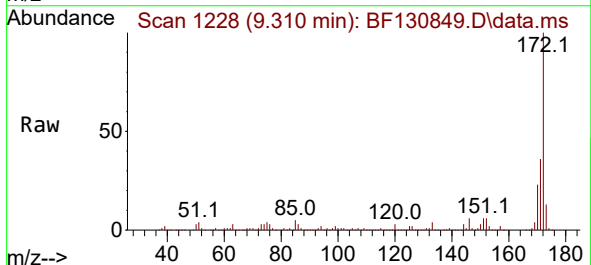
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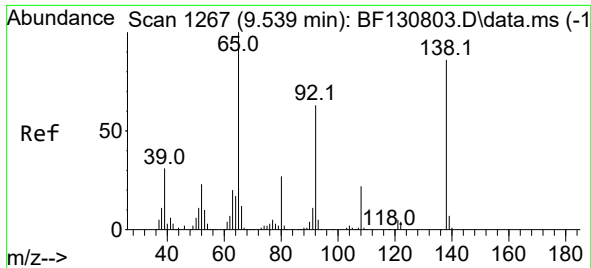
Tgt Ion: 330 Resp: 135876
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 38.3 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 71.673 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF130849.D
Acq: 29 Oct 2022 04:26

Tgt Ion: 172 Resp: 861956
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.4 19.0 28.4

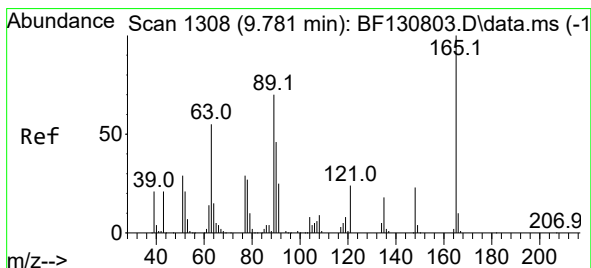
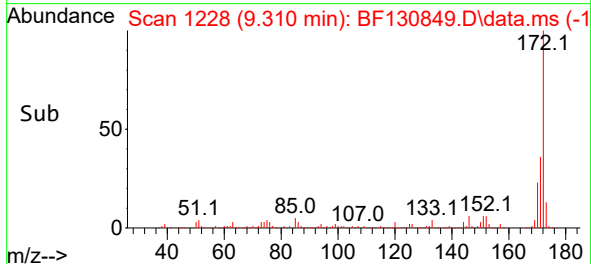
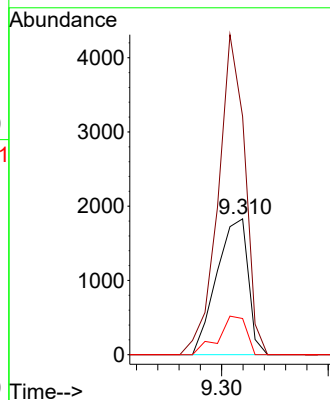
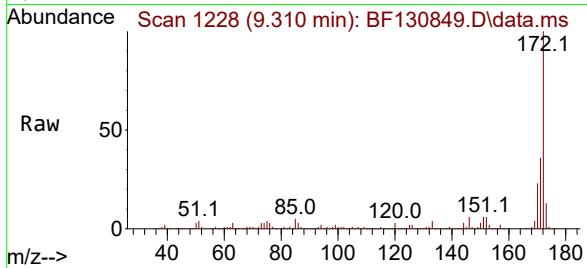




#48
2-Nitroaniline
Concen: 4.661 ng
RT: 9.310 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF130849.D
Acq: 29 Oct 2022 04:26

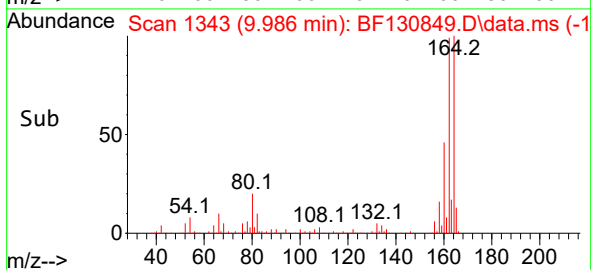
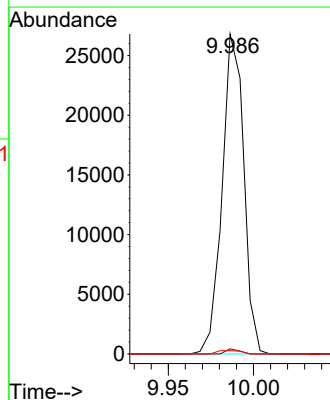
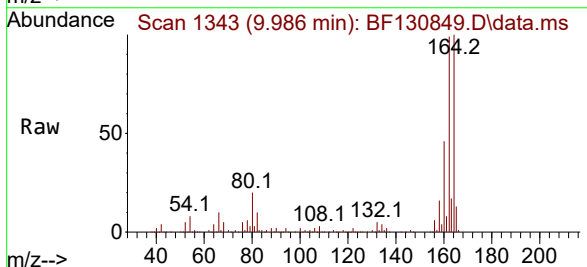
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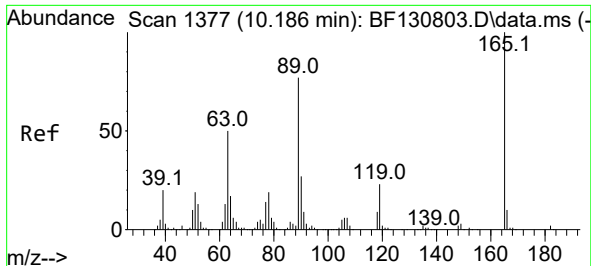
Tgt Ion: 65 Resp: 1880
Ion Ratio Lower Upper
65 100
92 175.5 50.1 75.1#
138 26.7 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.181 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.212 min
Lab File: BF130849.D
Acq: 29 Oct 2022 04:26

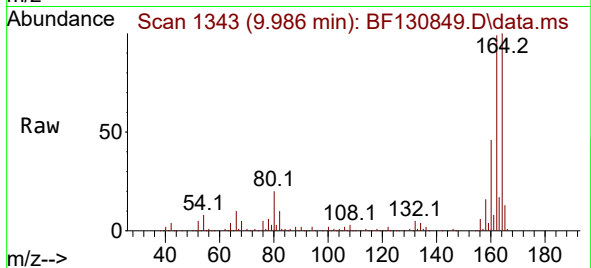
Tgt Ion: 165 Resp: 23673
Ion Ratio Lower Upper
165 100
63 1.6 61.8 92.8#
89 1.1 56.2 84.4#



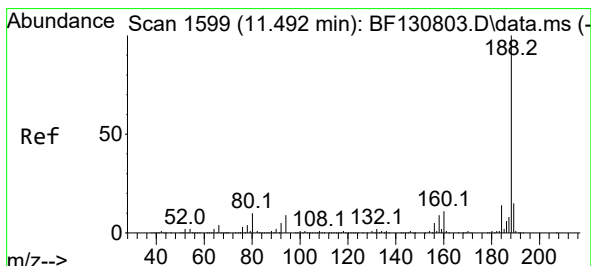
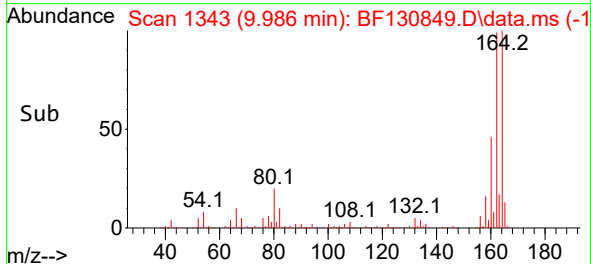
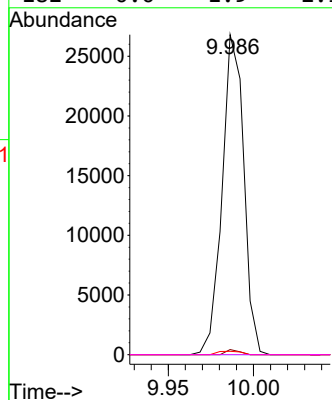


#57
2,4-Dinitrotoluene
Concen: 11.030 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130849.D
Acq: 29 Oct 2022 04:26

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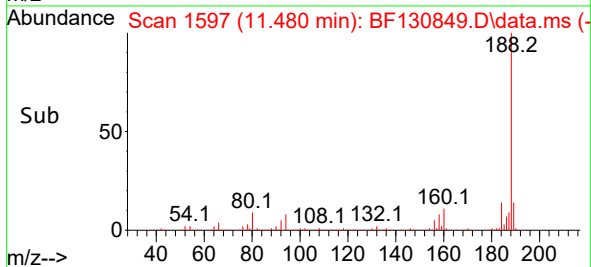
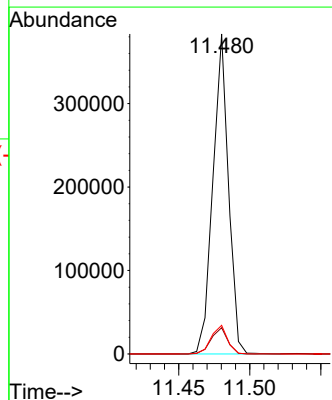
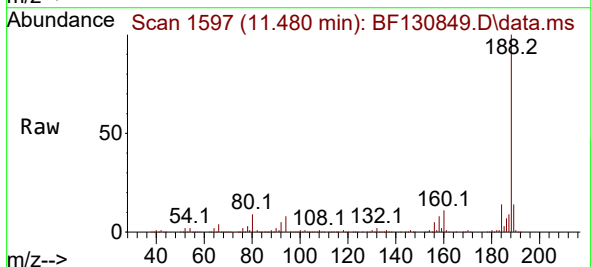


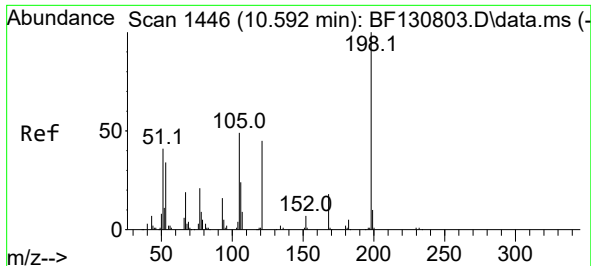
Tgt Ion:165 Resp: 23673
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.1 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF130849.D
Acq: 29 Oct 2022 04:26

Tgt Ion:188 Resp: 293318
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 8.9 8.0 12.0

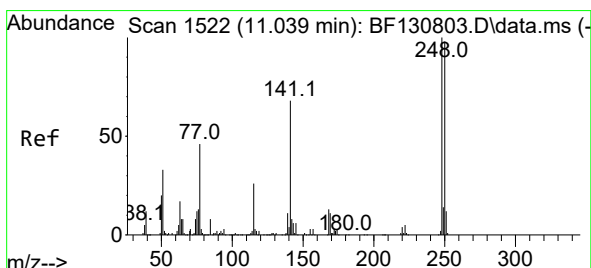
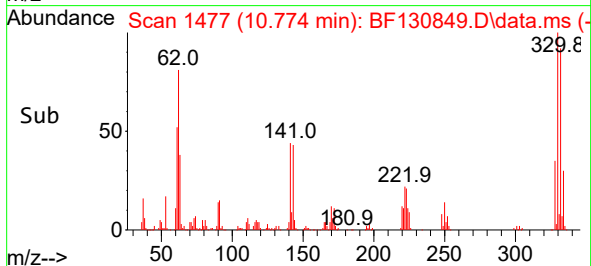
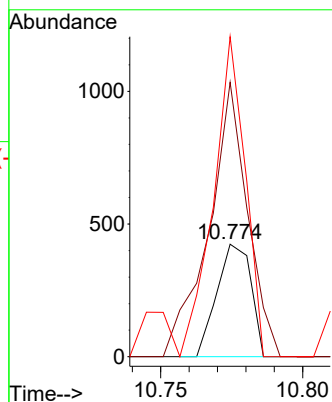
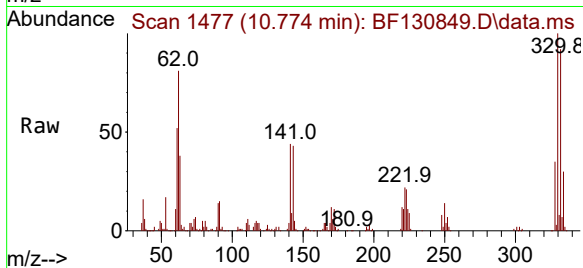




#65
4,6-Dinitro-2-methylphenol
Concen: 8.168 ng
RT: 10.774 min Scan# 1446
Delta R.T. 0.188 min
Lab File: BF130849.D
Acq: 29 Oct 2022 04:26

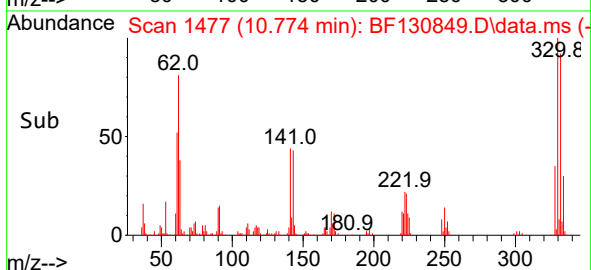
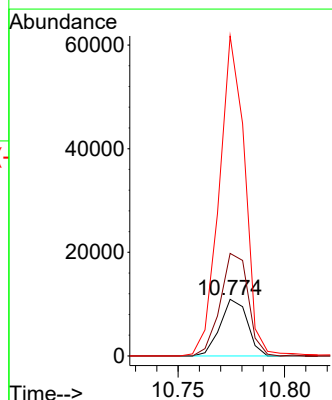
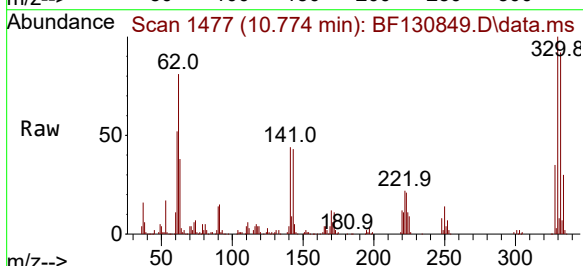
Instrument :
BNA_F
ClientSampleId :
SB-6

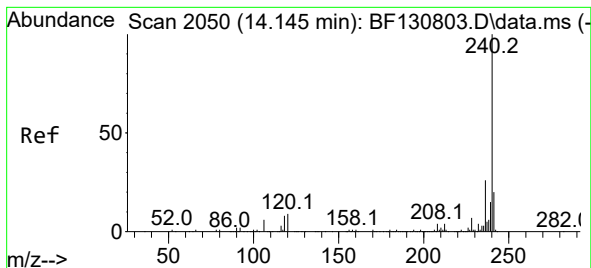
Tgt Ion:198 Resp: 352
Ion Ratio Lower Upper
198 100
51 243.9 39.0 79.0#
105 284.4 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.304 ng
RT: 10.774 min Scan# 1477
Delta R.T. -0.253 min
Lab File: BF130849.D
Acq: 29 Oct 2022 04:26

Tgt Ion:248 Resp: 9746
Ion Ratio Lower Upper
248 100
250 181.2 78.6 117.8#
141 565.2 54.2 81.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2050

Delta R.T. -0.012 min

Lab File: BF130849.D

Acq: 29 Oct 2022 04:26

Instrument :

BNA_F

ClientSampleId :

SB-6

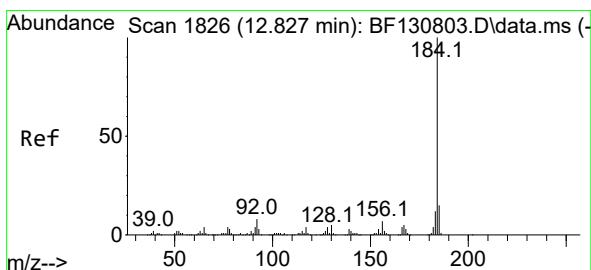
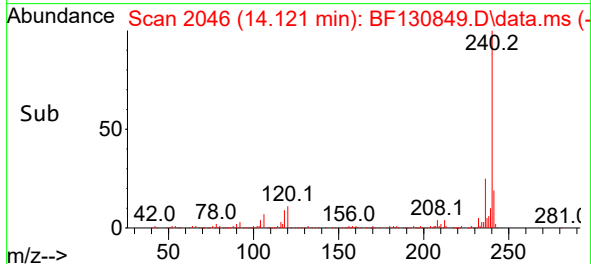
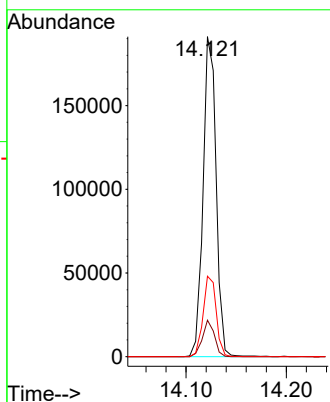
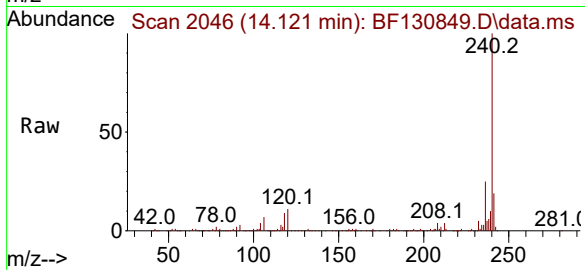
Tgt Ion:240 Resp: 173342

Ion Ratio Lower Upper

240 100

120 11.4 7.0 10.4#

236 25.1 20.5 30.7



#77

Benzdine

Concen: 2.495 ng

RT: 13.068 min Scan# 1867

Delta R.T. 0.247 min

Lab File: BF130849.D

Acq: 29 Oct 2022 04:26

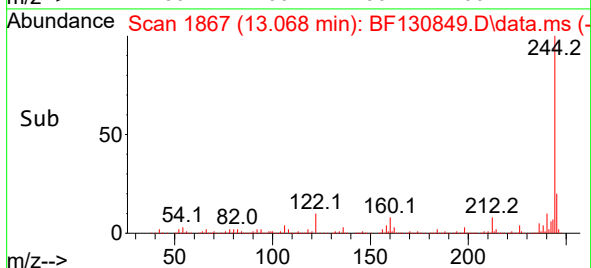
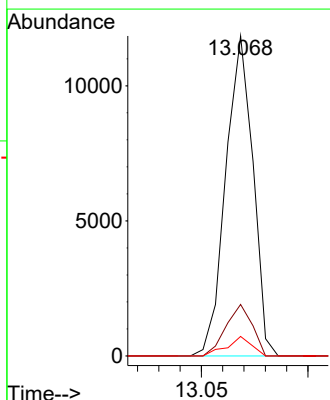
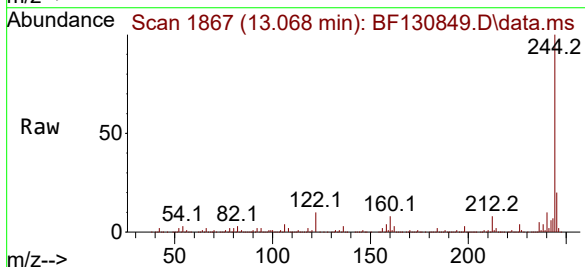
Tgt Ion:184 Resp: 10498

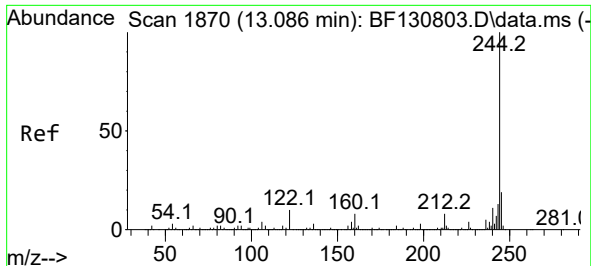
Ion Ratio Lower Upper

184 100

185 16.1 11.8 17.8

183 6.1 9.7 14.5#

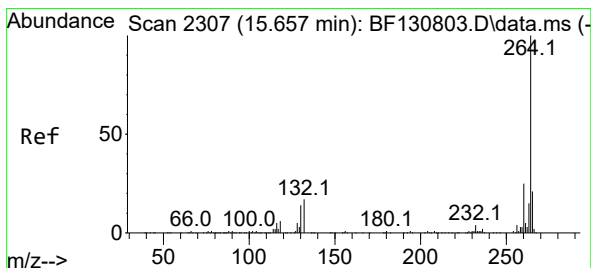
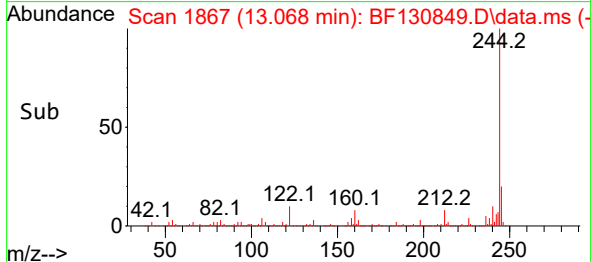
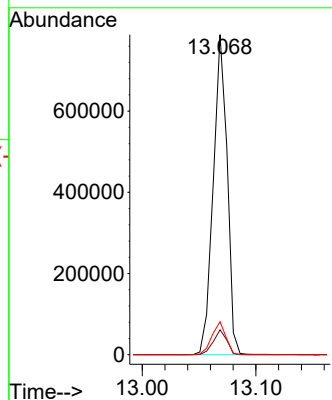
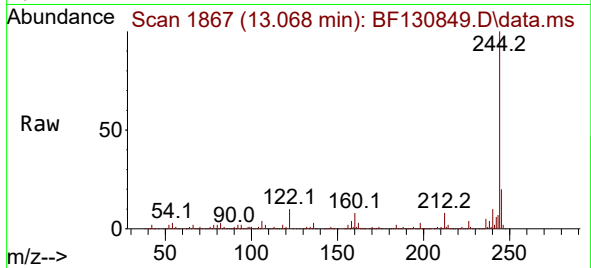




#79
 Terphenyl-d14
 Concen: 70.711 ng
 RT: 13.068 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130849.D
 Acq: 29 Oct 2022 04:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Tgt Ion:244 Resp: 668895
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 10.3 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: BF130849.D
 Acq: 29 Oct 2022 04:26

Tgt Ion:264 Resp: 167079
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.9 29.9
 265 22.0 17.0 25.6

