

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
 Data File : BF130206.D
 Acq On : 12 Sep 2022 13:31
 Operator : CG\JU
 Sample : PB147569BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147569BL

Quant Time: Sep 13 02:12:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

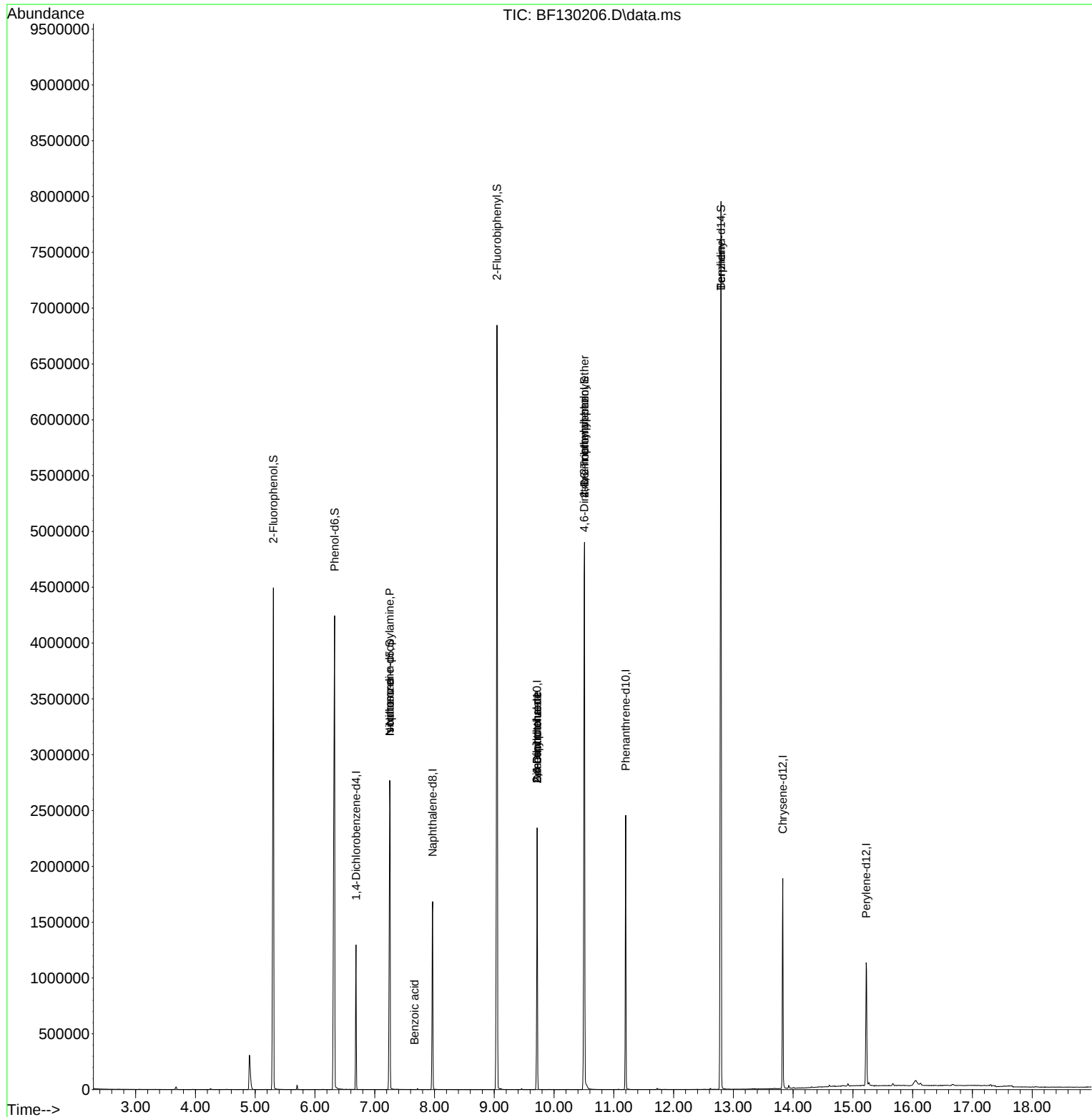
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.687	152	173128	20.000	ng	-0.01
21) Naphthalene-d8	7.969	136	844218	20.000	ng	-0.01
39) Acenaphthene-d10	9.716	164	445839	20.000	ng	-0.02
64) Phenanthrene-d10	11.198	188	787674	20.000	ng	-0.01
76) Chrysene-d12	13.827	240	598093	20.000	ng	-0.02
86) Perylene-d12	15.221	264	466878	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1551067	152.094	ng	0.00
7) Phenol-d6	6.328	99	1902143	149.609	ng	0.00
23) Nitrobenzene-d5	7.251	82	1132868	86.240	ng	-0.02
42) 2,4,6-Tribromophenol	10.510	330	723833	178.355	ng	-0.01
45) 2-Fluorobiphenyl	9.045	172	2507446	93.245	ng	-0.01
79) Terphenyl-d14	12.792	244	3155959	91.504	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.251	70	151490	19.778	ng	# 74
25) Isophorone	7.251	82	1118776	42.078	ng	# 65
32) Benzoic acid	7.663	122	146	6.586	ng	# 33
50) Dimethylphthalate	9.716	163	84101	2.769	ng	# 1
51) 2,6-Dinitrotoluene	9.716	165	57038	9.634	ng	# 22
57) 2,4-Dinitrotoluene	9.716	165	57038	8.368	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.504	198	1634	6.465	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	42175	4.814	ng	# 1
77) Benzidine	12.792	184	42618	2.639	ng	# 96

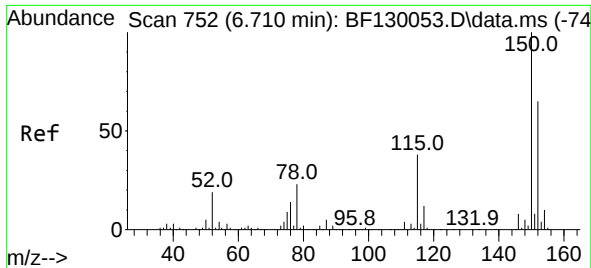
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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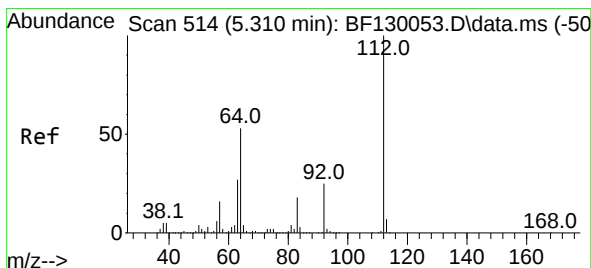
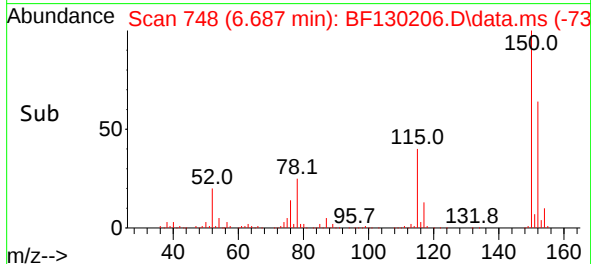
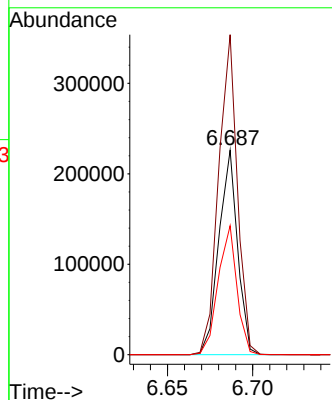
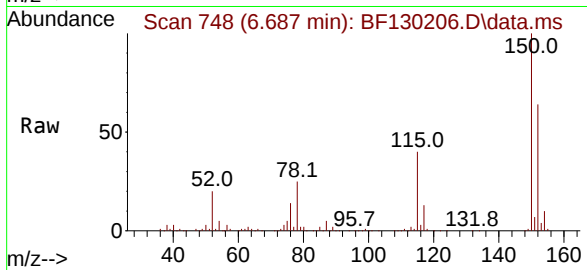




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.687 min Scan# 74
 Delta R.T. -0.011 min
 Lab File: BF130206.D
 Acq: 12 Sep 2022 13:31

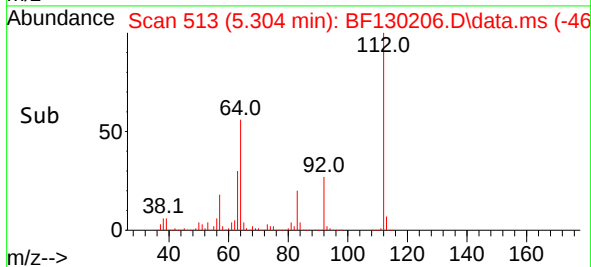
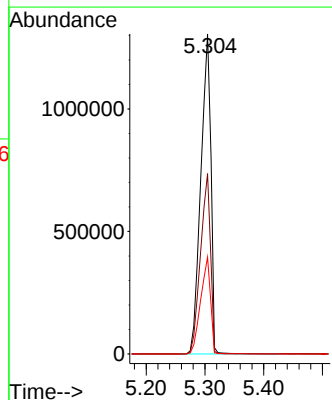
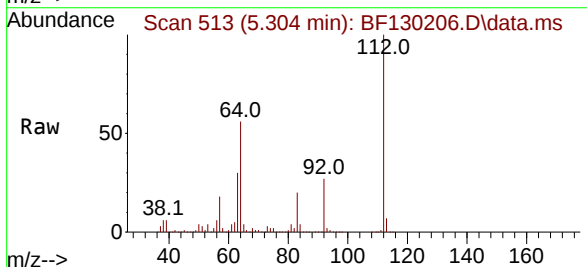
Instrument :
 BNA_F
 ClientSampleId :
 PB147569BL

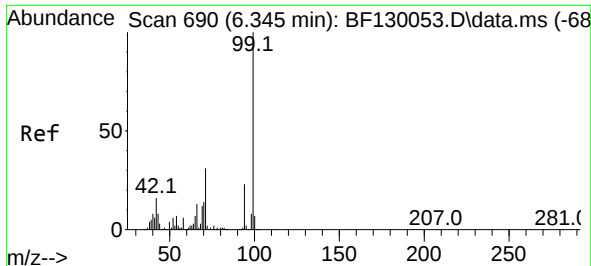
Tgt Ion:152 Resp: 173128
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.9 190.3
 115 63.0 53.4 80.0



#5
 2-Fluorophenol
 Concen: 152.094 ng
 RT: 5.304 min Scan# 513
 Delta R.T. 0.006 min
 Lab File: BF130206.D
 Acq: 12 Sep 2022 13:31

Tgt Ion:112 Resp: 1551067
 Ion Ratio Lower Upper
 112 100
 64 56.3 47.6 71.4
 63 30.2 24.6 37.0

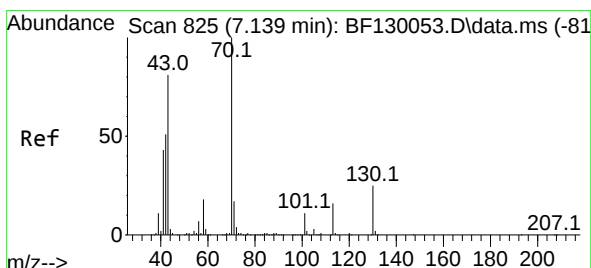
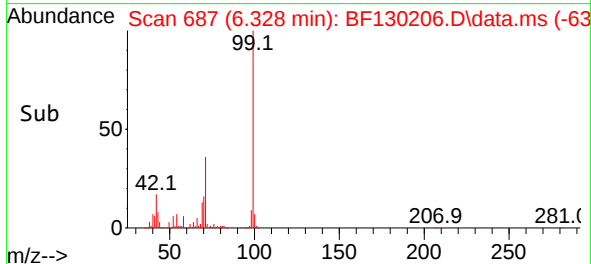
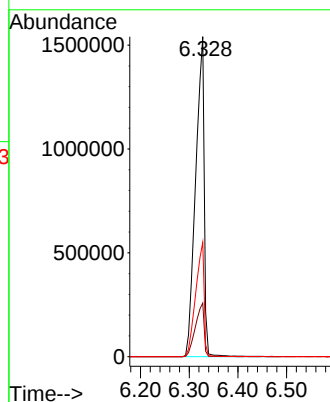
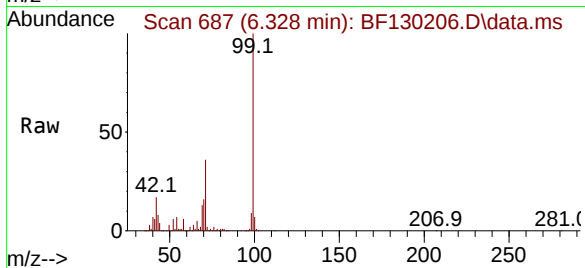




#7
Phenol-d6
Concen: 149.609 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130206.D
Acq: 12 Sep 2022 13:31

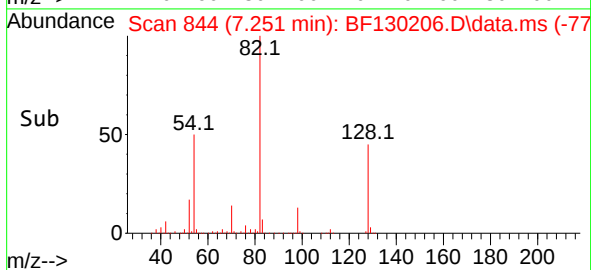
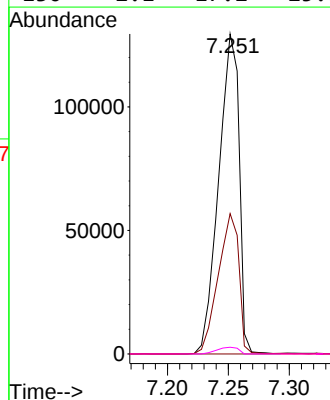
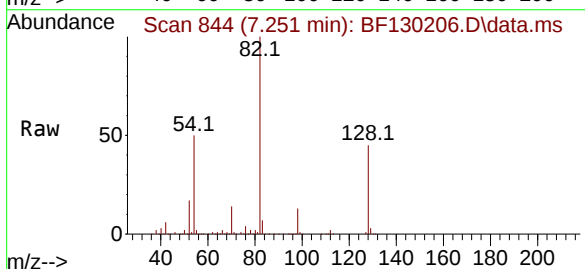
Instrument :
BNA_F
ClientSampleId :
PB147569BL

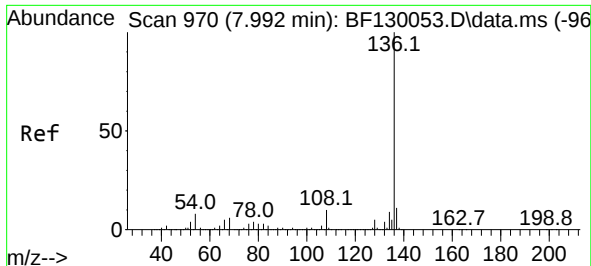
Tgt Ion: 99 Resp: 1902143
Ion Ratio Lower Upper
99 100
42 16.7 15.0 22.4
71 35.7 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.778 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.124 min
Lab File: BF130206.D
Acq: 12 Sep 2022 13:31

Tgt Ion: 70 Resp: 151490
Ion Ratio Lower Upper
70 100
42 43.9 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#

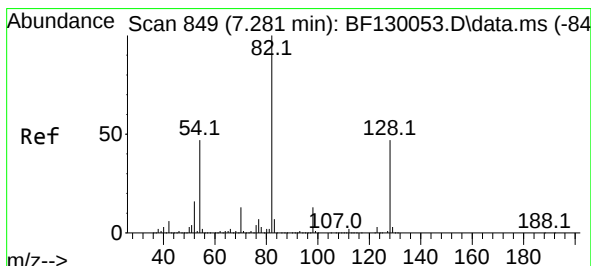
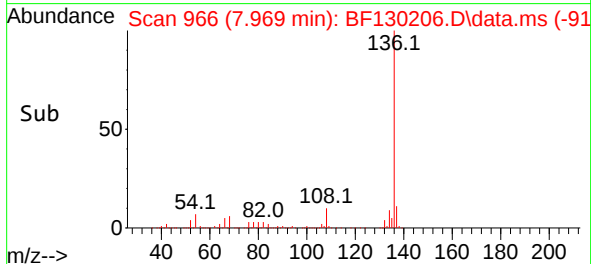
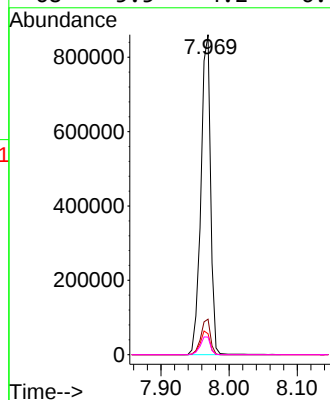
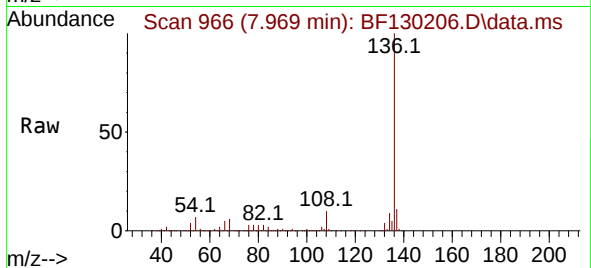




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.969 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130206.D
Acq: 12 Sep 2022 13:31

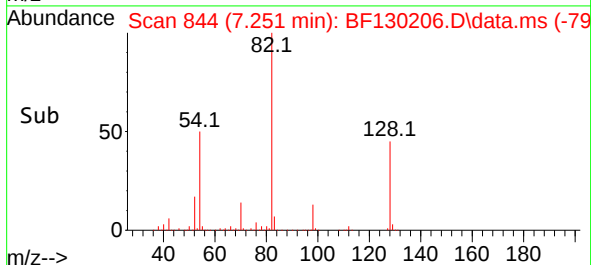
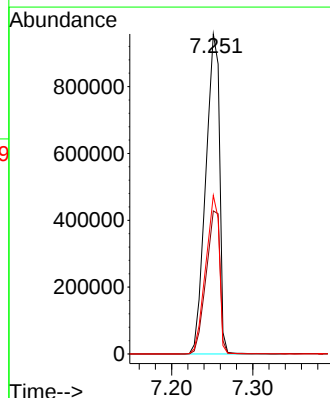
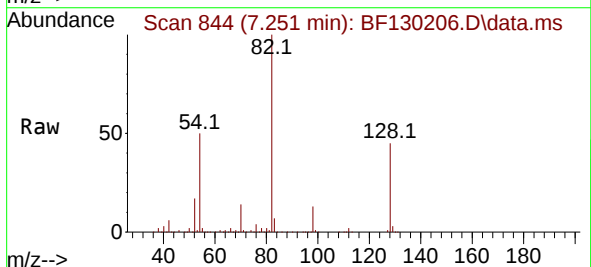
Instrument :
BNA_F
ClientSampleId :
PB147569BL

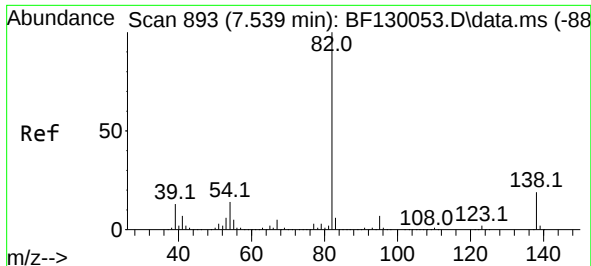
Tgt Ion:136 Resp: 844218
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.5 6.2 9.2
68 5.5 4.2 6.4



#23
Nitrobenzene-d5
Concen: 86.240 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.018 min
Lab File: BF130206.D
Acq: 12 Sep 2022 13:31

Tgt Ion: 82 Resp: 1132868
Ion Ratio Lower Upper
82 100
128 44.7 36.1 54.1
54 49.5 40.0 60.0

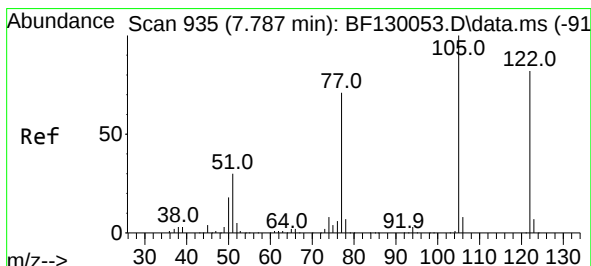
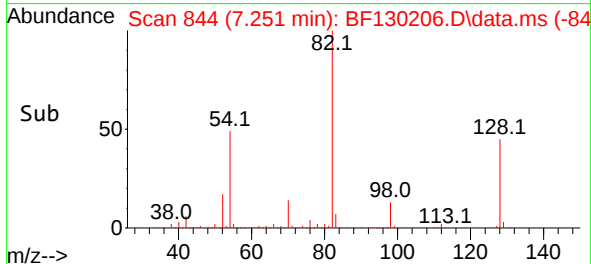
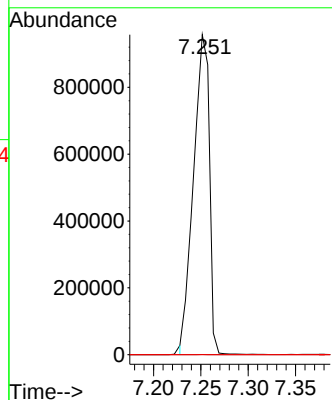
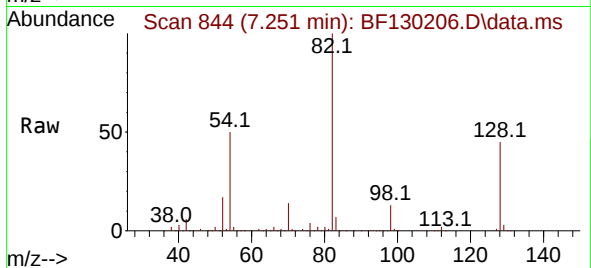




#25
Isophorone
Concen: 42.078 ng
RT: 7.251 min Scan# 84
Delta R.T. -0.276 min
Lab File: BF130206.D
Acq: 12 Sep 2022 13:31

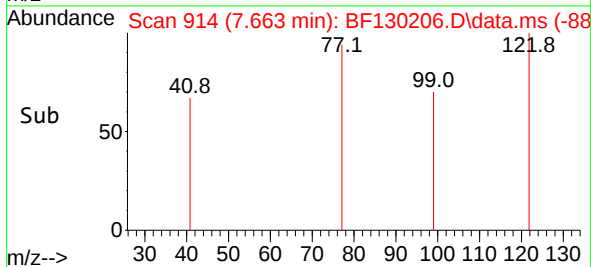
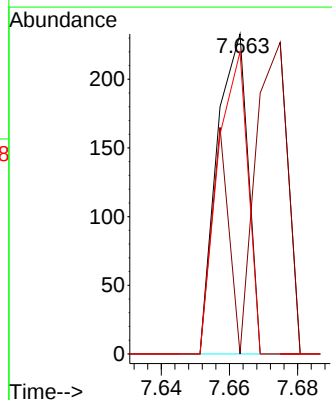
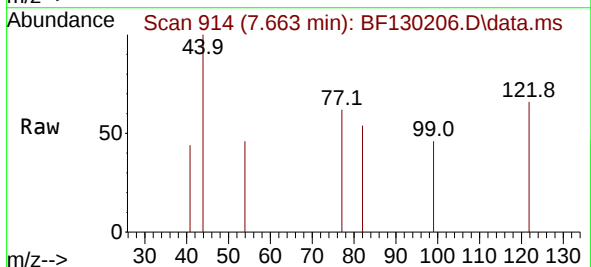
Instrument :
BNA_F
ClientSampleId :
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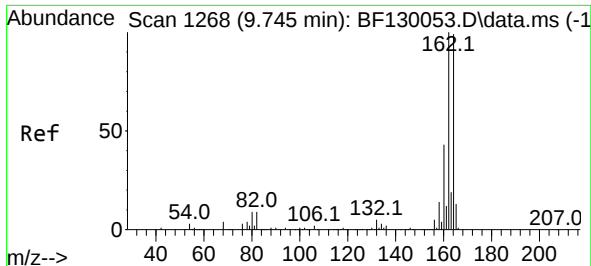
Tgt Ion: 82 Resp: 1118776
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.586 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.106 min
Lab File: BF130206.D
Acq: 12 Sep 2022 13:31

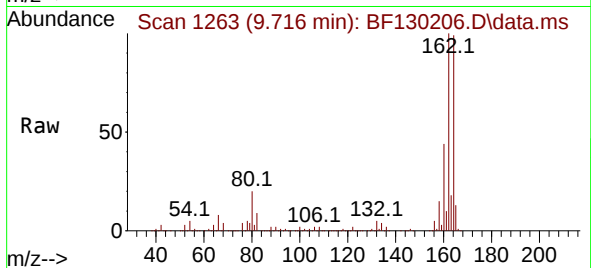
Tgt Ion: 122 Resp: 146
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 94.4 65.9 105.9



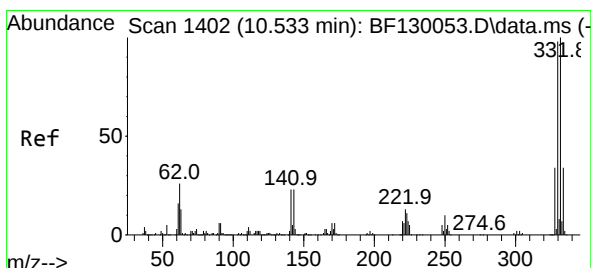
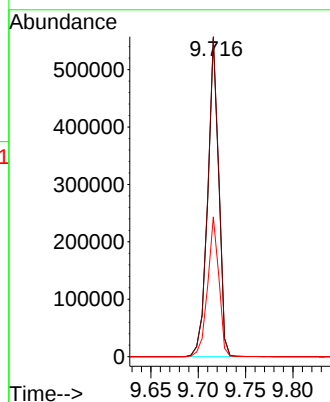
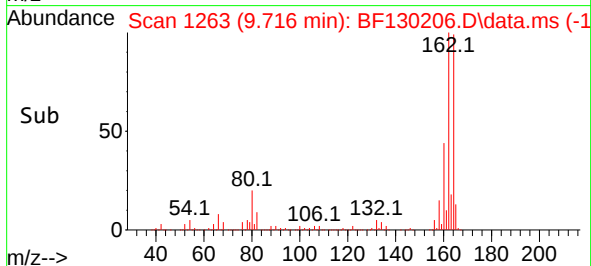


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF130206.D
Acq: 12 Sep 2022 13:31

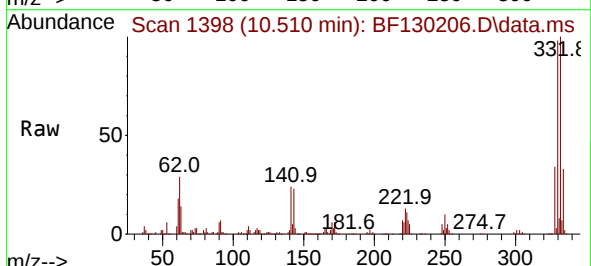
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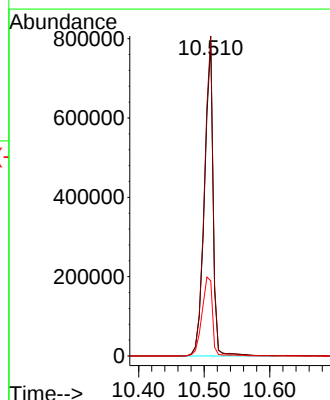
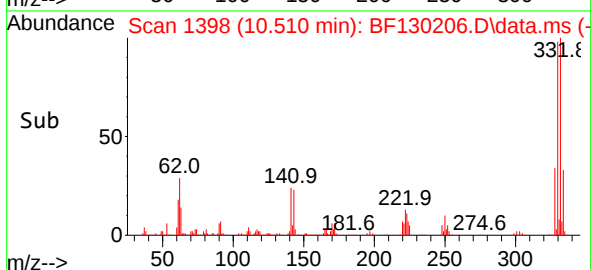
Tgt Ion:164 Resp: 445839
Ion Ratio Lower Upper
164 100
162 100.6 82.0 123.0
160 44.0 35.4 53.0

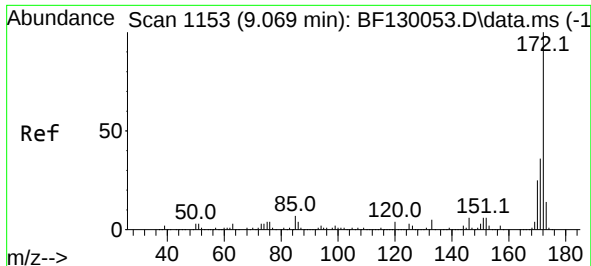


#42
2,4,6-Tribromophenol
Concen: 178.355 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF130206.D
Acq: 12 Sep 2022 13:31



Tgt Ion:330 Resp: 723833
Ion Ratio Lower Upper
330 100
332 103.1 82.6 124.0
141 30.8 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 93.245 ng

RT: 9.045 min Scan# 1149

Delta R.T. -0.012 min

Lab File: BF130206.D

Acq: 12 Sep 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB147569BL

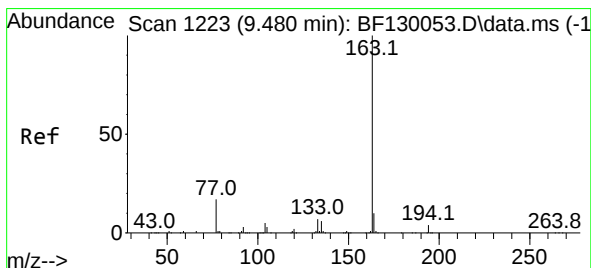
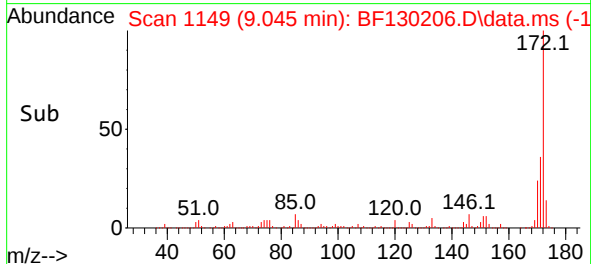
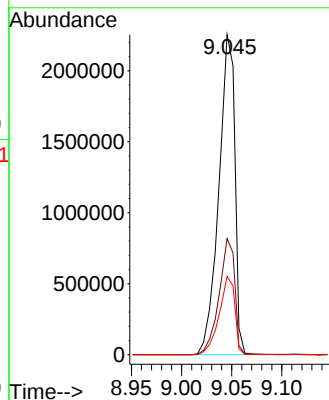
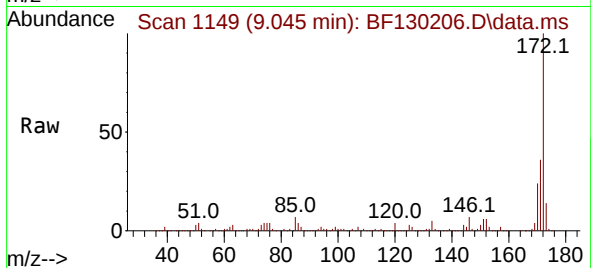
Tgt Ion:172 Resp: 2507446

Ion Ratio Lower Upper

172 100

171 36.3 28.4 42.6

170 24.5 19.1 28.7



#50

Dimethylphthalate

Concen: 2.769 ng

RT: 9.716 min Scan# 1263

Delta R.T. 0.247 min

Lab File: BF130206.D

Acq: 12 Sep 2022 13:31

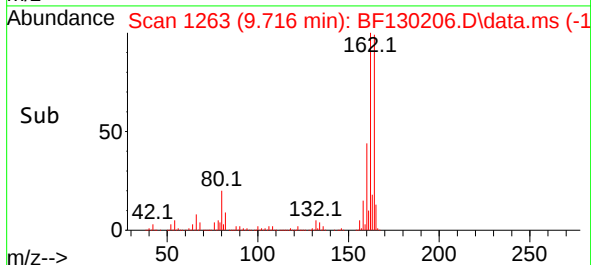
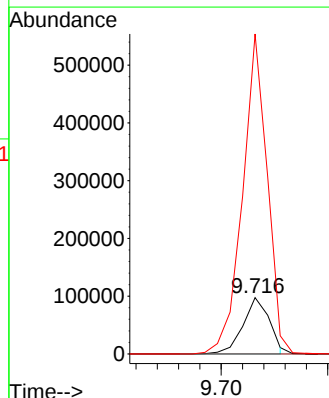
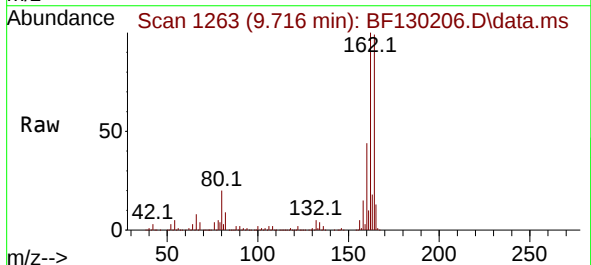
Tgt Ion:163 Resp: 84101

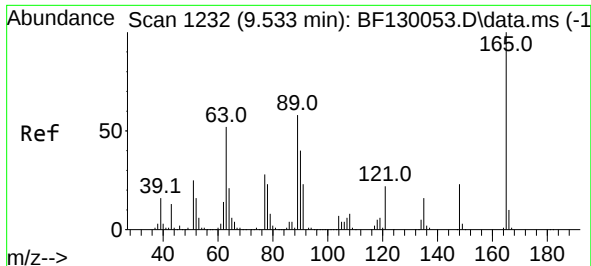
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 567.7 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.634 ng

RT: 9.716 min Scan# 11

Delta R.T. 0.188 min

Lab File: BF130206.D

Acq: 12 Sep 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB147569BL

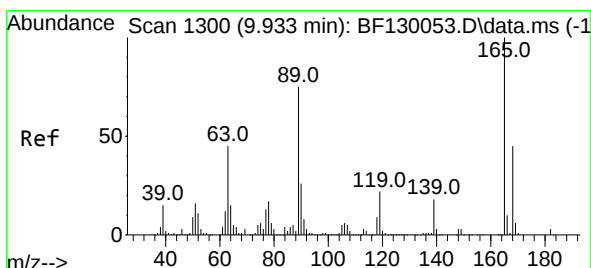
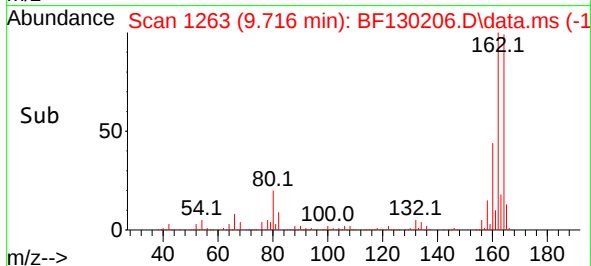
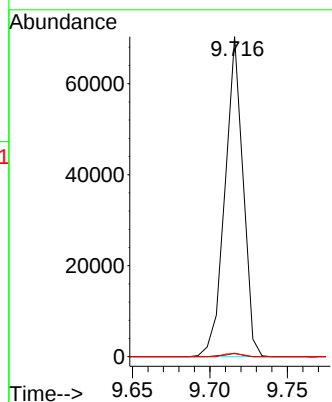
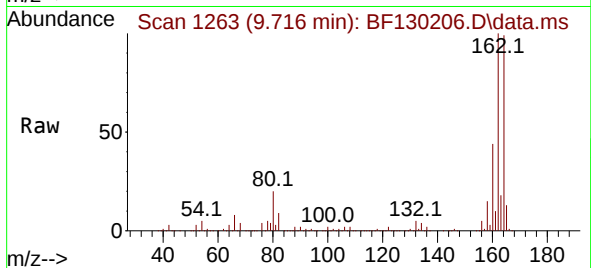
Tgt Ion:165 Resp: 57038

Ion Ratio Lower Upper

165 100

63 1.1 47.8 71.8#

89 1.0 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.368 ng

RT: 9.716 min Scan# 1263

Delta R.T. -0.206 min

Lab File: BF130206.D

Acq: 12 Sep 2022 13:31

Tgt Ion:165 Resp: 57038

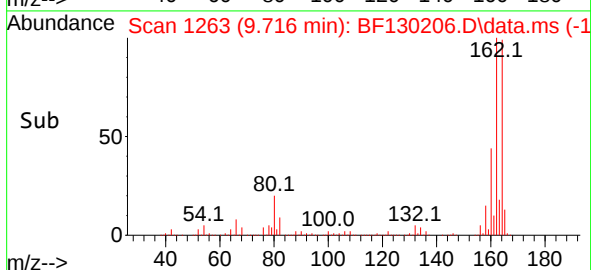
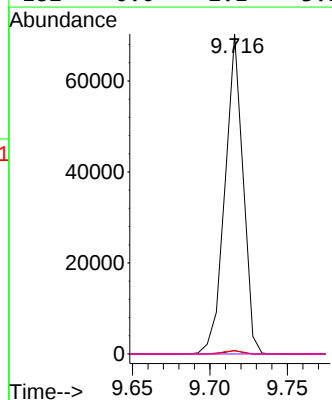
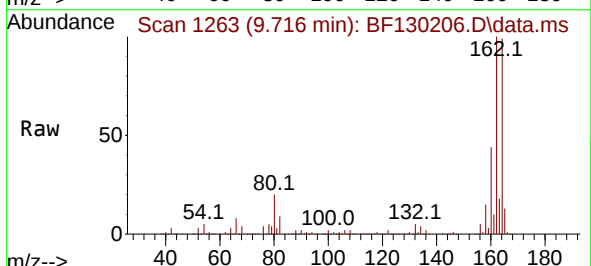
Ion Ratio Lower Upper

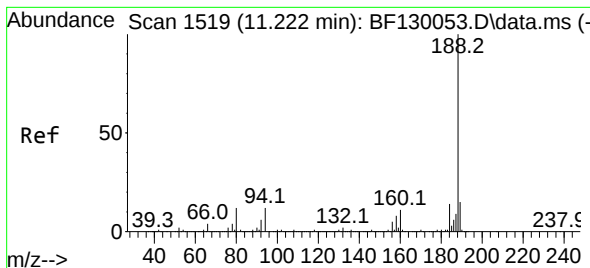
165 100

63 1.1 48.4 72.6#

89 1.0 62.3 93.5#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.198 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF130206.D

Acq: 12 Sep 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB147569BL

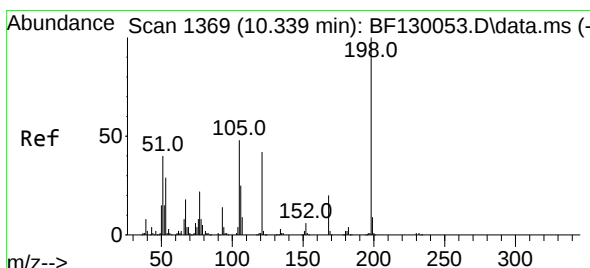
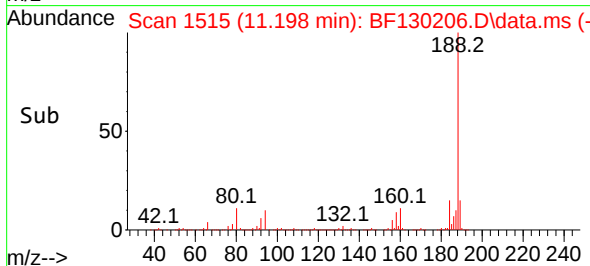
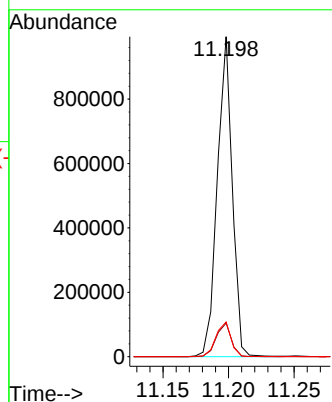
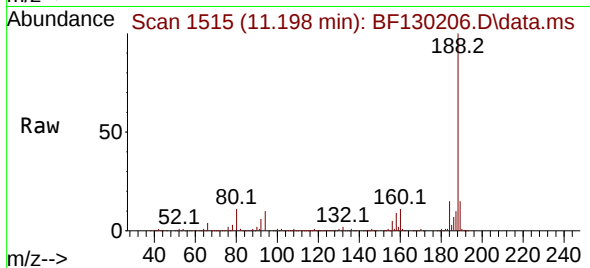
Tgt Ion:188 Resp: 787674

Ion Ratio Lower Upper

188 100

94 10.5 7.4 11.2

80 10.8 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.465 ng

RT: 10.504 min Scan# 1397

Delta R.T. 0.177 min

Lab File: BF130206.D

Acq: 12 Sep 2022 13:31

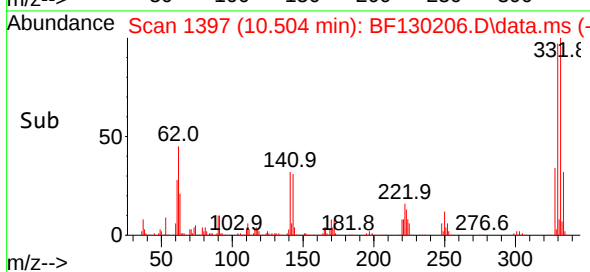
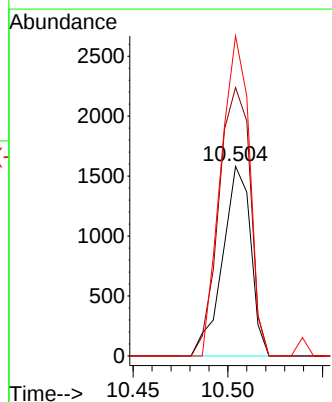
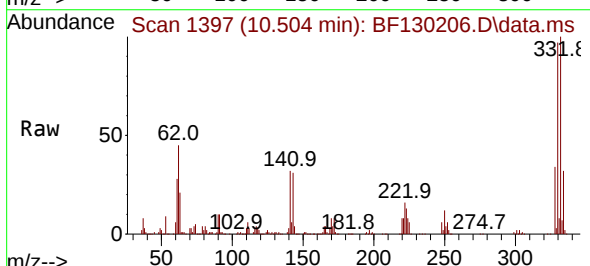
Tgt Ion:198 Resp: 1634

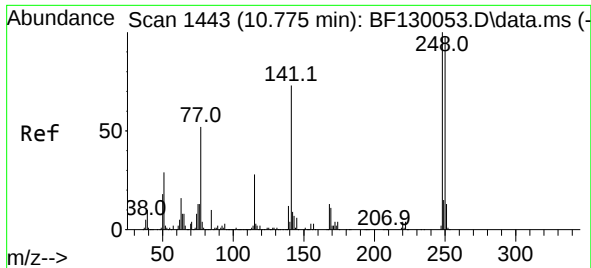
Ion Ratio Lower Upper

198 100

51 141.5 29.4 69.4#

105 168.7 29.2 69.2#

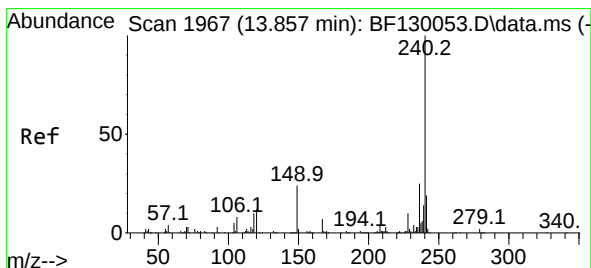
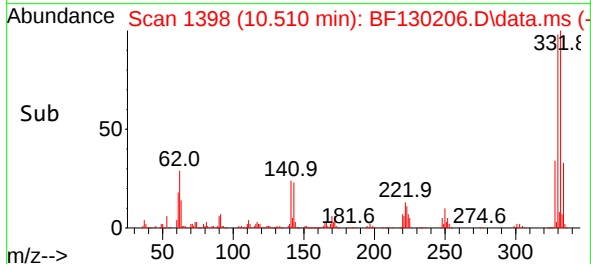
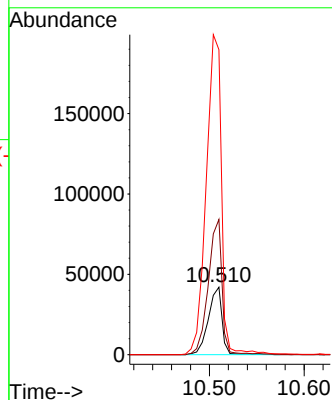
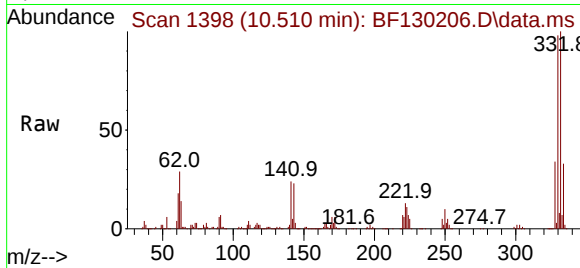




#67
4-Bromophenyl-phenylether
Concen: 4.814 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.253 min
Lab File: BF130206.D
Acq: 12 Sep 2022 13:31

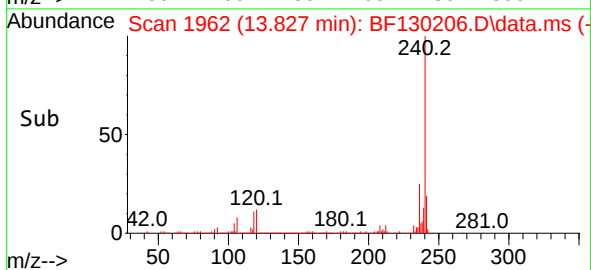
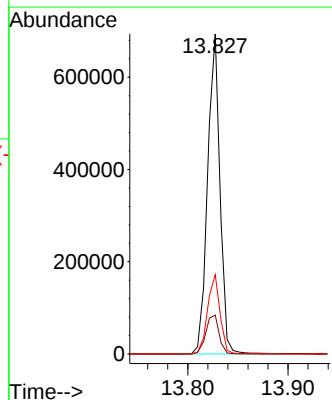
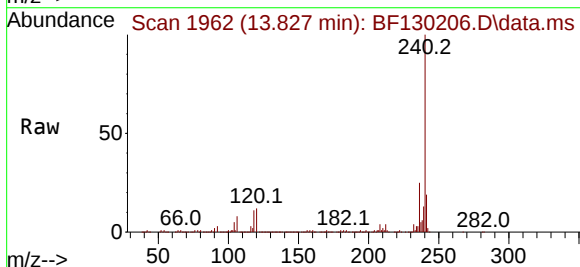
Instrument :
BNA_F
ClientSampleId :
PB147569BL

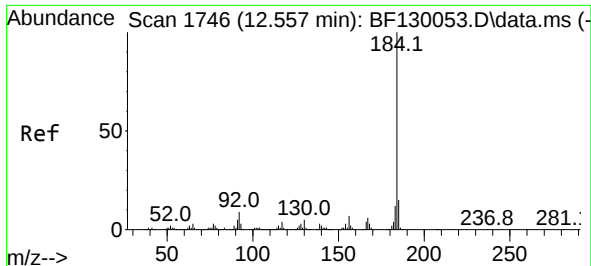
Tgt Ion:248 Resp: 42175
Ion Ratio Lower Upper
248 100
250 200.2 77.8 116.6#
141 451.7 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.827 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BF130206.D
Acq: 12 Sep 2022 13:31

Tgt Ion:240 Resp: 598093
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 24.8 20.7 31.1

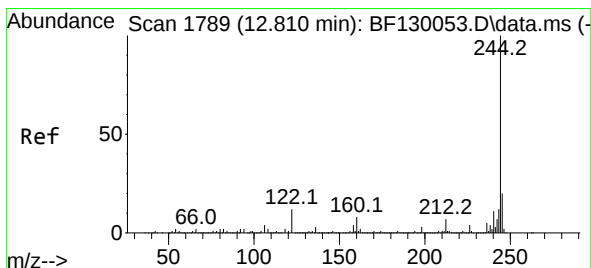
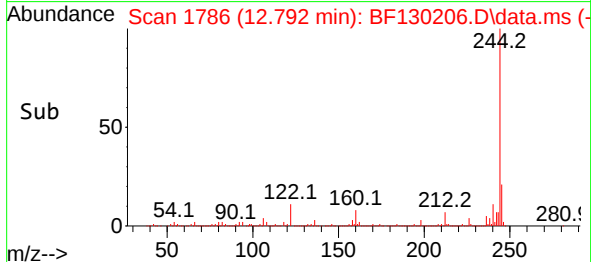
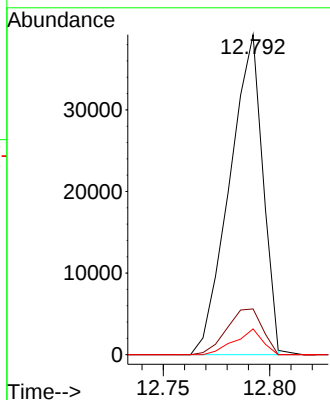
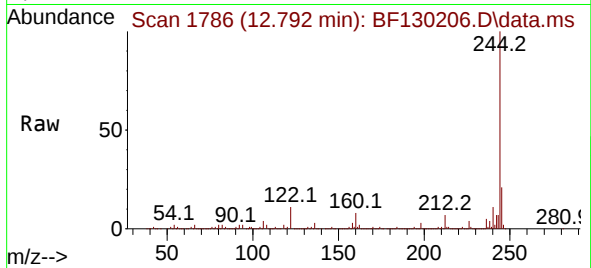




#77
Benzidine
Concen: 2.639 ng
RT: 12.792 min Scan# 1786
Delta R.T. 0.247 min
Lab File: BF130206.D
Acq: 12 Sep 2022 13:31

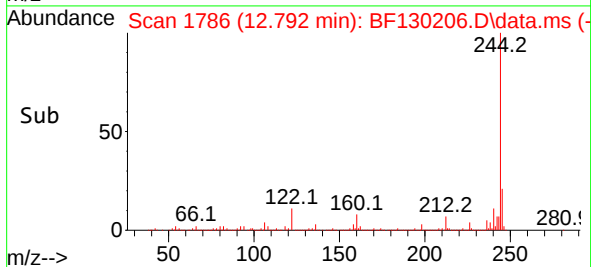
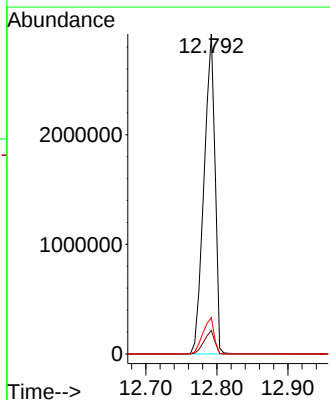
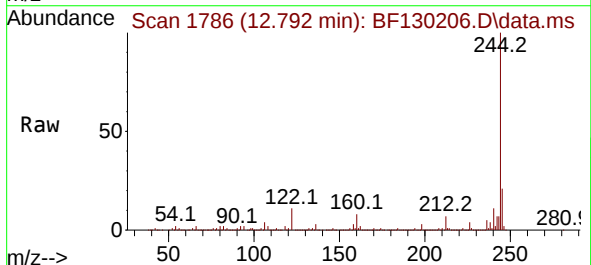
Instrument :
BNA_F
ClientSampleId :
PB147569BL

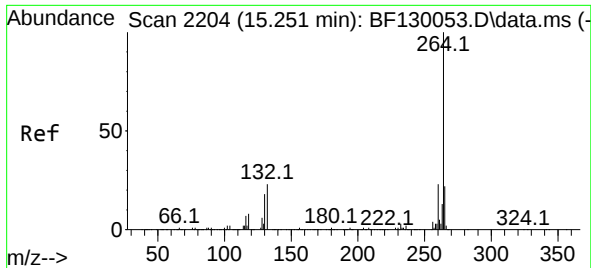
Tgt Ion:184 Resp: 42618
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 8.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 91.504 ng
RT: 12.792 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF130206.D
Acq: 12 Sep 2022 13:31

Tgt Ion:244 Resp: 3155959
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 11.4 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.221 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF130206.D
 Acq: 12 Sep 2022 13:31

Instrument :
 BNA_F
 ClientSampleId :
 PB147569BL

Tgt Ion:264 Resp: 466878
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.3 16.7 25.1

