

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
 Data File : BF130214.D
 Acq On : 12 Sep 2022 20:08
 Operator : CG\JU
 Sample : N4549-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP090822

Quant Time: Sep 13 14:27:46 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)

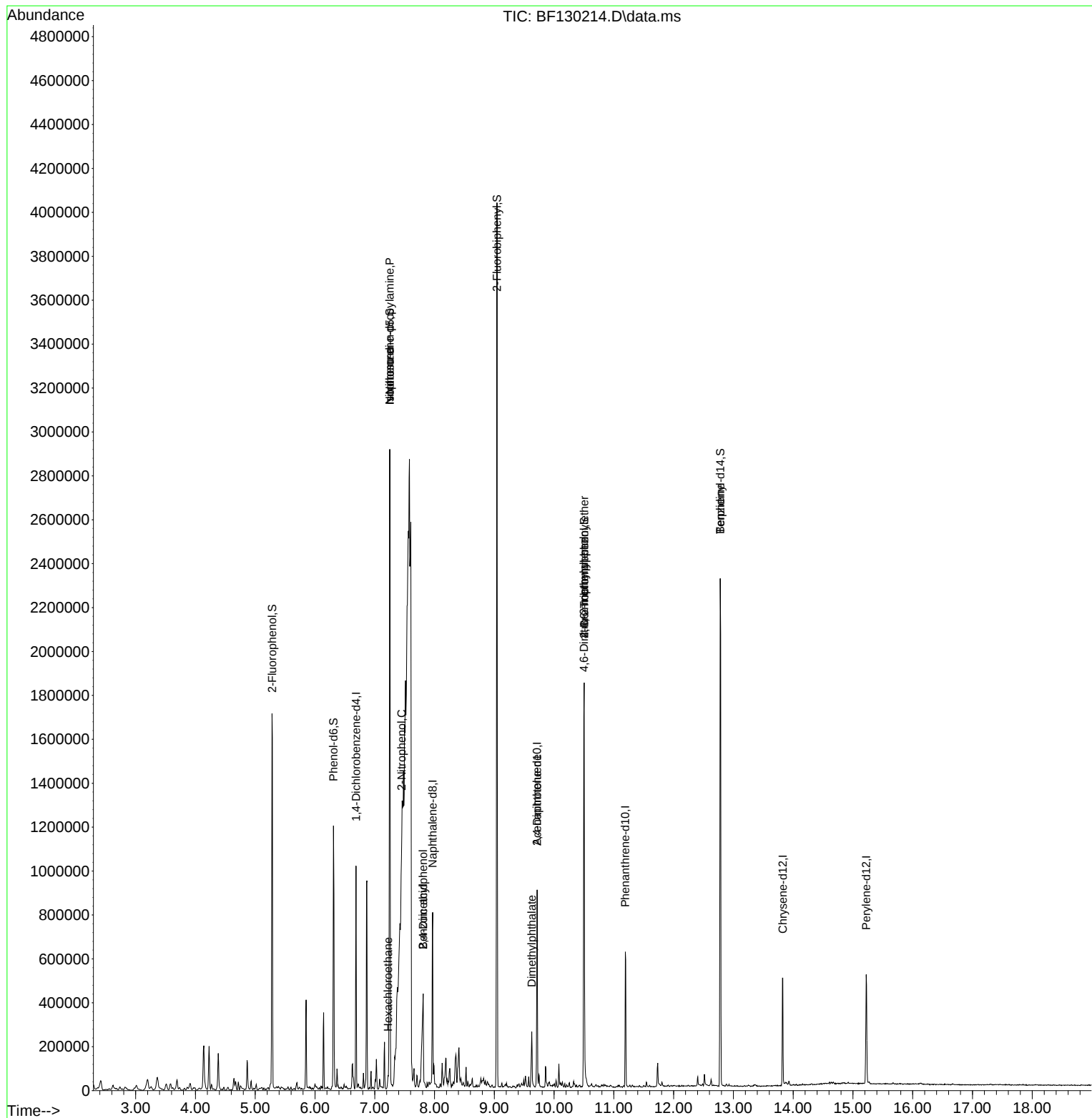
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.687	152	126018	20.000	ng	-0.01
21) Naphthalene-d8	7.969	136	337442	20.000	ng	-0.01
39) Acenaphthene-d10	9.716	164	157466	20.000	ng	-0.02
64) Phenanthrene-d10	11.192	188	221601	20.000	ng	-0.02
76) Chrysene-d12	13.827	240	164290	20.000	ng	-0.02
86) Perylene-d12	15.221	264	204132	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	464073	62.518	ng	-0.01
7) Phenol-d6	6.310	99	370657	40.052	ng	-0.02
23) Nitrobenzene-d5	7.251	82	802470	152.831	ng	-0.02
42) 2,4,6-Tribromophenol	10.504	330	220945	154.143	ng	-0.02
45) 2-Fluorobiphenyl	9.045	172	1054900	111.070	ng	-0.01
79) Terphenyl-d14	12.780	244	763947	80.637	ng	-0.02
Target Compounds						Qvalue
18) Hexachloroethane	7.222	117	10260	3.123	ng	# 29
19) n-Nitroso-di-n-propyla...	7.251	70	108365	19.437	ng	# 78
25) Isophorone	7.251	82	796298	74.929	ng	# 65
26) 2-Nitrophenol	7.451	139	71	3.525	ng	# 1
27) 2,4-Dimethylphenol	7.810	122	132302	29.669	ng	# 4
32) Benzoic acid	7.810	122	132302	37.934	ng	# 88
50) Dimethylphthalate	9.628	163	83302	7.767	ng	# 94
57) 2,4-Dinitrotoluene	9.716	165	21037	8.738	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.498	198	552	6.542	ng	# 1
67) 4-Bromophenyl-phenylether	10.504	248	14205	5.763	ng	# 1
77) Benzidine	12.780	184	12282	2.769	ng	# 93

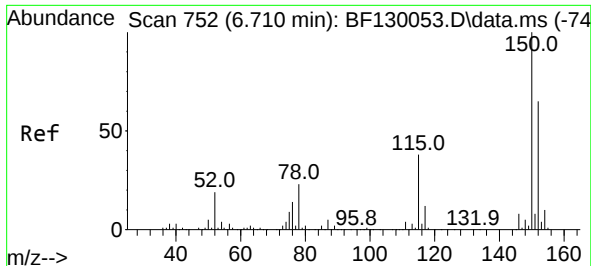
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
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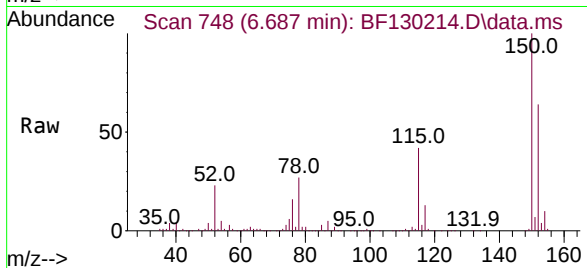
Quant Time: Sep 13 14:27:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
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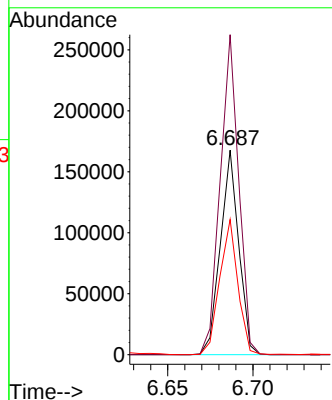
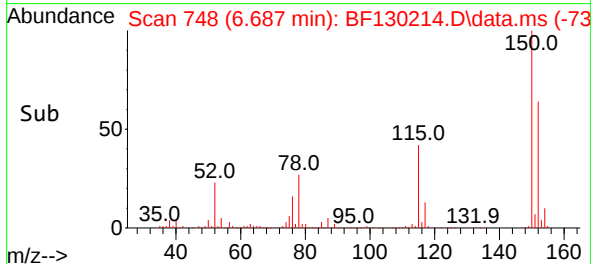


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.687 min Scan# 74
Delta R.T. -0.011 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

Instrument :
BNA_F
ClientSampleId :
DUP090822

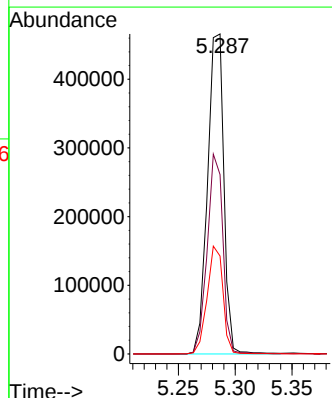
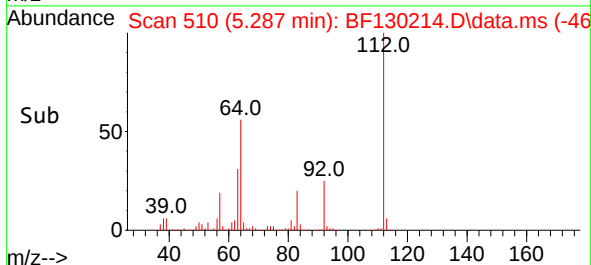
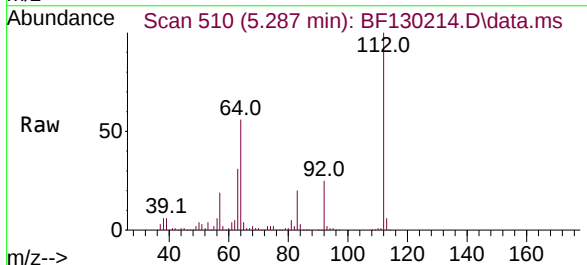


Tgt Ion:152 Resp: 126018
Ion Ratio Lower Upper
152 100
150 156.5 126.9 190.3
115 66.1 53.4 80.0



#5
2-Fluorophenol
Concen: 62.518 ng
RT: 5.287 min Scan# 510
Delta R.T. -0.012 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

Tgt Ion:112 Resp: 464073
Ion Ratio Lower Upper
112 100
64 56.1 47.6 71.4
63 30.6 24.6 37.0

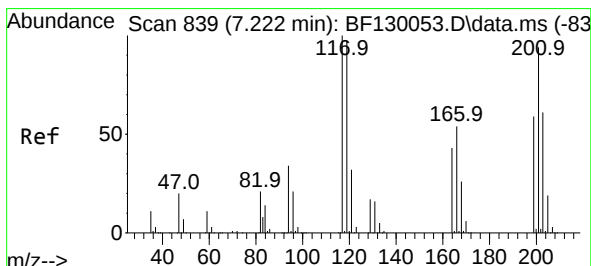
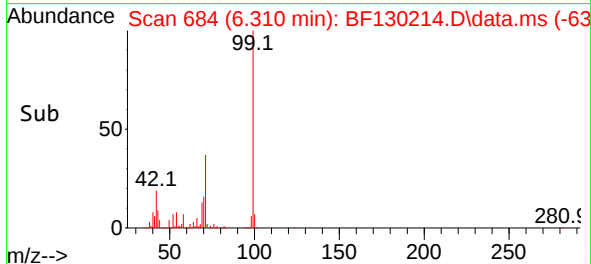
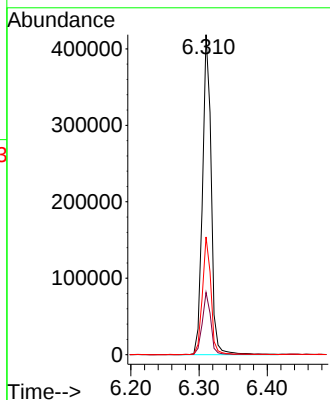
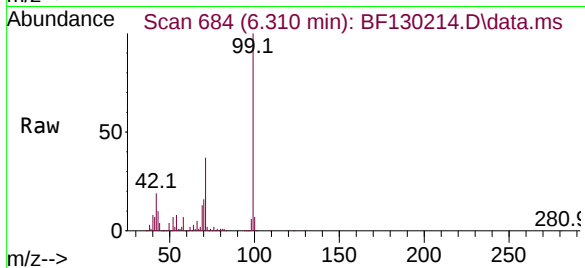




#7
Phenol-d6
Concen: 40.052 ng
RT: 6.310 min Scan# 61
Delta R.T. -0.024 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

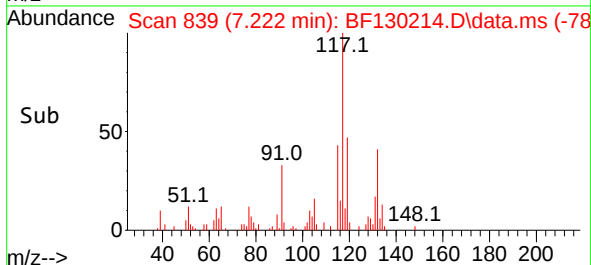
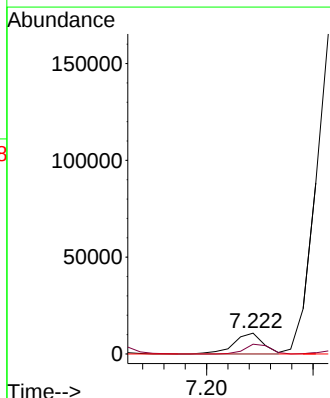
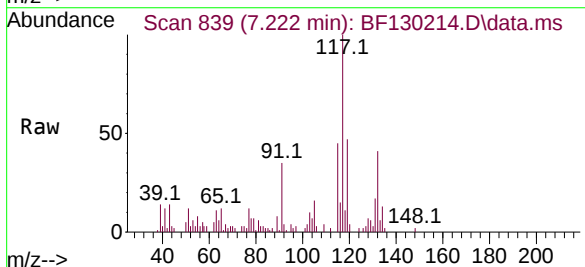
Instrument :
BNA_F
ClientSampleId :
DUP090822

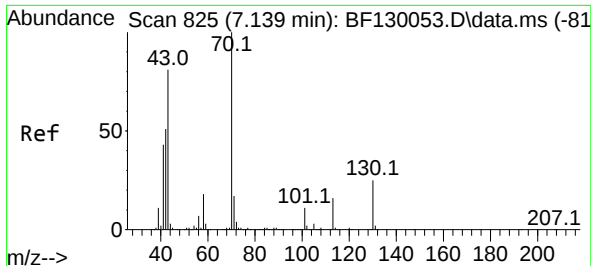
Tgt Ion: 99 Resp: 370657
Ion Ratio Lower Upper
99 100
42 19.4 15.0 22.4
71 36.8 28.8 43.2



#18
Hexachloroethane
Concen: 3.123 ng
RT: 7.222 min Scan# 839
Delta R.T. 0.012 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

Tgt Ion: 117 Resp: 10260
Ion Ratio Lower Upper
117 100
119 46.9 79.1 118.7#
201 0.0 66.6 100.0#

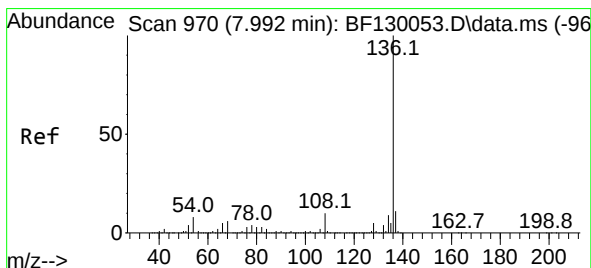
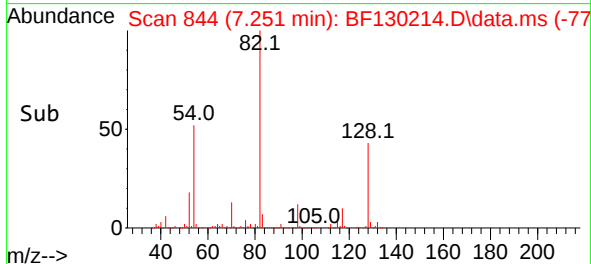
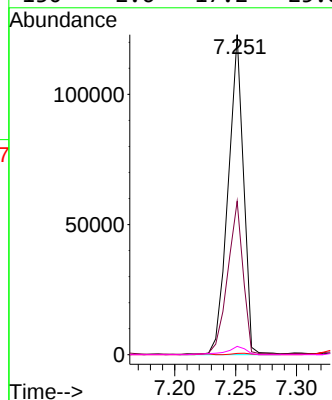
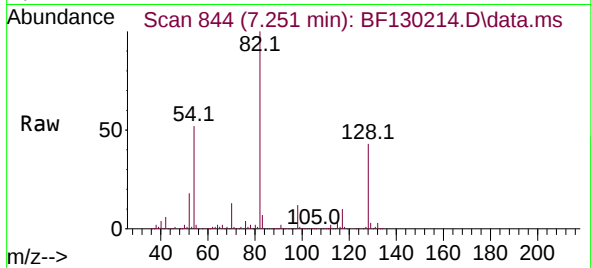




#19
n-Nitroso-di-n-propylamine
Concen: 19.437 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.123 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

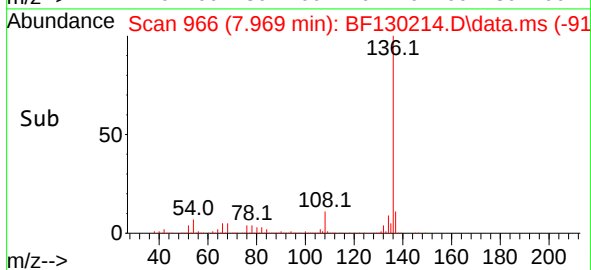
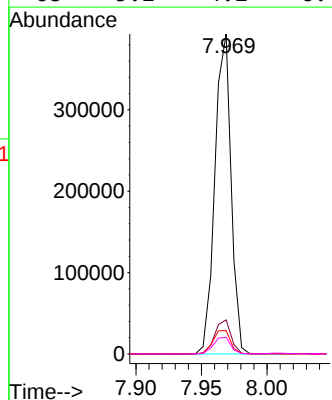
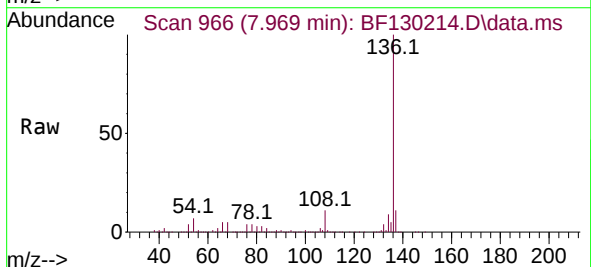
Instrument :
BNA_F
ClientSampleId :
DUP090822

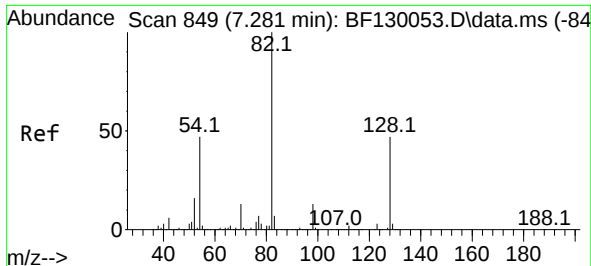
Tgt Ion: 70 Resp: 108365
Ion Ratio Lower Upper
70 100
42 48.0 47.6 71.4
101 0.4 8.1 12.1#
130 2.6 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.969 min Scan# 966
Delta R.T. -0.012 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

Tgt Ion:136 Resp: 337442
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.3 6.2 9.2
68 5.2 4.2 6.4

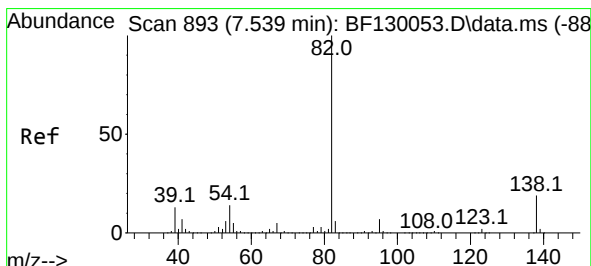
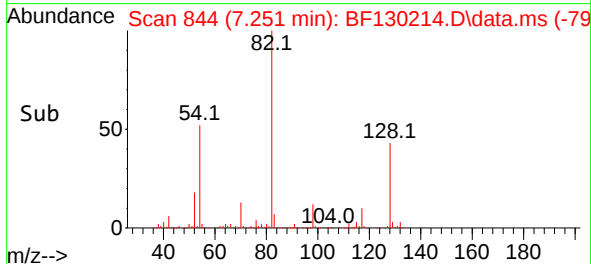
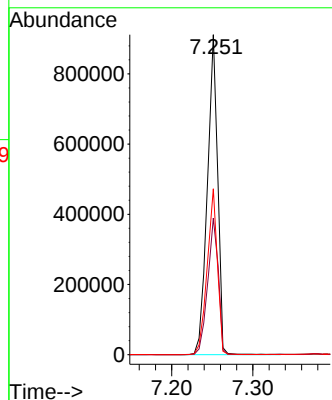
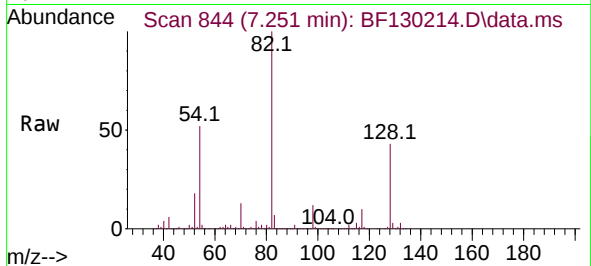




#23
Nitrobenzene-d5
Concen: 152.831 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.018 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

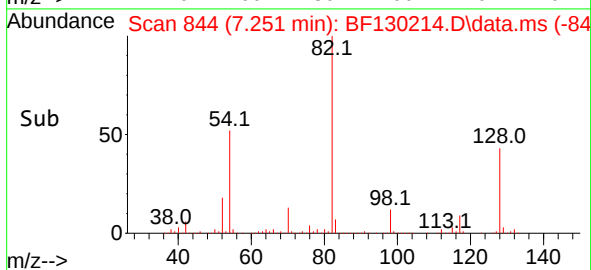
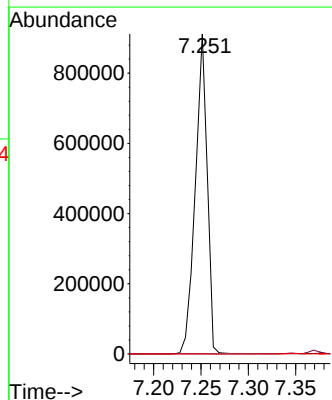
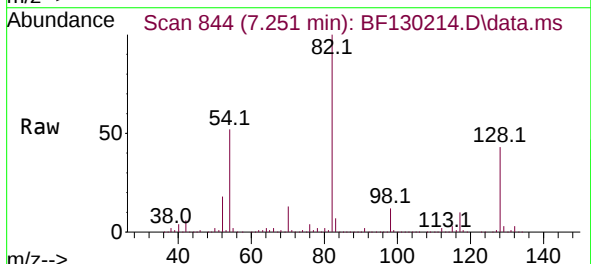
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ClientSampleId :
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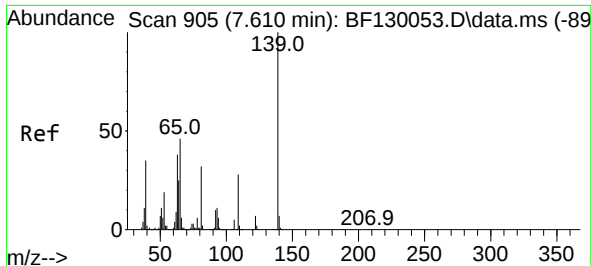
Tgt Ion: 82 Resp: 802470
Ion Ratio Lower Upper
82 100
128 42.7 36.1 54.1
54 51.9 40.0 60.0



#25
Isophorone
Concen: 74.929 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.277 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

Tgt Ion: 82 Resp: 796298
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

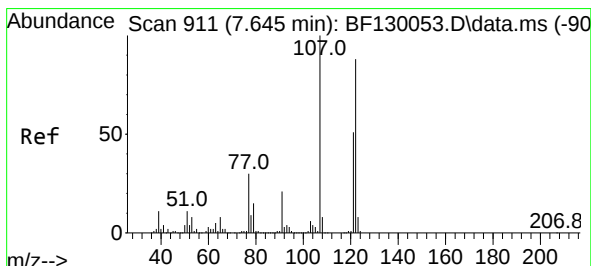
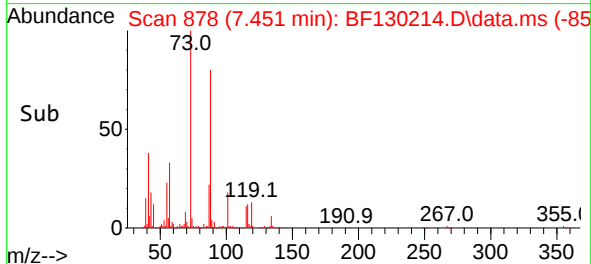
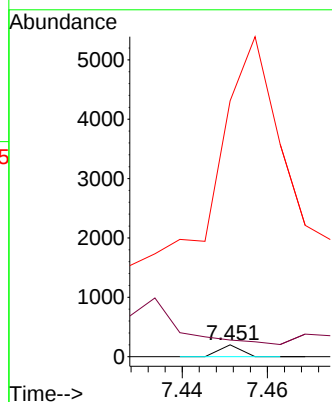
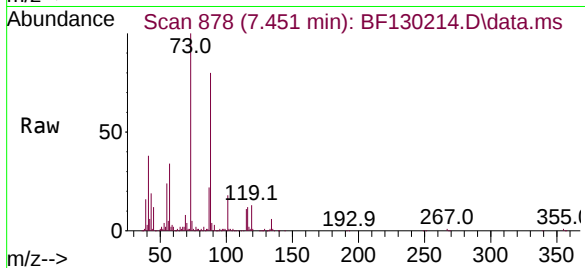




#26
2-Nitrophenol
Concen: 3.525 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.147 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

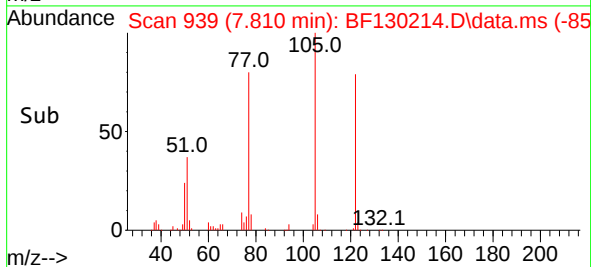
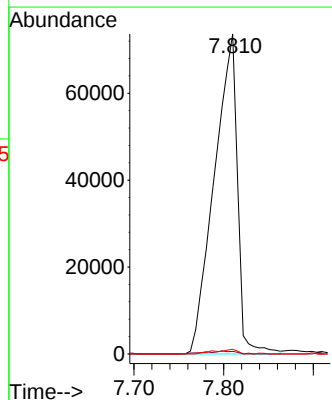
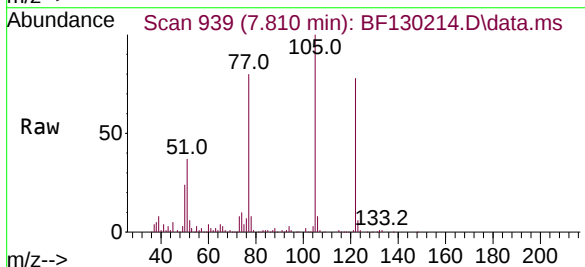
Instrument :
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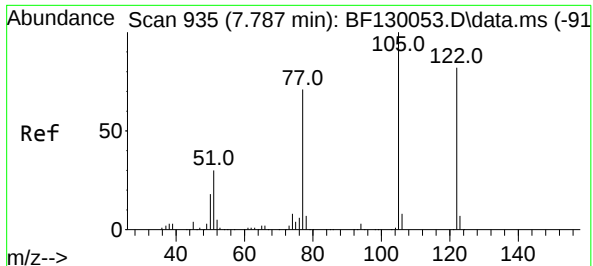
Tgt Ion:139 Resp: 71
Ion Ratio Lower Upper
139 100
109 139.5 24.4 36.6#
65 2155.0 40.9 61.3#



#27
2,4-Dimethylphenol
Concen: 29.669 ng
RT: 7.810 min Scan# 939
Delta R.T. 0.171 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

Tgt Ion:122 Resp: 132302
Ion Ratio Lower Upper
122 100
107 0.8 92.2 138.4#
121 1.5 46.1 69.1#

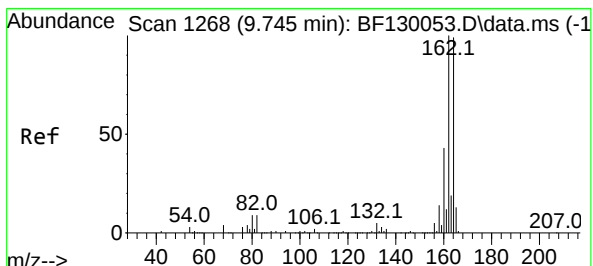
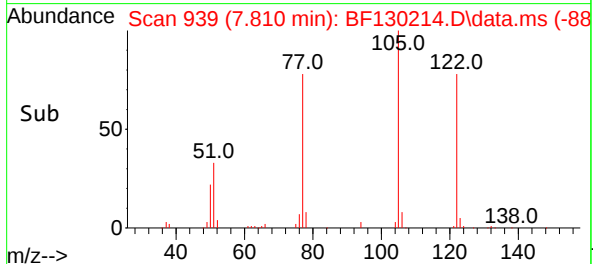
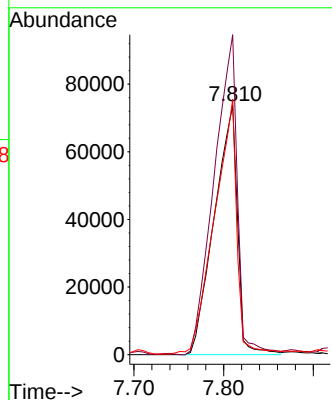
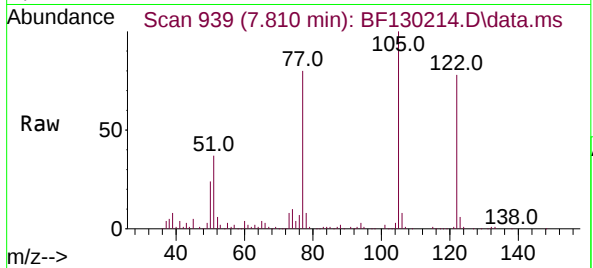




#32
Benzoic acid
Concen: 37.934 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.041 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

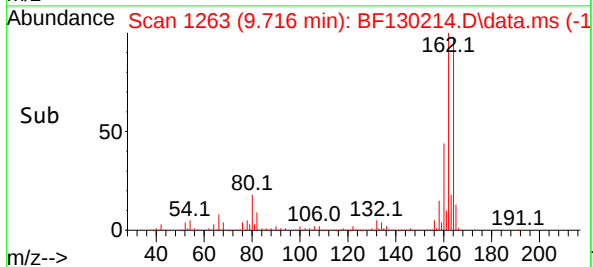
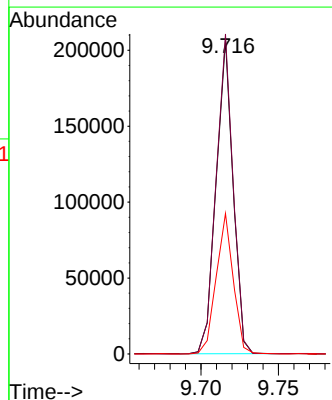
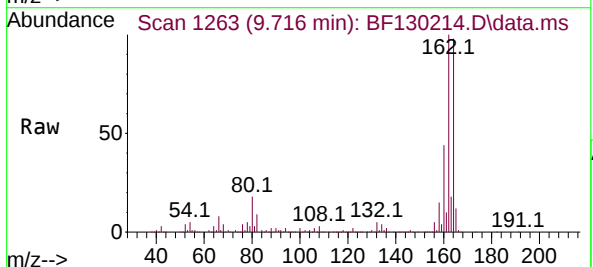
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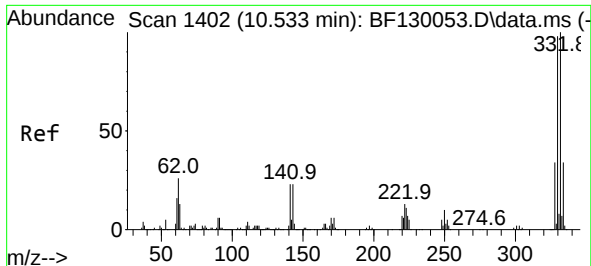
Tgt Ion:122 Resp: 132302
Ion Ratio Lower Upper
122 100
105 128.5 99.9 139.9
77 102.6 65.9 105.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.716 min Scan# 1263
Delta R.T. -0.018 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

Tgt Ion:164 Resp: 157466
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 44.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 154.143 ng

RT: 10.504 min Scan# 1149

Delta R.T. -0.018 min

Lab File: BF130214.D

Acq: 12 Sep 2022 20:08

Instrument :

BNA_F

ClientSampleId :

DUP090822

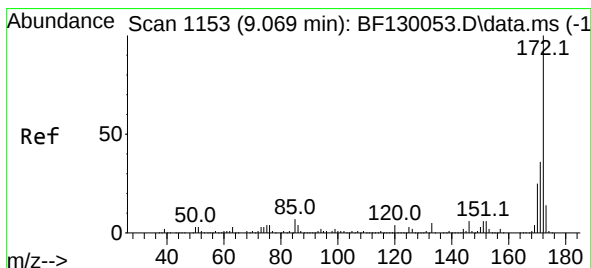
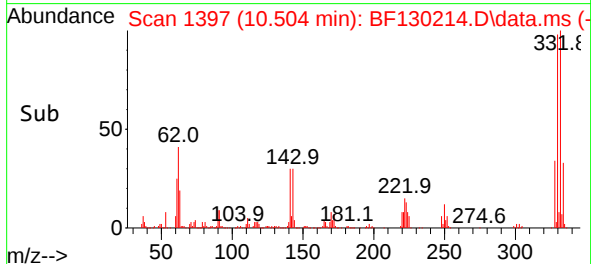
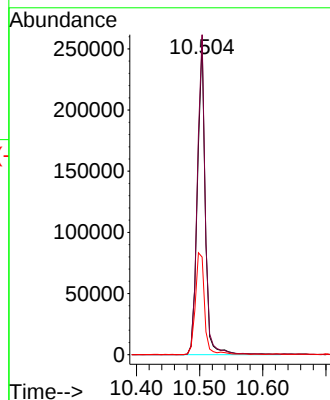
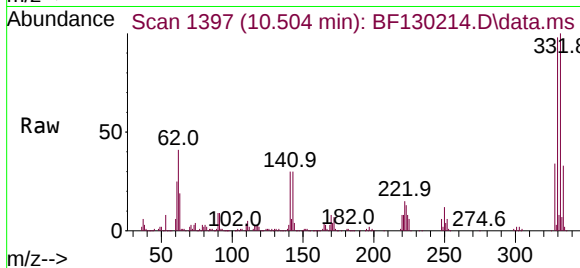
Tgt Ion:330 Resp: 220945

Ion Ratio Lower Upper

330 100

332 102.4 82.6 124.0

141 38.8 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 111.070 ng

RT: 9.045 min Scan# 1149

Delta R.T. -0.012 min

Lab File: BF130214.D

Acq: 12 Sep 2022 20:08

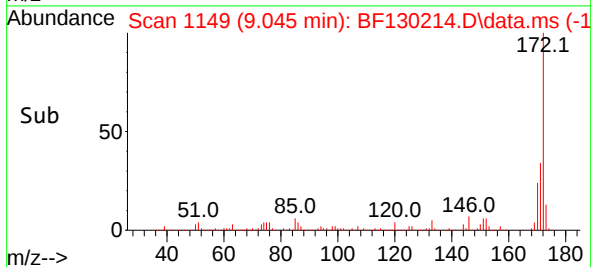
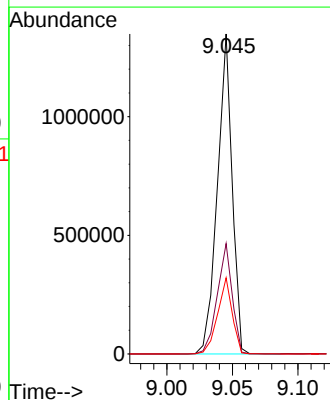
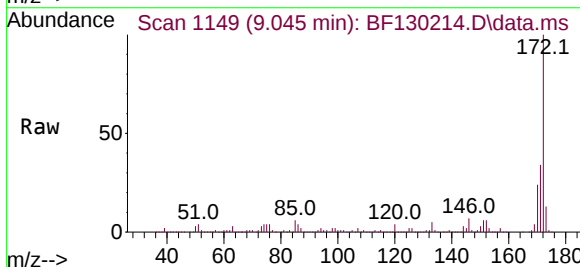
Tgt Ion:172 Resp: 1054900

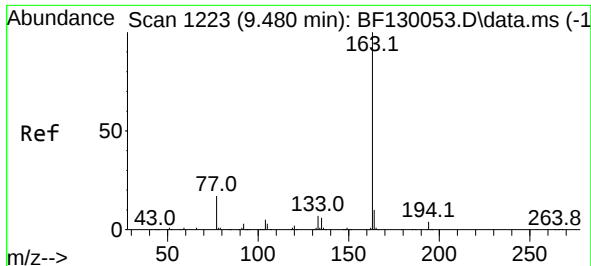
Ion Ratio Lower Upper

172 100

171 34.5 28.4 42.6

170 23.8 19.1 28.7

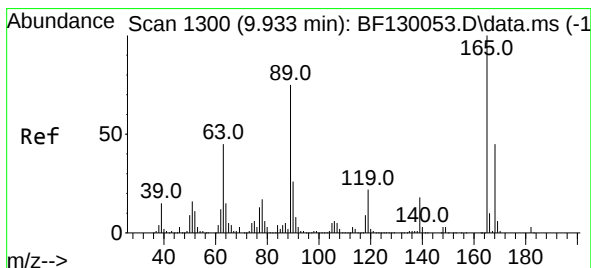
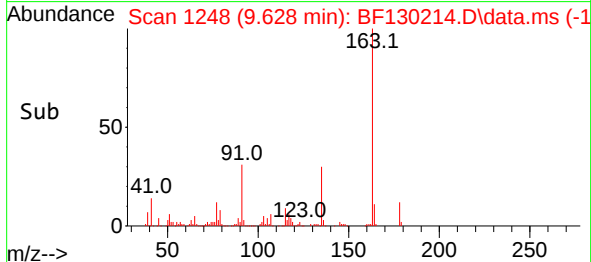
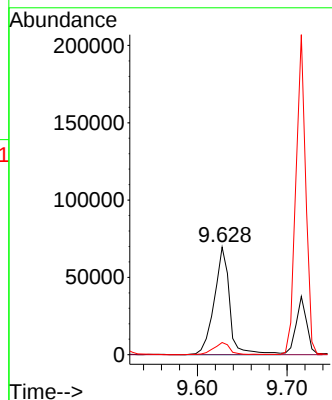
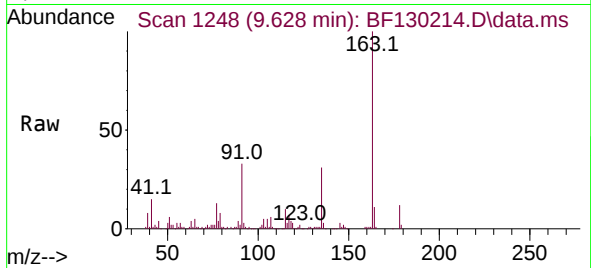




#50
Dimethylphthalate
Concen: 7.767 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.159 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

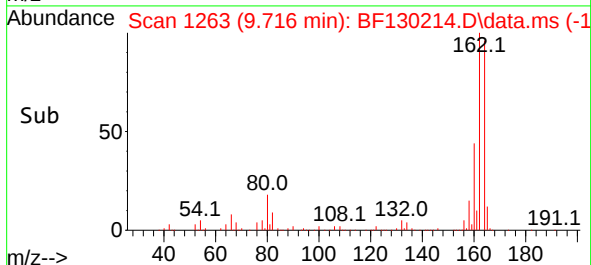
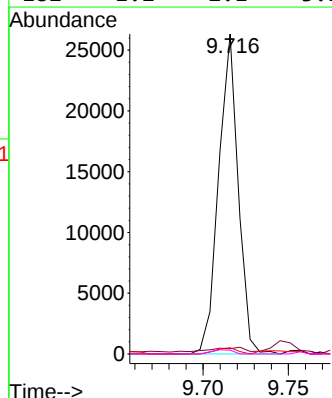
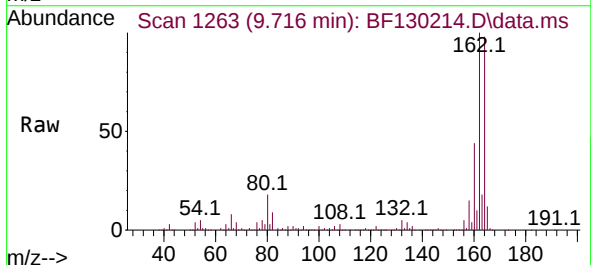
Instrument :
BNA_F
ClientSampleId :
DUP090822

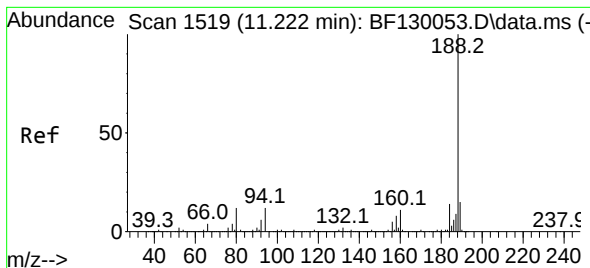
Tgt Ion:163 Resp: 83302
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 11.3 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 8.738 ng
RT: 9.716 min Scan# 1263
Delta R.T. -0.206 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

Tgt Ion:165 Resp: 21037
Ion Ratio Lower Upper
165 100
63 1.6 48.4 72.6#
89 2.0 62.3 93.5#
182 1.2 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.192 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF130214.D

Acq: 12 Sep 2022 20:08

Instrument :

BNA_F

ClientSampleId :

DUP090822

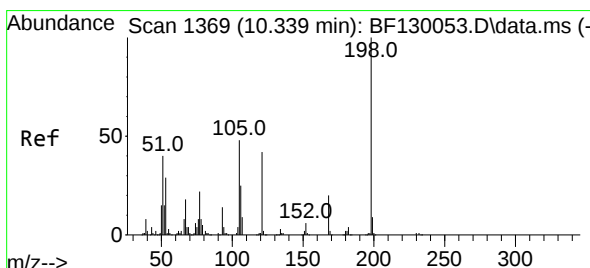
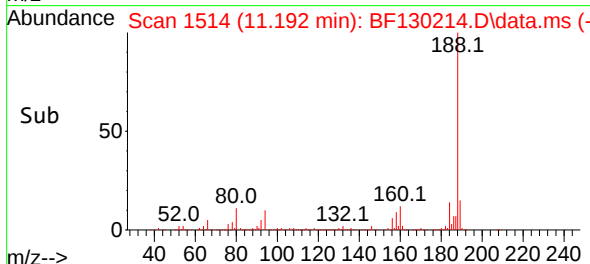
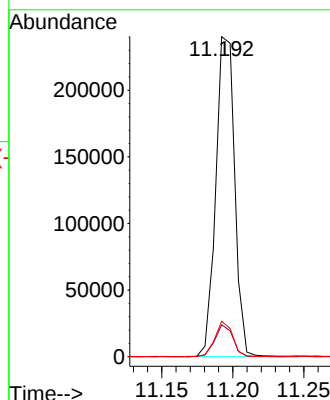
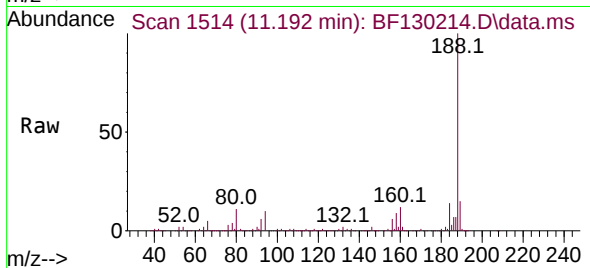
Tgt Ion:188 Resp: 221601

Ion Ratio Lower Upper

188 100

94 10.0 7.4 11.2

80 11.1 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.542 ng

RT: 10.498 min Scan# 1396

Delta R.T. 0.171 min

Lab File: BF130214.D

Acq: 12 Sep 2022 20:08

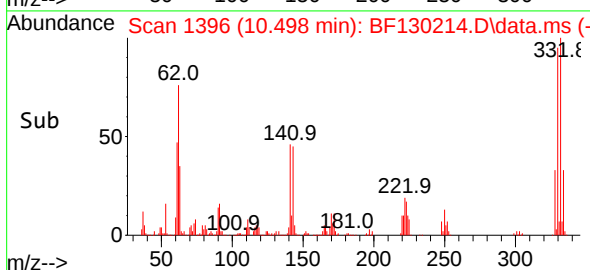
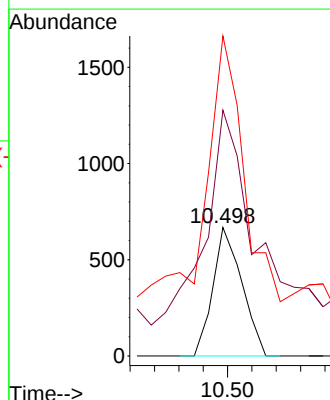
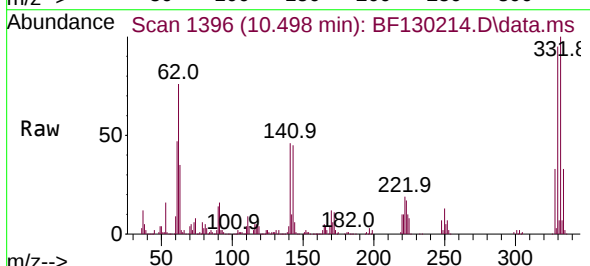
Tgt Ion:198 Resp: 552

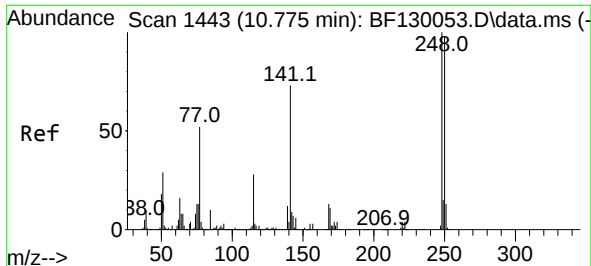
Ion Ratio Lower Upper

198 100

51 191.2 29.4 69.4#

105 249.0 29.2 69.2#

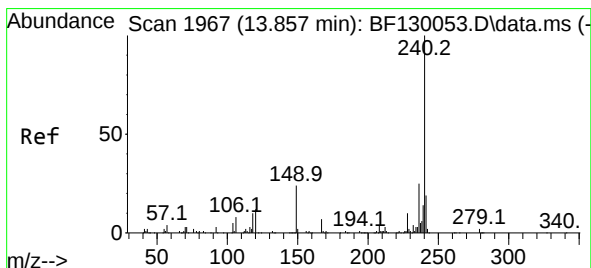
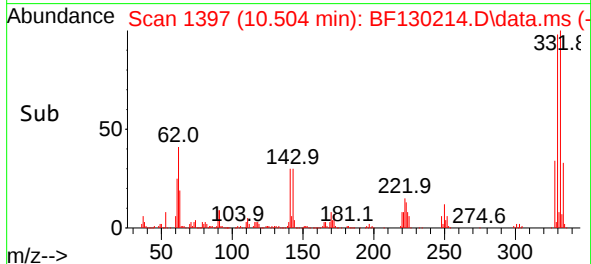
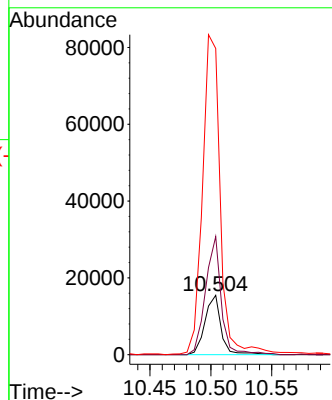
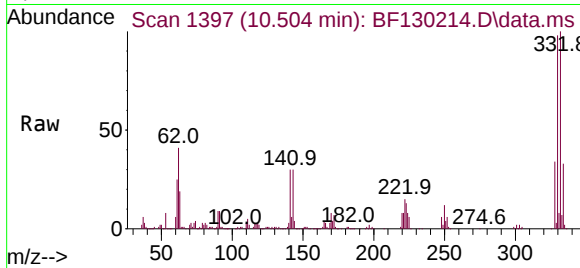




#67
4-Bromophenyl-phenylether
Concen: 5.763 ng
RT: 10.504 min Scan# 11
Delta R.T. -0.259 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

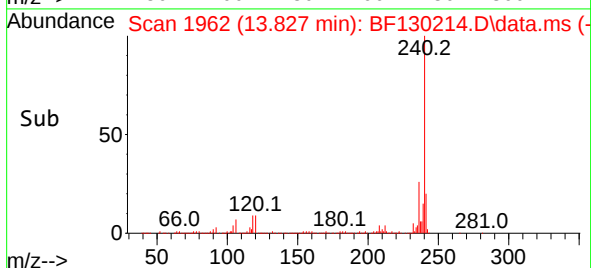
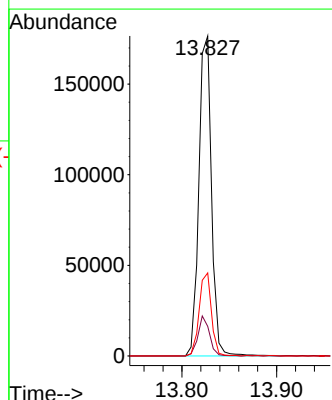
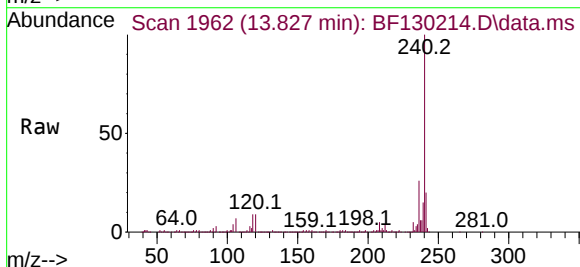
Instrument :
BNA_F
ClientSampleId :
DUP090822

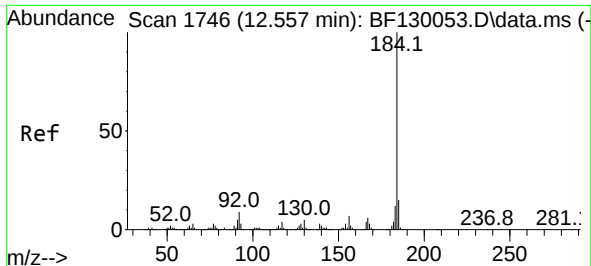
Tgt Ion:248 Resp: 14205
Ion Ratio Lower Upper
248 100
250 199.0 77.8 116.6#
141 516.0 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.827 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

Tgt Ion:240 Resp: 164290
Ion Ratio Lower Upper
240 100
120 9.2 9.2 13.8
236 26.0 20.7 31.1

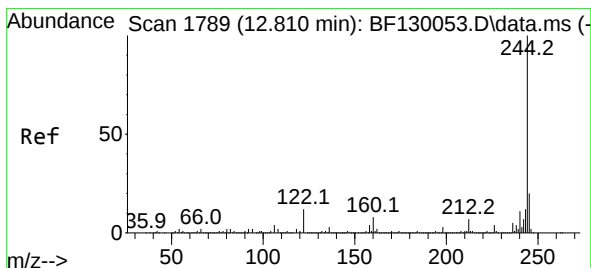
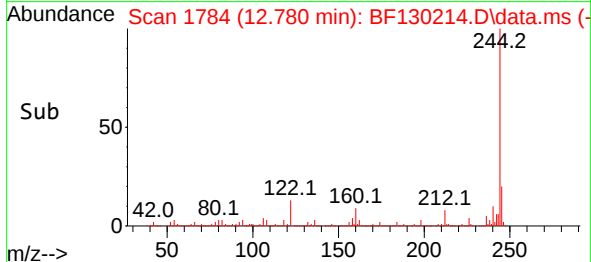
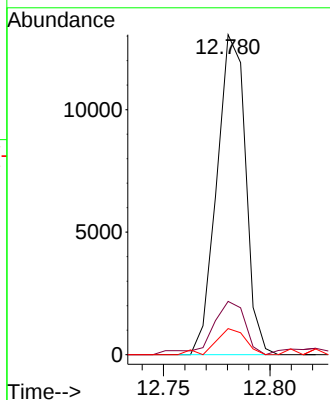
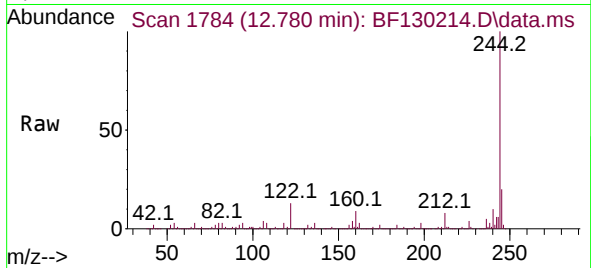




#77
Benzidine
Concen: 2.769 ng
RT: 12.780 min Scan# 1784
Delta R.T. 0.235 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

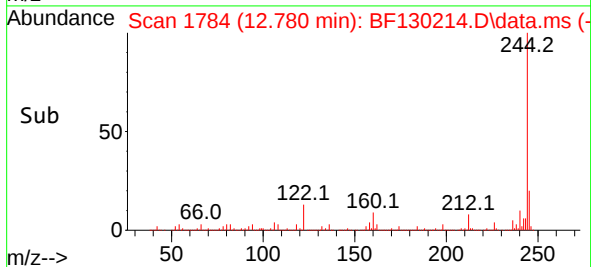
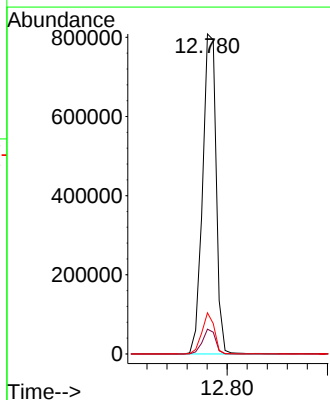
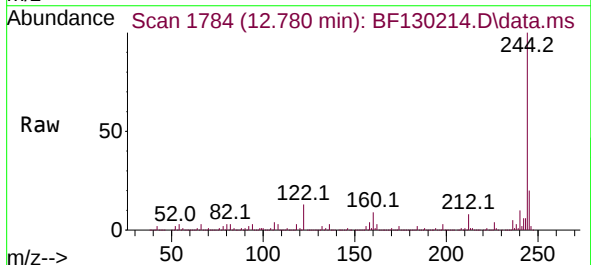
Instrument :
BNA_F
ClientSampleId :
DUP090822

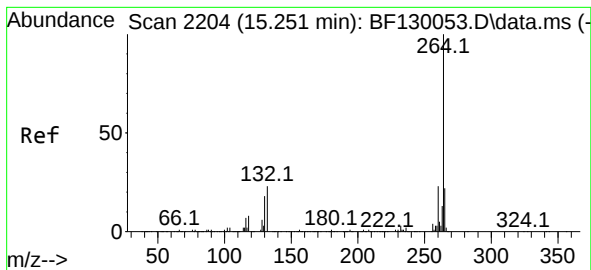
Tgt Ion:184 Resp: 12282
Ion Ratio Lower Upper
184 100
185 16.6 11.4 17.2
183 8.1 9.4 14.2#



#79
Terphenyl-d14
Concen: 80.637 ng
RT: 12.780 min Scan# 1784
Delta R.T. -0.018 min
Lab File: BF130214.D
Acq: 12 Sep 2022 20:08

Tgt Ion:244 Resp: 763947
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 12.9 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: BF130214.D
Acq: 12 Sep 2022 20:08

Instrument :
BNA_F
ClientSampleId :
DUP090822

Tgt Ion:264 Resp: 204132
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 22.0 16.7 25.1

