

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
 Data File : BF130210.D
 Acq On : 12 Sep 2022 17:57
 Operator : CG\JU
 Sample : N4551-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 251032-2

Quant Time: Sep 13 14:25:44 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)

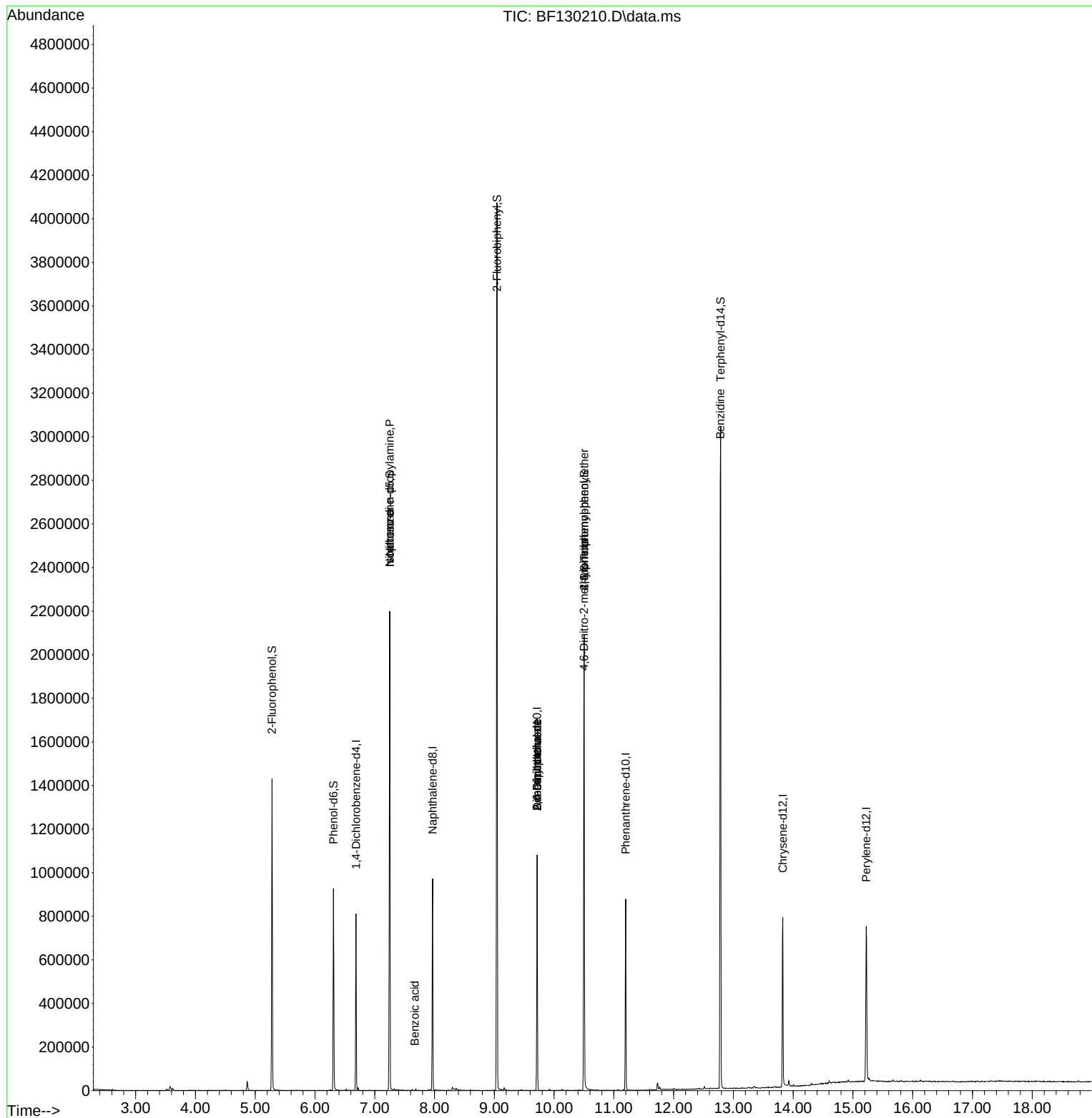
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.687	152	100963	20.000	ng	-0.01
21) Naphthalene-d8	7.969	136	393230	20.000	ng	-0.01
39) Acenaphthene-d10	9.716	164	184979	20.000	ng	-0.02
64) Phenanthrene-d10	11.198	188	275093	20.000	ng	-0.01
76) Chrysene-d12	13.827	240	252119	20.000	ng	-0.02
86) Perylene-d12	15.221	264	295202	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	348703	58.633	ng	-0.02
7) Phenol-d6	6.310	99	254615	34.340	ng	-0.02
23) Nitrobenzene-d5	7.251	82	645955	105.569	ng	-0.02
42) 2,4,6-Tribromophenol	10.504	330	218680	129.871	ng	-0.02
45) 2-Fluorobiphenyl	9.045	172	1092014	97.877	ng	-0.01
79) Terphenyl-d14	12.786	244	1006048	69.198	ng	-0.01
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.251	70	88240	19.755	ng	# 76
25) Isophorone	7.251	82	643262	51.941	ng	# 65
32) Benzoic acid	7.669	122	57	6.584	ng	# 1
50) Dimethylphthalate	9.716	163	34567	2.744	ng	# 1
51) 2,6-Dinitrotoluene	9.716	165	24030	9.782	ng	# 23
57) 2,4-Dinitrotoluene	9.716	165	24030	8.497	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.498	198	598	6.484	ng	# 1
67) 4-Bromophenyl-phenylether	10.504	248	14189	4.637	ng	# 1
77) Benzidine	12.780	184	15022	2.207	ng	# 90

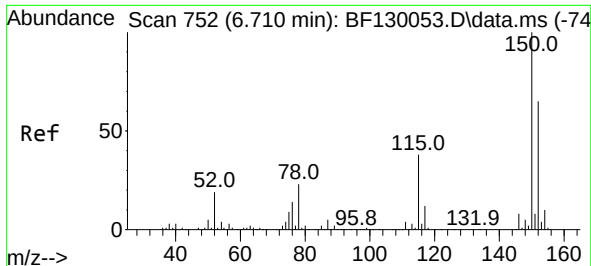
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
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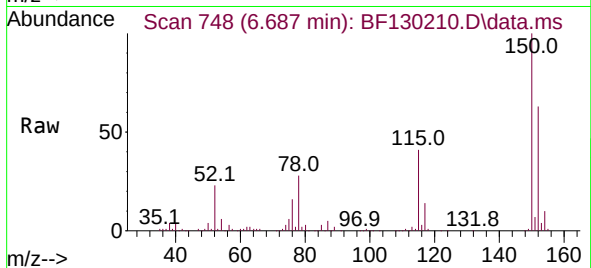
Quant Time: Sep 13 14:25:44 2022
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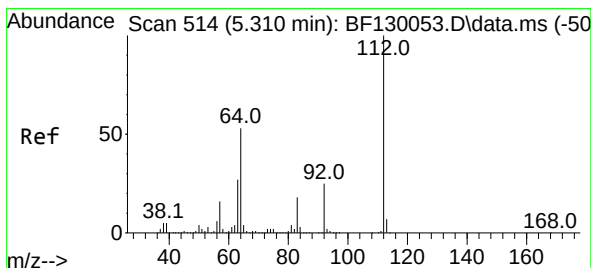
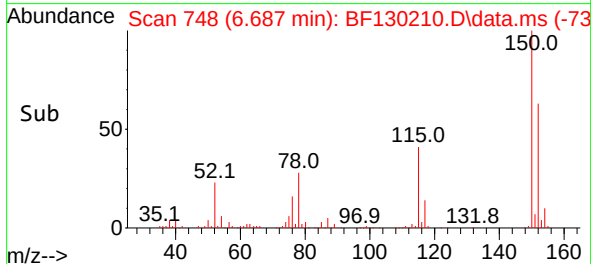
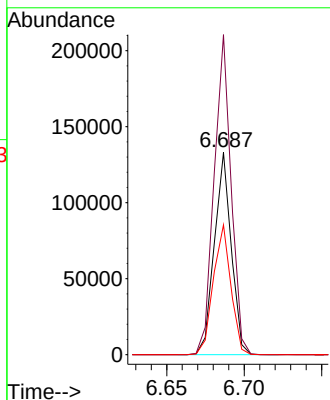


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.687 min Scan# 74
 Delta R.T. -0.011 min
 Lab File: BF130210.D
 Acq: 12 Sep 2022 17:57

Instrument :
 BNA_F
 ClientSampleId :
 251032-2

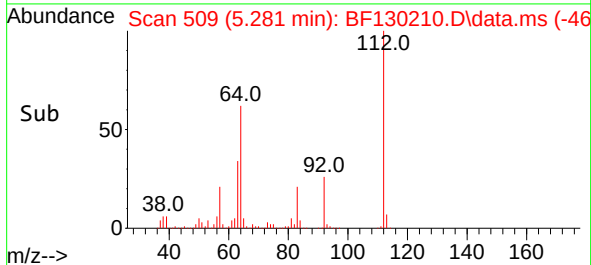
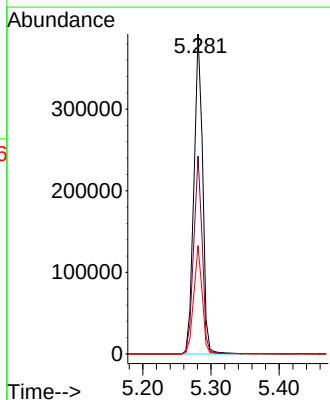
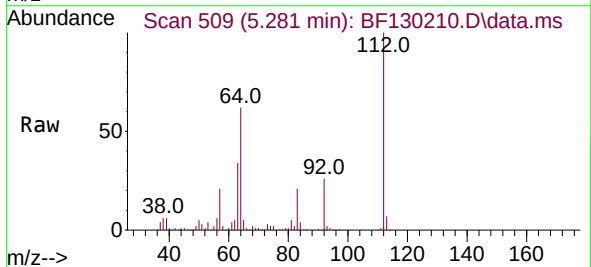


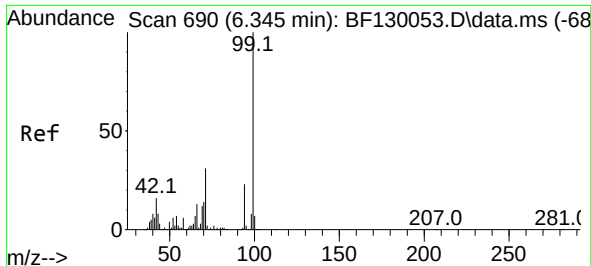
Tgt Ion:152 Resp: 100963
 Ion Ratio Lower Upper
 152 100
 150 158.2 126.9 190.3
 115 64.2 53.4 80.0



#5
 2-Fluorophenol
 Concen: 58.633 ng
 RT: 5.281 min Scan# 509
 Delta R.T. -0.018 min
 Lab File: BF130210.D
 Acq: 12 Sep 2022 17:57

Tgt Ion:112 Resp: 348703
 Ion Ratio Lower Upper
 112 100
 64 61.8 47.6 71.4
 63 33.9 24.6 37.0

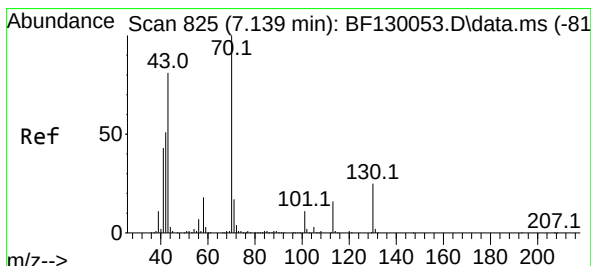
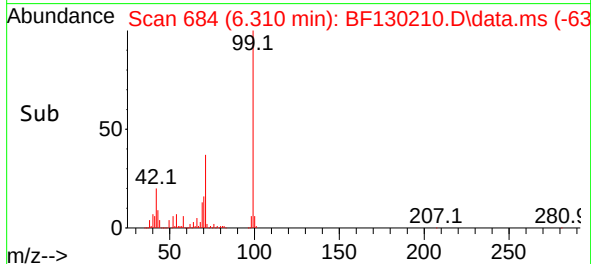
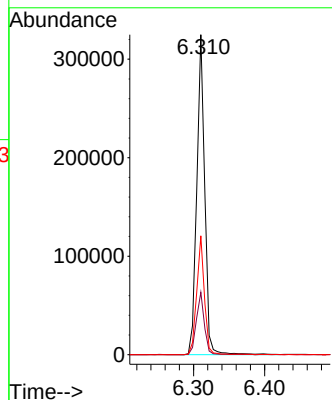
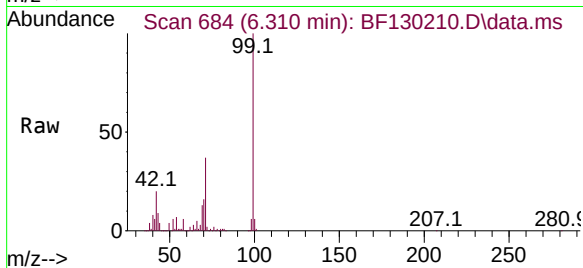




#7
Phenol-d6
Concen: 34.340 ng
RT: 6.310 min Scan# 61
Delta R.T. -0.024 min
Lab File: BF130210.D
Acq: 12 Sep 2022 17:57

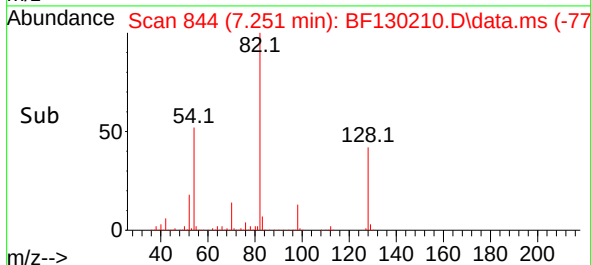
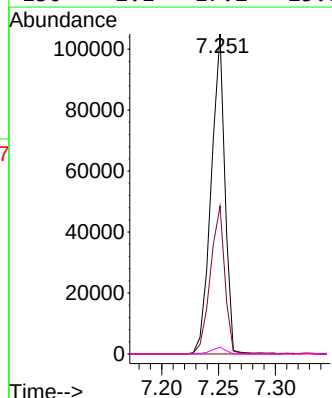
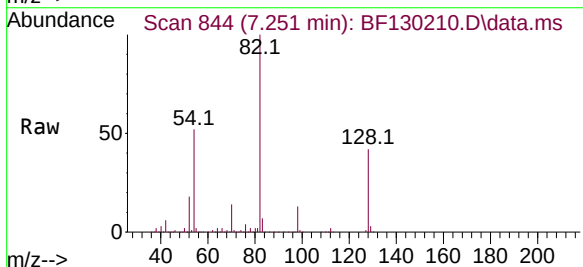
Instrument :
BNA_F
ClientSampleId :
251032-2

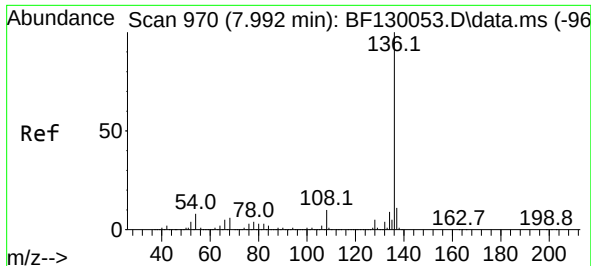
Tgt Ion: 99 Resp: 254615
Ion Ratio Lower Upper
99 100
42 19.5 15.0 22.4
71 37.2 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.755 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.123 min
Lab File: BF130210.D
Acq: 12 Sep 2022 17:57

Tgt Ion: 70 Resp: 88240
Ion Ratio Lower Upper
70 100
42 46.2 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



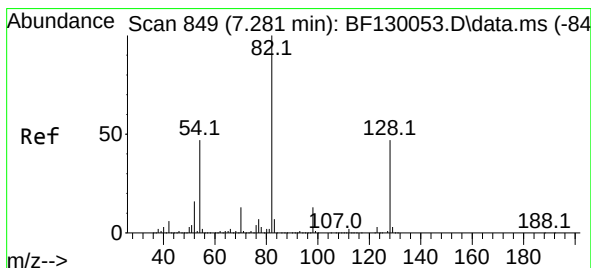
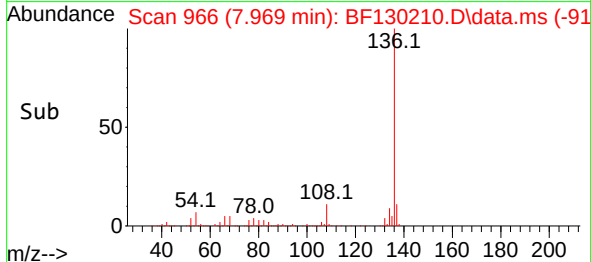
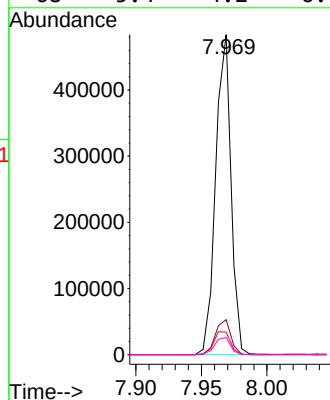
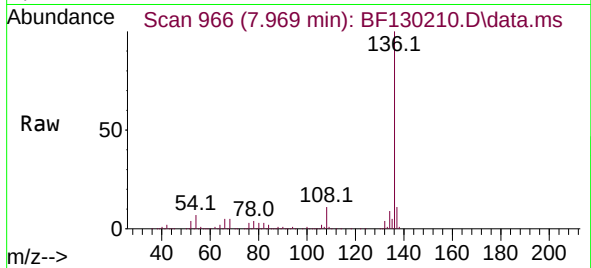


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.969 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130210.D
Acq: 12 Sep 2022 17:57

Instrument :
BNA_F
ClientSampleId :
251032-2

Tgt Ion:136 Resp: 393230

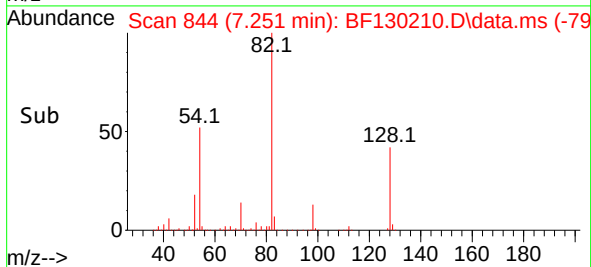
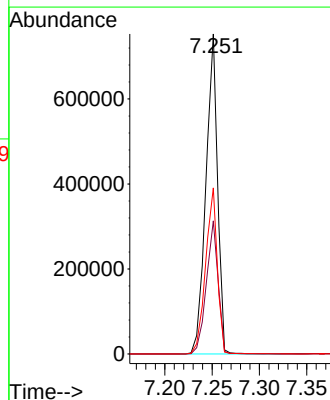
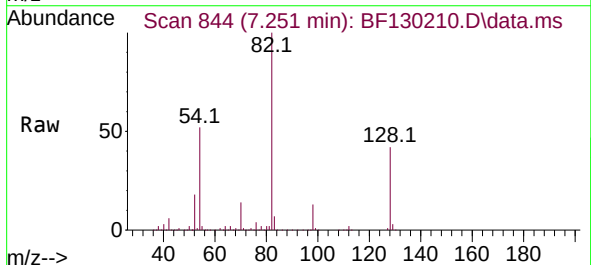
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.1	6.2	9.2
68	5.4	4.2	6.4

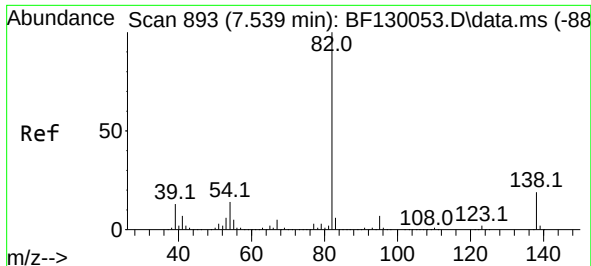


#23
Nitrobenzene-d5
Concen: 105.569 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.018 min
Lab File: BF130210.D
Acq: 12 Sep 2022 17:57

Tgt Ion: 82 Resp: 645955

Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.1	54.1
54	51.9	40.0	60.0

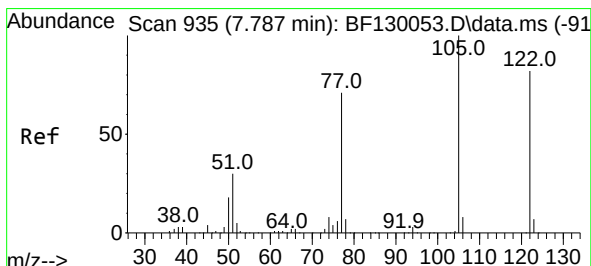
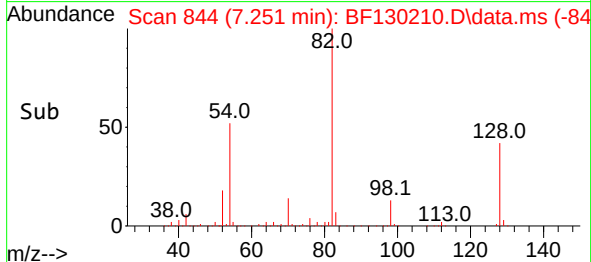
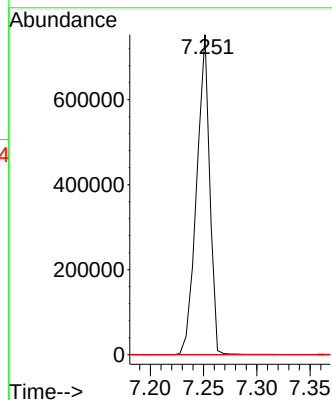
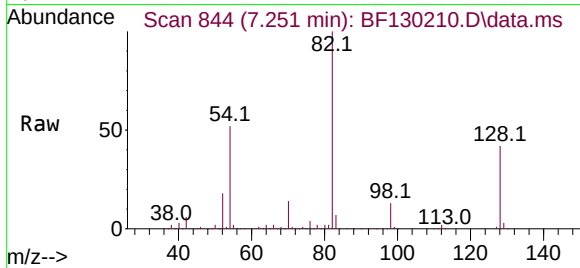




#25
Isophorone
Concen: 51.941 ng
RT: 7.251 min Scan# 84
Delta R.T. -0.276 min
Lab File: BF130210.D
Acq: 12 Sep 2022 17:57

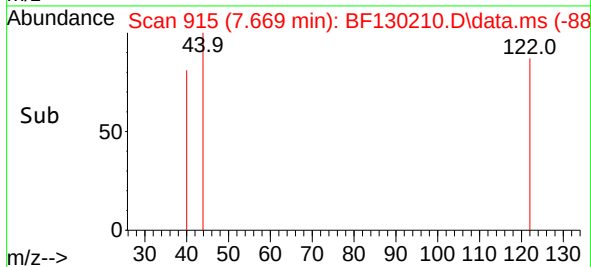
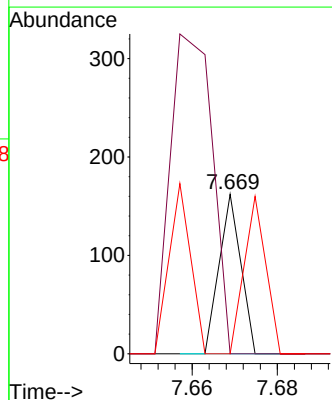
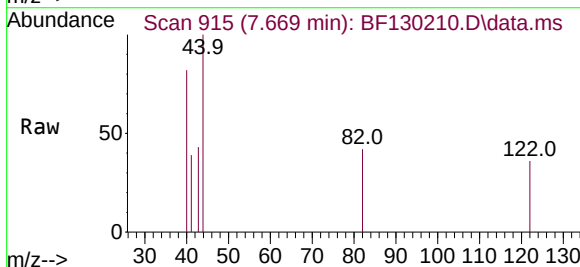
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BNA_F
ClientSampleId :
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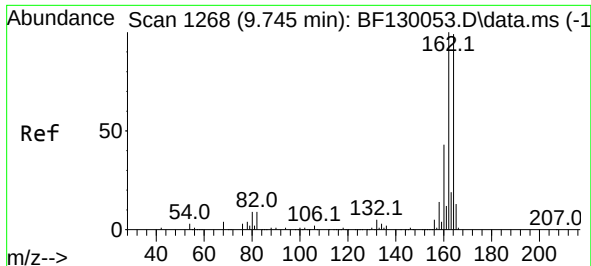
Tgt Ion: 82 Resp: 643262
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.584 ng
RT: 7.669 min Scan# 915
Delta R.T. -0.100 min
Lab File: BF130210.D
Acq: 12 Sep 2022 17:57

Tgt Ion: 122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 0.0 65.9 105.9#

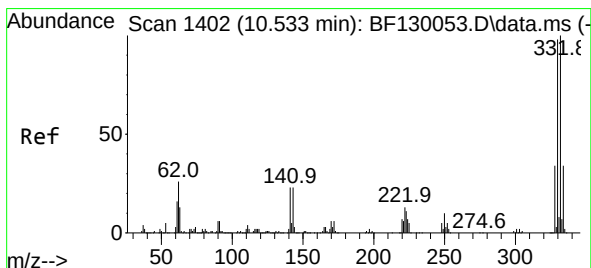
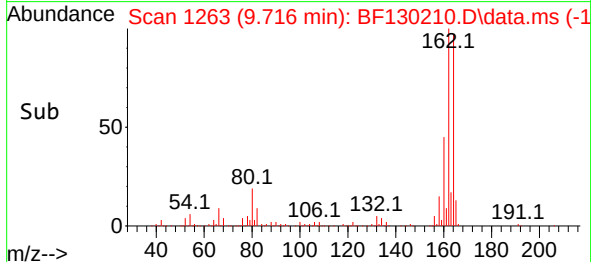
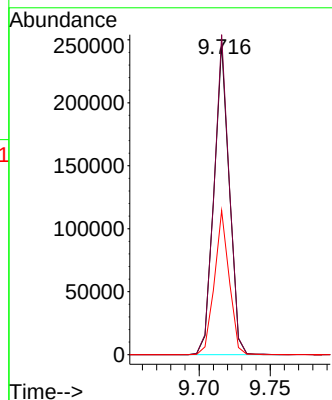
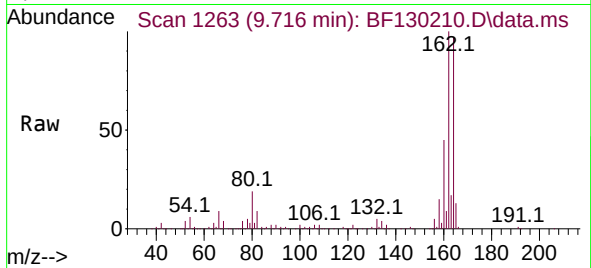




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF130210.D
Acq: 12 Sep 2022 17:57

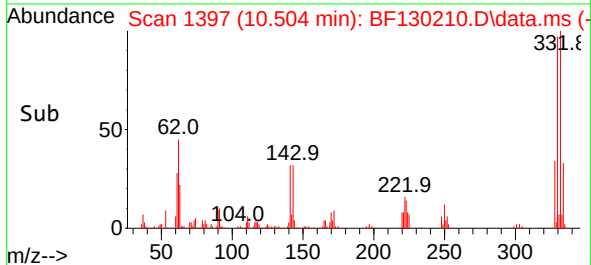
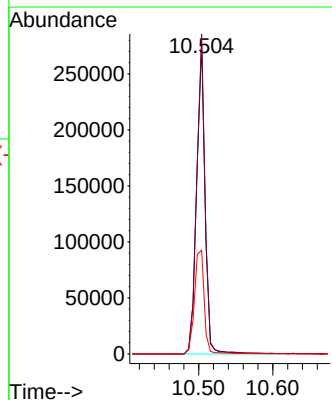
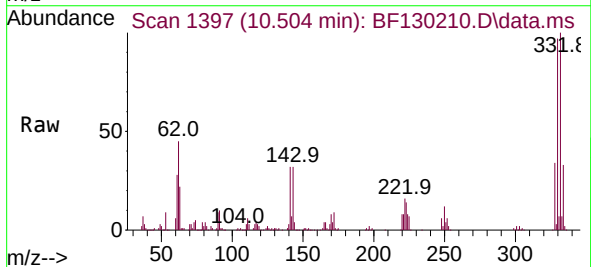
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ClientSampleId :
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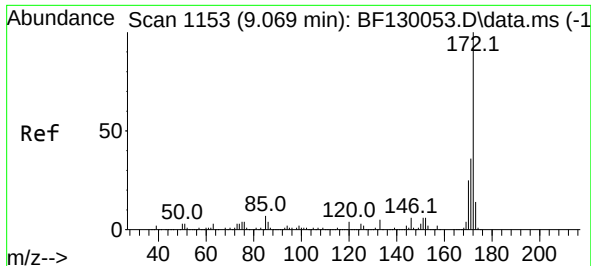
Tgt Ion:164 Resp: 184979
Ion Ratio Lower Upper
164 100
162 102.8 82.0 123.0
160 46.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 129.871 ng
RT: 10.504 min Scan# 1397
Delta R.T. -0.018 min
Lab File: BF130210.D
Acq: 12 Sep 2022 17:57

Tgt Ion:330 Resp: 218680
Ion Ratio Lower Upper
330 100
332 102.7 82.6 124.0
141 39.3 27.6 41.4

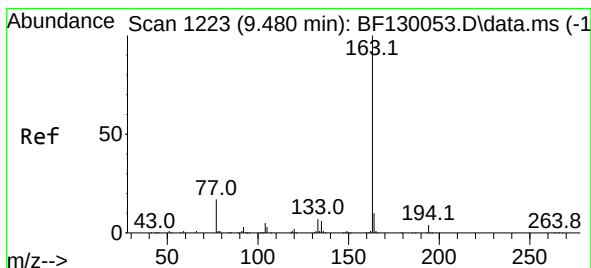
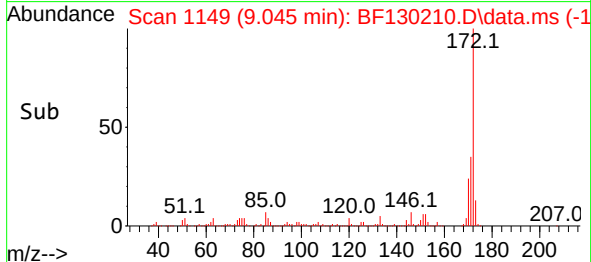
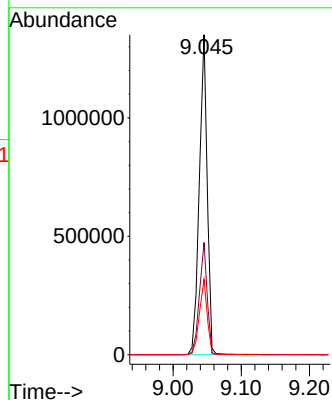
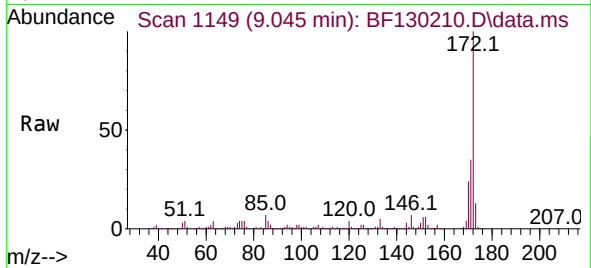




#45
2-Fluorobiphenyl
Concen: 97.877 ng
RT: 9.045 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF130210.D
Acq: 12 Sep 2022 17:57

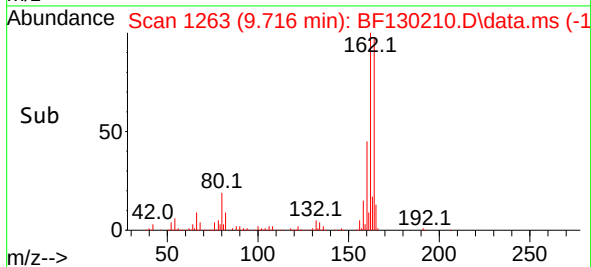
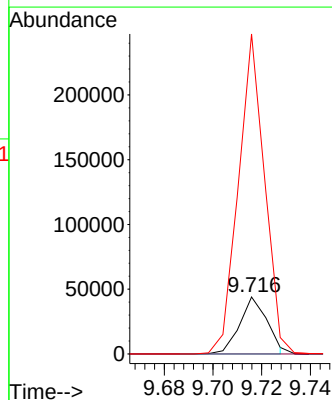
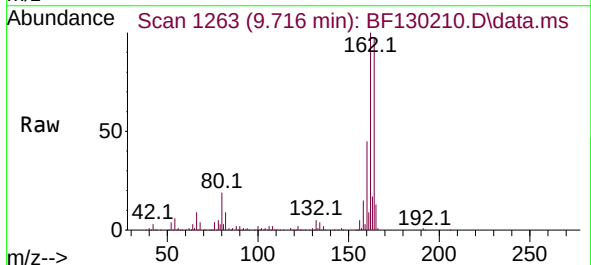
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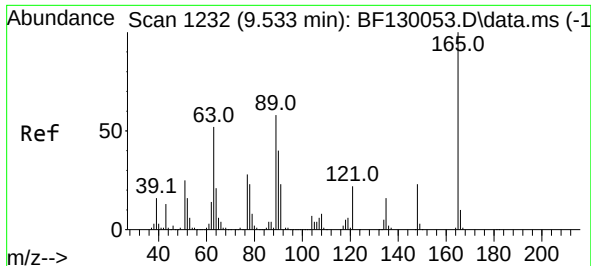
Tgt Ion:172 Resp: 1092014
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.6 19.1 28.7



#50
Dimethylphthalate
Concen: 2.744 ng
RT: 9.716 min Scan# 1263
Delta R.T. 0.247 min
Lab File: BF130210.D
Acq: 12 Sep 2022 17:57

Tgt Ion:163 Resp: 34567
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 561.9 8.2 12.2#

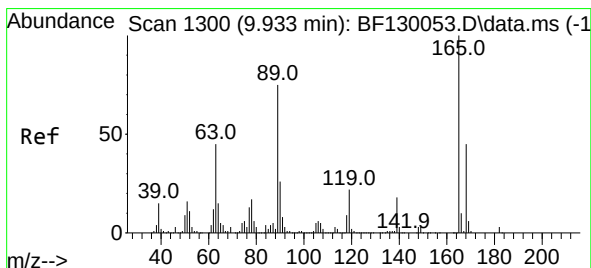
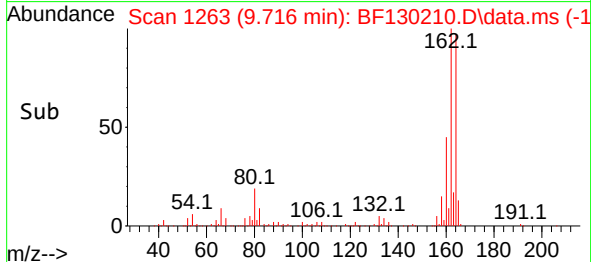
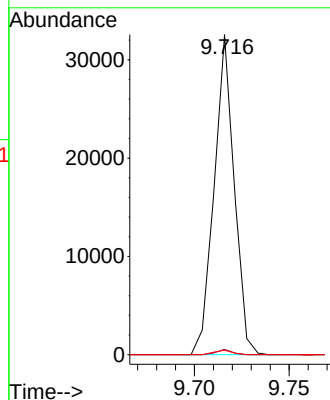
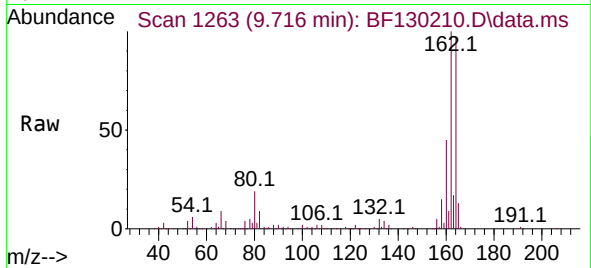




#51
2,6-Dinitrotoluene
Concen: 9.782 ng
RT: 9.716 min Scan# 1263
Delta R.T. 0.188 min
Lab File: BF130210.D
Acq: 12 Sep 2022 17:57

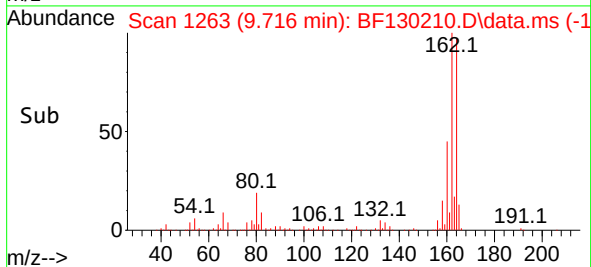
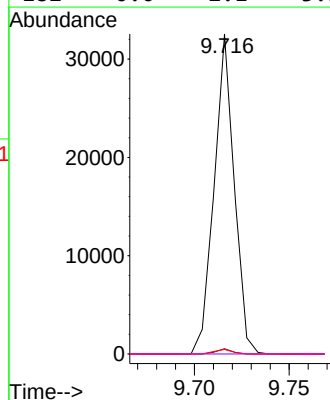
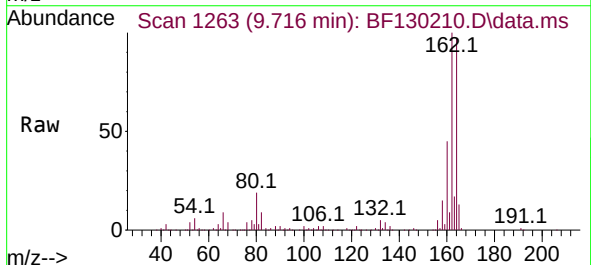
Instrument :
BNA_F
ClientSampleId :
251032-2

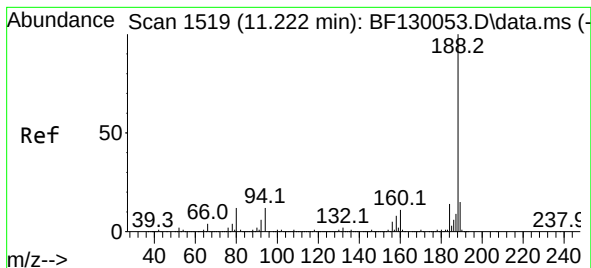
Tgt Ion:165 Resp: 24030
Ion Ratio Lower Upper
165 100
63 1.7 47.8 71.8#
89 1.4 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 8.497 ng
RT: 9.716 min Scan# 1263
Delta R.T. -0.206 min
Lab File: BF130210.D
Acq: 12 Sep 2022 17:57

Tgt Ion:165 Resp: 24030
Ion Ratio Lower Upper
165 100
63 1.7 48.4 72.6#
89 1.4 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.198 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF130210.D

Acq: 12 Sep 2022 17:57

Instrument :

BNA_F

ClientSampleId :

251032-2

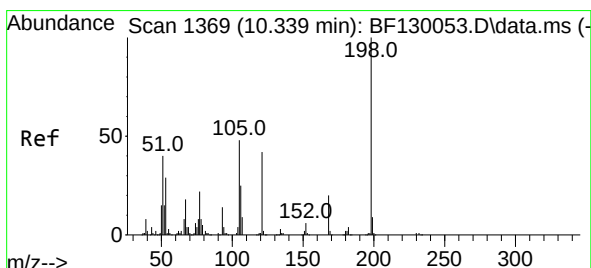
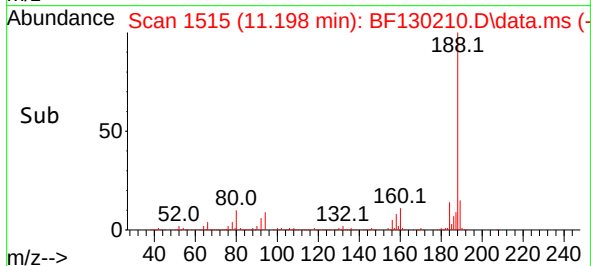
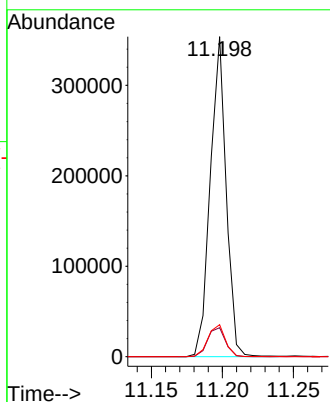
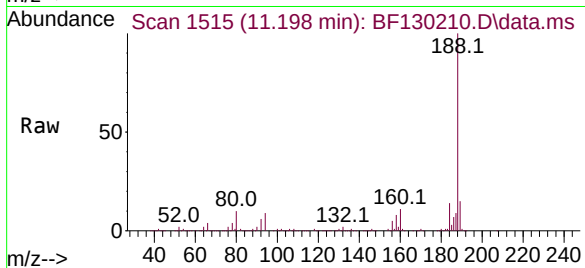
Tgt Ion:188 Resp: 275093

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 10.0 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.484 ng

RT: 10.498 min Scan# 1396

Delta R.T. 0.171 min

Lab File: BF130210.D

Acq: 12 Sep 2022 17:57

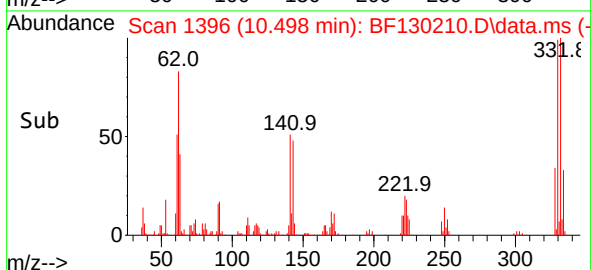
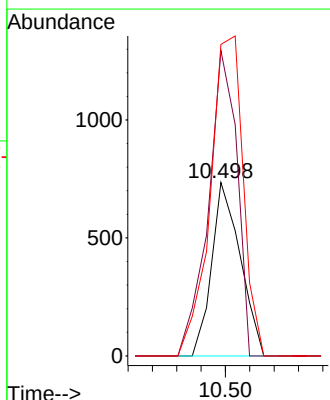
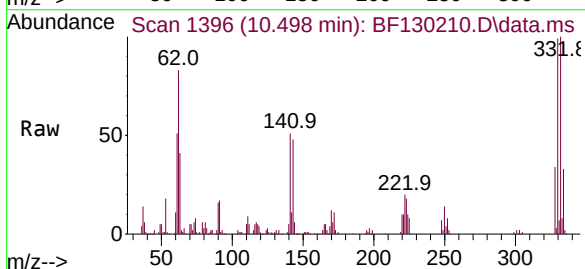
Tgt Ion:198 Resp: 598

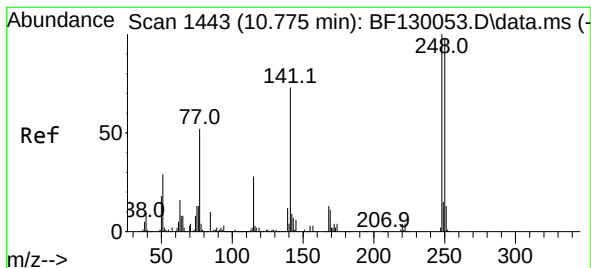
Ion Ratio Lower Upper

198 100

51 176.1 29.4 69.4#

105 179.6 29.2 69.2#

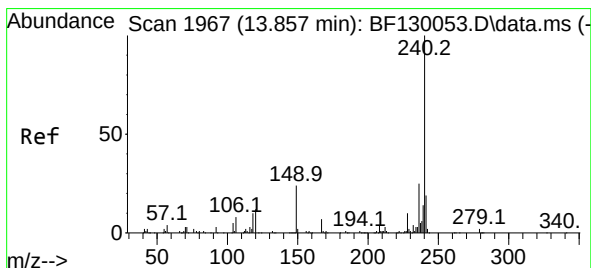
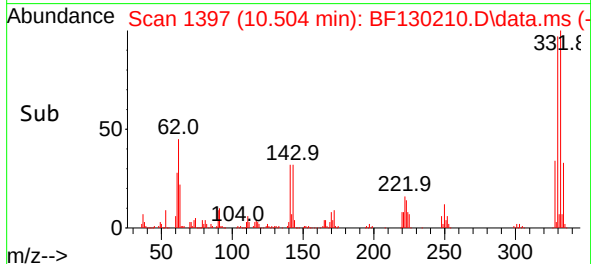
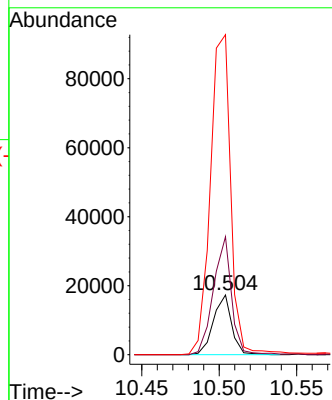
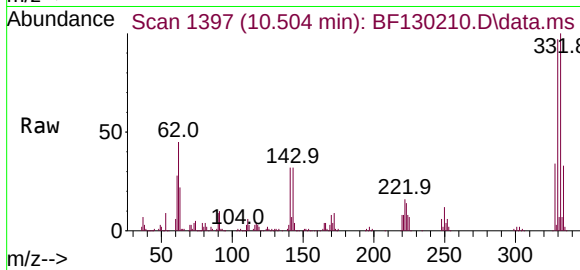




#67
4-Bromophenyl-phenylether
Concen: 4.637 ng
RT: 10.504 min Scan# 11
Delta R.T. -0.259 min
Lab File: BF130210.D
Acq: 12 Sep 2022 17:57

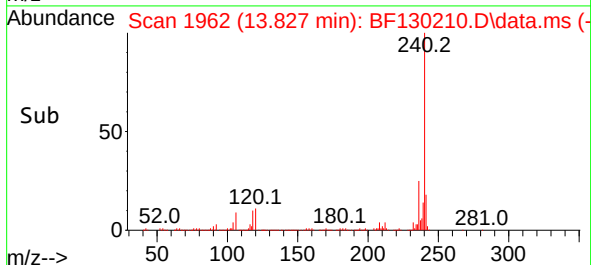
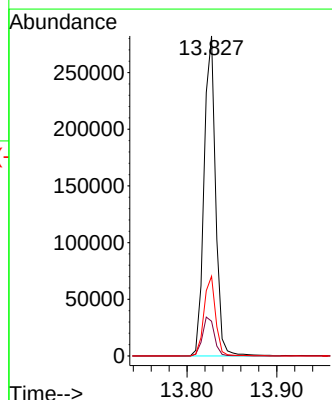
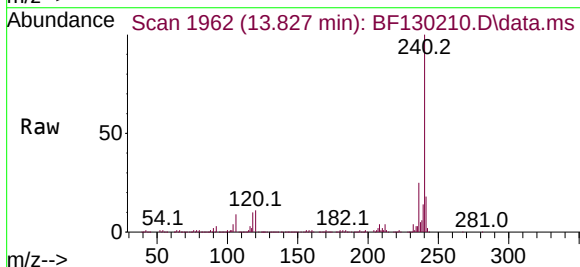
Instrument :
BNA_F
ClientSampleId :
251032-2

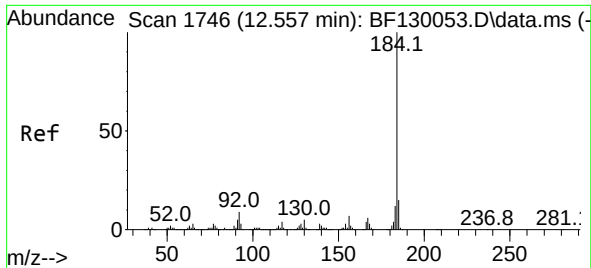
Tgt Ion:248 Resp: 14189
Ion Ratio Lower Upper
248 100
250 197.7 77.8 116.6#
141 536.6 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.827 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BF130210.D
Acq: 12 Sep 2022 17:57

Tgt Ion:240 Resp: 252119
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 24.9 20.7 31.1

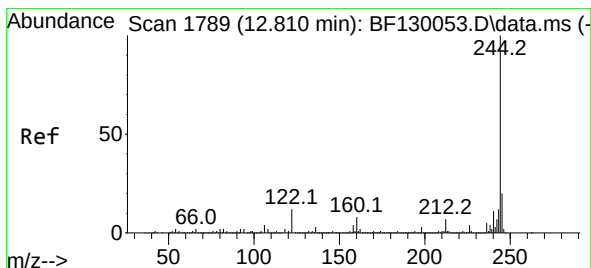
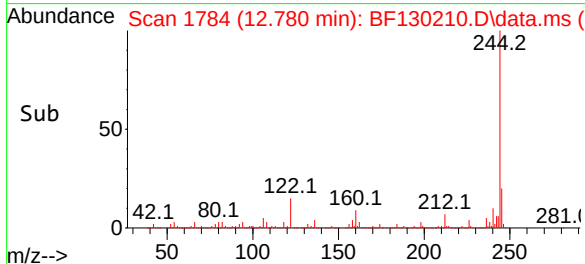
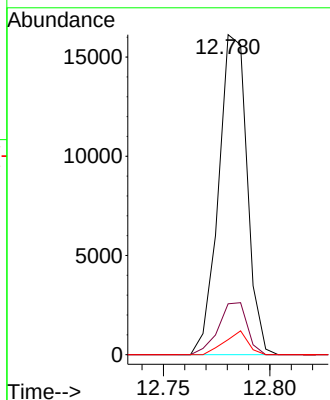
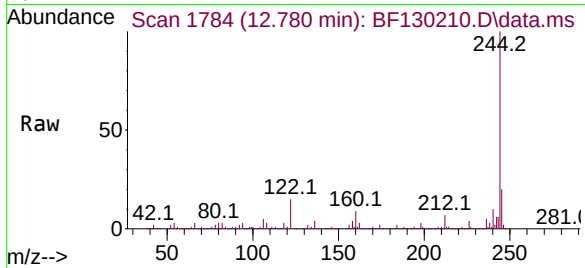




#77
Benzidine
Concen: 2.207 ng
RT: 12.780 min Scan# 1784
Delta R.T. 0.235 min
Lab File: BF130210.D
Acq: 12 Sep 2022 17:57

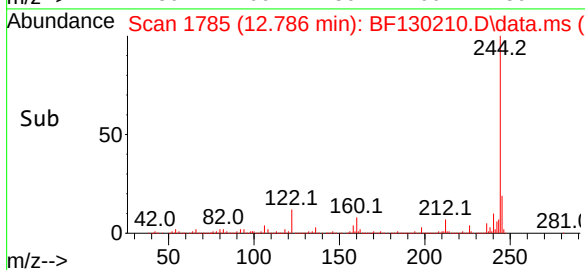
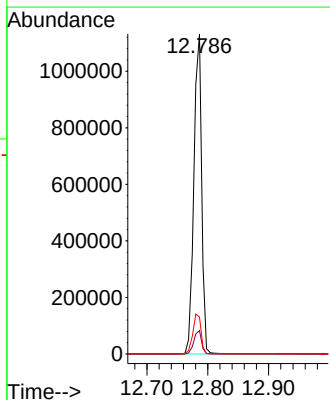
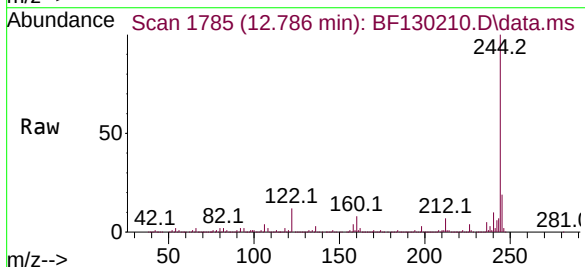
Instrument :
BNA_F
ClientSampleId :
251032-2

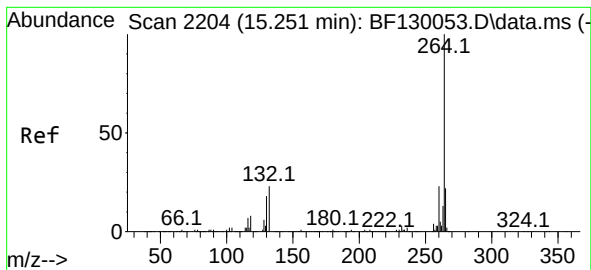
Tgt Ion:184 Resp: 15022
Ion Ratio Lower Upper
184 100
185 15.9 11.4 17.2
183 4.7 9.4 14.2#



#79
Terphenyl-d14
Concen: 69.198 ng
RT: 12.786 min Scan# 1785
Delta R.T. -0.012 min
Lab File: BF130210.D
Acq: 12 Sep 2022 17:57

Tgt Ion:244 Resp: 1006048
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.6 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: BF130210.D
Acq: 12 Sep 2022 17:57

Instrument :
BNA_F
ClientSampleId :
251032-2

Tgt Ion:264 Resp: 295202

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	21.5	16.7	25.1

