

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130097.D
 Acq On : 02 Sep 2022 01:39
 Operator : CG\JU
 Sample : N4423-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Sep 02 04:08:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

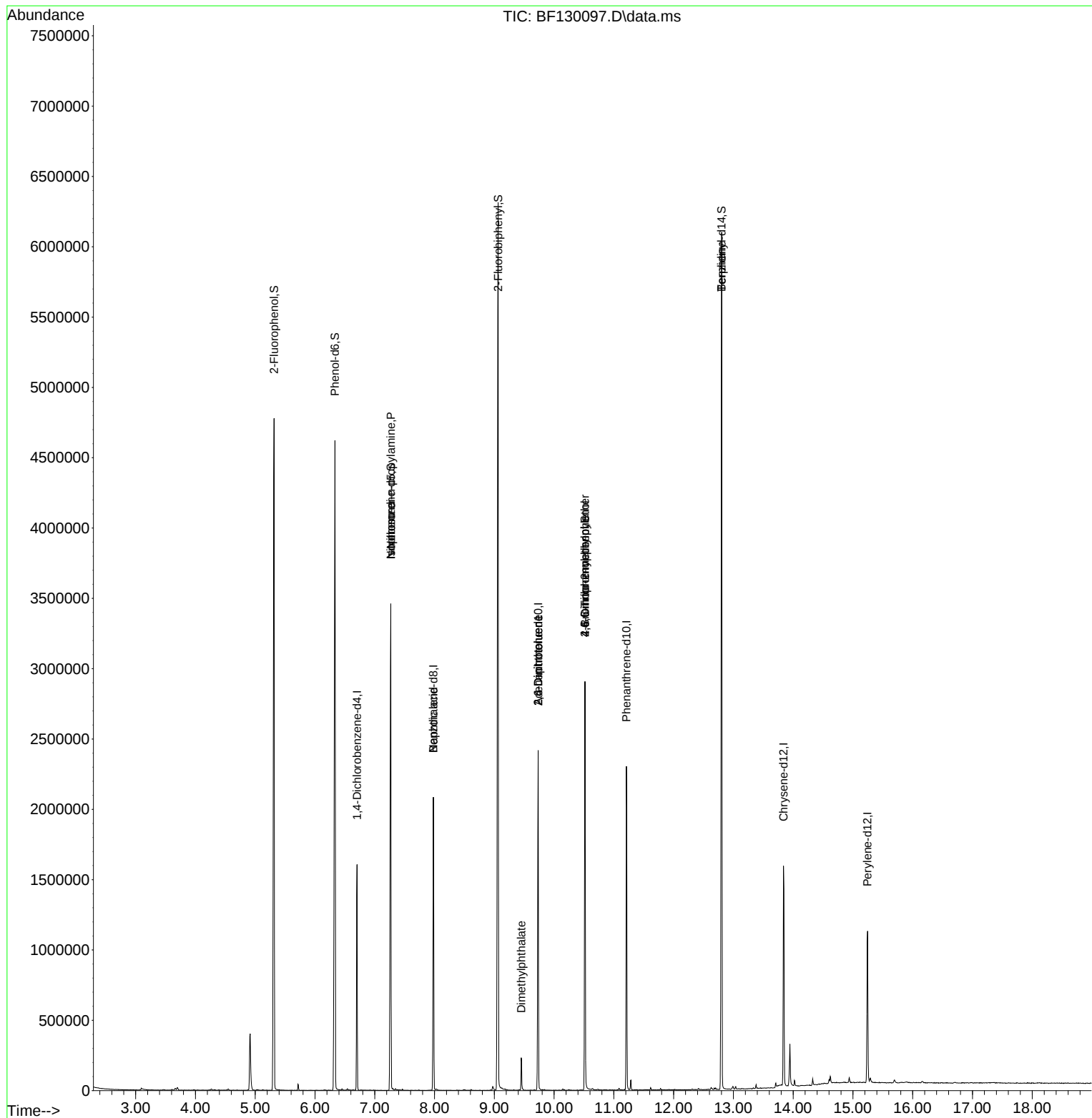
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	236224	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	922852	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	499017	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	825852	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	532962	20.000	ng	#-0.02
86) Perylene-d12	15.245	264	437735	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	1616939	116.203	ng	0.00
7) Phenol-d6	6.334	99	2064806	119.025	ng	-0.01
23) Nitrobenzene-d5	7.269	82	1226860	85.437	ng	-0.01
42) 2,4,6-Tribromophenol	10.516	330	306544	67.484	ng	-0.02
45) 2-Fluorobiphenyl	9.063	172	2247441	74.670	ng	0.00
79) Terphenyl-d14	12.804	244	2156671	70.173	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	156548	14.979	ng	# 74
25) Isophorone	7.269	82	1222124	42.049	ng	# 65
32) Benzoic acid	7.981	122	164	6.586	ng	# 1
50) Dimethylphthalate	9.451	163	94565	2.782	ng	99
51) 2,6-Dinitrotoluene	9.733	165	63900	9.643	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	63900	8.375	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.516	198	659	6.228	ng	# 1
67) 4-Bromophenyl-phenylether	10.516	248	18951	2.063	ng	# 1
77) Benzidine	12.804	184	29670	2.062	ng	# 91

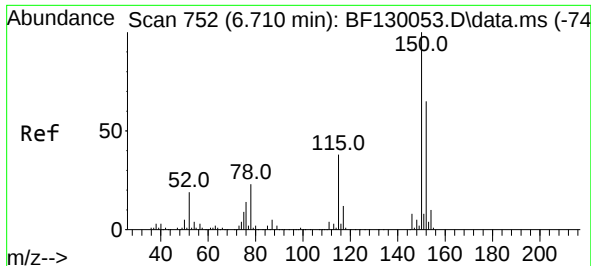
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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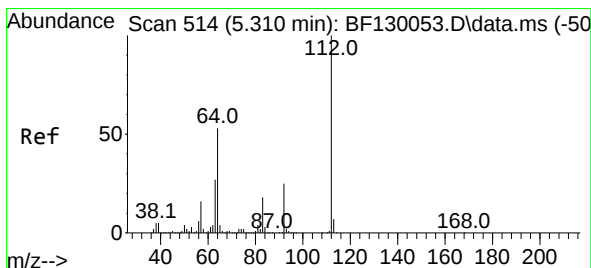
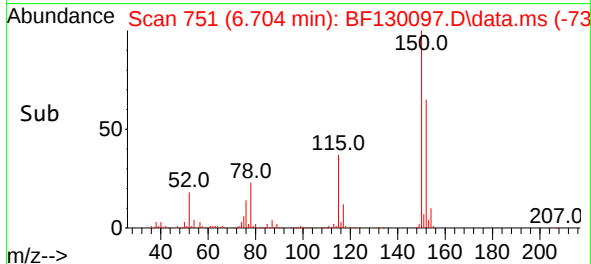
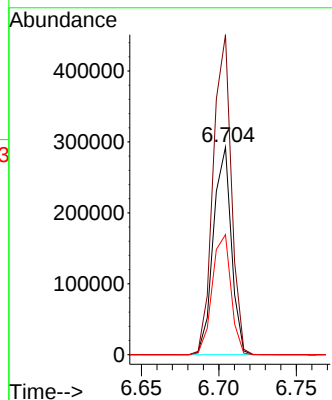
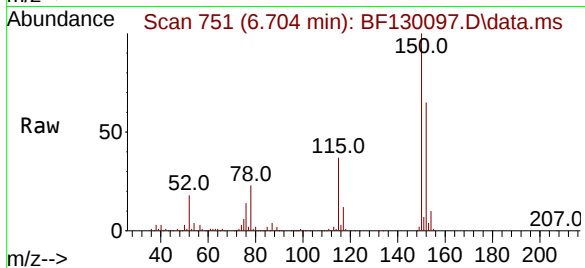




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130097.D
 Acq: 02 Sep 2022 01:39

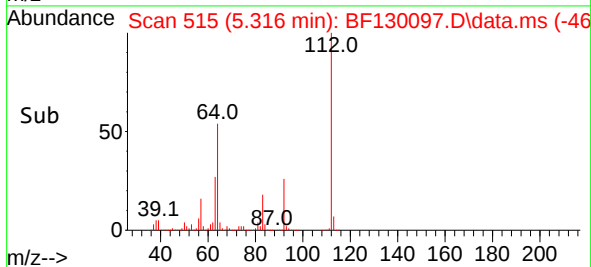
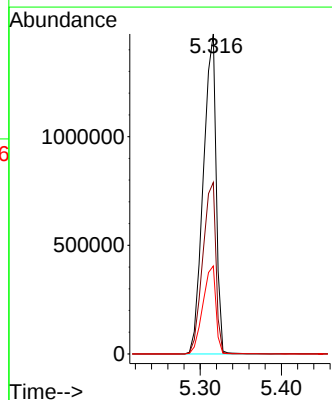
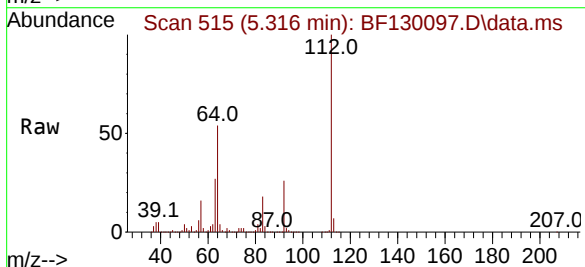
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

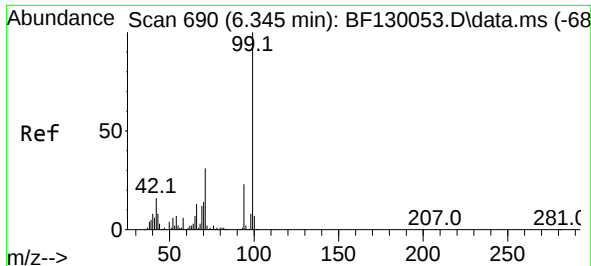
Tgt Ion:152 Resp: 236224
 Ion Ratio Lower Upper
 152 100
 150 154.2 126.9 190.3
 115 57.8 53.4 80.0



#5
 2-Fluorophenol
 Concen: 116.203 ng
 RT: 5.316 min Scan# 515
 Delta R.T. 0.006 min
 Lab File: BF130097.D
 Acq: 02 Sep 2022 01:39

Tgt Ion:112 Resp: 1616939
 Ion Ratio Lower Upper
 112 100
 64 53.6 47.6 71.4
 63 27.5 24.6 37.0



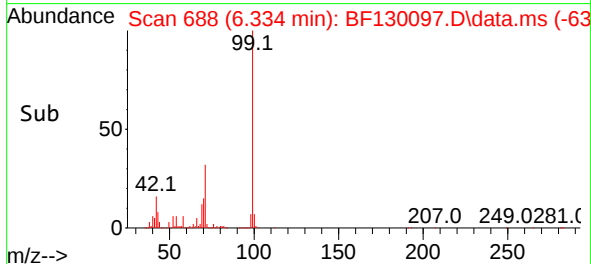
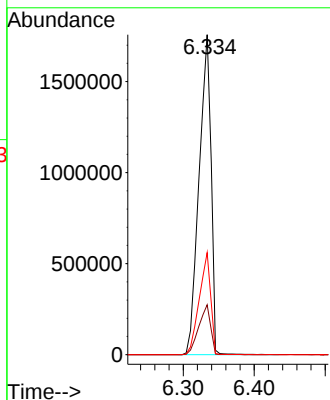
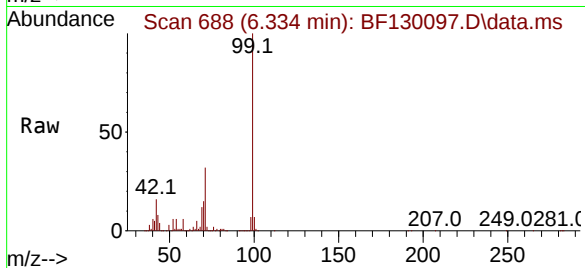


#7
Phenol-d6
Concen: 119.025 ng
RT: 6.334 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130097.D
Acq: 02 Sep 2022 01:39

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 99 Resp: 2064806

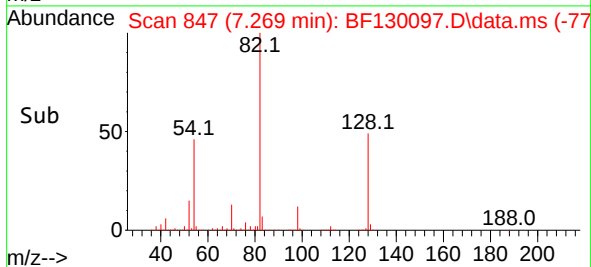
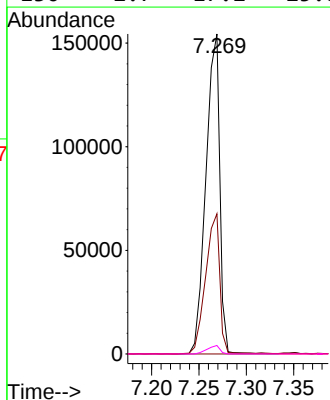
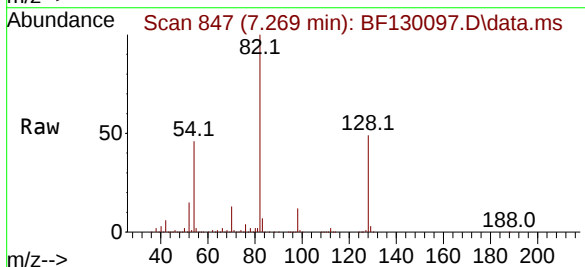
Ion	Ratio	Lower	Upper
99	100		
42	15.6	15.0	22.4
71	31.9	28.8	43.2

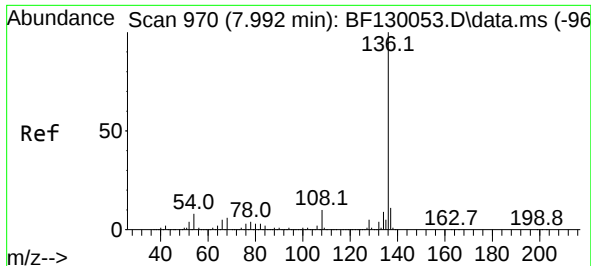


#19
n-Nitroso-di-n-propylamine
Concen: 14.979 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130097.D
Acq: 02 Sep 2022 01:39

Tgt Ion: 70 Resp: 156548

Ion	Ratio	Lower	Upper
70	100		
42	43.8	47.6	71.4#
101	0.0	8.1	12.1#
130	2.7	17.2	25.8#

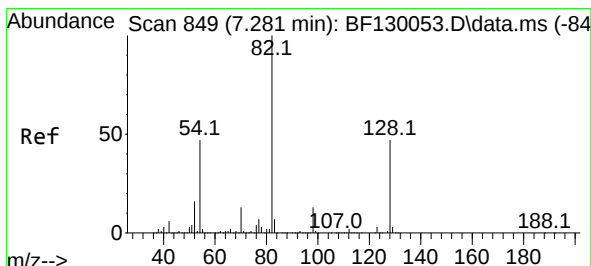
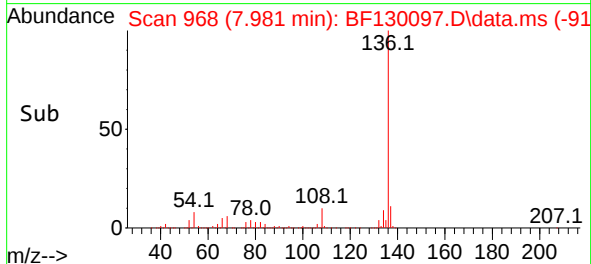
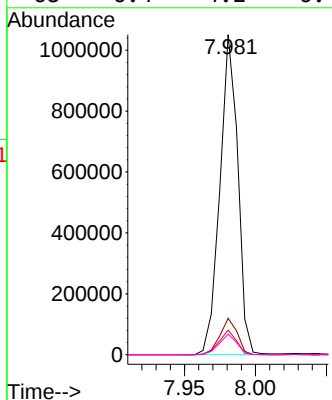
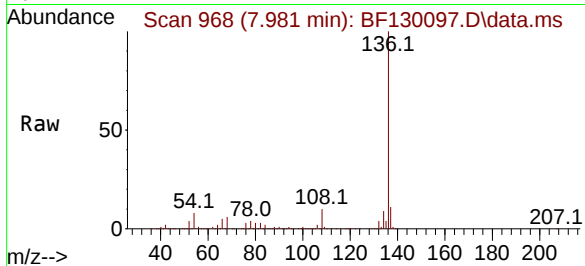




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 910
Delta R.T. -0.011 min
Lab File: BF130097.D
Acq: 02 Sep 2022 01:39

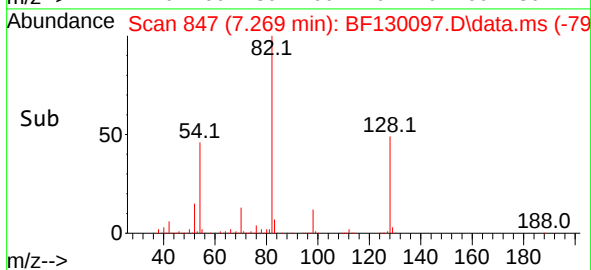
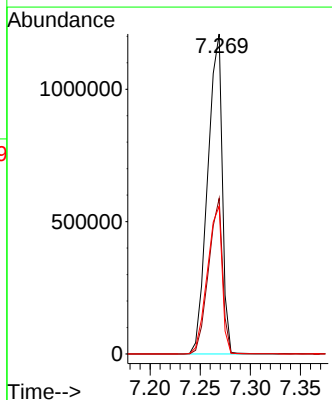
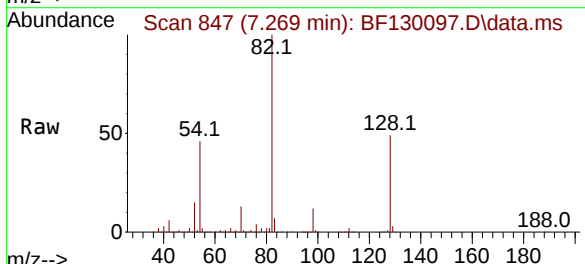
Instrument :
BNA_F
ClientSampleId :
WC-1

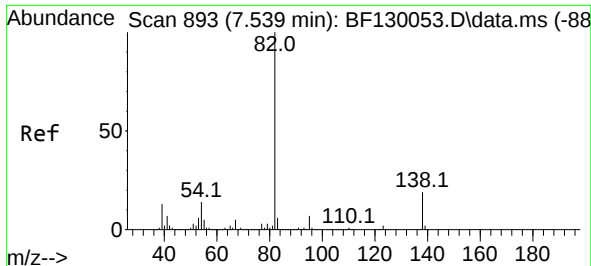
Tgt Ion:136 Resp: 922852
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.7 6.2 9.2
68 6.4 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 85.437 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130097.D
Acq: 02 Sep 2022 01:39

Tgt Ion: 82 Resp: 1226860
Ion Ratio Lower Upper
82 100
128 48.6 36.1 54.1
54 46.2 40.0 60.0

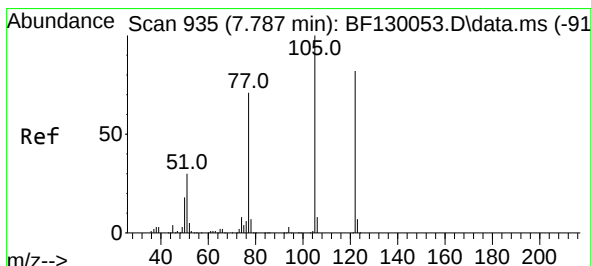
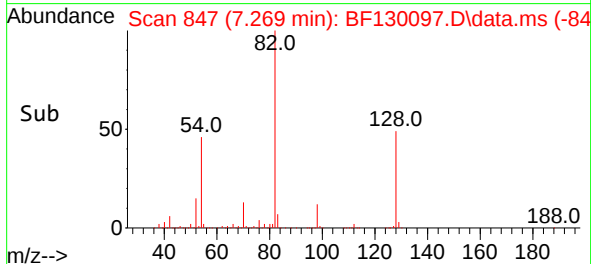
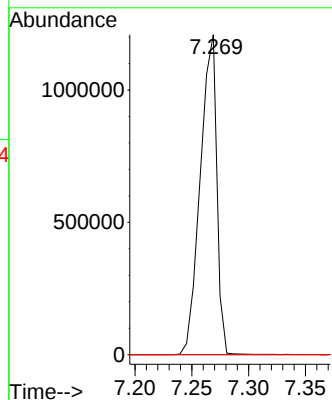
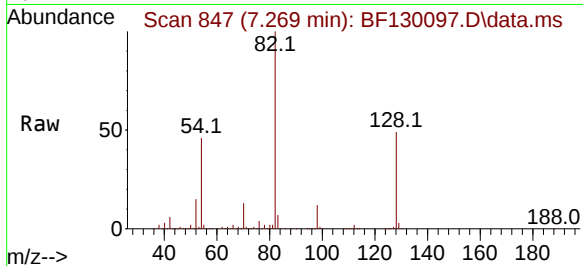




#25
Isophorone
Concen: 42.049 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130097.D
Acq: 02 Sep 2022 01:39

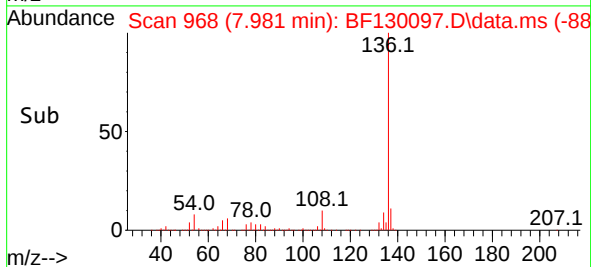
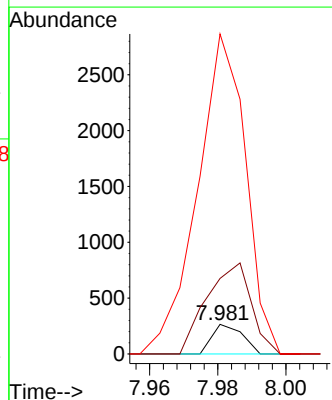
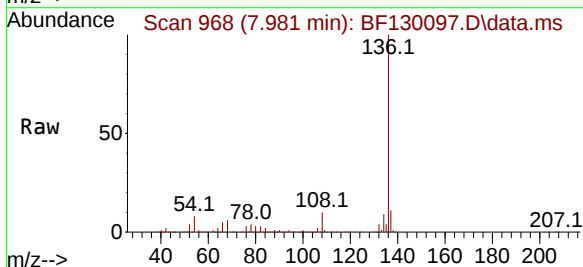
Instrument :
BNA_F
ClientSampleId :
WC-1

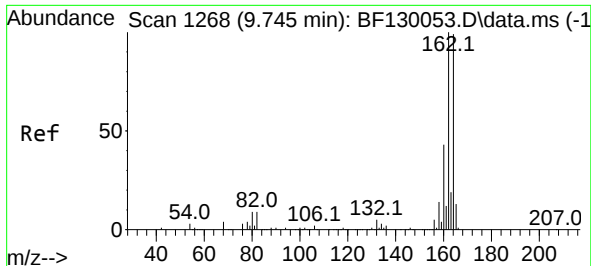
Tgt Ion: 82 Resp: 1222124
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.586 ng
RT: 7.981 min Scan# 968
Delta R.T. 0.194 min
Lab File: BF130097.D
Acq: 02 Sep 2022 01:39

Tgt Ion:122 Resp: 164
Ion Ratio Lower Upper
122 100
105 255.1 99.9 139.9#
77 1081.5 65.9 105.9#

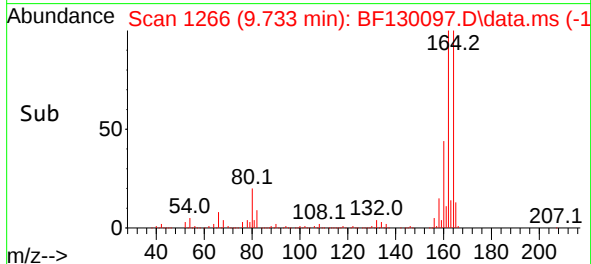
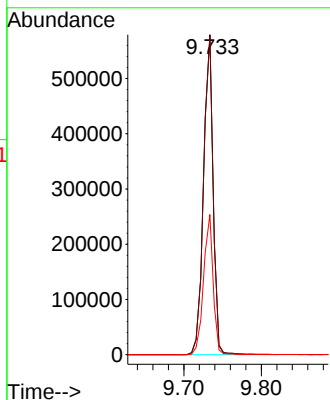
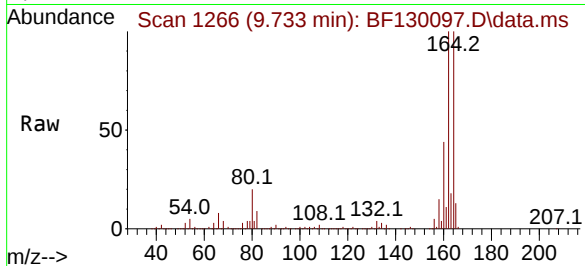




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.733 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130097.D
 Acq: 02 Sep 2022 01:39

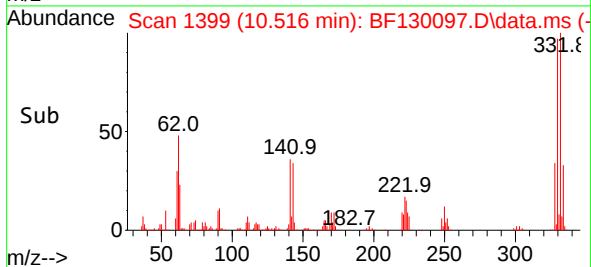
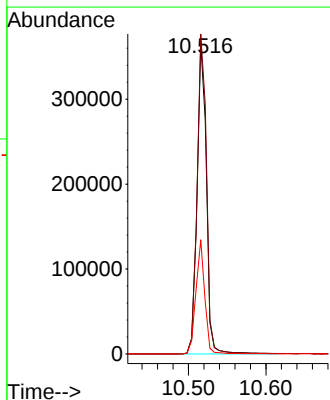
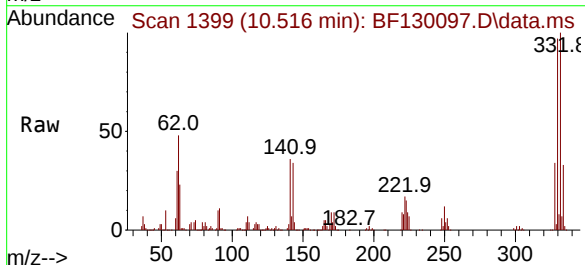
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

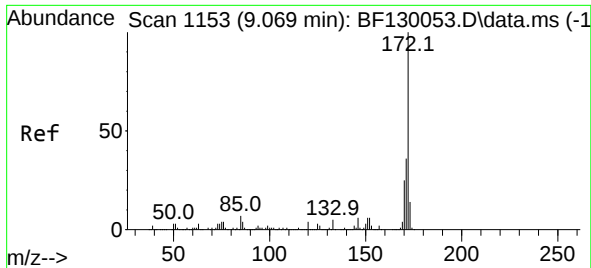
Tgt Ion:164 Resp: 499017
 Ion Ratio Lower Upper
 164 100
 162 99.6 82.0 123.0
 160 43.8 35.4 53.0



#42
 2,4,6-Tribromophenol
 Concen: 67.484 ng
 RT: 10.516 min Scan# 1399
 Delta R.T. -0.018 min
 Lab File: BF130097.D
 Acq: 02 Sep 2022 01:39

Tgt Ion:330 Resp: 306544
 Ion Ratio Lower Upper
 330 100
 332 104.2 82.6 124.0
 141 34.9 27.6 41.4

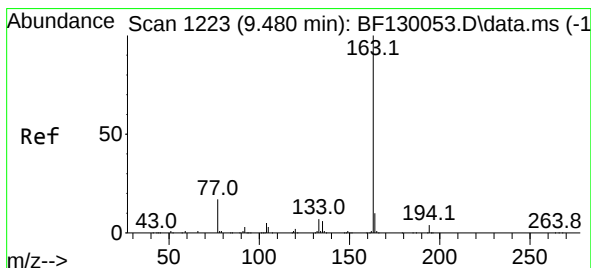
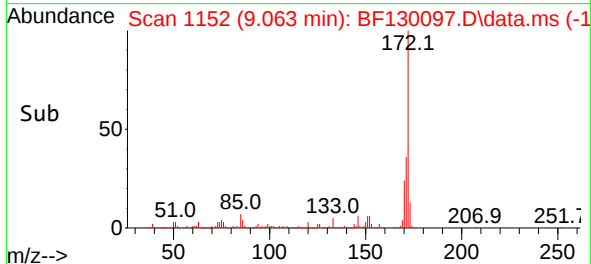
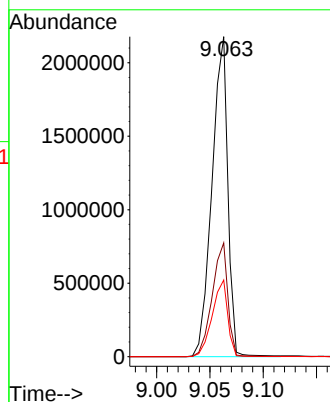
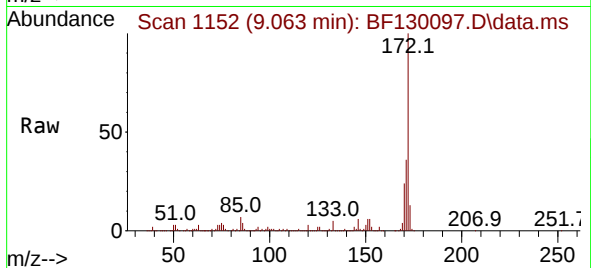




#45
2-Fluorobiphenyl
Concen: 74.670 ng
RT: 9.063 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130097.D
Acq: 02 Sep 2022 01:39

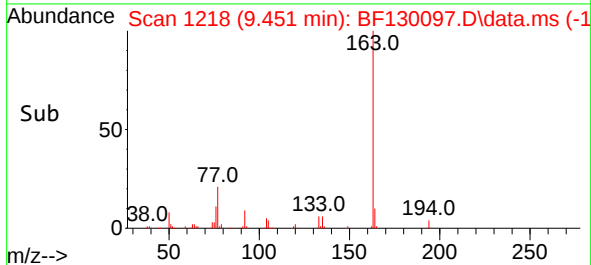
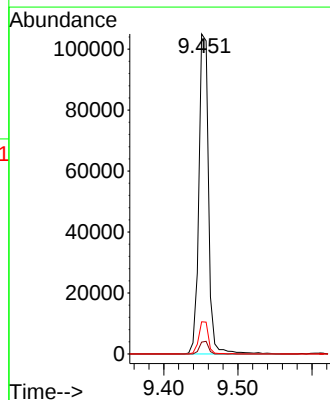
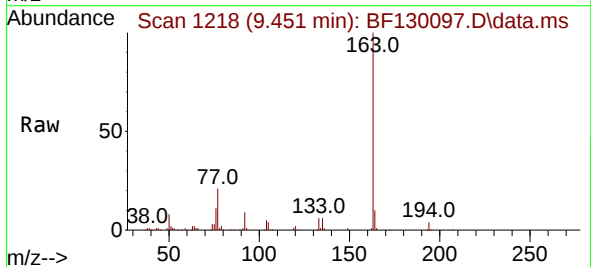
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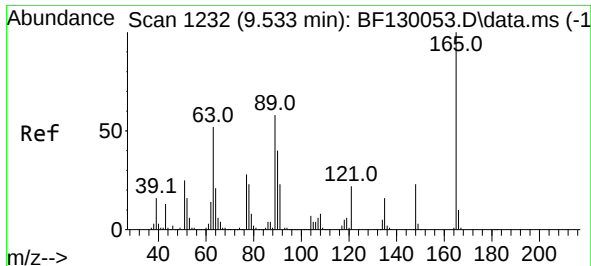
Tgt Ion:172 Resp: 2247441
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.0 19.1 28.7



#50
Dimethylphthalate
Concen: 2.782 ng
RT: 9.451 min Scan# 1218
Delta R.T. -0.029 min
Lab File: BF130097.D
Acq: 02 Sep 2022 01:39

Tgt Ion:163 Resp: 94565
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.1 8.2 12.2

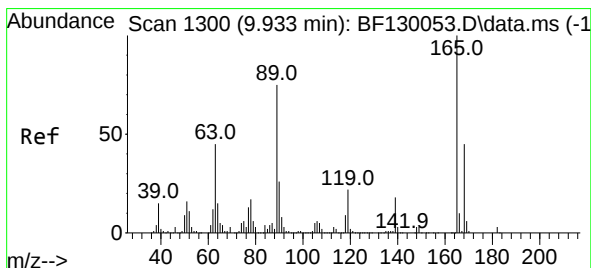
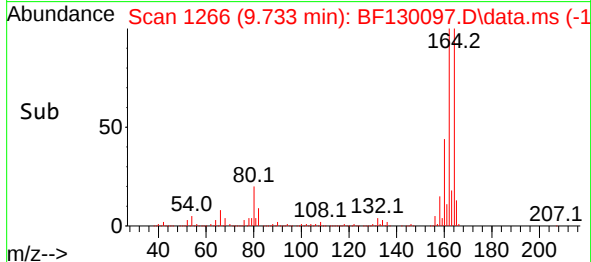
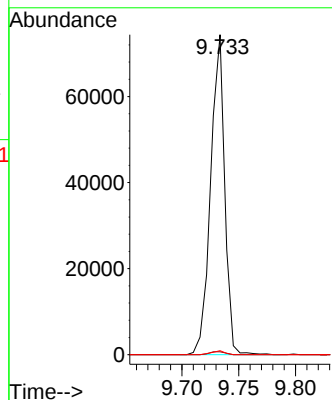
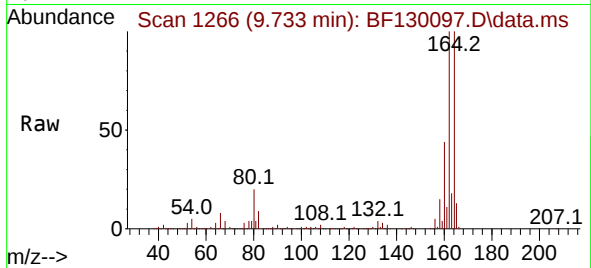




#51
2,6-Dinitrotoluene
Concen: 9.643 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.200 min
Lab File: BF130097.D
Acq: 02 Sep 2022 01:39

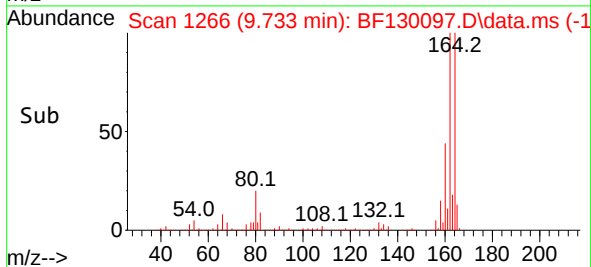
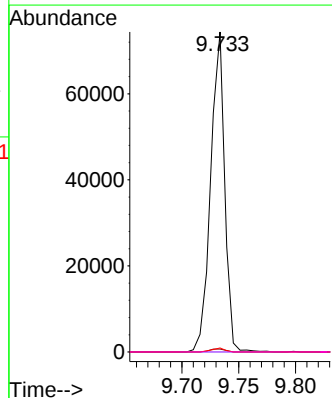
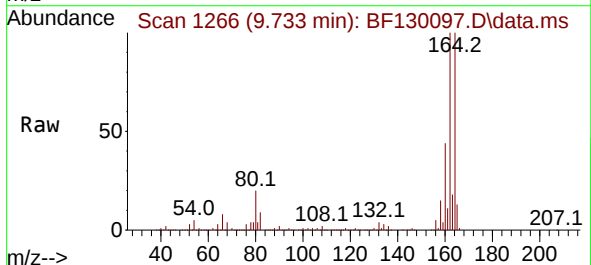
Instrument :
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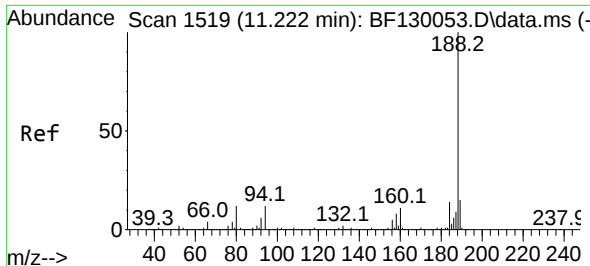
Tgt Ion:165 Resp: 63900
Ion Ratio Lower Upper
165 100
63 0.9 47.8 71.8#
89 1.2 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 8.375 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.200 min
Lab File: BF130097.D
Acq: 02 Sep 2022 01:39

Tgt Ion:165 Resp: 63900
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 1.2 62.3 93.5#
182 0.0 2.1 3.1#

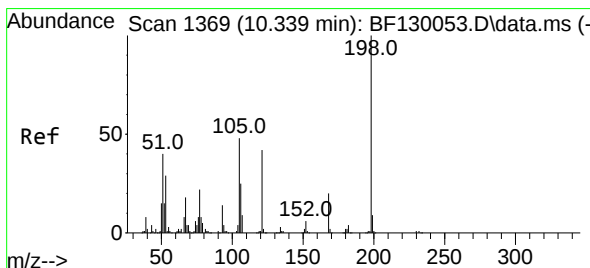
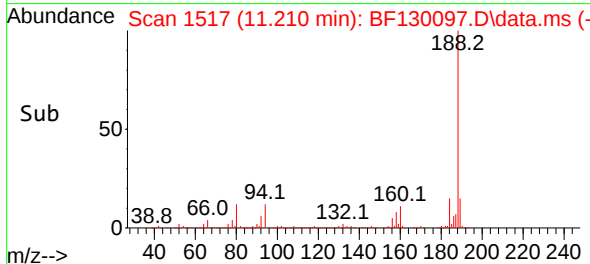
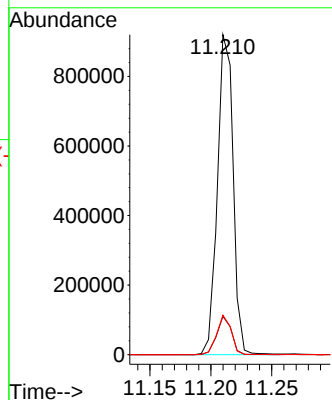
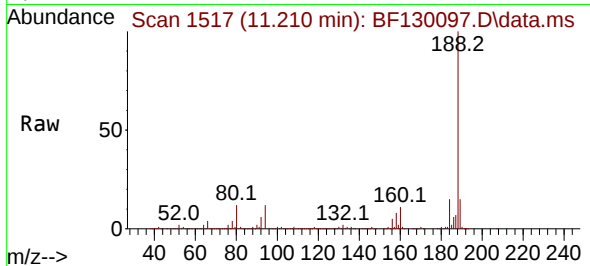




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130097.D
Acq: 02 Sep 2022 01:39

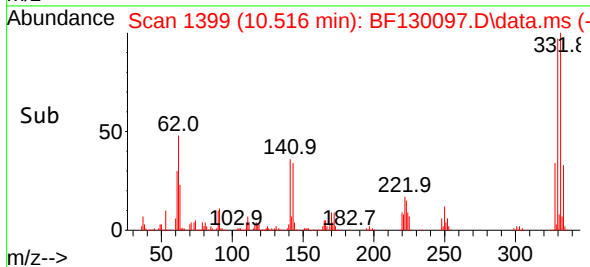
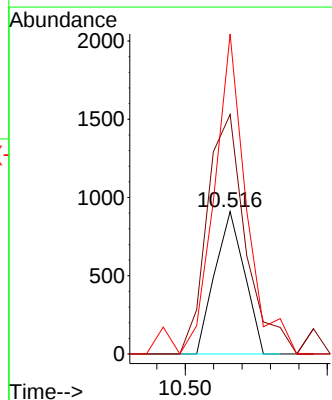
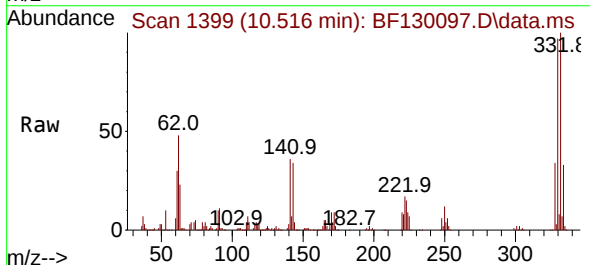
Instrument :
BNA_F
ClientSampleId :
WC-1

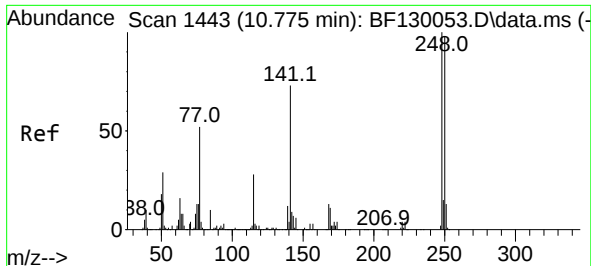
Tgt Ion:188 Resp: 825852
Ion Ratio Lower Upper
188 100
94 12.0 7.4 11.2#
80 12.4 7.9 11.9#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.228 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.177 min
Lab File: BF130097.D
Acq: 02 Sep 2022 01:39

Tgt Ion:198 Resp: 659
Ion Ratio Lower Upper
198 100
51 168.2 29.4 69.4#
105 224.7 29.2 69.2#

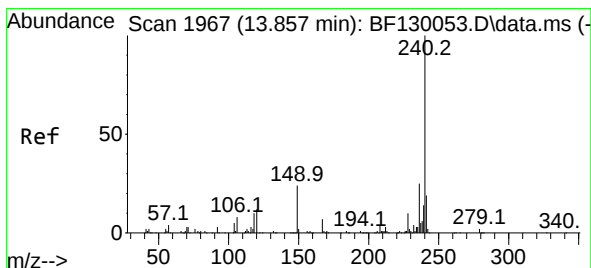
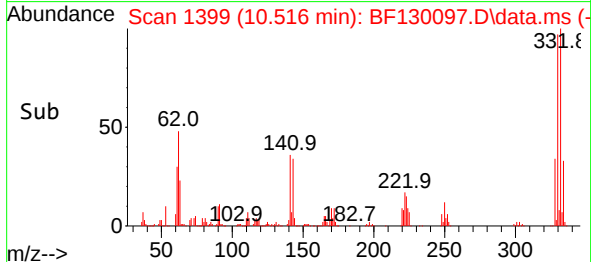
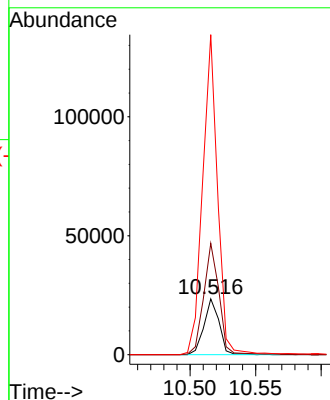
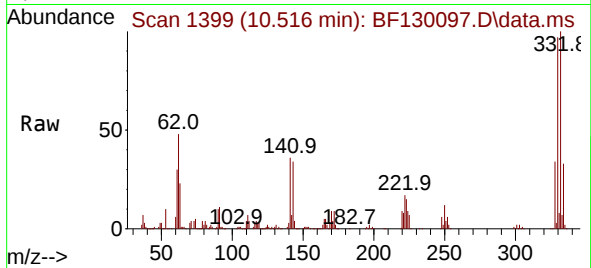




#67
4-Bromophenyl-phenylether
Concen: 2.063 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.259 min
Lab File: BF130097.D
Acq: 02 Sep 2022 01:39

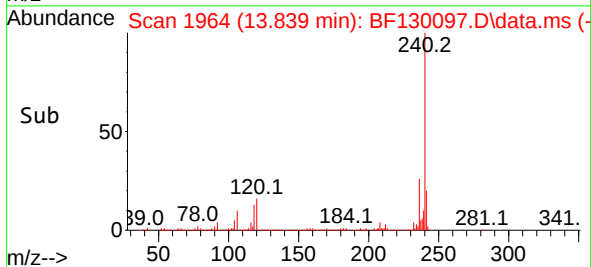
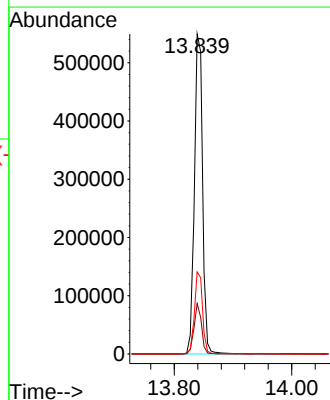
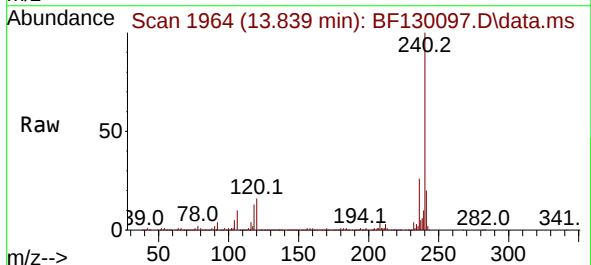
Instrument :
BNA_F
ClientSampleId :
WC-1

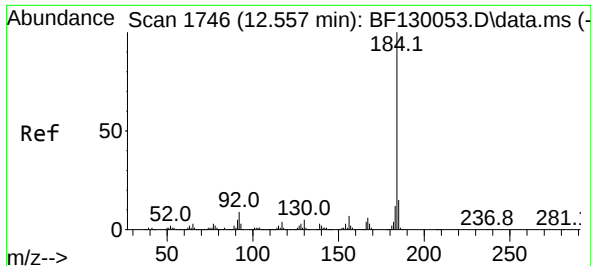
Tgt Ion:248 Resp: 18951
Ion Ratio Lower Upper
248 100
250 199.5 77.8 116.6#
141 573.3 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130097.D
Acq: 02 Sep 2022 01:39

Tgt Ion:240 Resp: 532962
Ion Ratio Lower Upper
240 100
120 15.8 9.2 13.8#
236 25.7 20.7 31.1

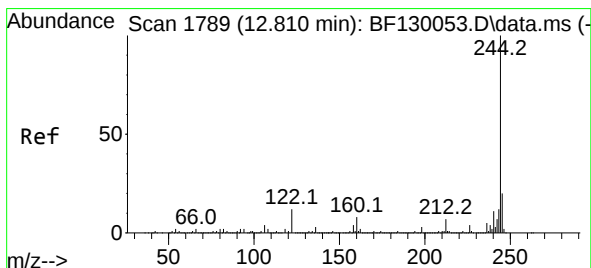
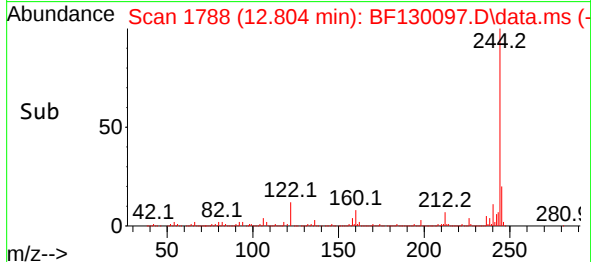
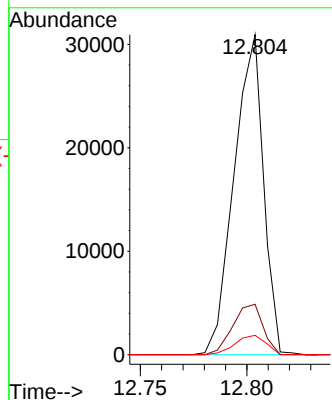
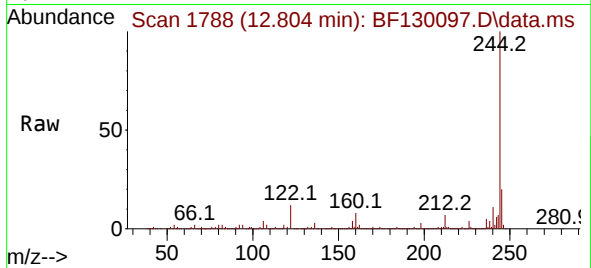




#77
Benzidine
Concen: 2.062 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130097.D
Acq: 02 Sep 2022 01:39

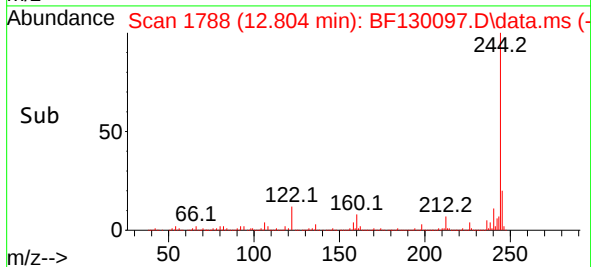
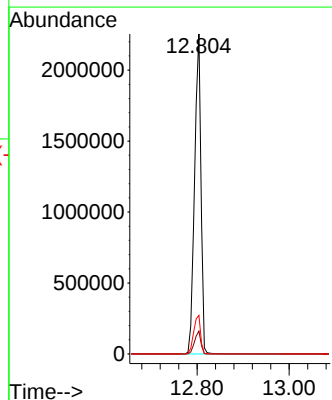
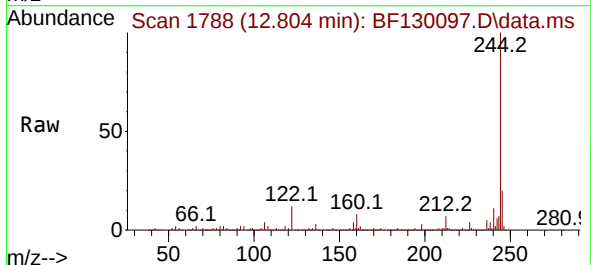
Instrument :
BNA_F
ClientSampleId :
WC-1

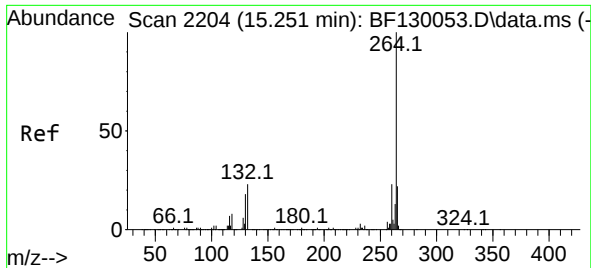
Tgt Ion:184 Resp: 29670
Ion Ratio Lower Upper
184 100
185 15.8 11.4 17.2
183 6.1 9.4 14.2#



#79
Terphenyl-d14
Concen: 70.173 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130097.D
Acq: 02 Sep 2022 01:39

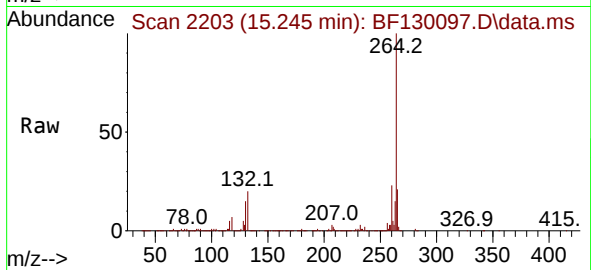
Tgt Ion:244 Resp: 2156671
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 12.0 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.245 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130097.D
Acq: 02 Sep 2022 01:39

Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:264 Resp: 437735
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 21.1 16.7 25.1

