

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
 Data File : BF123898.D
 Acq On : 10 May 2021 22:39
 Operator : JU/CG
 Sample : M2322-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20210505

Quant Time: May 11 03:38:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 10 16:46:01 2021
 Response via : Initial Calibration

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

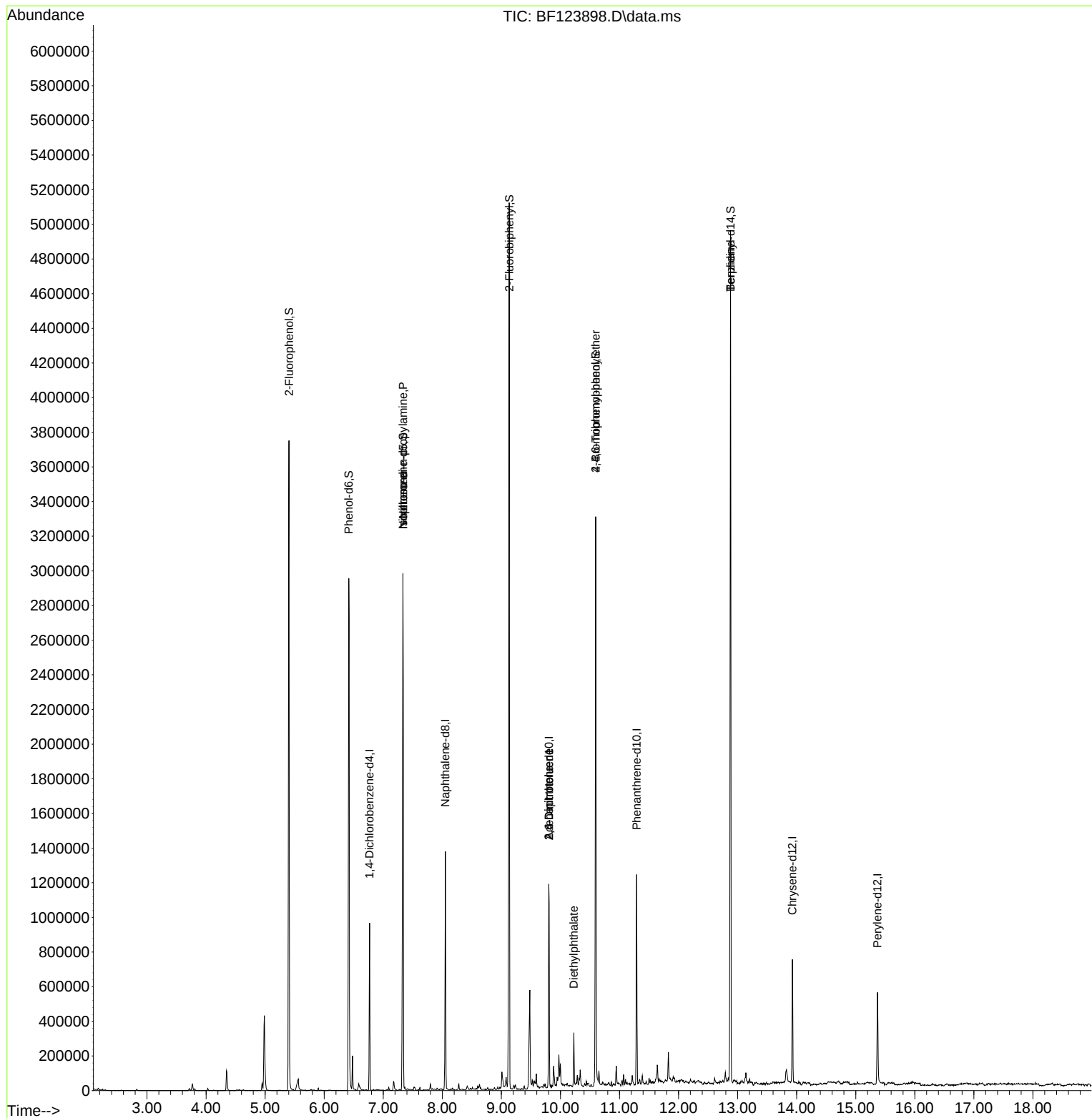
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	113333	20.00	ng	0.00
21) Naphthalene-d8	8.051	136	479437	20.00	ng	0.00
39) Acenaphthene-d10	9.804	164	231874	20.00	ng	0.00
64) Phenanthrene-d10	11.292	188	389037	20.00	ng	# 0.00
76) Chrysene-d12	13.927	240	242621	20.00	ng	# 0.00
86) Perylene-d12	15.368	264	224798	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	781694	100.73	ng	0.01
7) Phenol-d6	6.416	99	901637	87.05	ng	0.00
23) Nitrobenzene-d5	7.333	82	965568	83.60	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	386402	113.13	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1331332	71.65	ng	0.00
79) Terphenyl-d14	12.880	244	1599934	107.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.333	70	138190	21.79	ng	# 81
25) Isophorone	7.333	82	965560	48.58	ng	# 69
51) 2,6-Dinitrotoluene	9.804	165	30417	7.67	ng	# 12
57) 2,4-Dinitrotoluene	9.804	165	30417	5.57	ng	# 18
60) Diethylphthalate	10.227	149	89243	4.92	ng	99
67) 4-Bromophenyl-phenylether	10.598	248	19739	4.74	ng	# 1
77) Benzidine	12.880	184	24025	4.73	ng	# 96

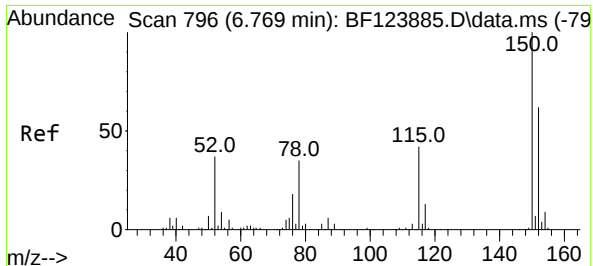
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
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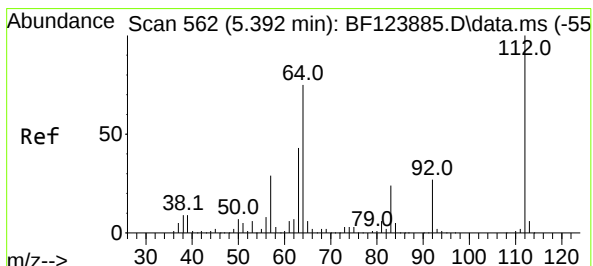
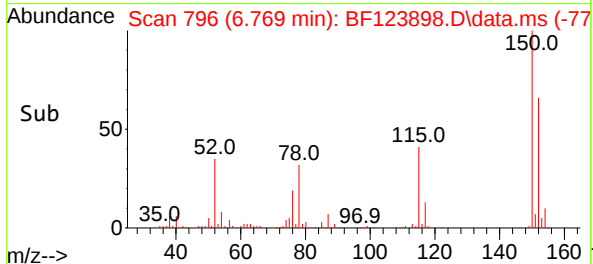
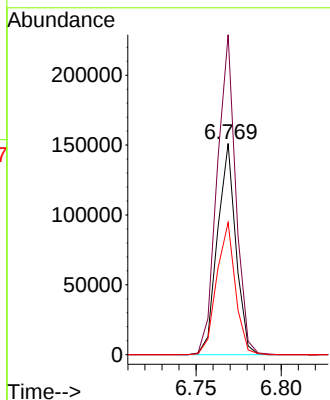
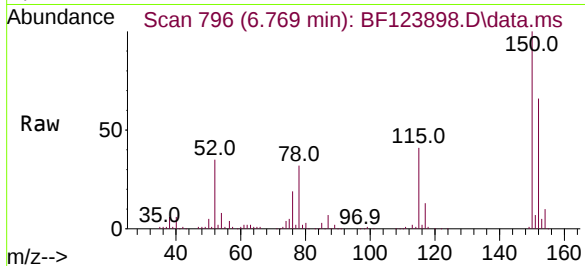




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.769 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF123898.D
Acq: 10 May 2021 22:39

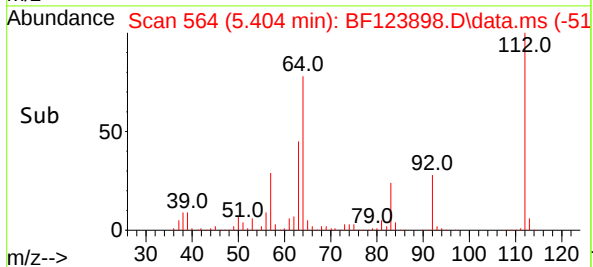
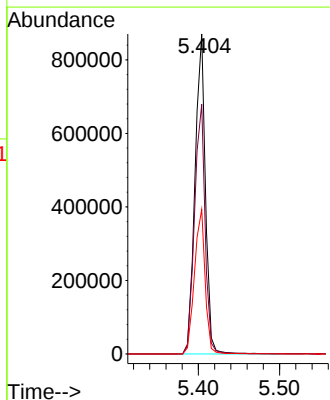
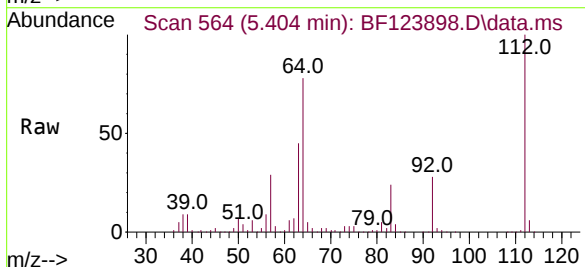
Instrument :
BNA_F
ClientSampleId :
WC-20210505

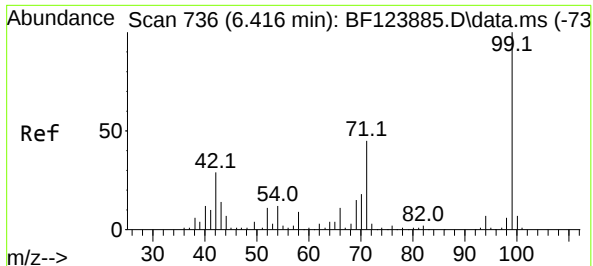
Tgt Ion:152 Resp: 113333
Ion Ratio Lower Upper
152 100
150 151.5 127.0 190.6
115 62.6 54.3 81.5



#5
2-Fluorophenol
Concen: 100.73 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF123898.D
Acq: 10 May 2021 22:39

Tgt Ion:112 Resp: 781694
Ion Ratio Lower Upper
112 100
64 78.0 61.4 92.0
63 45.1 33.0 49.4

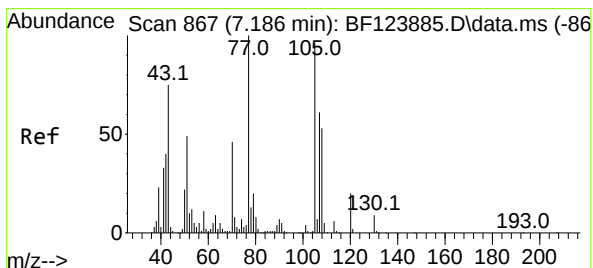
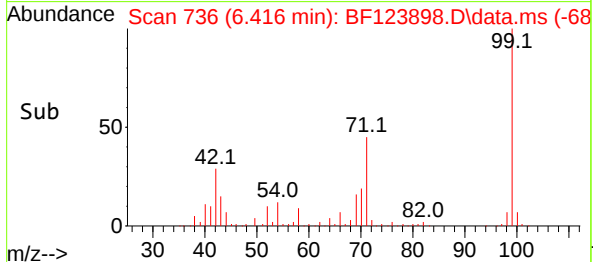
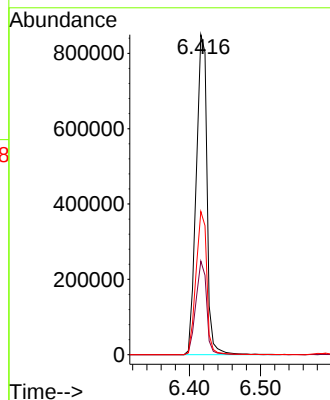
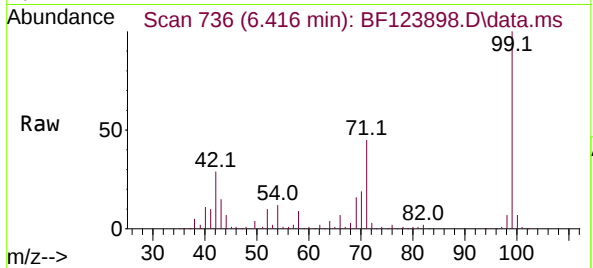




#7
Phenol-d6
Concen: 87.05 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF123898.D
Acq: 10 May 2021 22:39

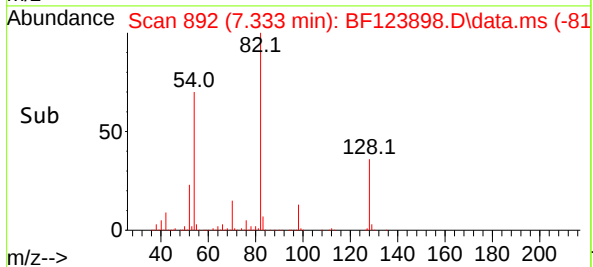
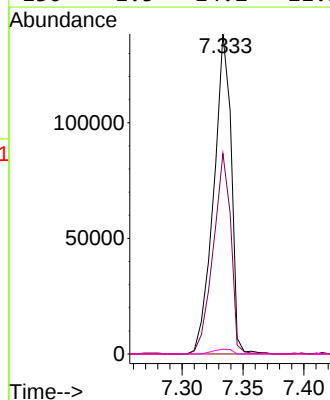
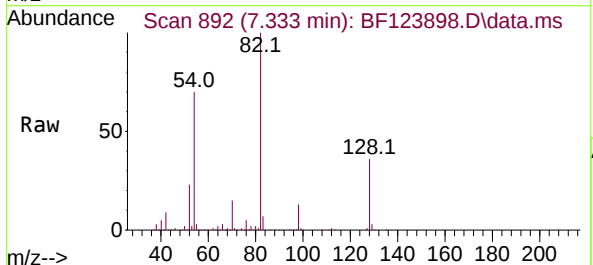
Instrument :
BNA_F
ClientSampleId :
WC-20210505

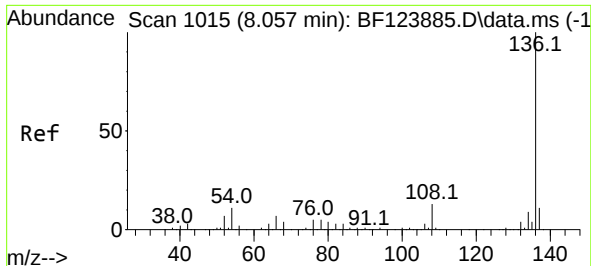
Tgt Ion: 99 Resp: 901637
Ion Ratio Lower Upper
99 100
42 29.2 19.8 29.8
71 44.8 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 21.79 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF123898.D
Acq: 10 May 2021 22:39

Tgt Ion: 70 Resp: 138190
Ion Ratio Lower Upper
70 100
42 62.7 60.1 90.1
101 0.0 7.4 11.2#
130 1.5 14.2 21.2#

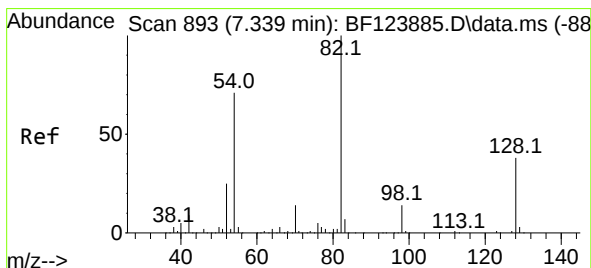
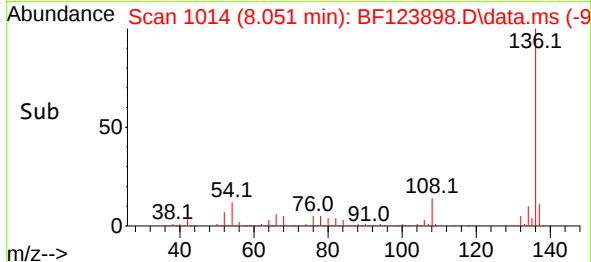
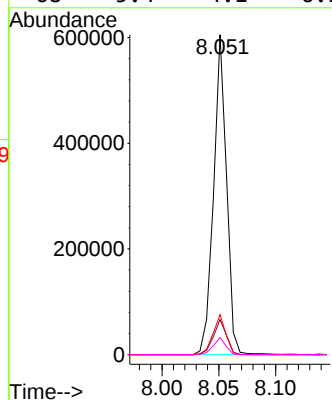
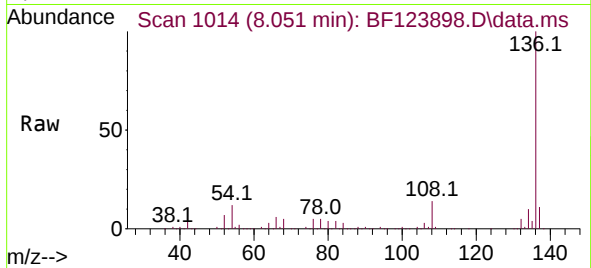




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF123898.D
Acq: 10 May 2021 22:39

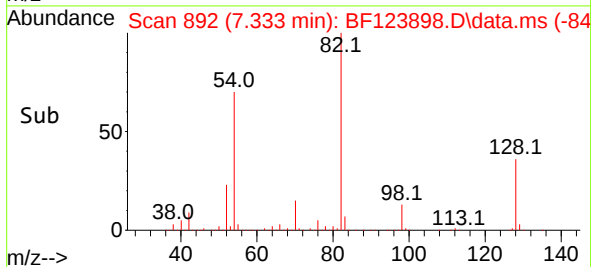
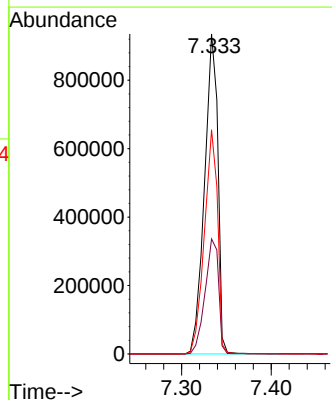
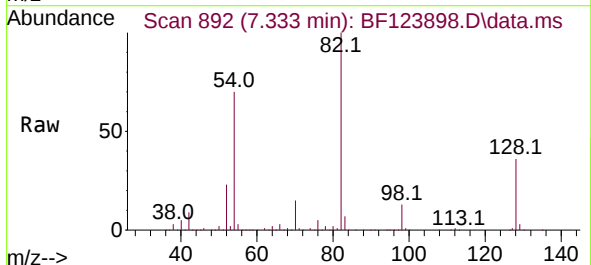
Instrument :
BNA_F
ClientSampleId :
WC-20210505

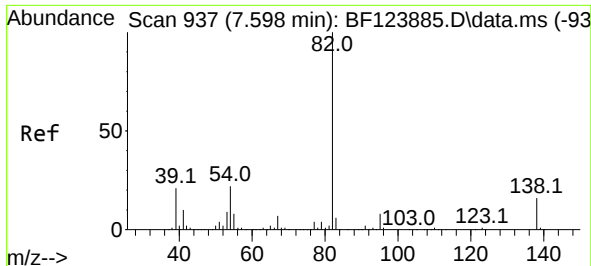
Tgt Ion:136	Resp: 479437
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 12.5	9.8 14.6
68 5.4	4.1 6.1



#23
Nitrobenzene-d5
Concen: 83.60 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF123898.D
Acq: 10 May 2021 22:39

Tgt Ion: 82	Resp: 965568
Ion Ratio	Lower Upper
82 100	
128 36.0	29.4 44.2
54 70.0	54.1 81.1

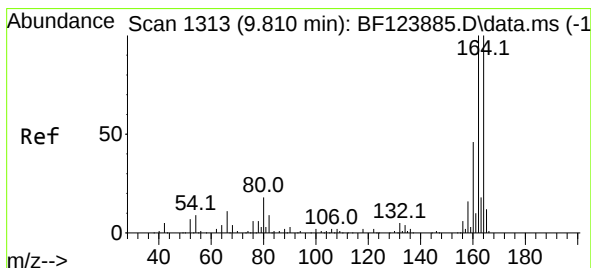
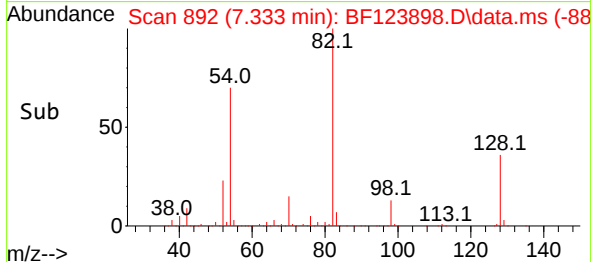
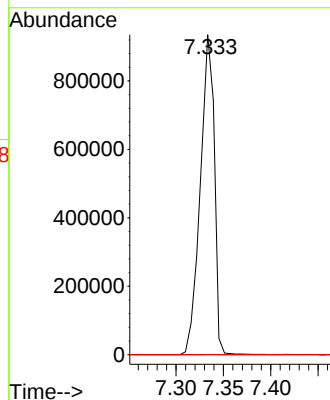
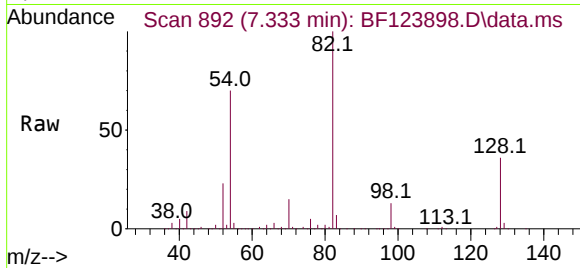




#25
Isophorone
Concen: 48.58 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF123898.D
Acq: 10 May 2021 22:39

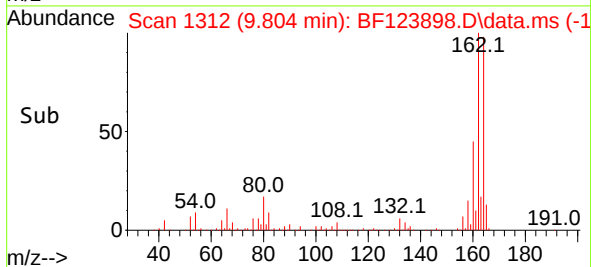
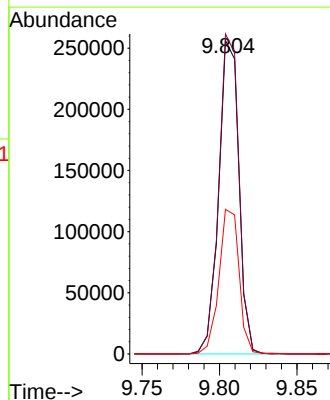
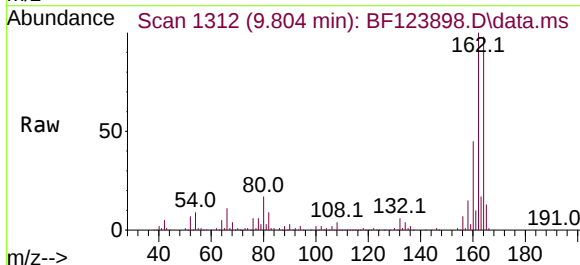
Instrument :
BNA_F
ClientSampleId :
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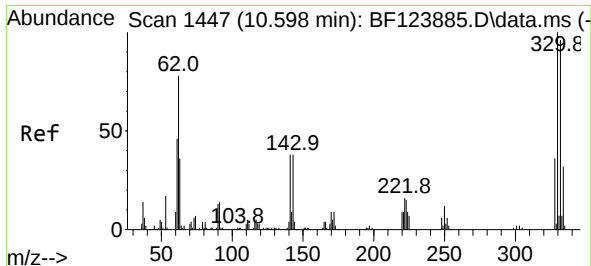
Tgt Ion: 82 Resp: 965560
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF123898.D
Acq: 10 May 2021 22:39

Tgt Ion: 164 Resp: 231874
Ion Ratio Lower Upper
164 100
162 102.1 80.7 121.1
160 46.1 37.3 55.9

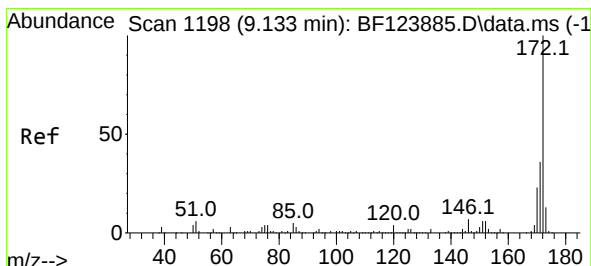
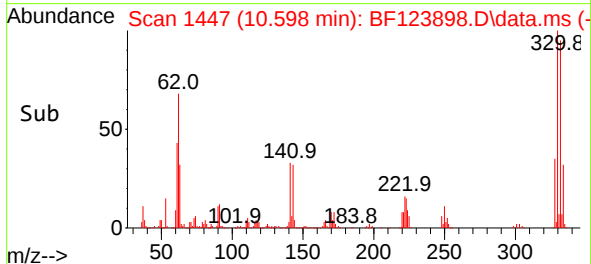
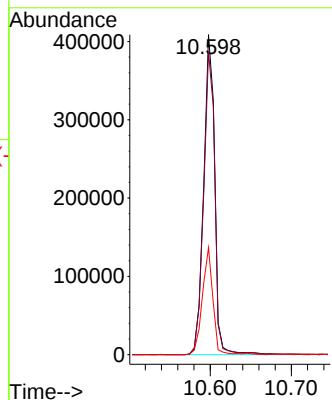
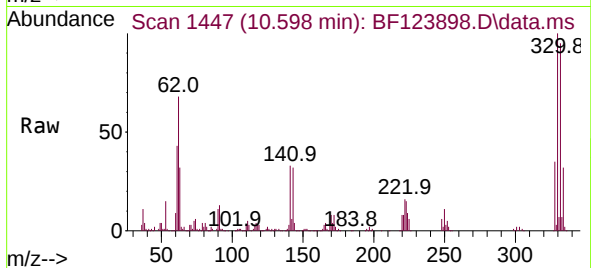




#42
2,4,6-Tribromophenol
Concen: 113.13 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF123898.D
Acq: 10 May 2021 22:39

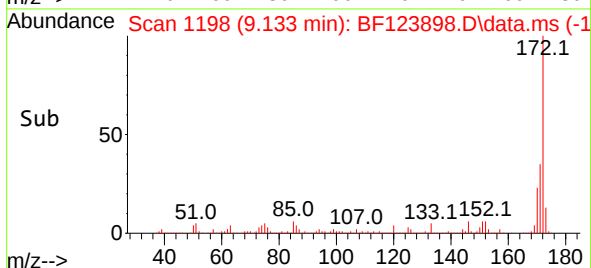
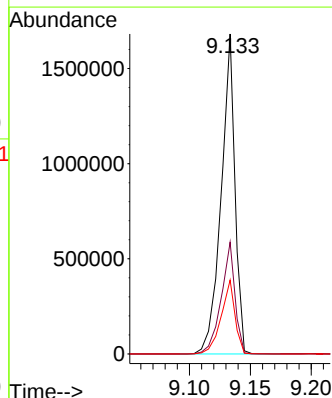
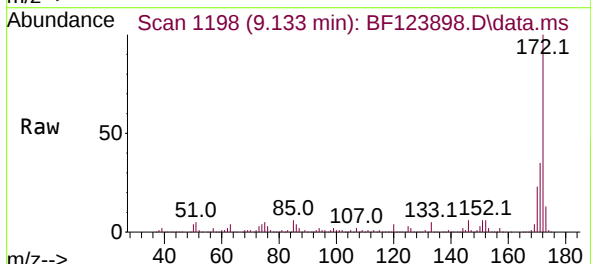
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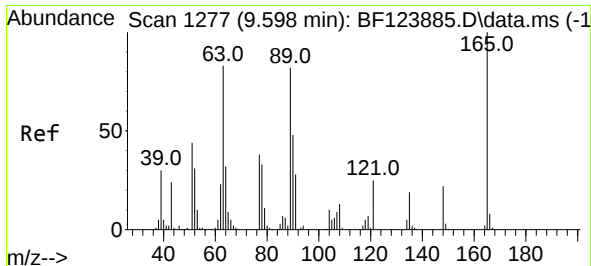
Tgt Ion: 330 Resp: 386402
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 31.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 71.65 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF123898.D
Acq: 10 May 2021 22:39

Tgt Ion: 172 Resp: 1331332
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.1 19.2 28.8

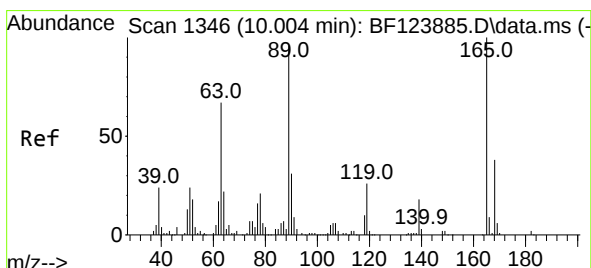
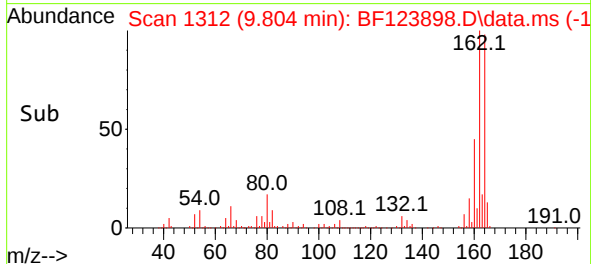
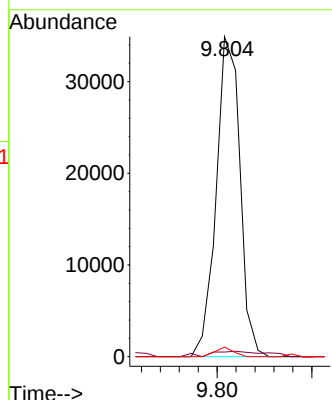
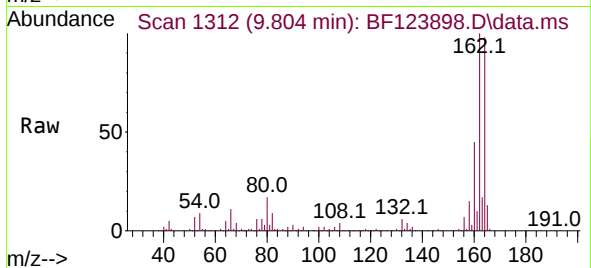




#51
2,6-Dinitrotoluene
Concen: 7.67 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.206 min
Lab File: BF123898.D
Acq: 10 May 2021 22:39

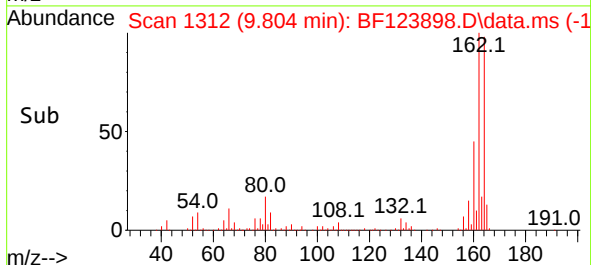
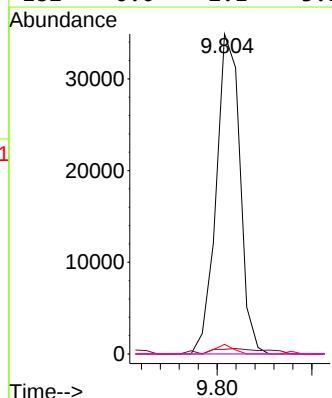
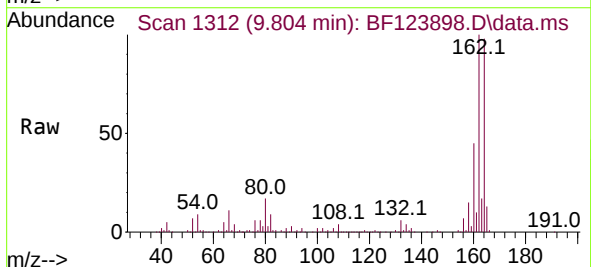
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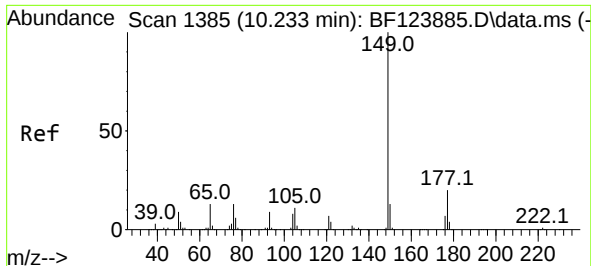
Tgt Ion:165 Resp: 30417
Ion Ratio Lower Upper
165 100
63 1.5 67.7 101.5#
89 3.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.57 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.200 min
Lab File: BF123898.D
Acq: 10 May 2021 22:39

Tgt Ion:165 Resp: 30417
Ion Ratio Lower Upper
165 100
63 1.5 43.5 65.3#
89 3.0 67.7 101.5#
182 0.0 2.1 3.1#

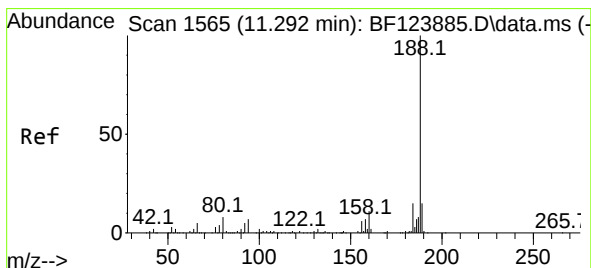
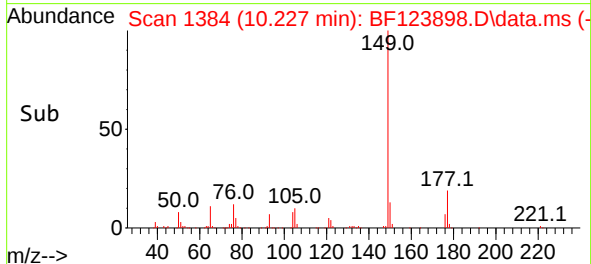
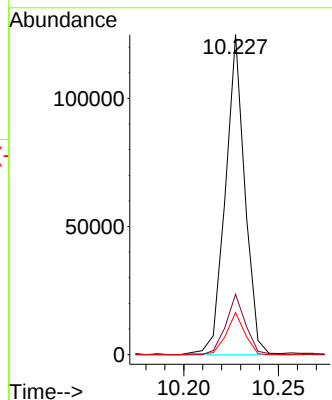
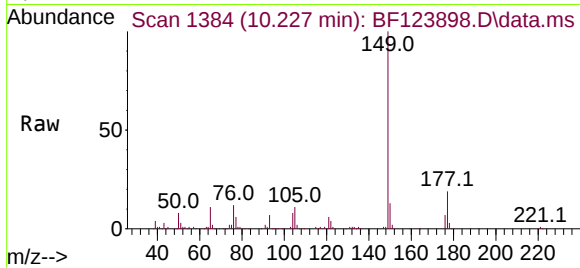




#60
Diethylphthalate
Concen: 4.92 ng
RT: 10.227 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF123898.D
Acq: 10 May 2021 22:39

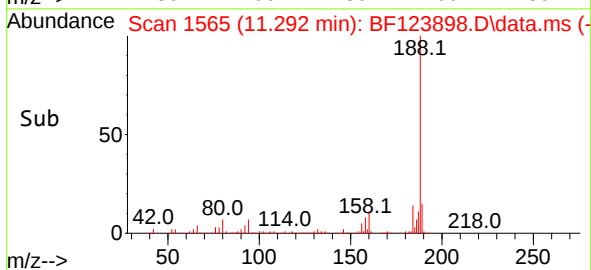
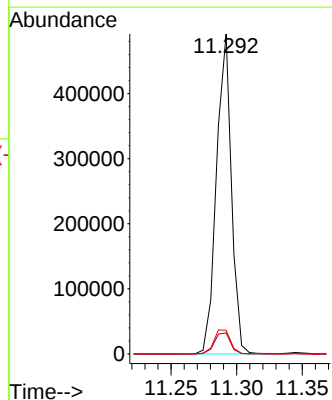
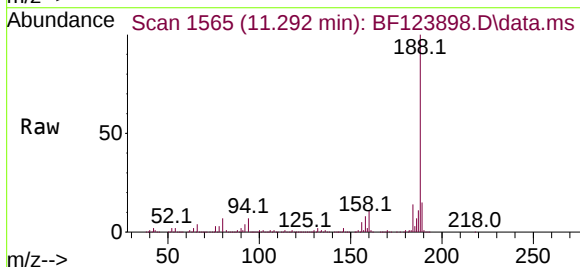
Instrument :
BNA_F
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WC-20210505

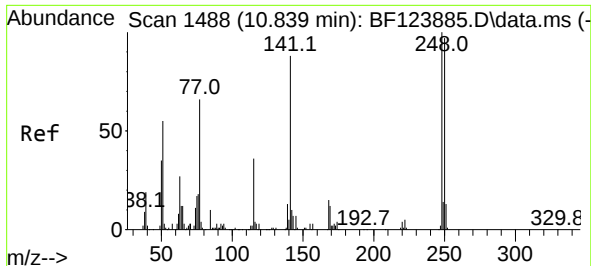
Tgt Ion:149 Resp: 89243
Ion Ratio Lower Upper
149 100
177 18.9 15.4 23.2
150 13.1 9.9 14.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.292 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BF123898.D
Acq: 10 May 2021 22:39

Tgt Ion:188 Resp: 389037
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 7.4 8.2 12.2#

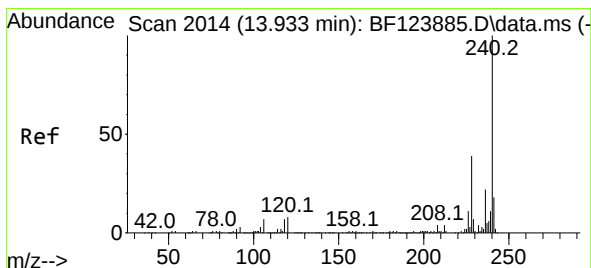
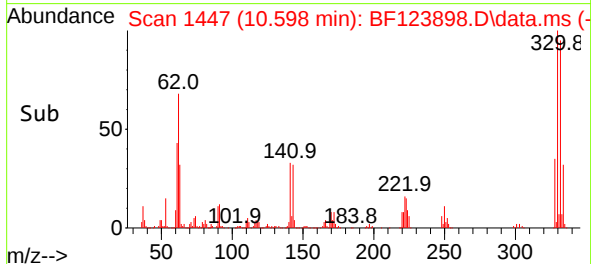
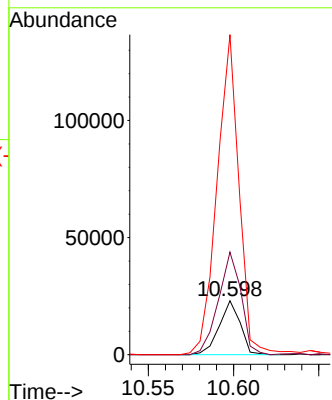
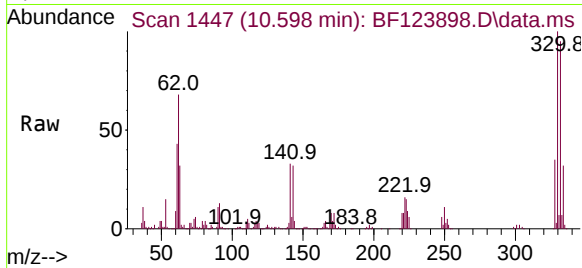




#67
4-Bromophenyl-phenylether
Concen: 4.74 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.241 min
Lab File: BF123898.D
Acq: 10 May 2021 22:39

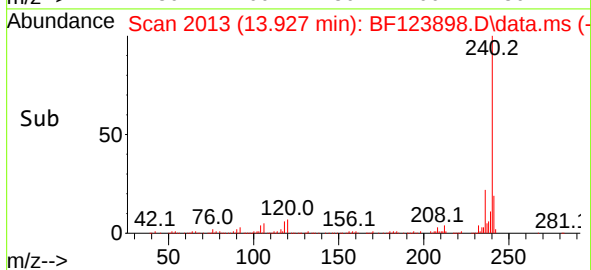
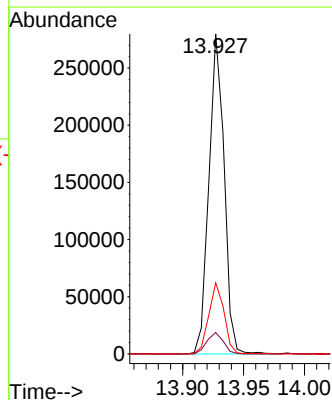
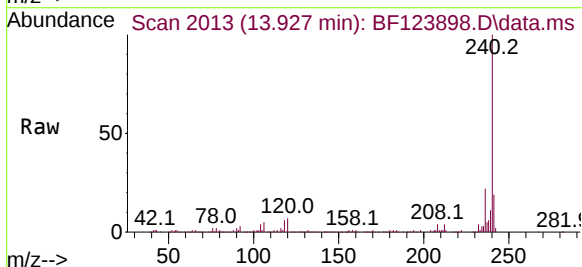
Instrument :
BNA_F
ClientSampleId :
WC-20210505

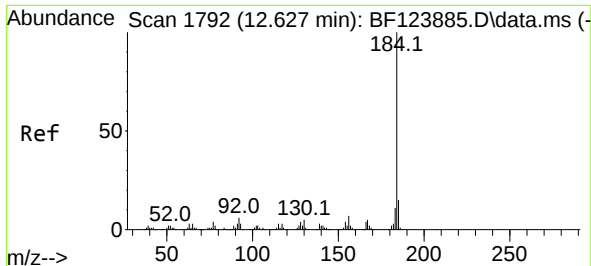
Tgt Ion:248 Resp: 19739
Ion Ratio Lower Upper
248 100
250 190.0 77.4 116.2#
141 592.6 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF123898.D
Acq: 10 May 2021 22:39

Tgt Ion:240 Resp: 242621
Ion Ratio Lower Upper
240 100
120 6.7 7.2 10.8#
236 22.3 19.0 28.4

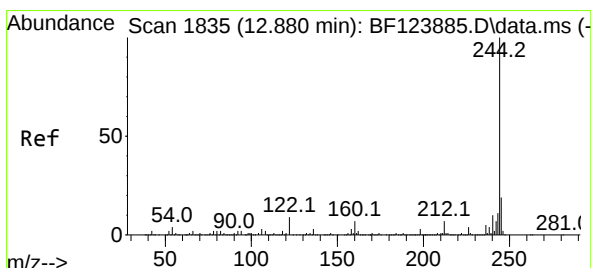
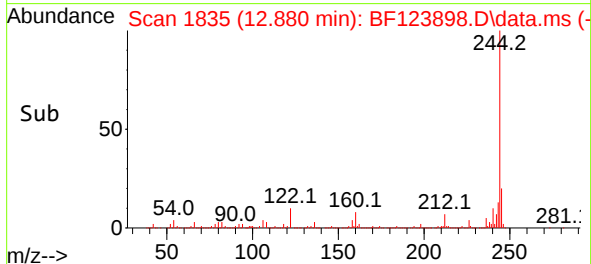
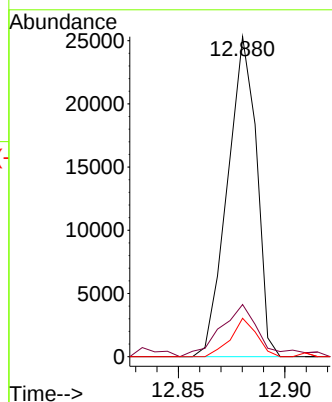
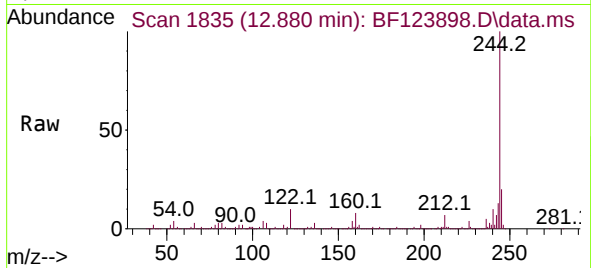




#77
Benzidine
Concen: 4.73 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.253 min
Lab File: BF123898.D
Acq: 10 May 2021 22:39

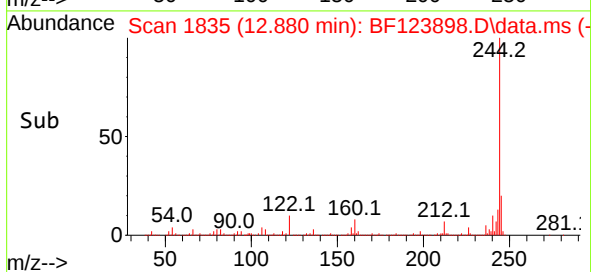
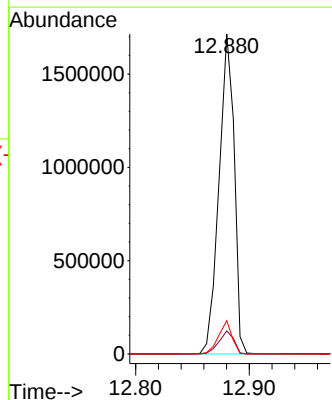
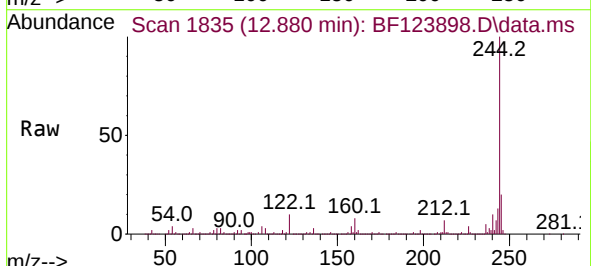
Instrument :
BNA_F
ClientSampleId :
WC-20210505

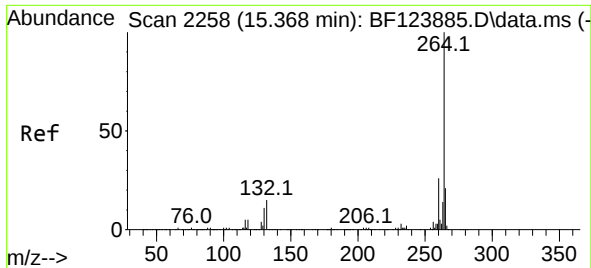
Tgt Ion:184 Resp: 24025
Ion Ratio Lower Upper
184 100
185 16.3 12.1 18.1
183 12.0 7.8 11.8#



#79
Terphenyl-d14
Concen: 107.77 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BF123898.D
Acq: 10 May 2021 22:39

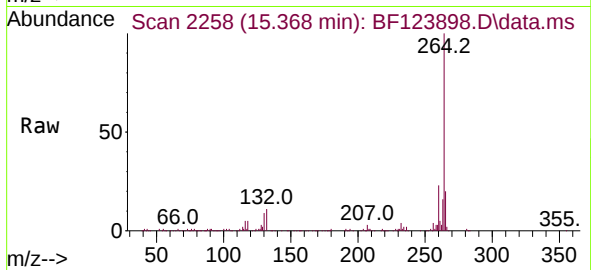
Tgt Ion:244 Resp: 1599934
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.4 9.7 14.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.368 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BF123898.D
Acq: 10 May 2021 22:39

Instrument :
BNA_F
ClientSampleId :
WC-20210505



Tgt Ion:264 Resp: 224798

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	20.3	17.8	26.8

