

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133910.D
 Acq On : 22 Jun 2023 20:04
 Operator : CG\JU
 Sample : 03320-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-10

Quant Time: Jun 23 05:04:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

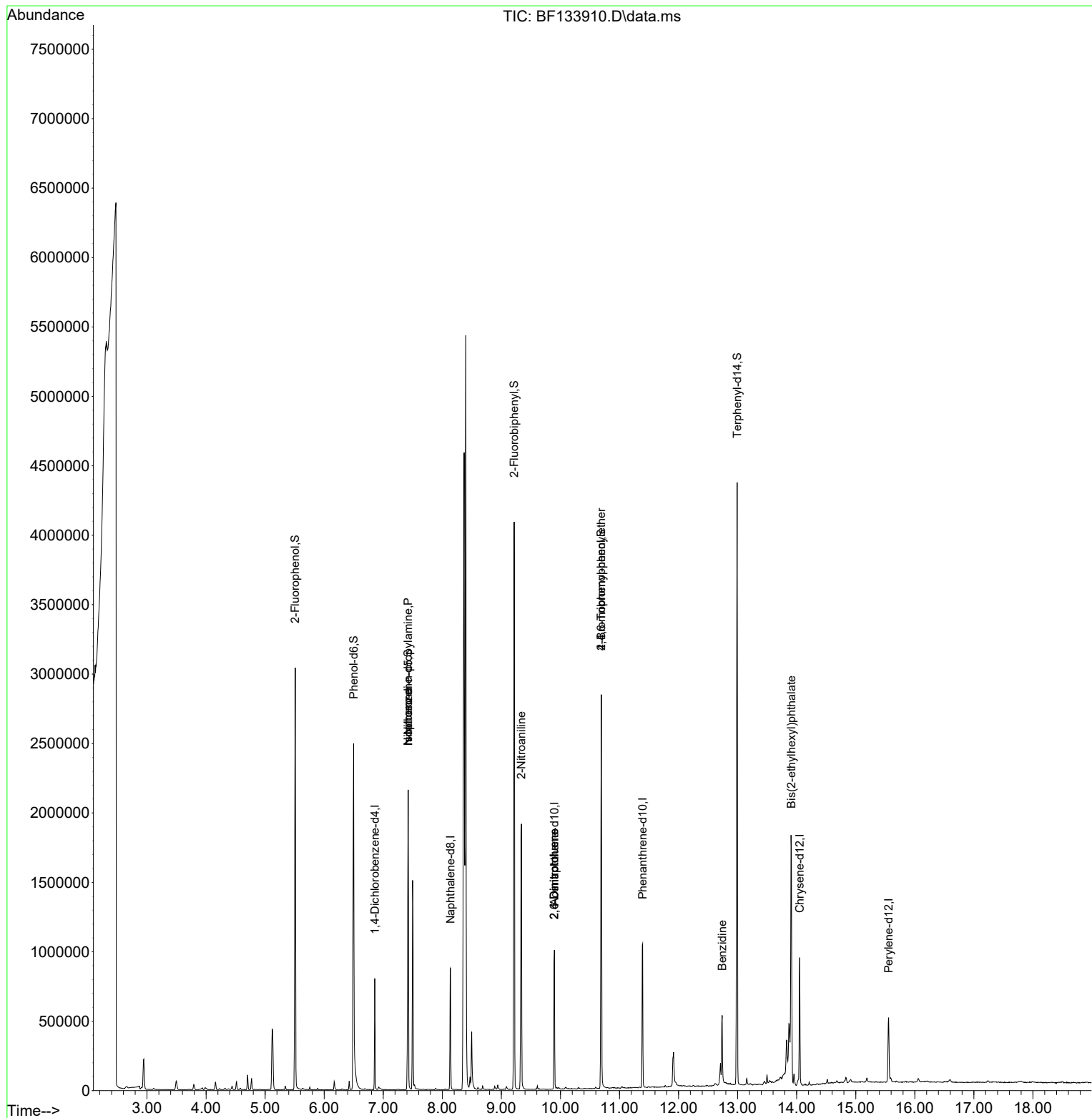
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	102744	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	400448	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	199389	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	401051	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	296190	20.000	ng	0.00
86) Perylene-d12	15.557	264	233975	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	785621	133.116	ng	0.02
7) Phenol-d6	6.498	99	930043	121.066	ng	0.00
23) Nitrobenzene-d5	7.422	82	713736	97.078	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	352915	139.829	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1249855	89.107	ng	0.00
79) Terphenyl-d14	12.992	244	1616299	84.438	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	101787	20.825	ng	# 78
25) Isophorone	7.422	82	710840	52.664	ng	# 65
48) 2-Nitroaniline	9.339	65	22155	5.252	ng	# 14
51) 2,6-Dinitrotoluene	9.892	165	25963	8.452	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	25963	6.645	ng	# 20
67) 4-Bromophenyl-phenylether	10.692	248	22353	4.994	ng	# 1
77) Benzidine	12.739	184	193645	19.483	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	742141	51.745	ng	# 53

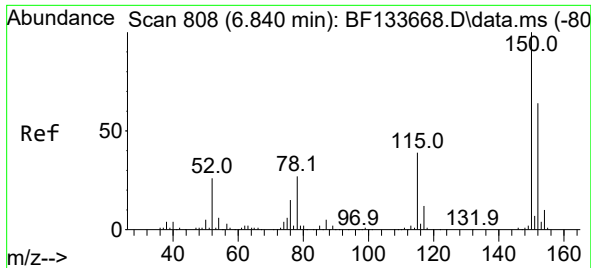
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
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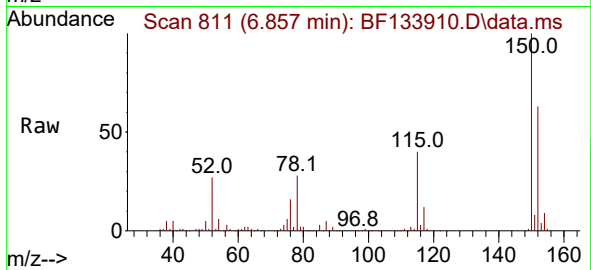
Quant Time: Jun 23 05:04:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
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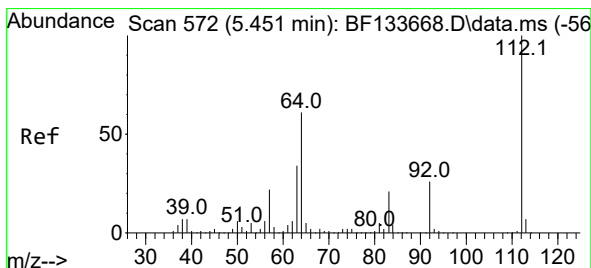
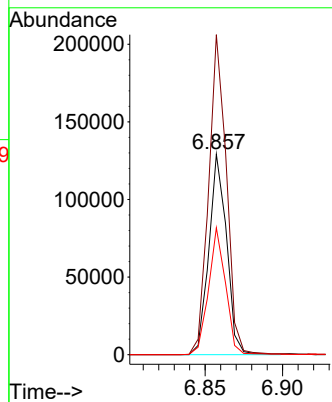
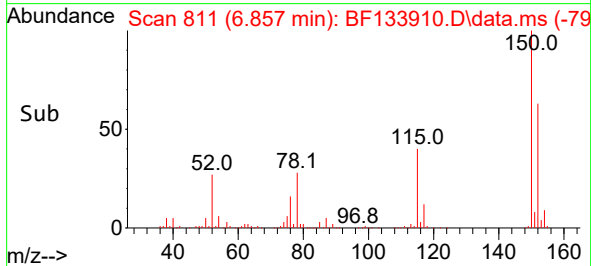


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133910.D
Acq: 22 Jun 2023 20:04

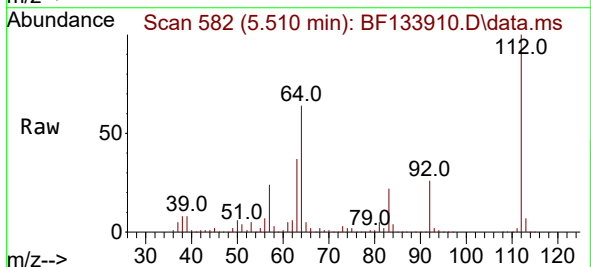
Instrument :
BNA_F
ClientSampleId :
WC-10



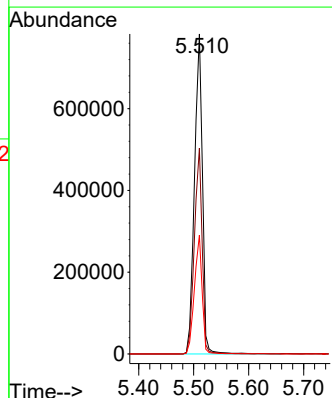
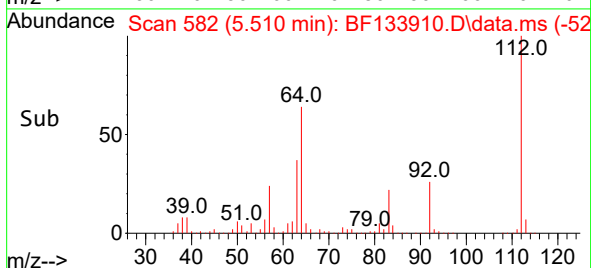
Tgt Ion:152 Resp: 102744
Ion Ratio Lower Upper
152 100
150 159.7 124.3 186.5
115 63.3 48.5 72.7

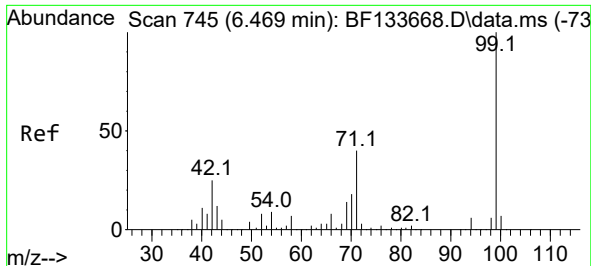


#5
2-Fluorophenol
Concen: 133.116 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF133910.D
Acq: 22 Jun 2023 20:04



Tgt Ion:112 Resp: 785621
Ion Ratio Lower Upper
112 100
64 64.3 49.0 73.4
63 37.2 26.8 40.2

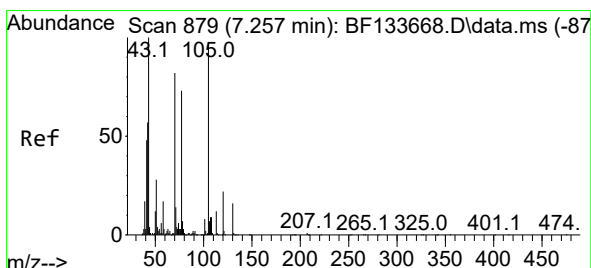
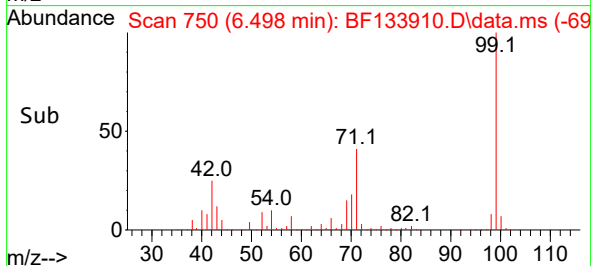
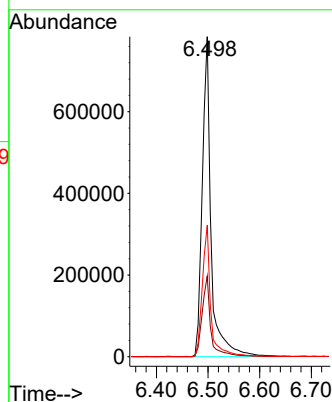
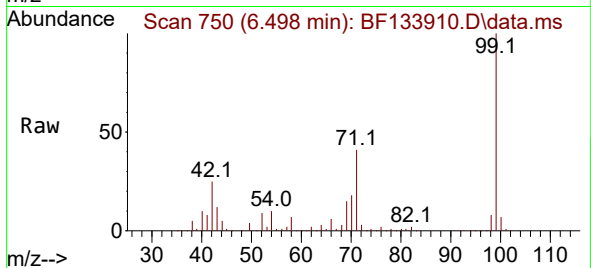




#7
Phenol-d6
Concen: 121.066 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133910.D
Acq: 22 Jun 2023 20:04

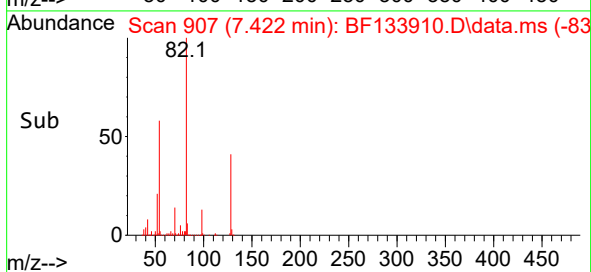
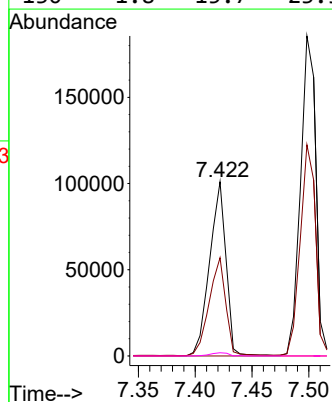
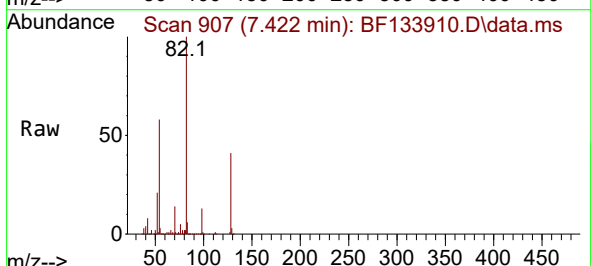
Instrument :
BNA_F
ClientSampleId :
WC-10

Tgt Ion: 99 Resp: 930043
Ion Ratio Lower Upper
99 100
42 25.2 19.9 29.9
71 41.1 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.825 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133910.D
Acq: 22 Jun 2023 20:04

Tgt Ion: 70 Resp: 101787
Ion Ratio Lower Upper
70 100
42 56.4 55.8 83.8
101 0.0 8.1 12.1#
130 1.8 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF133910.D

Acq: 22 Jun 2023 20:04

Instrument :

BNA_F

ClientSampleId :

WC-10

Tgt Ion:136 Resp: 400448

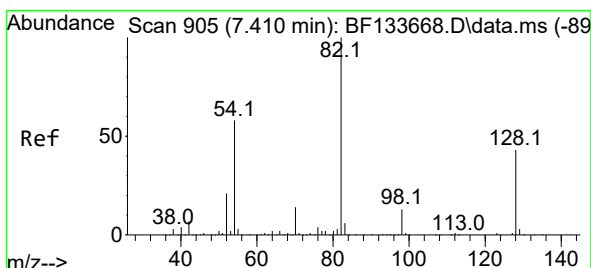
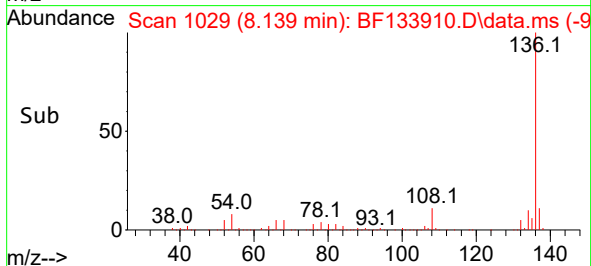
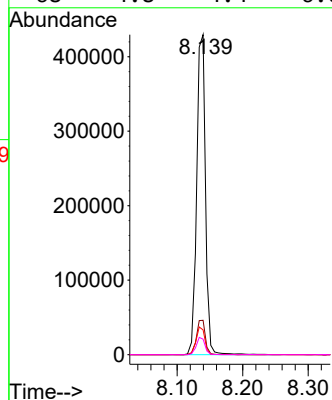
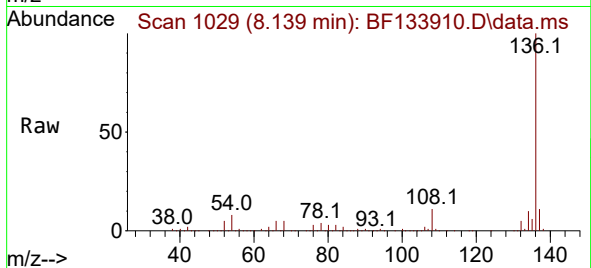
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.8 7.4 11.0

68 4.8 4.4 6.6



#23

Nitrobenzene-d5

Concen: 97.078 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF133910.D

Acq: 22 Jun 2023 20:04

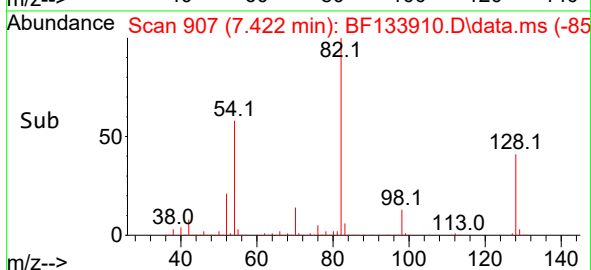
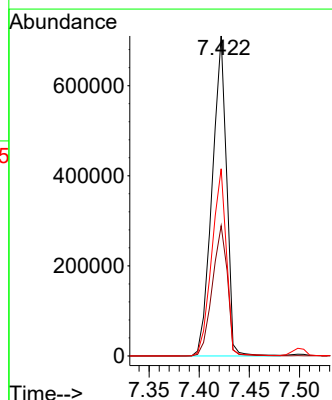
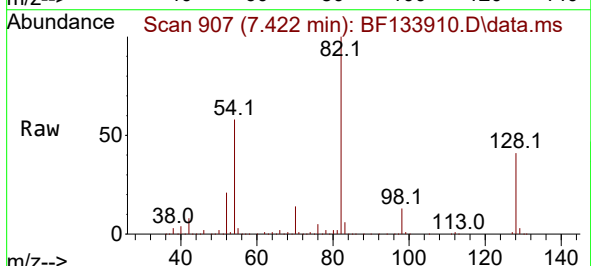
Tgt Ion: 82 Resp: 713736

Ion Ratio Lower Upper

82 100

128 40.7 34.2 51.2

54 58.5 46.5 69.7

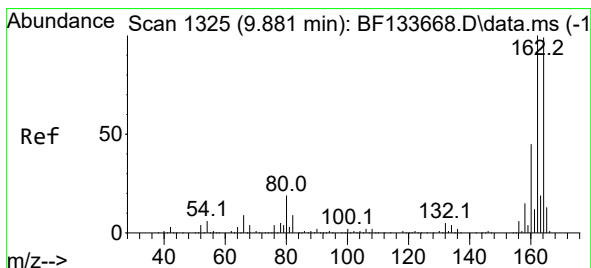
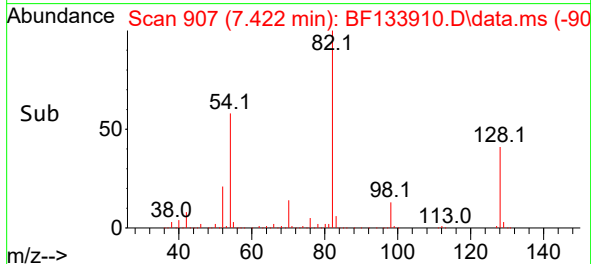
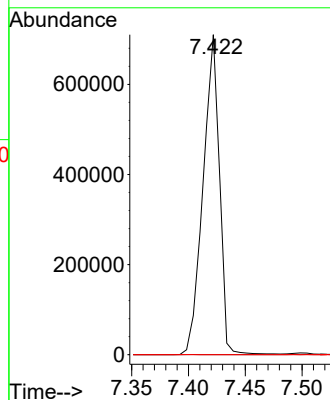
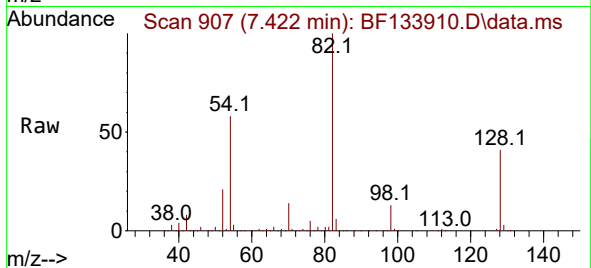




#25
Isophorone
Concen: 52.664 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133910.D
Acq: 22 Jun 2023 20:04

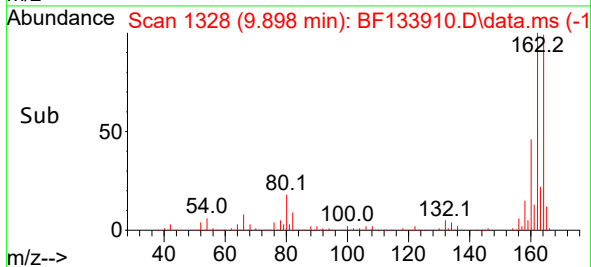
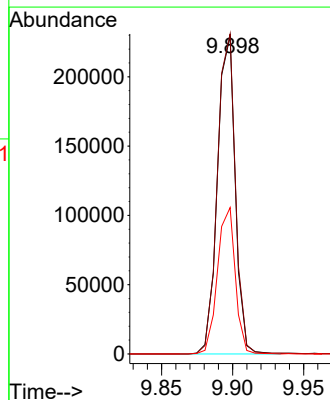
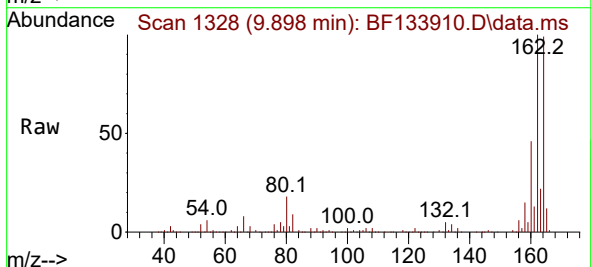
Instrument :
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WC-10

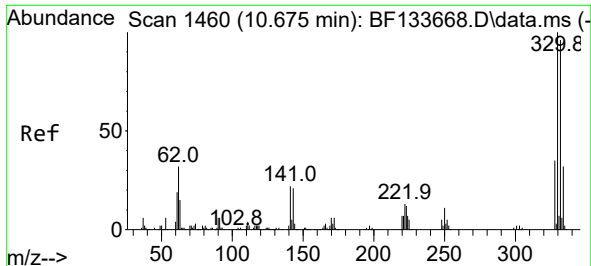
Tgt Ion: 82 Resp: 710840
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133910.D
Acq: 22 Jun 2023 20:04

Tgt Ion:164 Resp: 199389
Ion Ratio Lower Upper
164 100
162 100.7 80.8 121.2
160 46.1 36.7 55.1

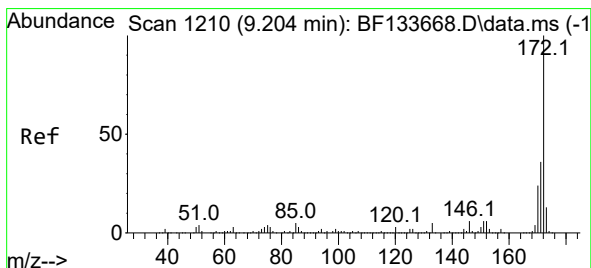
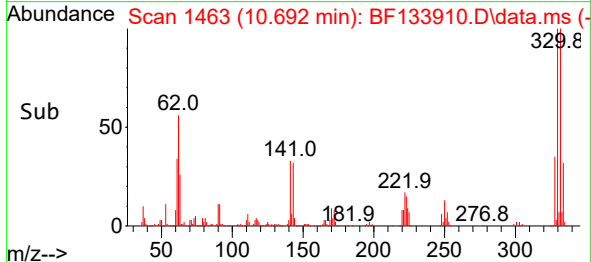
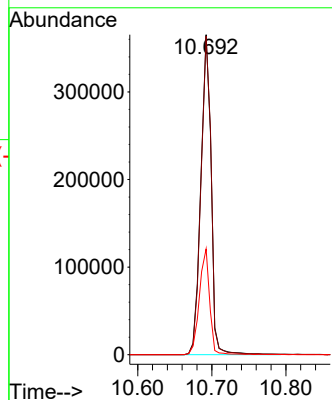
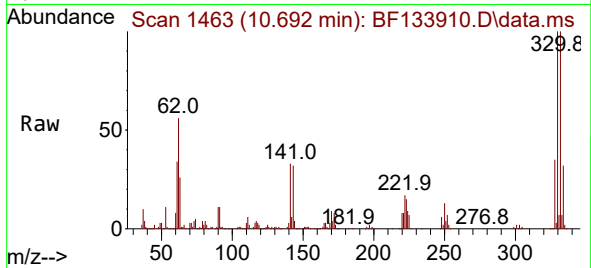




#42
2,4,6-Tribromophenol
Concen: 139.829 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF133910.D
Acq: 22 Jun 2023 20:04

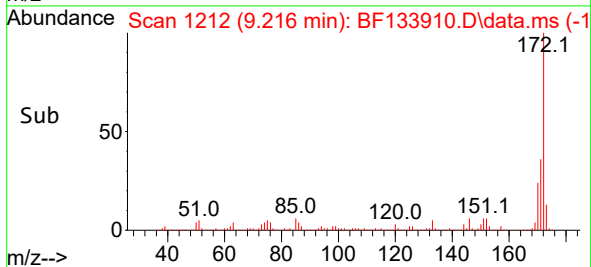
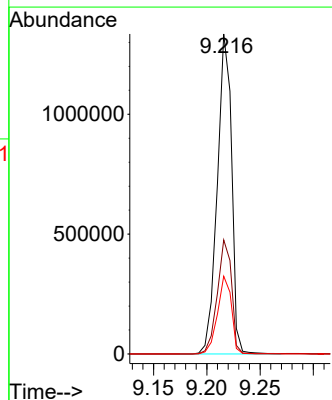
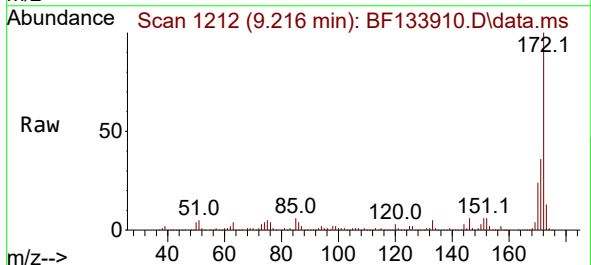
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BNA_F
ClientSampleId :
WC-10

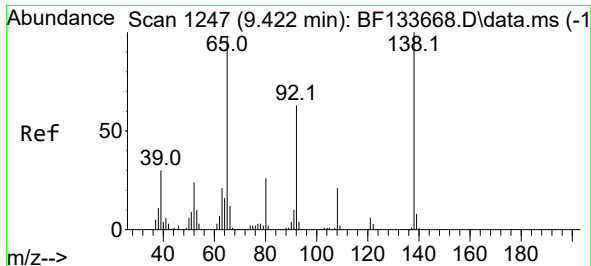
Tgt Ion:330 Resp: 352915
Ion Ratio Lower Upper
330 100
332 98.5 77.2 115.8
141 33.1 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 89.107 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF133910.D
Acq: 22 Jun 2023 20:04

Tgt Ion:172 Resp: 1249855
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.3 19.1 28.7

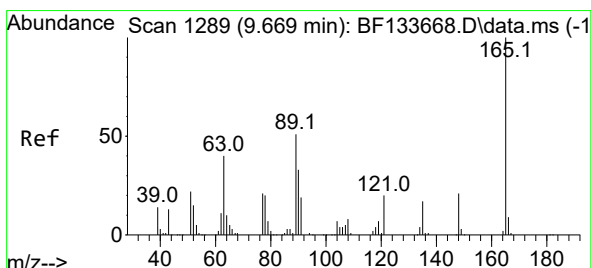
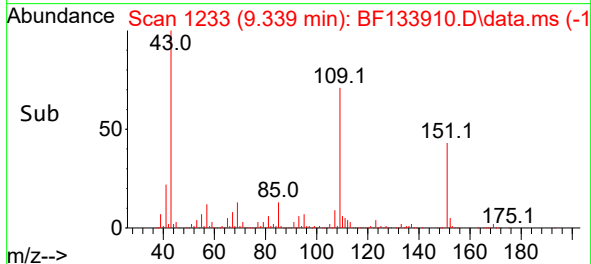
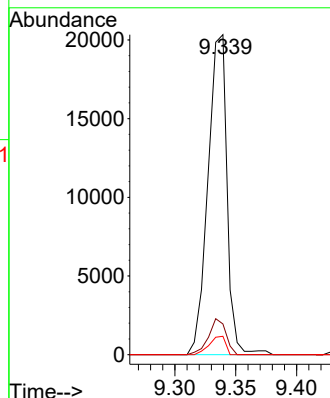
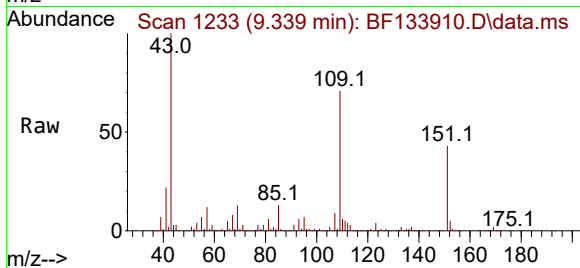




#48
2-Nitroaniline
Concen: 5.252 ng
RT: 9.339 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF133910.D
Acq: 22 Jun 2023 20:04

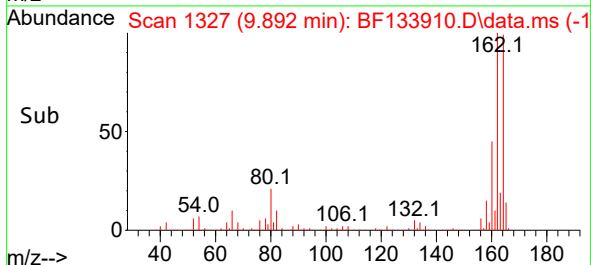
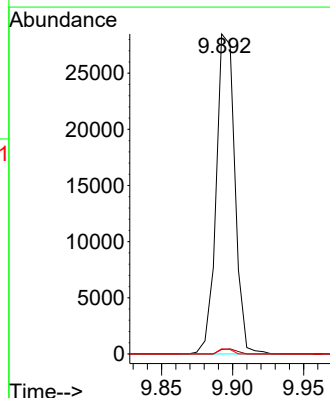
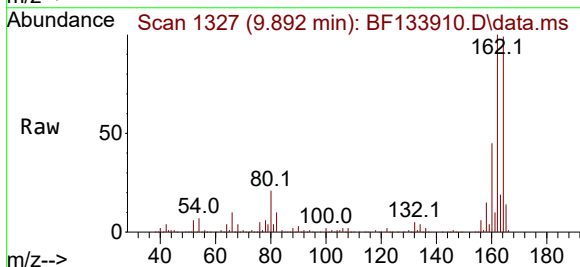
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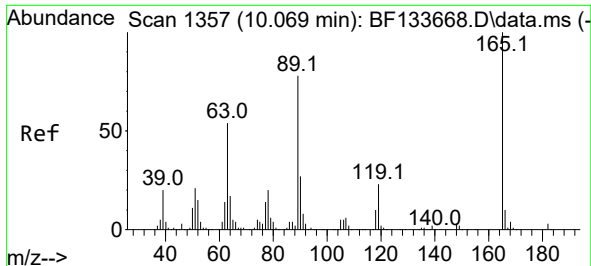
Tgt Ion: 65 Resp: 22155
Ion Ratio Lower Upper
65 100
92 9.6 51.8 77.6#
138 5.8 82.1 123.1#



#51
2,6-Dinitrotoluene
Concen: 8.452 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF133910.D
Acq: 22 Jun 2023 20:04

Tgt Ion:165 Resp: 25963
Ion Ratio Lower Upper
165 100
63 1.4 42.1 63.1#
89 1.6 40.9 61.3#

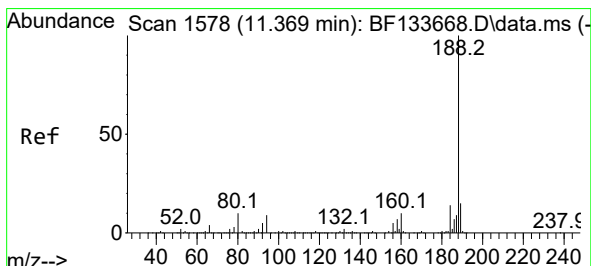
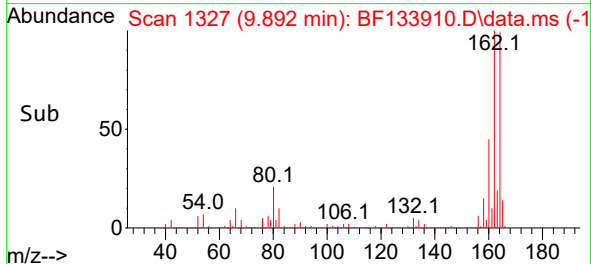
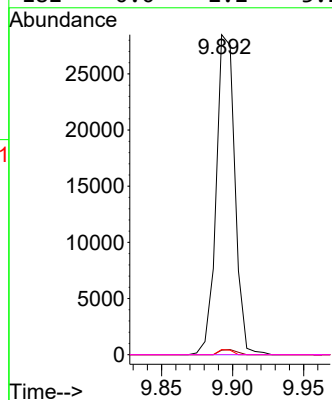
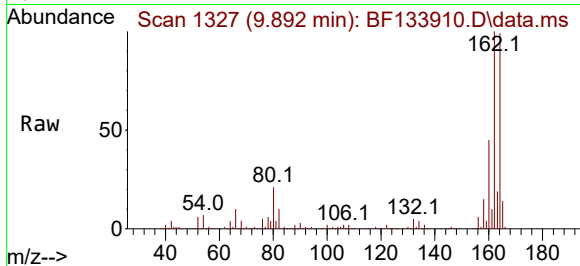




#57
2,4-Dinitrotoluene
Concen: 6.645 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133910.D
Acq: 22 Jun 2023 20:04

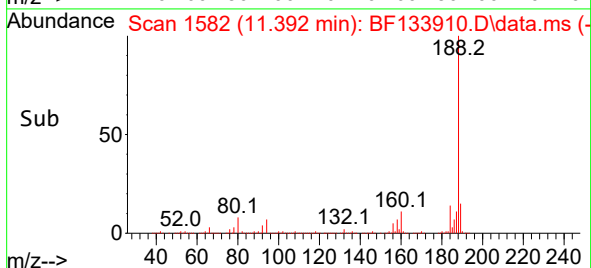
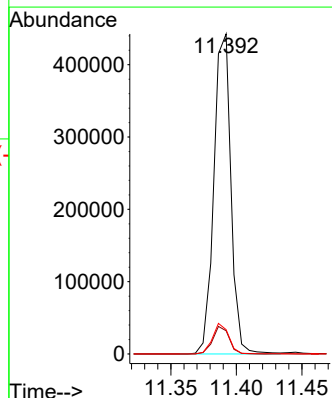
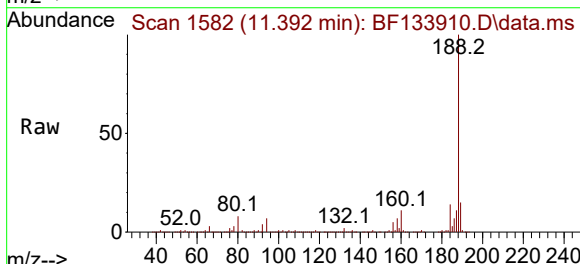
Instrument :
BNA_F
ClientSampleId :
WC-10

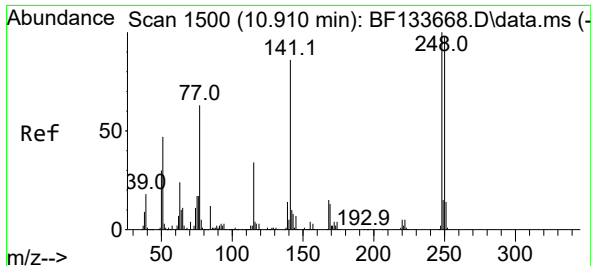
Tgt Ion:165 Resp: 25963
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.6 62.6 93.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF133910.D
Acq: 22 Jun 2023 20:04

Tgt Ion:188 Resp: 401051
Ion Ratio Lower Upper
188 100
94 7.2 6.8 10.2
80 7.6 7.8 11.6#

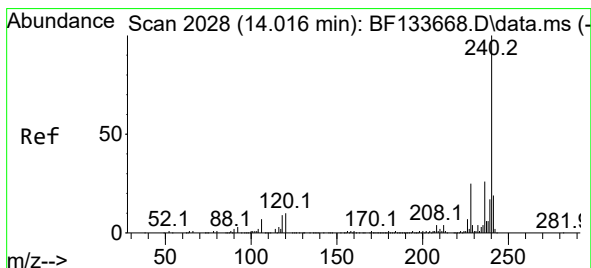
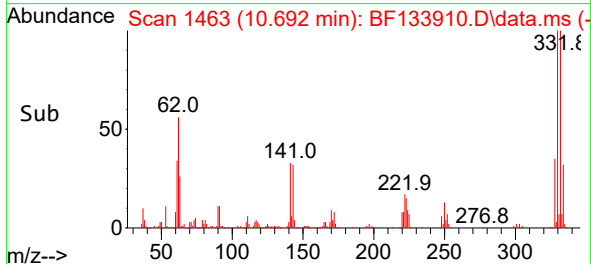
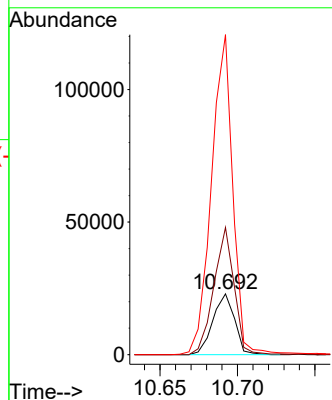
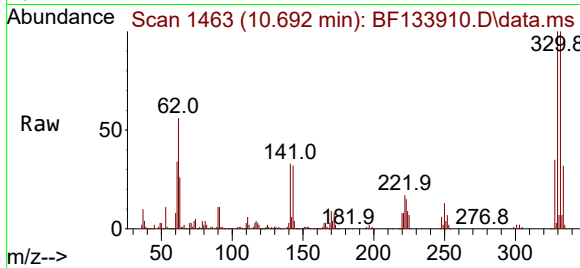




#67
4-Bromophenyl-phenylether
Concen: 4.994 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133910.D
Acq: 22 Jun 2023 20:04

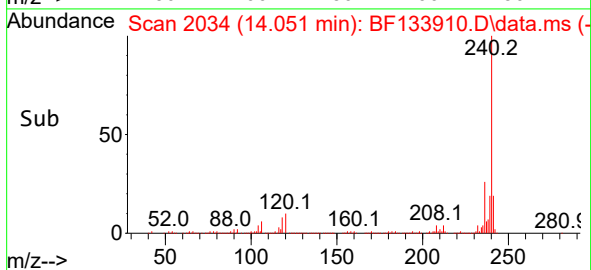
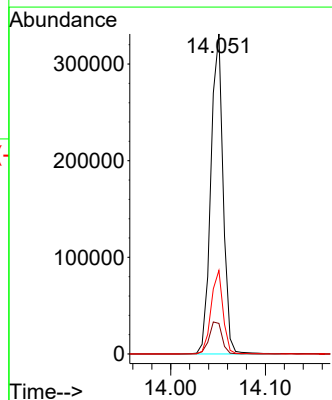
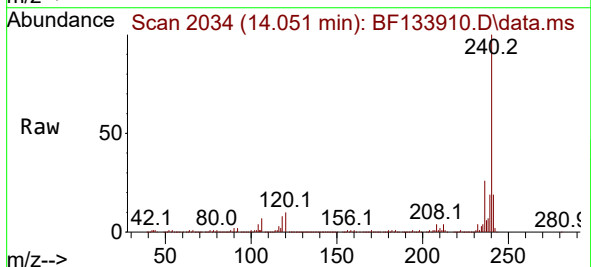
Instrument :
BNA_F
ClientSampleId :
WC-10

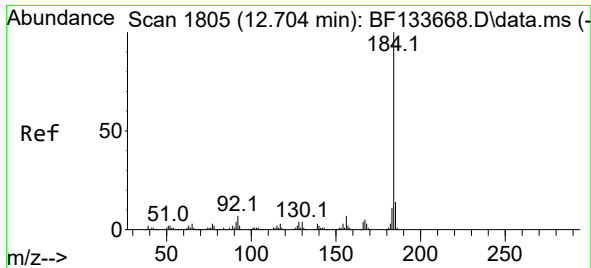
Tgt Ion:248 Resp: 22353
Ion Ratio Lower Upper
248 100
250 208.9 78.3 117.5#
141 525.8 69.0 103.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF133910.D
Acq: 22 Jun 2023 20:04

Tgt Ion:240 Resp: 296190
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 26.1 20.5 30.7

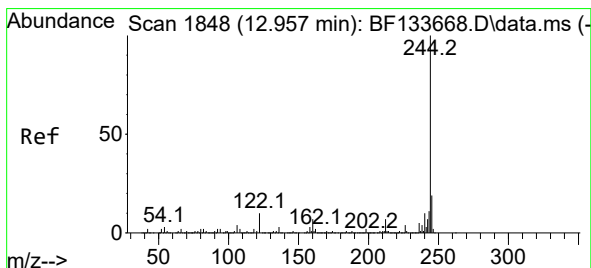
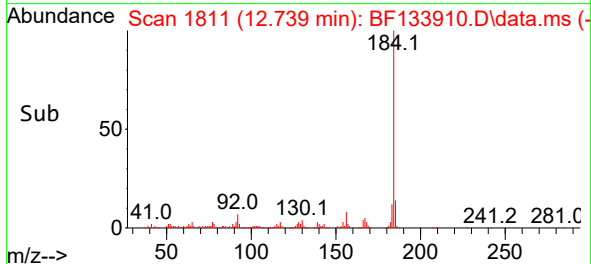
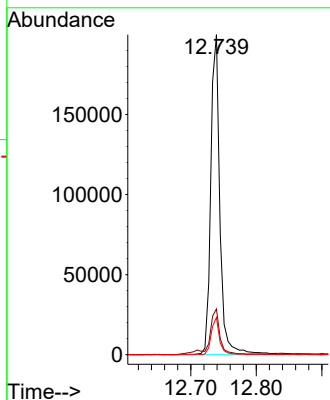
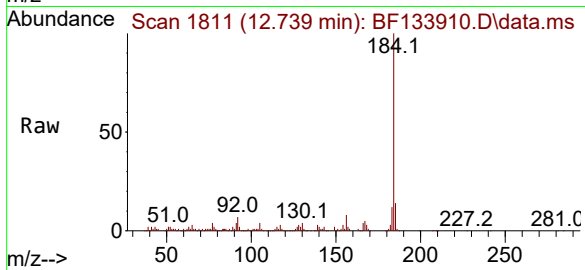




#77
Benzidine
Concen: 19.483 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF133910.D
Acq: 22 Jun 2023 20:04

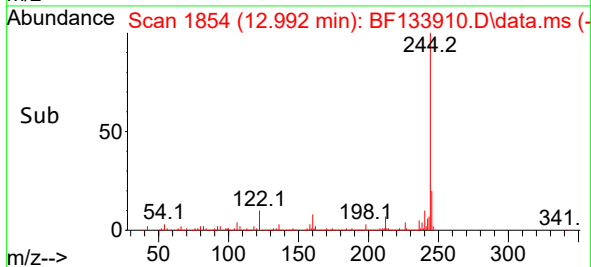
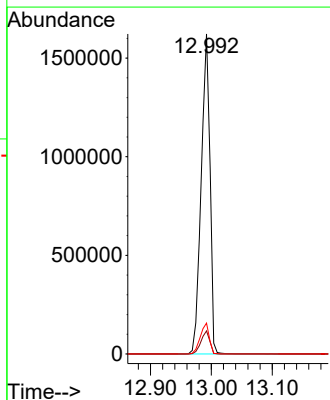
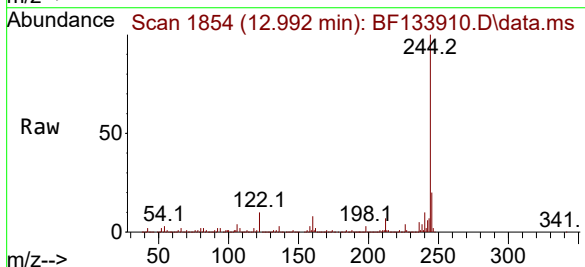
Instrument :
BNA_F
ClientSampleId :
WC-10

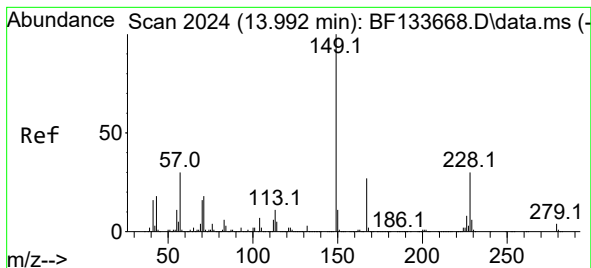
Tgt Ion:184 Resp: 193645
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 11.6 8.4 12.6



#79
Terphenyl-d14
Concen: 84.438 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF133910.D
Acq: 22 Jun 2023 20:04

Tgt Ion:244 Resp: 1616299
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 9.6 8.1 12.1

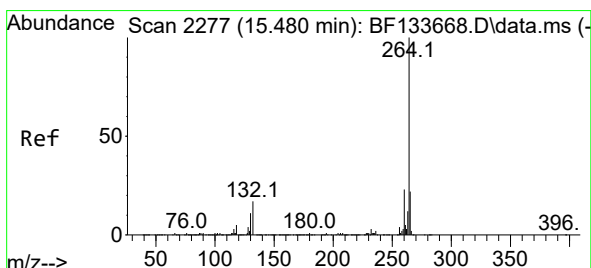
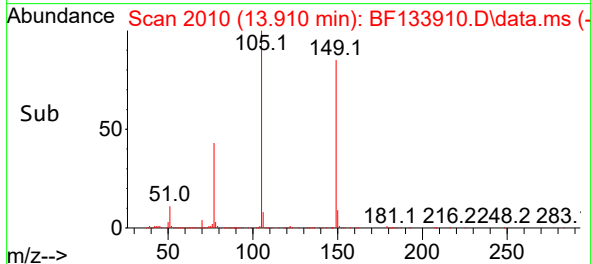
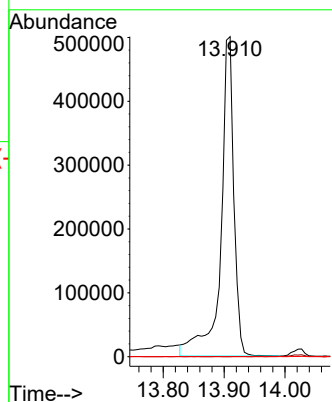
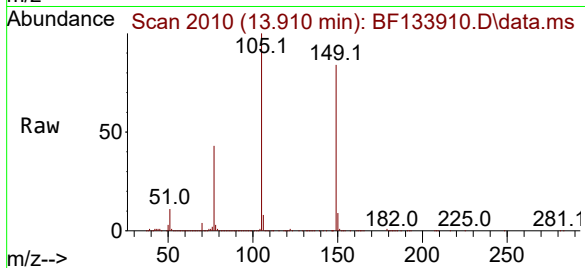




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.745 ng
 RT: 13.910 min Scan# 2010
 Delta R.T. -0.117 min
 Lab File: BF133910.D
 Acq: 22 Jun 2023 20:04

Instrument :
 BNA_F
 ClientSampleId :
 WC-10

Tgt Ion:149 Resp: 742141
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.8 32.8#
 279 0.0 3.3 4.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. -0.006 min
 Lab File: BF133910.D
 Acq: 22 Jun 2023 20:04

Tgt Ion:264 Resp: 233975
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.2 27.2
 265 20.8 17.8 26.6

