

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138581.D
 Acq On : 19 Jul 2024 10:59
 Operator : RC/JU
 Sample : P3246-27RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-06

Quant Time: Jul 19 11:32:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

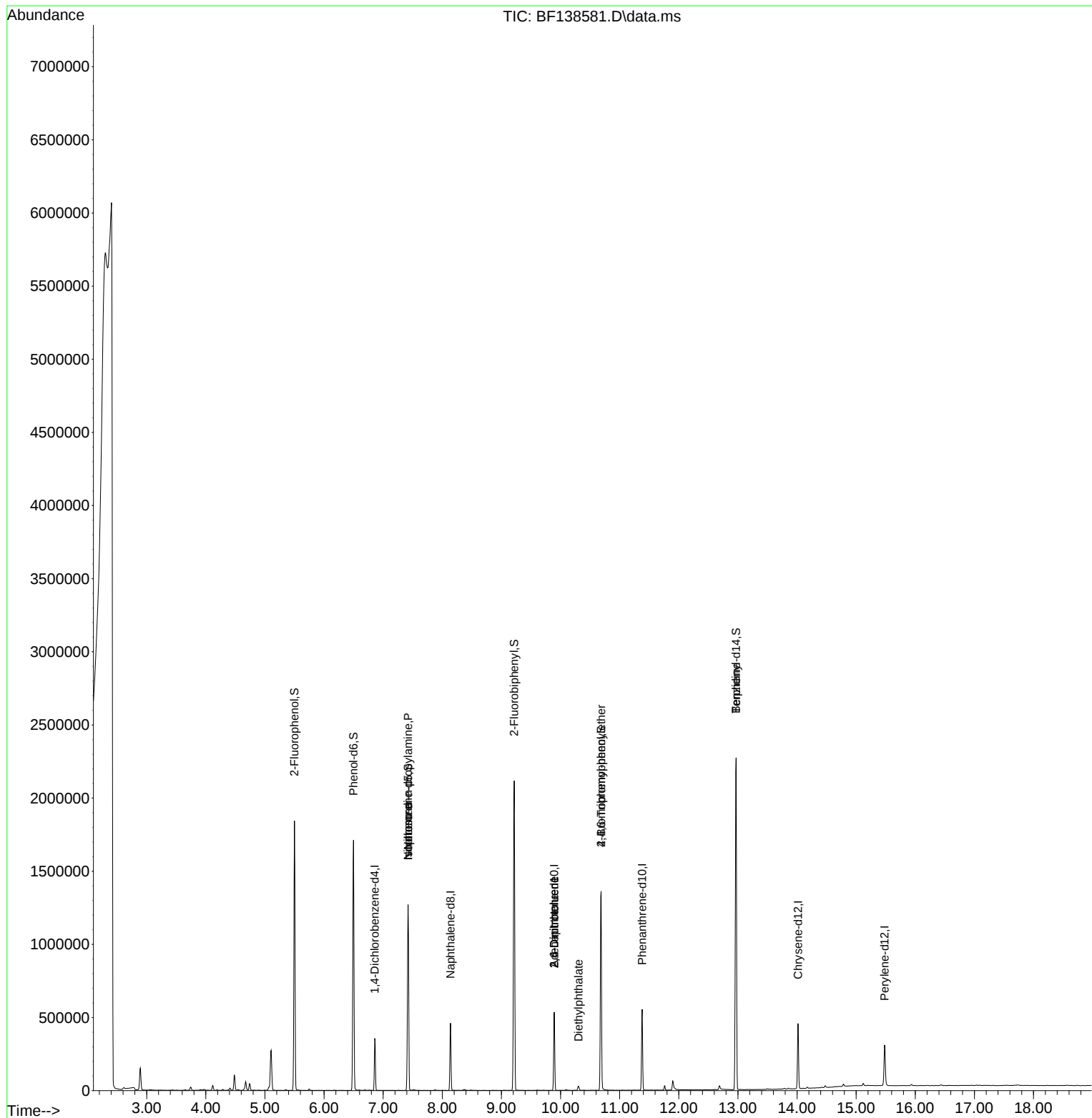
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	67048	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	272994	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	150370	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	278389	20.000	ng	0.00
76) Chrysene-d12	14.016	240	196370	20.000	ng	-0.01
86) Perylene-d12	15.480	264	151041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	618417	146.078	ng	0.00
7) Phenol-d6	6.498	99	772524	137.172	ng	0.00
23) Nitrobenzene-d5	7.422	82	573036	103.060	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	223797	159.246	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	925563	96.201	ng	-0.01
79) Terphenyl-d14	12.969	244	1135800	94.228	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	75682	21.748	ng	# 75
25) Isophorone	7.422	82	570707	59.769	ng	# 67
51) 2,6-Dinitrotoluene	9.892	165	19732	8.814	ng	# 24
57) 2,4-Dinitrotoluene	9.892	165	19732	6.812	ng	# 19
60) Diethylphthalate	10.304	149	21583	2.303	ng	# 98
67) 4-Bromophenyl-phenylether	10.686	248	14354	5.017	ng	# 1
77) Benzidine	12.969	184	15232	3.074	ng	# 91

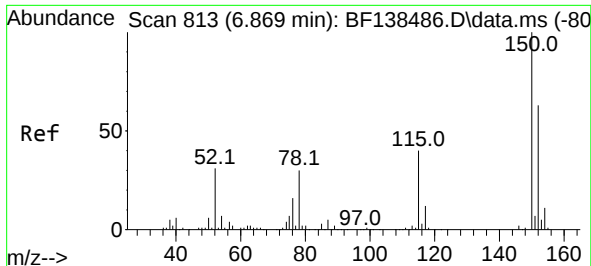
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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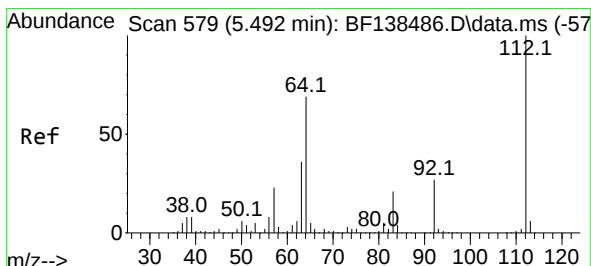
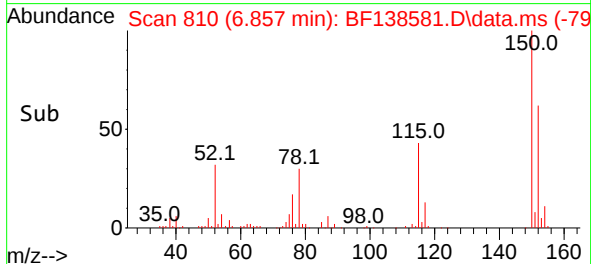
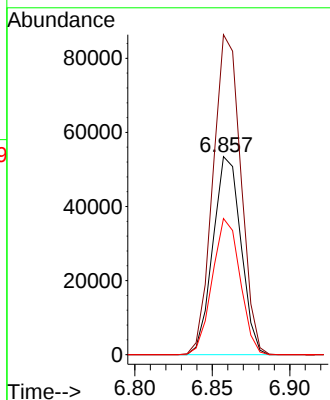
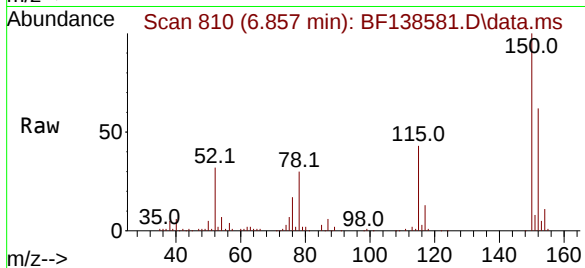




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138581.D
Acq: 19 Jul 2024 10:59

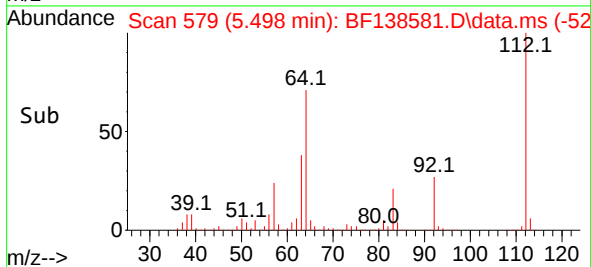
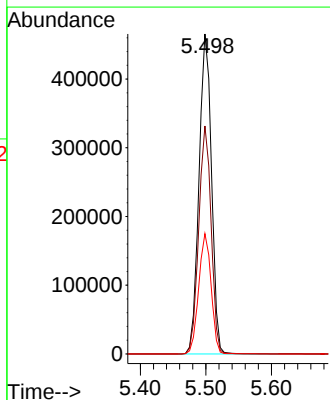
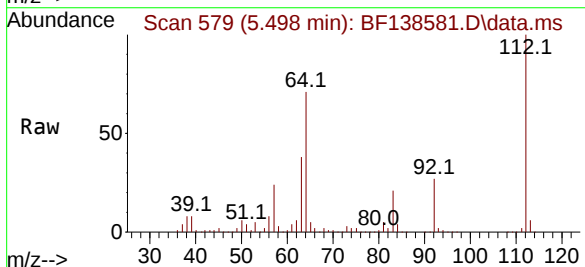
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-06

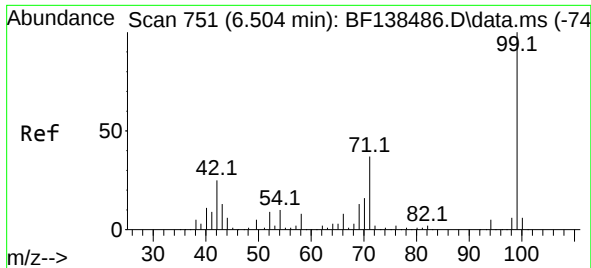
Tgt Ion:152 Resp: 67048
Ion Ratio Lower Upper
152 100
150 161.6 126.2 189.4
115 68.7 50.3 75.5



#5
2-Fluorophenol
Concen: 146.078 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF138581.D
Acq: 19 Jul 2024 10:59

Tgt Ion:112 Resp: 618417
Ion Ratio Lower Upper
112 100
64 71.3 55.1 82.7
63 37.6 29.0 43.6

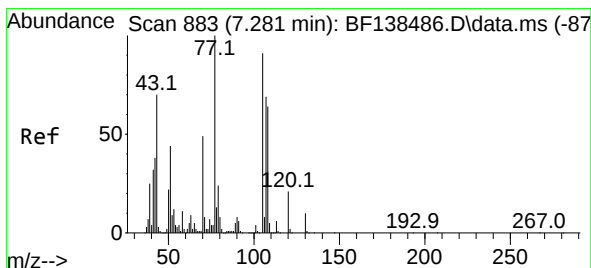
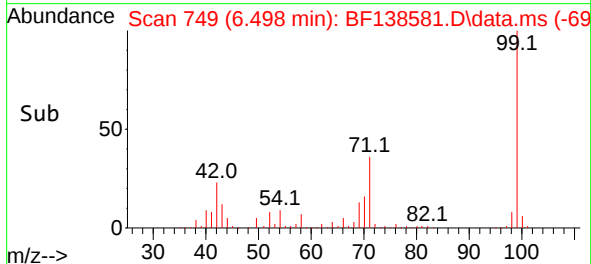
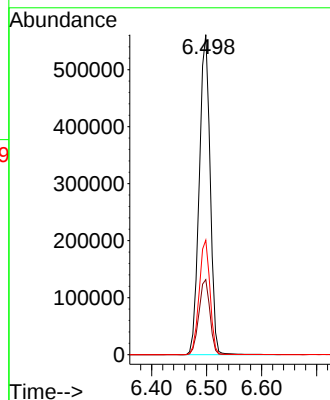
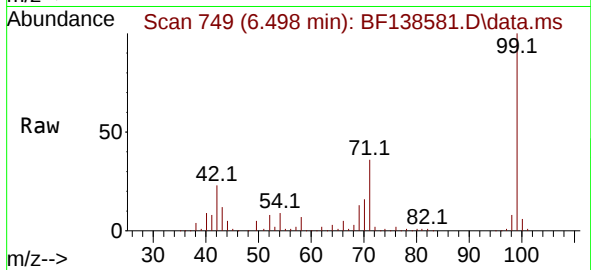




#7
Phenol-d6
Concen: 137.172 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138581.D
Acq: 19 Jul 2024 10:59

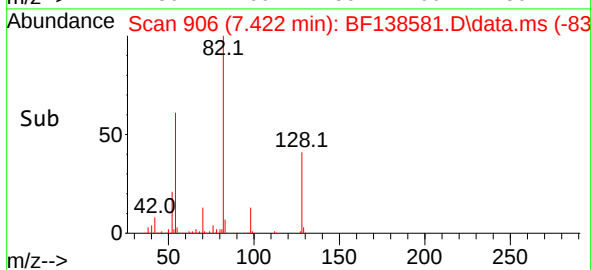
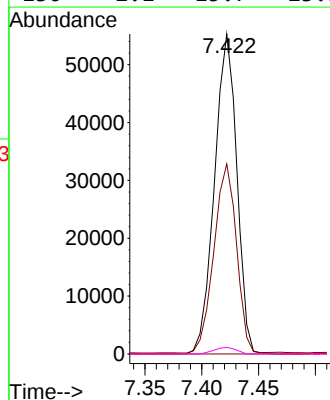
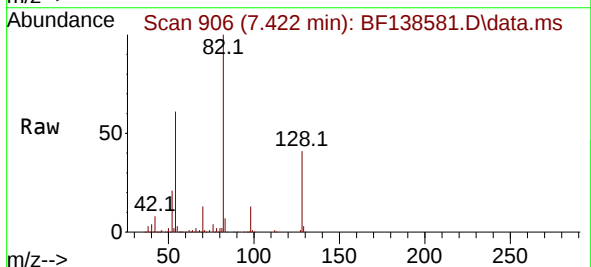
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-06

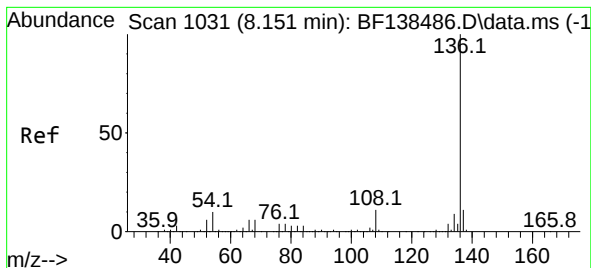
Tgt Ion: 99 Resp: 772524
Ion Ratio Lower Upper
99 100
42 23.4 19.7 29.5
71 35.8 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 21.748 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF138581.D
Acq: 19 Jul 2024 10:59

Tgt Ion: 70 Resp: 75682
Ion Ratio Lower Upper
70 100
42 59.4 62.4 93.6#
101 0.0 7.2 10.8#
130 2.1 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138581.D

Acq: 19 Jul 2024 10:59

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-06

Tgt Ion:136 Resp: 272994

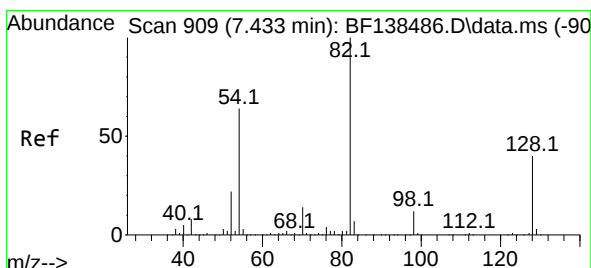
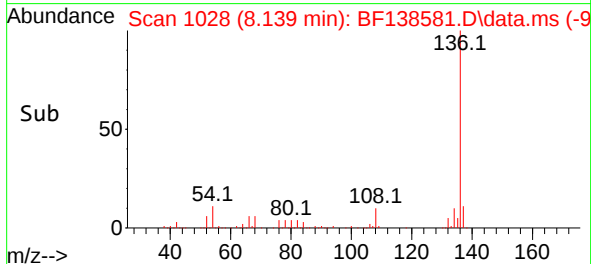
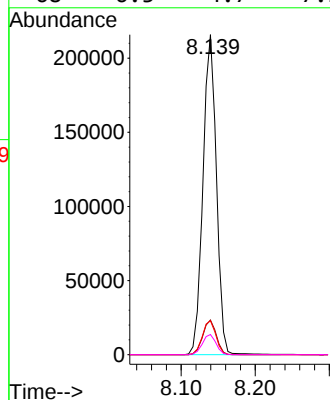
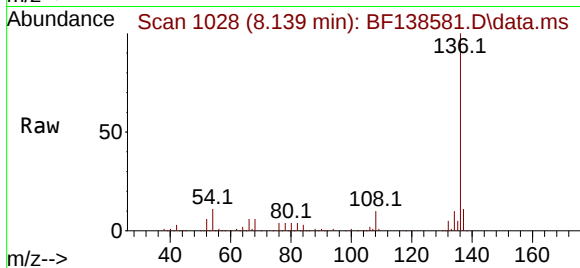
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.6 8.1 12.1

68 6.3 4.7 7.1



#23

Nitrobenzene-d5

Concen: 103.060 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF138581.D

Acq: 19 Jul 2024 10:59

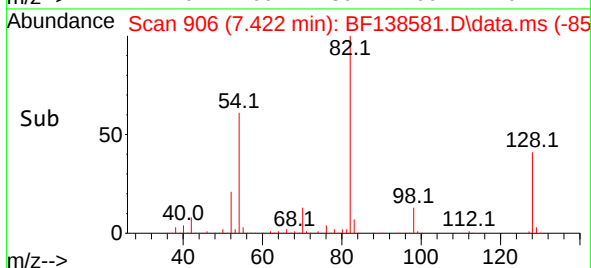
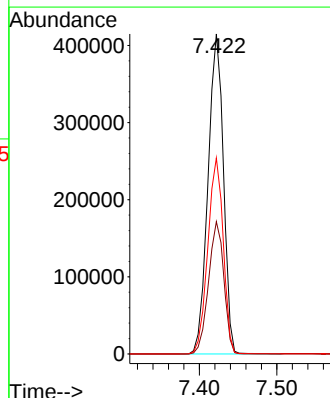
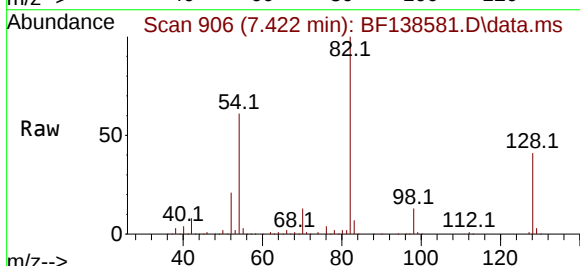
Tgt Ion: 82 Resp: 573036

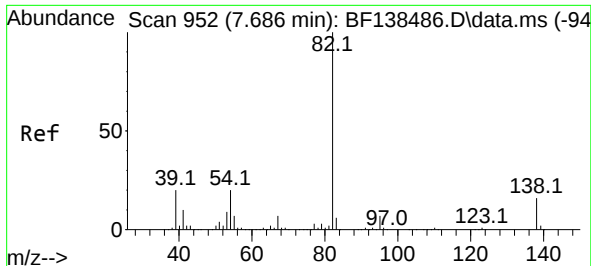
Ion Ratio Lower Upper

82 100

128 41.4 32.3 48.5

54 61.2 51.4 77.0

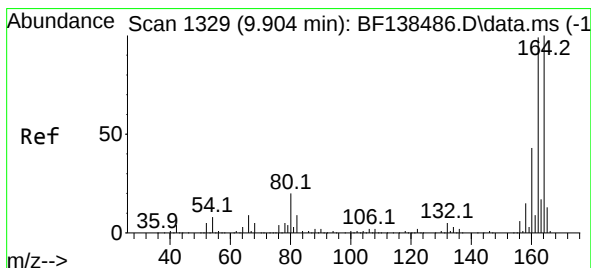
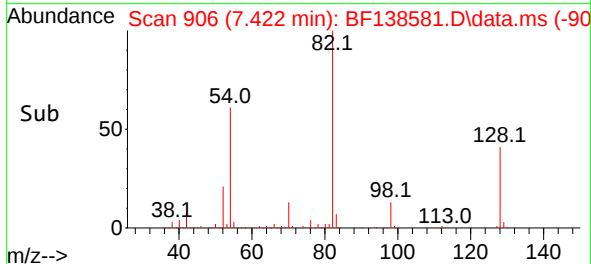
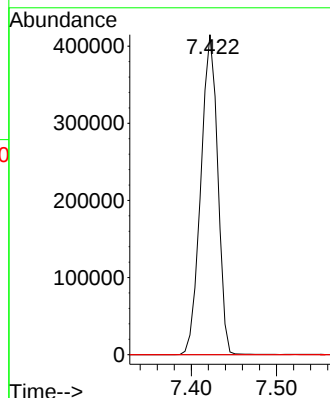
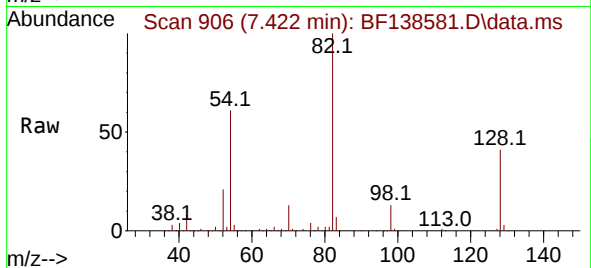




#25
Isophorone
Concen: 59.769 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138581.D
Acq: 19 Jul 2024 10:59

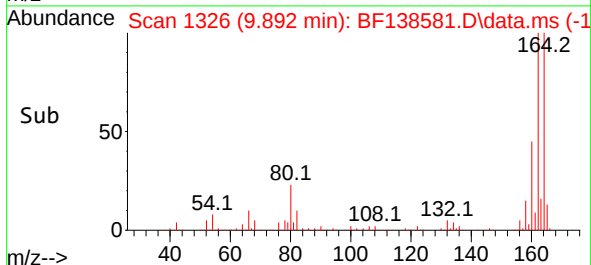
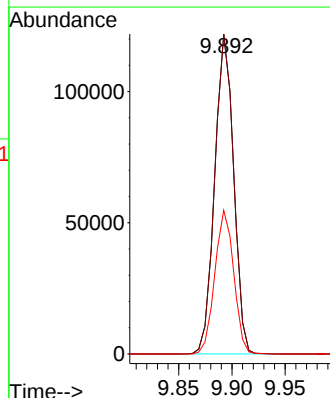
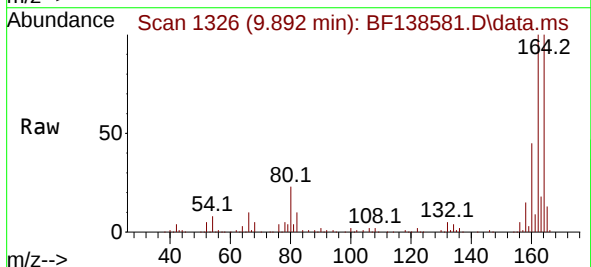
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-06

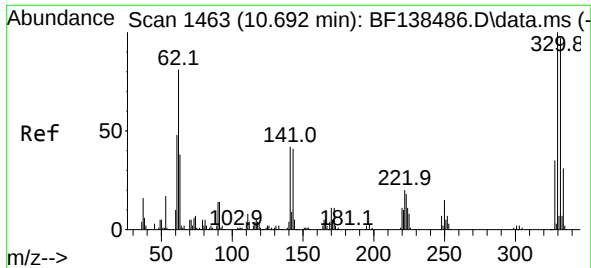
Tgt Ion: 82 Resp: 570707
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF138581.D
Acq: 19 Jul 2024 10:59

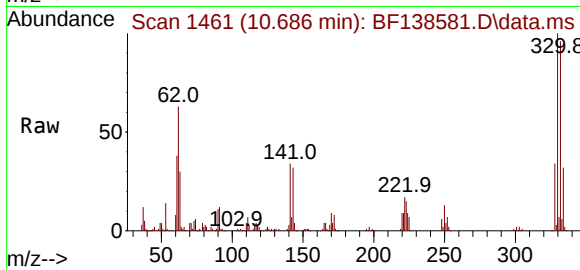
Tgt Ion:164 Resp: 150370
Ion Ratio Lower Upper
164 100
162 100.1 79.0 118.6
160 44.9 34.4 51.6



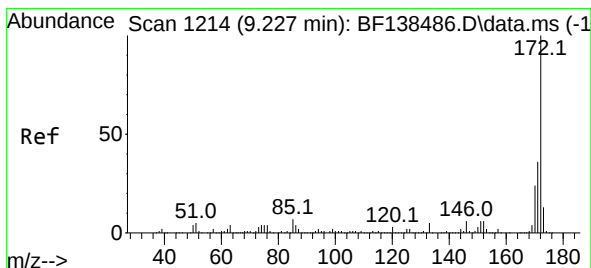
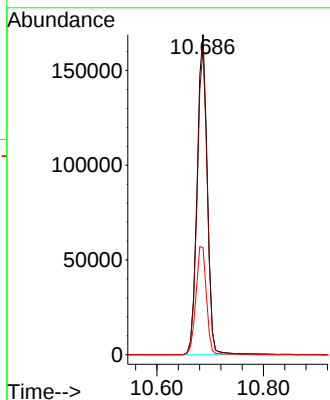
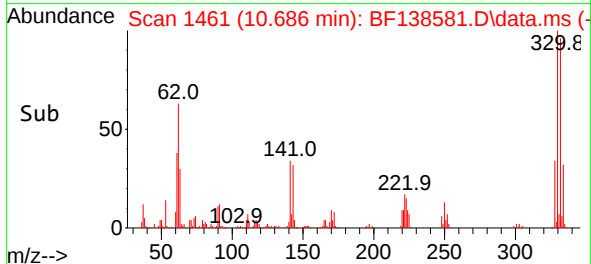


#42
2,4,6-Tribromophenol
Concen: 159.246 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138581.D
Acq: 19 Jul 2024 10:59

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-06

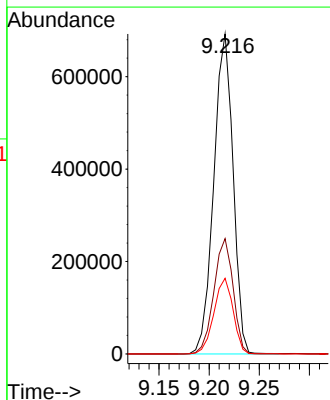
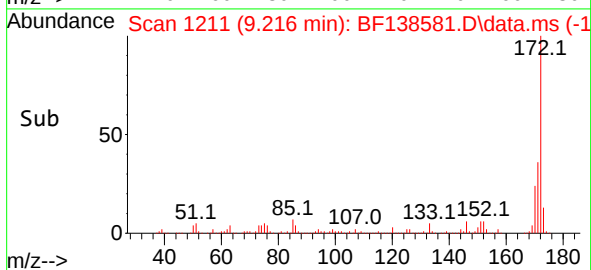
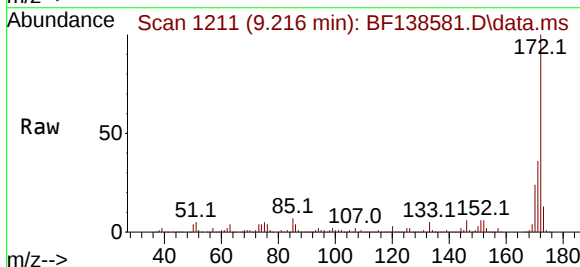


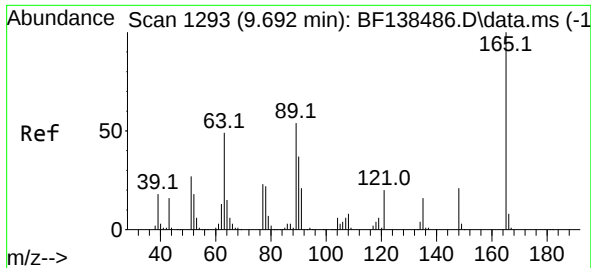
Tgt Ion:330 Resp: 223797
Ion Ratio Lower Upper
330 100
332 95.6 76.8 115.2
141 35.0 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 96.201 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF138581.D
Acq: 19 Jul 2024 10:59

Tgt Ion:172 Resp: 925563
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 23.6 18.9 28.3

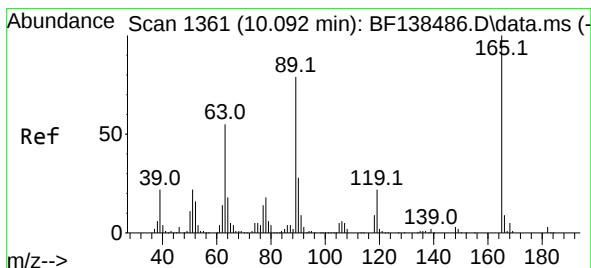
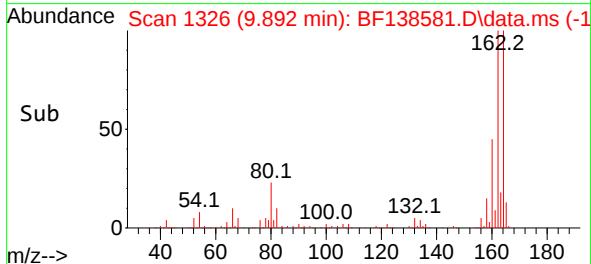
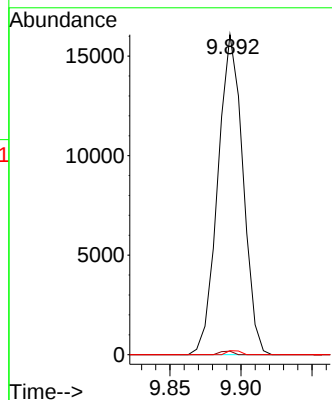
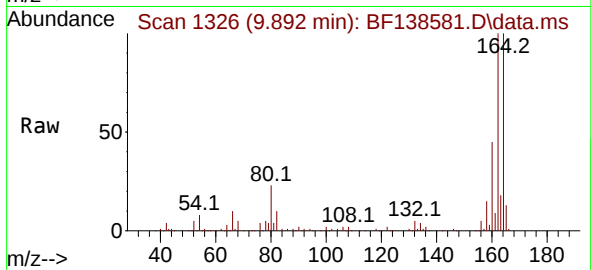




#51
2,6-Dinitrotoluene
Concen: 8.814 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138581.D
Acq: 19 Jul 2024 10:59

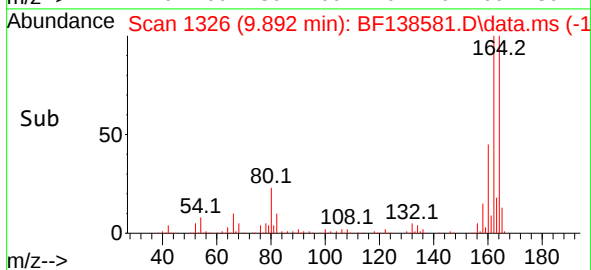
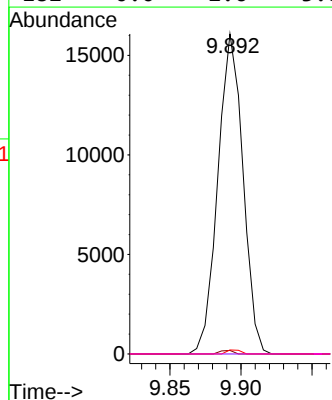
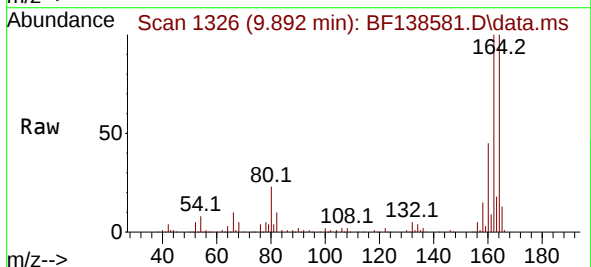
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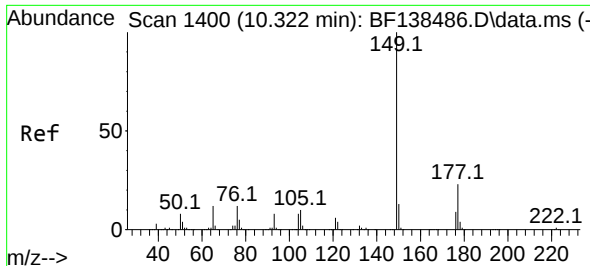
Tgt Ion:165 Resp: 19732
Ion Ratio Lower Upper
165 100
63 1.1 48.1 72.1#
89 1.3 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.812 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF138581.D
Acq: 19 Jul 2024 10:59

Tgt Ion:165 Resp: 19732
Ion Ratio Lower Upper
165 100
63 1.1 44.6 66.8#
89 1.3 63.4 95.2#
182 0.0 2.6 3.8#

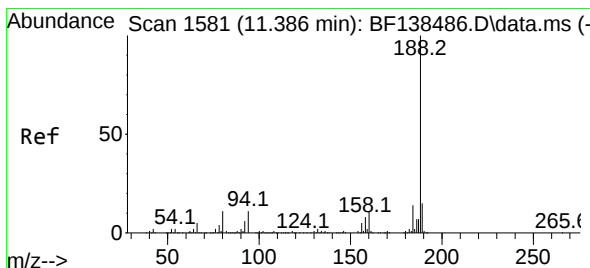
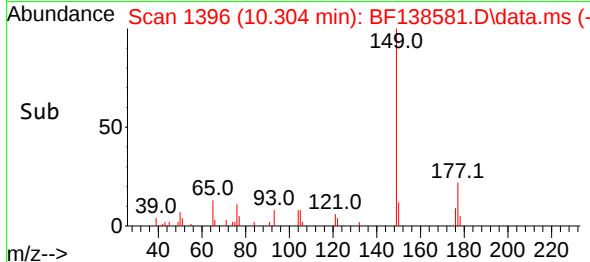
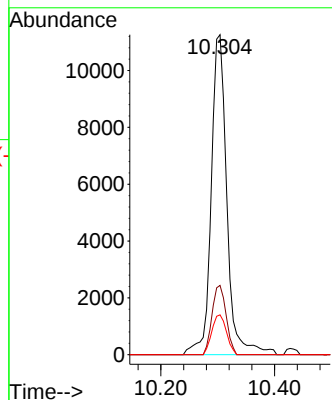
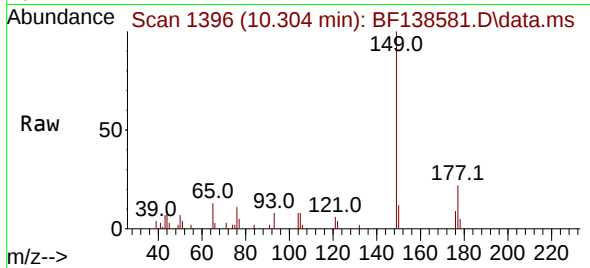




#60
Diethylphthalate
Concen: 2.303 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138581.D
Acq: 19 Jul 2024 10:59

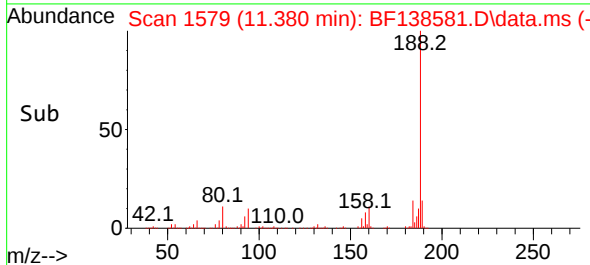
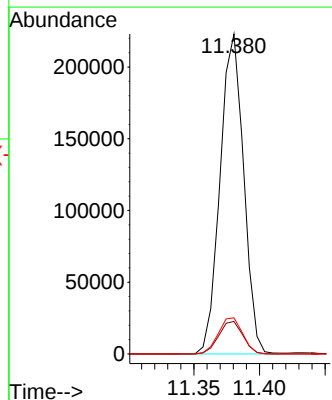
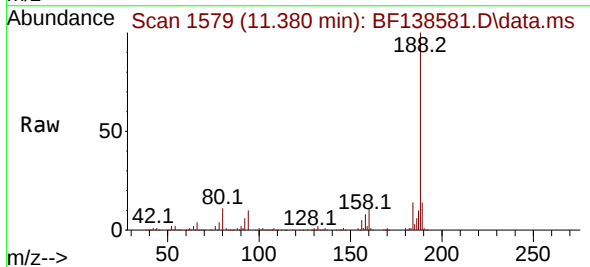
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-06

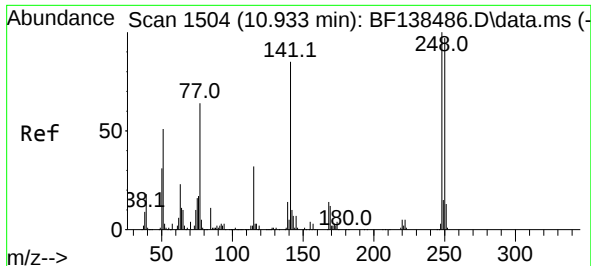
Tgt Ion:149 Resp: 21583
Ion Ratio Lower Upper
149 100
177 21.7 18.5 27.7
150 12.5 10.3 15.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF138581.D
Acq: 19 Jul 2024 10:59

Tgt Ion:188 Resp: 278389
Ion Ratio Lower Upper
188 100
94 10.1 8.7 13.1
80 11.3 9.0 13.4

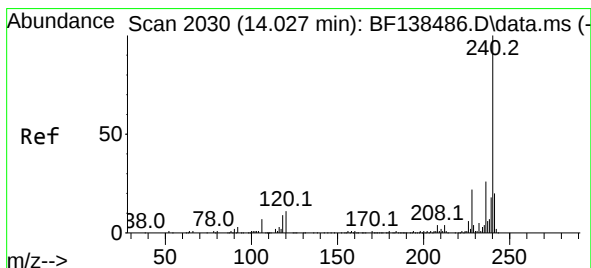
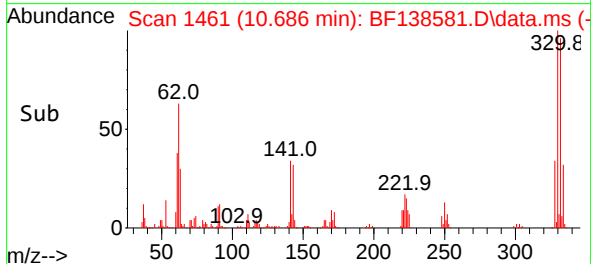
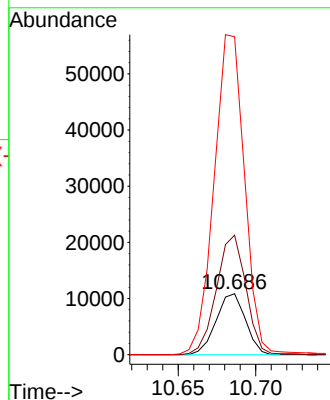
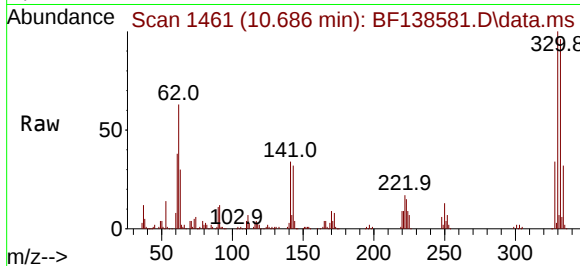




#67
4-Bromophenyl-phenylether
Concen: 5.017 ng
RT: 10.686 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF138581.D
Acq: 19 Jul 2024 10:59

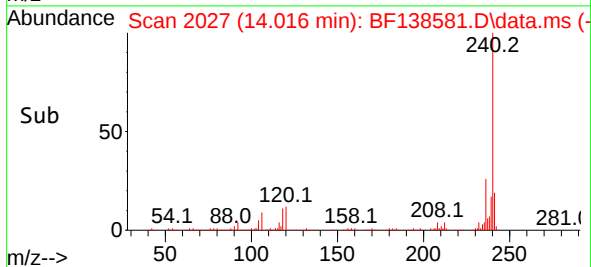
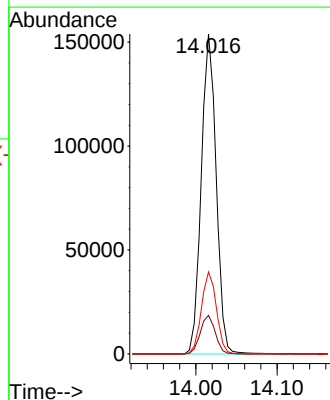
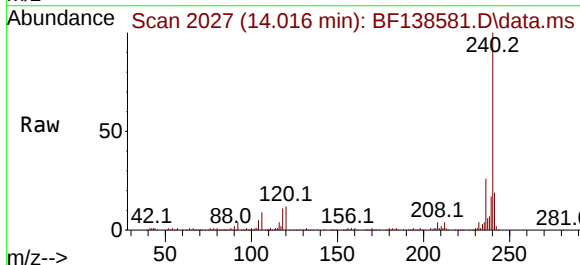
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-06

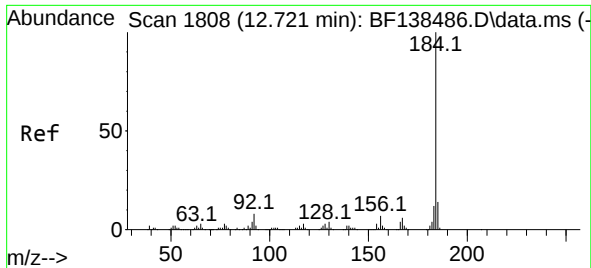
Tgt Ion:248 Resp: 14354
Ion Ratio Lower Upper
248 100
250 196.3 77.9 116.9#
141 522.0 67.7 101.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF138581.D
Acq: 19 Jul 2024 10:59

Tgt Ion:240 Resp: 196370
Ion Ratio Lower Upper
240 100
120 12.0 8.6 12.8
236 25.7 21.0 31.6

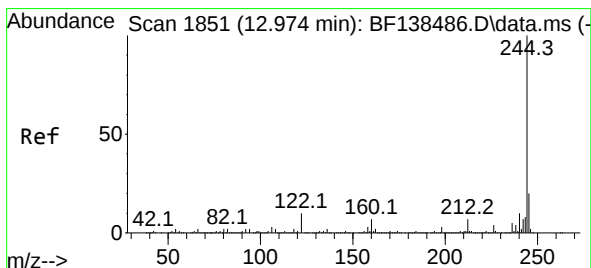
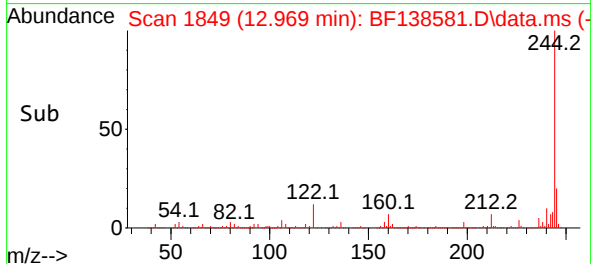
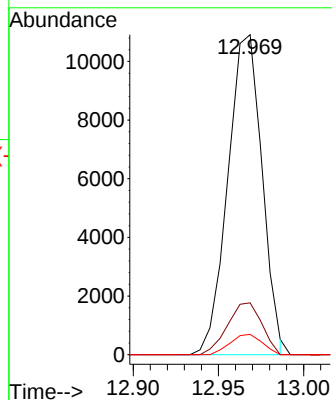
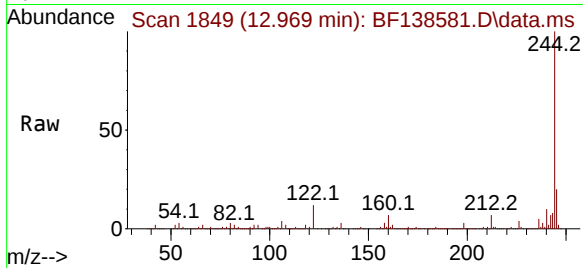




#77
Benzidine
Concen: 3.074 ng
RT: 12.969 min Scan# 1849
Delta R.T. 0.248 min
Lab File: BF138581.D
Acq: 19 Jul 2024 10:59

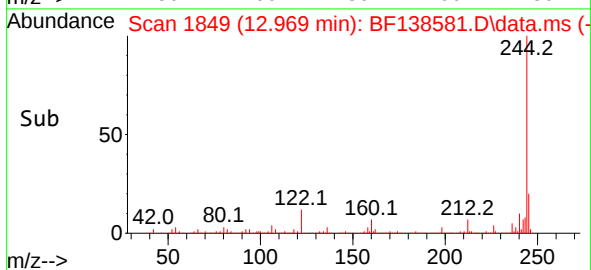
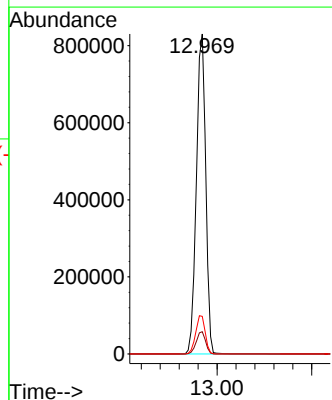
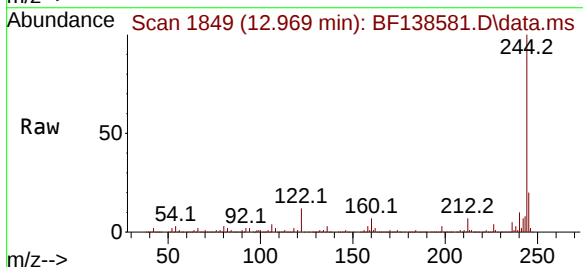
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-06

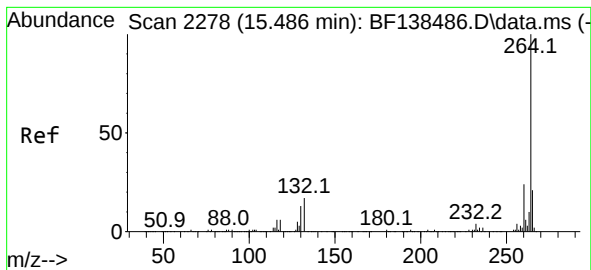
Tgt Ion:184 Resp: 15232
Ion Ratio Lower Upper
184 100
185 16.2 11.3 16.9
183 6.4 9.5 14.3#



#79
Terphenyl-d14
Concen: 94.228 ng
RT: 12.969 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BF138581.D
Acq: 19 Jul 2024 10:59

Tgt Ion:244 Resp: 1135800
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 11.7 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138581.D
 Acq: 19 Jul 2024 10:59

Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-06

Tgt Ion:264 Resp: 151041
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.2 17.0 25.4

