

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138589.D
 Acq On : 19 Jul 2024 14:58
 Operator : RC/JU
 Sample : P3246-06RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-02

Quant Time: Jul 19 15:25:22 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)

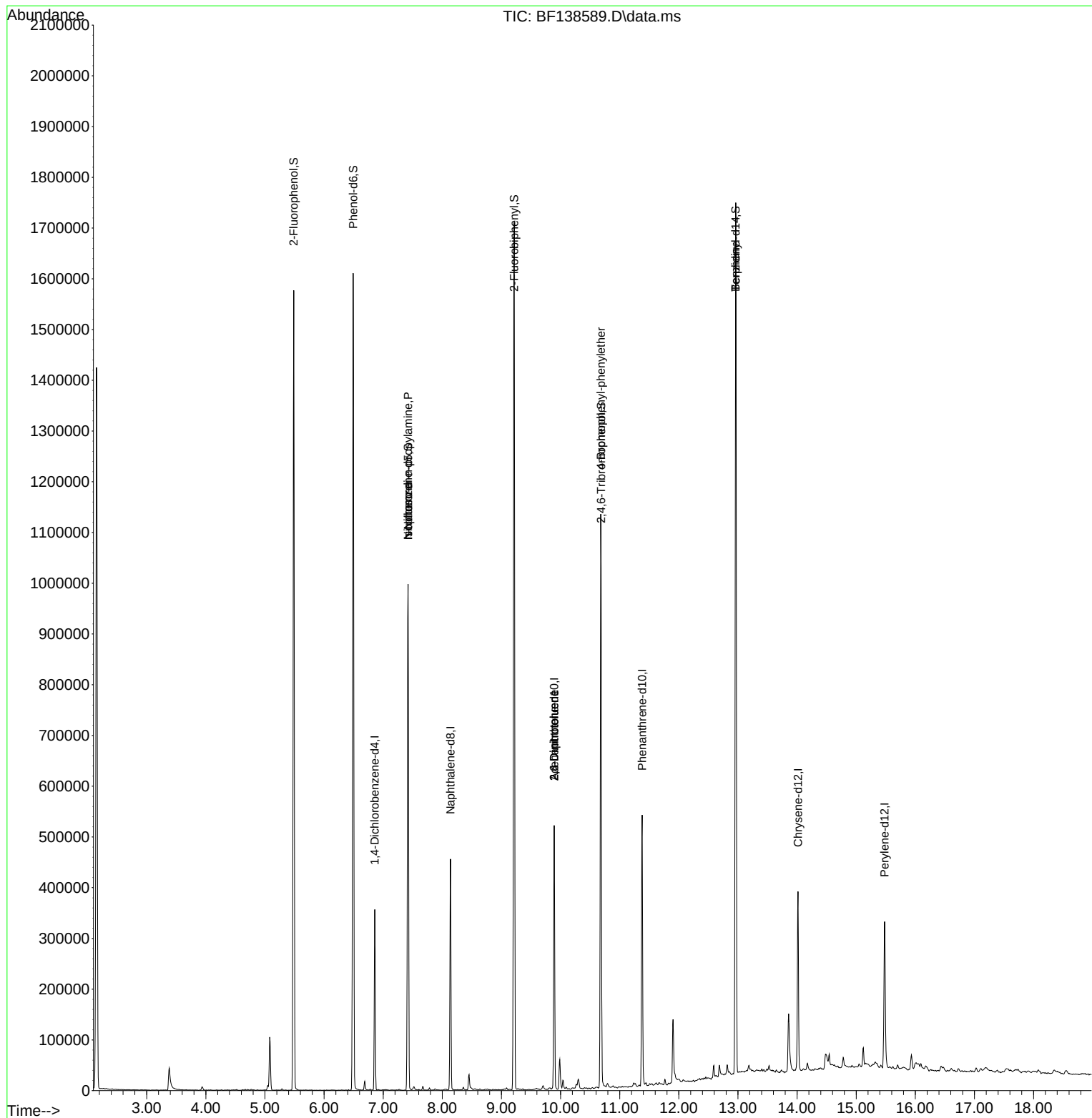
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	65893	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	262004	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	144879	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	265707	20.000	ng	0.00
76) Chrysene-d12	14.015	240	156082	20.000	ng	-0.01
86) Perylene-d12	15.480	264	162103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	518500	124.623	ng	0.00
7) Phenol-d6	6.492	99	709813	128.246	ng	-0.01
23) Nitrobenzene-d5	7.422	82	439621	82.382	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	174376	128.782	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	728180	78.554	ng	-0.01
79) Terphenyl-d14	12.963	244	801470	83.654	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	59519	17.404	ng	# 73
25) Isophorone	7.422	82	437757	47.768	ng	# 67
51) 2,6-Dinitrotoluene	9.892	165	18880	8.753	ng	# 23
57) 2,4-Dinitrotoluene	9.892	165	18880	6.765	ng	# 18
67) 4-Bromophenyl-phenylether	10.680	248	11633	4.260	ng	# 1
77) Benzidine	12.963	184	10938	2.778	ng	# 91

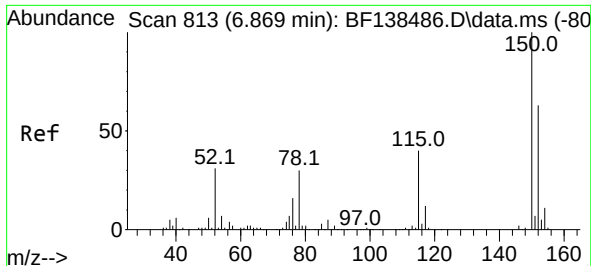
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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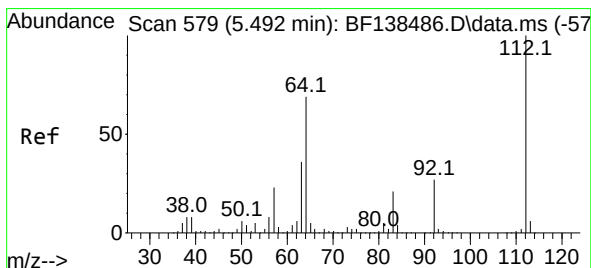
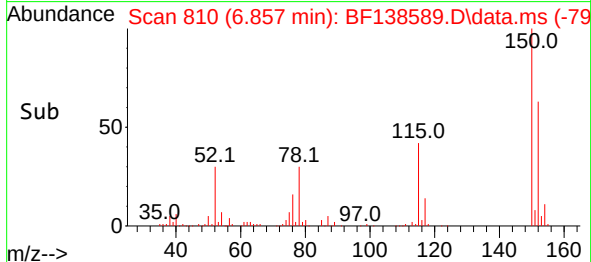
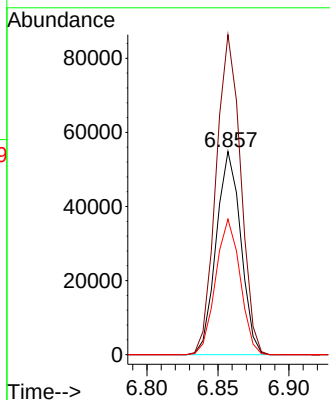
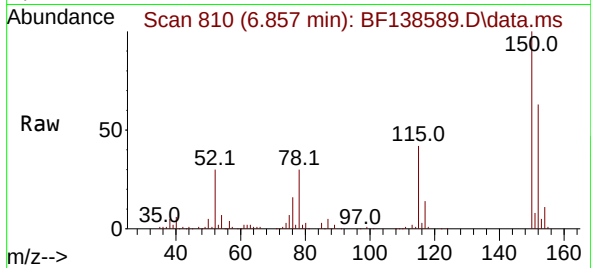




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138589.D
Acq: 19 Jul 2024 14:58

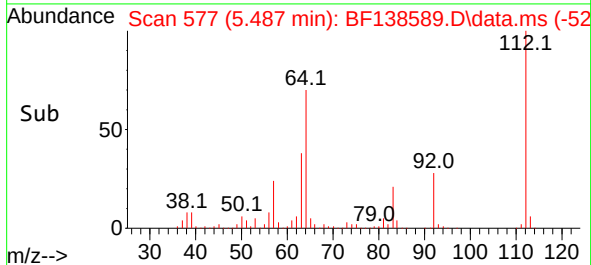
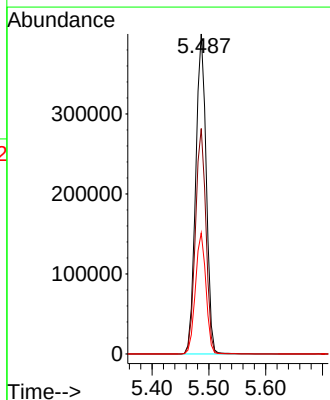
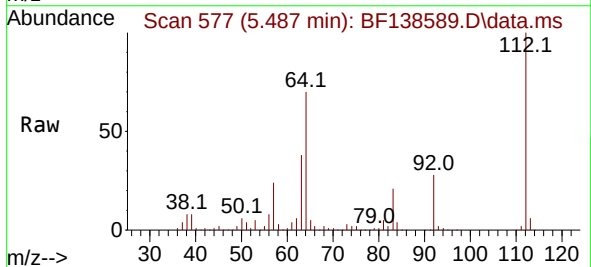
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02

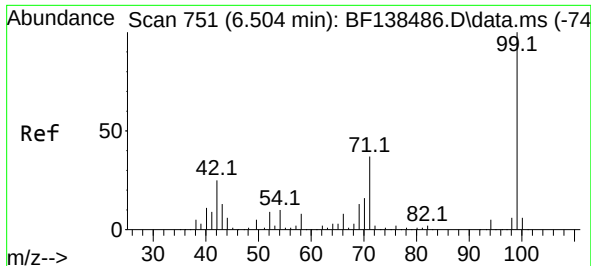
Tgt Ion:152 Resp: 65893
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.4
115 66.7 50.3 75.5



#5
2-Fluorophenol
Concen: 124.623 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF138589.D
Acq: 19 Jul 2024 14:58

Tgt Ion:112 Resp: 518500
Ion Ratio Lower Upper
112 100
64 70.5 55.1 82.7
63 37.8 29.0 43.6

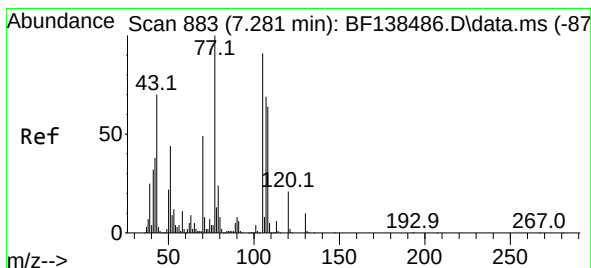
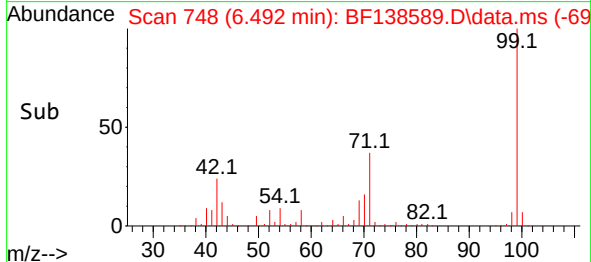
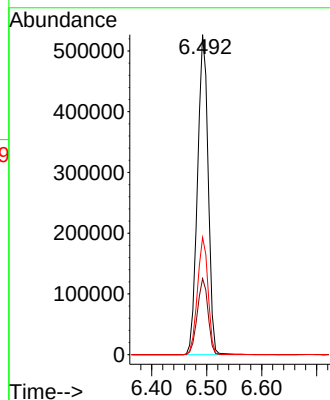
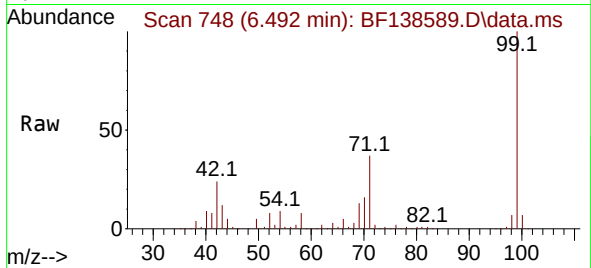




#7
Phenol-d6
Concen: 128.246 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138589.D
Acq: 19 Jul 2024 14:58

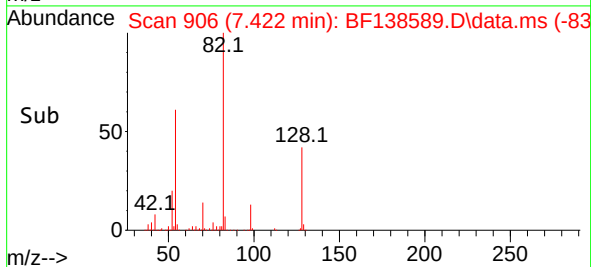
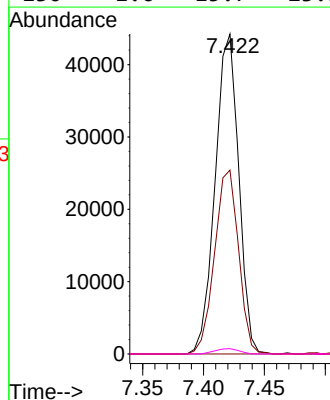
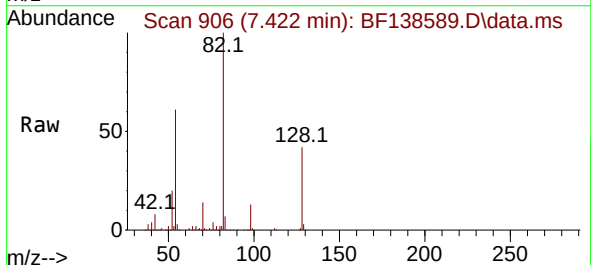
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02

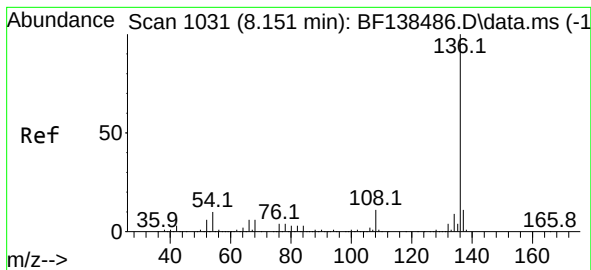
Tgt Ion: 99 Resp: 709813
Ion Ratio Lower Upper
99 100
42 23.8 19.7 29.5
71 36.7 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.404 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF138589.D
Acq: 19 Jul 2024 14:58

Tgt Ion: 70 Resp: 59519
Ion Ratio Lower Upper
70 100
42 57.5 62.4 93.6#
101 0.0 7.2 10.8#
130 1.6 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: BF138589.D

Acq: 19 Jul 2024 14:58

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02

Tgt Ion:136 Resp: 262004

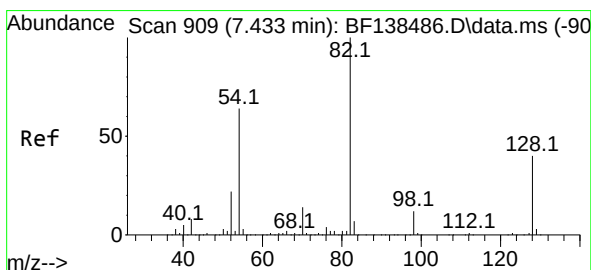
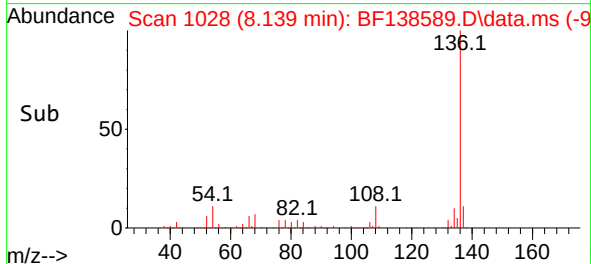
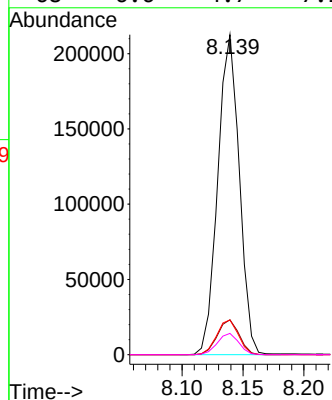
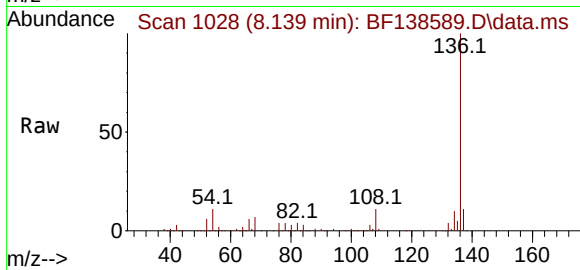
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.9 8.1 12.1

68 6.6 4.7 7.1



#23

Nitrobenzene-d5

Concen: 82.382 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF138589.D

Acq: 19 Jul 2024 14:58

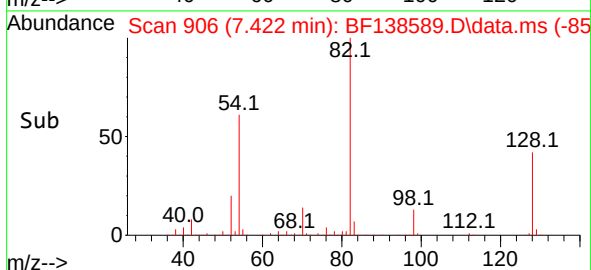
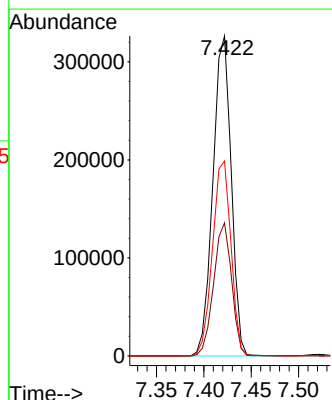
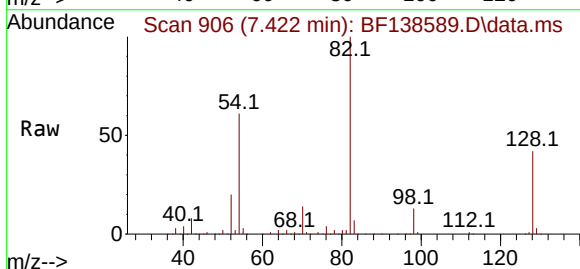
Tgt Ion: 82 Resp: 439621

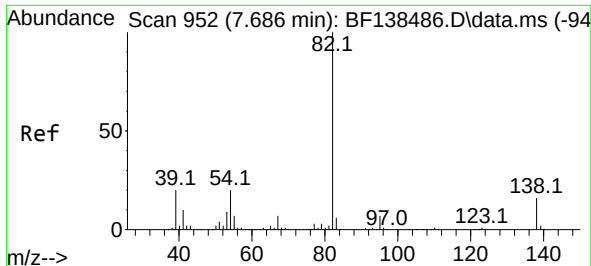
Ion Ratio Lower Upper

82 100

128 41.6 32.3 48.5

54 60.9 51.4 77.0

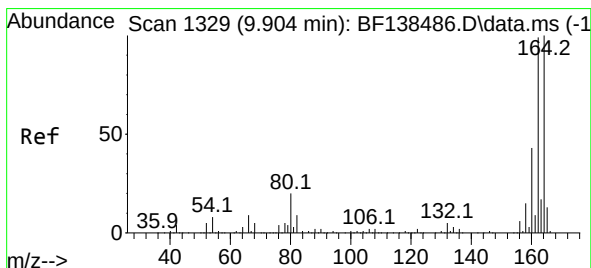
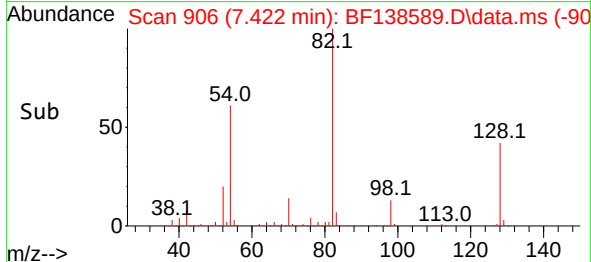
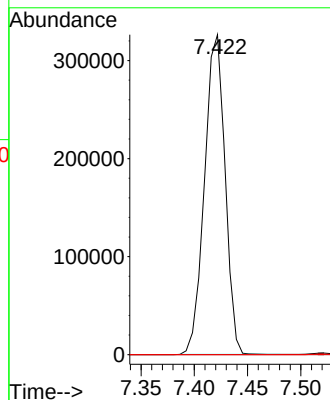
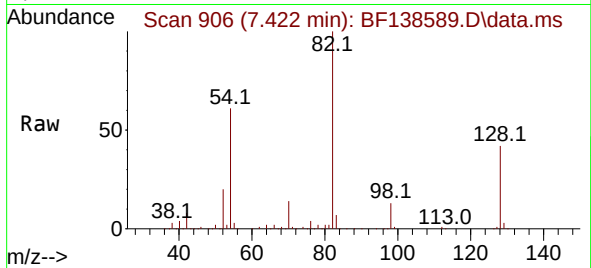




#25
Isophorone
Concen: 47.768 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138589.D
Acq: 19 Jul 2024 14:58

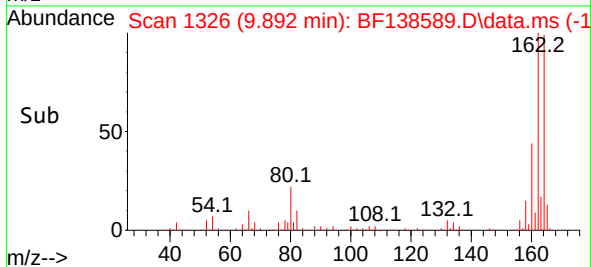
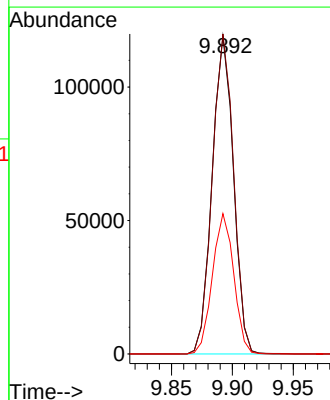
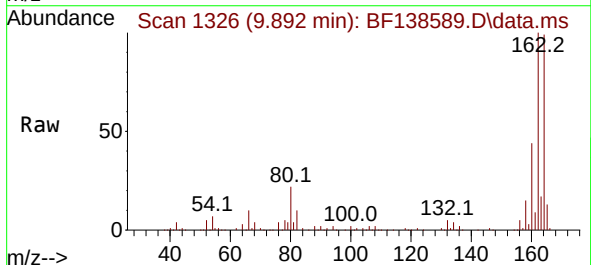
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02

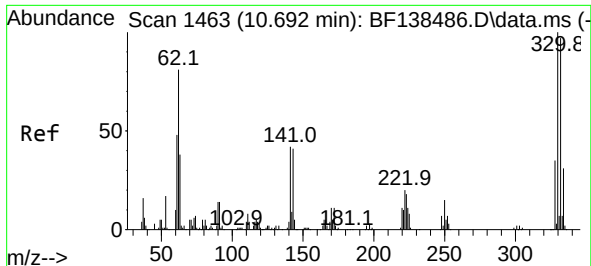
Tgt Ion: 82 Resp: 437757
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF138589.D
Acq: 19 Jul 2024 14:58

Tgt Ion:164 Resp: 144879
Ion Ratio Lower Upper
164 100
162 100.7 79.0 118.6
160 44.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 128.782 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF138589.D

Acq: 19 Jul 2024 14:58

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02

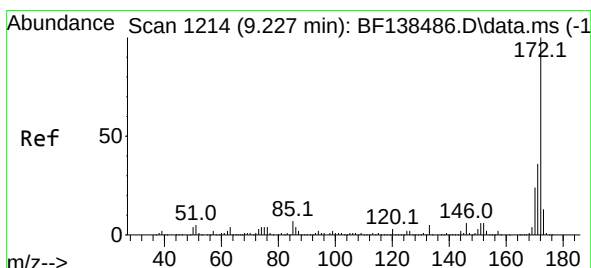
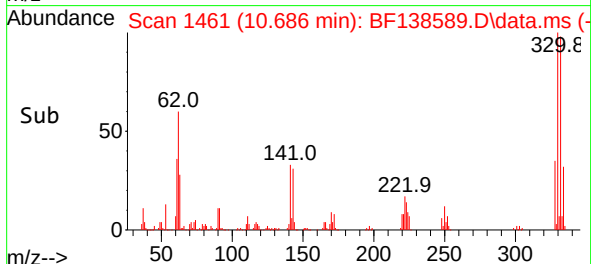
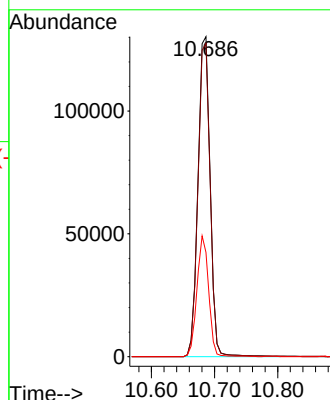
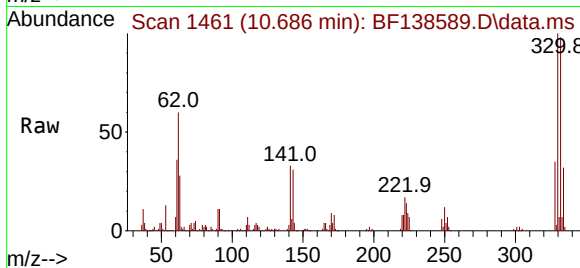
Tgt Ion:330 Resp: 174376

Ion Ratio Lower Upper

330 100

332 97.7 76.8 115.2

141 36.4 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 78.554 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF138589.D

Acq: 19 Jul 2024 14:58

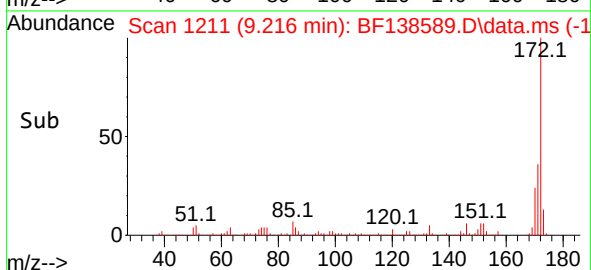
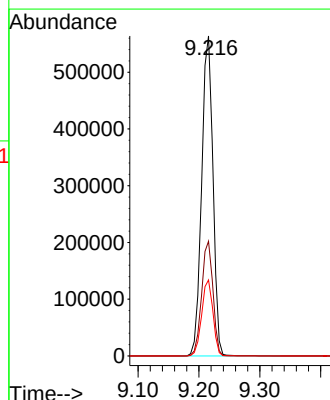
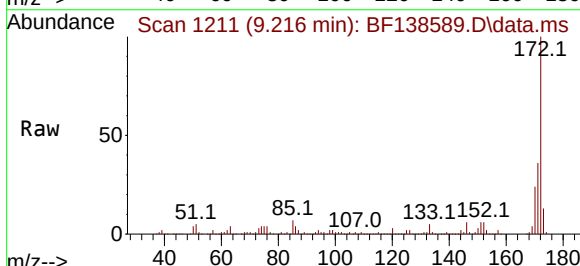
Tgt Ion:172 Resp: 728180

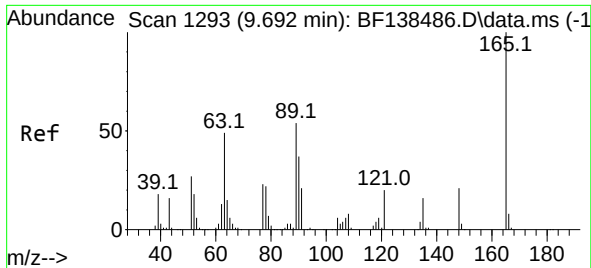
Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

170 23.8 18.9 28.3

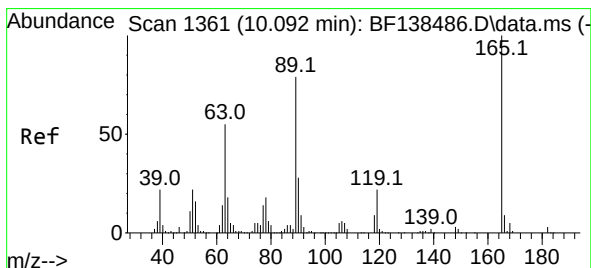
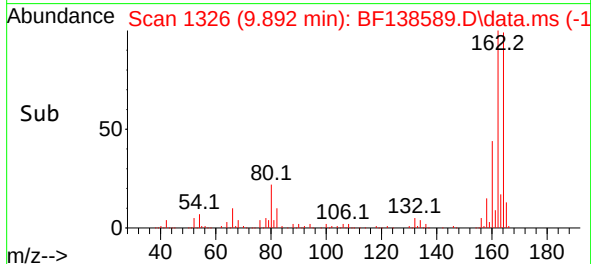
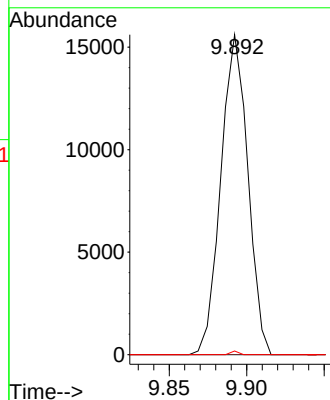
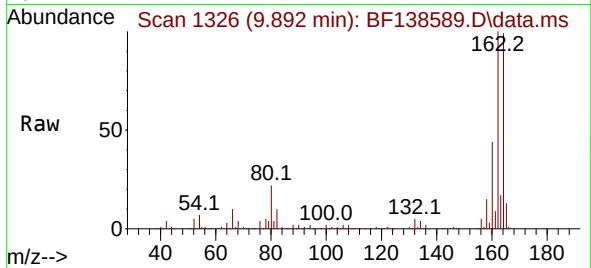




#51
2,6-Dinitrotoluene
Concen: 8.753 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138589.D
Acq: 19 Jul 2024 14:58

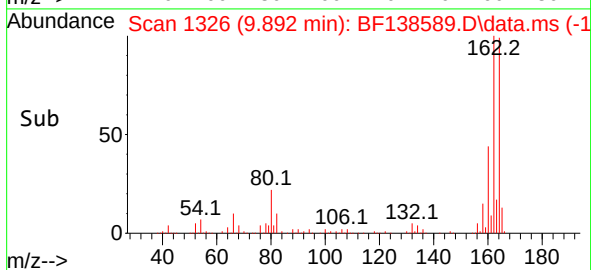
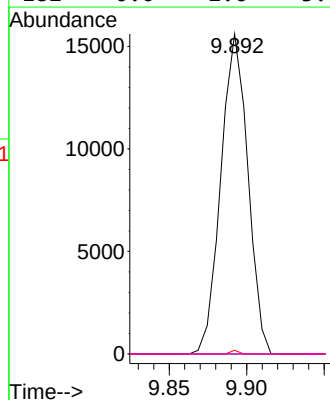
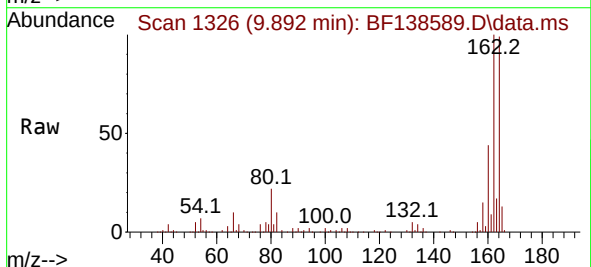
Instrument :
BNA_F
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WC-CTW2-BL-02

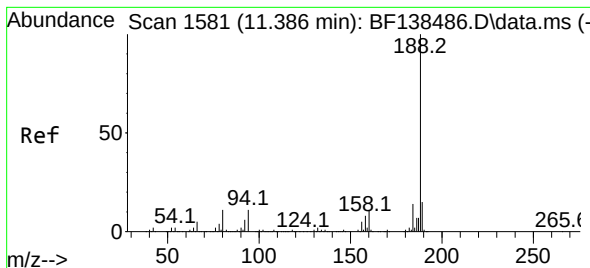
Tgt Ion:165 Resp: 18880
Ion Ratio Lower Upper
165 100
63 0.0 48.1 72.1#
89 1.2 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.765 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF138589.D
Acq: 19 Jul 2024 14:58

Tgt Ion:165 Resp: 18880
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 1.2 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138589.D

Acq: 19 Jul 2024 14:58

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02

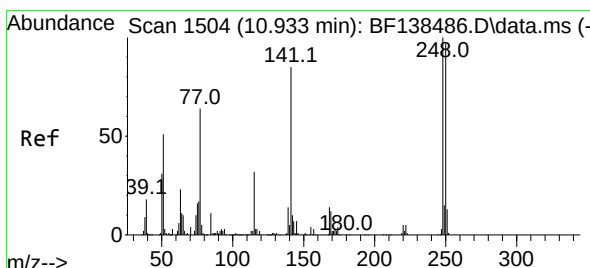
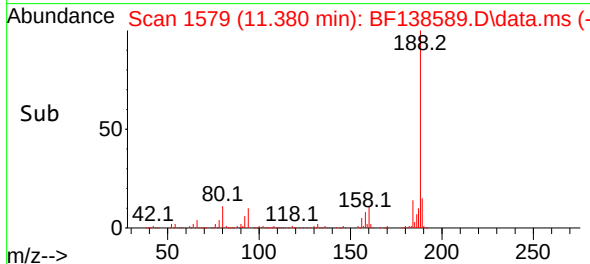
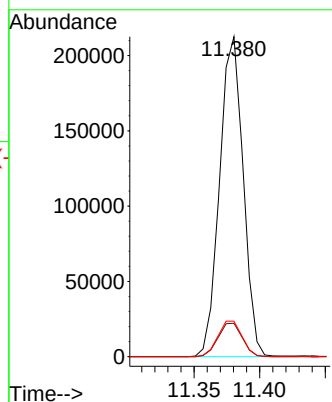
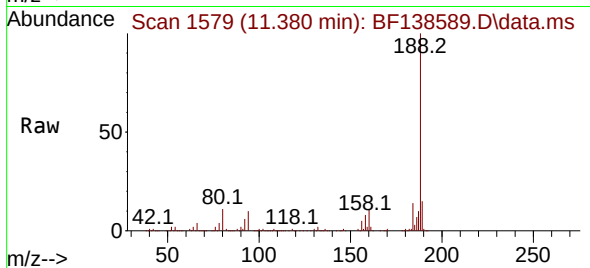
Tgt Ion:188 Resp: 265707

Ion Ratio Lower Upper

188 100

94 10.4 8.7 13.1

80 11.1 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.260 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF138589.D

Acq: 19 Jul 2024 14:58

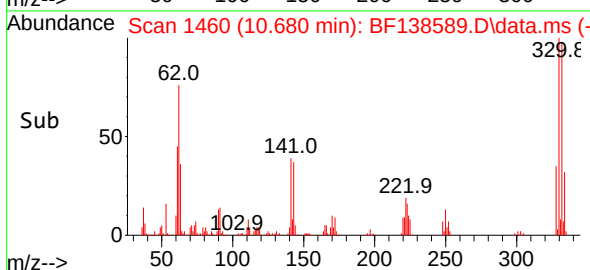
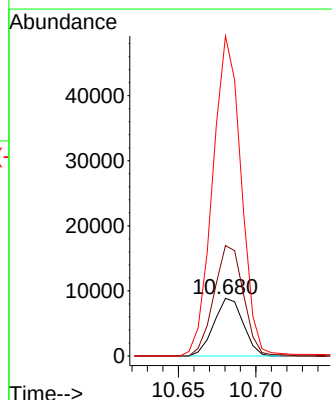
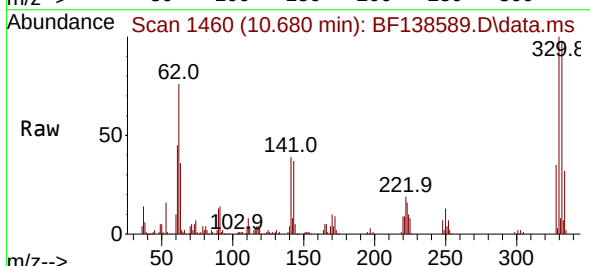
Tgt Ion:248 Resp: 11633

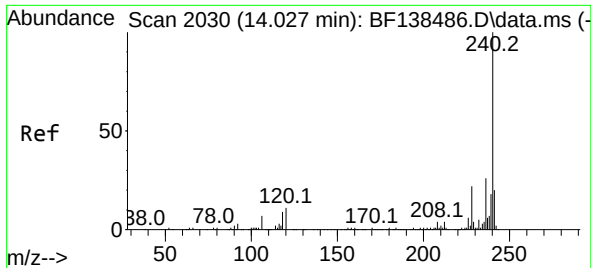
Ion Ratio Lower Upper

248 100

250 191.8 77.9 116.9#

141 556.1 67.7 101.5#

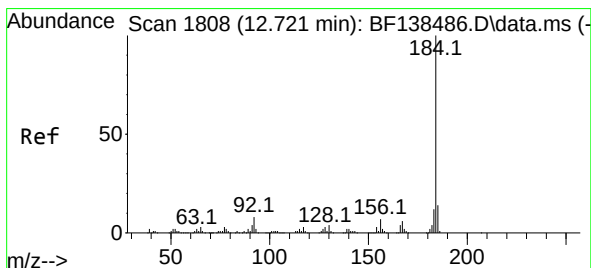
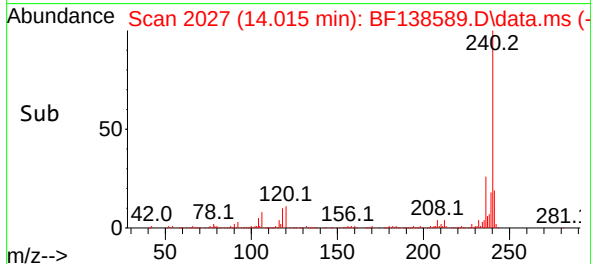
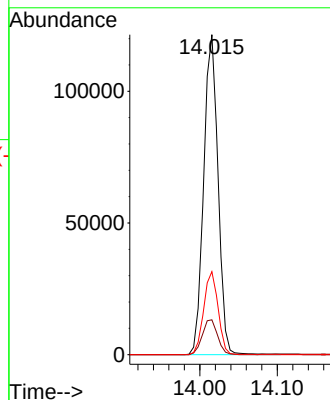
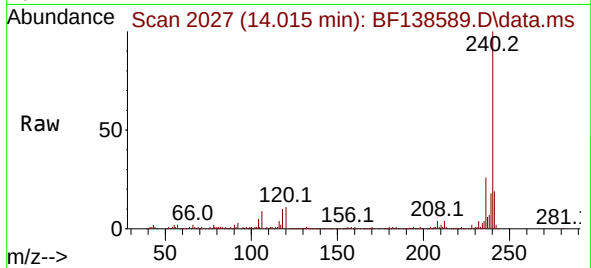




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF138589.D
Acq: 19 Jul 2024 14:58

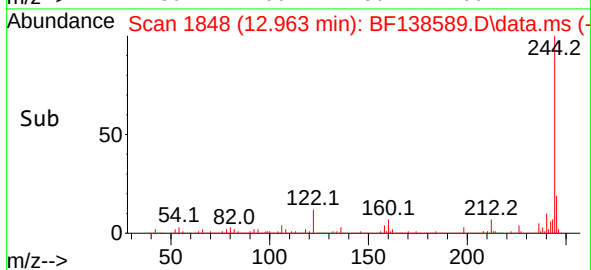
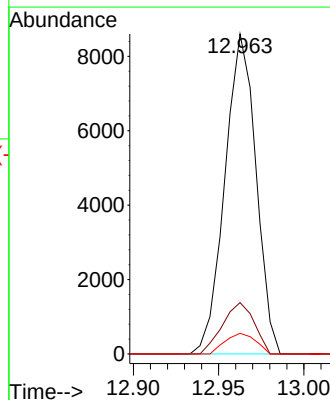
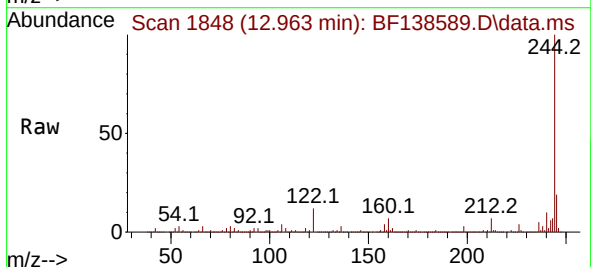
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02

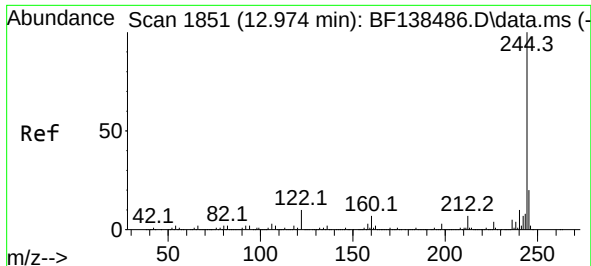
Tgt Ion:240 Resp: 156082
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 25.9 21.0 31.6



#77
Benzidine
Concen: 2.778 ng
RT: 12.963 min Scan# 1848
Delta R.T. 0.242 min
Lab File: BF138589.D
Acq: 19 Jul 2024 14:58

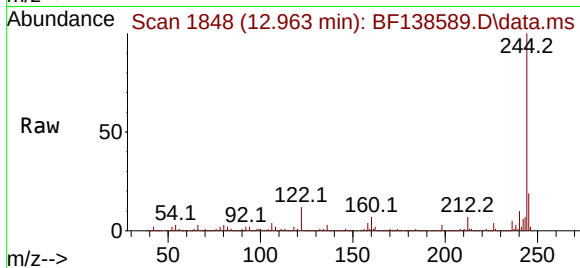
Tgt Ion:184 Resp: 10938
Ion Ratio Lower Upper
184 100
185 16.1 11.3 16.9
183 6.4 9.5 14.3#



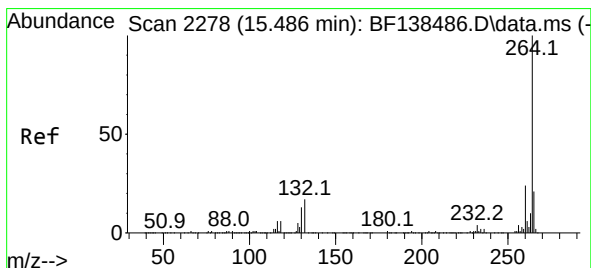
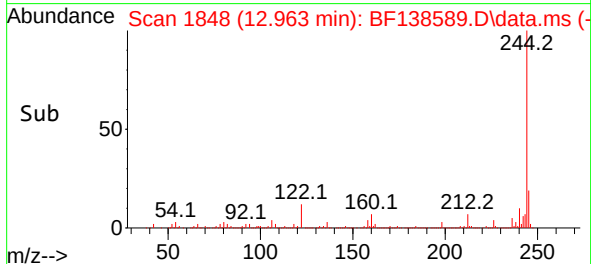
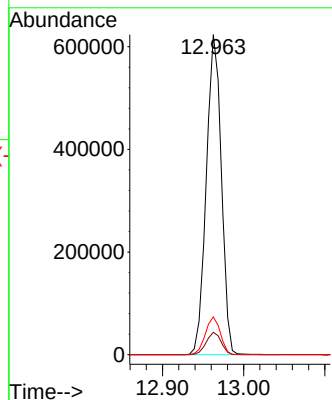


#79
Terphenyl-d14
Concen: 83.654 ng
RT: 12.963 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BF138589.D
Acq: 19 Jul 2024 14:58

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02



Tgt Ion:244 Resp: 801470
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 11.8 7.8 11.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF138589.D
Acq: 19 Jul 2024 14:58

Tgt Ion:264 Resp: 162103
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 21.3 17.0 25.4

