

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138530.D
 Acq On : 11 Jul 2024 18:48
 Operator : CG\JU
 Sample : P3187-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Jul 12 01:12:41 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)

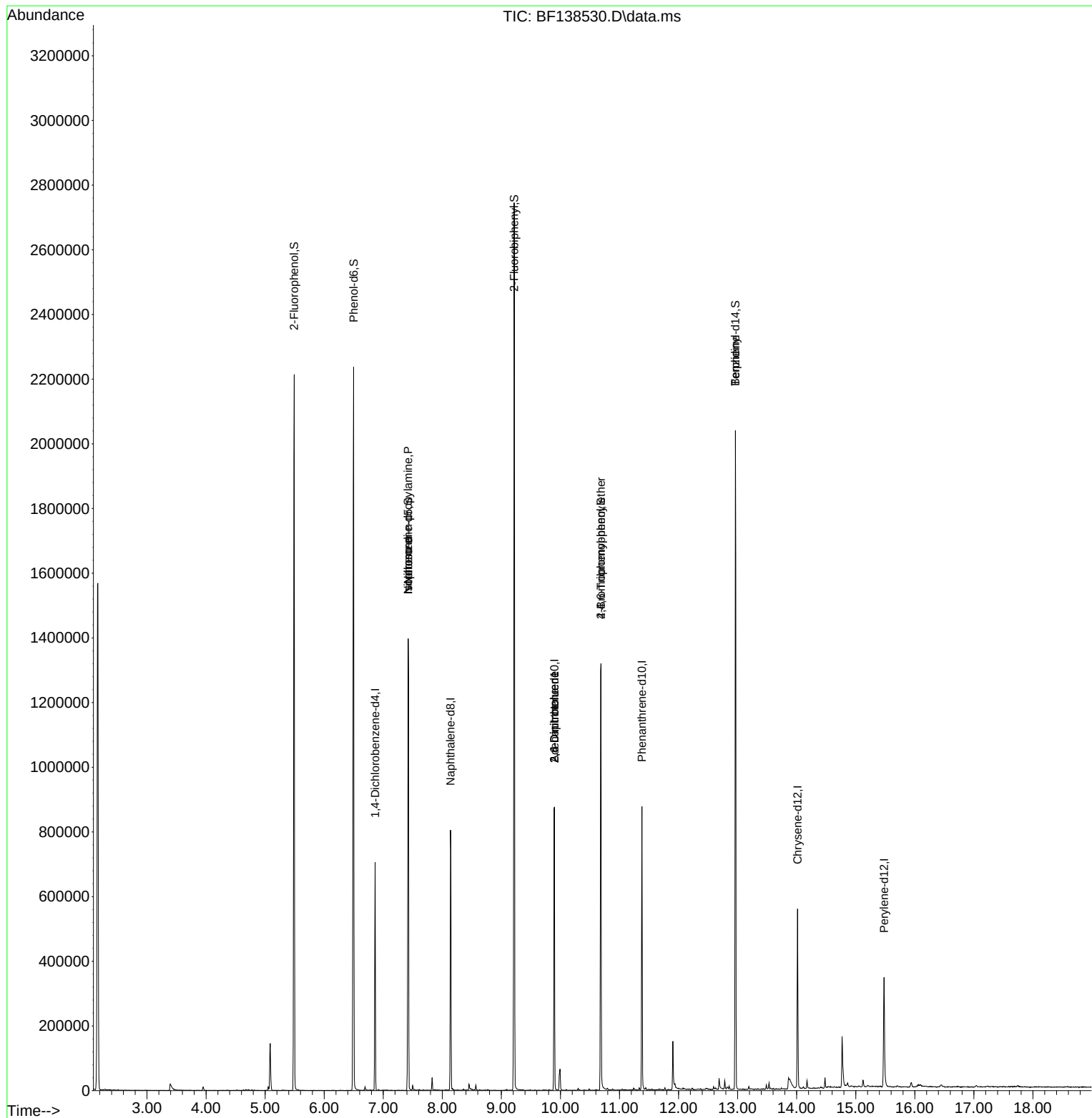
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	87709	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	354705	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	186138	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	281170	20.000	ng	0.00
76) Chrysene-d12	14.015	240	169671	20.000	ng	-0.01
86) Perylene-d12	15.480	264	155800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	521241	94.120	ng	0.00
7) Phenol-d6	6.498	99	693565	94.142	ng	0.00
23) Nitrobenzene-d5	7.422	82	454558	62.919	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	150640	86.592	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	817432	68.636	ng	-0.01
79) Terphenyl-d14	12.962	244	664584	63.811	ng	-0.01
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.422	70	61510	13.512	ng	# 75
25) Isophorone	7.422	82	454546	36.637	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	24348	8.786	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	24348	6.790	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	10126	3.504	ng	# 1
77) Benzidine	12.962	184	9207	2.151	ng	# 89

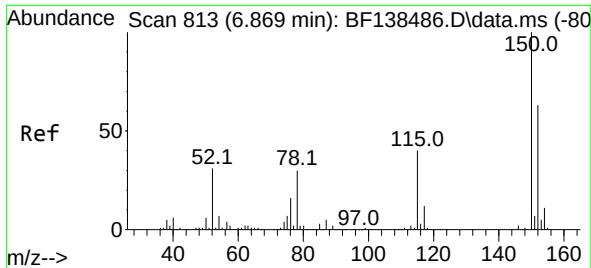
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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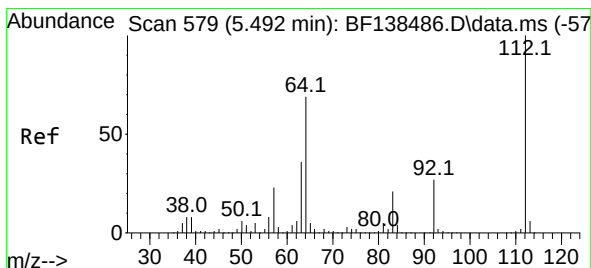
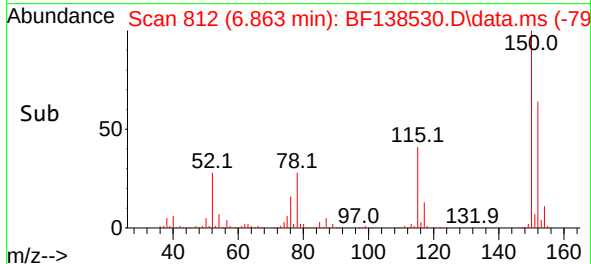
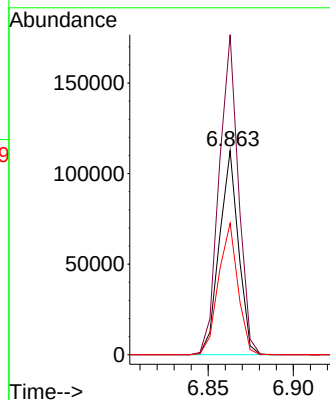
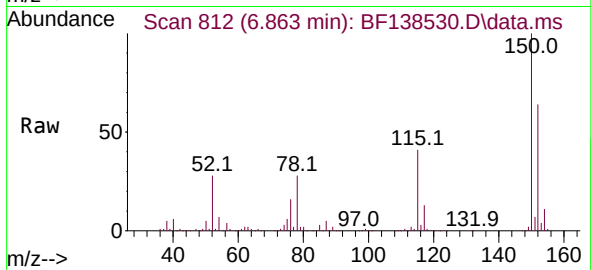




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138530.D
Acq: 11 Jul 2024 18:48

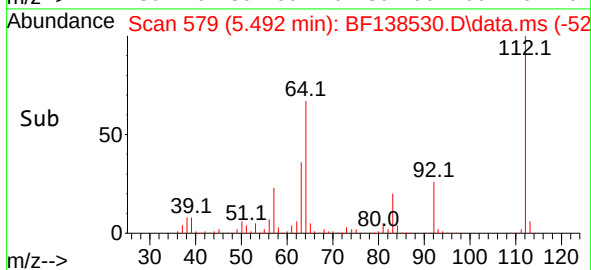
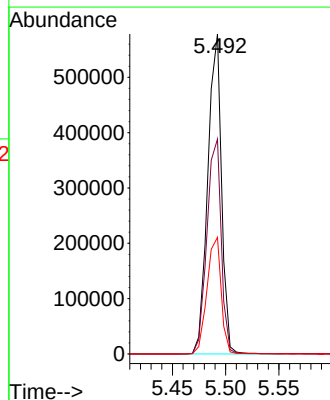
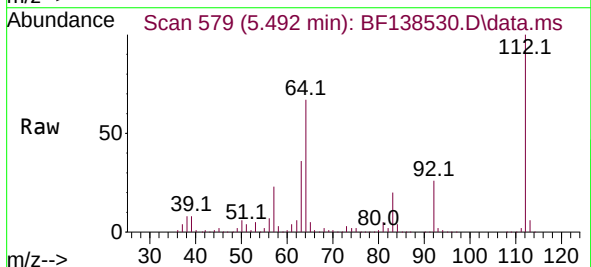
Instrument :
BNA_F
ClientSampleId :
WC-1

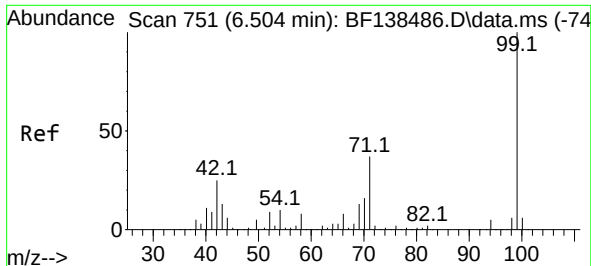
Tgt Ion:152 Resp: 87709
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.4
115 64.4 50.3 75.5



#5
2-Fluorophenol
Concen: 94.120 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF138530.D
Acq: 11 Jul 2024 18:48

Tgt Ion:112 Resp: 521241
Ion Ratio Lower Upper
112 100
64 67.2 55.1 82.7
63 36.4 29.0 43.6

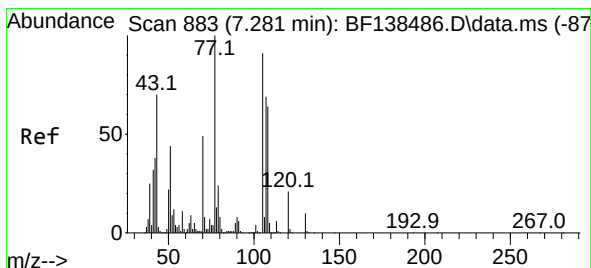
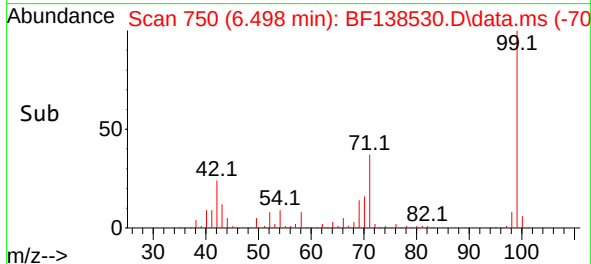
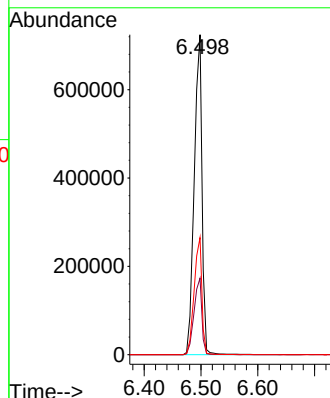
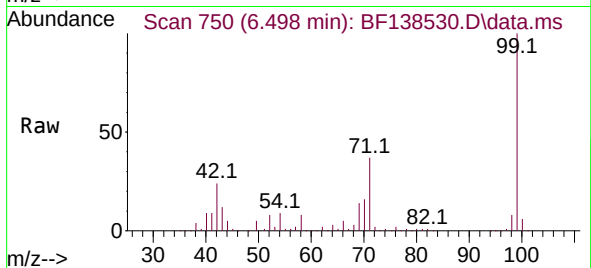




#7
Phenol-d6
Concen: 94.142 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138530.D
Acq: 11 Jul 2024 18:48

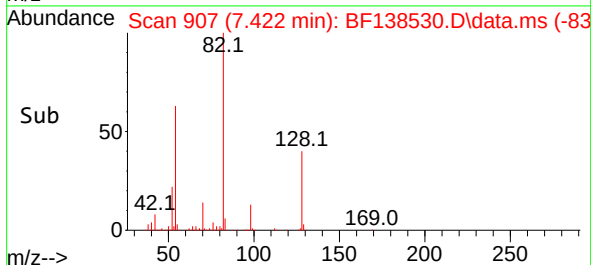
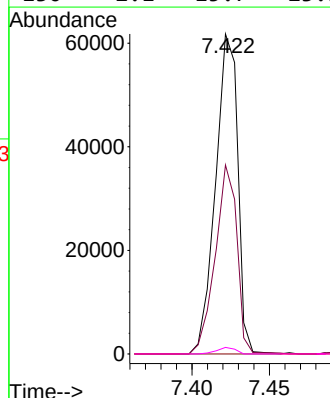
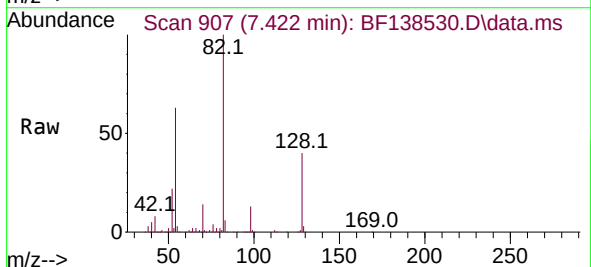
Instrument :
BNA_F
ClientSampleId :
WC-1

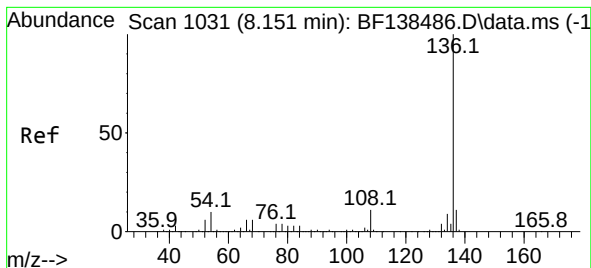
Tgt Ion: 99 Resp: 693565
Ion Ratio Lower Upper
99 100
42 23.9 19.7 29.5
71 36.6 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 13.512 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF138530.D
Acq: 11 Jul 2024 18:48

Tgt Ion: 70 Resp: 61510
Ion Ratio Lower Upper
70 100
42 59.1 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: BF138530.D

Acq: 11 Jul 2024 18:48

Instrument :

BNA_F

ClientSampleId :

WC-1

Tgt Ion:136 Resp: 354705

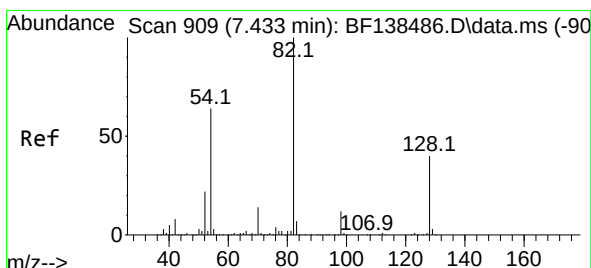
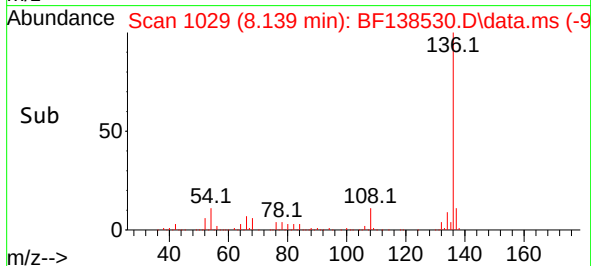
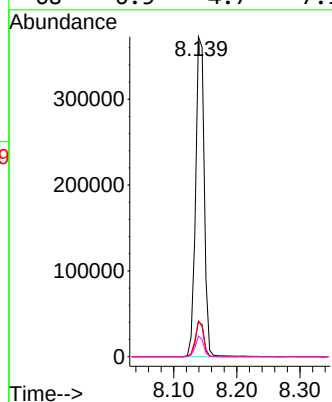
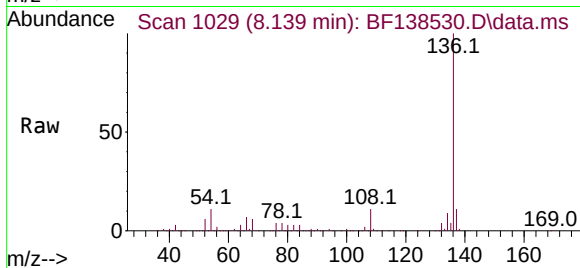
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 11.2 8.1 12.1

68 6.5 4.7 7.1



#23

Nitrobenzene-d5

Concen: 62.919 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF138530.D

Acq: 11 Jul 2024 18:48

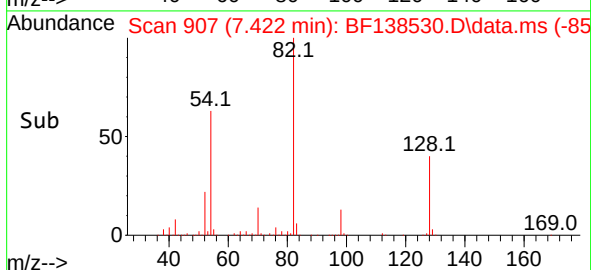
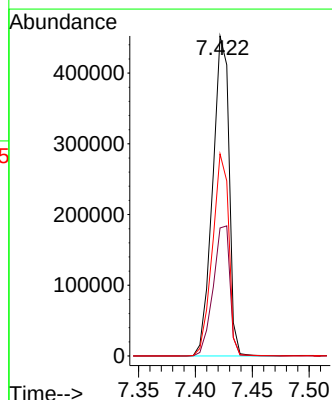
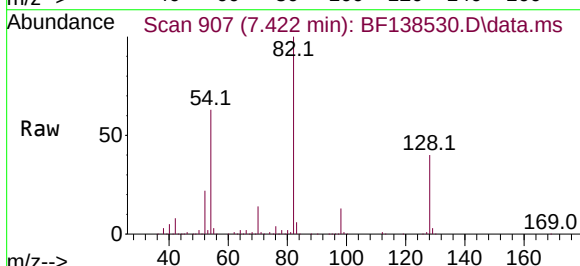
Tgt Ion: 82 Resp: 454558

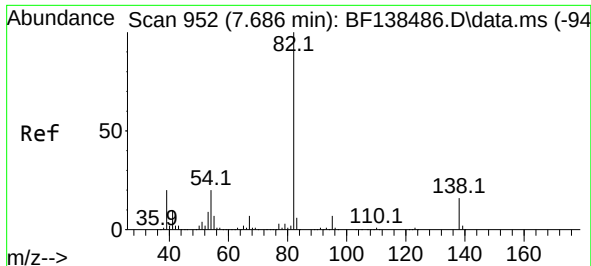
Ion Ratio Lower Upper

82 100

128 40.0 32.3 48.5

54 63.1 51.4 77.0

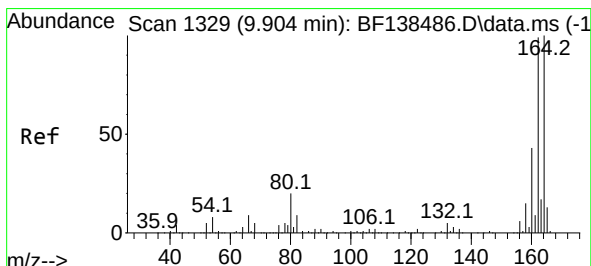
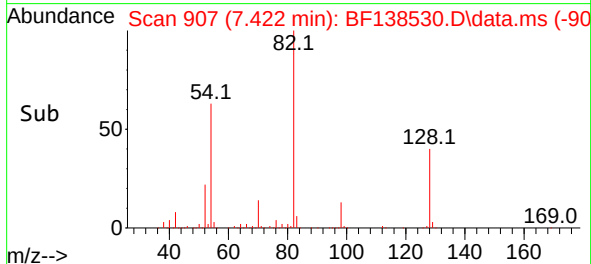
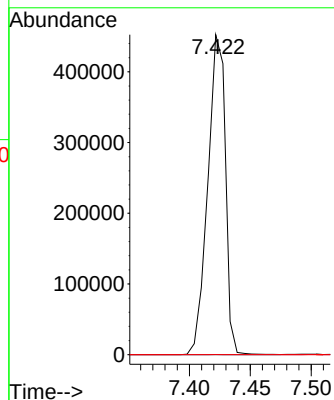
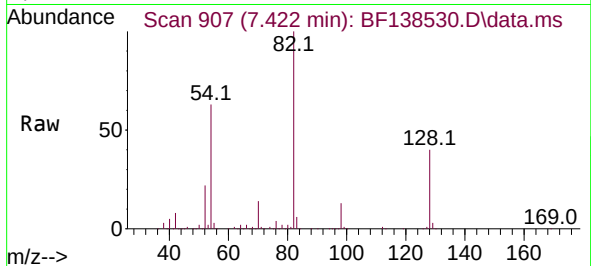




#25
Isophorone
Concen: 36.637 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138530.D
Acq: 11 Jul 2024 18:48

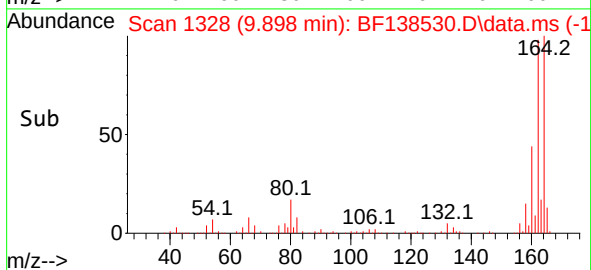
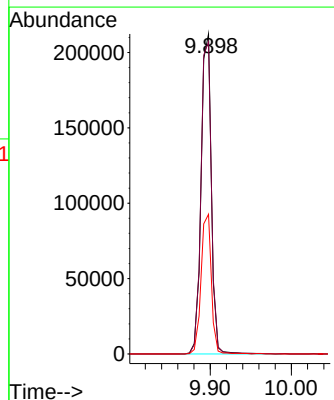
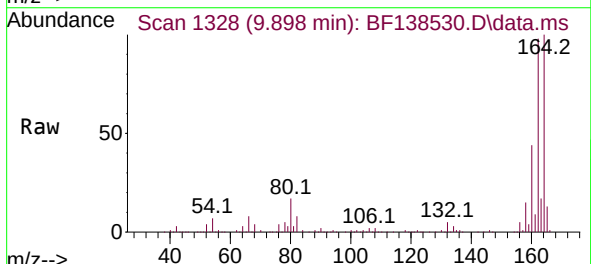
Instrument :
BNA_F
ClientSampleId :
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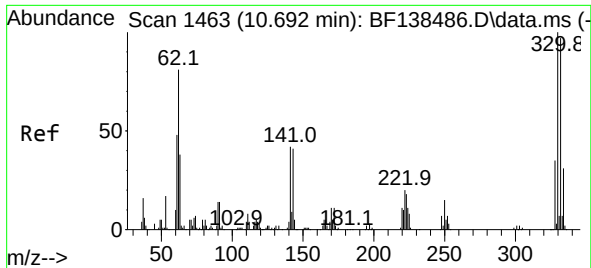
Tgt Ion: 82 Resp: 454546
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138530.D
Acq: 11 Jul 2024 18:48

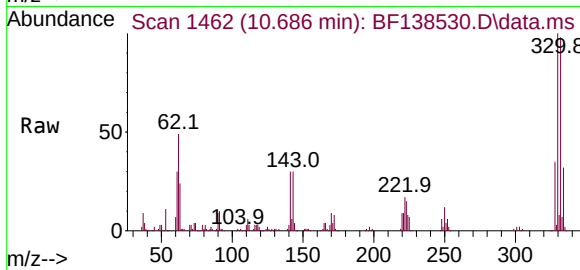
Tgt Ion:164 Resp: 186138
Ion Ratio Lower Upper
164 100
162 97.6 79.0 118.6
160 43.7 34.4 51.6



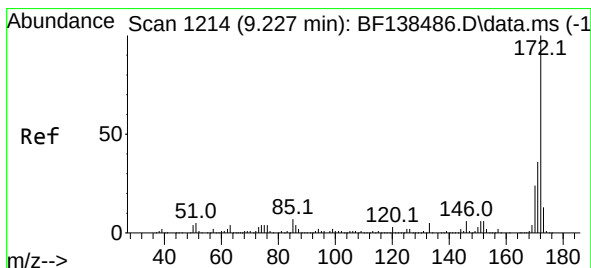
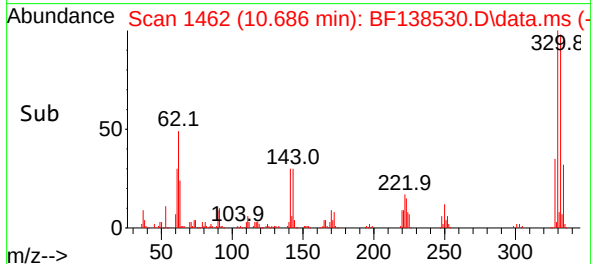
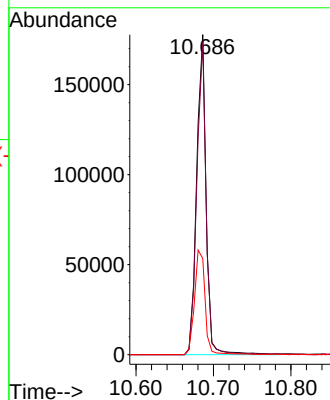


#42
2,4,6-Tribromophenol
Concen: 86.592 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138530.D
Acq: 11 Jul 2024 18:48

Instrument :
BNA_F
ClientSampleId :
WC-1

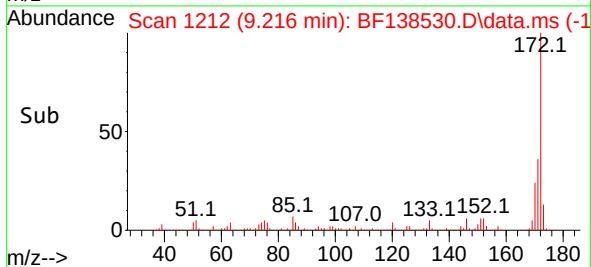
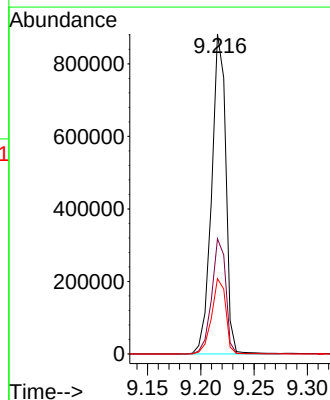
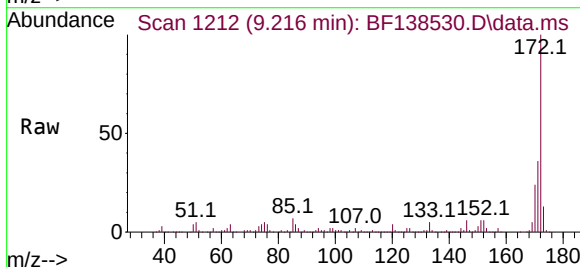


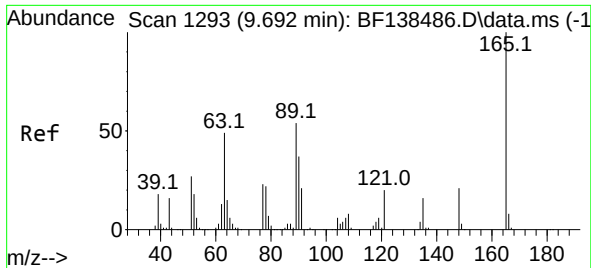
Tgt Ion:330 Resp: 150640
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 36.7 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 68.636 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF138530.D
Acq: 11 Jul 2024 18:48

Tgt Ion:172 Resp: 817432
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.6 18.9 28.3

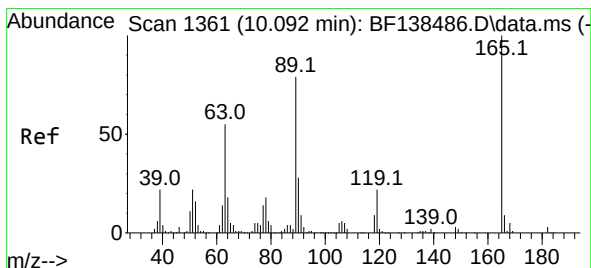
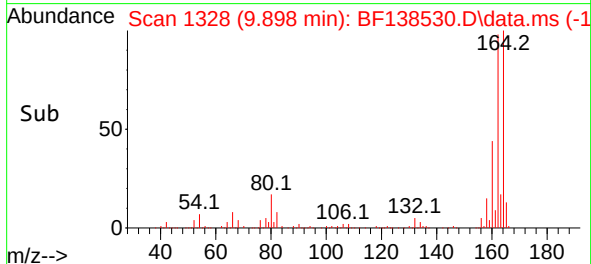
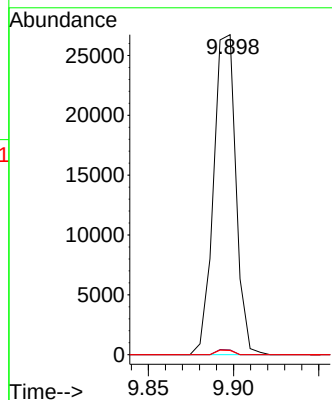
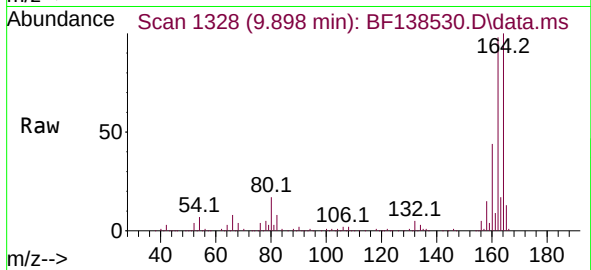




#51
2,6-Dinitrotoluene
Concen: 8.786 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138530.D
Acq: 11 Jul 2024 18:48

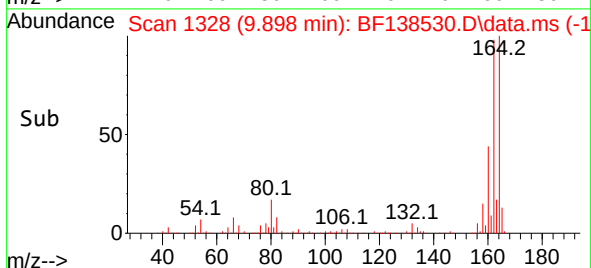
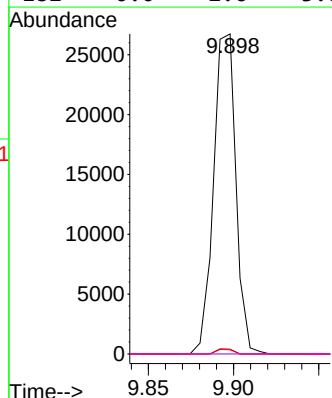
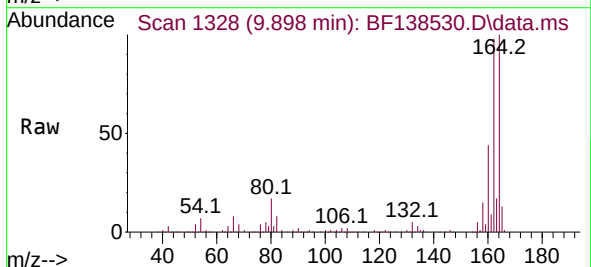
Instrument :
BNA_F
ClientSampleId :
WC-1

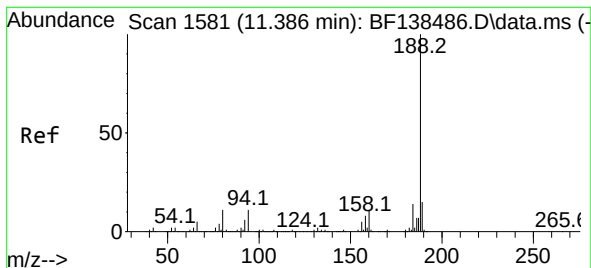
Tgt Ion:165 Resp: 24348
Ion Ratio Lower Upper
165 100
63 1.5 48.1 72.1#
89 1.3 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.790 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF138530.D
Acq: 11 Jul 2024 18:48

Tgt Ion:165 Resp: 24348
Ion Ratio Lower Upper
165 100
63 1.5 44.6 66.8#
89 1.3 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138530.D

Acq: 11 Jul 2024 18:48

Instrument :

BNA_F

ClientSampleId :

WC-1

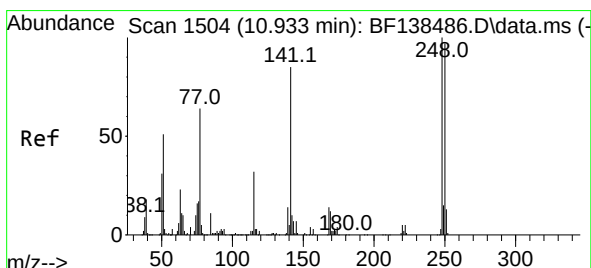
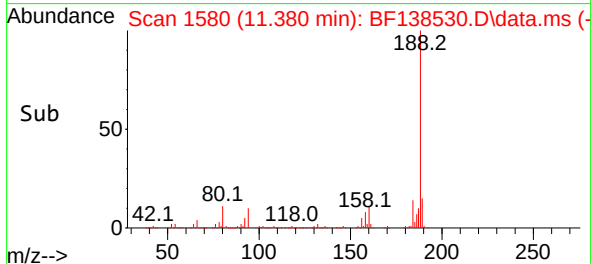
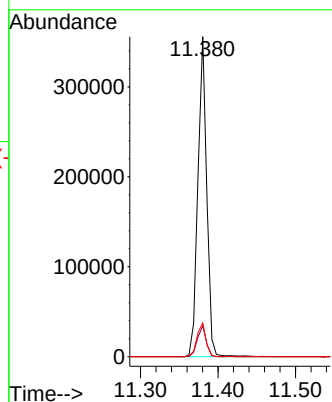
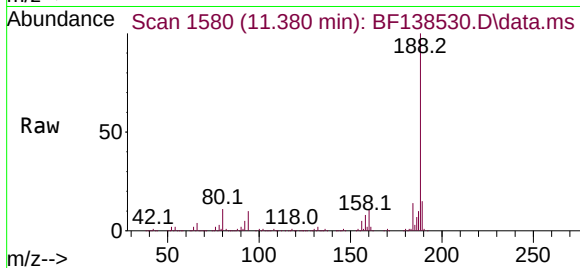
Tgt Ion:188 Resp: 281170

Ion Ratio Lower Upper

188 100

94 9.6 8.7 13.1

80 10.6 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 3.504 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF138530.D

Acq: 11 Jul 2024 18:48

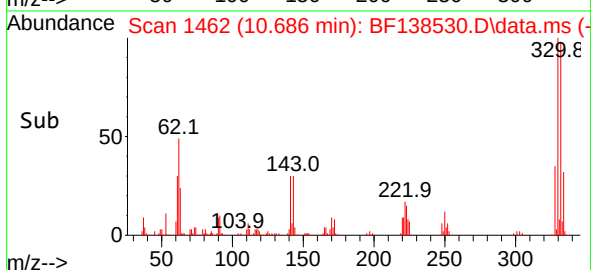
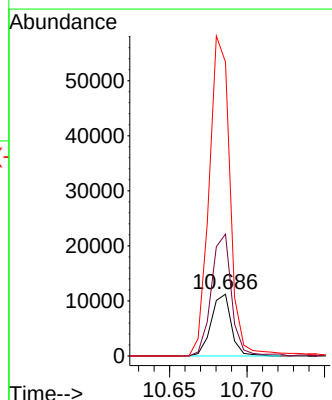
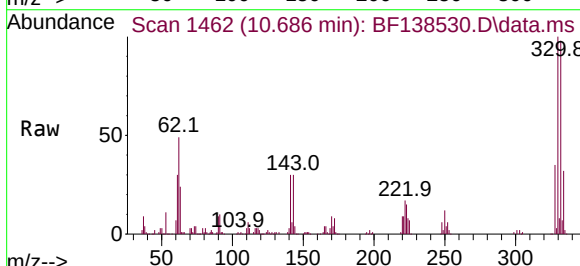
Tgt Ion:248 Resp: 10126

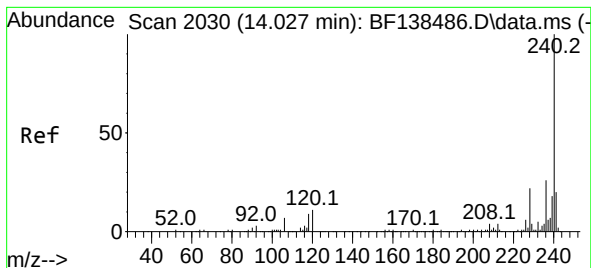
Ion Ratio Lower Upper

248 100

250 197.3 77.9 116.9#

141 475.2 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: BF138530.D

Acq: 11 Jul 2024 18:48

Instrument :

BNA_F

ClientSampleId :

WC-1

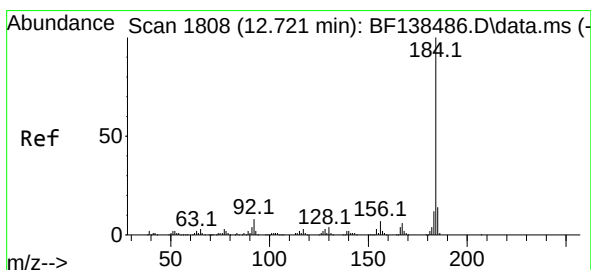
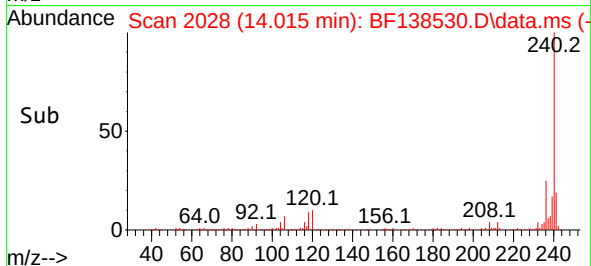
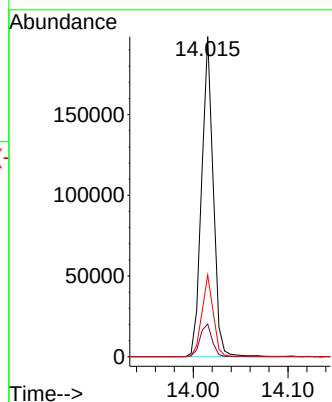
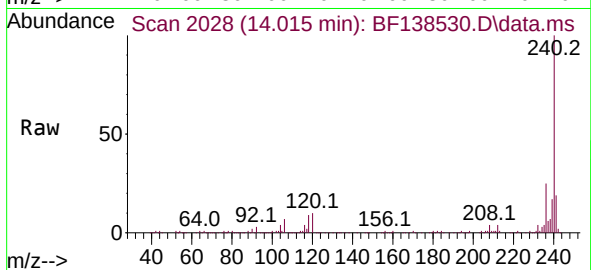
Tgt Ion:240 Resp: 169671

Ion Ratio Lower Upper

240 100

120 10.2 8.6 12.8

236 25.5 21.0 31.6



#77

Benzidine

Concen: 2.151 ng

RT: 12.962 min Scan# 1849

Delta R.T. 0.241 min

Lab File: BF138530.D

Acq: 11 Jul 2024 18:48

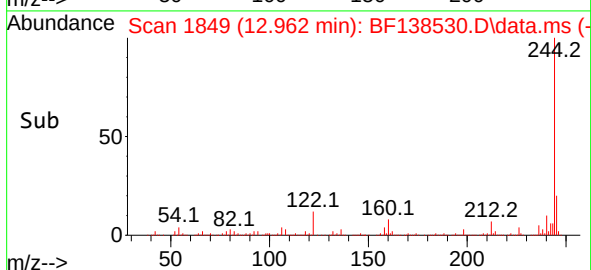
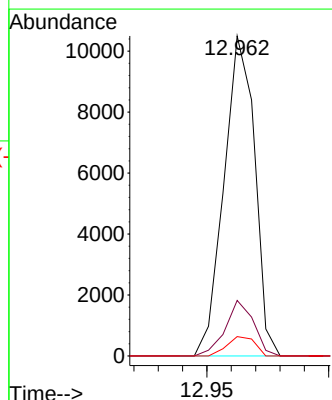
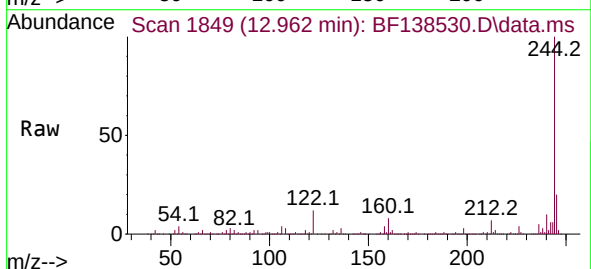
Tgt Ion:184 Resp: 9207

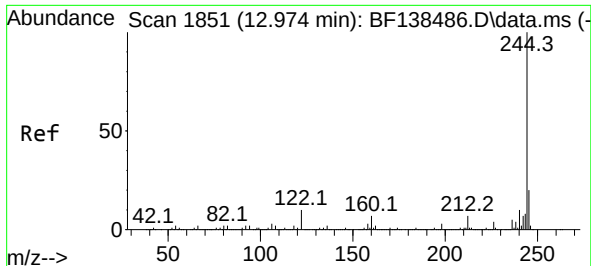
Ion Ratio Lower Upper

184 100

185 17.4 11.3 16.9#

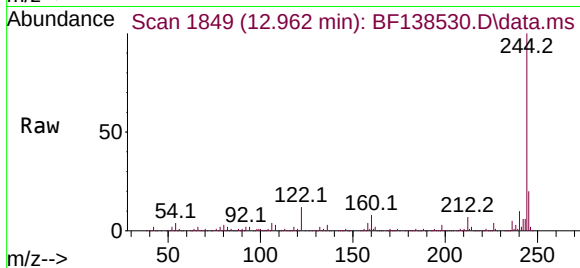
183 6.0 9.5 14.3#



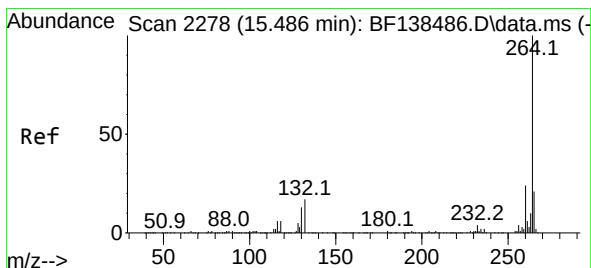
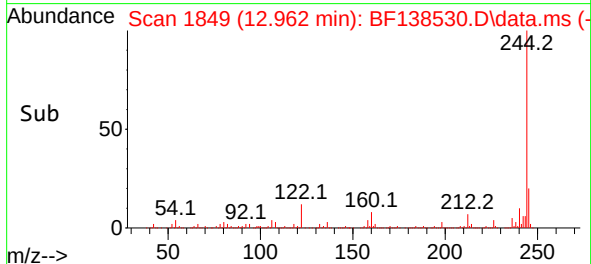
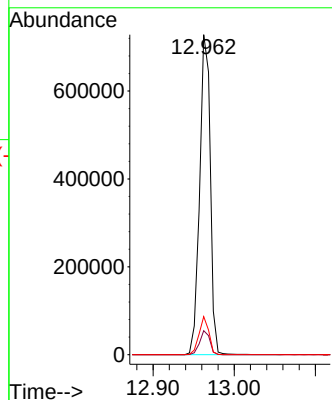


#79
 Terphenyl-d14
 Concen: 63.811 ng
 RT: 12.962 min Scan# 1849
 Delta R.T. -0.012 min
 Lab File: BF138530.D
 Acq: 11 Jul 2024 18:48

Instrument :
 BNA_F
 ClientSampleId :
 WC-1



Tgt Ion:244 Resp: 664584
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.5 8.3
 122 11.9 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.006 min
 Lab File: BF138530.D
 Acq: 11 Jul 2024 18:48

Tgt Ion:264 Resp: 155800
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.4 17.0 25.4

