

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138580.D
 Acq On : 19 Jul 2024 10:30
 Operator : RC/JU
 Sample : P3246-12RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-03

Quant Time: Jul 19 11:32:10 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)

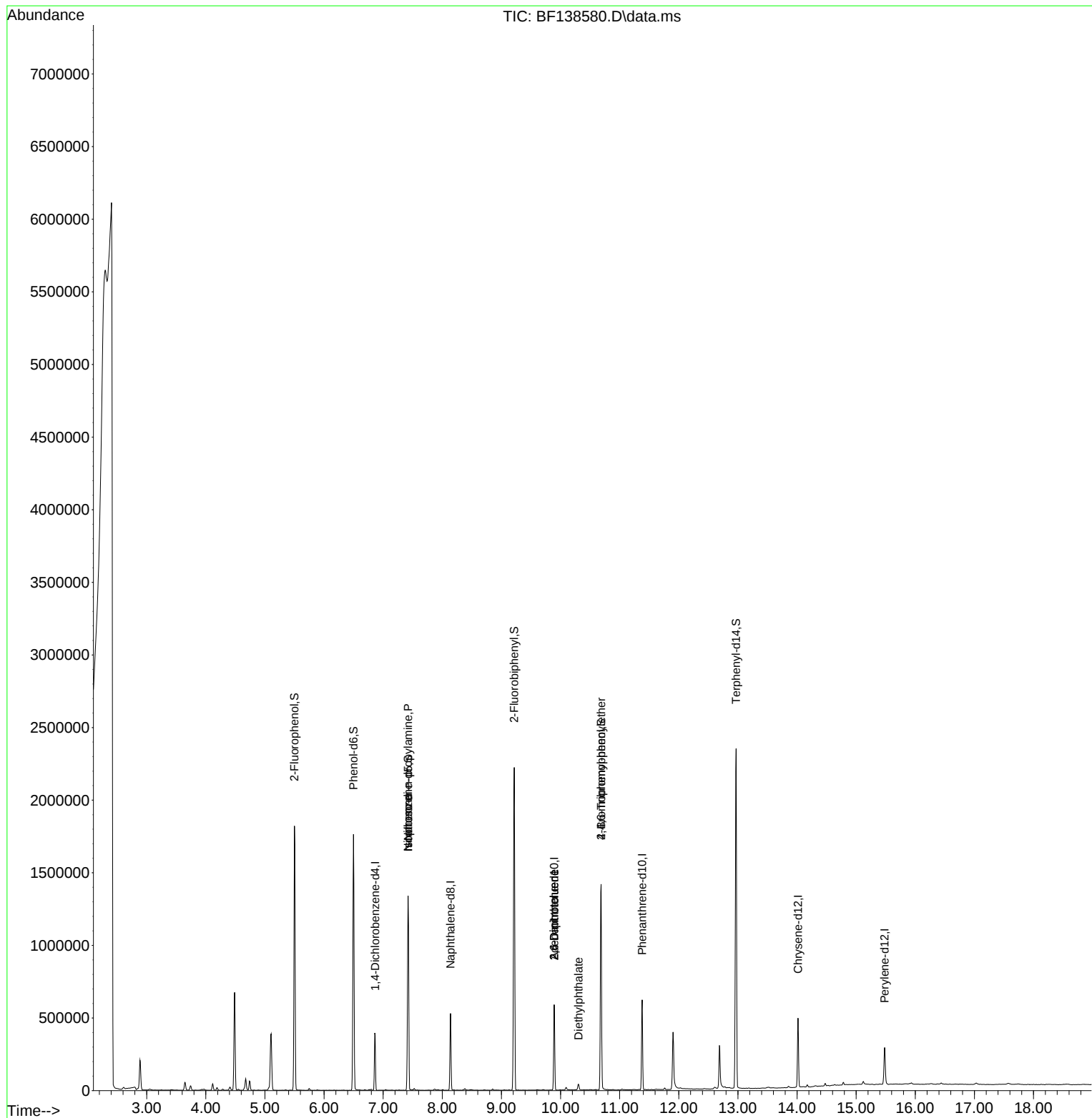
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	77053	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	306640	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	169418	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	306599	20.000	ng	0.00
76) Chrysene-d12	14.016	240	208511	20.000	ng	-0.01
86) Perylene-d12	15.480	264	127176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	613229	126.044	ng	0.00
7) Phenol-d6	6.498	99	788525	121.833	ng	0.00
23) Nitrobenzene-d5	7.422	82	597969	95.744	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	231938	146.483	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	974685	89.916	ng	-0.01
79) Terphenyl-d14	12.969	244	1156327	90.345	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	80376	20.098	ng	# 75
25) Isophorone	7.422	82	596182	55.586	ng	# 67
51) 2,6-Dinitrotoluene	9.892	165	21702	8.604	ng	# 24
57) 2,4-Dinitrotoluene	9.892	165	21702	6.650	ng	# 19
60) Diethylphthalate	10.304	149	28625	2.710	ng	# 98
67) 4-Bromophenyl-phenylether	10.686	248	15313	4.859	ng	# 1

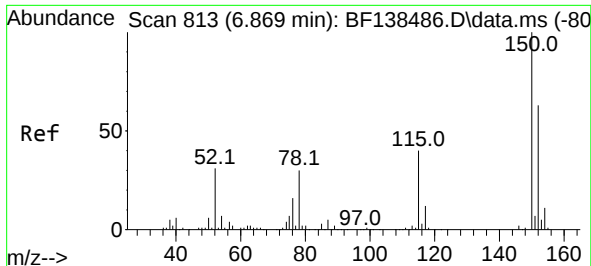
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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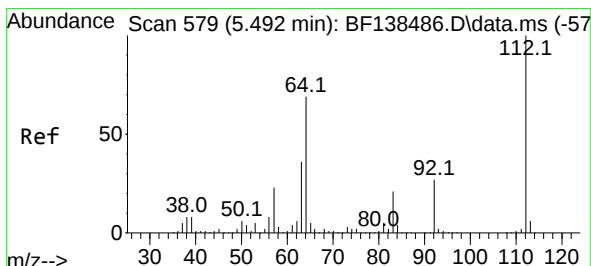
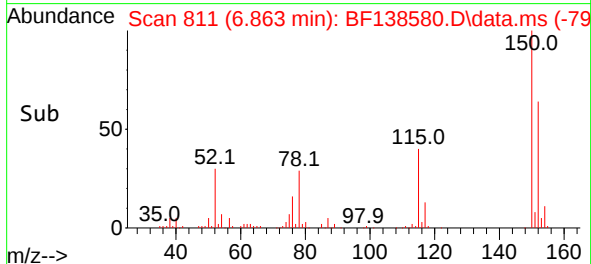
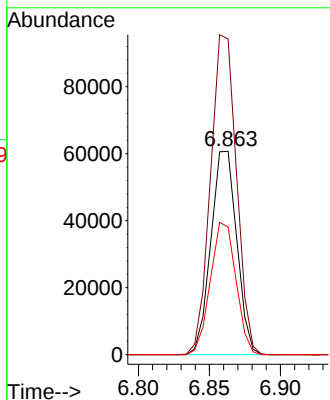
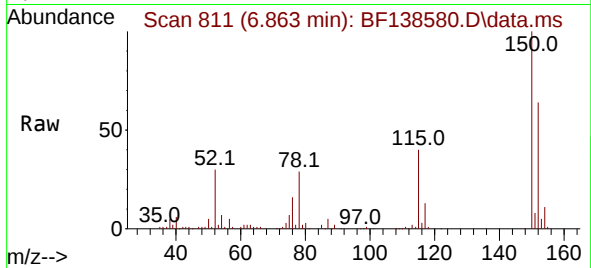




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138580.D
Acq: 19 Jul 2024 10:30

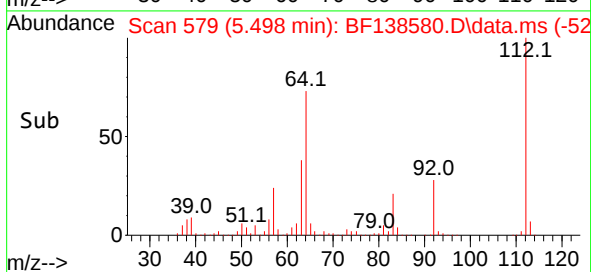
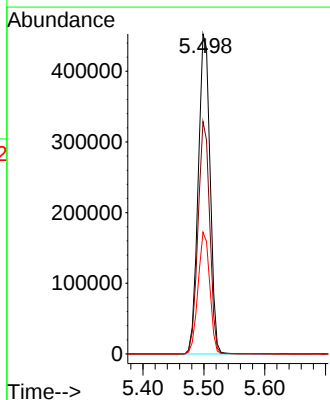
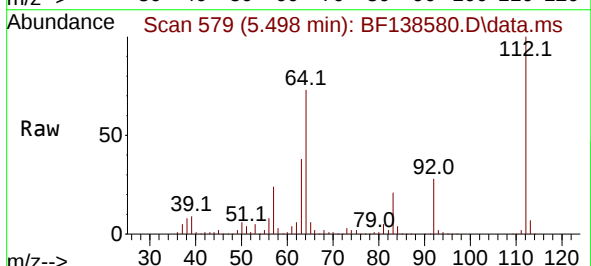
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-03

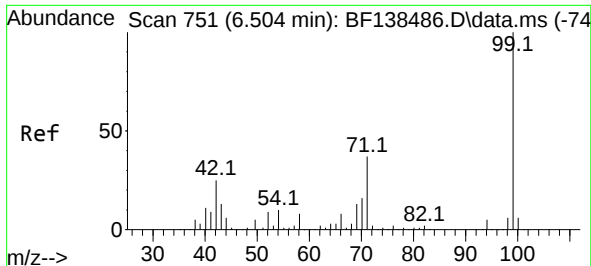
Tgt Ion:152 Resp: 77053
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.4
115 62.8 50.3 75.5



#5
2-Fluorophenol
Concen: 126.044 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF138580.D
Acq: 19 Jul 2024 10:30

Tgt Ion:112 Resp: 613229
Ion Ratio Lower Upper
112 100
64 72.7 55.1 82.7
63 38.0 29.0 43.6

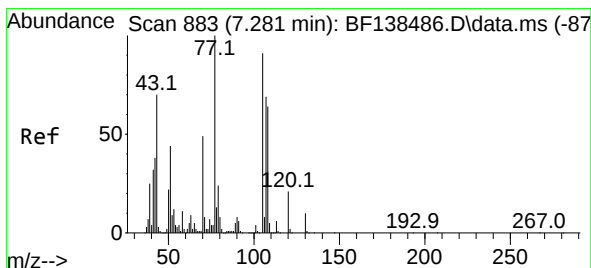
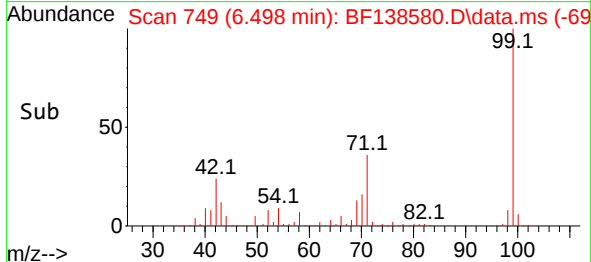
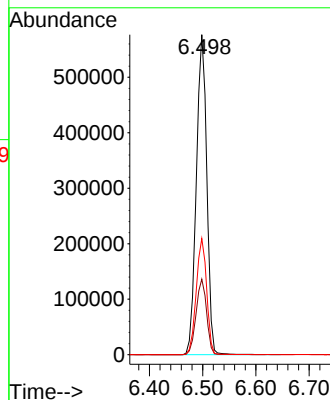
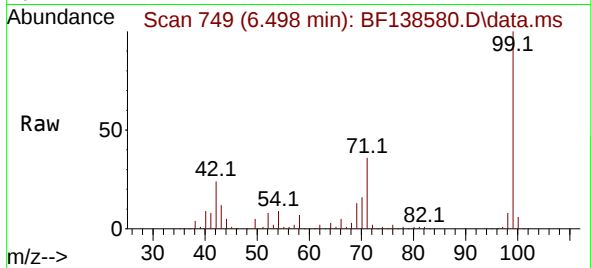




#7
Phenol-d6
Concen: 121.833 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138580.D
Acq: 19 Jul 2024 10:30

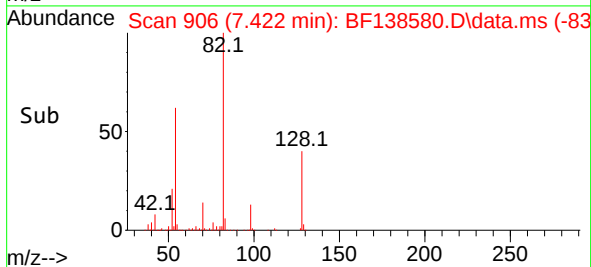
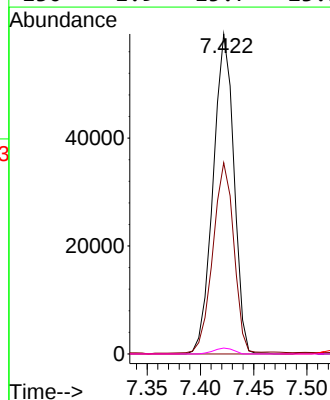
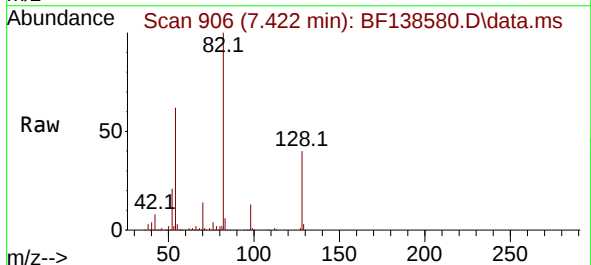
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-03

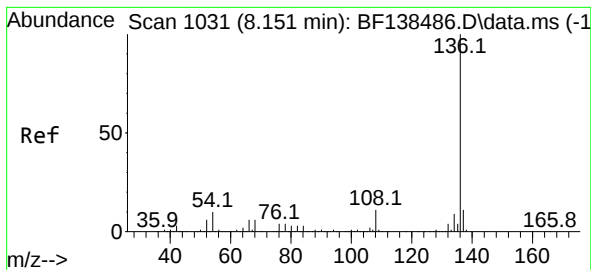
Tgt Ion: 99 Resp: 788525
Ion Ratio Lower Upper
99 100
42 23.6 19.7 29.5
71 36.3 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.098 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF138580.D
Acq: 19 Jul 2024 10:30

Tgt Ion: 70 Resp: 80376
Ion Ratio Lower Upper
70 100
42 59.7 62.4 93.6#
101 0.0 7.2 10.8#
130 1.9 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: BF138580.D

Acq: 19 Jul 2024 10:30

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-03

Tgt Ion:136 Resp: 306640

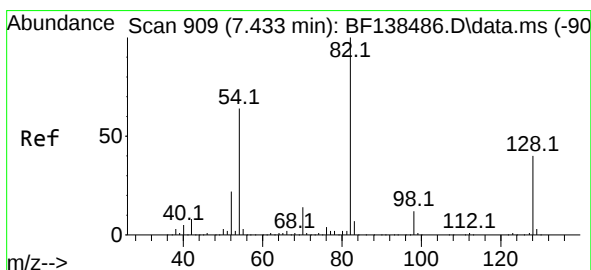
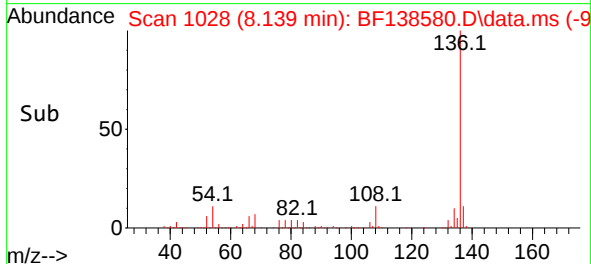
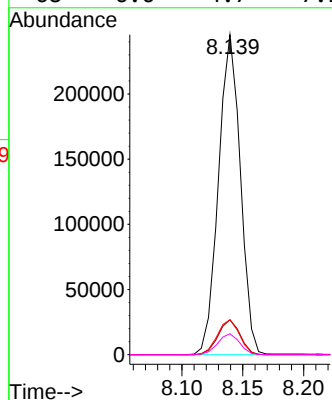
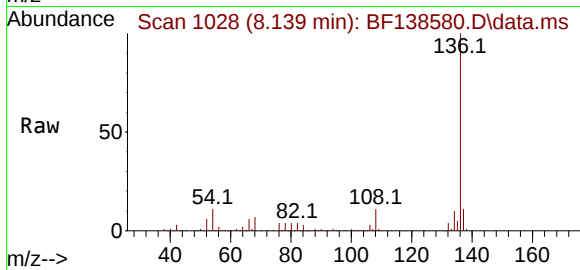
Ion Ratio Lower Upper

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: 95.744 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF138580.D

Acq: 19 Jul 2024 10:30

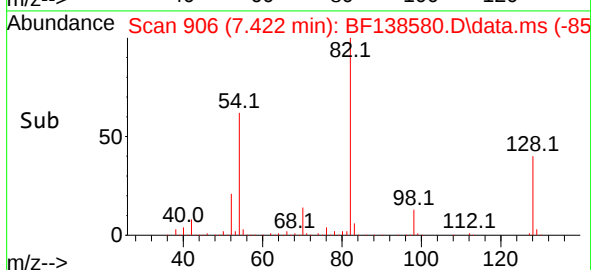
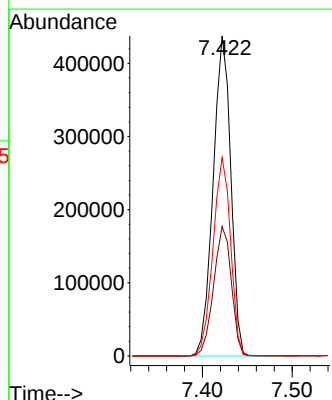
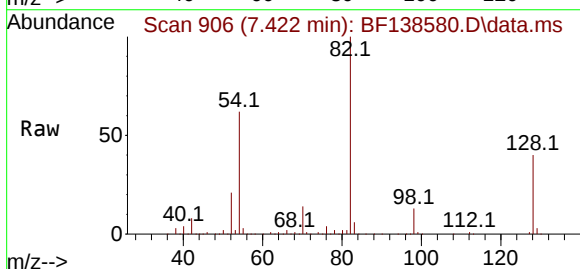
Tgt Ion: 82 Resp: 597969

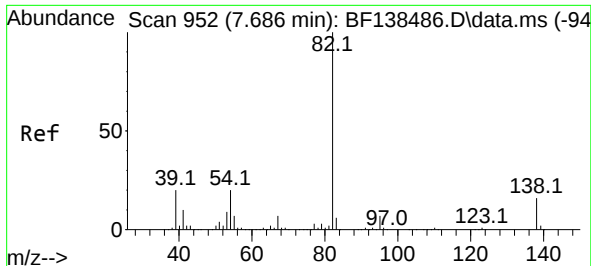
Ion Ratio Lower Upper

82 100

128 40.4 32.3 48.5

54 62.0 51.4 77.0

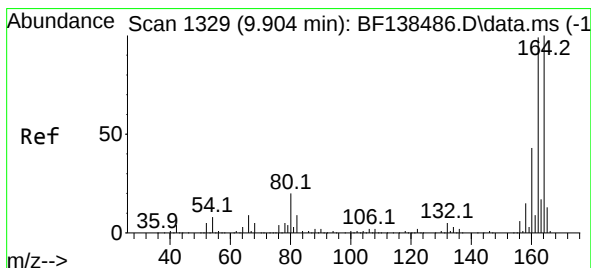
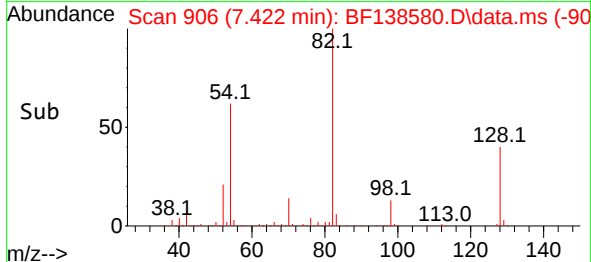
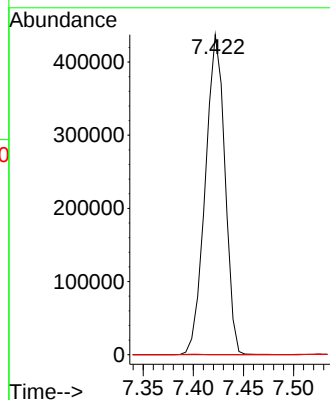
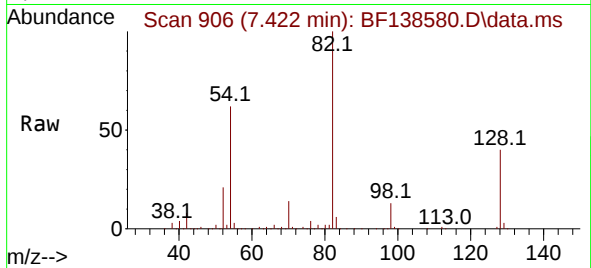




#25
Isophorone
Concen: 55.586 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.264 min
Lab File: BF138580.D
Acq: 19 Jul 2024 10:30

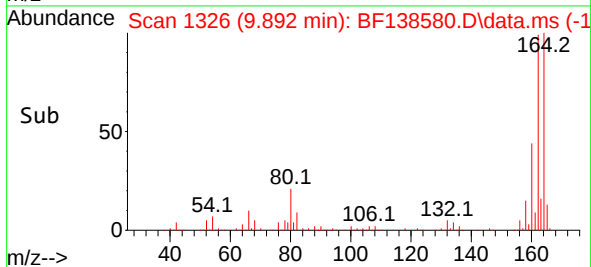
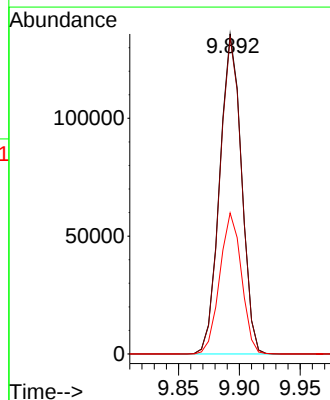
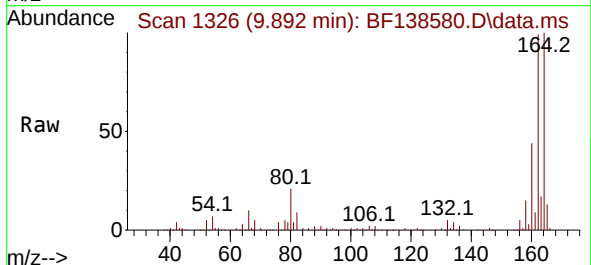
Instrument :
BNA_F
ClientSampleId :
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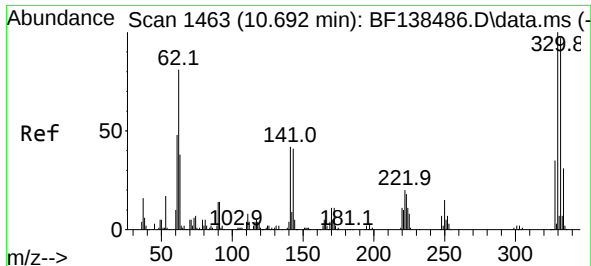
Tgt Ion: 82 Resp: 596182
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF138580.D
Acq: 19 Jul 2024 10:30

Tgt Ion:164 Resp: 169418
Ion Ratio Lower Upper
164 100
162 98.9 79.0 118.6
160 44.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 146.483 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF138580.D

Acq: 19 Jul 2024 10:30

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-03

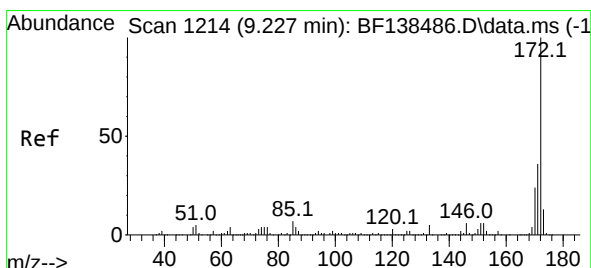
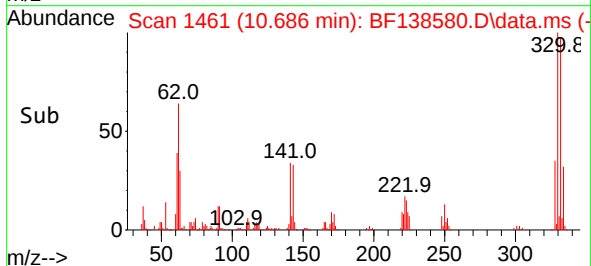
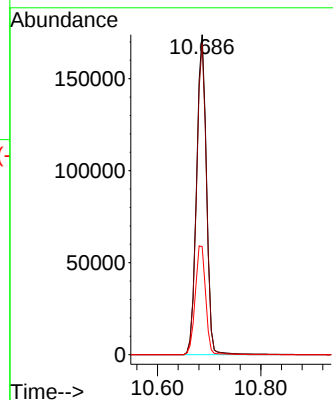
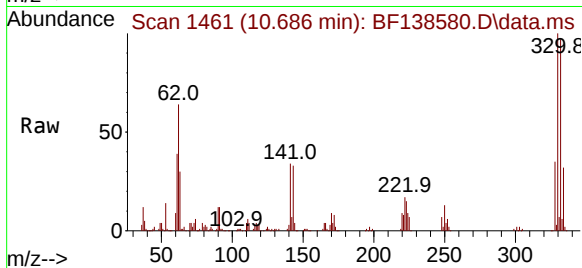
Tgt Ion:330 Resp: 231938

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

141 35.7 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 89.916 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF138580.D

Acq: 19 Jul 2024 10:30

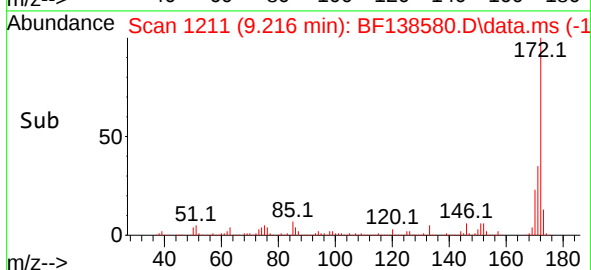
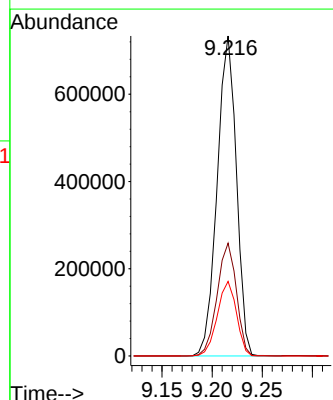
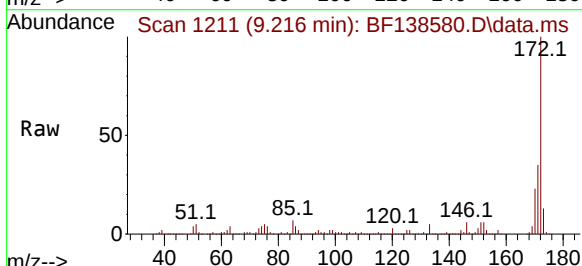
Tgt Ion:172 Resp: 974685

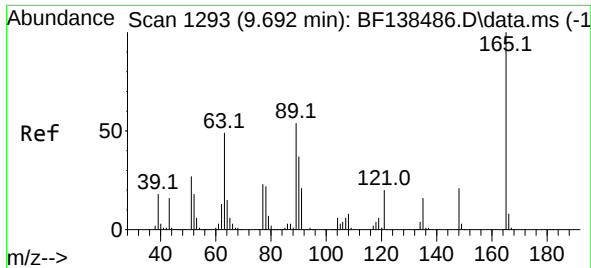
Ion Ratio Lower Upper

172 100

171 35.3 28.9 43.3

170 23.3 18.9 28.3

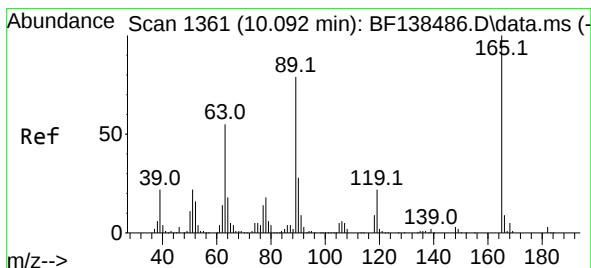
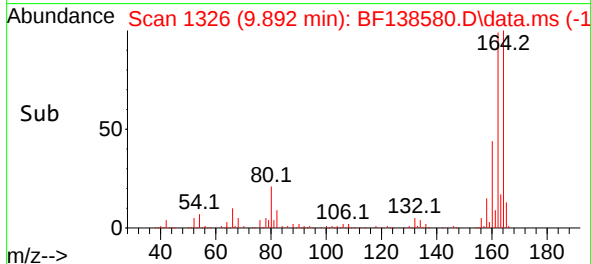
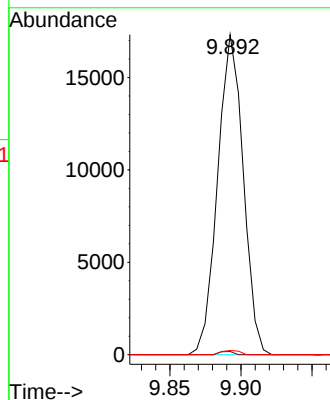
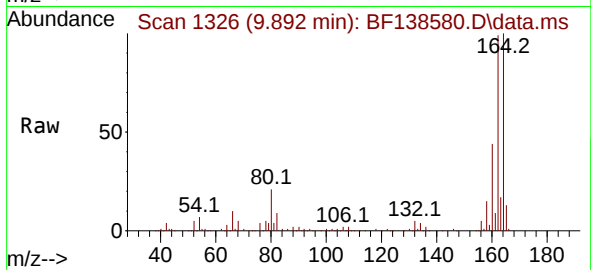




#51
2,6-Dinitrotoluene
Concen: 8.604 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138580.D
Acq: 19 Jul 2024 10:30

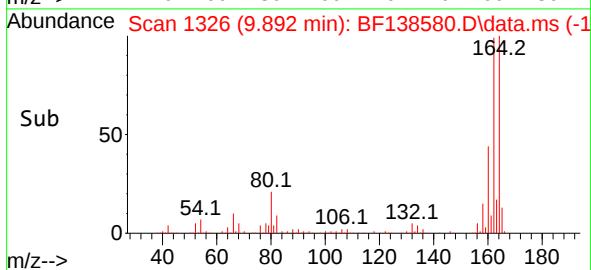
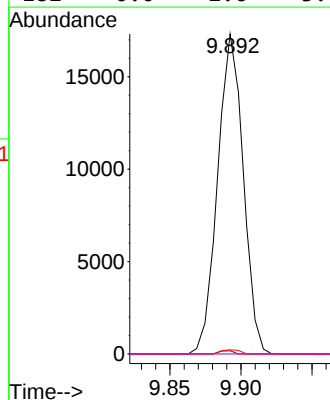
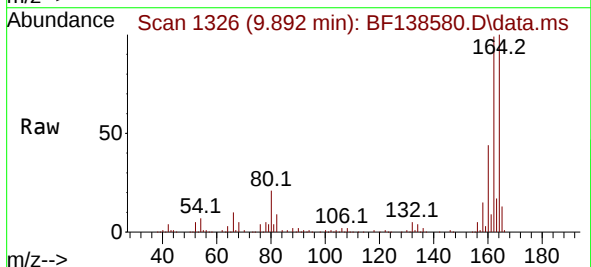
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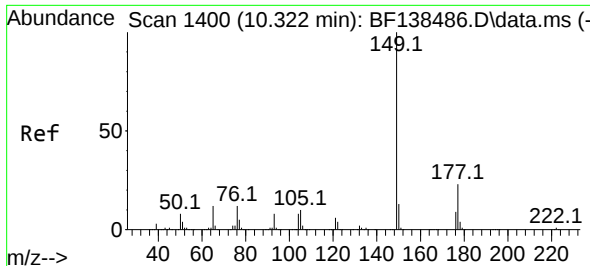
Tgt Ion:165 Resp: 21702
Ion Ratio Lower Upper
165 100
63 1.0 48.1 72.1#
89 1.3 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.650 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF138580.D
Acq: 19 Jul 2024 10:30

Tgt Ion:165 Resp: 21702
Ion Ratio Lower Upper
165 100
63 1.0 44.6 66.8#
89 1.3 63.4 95.2#
182 0.0 2.6 3.8#

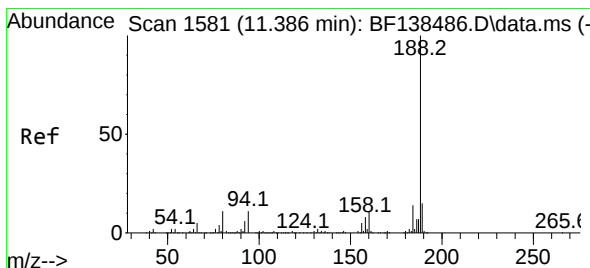
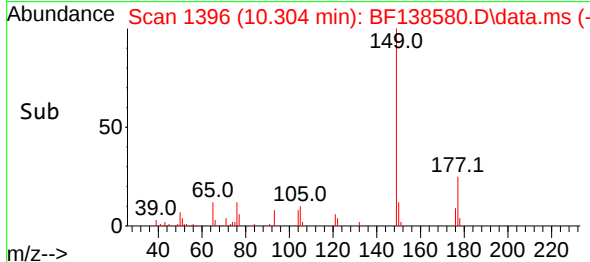
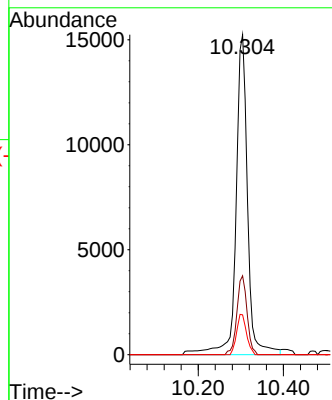
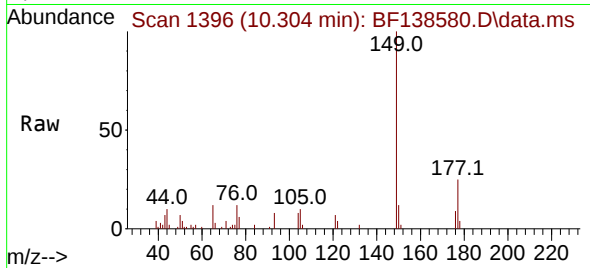




#60
Diethylphthalate
Concen: 2.710 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138580.D
Acq: 19 Jul 2024 10:30

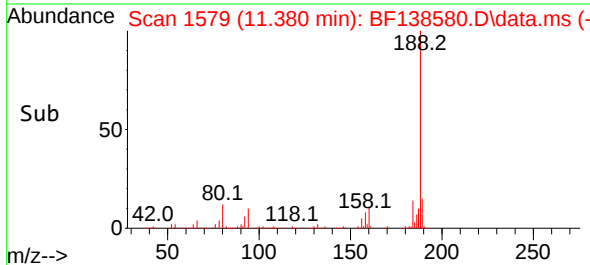
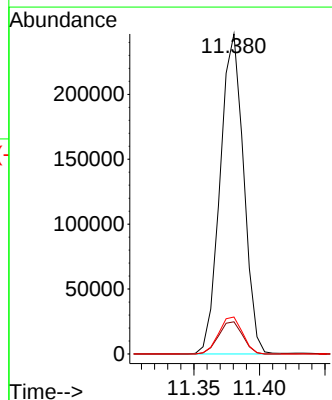
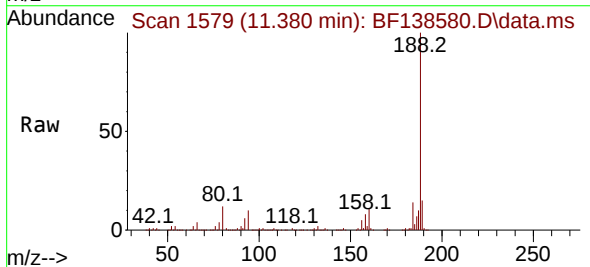
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-03

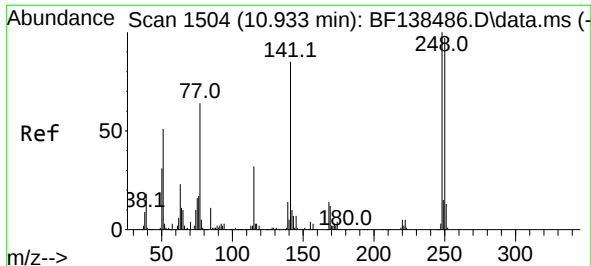
Tgt Ion:149 Resp: 28625
Ion Ratio Lower Upper
149 100
177 24.6 18.5 27.7
150 12.4 10.3 15.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF138580.D
Acq: 19 Jul 2024 10:30

Tgt Ion:188 Resp: 306599
Ion Ratio Lower Upper
188 100
94 10.1 8.7 13.1
80 11.5 9.0 13.4

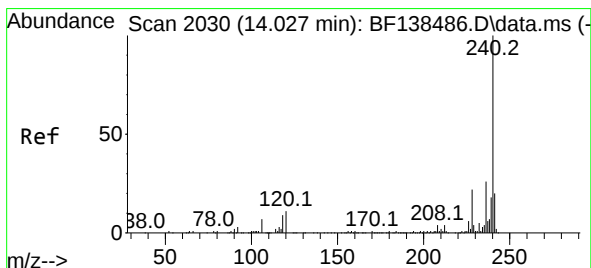
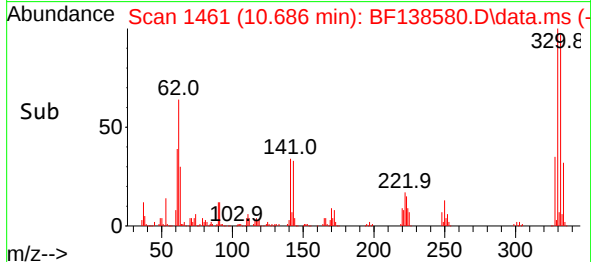
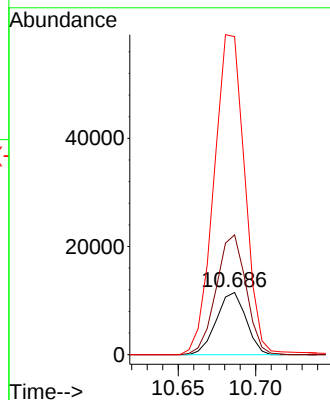
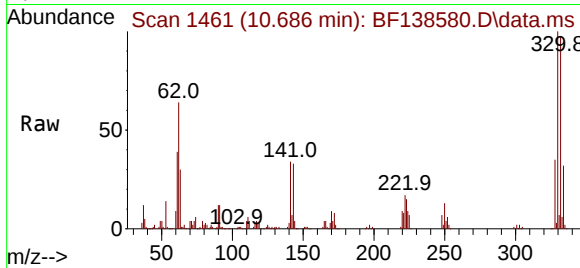




#67
4-Bromophenyl-phenylether
Concen: 4.859 ng
RT: 10.686 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF138580.D
Acq: 19 Jul 2024 10:30

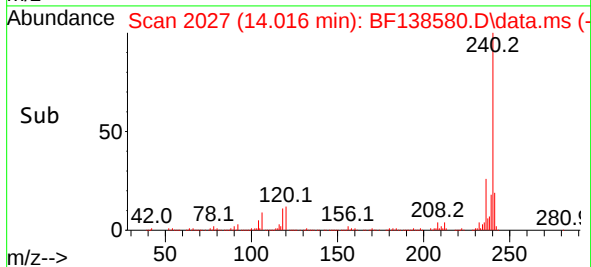
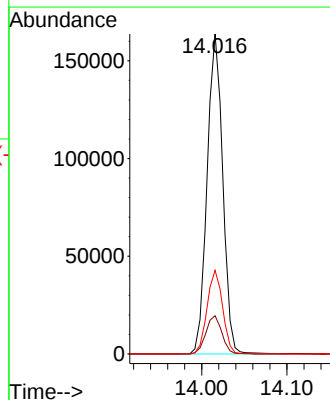
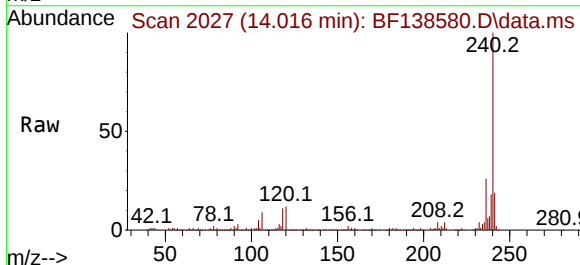
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-03

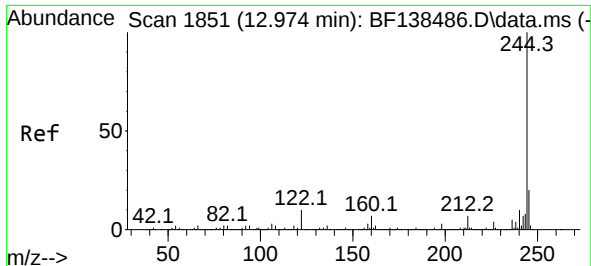
Tgt Ion:248 Resp: 15313
Ion Ratio Lower Upper
248 100
250 192.6 77.9 116.9#
141 511.0 67.7 101.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF138580.D
Acq: 19 Jul 2024 10:30

Tgt Ion:240 Resp: 208511
Ion Ratio Lower Upper
240 100
120 12.0 8.6 12.8
236 26.1 21.0 31.6

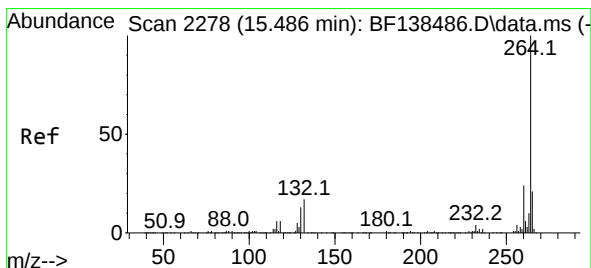
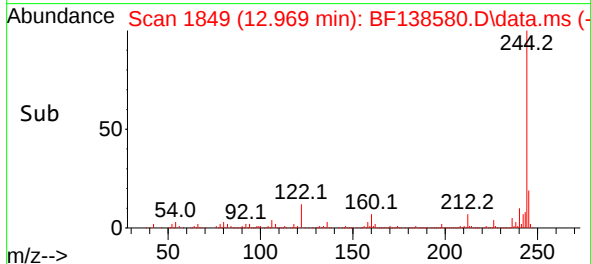
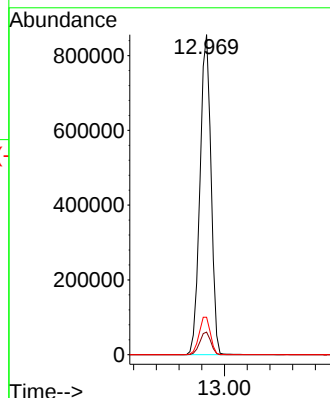
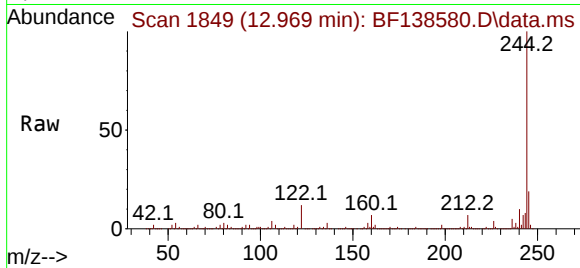




#79
 Terphenyl-d14
 Concen: 90.345 ng
 RT: 12.969 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138580.D
 Acq: 19 Jul 2024 10:30

Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-03

Tgt Ion:244 Resp: 1156327
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 11.7 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: BF138580.D
 Acq: 19 Jul 2024 10:30

Tgt Ion:264 Resp: 127176
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 20.5 17.0 25.4

