

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138583.D
 Acq On : 19 Jul 2024 11:58
 Operator : RC/JU
 Sample : P3246-17RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-04

Quant Time: Jul 19 12:39:32 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)

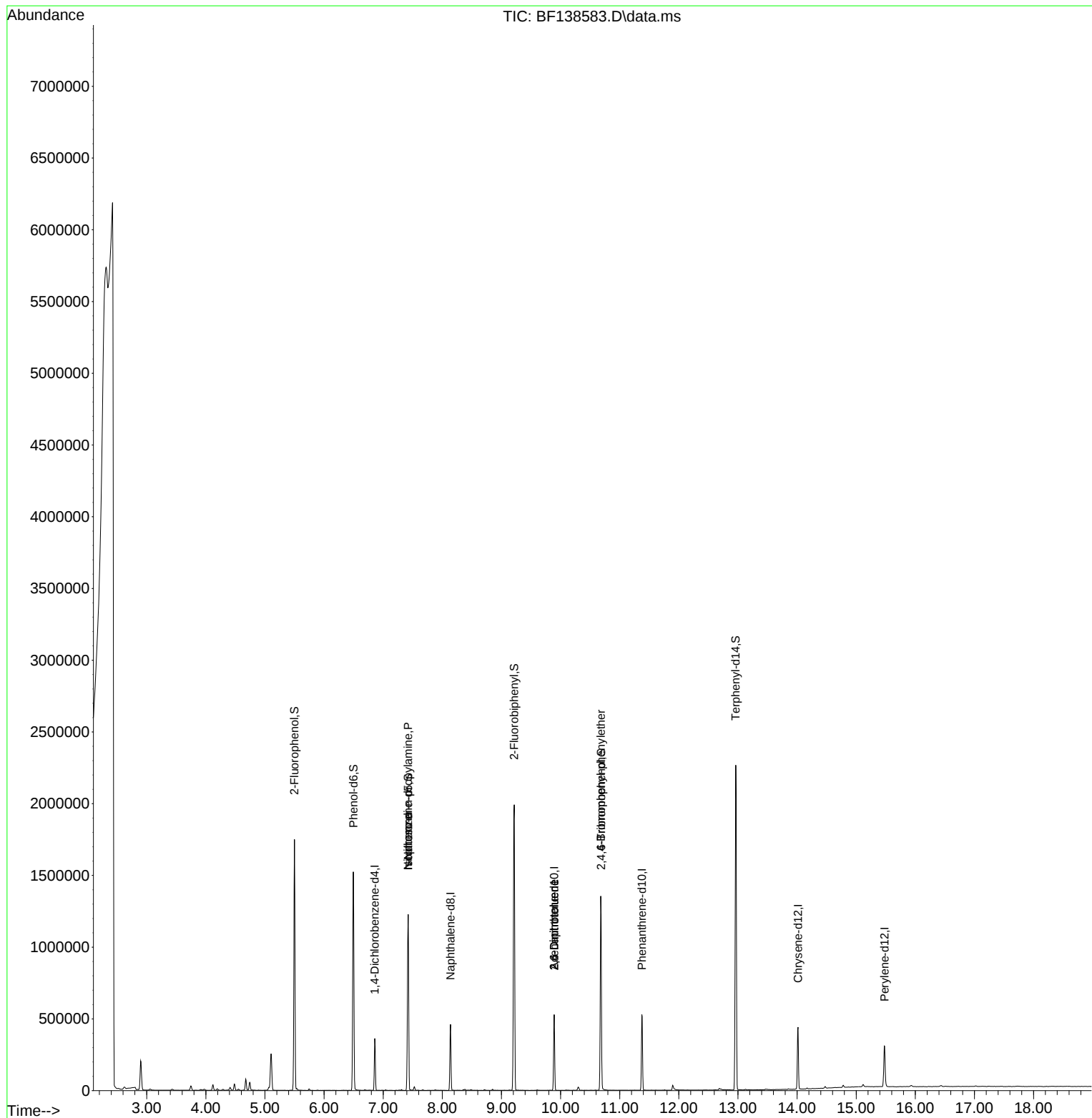
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	68231	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	274998	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	149819	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	276299	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	197904	20.000	ng	-0.01
86) Perylene-d12	15.480	264	164350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	575436	133.568	ng	0.00
7) Phenol-d6	6.498	99	706094	123.203	ng	0.00
23) Nitrobenzene-d5	7.422	82	547693	97.784	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	216590	154.684	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	891381	92.988	ng	-0.01
79) Terphenyl-d14	12.963	244	1096244	90.241	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	73651	20.798	ng	# 74
25) Isophorone	7.422	82	545625	56.725	ng	# 67
51) 2,6-Dinitrotoluene	9.892	165	18450	8.272	ng	# 24
57) 2,4-Dinitrotoluene	9.892	165	18450	6.393	ng	# 19
67) 4-Bromophenyl-phenylether	10.680	248	13480	4.747	ng	# 1

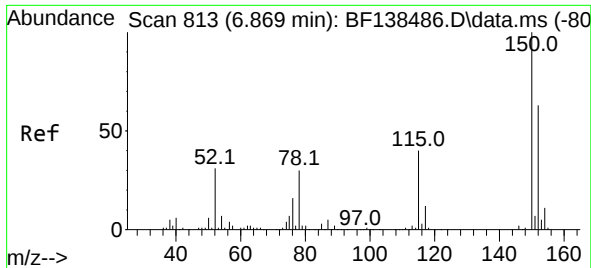
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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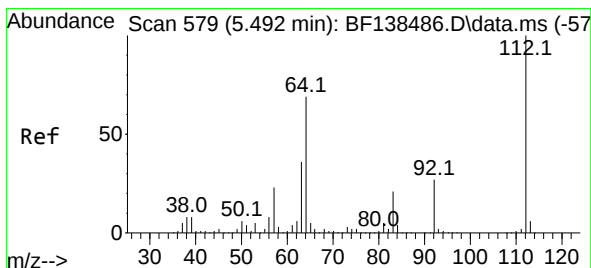
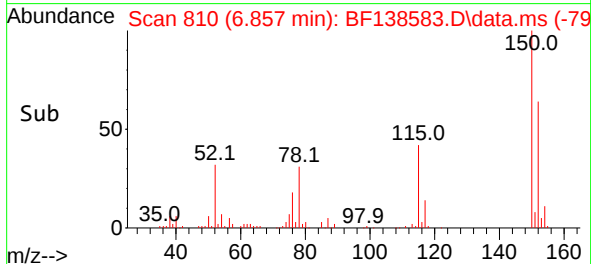
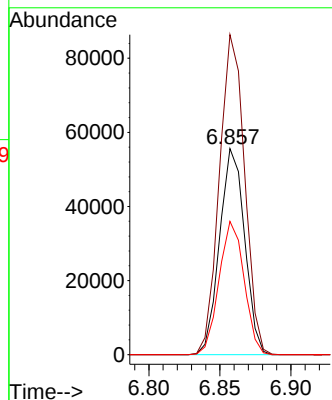
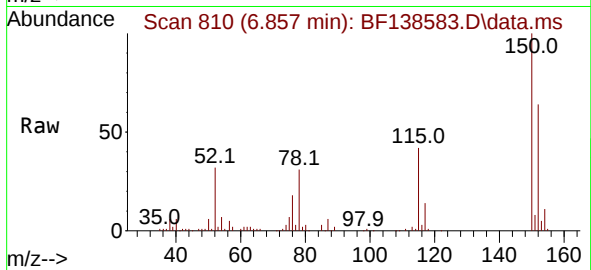




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138583.D
Acq: 19 Jul 2024 11:58

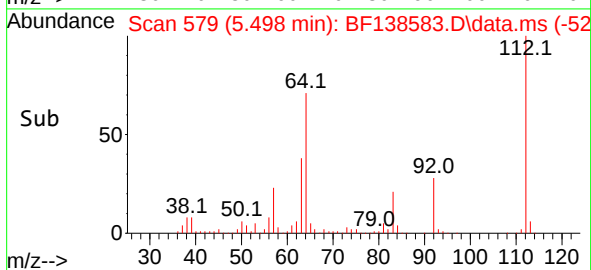
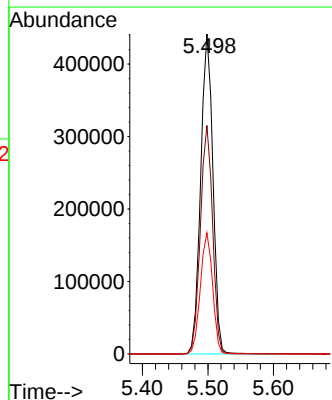
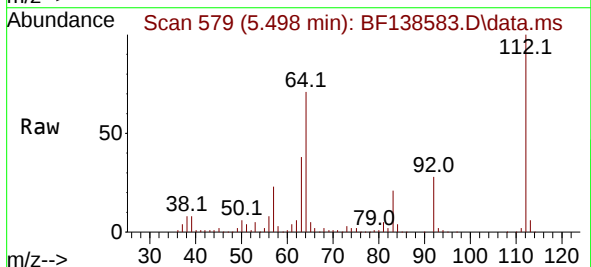
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-04

Tgt Ion:152 Resp: 68231
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.4
115 64.7 50.3 75.5



#5
2-Fluorophenol
Concen: 133.568 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF138583.D
Acq: 19 Jul 2024 11:58

Tgt Ion:112 Resp: 575436
Ion Ratio Lower Upper
112 100
64 71.4 55.1 82.7
63 37.8 29.0 43.6

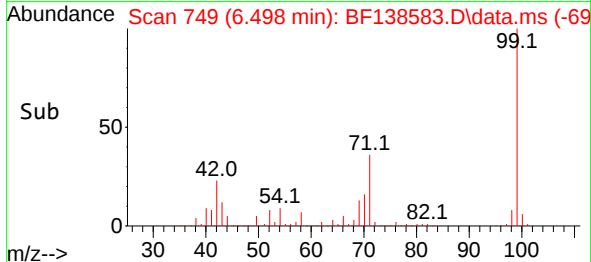
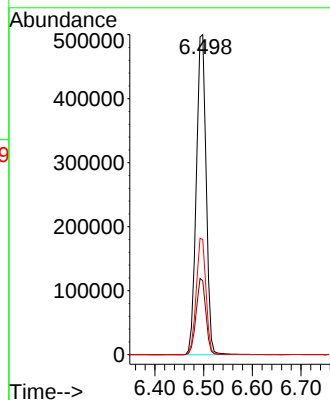
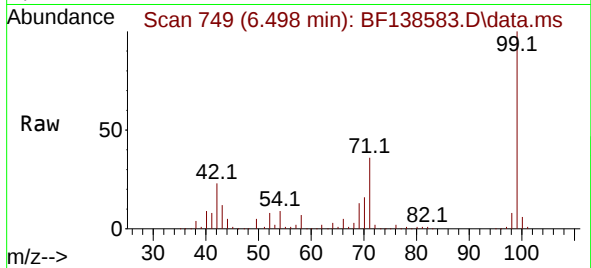




#7
Phenol-d6
Concen: 123.203 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138583.D
Acq: 19 Jul 2024 11:58

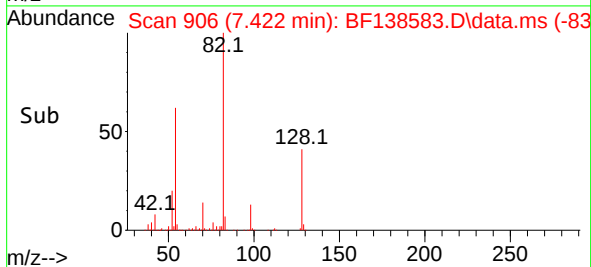
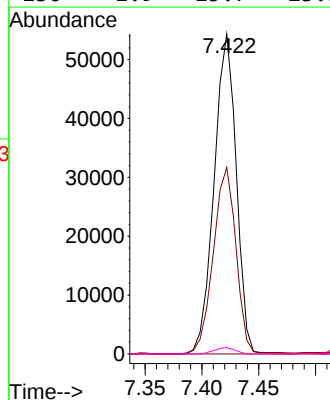
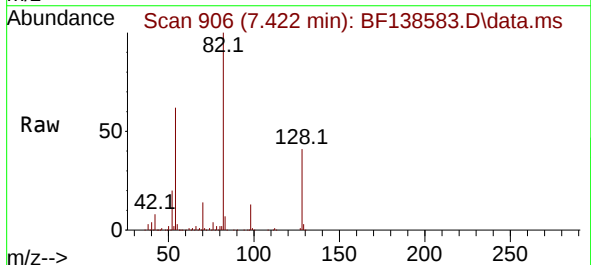
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-04

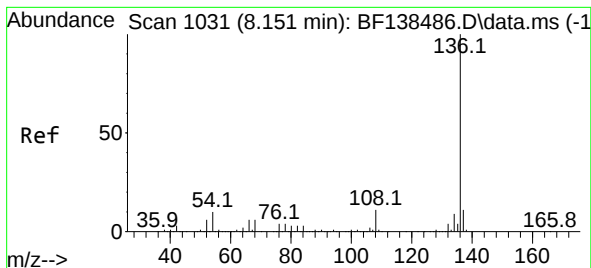
Tgt Ion: 99 Resp: 706094
Ion Ratio Lower Upper
99 100
42 23.1 19.7 29.5
71 35.9 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.798 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF138583.D
Acq: 19 Jul 2024 11:58

Tgt Ion: 70 Resp: 73651
Ion Ratio Lower Upper
70 100
42 58.2 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: BF138583.D

Acq: 19 Jul 2024 11:58

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-04

Tgt Ion:136 Resp: 274998

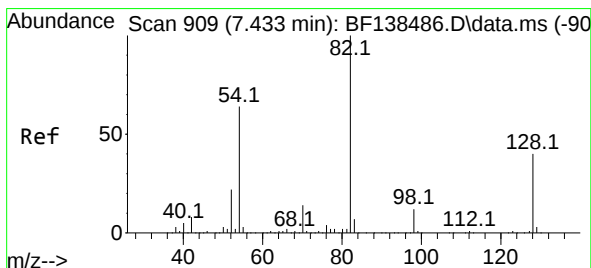
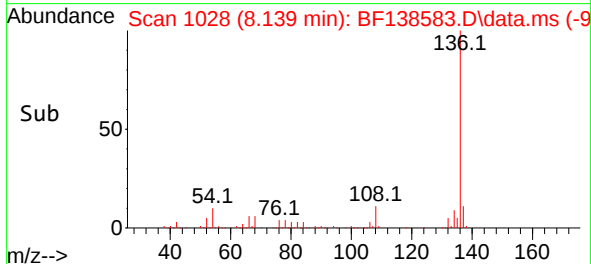
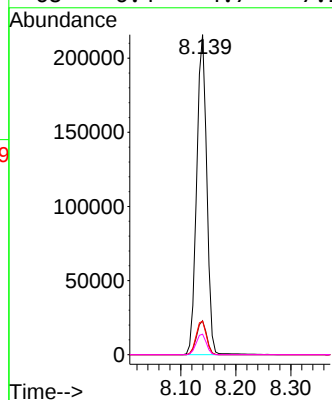
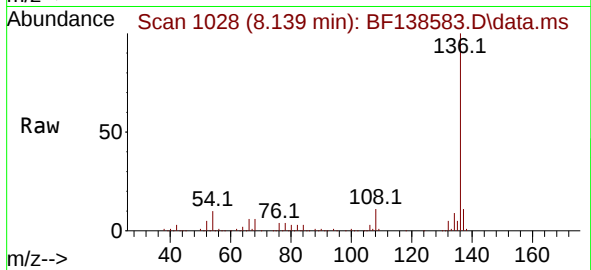
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.5 8.1 12.1

68 6.4 4.7 7.1



#23

Nitrobenzene-d5

Concen: 97.784 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF138583.D

Acq: 19 Jul 2024 11:58

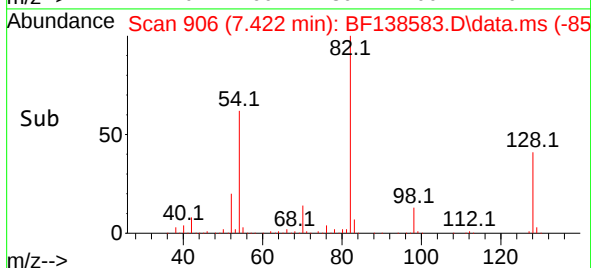
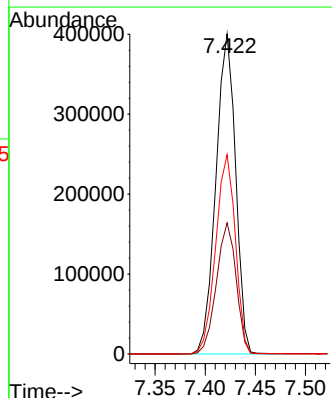
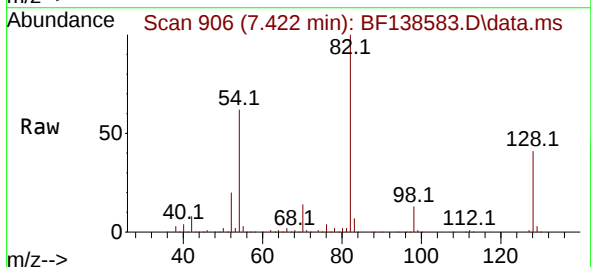
Tgt Ion: 82 Resp: 547693

Ion Ratio Lower Upper

82 100

128 41.0 32.3 48.5

54 62.3 51.4 77.0

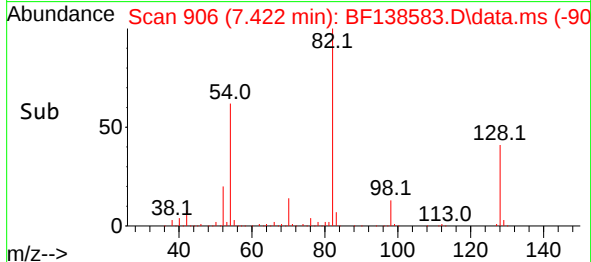
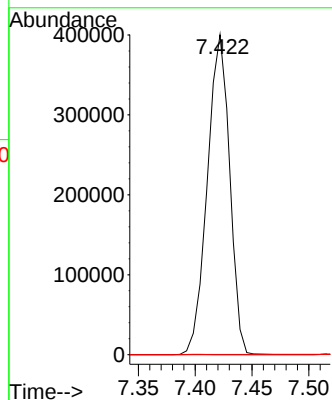
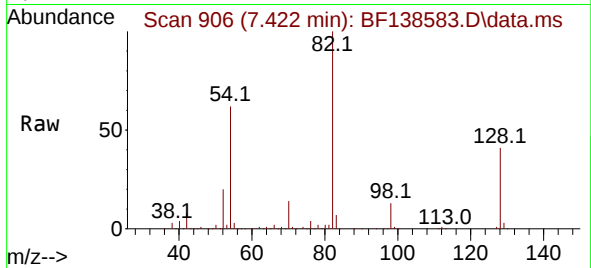




#25
Isophorone
Concen: 56.725 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138583.D
Acq: 19 Jul 2024 11:58

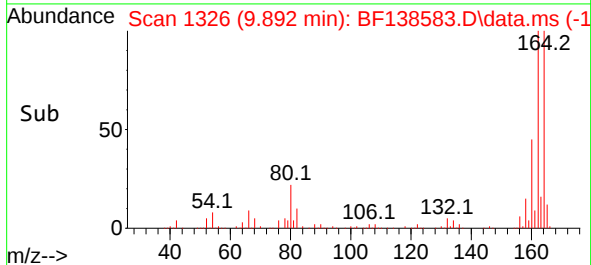
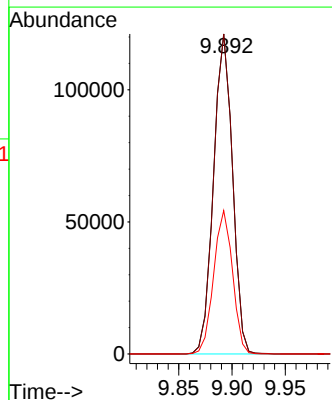
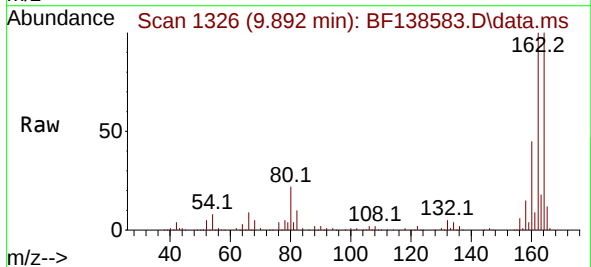
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-04

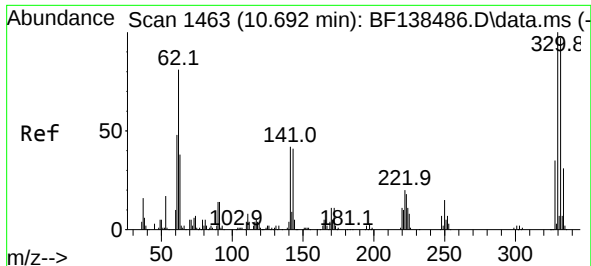
Tgt Ion: 82 Resp: 545625
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF138583.D
Acq: 19 Jul 2024 11:58

Tgt Ion: 164 Resp: 149819
Ion Ratio Lower Upper
164 100
162 100.0 79.0 118.6
160 44.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 154.684 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF138583.D

Acq: 19 Jul 2024 11:58

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-04

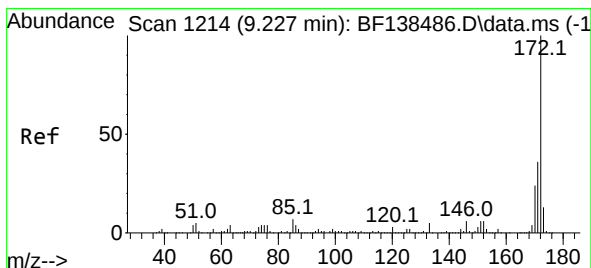
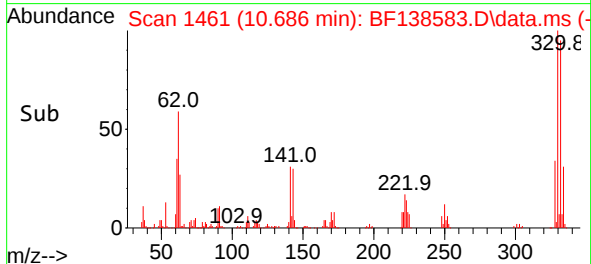
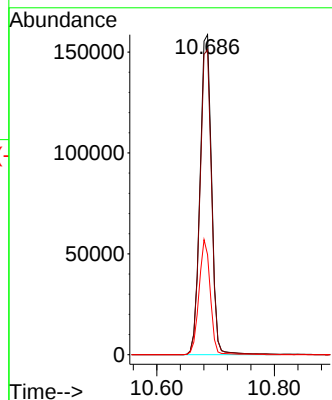
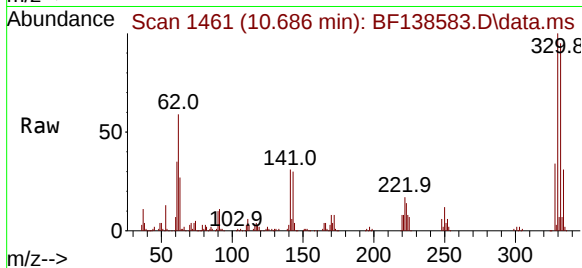
Tgt Ion:330 Resp: 216590

Ion Ratio Lower Upper

330 100

332 95.8 76.8 115.2

141 35.0 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 92.988 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF138583.D

Acq: 19 Jul 2024 11:58

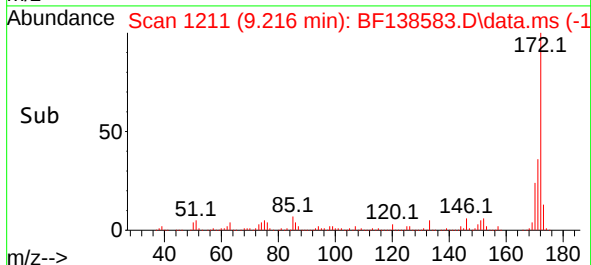
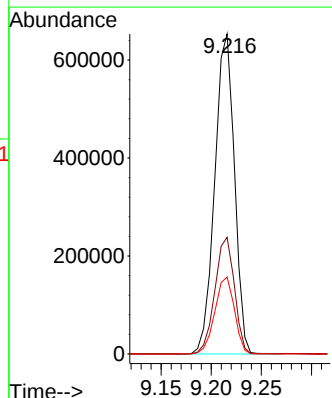
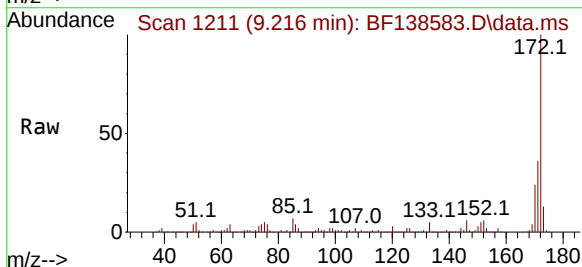
Tgt Ion:172 Resp: 891381

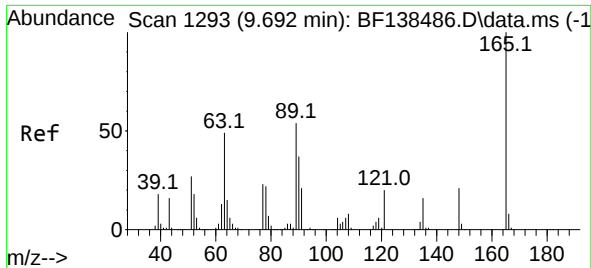
Ion Ratio Lower Upper

172 100

171 36.5 28.9 43.3

170 24.1 18.9 28.3

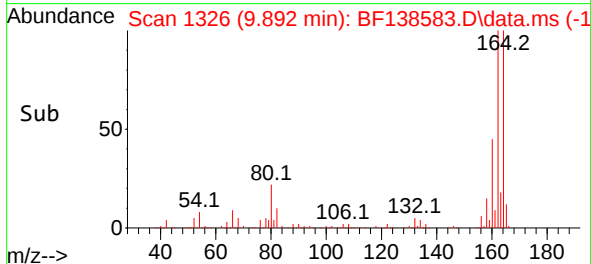
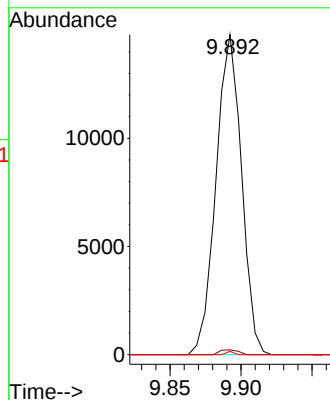
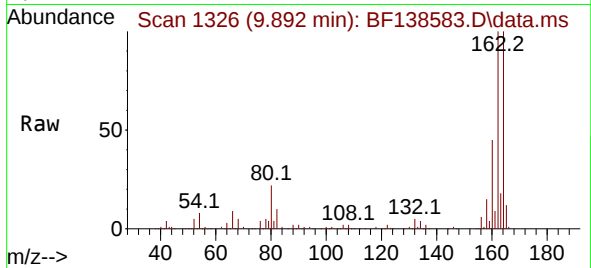




#51
2,6-Dinitrotoluene
Concen: 8.272 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138583.D
Acq: 19 Jul 2024 11:58

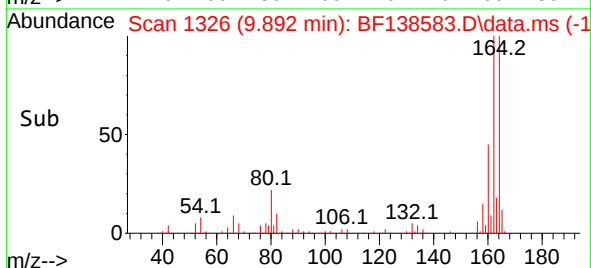
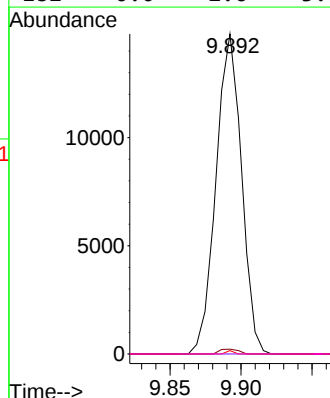
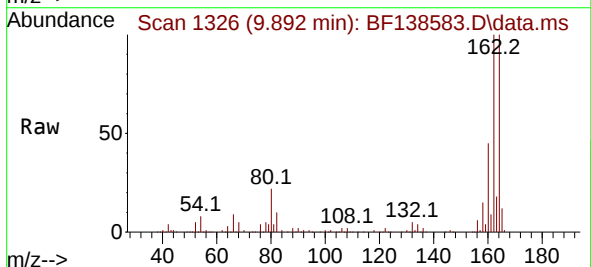
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-04

Tgt Ion:165 Resp: 18450
Ion Ratio Lower Upper
165 100
63 1.5 48.1 72.1#
89 1.0 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.393 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF138583.D
Acq: 19 Jul 2024 11:58

Tgt Ion:165 Resp: 18450
Ion Ratio Lower Upper
165 100
63 1.5 44.6 66.8#
89 1.0 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138583.D

Acq: 19 Jul 2024 11:58

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-04

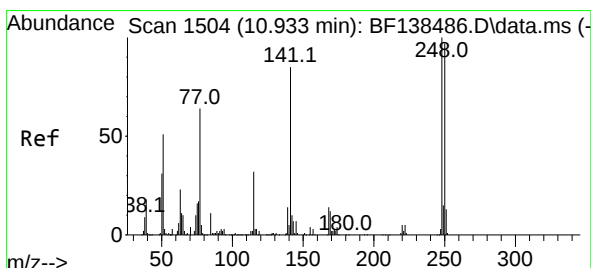
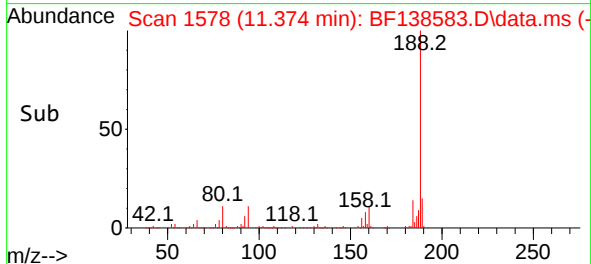
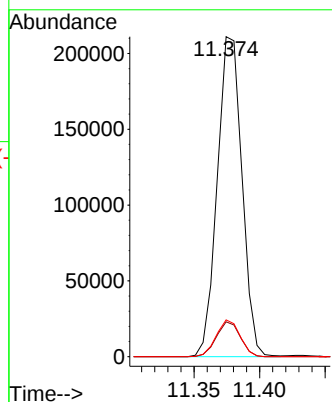
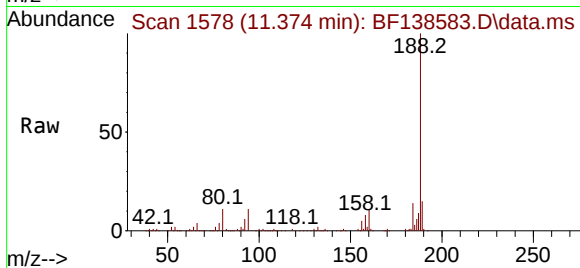
Tgt Ion:188 Resp: 276299

Ion Ratio Lower Upper

188 100

94 10.9 8.7 13.1

80 11.5 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.747 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF138583.D

Acq: 19 Jul 2024 11:58

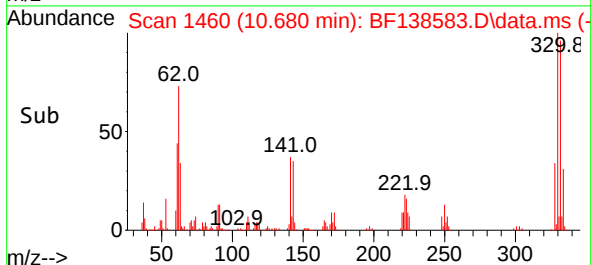
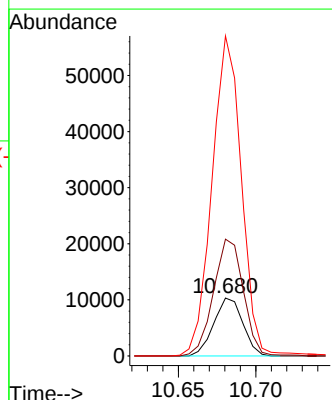
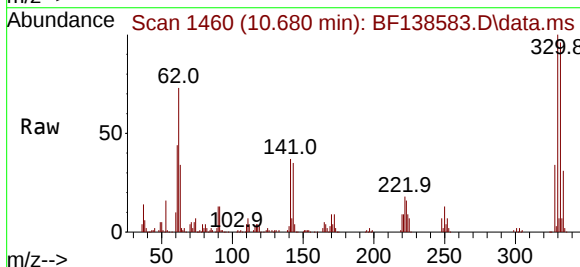
Tgt Ion:248 Resp: 13480

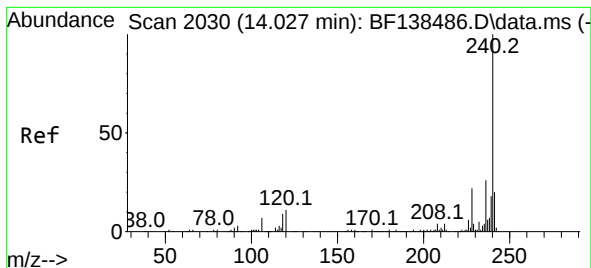
Ion Ratio Lower Upper

248 100

250 201.3 77.9 116.9#

141 551.8 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: BF138583.D

Acq: 19 Jul 2024 11:58

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-04

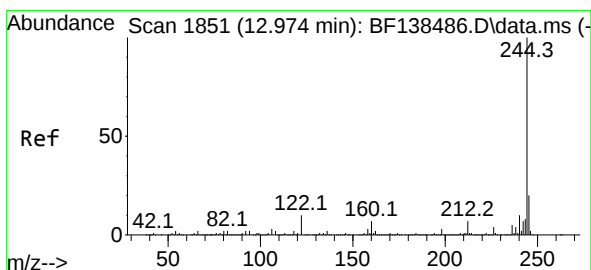
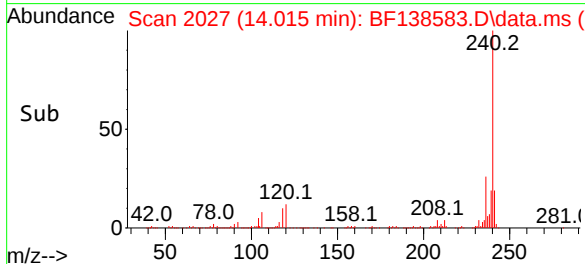
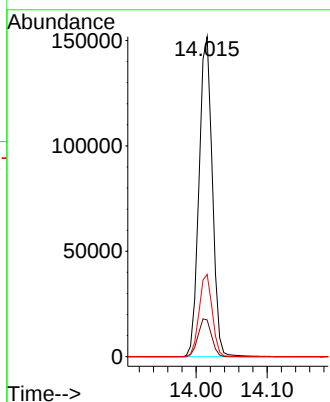
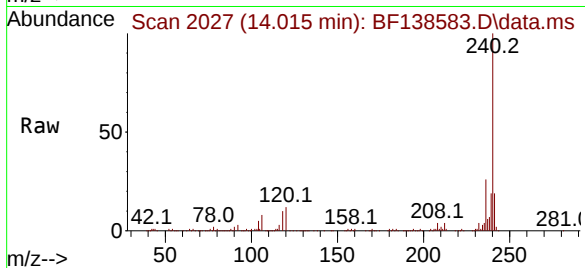
Tgt Ion:240 Resp: 197904

Ion Ratio Lower Upper

240 100

120 11.5 8.6 12.8

236 25.7 21.0 31.6



#79

Terphenyl-d14

Concen: 90.241 ng

RT: 12.963 min Scan# 1848

Delta R.T. -0.012 min

Lab File: BF138583.D

Acq: 19 Jul 2024 11:58

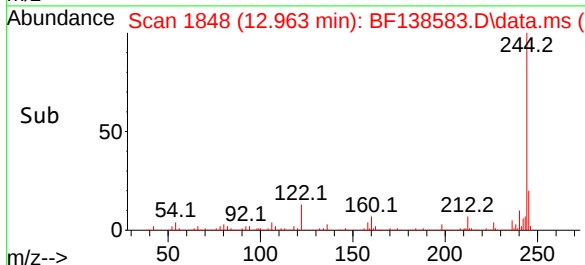
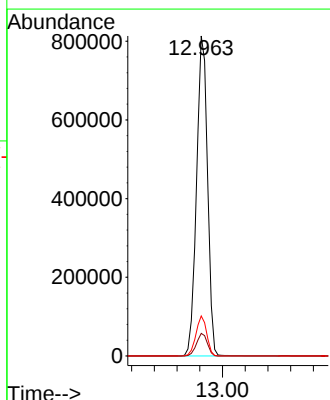
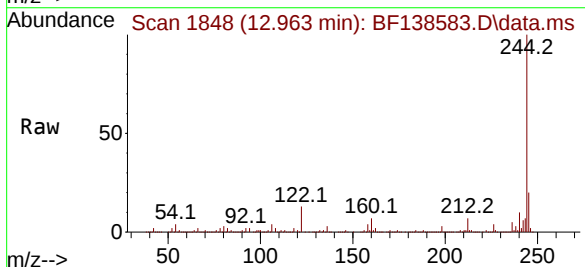
Tgt Ion:244 Resp: 1096244

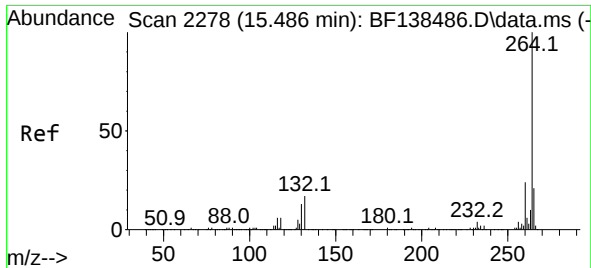
Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 12.5 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: BF138583.D
 Acq: 19 Jul 2024 11:58

Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-04

Tgt Ion:264 Resp: 164350
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 20.6 17.0 25.4

