

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140460.D
 Acq On : 18 Nov 2024 18:06
 Operator : RC/JU
 Sample : P4871-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-10-A-202411

Quant Time: Nov 19 00:21:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

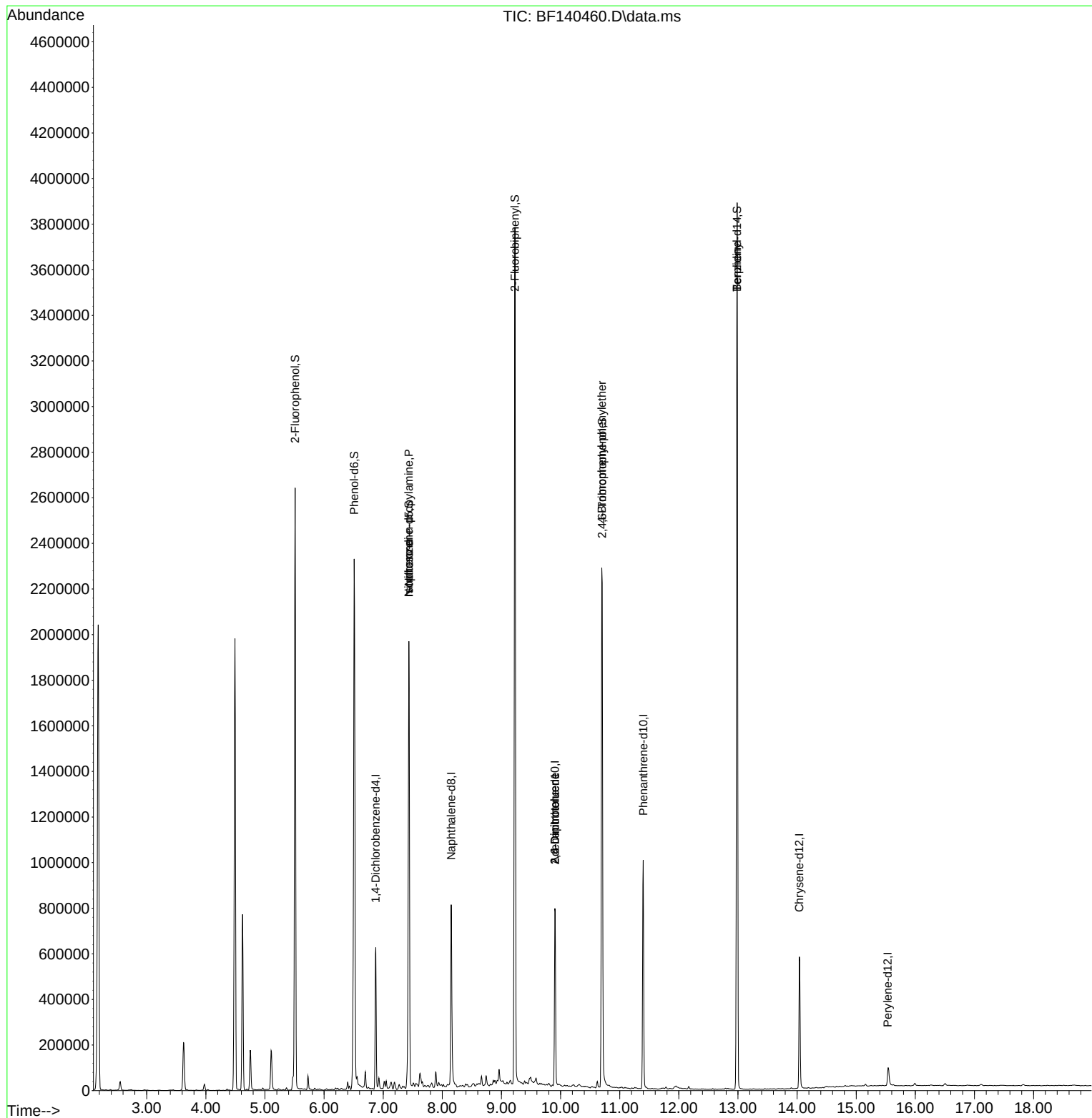
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	133008	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	502386	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	224448	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	533842	20.000	ng	0.00
76) Chrysene-d12	14.039	240	279485	20.000	ng	-0.01
86) Perylene-d12	15.533	264	12426	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1004872	128.992	ng	0.02
7) Phenol-d6	6.510	99	1123881	106.485	ng	0.00
23) Nitrobenzene-d5	7.433	82	942762	97.774	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	435695	195.207	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1718923	123.113	ng	0.00
79) Terphenyl-d14	12.986	244	1967463	122.193	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	129003	20.238	ng	# 77
25) Isophorone	7.433	82	929812	54.410	ng	# 67
51) 2,6-Dinitrotoluene	9.904	165	29292	8.783	ng	# 24
57) 2,4-Dinitrotoluene	9.904	165	29292	6.673	ng	# 22
67) 4-Bromophenyl-phenylether	10.698	248	28112	5.268	ng	# 1
77) Benzydine	12.986	184	26474	2.468	ng	# 93

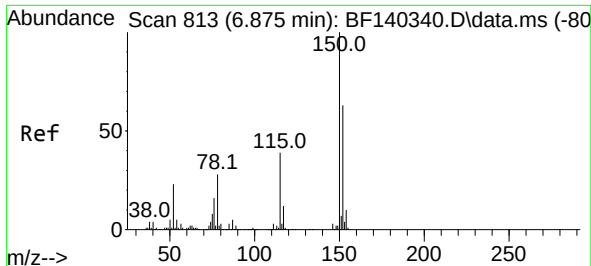
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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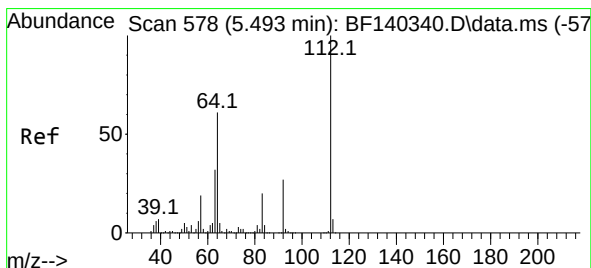
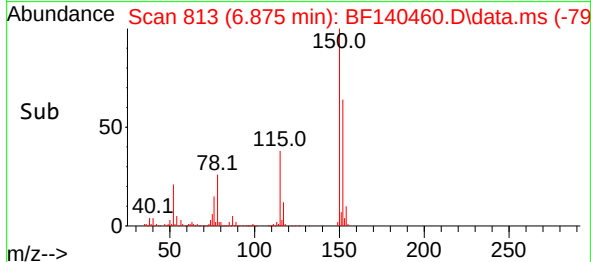
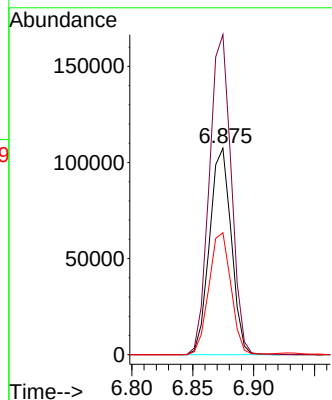
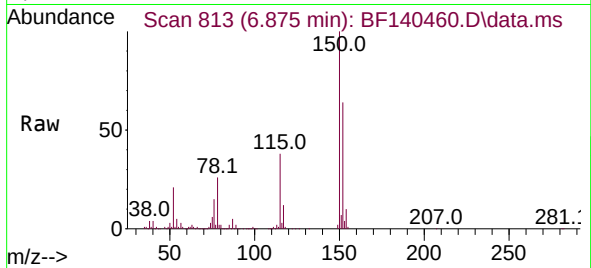




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140460.D
Acq: 18 Nov 2024 18:06

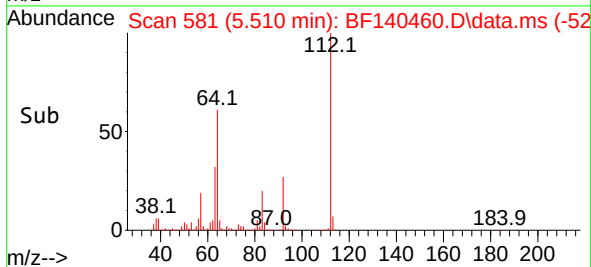
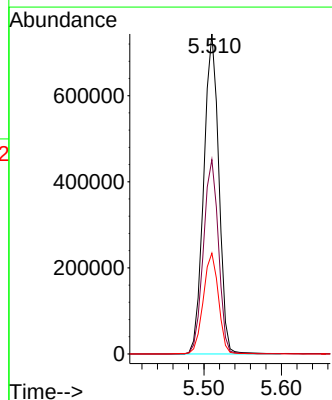
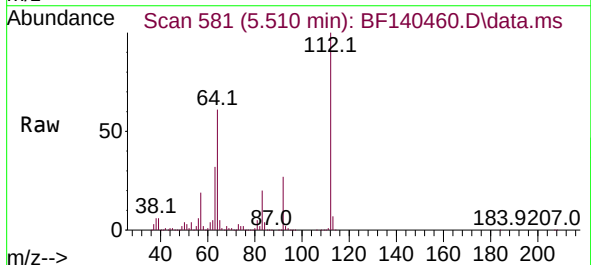
Instrument :
BNA_F
ClientSampleId :
WC-10-A-202411

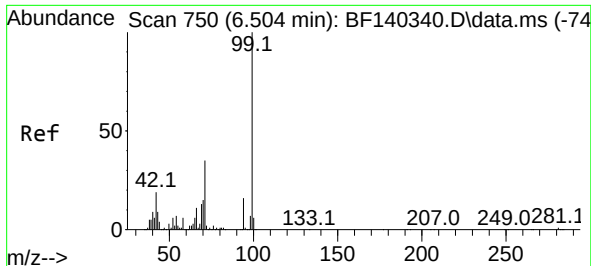
Tgt Ion:152 Resp: 133008
Ion Ratio Lower Upper
152 100
150 155.1 127.4 191.0
115 59.1 47.4 71.2



#5
2-Fluorophenol
Concen: 128.992 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF140460.D
Acq: 18 Nov 2024 18:06

Tgt Ion:112 Resp: 1004872
Ion Ratio Lower Upper
112 100
64 60.7 49.2 73.8
63 31.5 25.6 38.4

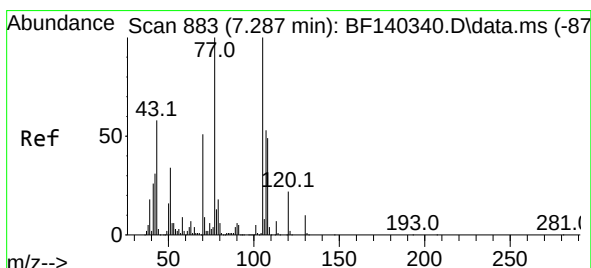
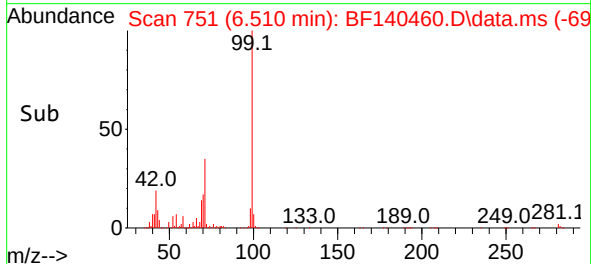
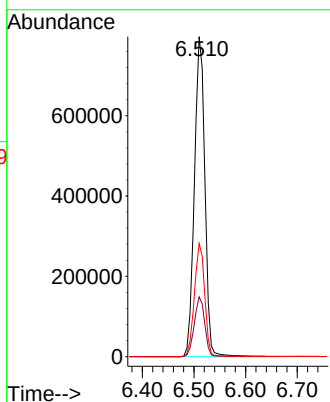
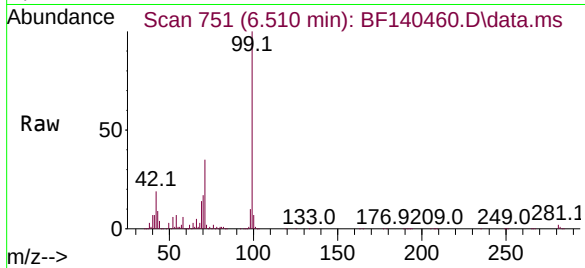




#7
Phenol-d6
Concen: 106.485 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140460.D
Acq: 18 Nov 2024 18:06

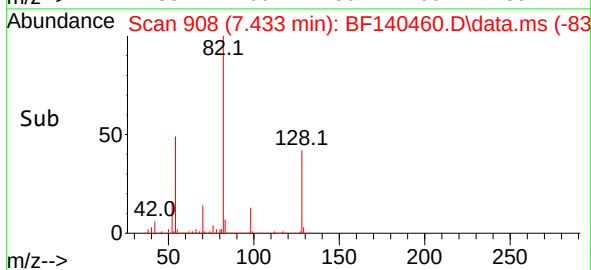
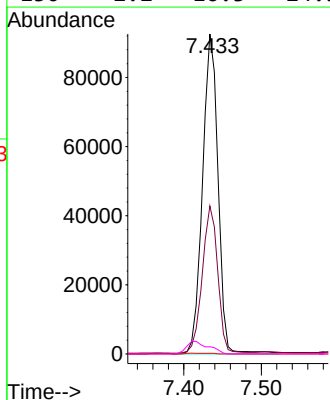
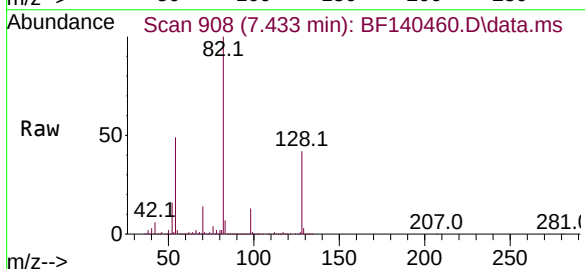
Instrument :
BNA_F
ClientSampleId :
WC-10-A-202411

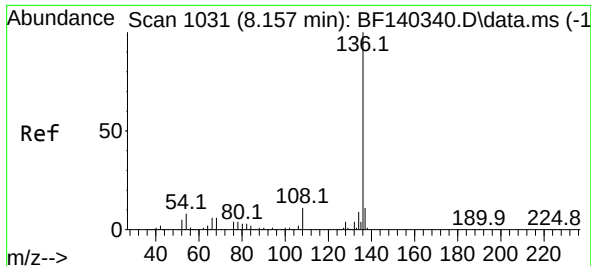
Tgt Ion: 99 Resp: 1123881
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 35.4 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.238 ng
RT: 7.433 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140460.D
Acq: 18 Nov 2024 18:06

Tgt Ion: 70 Resp: 129003
Ion Ratio Lower Upper
70 100
42 46.2 46.8 70.2#
101 0.2 7.5 11.3#
130 2.2 16.3 24.5#

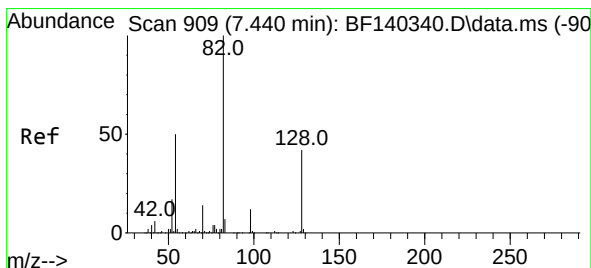
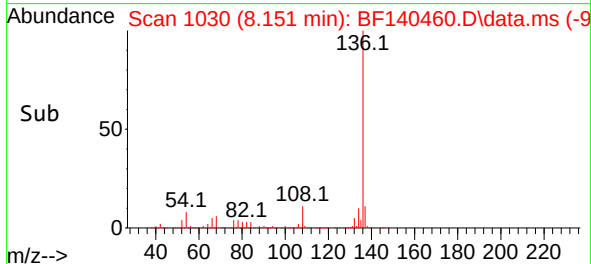
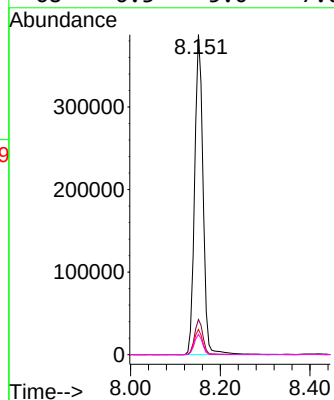
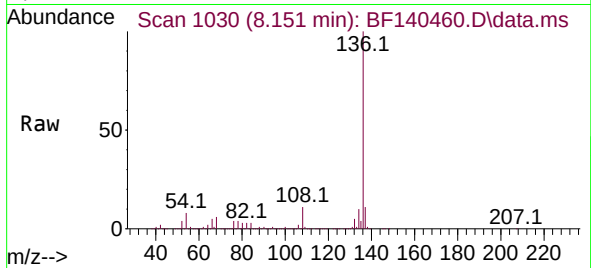




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140460.D
Acq: 18 Nov 2024 18:06

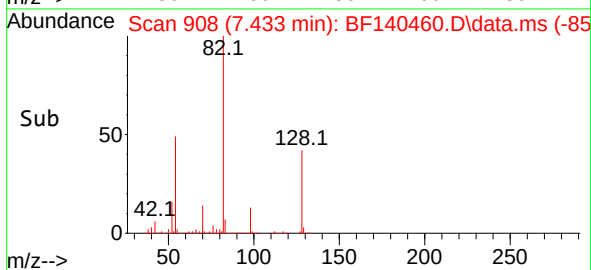
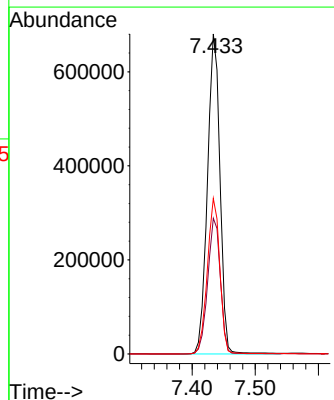
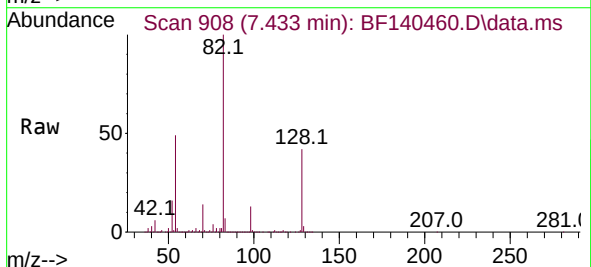
Instrument :
BNA_F
ClientSampleId :
WC-10-A-202411

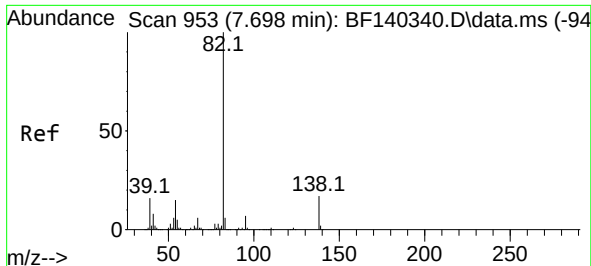
Tgt Ion:136 Resp: 502386
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.9 6.5 9.7
68 6.3 5.0 7.6



#23
Nitrobenzene-d5
Concen: 97.774 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140460.D
Acq: 18 Nov 2024 18:06

Tgt Ion: 82 Resp: 942762
Ion Ratio Lower Upper
82 100
128 42.4 33.3 49.9
54 48.6 39.8 59.8

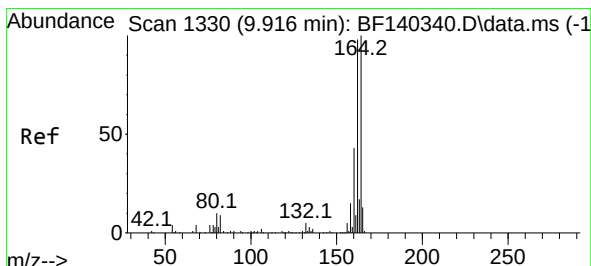
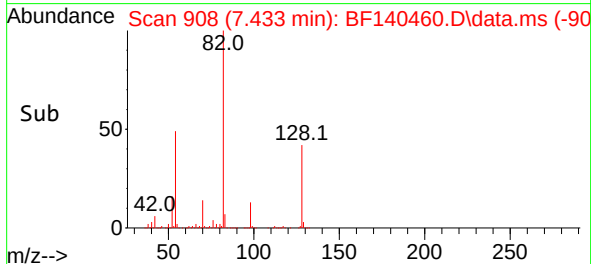
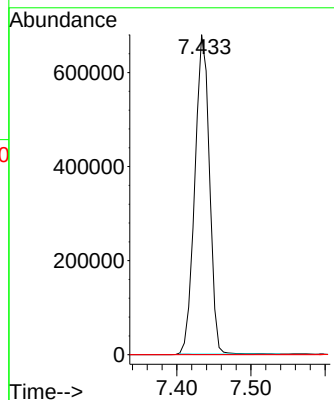
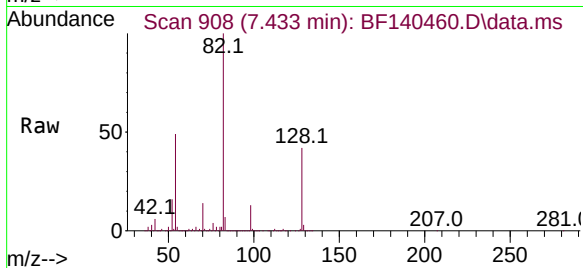




#25
Isophorone
Concen: 54.410 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140460.D
Acq: 18 Nov 2024 18:06

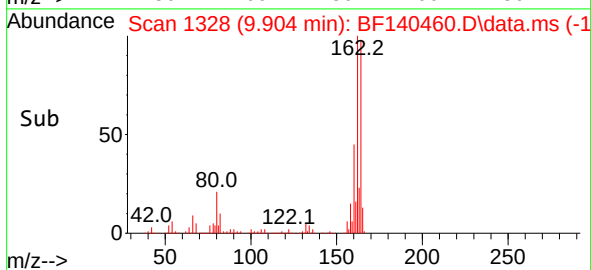
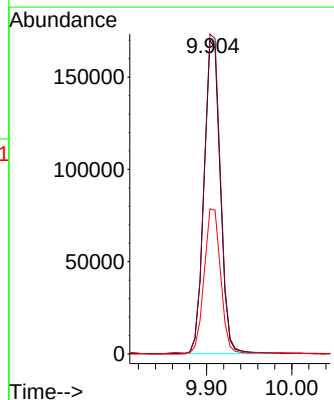
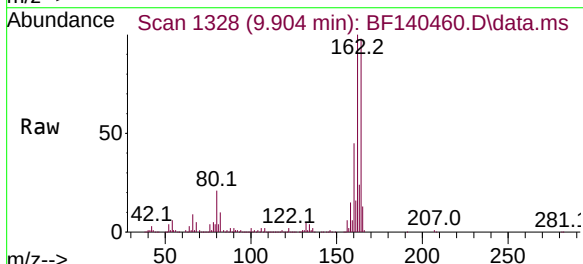
Instrument :
BNA_F
ClientSampleId :
WC-10-A-202411

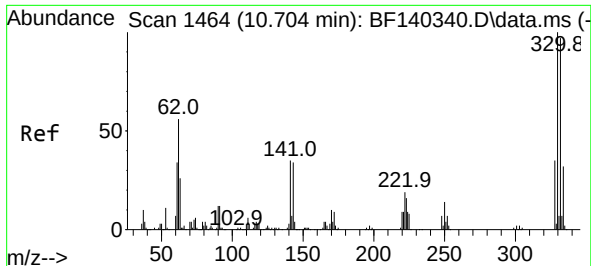
Tgt Ion: 82 Resp: 929812
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140460.D
Acq: 18 Nov 2024 18:06

Tgt Ion: 164 Resp: 224448
Ion Ratio Lower Upper
164 100
162 102.0 79.8 119.8
160 46.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 195.207 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140460.D

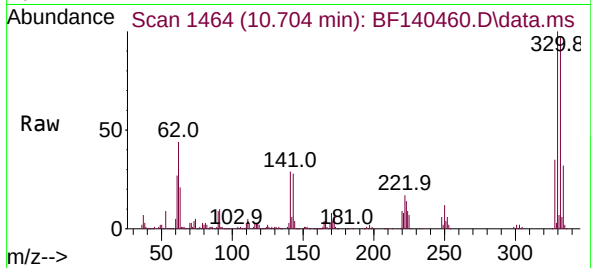
Acq: 18 Nov 2024 18:06

Instrument :

BNA_F

ClientSampleId :

WC-10-A-202411



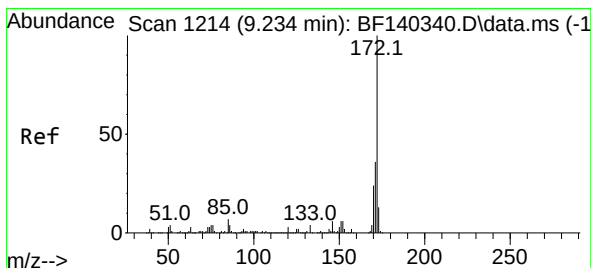
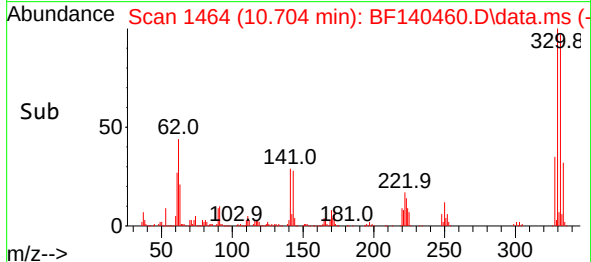
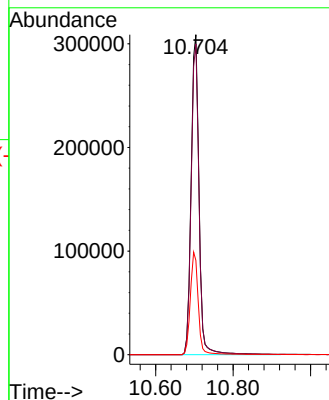
Tgt Ion:330 Resp: 435695

Ion Ratio Lower Upper

330 100

332 96.4 75.9 113.9

141 32.3 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 123.113 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140460.D

Acq: 18 Nov 2024 18:06

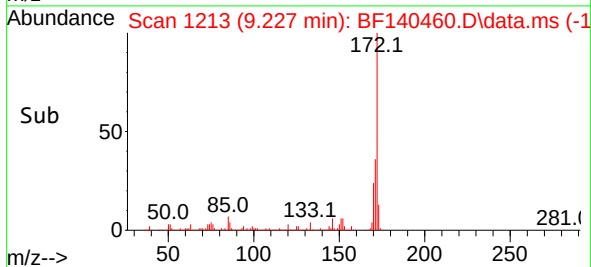
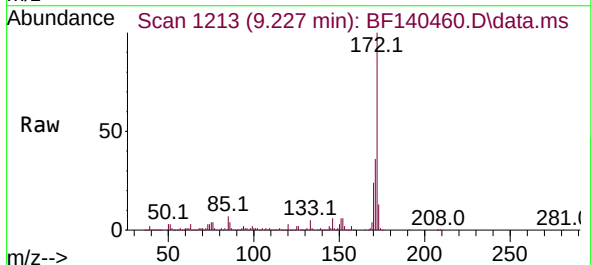
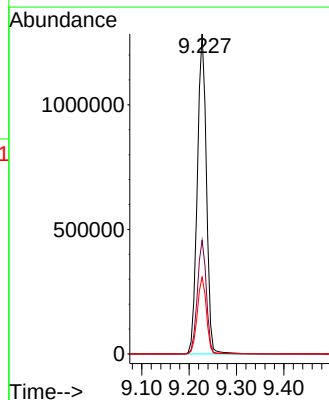
Tgt Ion:172 Resp: 1718923

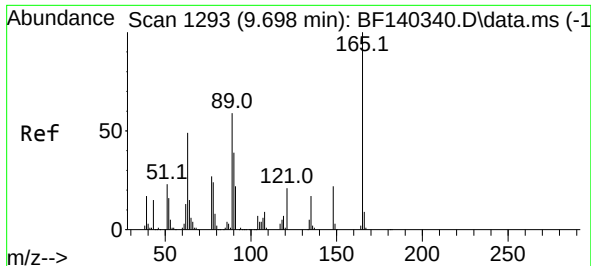
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 24.0 19.1 28.7

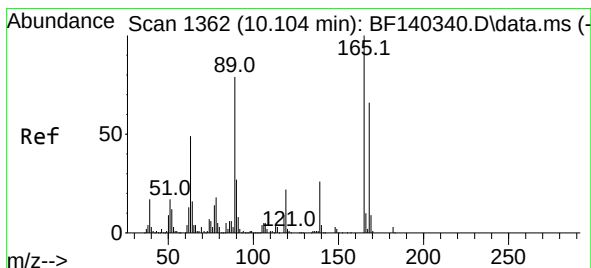
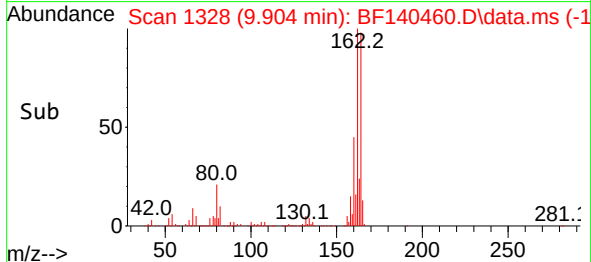
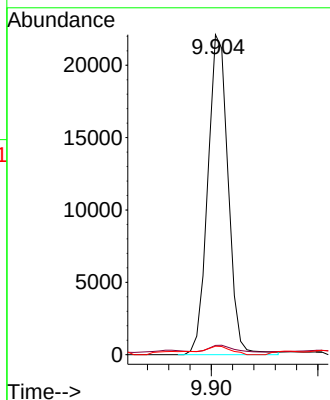
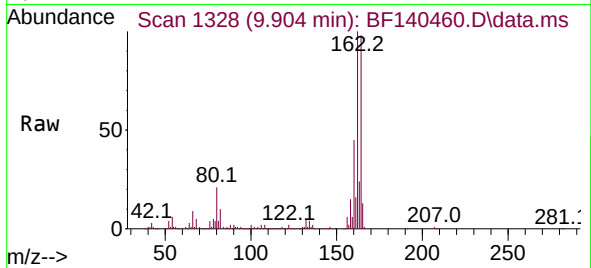




#51
2,6-Dinitrotoluene
Concen: 8.783 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140460.D
Acq: 18 Nov 2024 18:06

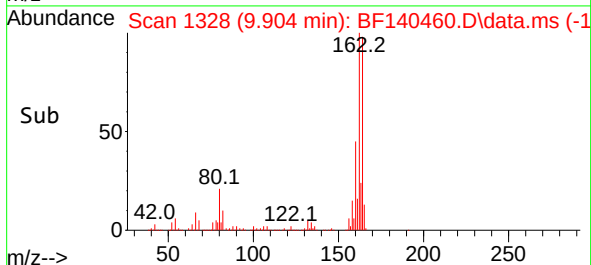
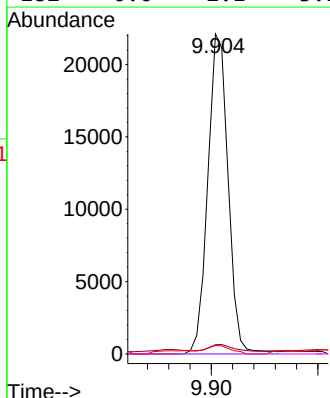
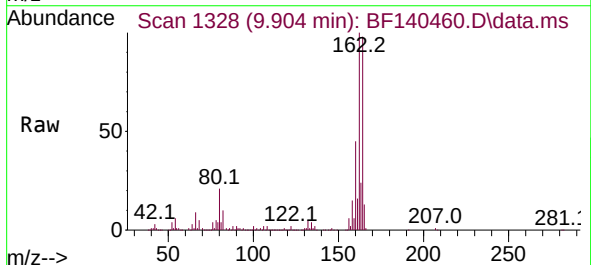
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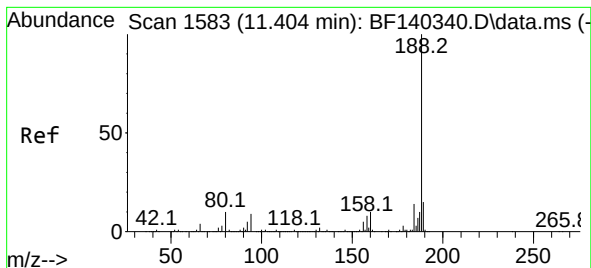
Tgt Ion:165 Resp: 29292
Ion Ratio Lower Upper
165 100
63 2.9 47.6 71.4#
89 2.7 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.673 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140460.D
Acq: 18 Nov 2024 18:06

Tgt Ion:165 Resp: 29292
Ion Ratio Lower Upper
165 100
63 2.9 39.4 59.0#
89 2.7 62.4 93.6#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140460.D

Acq: 18 Nov 2024 18:06

Instrument :

BNA_F

ClientSampleId :

WC-10-A-202411

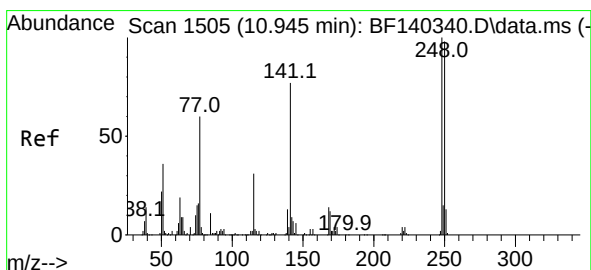
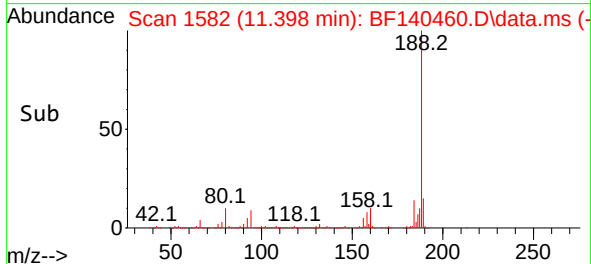
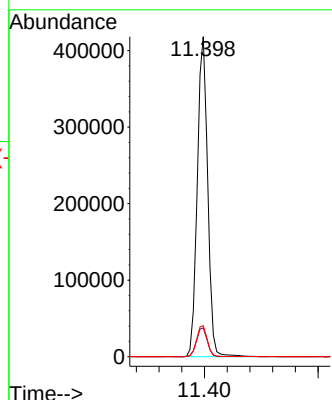
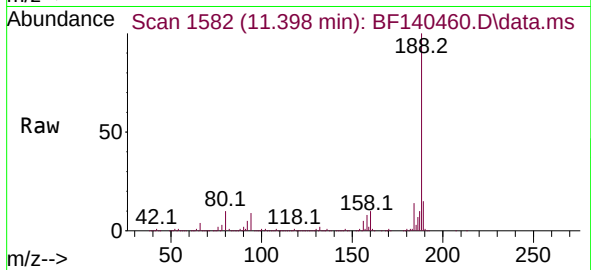
Tgt Ion:188 Resp: 533842

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.7 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 5.268 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140460.D

Acq: 18 Nov 2024 18:06

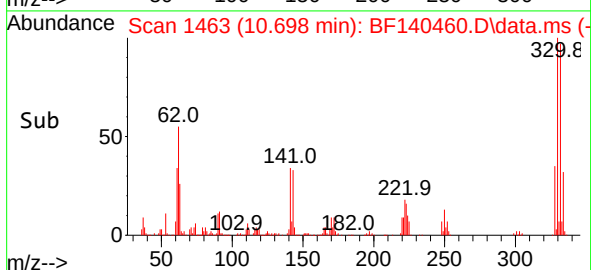
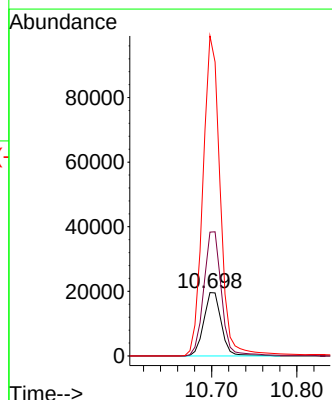
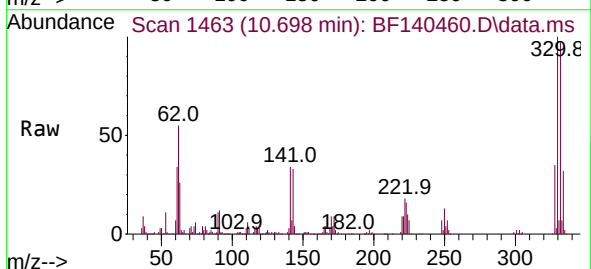
Tgt Ion:248 Resp: 28112

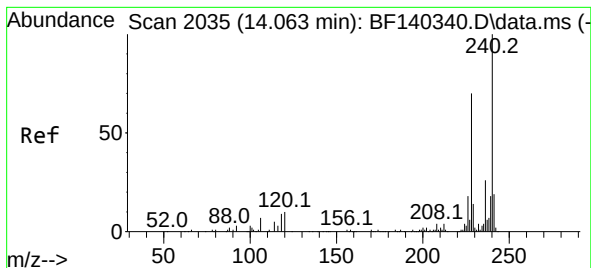
Ion Ratio Lower Upper

248 100

250 195.6 77.9 116.9#

141 505.6 61.8 92.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF140460.D

Acq: 18 Nov 2024 18:06

Instrument :

BNA_F

ClientSampleId :

WC-10-A-202411

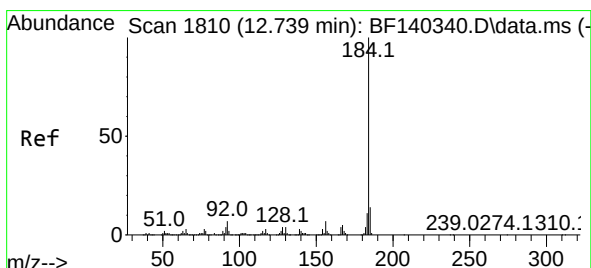
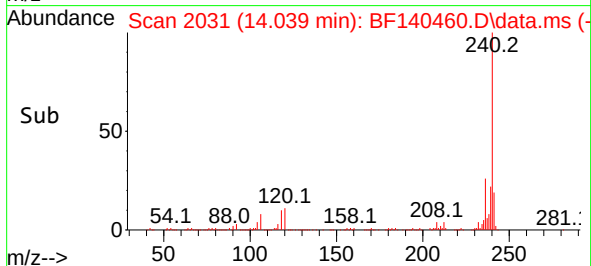
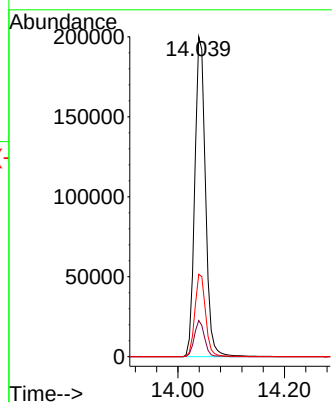
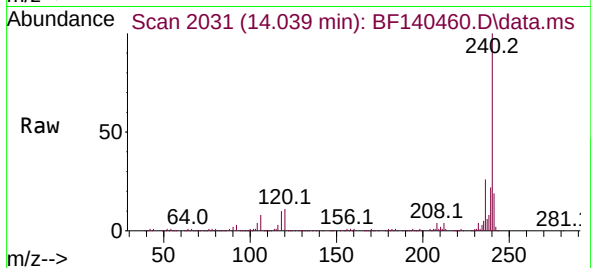
Tgt Ion:240 Resp: 279485

Ion Ratio Lower Upper

240 100

120 11.3 8.8 13.2

236 25.8 20.9 31.3



#77

Benzidine

Concen: 2.468 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.253 min

Lab File: BF140460.D

Acq: 18 Nov 2024 18:06

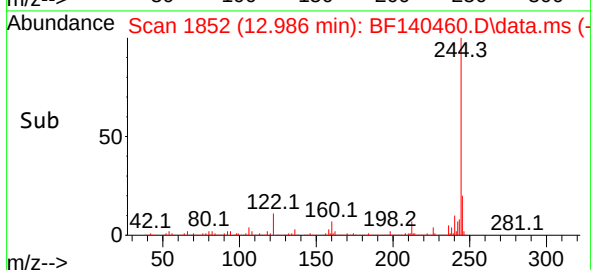
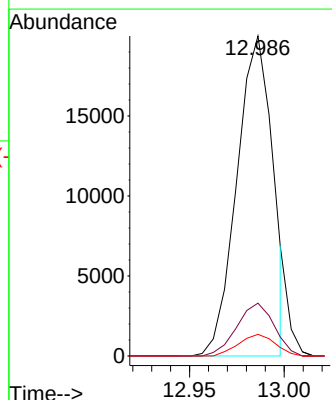
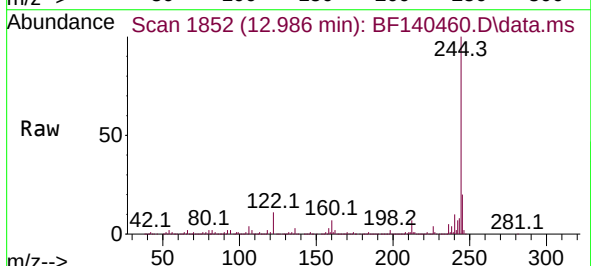
Tgt Ion:184 Resp: 26474

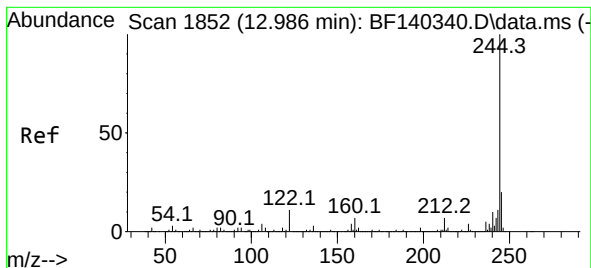
Ion Ratio Lower Upper

184 100

185 16.5 11.9 17.9

183 6.8 8.6 13.0#





#79

Terphenyl-d14

Concen: 122.193 ng

RT: 12.986 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140460.D

Acq: 18 Nov 2024 18:06

Instrument :

BNA_F

ClientSampleId :

WC-10-A-202411

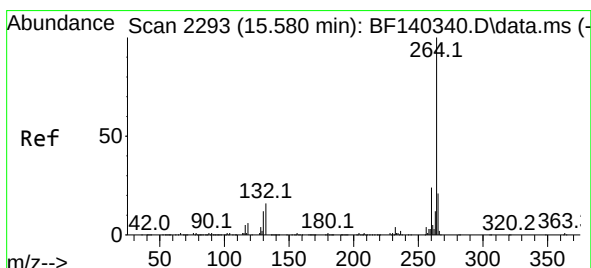
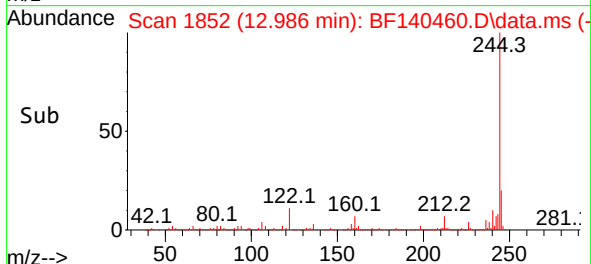
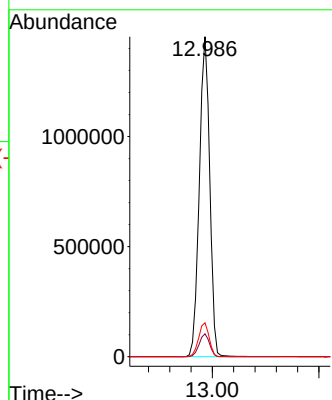
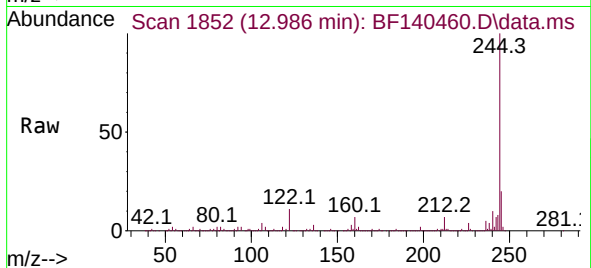
Tgt Ion:244 Resp: 1967463

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.6 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.024 min

Lab File: BF140460.D

Acq: 18 Nov 2024 18:06

Tgt Ion:264 Resp: 12426

Ion Ratio Lower Upper

264 100

260 67.5 19.2 28.8#

265 21.3 17.1 25.7

