

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140084.D
 Acq On : 28 Oct 2024 13:51
 Operator : RC/JU
 Sample : P4578-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-305-BOT

Quant Time: Oct 28 14:22:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

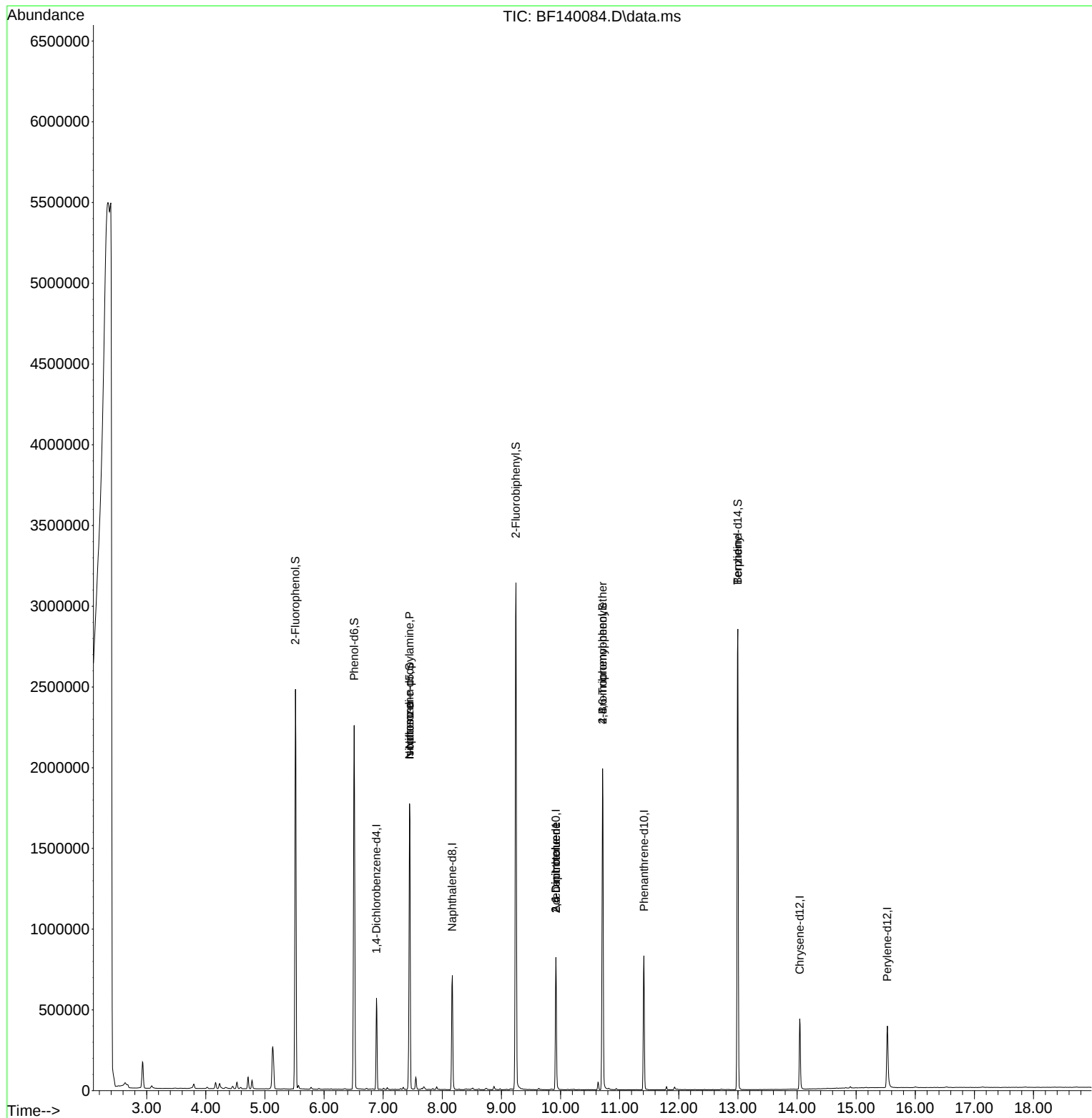
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	112580	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	438516	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	246067	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	437262	20.000	ng	0.00
76) Chrysene-d12	14.045	240	219498	20.000	ng	0.00
86) Perylene-d12	15.527	264	258448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	938458	130.498	ng	0.02
7) Phenol-d6	6.510	99	1115782	119.796	ng	0.00
23) Nitrobenzene-d5	7.445	82	834614	105.486	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	367109	159.499	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1500601	100.787	ng	0.00
79) Terphenyl-d14	12.998	244	1489277	110.559	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	112794	19.967	ng	# 77
25) Isophorone	7.445	82	828753	55.187	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	32668	9.844	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	32669	8.005	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	23578	5.234	ng	# 1
77) Benzydine	12.998	184	18502	5.126	ng	# 91

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

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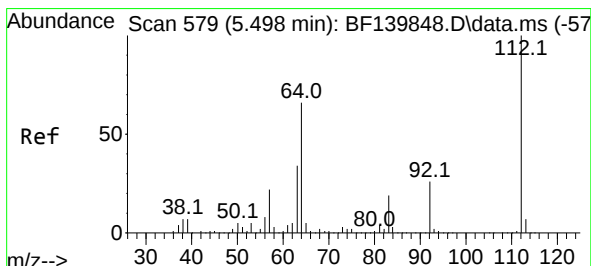
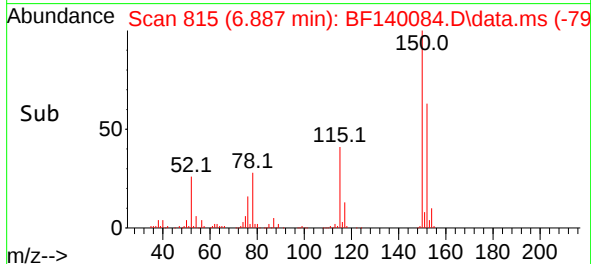
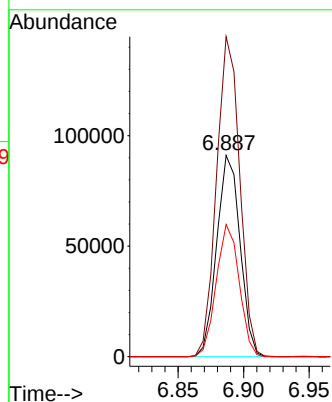
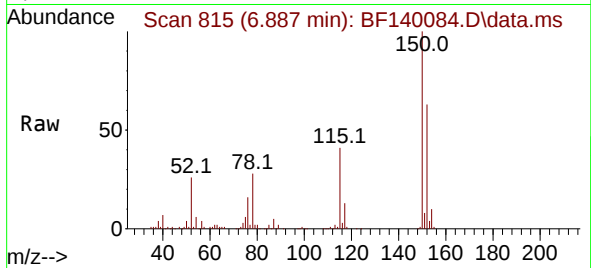




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

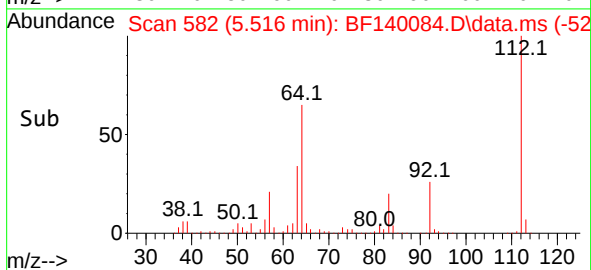
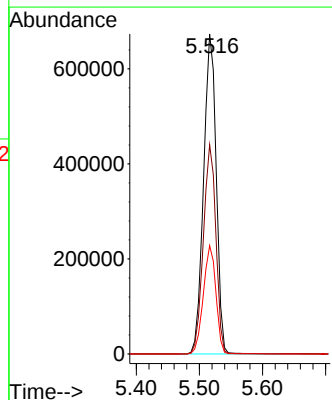
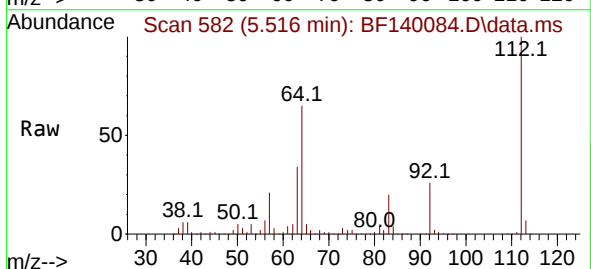
Instrument :
BNA_F
ClientSampleId :
WB-305-BOT

Tgt Ion:152 Resp: 112580
Ion Ratio Lower Upper
152 100
150 159.0 130.2 195.2
115 65.7 51.4 77.2



#5
2-Fluorophenol
Concen: 130.498 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

Tgt Ion:112 Resp: 938458
Ion Ratio Lower Upper
112 100
64 65.4 53.0 79.6
63 33.9 27.0 40.4

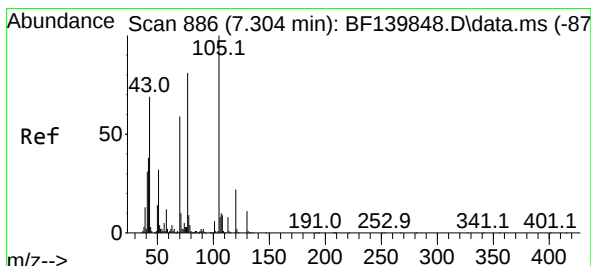
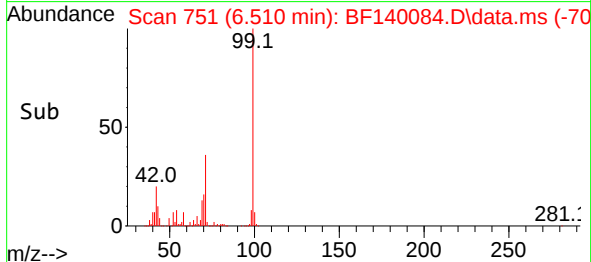
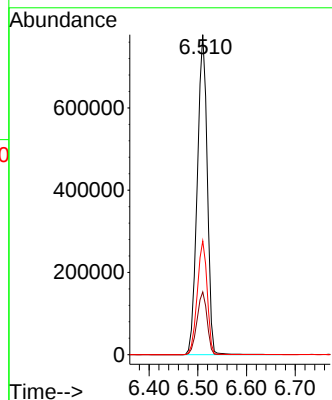
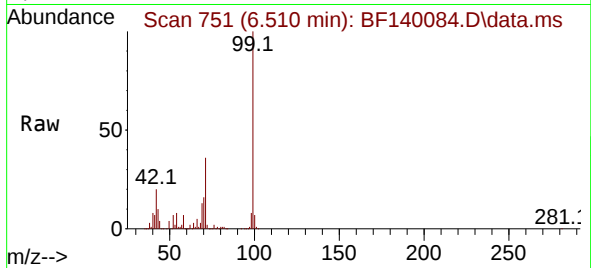




#7
Phenol-d6
Concen: 119.796 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

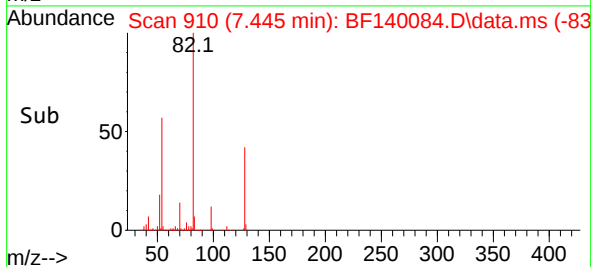
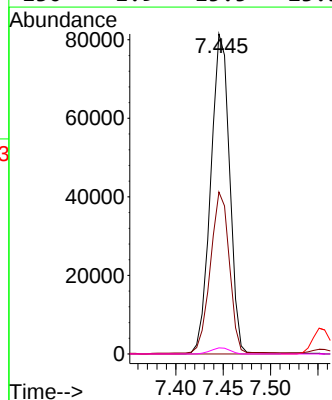
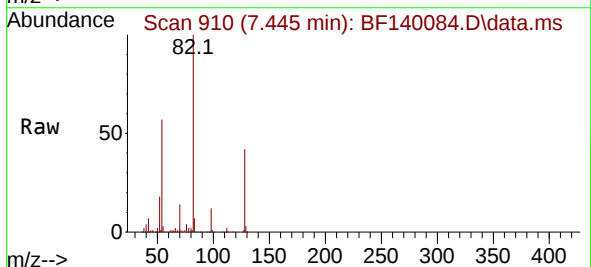
Instrument :
BNA_F
ClientSampleId :
WB-305-BOT

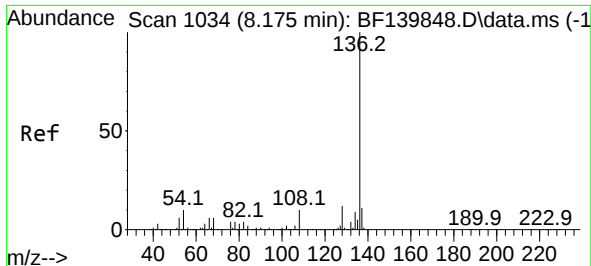
Tgt Ion: 99 Resp: 1115782
Ion Ratio Lower Upper
99 100
42 19.6 16.7 25.1
71 35.6 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.967 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

Tgt Ion: 70 Resp: 112794
Ion Ratio Lower Upper
70 100
42 50.6 51.5 77.3#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



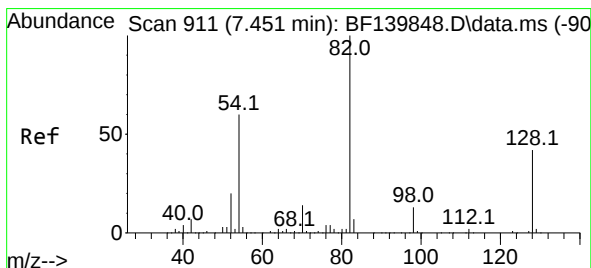
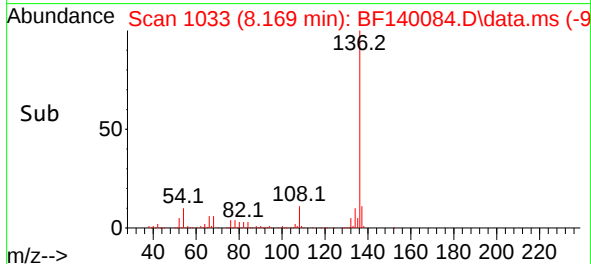
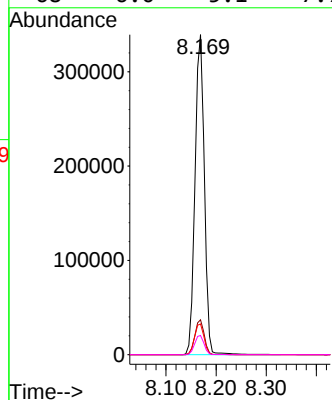
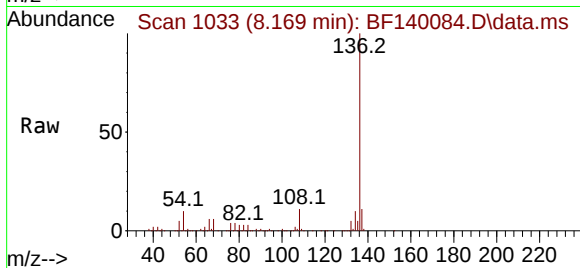


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

Instrument :
BNA_F
ClientSampleId :
WB-305-BOT

Tgt Ion:136 Resp: 438516

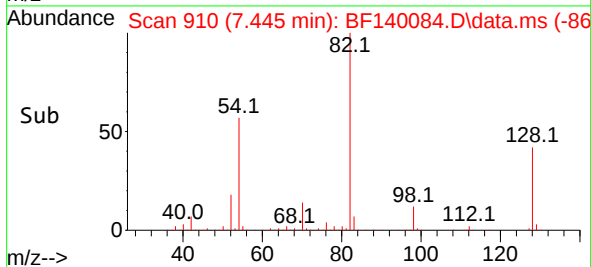
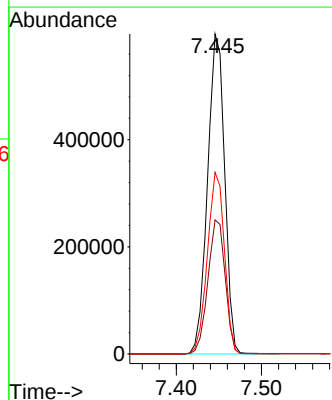
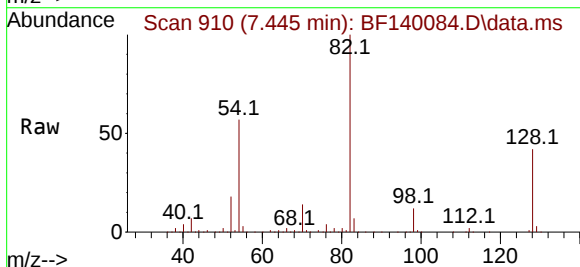
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.6	8.4	12.6
68	6.0	5.1	7.7

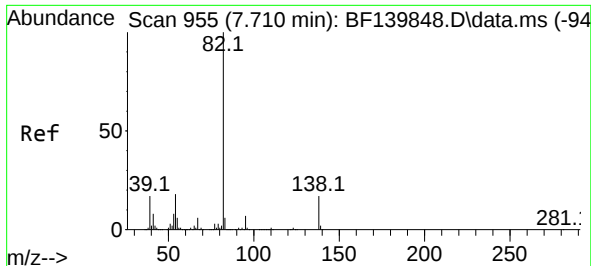


#23
Nitrobenzene-d5
Concen: 105.486 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

Tgt Ion: 82 Resp: 834614

Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.4	50.0
54	56.8	47.8	71.8

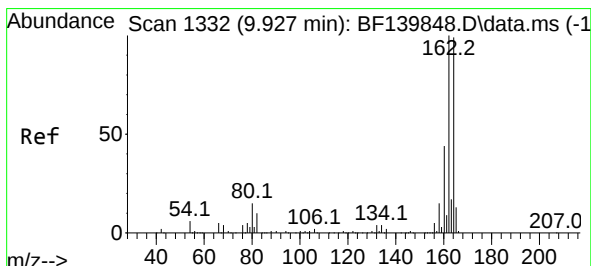
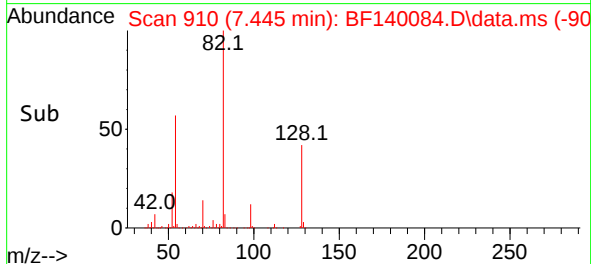
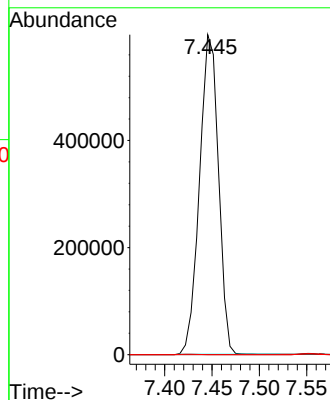
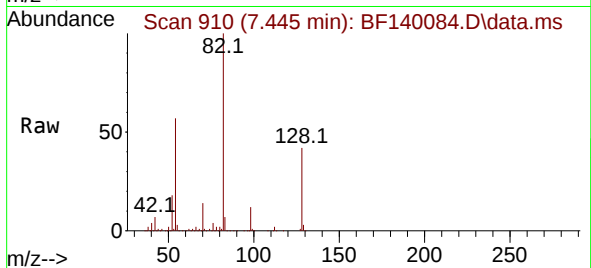




#25
Isophorone
Concen: 55.187 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

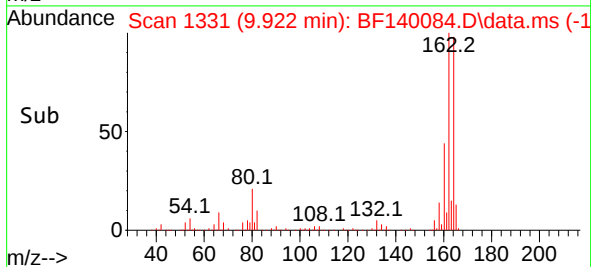
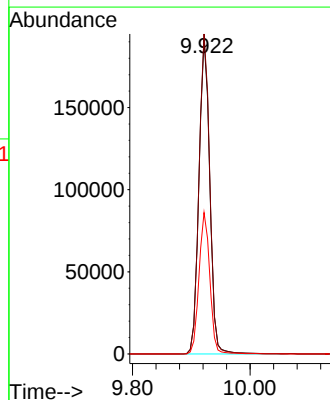
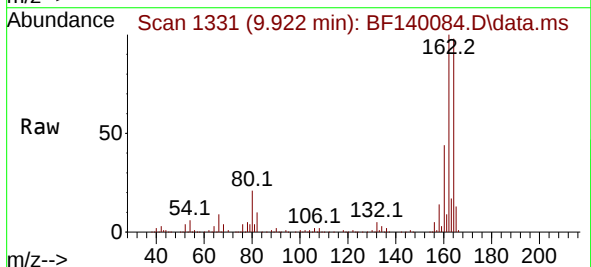
Instrument :
BNA_F
ClientSampleId :
WB-305-BOT

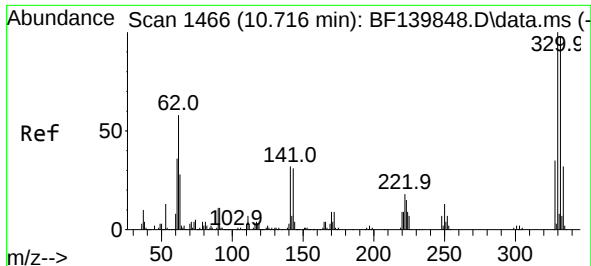
Tgt Ion: 82 Resp: 828753
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

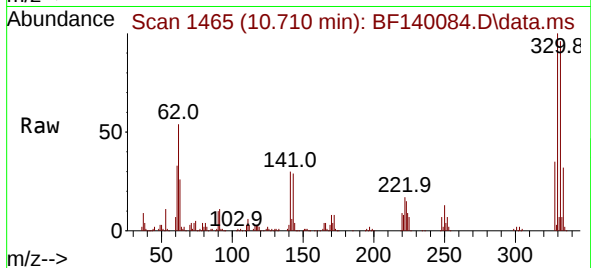
Tgt Ion: 164 Resp: 246067
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 44.9 35.4 53.0



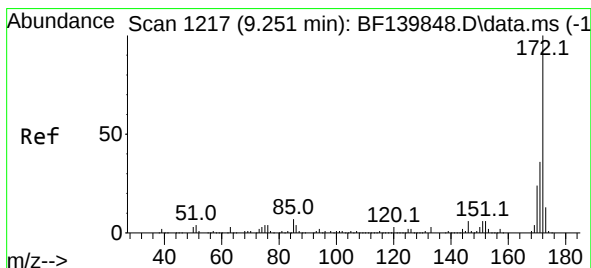
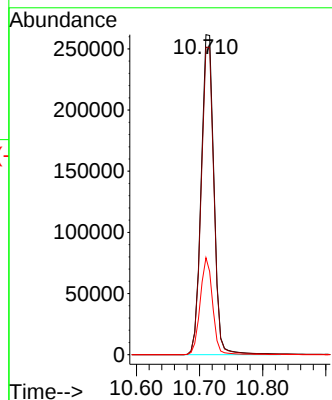
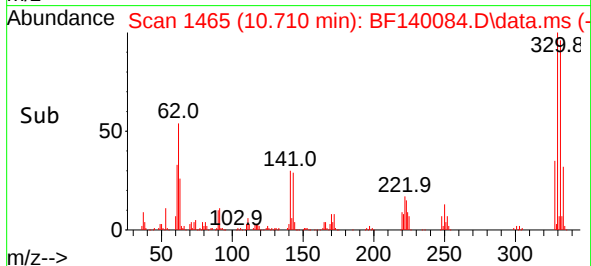


#42
2,4,6-Tribromophenol
Concen: 159.499 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

Instrument :
BNA_F
ClientSampleId :
WB-305-BOT

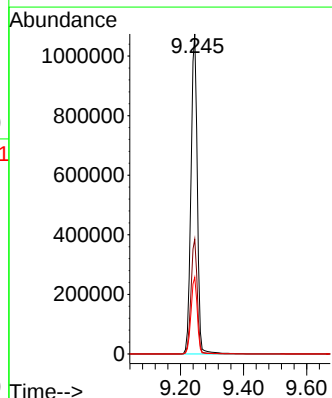
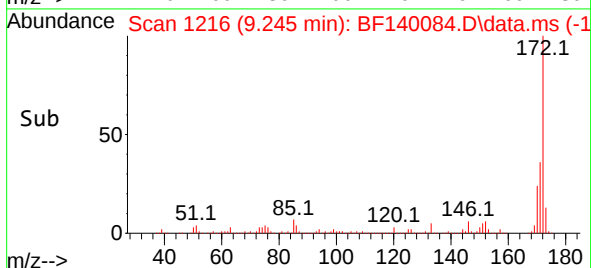
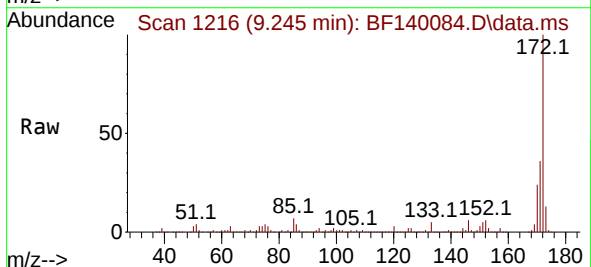


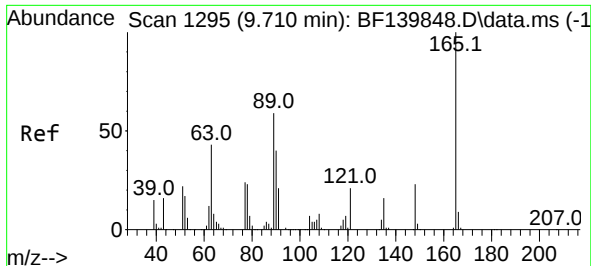
Tgt Ion:330 Resp: 367109
Ion Ratio Lower Upper
330 100
332 96.4 78.1 117.1
141 29.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 100.787 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

Tgt Ion:172 Resp: 1500601
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.9 19.1 28.7

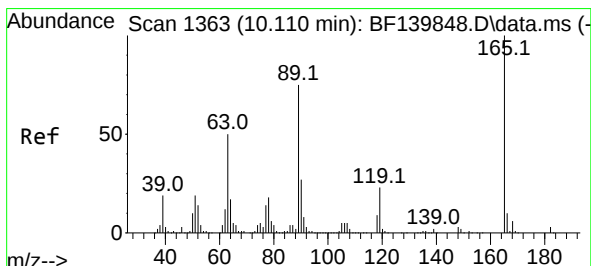
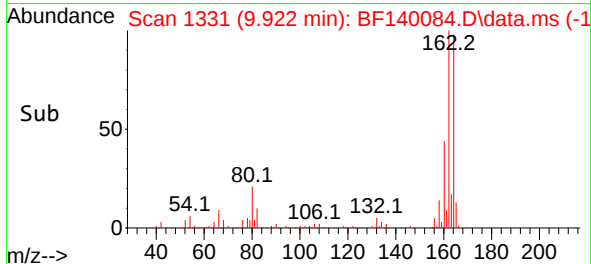
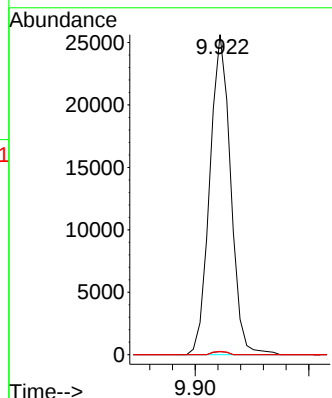
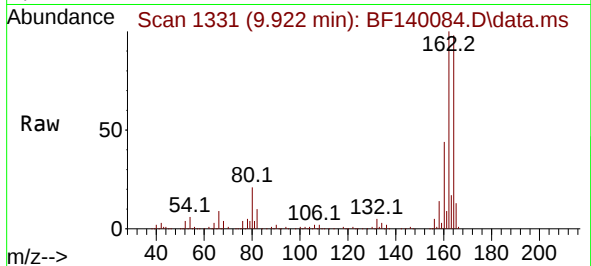




#51
2,6-Dinitrotoluene
Concen: 9.844 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

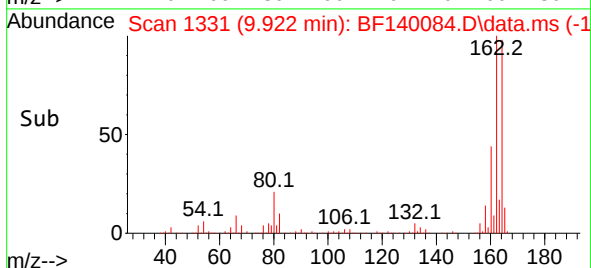
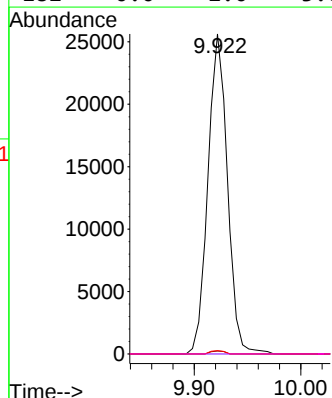
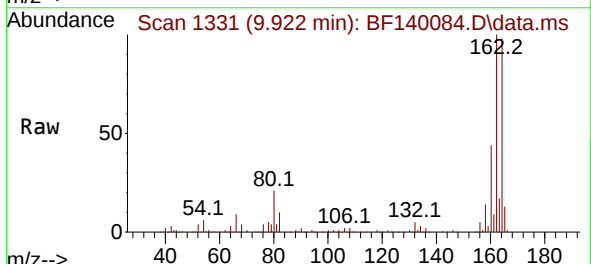
Instrument :
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ClientSampleId :
WB-305-BOT

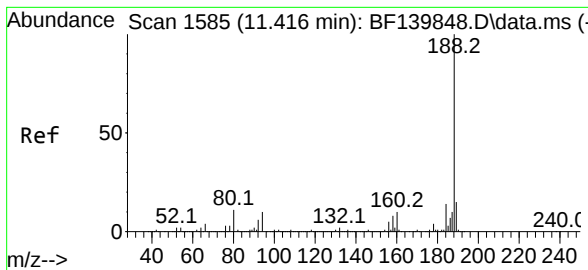
Tgt Ion:165 Resp: 32668
Ion Ratio Lower Upper
165 100
63 0.9 50.6 75.8#
89 1.0 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 8.005 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

Tgt Ion:165 Resp: 32669
Ion Ratio Lower Upper
165 100
63 0.9 40.1 60.1#
89 1.0 60.4 90.6#
182 0.0 2.0 3.0#

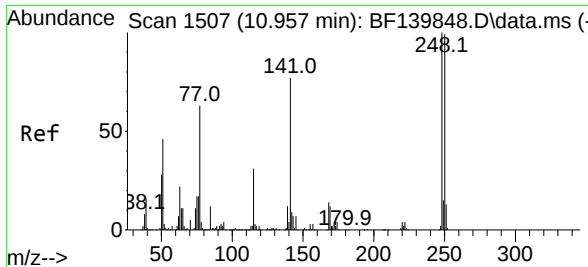
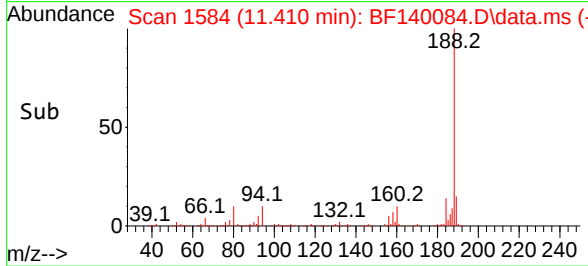
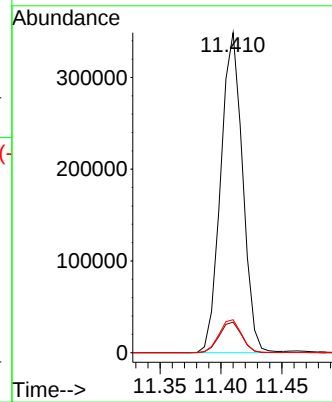
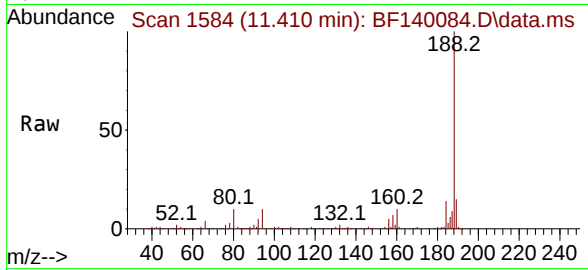




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

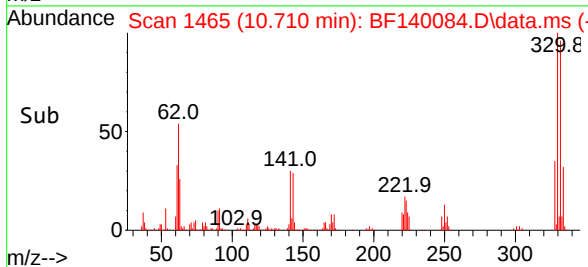
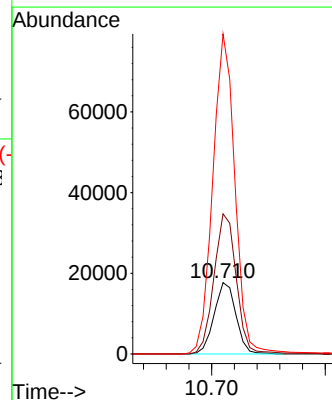
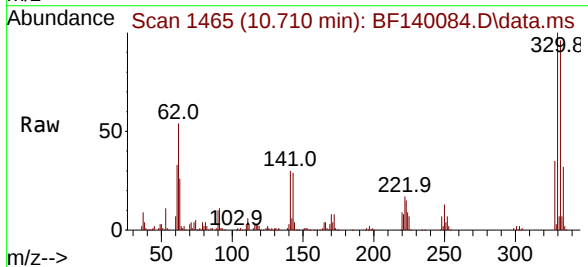
Instrument :
BNA_F
ClientSampleId :
WB-305-BOT

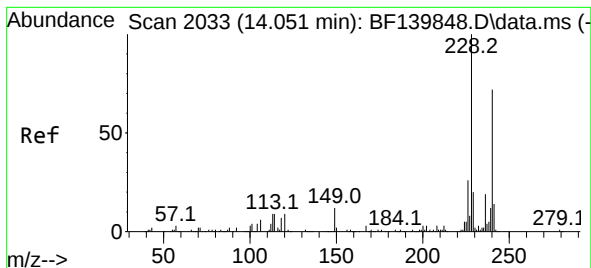
Tgt Ion:188 Resp: 437262
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.3 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 5.234 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

Tgt Ion:248 Resp: 23578
Ion Ratio Lower Upper
248 100
250 196.3 79.0 118.6#
141 448.5 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140084.D

Acq: 28 Oct 2024 13:51

Instrument :

BNA_F

ClientSampleId :

WB-305-BOT

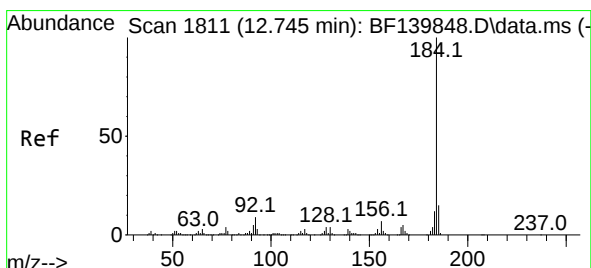
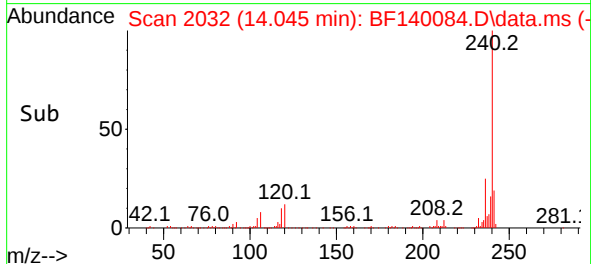
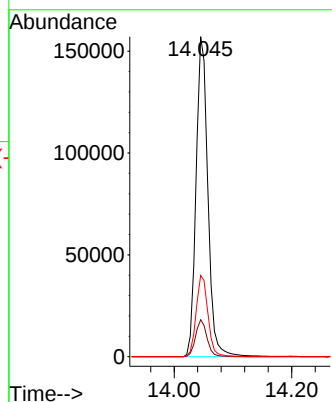
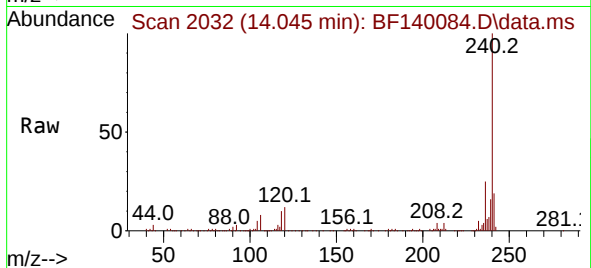
Tgt Ion:240 Resp: 219498

Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

236 25.4 20.9 31.3



#77

Benzidine

Concen: 5.126 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF140084.D

Acq: 28 Oct 2024 13:51

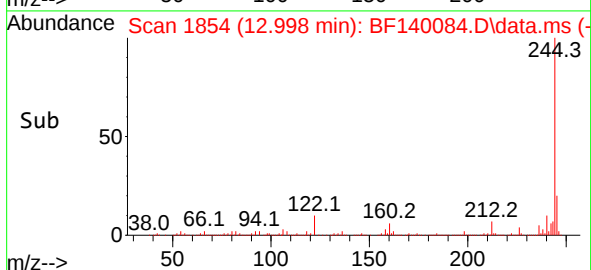
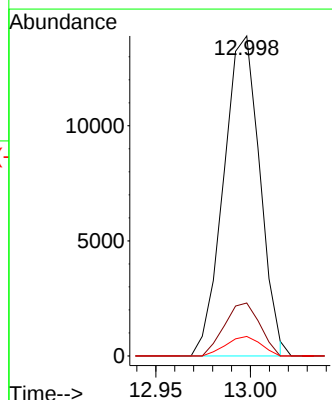
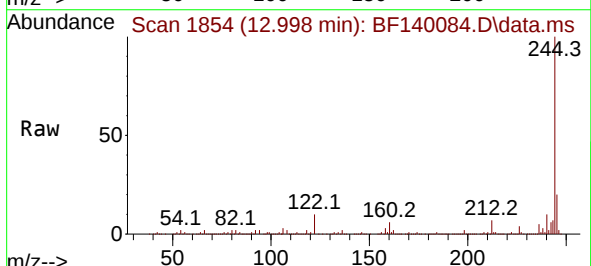
Tgt Ion:184 Resp: 18502

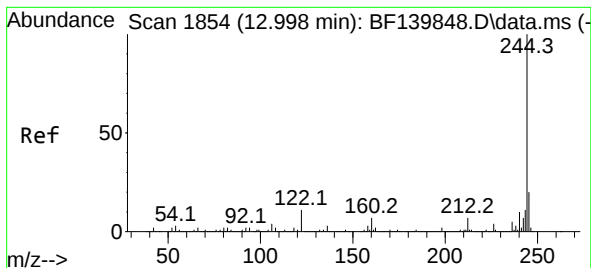
Ion Ratio Lower Upper

184 100

185 16.5 12.0 18.0

183 6.1 9.4 14.2#





#79

Terphenyl-d14

Concen: 110.559 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140084.D

Acq: 28 Oct 2024 13:51

Instrument :

BNA_F

ClientSampleId :

WB-305-BOT

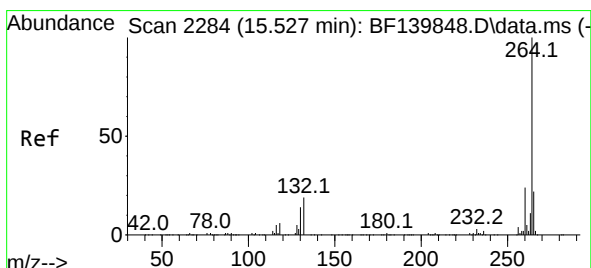
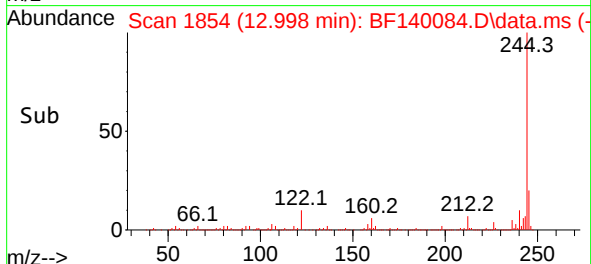
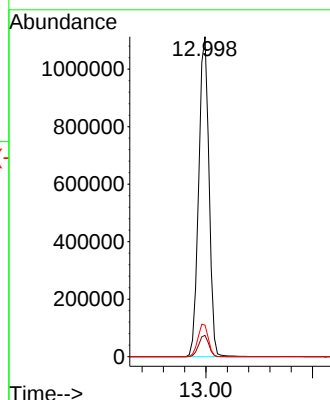
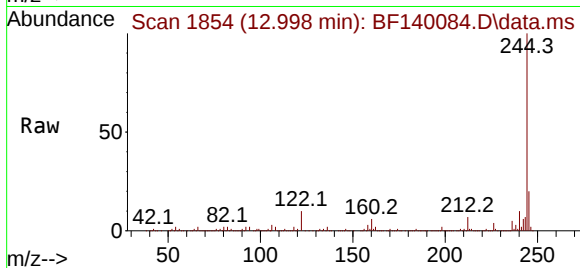
Tgt Ion:244 Resp: 1489277

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 9.8 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF140084.D

Acq: 28 Oct 2024 13:51

Tgt Ion:264 Resp: 258448

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.8 17.4 26.0

