

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140572.D
 Acq On : 22 Nov 2024 12:55
 Operator : RC/JU
 Sample : P4925-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-741

Quant Time: Nov 22 13:15:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

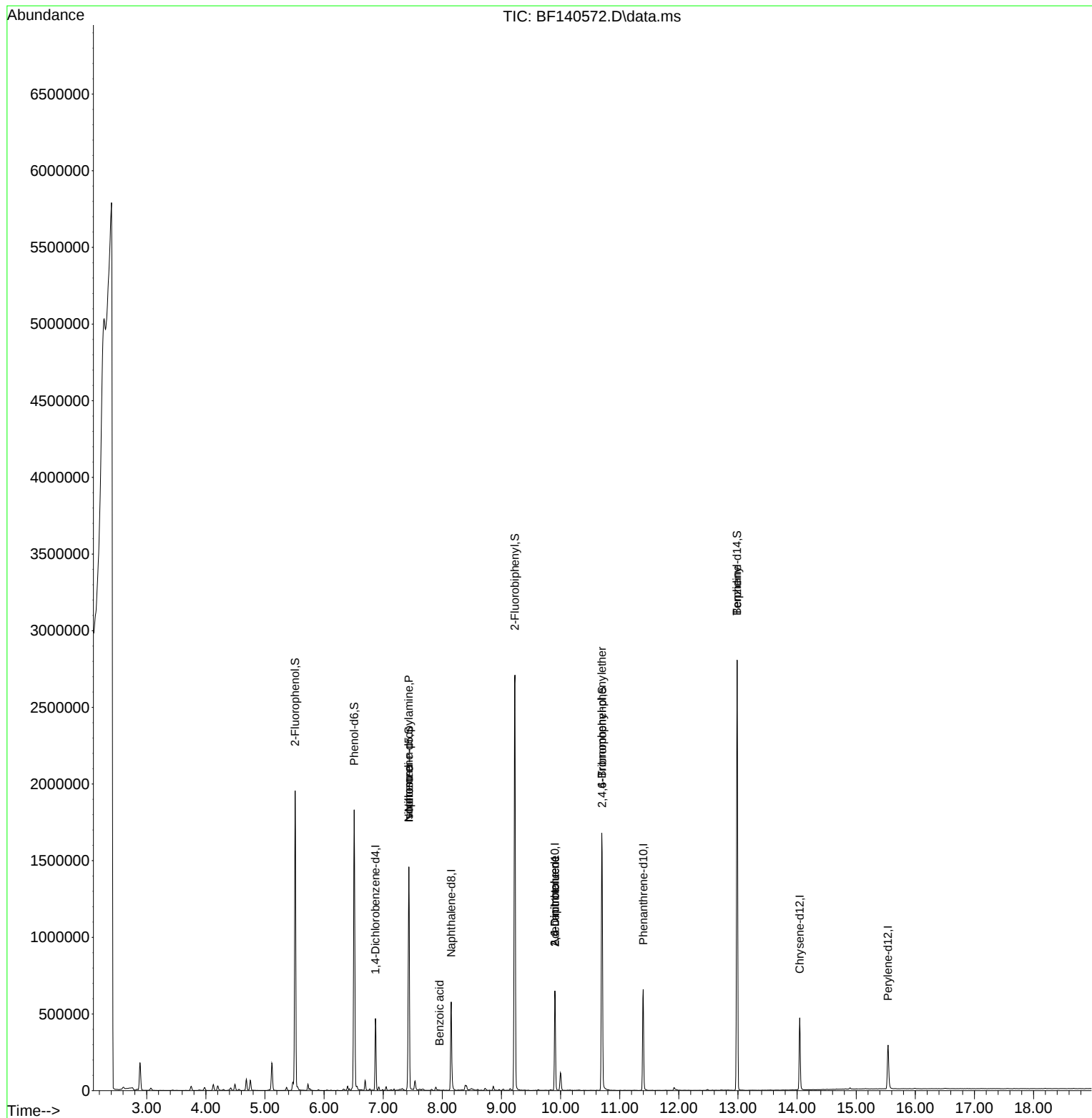
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	98838	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	364572	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	200466	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	369882	20.000	ng	0.00
76) Chrysene-d12	14.045	240	232681	20.000	ng	0.00
86) Perylene-d12	15.539	264	189077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	733311	126.589	ng	0.01
7) Phenol-d6	6.510	99	887474	115.884	ng	0.00
23) Nitrobenzene-d5	7.434	82	690215	96.839	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	306398	142.910	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1260889	93.714	ng	0.00
79) Terphenyl-d14	12.986	244	1385993	92.752	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	94931	20.974	ng	# 75
25) Isophorone	7.434	82	684710	57.596	ng	# 66
32) Benzoic acid	7.951	122	1942	7.678	ng	# 44
51) 2,6-Dinitrotoluene	9.904	165	25657	8.569	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	25657	6.447	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	19580	5.140	ng	# 1
77) Benzidine	12.986	184	18996	2.808	ng	# 95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
Data File : BF140572.D
Acq On : 22 Nov 2024 12:55
Operator : RC/JU
Sample : P4925-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-741

Quant Time: Nov 22 13:15:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

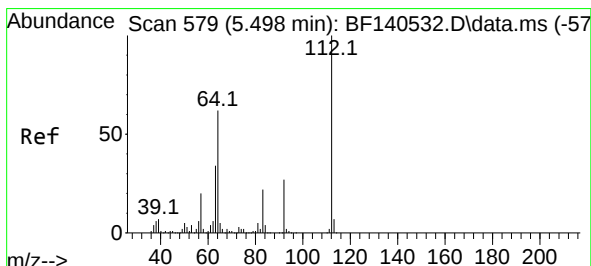
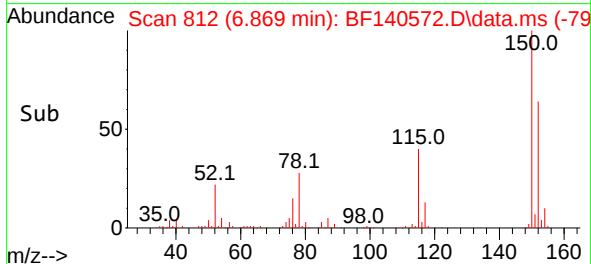
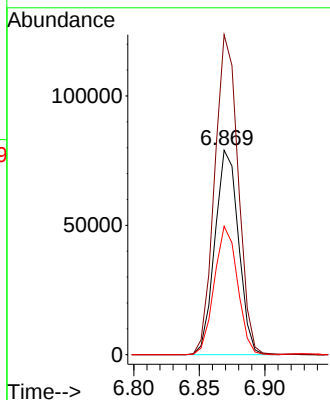
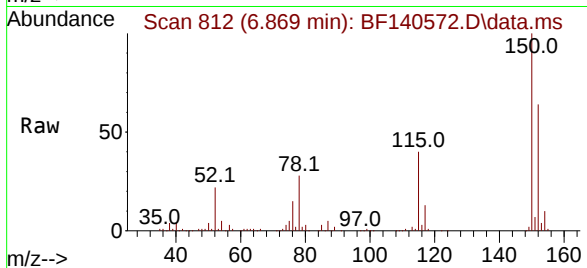




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

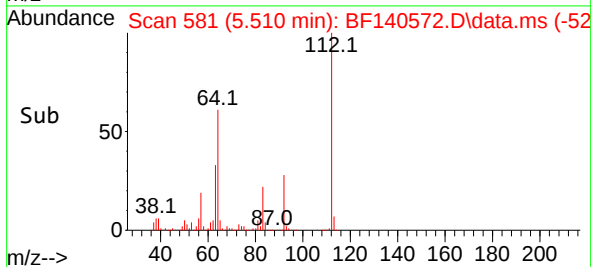
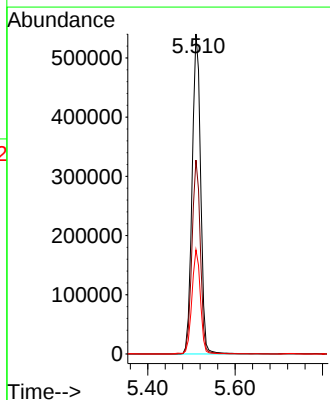
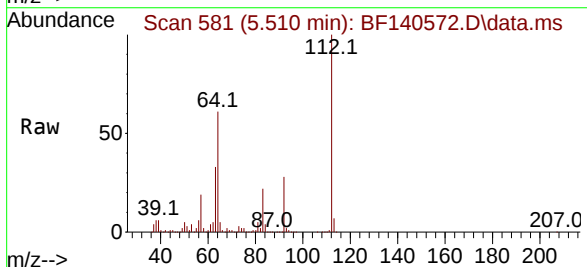
Instrument :
BNA_F
ClientSampleId :
MH-741

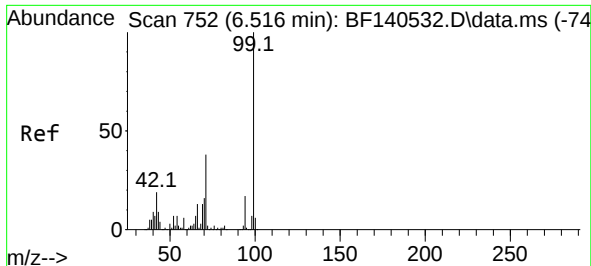
Tgt Ion:152 Resp: 98838
Ion Ratio Lower Upper
152 100
150 156.5 128.5 192.7
115 62.7 50.2 75.4



#5
2-Fluorophenol
Concen: 126.589 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

Tgt Ion:112 Resp: 733311
Ion Ratio Lower Upper
112 100
64 60.6 49.2 73.8
63 32.5 27.0 40.4





#7
Phenol-d6
Concen: 115.884 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

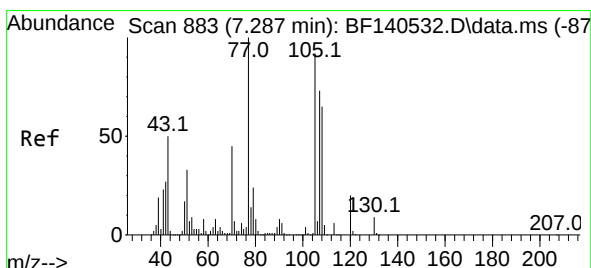
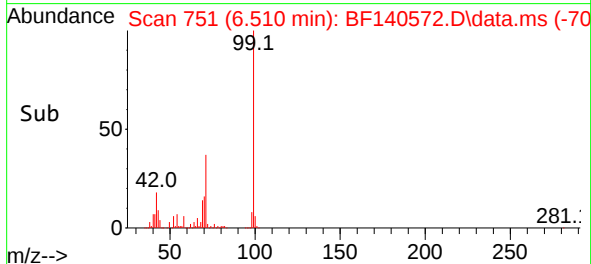
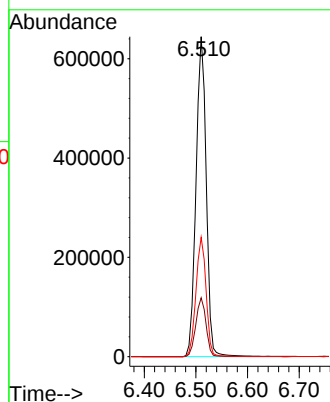
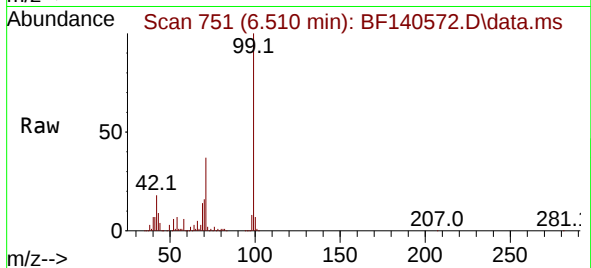
Instrument :

BNA_F

ClientSampleId :

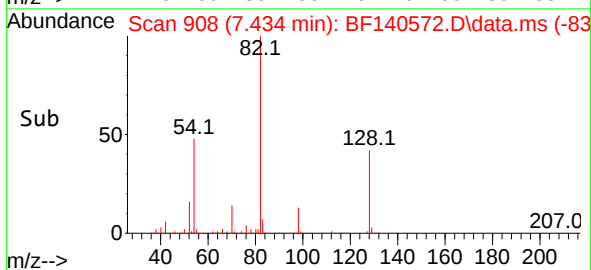
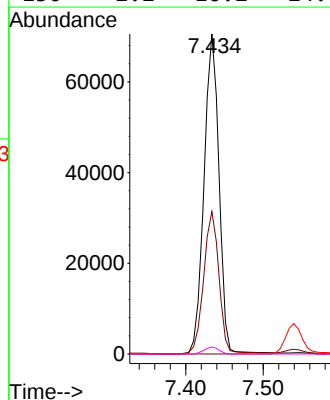
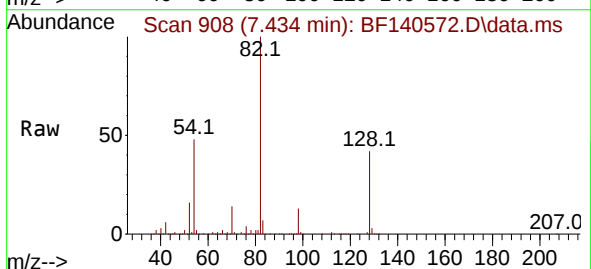
MH-741

Tgt Ion: 99 Resp: 887474
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.3 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.974 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

Tgt Ion: 70 Resp: 94931
Ion Ratio Lower Upper
70 100
42 44.5 47.6 71.4#
101 0.0 7.6 11.4#
130 2.2 16.2 24.4#



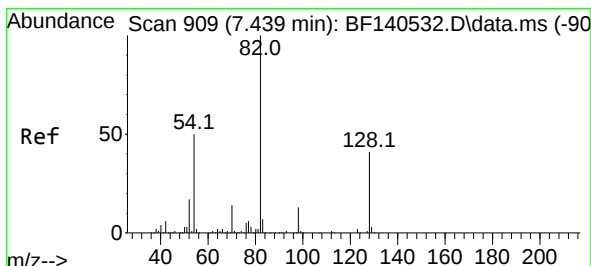
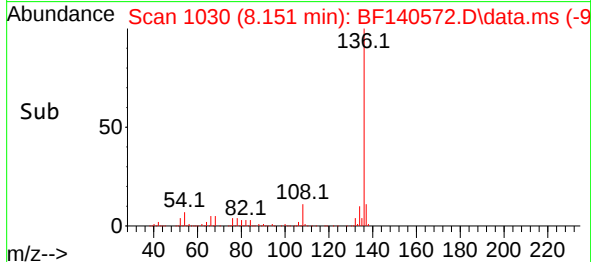
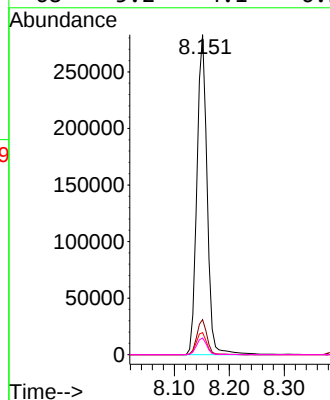
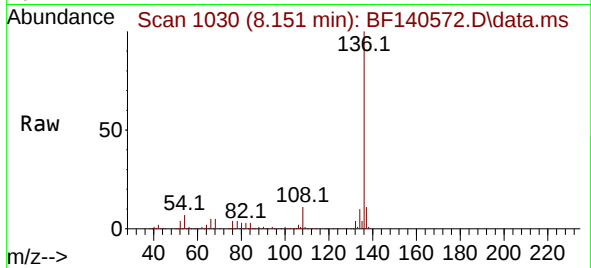


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

Instrument :
BNA_F
ClientSampleId :
MH-741

Tgt Ion:136 Resp: 364572

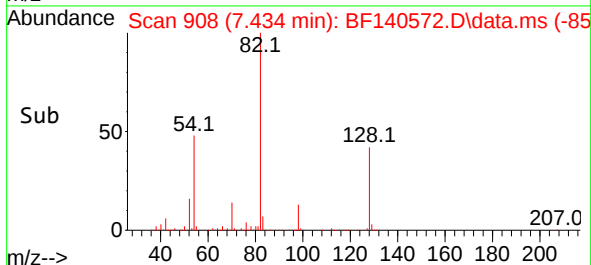
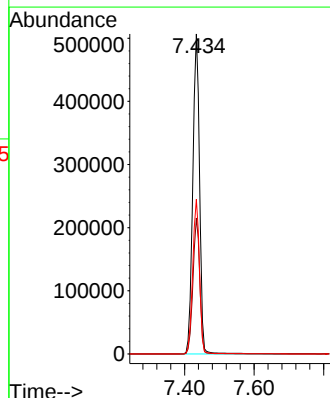
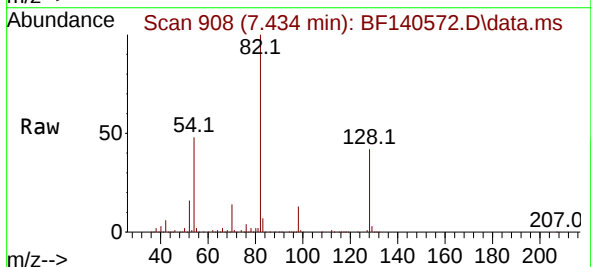
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.9	5.8	8.8
68	5.2	4.1	6.1

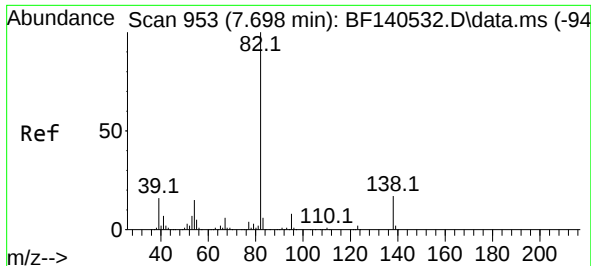


#23
Nitrobenzene-d5
Concen: 96.839 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

Tgt Ion: 82 Resp: 690215

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.0	49.4
54	48.4	39.5	59.3

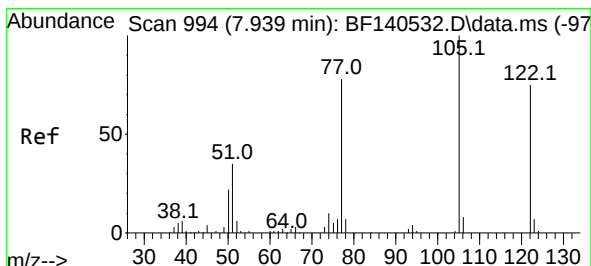
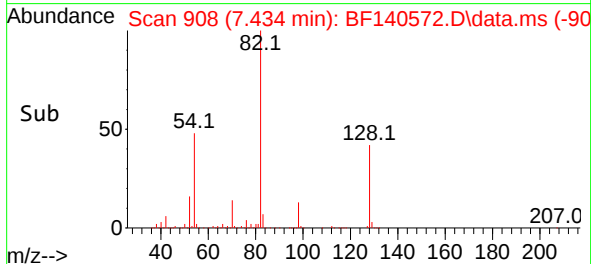
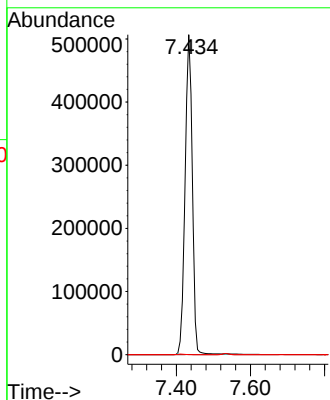
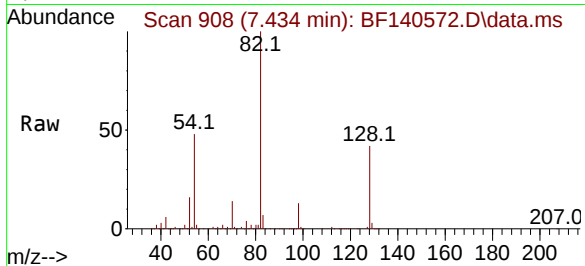




#25
Isophorone
Concen: 57.596 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

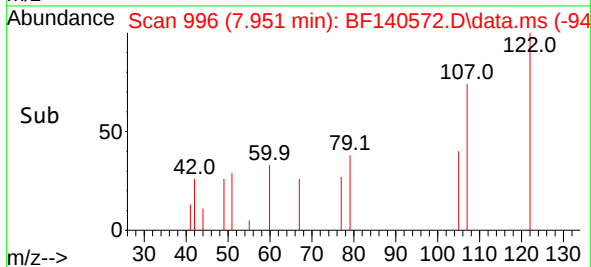
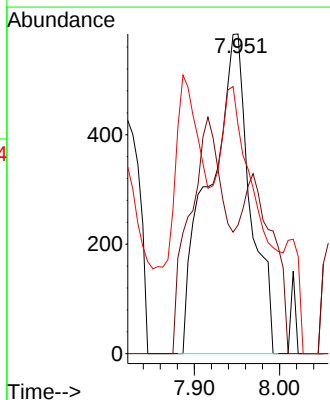
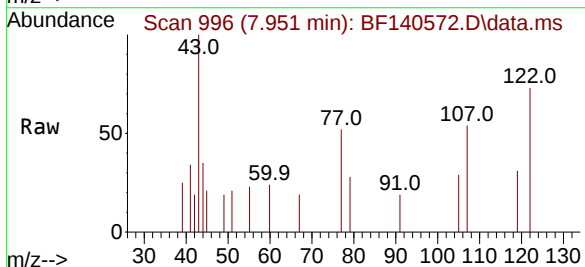
Instrument :
BNA_F
ClientSampleId :
MH-741

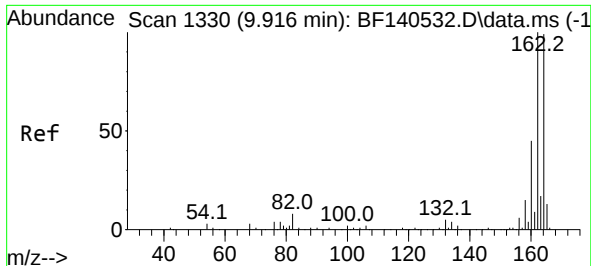
Tgt Ion: 82 Resp: 684710
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.678 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

Tgt Ion:122 Resp: 1942
Ion Ratio Lower Upper
122 100
105 40.2 109.3 149.3#
77 71.6 82.3 122.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140572.D

Acq: 22 Nov 2024 12:55

Instrument :

BNA_F

ClientSampleId :

MH-741

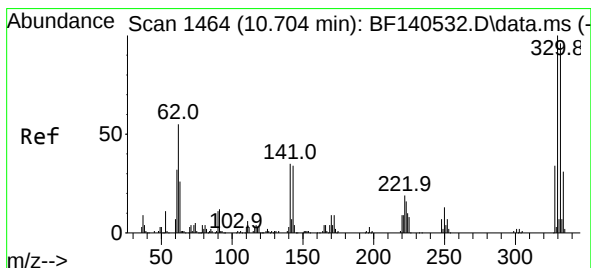
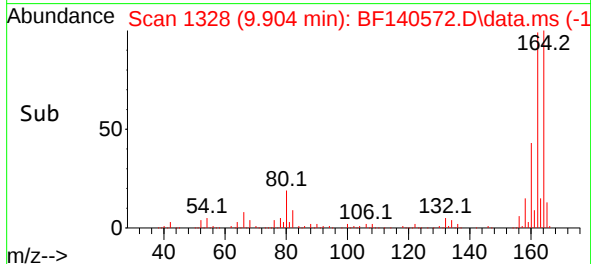
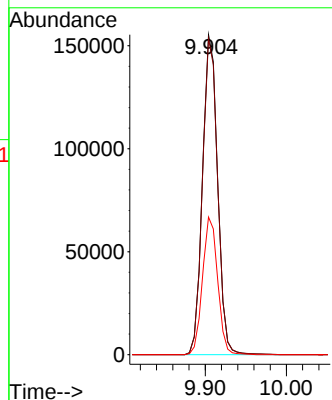
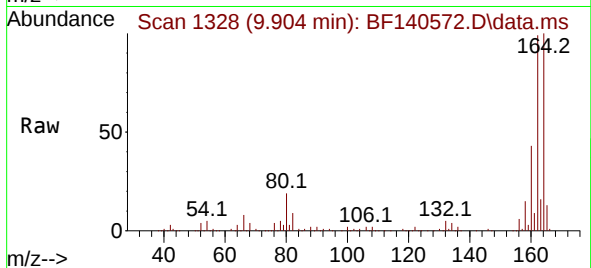
Tgt Ion:164 Resp: 200466

Ion Ratio Lower Upper

164 100

162 98.8 80.6 120.8

160 43.0 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 142.910 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF140572.D

Acq: 22 Nov 2024 12:55

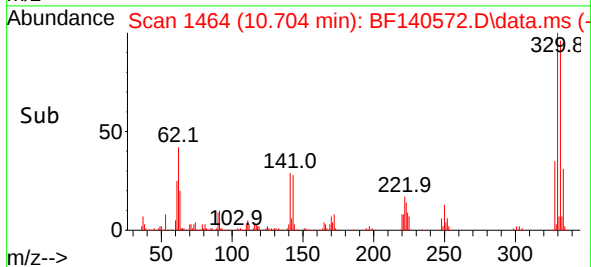
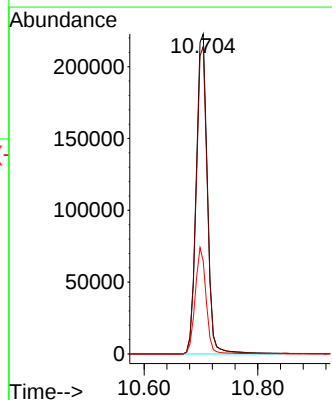
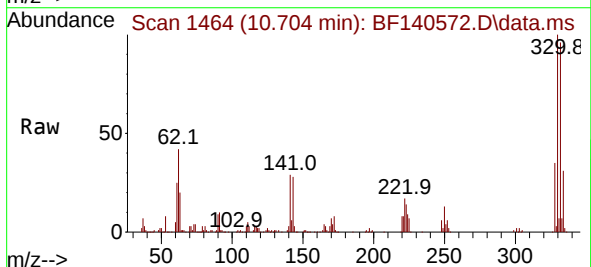
Tgt Ion:330 Resp: 306398

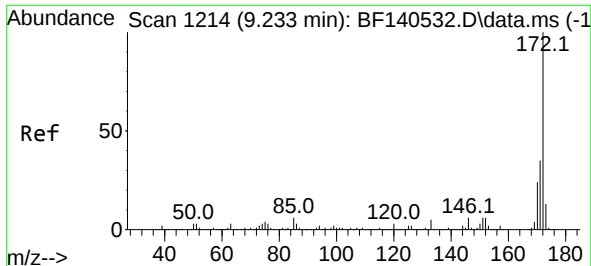
Ion Ratio Lower Upper

330 100

332 95.6 76.9 115.3

141 32.7 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 93.714 ng

RT: 9.228 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140572.D

Acq: 22 Nov 2024 12:55

Instrument :

BNA_F

ClientSampleId :

MH-741

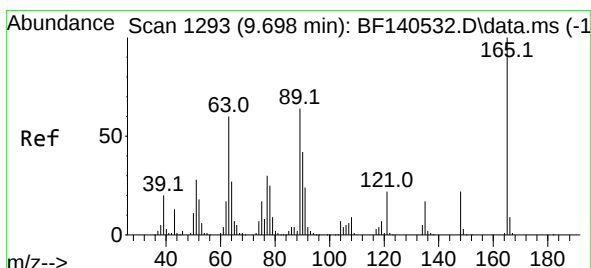
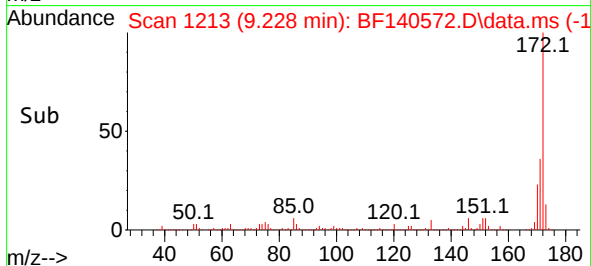
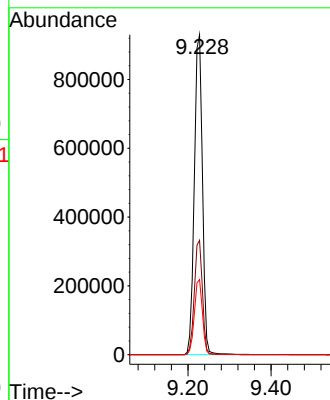
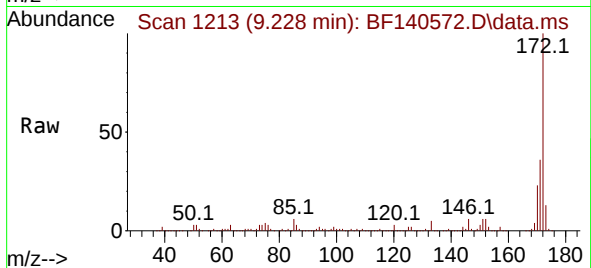
Tgt Ion:172 Resp: 1260889

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.5 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.569 ng

RT: 9.904 min Scan# 1328

Delta R.T. 0.206 min

Lab File: BF140572.D

Acq: 22 Nov 2024 12:55

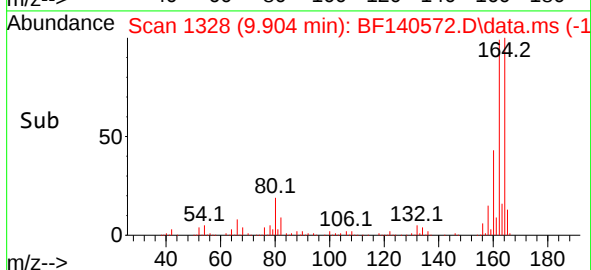
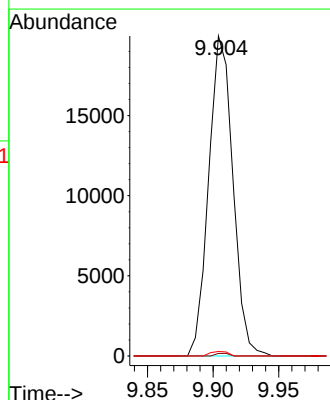
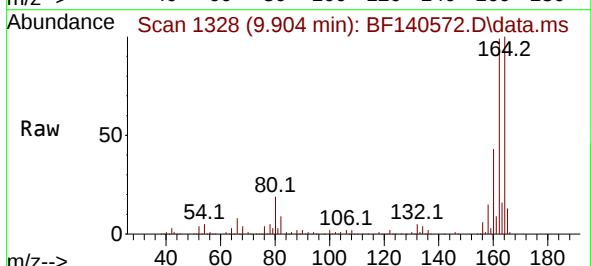
Tgt Ion:165 Resp: 25657

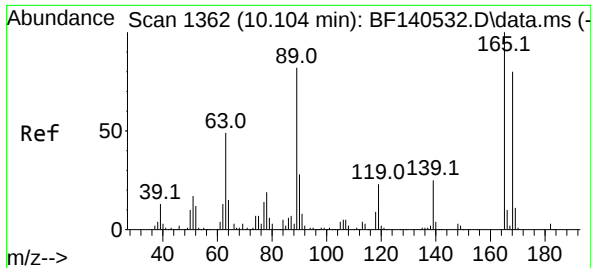
Ion Ratio Lower Upper

165 100

63 0.8 49.9 74.9#

89 1.4 50.9 76.3#

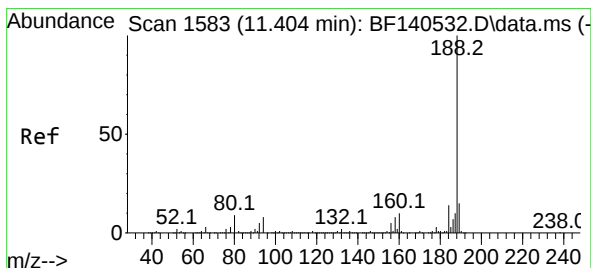
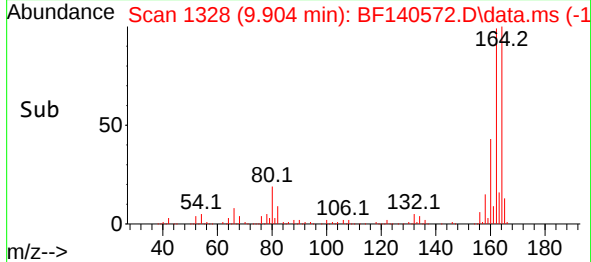
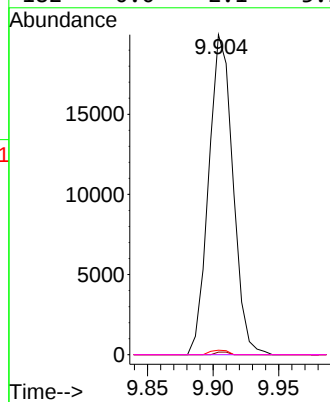
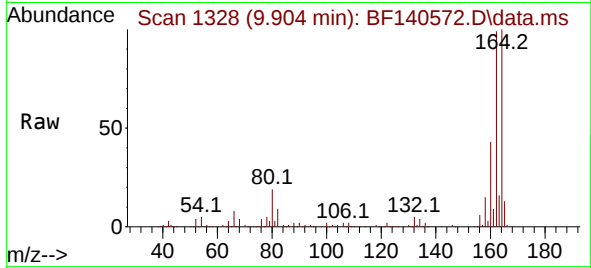




#57
2,4-Dinitrotoluene
Concen: 6.447 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

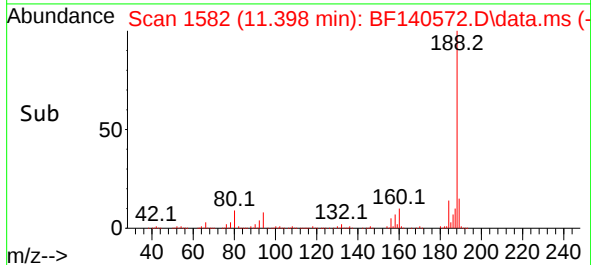
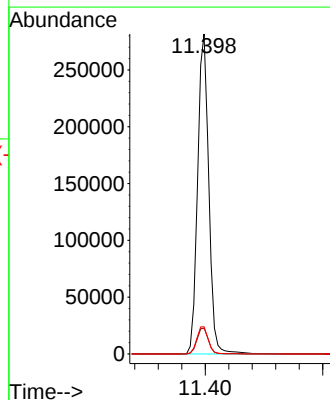
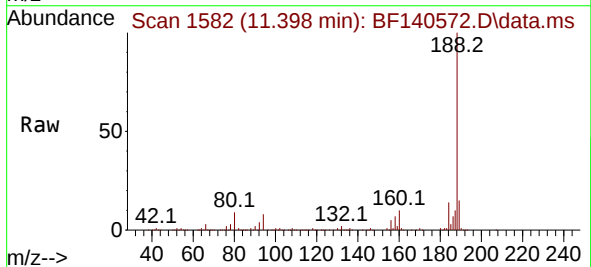
Instrument :
BNA_F
ClientSampleId :
MH-741

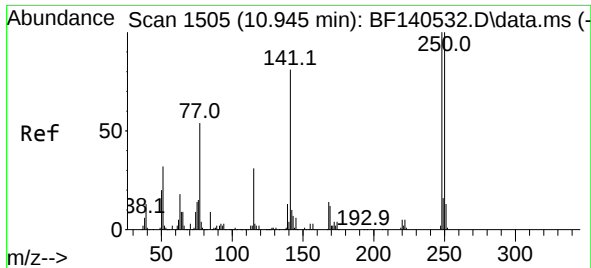
Tgt Ion:	165	Resp:	25657
Ion Ratio	Lower	Upper	
165	100		
63	0.8	41.7	62.5#
89	1.4	65.8	98.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

Tgt Ion:	188	Resp:	369882
Ion Ratio	Lower	Upper	
188	100		
94	8.1	6.4	9.6
80	8.5	6.9	10.3

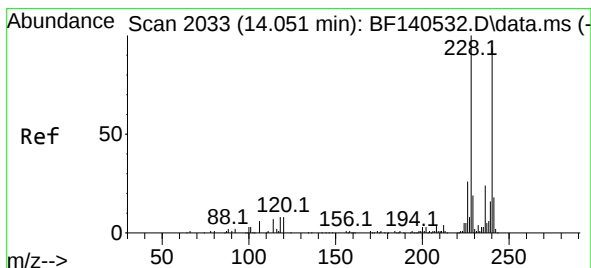
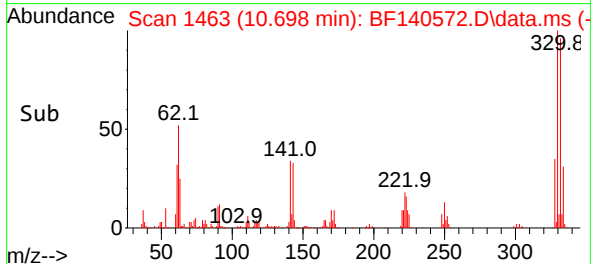
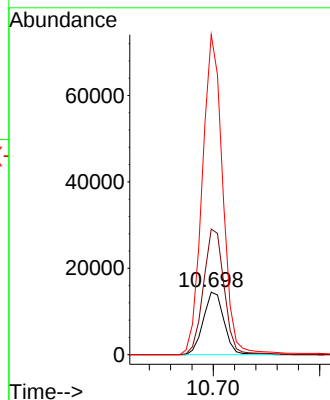
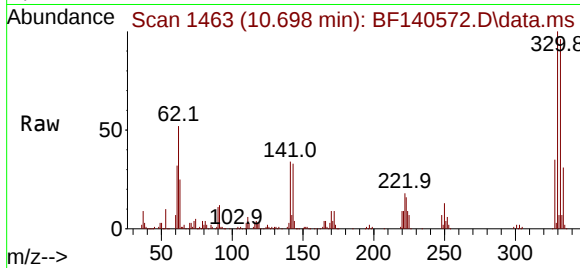




#67
4-Bromophenyl-phenylether
Concen: 5.140 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

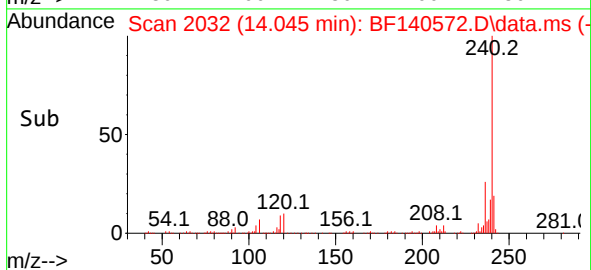
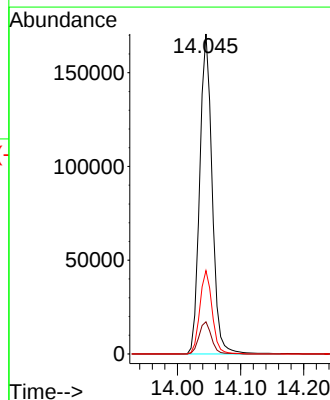
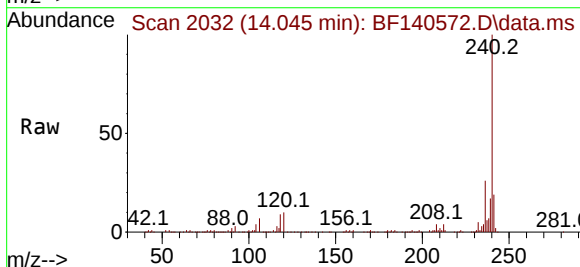
Instrument :
BNA_F
ClientSampleId :
MH-741

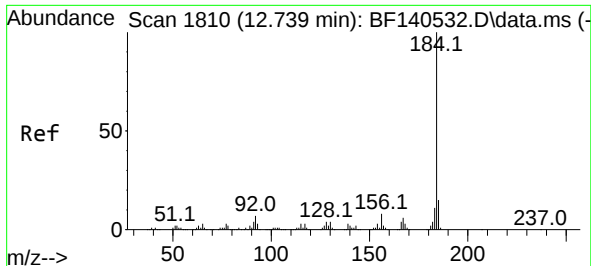
Tgt Ion:248 Resp: 19580
Ion Ratio Lower Upper
248 100
250 201.0 79.8 119.8#
141 511.9 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

Tgt Ion:240 Resp: 232681
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 26.0 20.6 31.0

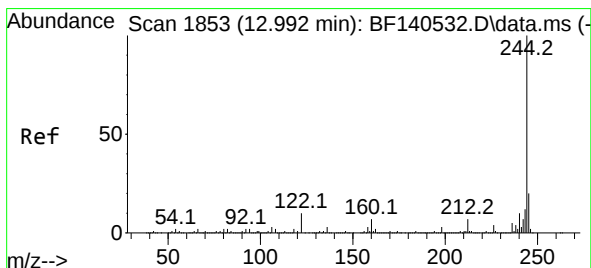
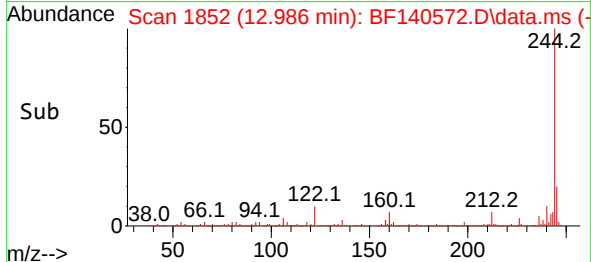
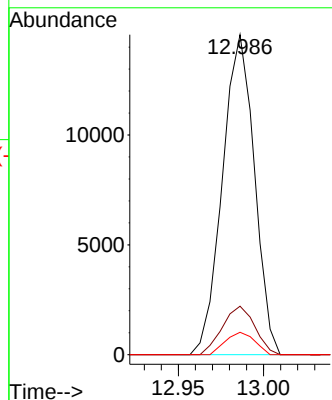
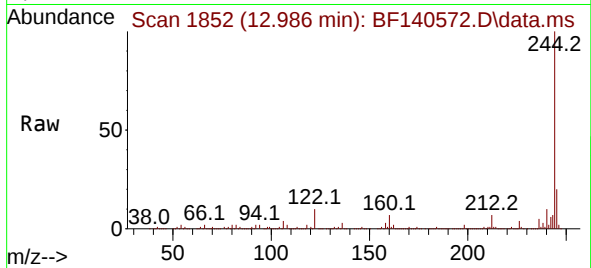




#77
Benzidine
Concen: 2.808 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

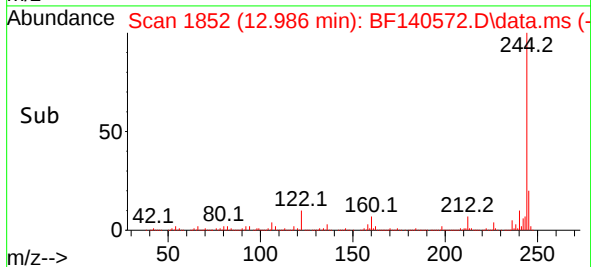
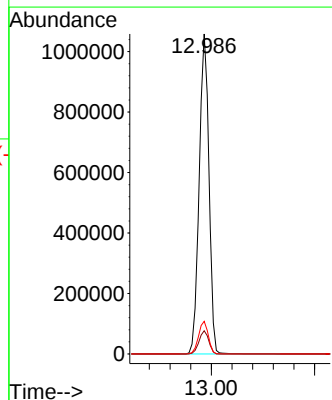
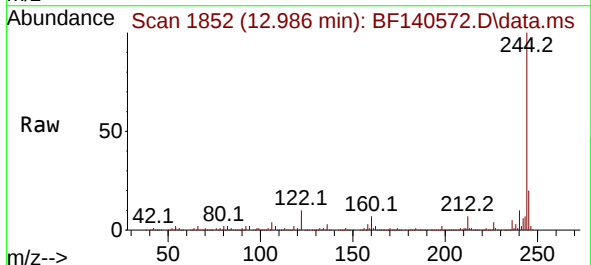
Instrument :
BNA_F
ClientSampleId :
MH-741

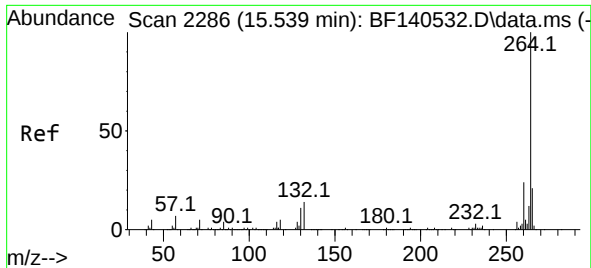
Tgt Ion:184 Resp: 18996
Ion Ratio Lower Upper
184 100
185 15.1 11.7 17.5
183 7.0 8.8 13.2#



#79
Terphenyl-d14
Concen: 92.752 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

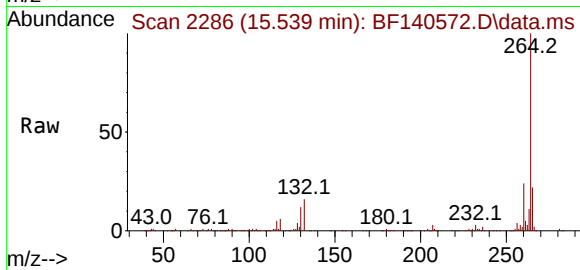
Tgt Ion:244 Resp: 1385993
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.2 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF140572.D
 Acq: 22 Nov 2024 12:55

Instrument :
 BNA_F
 ClientSampleId :
 MH-741



Tgt Ion:264 Resp: 189077
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 21.8 16.6 25.0

