

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140768.D
 Acq On : 06 Dec 2024 15:58
 Operator : RC/JU
 Sample : P5095-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-764

Quant Time: Dec 06 15:26:32 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)

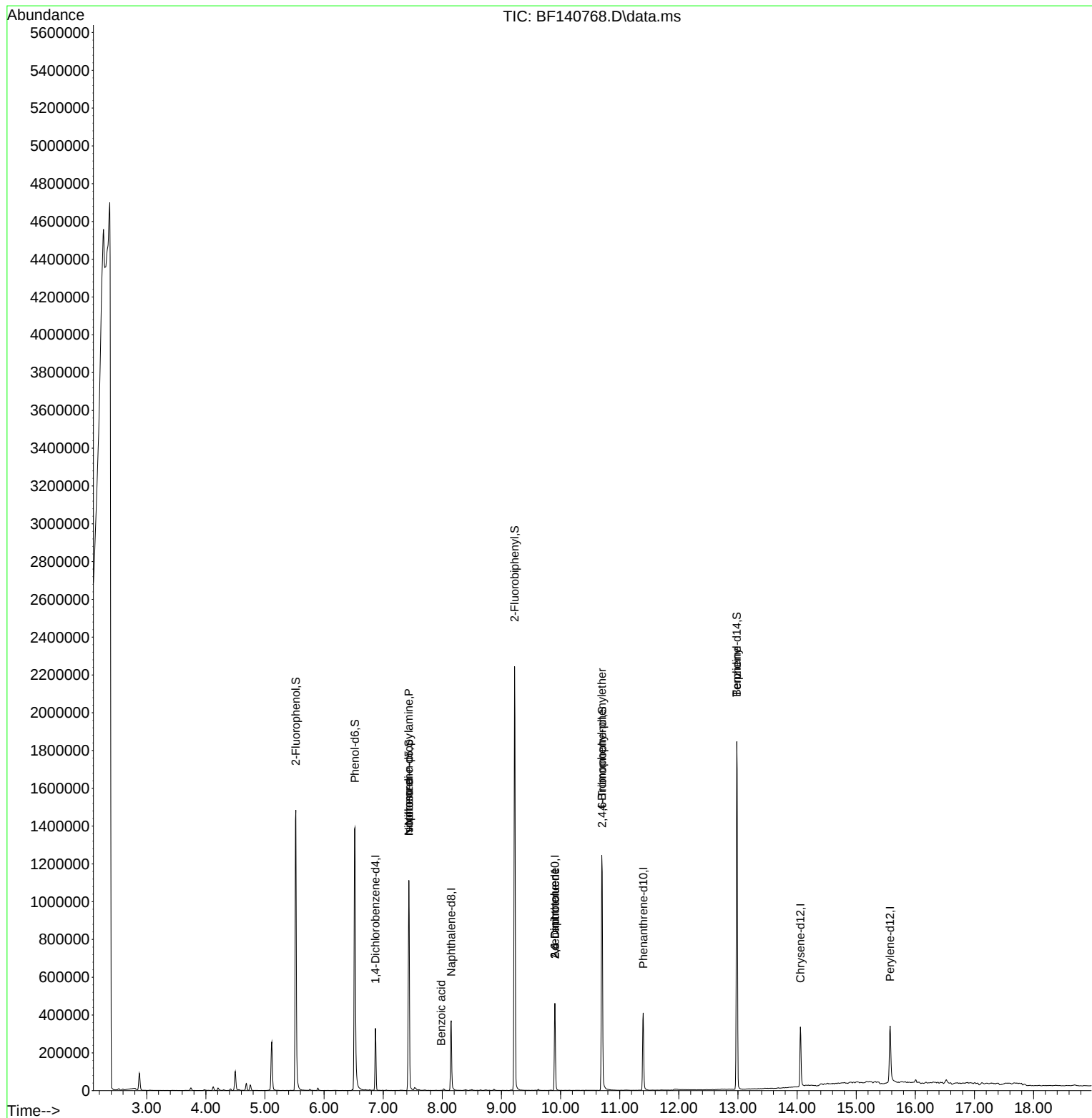
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	68557	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	259669	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	145006	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	244799	20.000	ng	0.00
76) Chrysene-d12	14.057	240	165924	20.000	ng	0.00
86) Perylene-d12	15.574	264	190322	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	621028	154.558	ng	0.02
7) Phenol-d6	6.522	99	780643	146.958	ng	0.00
23) Nitrobenzene-d5	7.434	82	527634	103.935	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	237878	153.386	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1021992	105.010	ng	-0.01
79) Terphenyl-d14	12.980	244	939873	88.203	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	70431	22.435	ng	# 75
25) Isophorone	7.434	82	522128	61.664	ng	# 66
32) Benzoic acid	7.981	122	550	7.385	ng	# 23
51) 2,6-Dinitrotoluene	9.904	165	18169	8.389	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	18169	6.312	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	15126	6.000	ng	# 1
77) Benzidine	12.980	184	12530	2.597	ng	# 90

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

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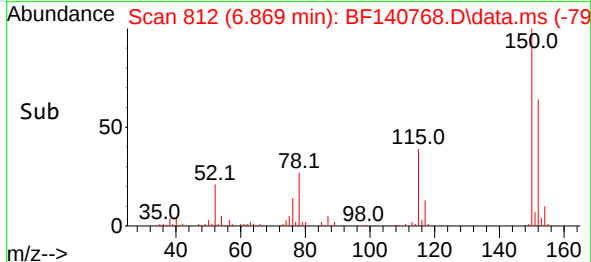
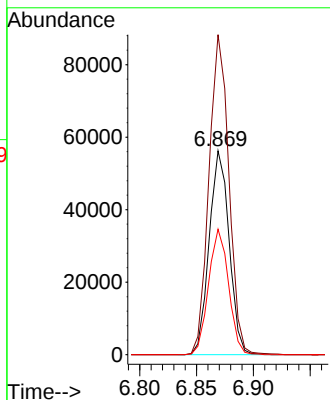
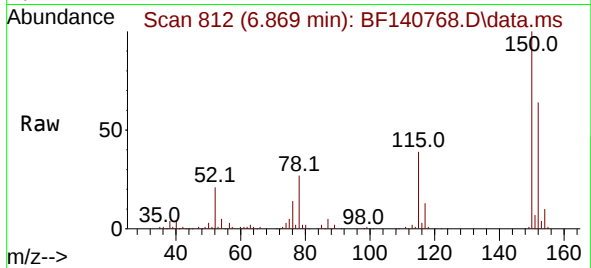




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140768.D
Acq: 06 Dec 2024 15:58

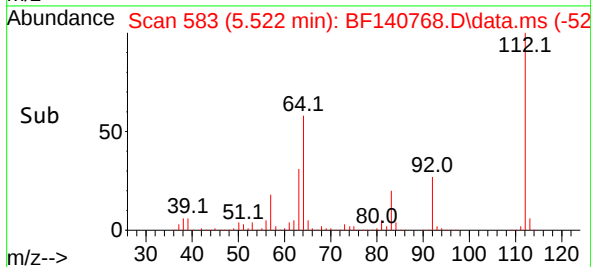
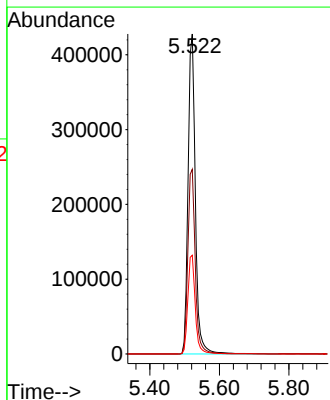
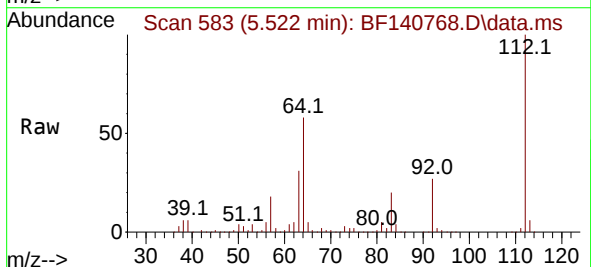
Instrument :
BNA_F
ClientSampleId :
MH-764

Tgt Ion:152 Resp: 68557
Ion Ratio Lower Upper
152 100
150 157.0 128.5 192.7
115 61.5 50.2 75.4



#5
2-Fluorophenol
Concen: 154.558 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.023 min
Lab File: BF140768.D
Acq: 06 Dec 2024 15:58

Tgt Ion:112 Resp: 621028
Ion Ratio Lower Upper
112 100
64 57.7 49.2 73.8
63 30.8 27.0 40.4





#7

Phenol-d6

Concen: 146.958 ng

RT: 6.522 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140768.D

Acq: 06 Dec 2024 15:58

Instrument :

BNA_F

ClientSampleId :

MH-764

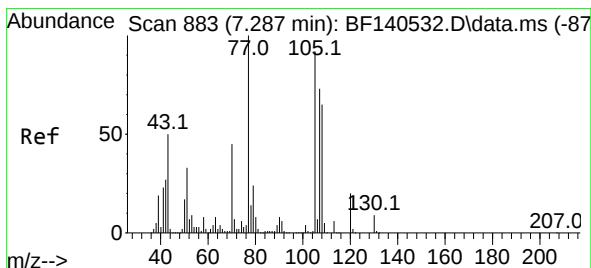
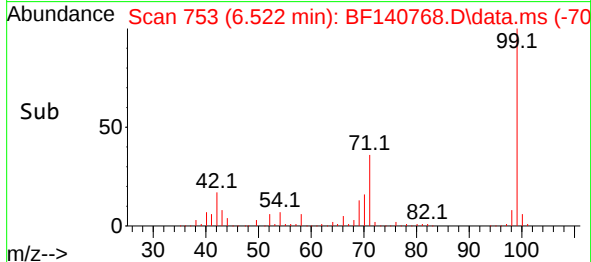
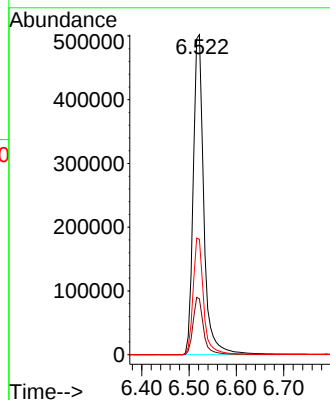
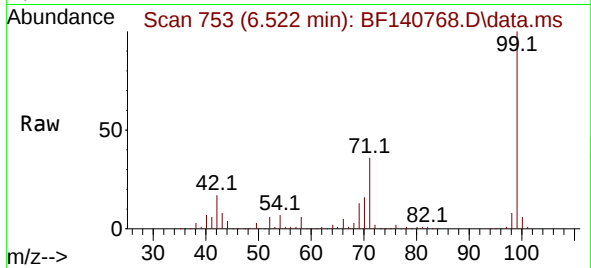
Tgt Ion: 99 Resp: 780643

Ion Ratio Lower Upper

99 100

42 17.5 15.4 23.0

71 36.0 30.6 46.0



#19

n-Nitroso-di-n-propylamine

Concen: 22.435 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.147 min

Lab File: BF140768.D

Acq: 06 Dec 2024 15:58

Tgt Ion: 70 Resp: 70431

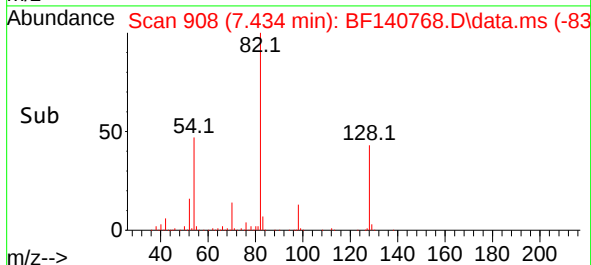
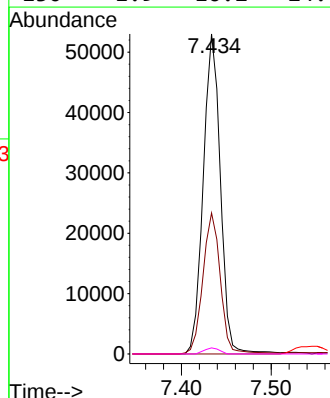
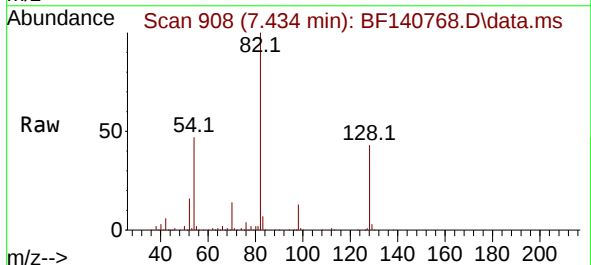
Ion Ratio Lower Upper

70 100

42 44.0 47.6 71.4#

101 0.0 7.6 11.4#

130 1.9 16.2 24.4#

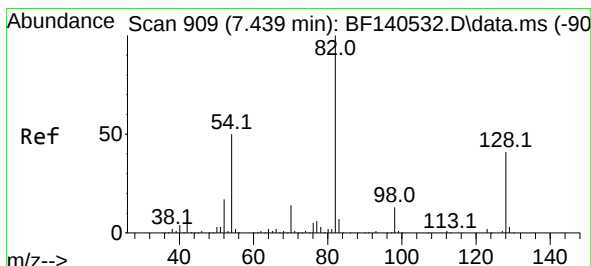
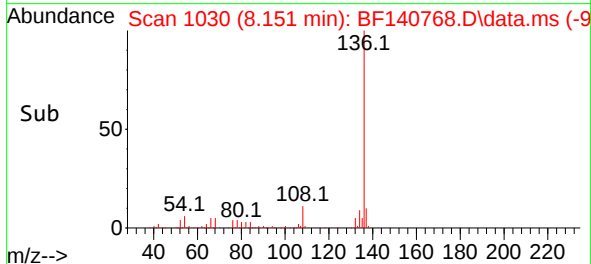
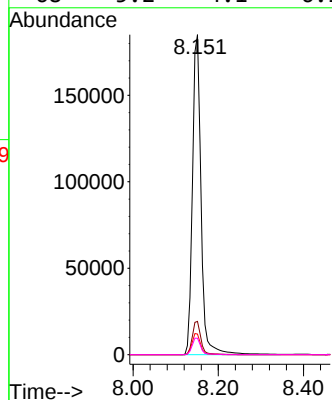
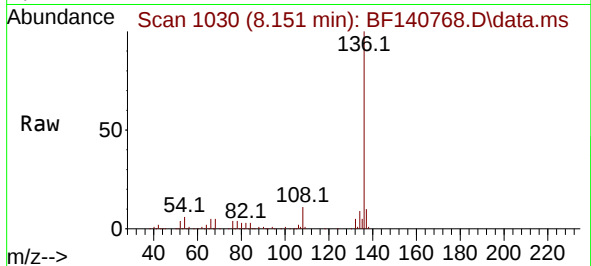




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140768.D
Acq: 06 Dec 2024 15:58

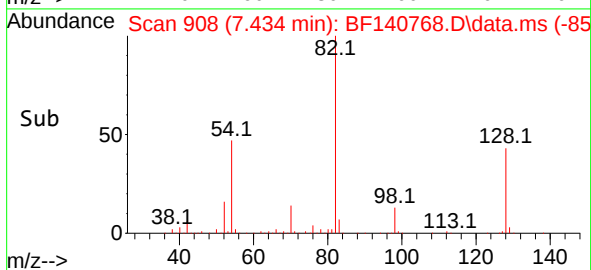
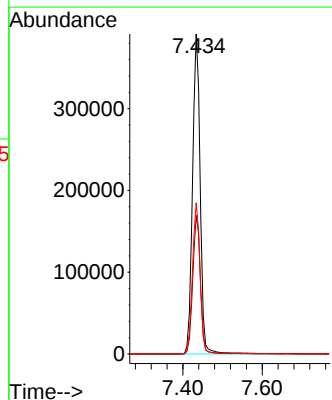
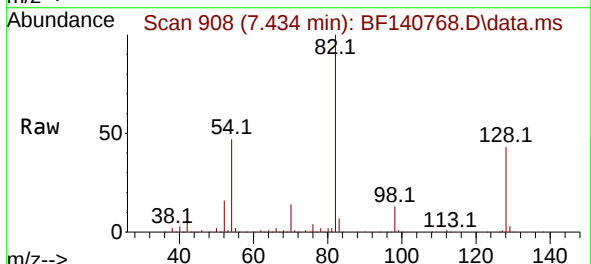
Instrument :
BNA_F
ClientSampleId :
MH-764

Tgt Ion:136	Resp: 259669
Ion Ratio	Lower Upper
136 100	
137 10.4	8.6 13.0
54 6.4	5.8 8.8
68 5.2	4.1 6.1



#23
Nitrobenzene-d5
Concen: 103.935 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140768.D
Acq: 06 Dec 2024 15:58

Tgt Ion: 82	Resp: 527634
Ion Ratio	Lower Upper
82 100	
128 43.3	33.0 49.4
54 47.2	39.5 59.3

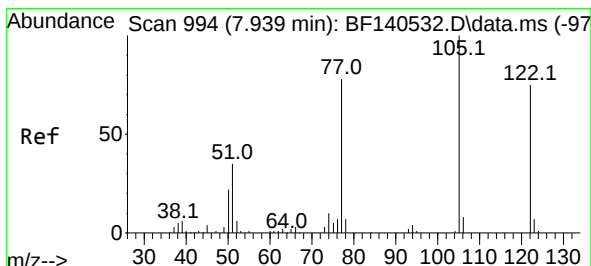
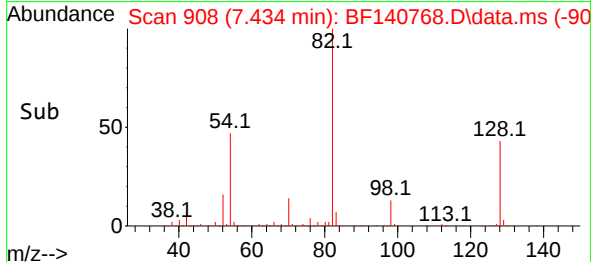
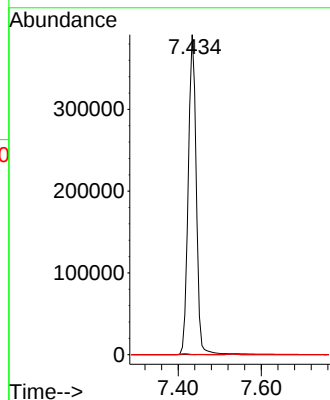
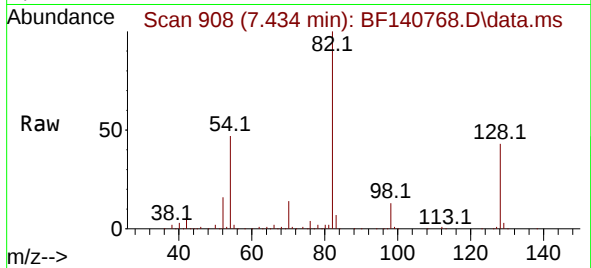




#25
Isophorone
Concen: 61.664 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140768.D
Acq: 06 Dec 2024 15:58

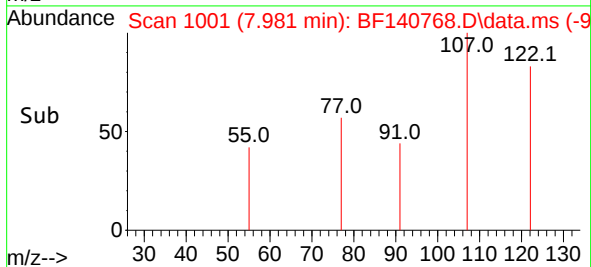
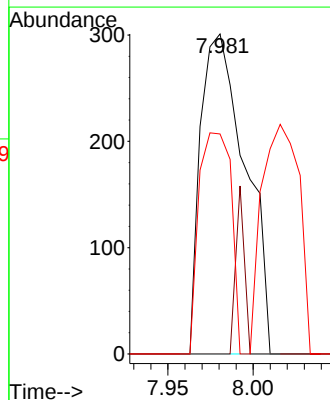
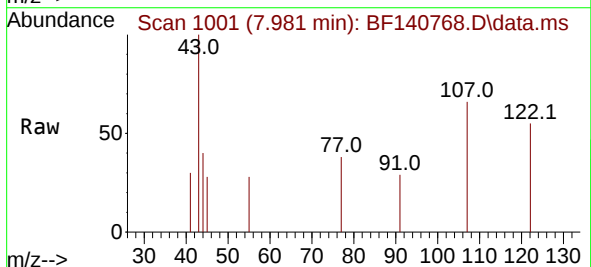
Instrument :
BNA_F
ClientSampleId :
MH-764

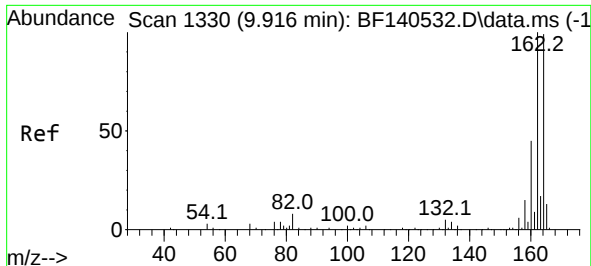
Tgt Ion: 82 Resp: 522128
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.1 13.8 20.6#



#32
Benzoic acid
Concen: 7.385 ng
RT: 7.981 min Scan# 1001
Delta R.T. 0.042 min
Lab File: BF140768.D
Acq: 06 Dec 2024 15:58

Tgt Ion: 122 Resp: 550
Ion Ratio Lower Upper
122 100
105 0.0 109.3 149.3#
77 68.8 82.3 122.3#

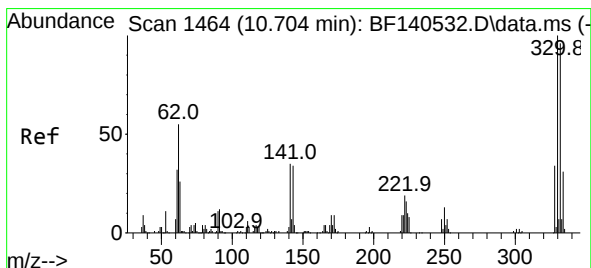
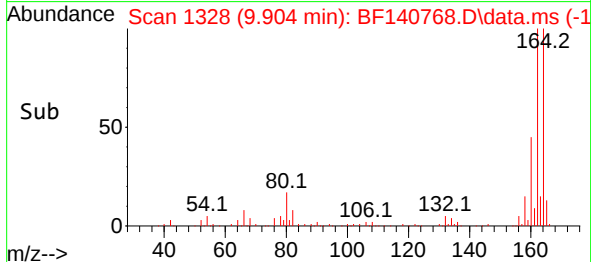
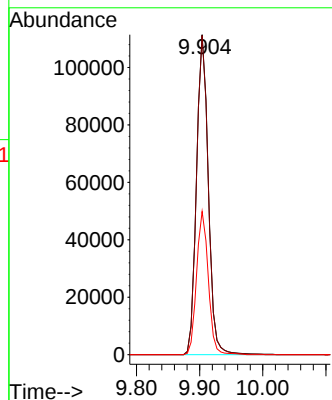
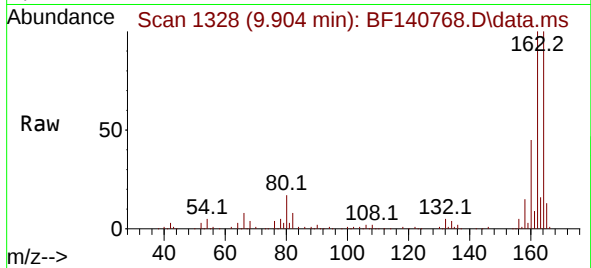




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140768.D
Acq: 06 Dec 2024 15:58

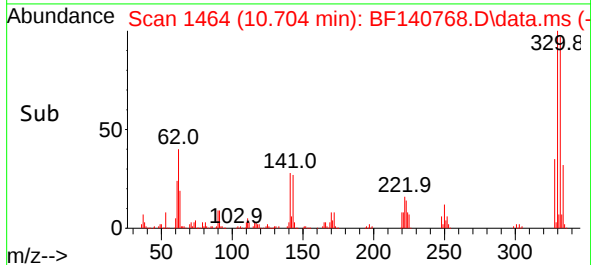
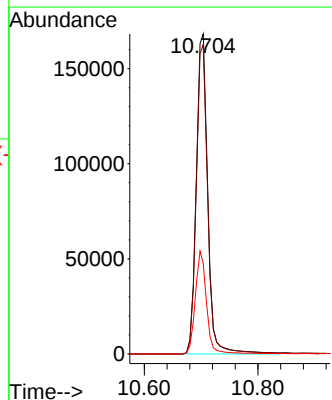
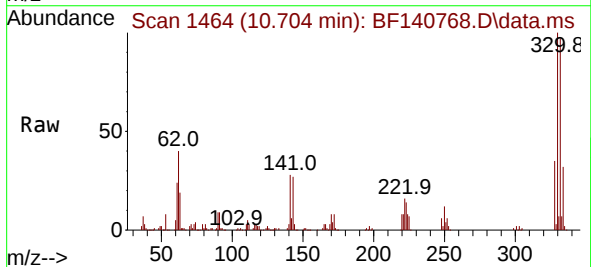
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BNA_F
ClientSampleId :
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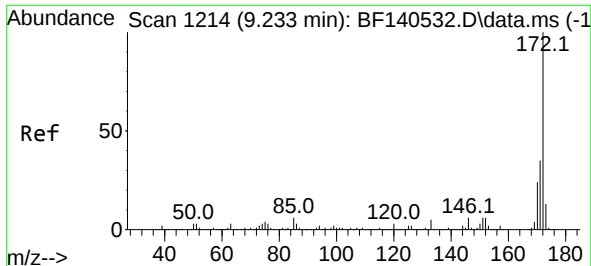
Tgt Ion:164 Resp: 145006
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 44.8 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 153.386 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140768.D
Acq: 06 Dec 2024 15:58

Tgt Ion:330 Resp: 237878
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 31.7 26.7 40.1

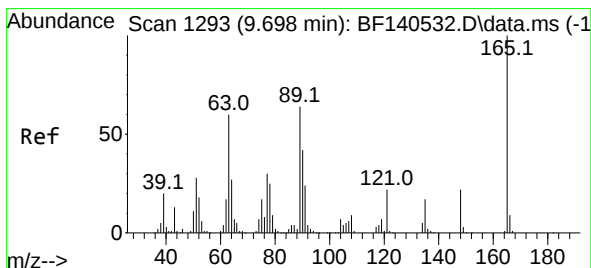
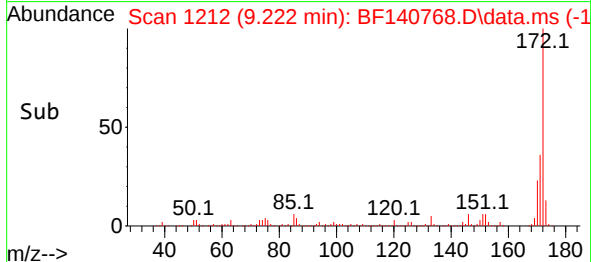
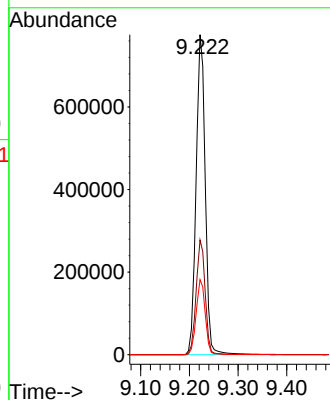
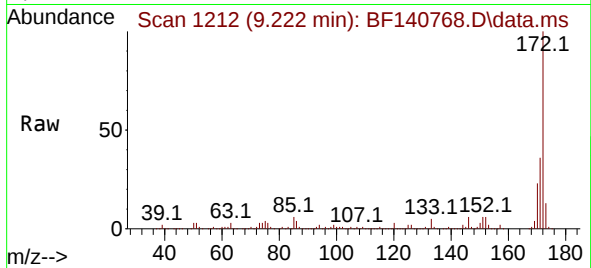




#45
2-Fluorobiphenyl
Concen: 105.010 ng
RT: 9.222 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF140768.D
Acq: 06 Dec 2024 15:58

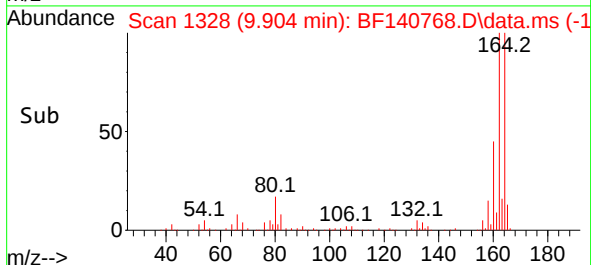
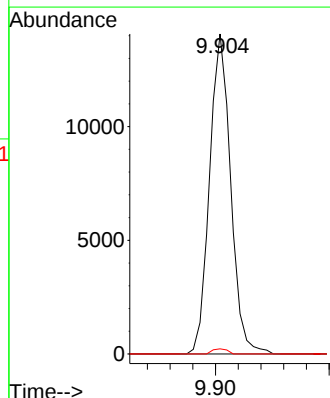
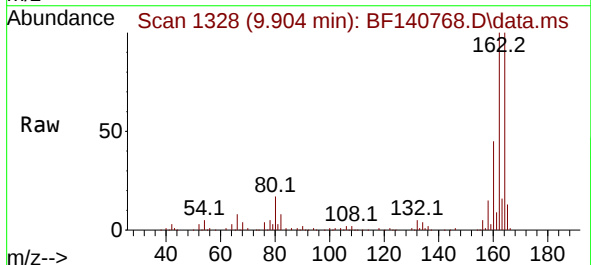
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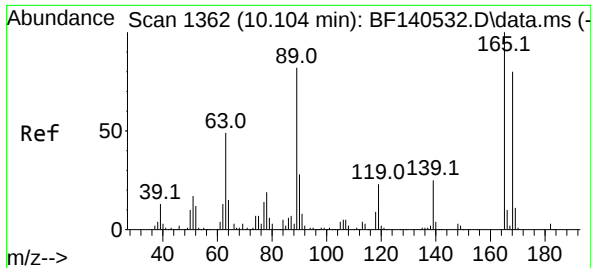
Tgt Ion:172 Resp: 1021992
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.5 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.389 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140768.D
Acq: 06 Dec 2024 15:58

Tgt Ion:165 Resp: 18169
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 1.6 50.9 76.3#

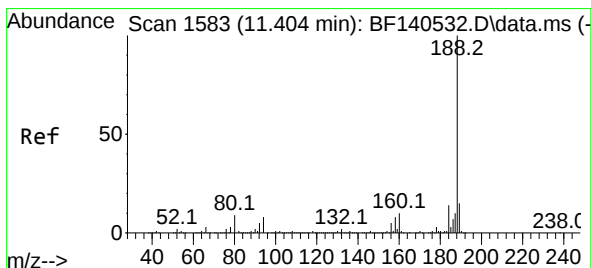
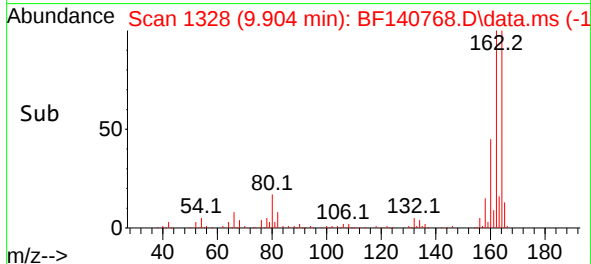
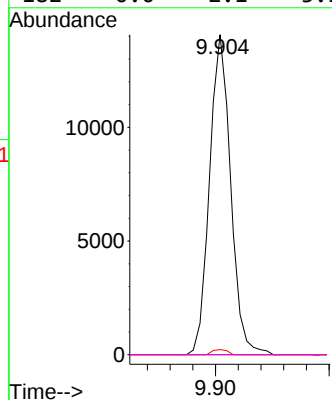
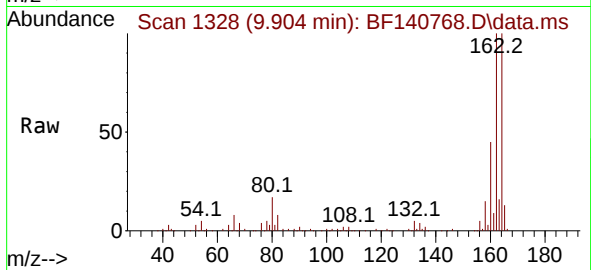




#57
2,4-Dinitrotoluene
Concen: 6.312 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140768.D
Acq: 06 Dec 2024 15:58

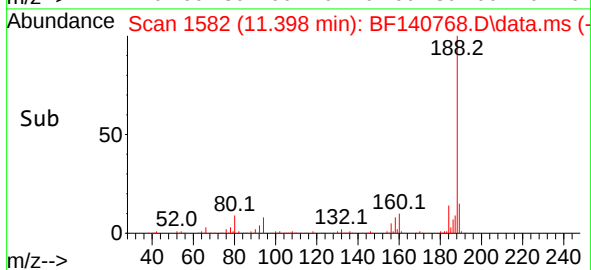
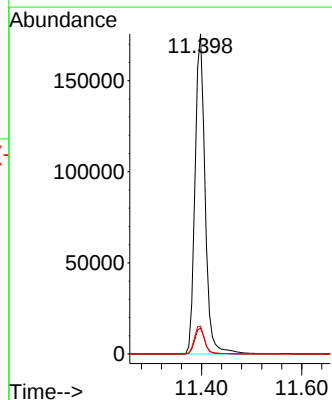
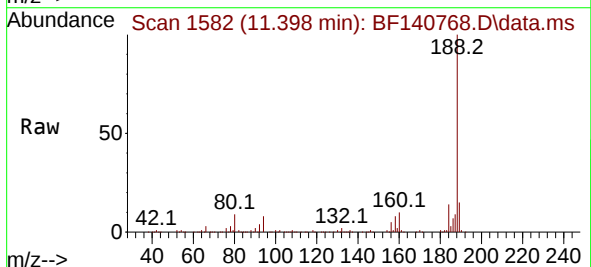
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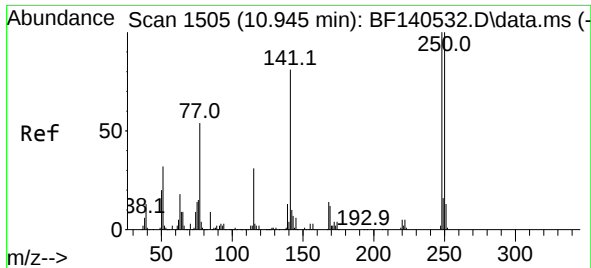
Tgt Ion:165 Resp: 18169
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 1.6 65.8 98.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140768.D
Acq: 06 Dec 2024 15:58

Tgt Ion:188 Resp: 244799
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.7 6.9 10.3





#67

4-Bromophenyl-phenylether

Concen: 6.000 ng

RT: 10.698 min Scan# 14

Delta R.T. -0.247 min

Lab File: BF140768.D

Acq: 06 Dec 2024 15:58

Instrument :

BNA_F

ClientSampleId :

MH-764

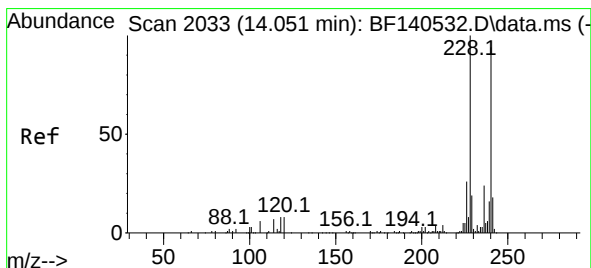
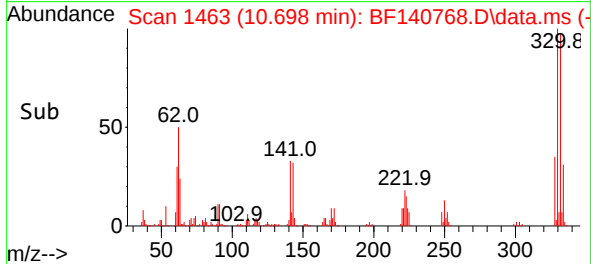
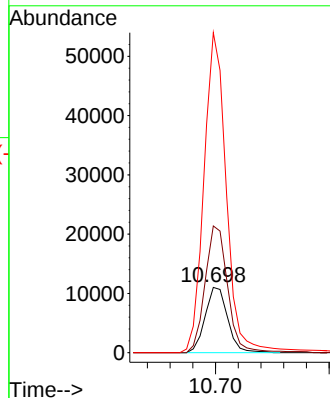
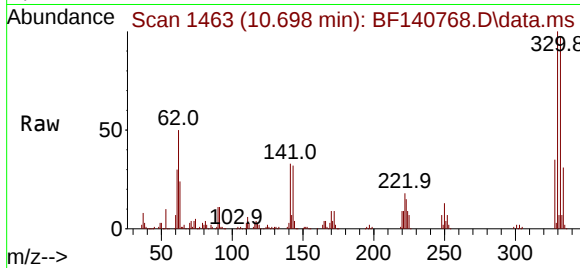
Tgt Ion:248 Resp: 15126

Ion Ratio Lower Upper

248 100

250 193.8 79.8 119.8#

141 489.7 64.7 97.1#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140768.D

Acq: 06 Dec 2024 15:58

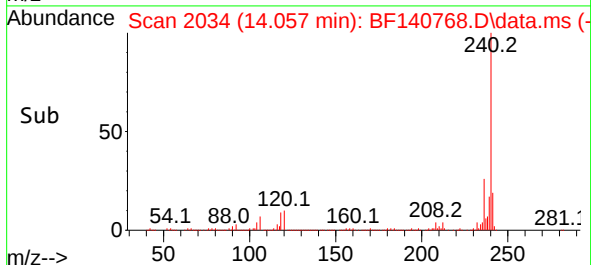
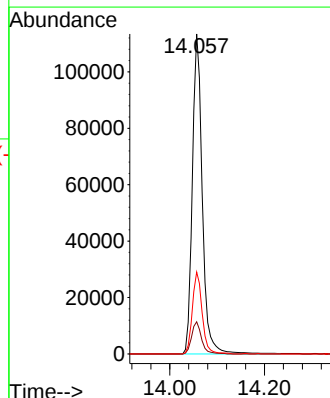
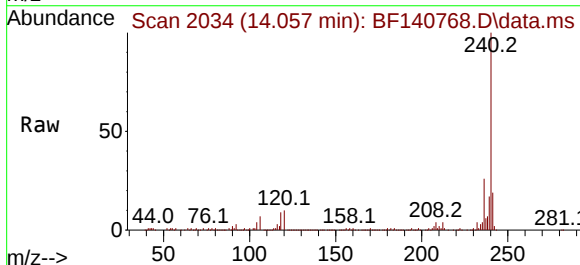
Tgt Ion:240 Resp: 165924

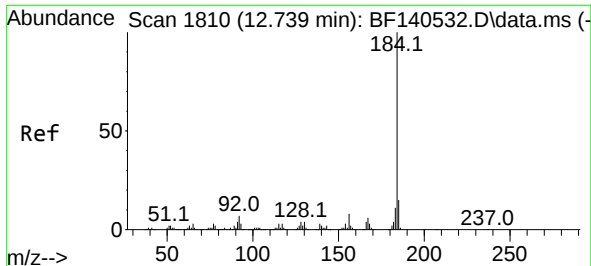
Ion Ratio Lower Upper

240 100

120 10.0 7.3 10.9

236 25.6 20.6 31.0

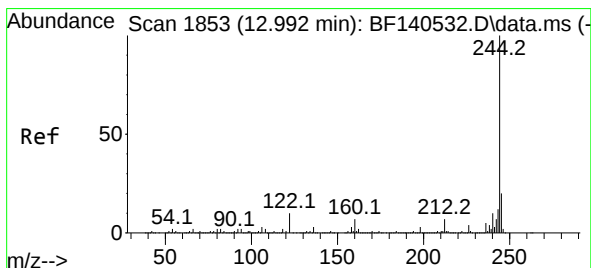
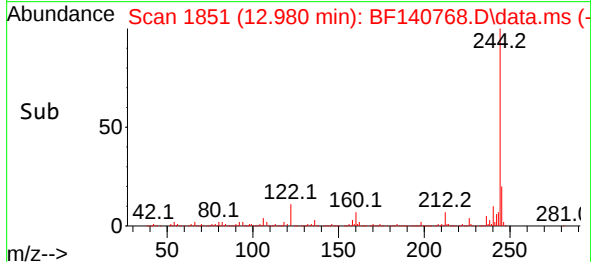
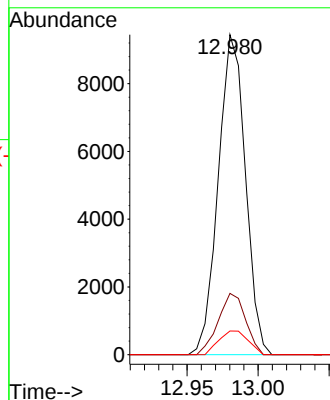
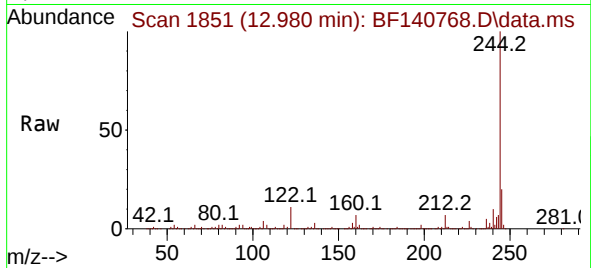




#77
Benzidine
Concen: 2.597 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF140768.D
Acq: 06 Dec 2024 15:58

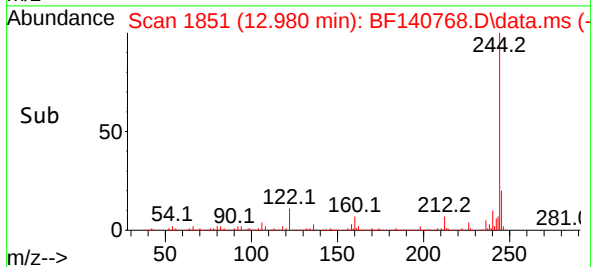
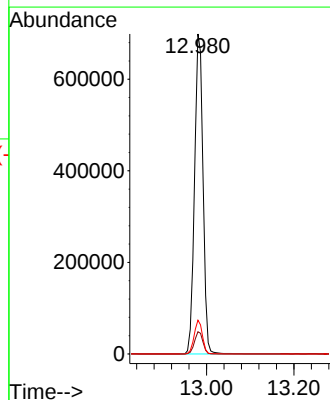
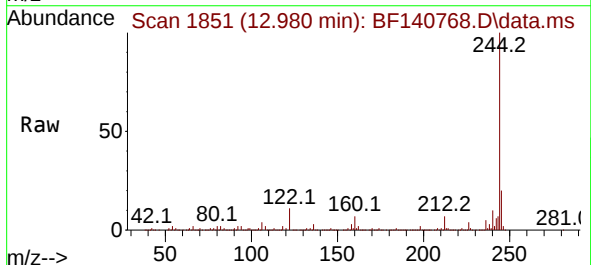
Instrument :
BNA_F
ClientSampleId :
MH-764

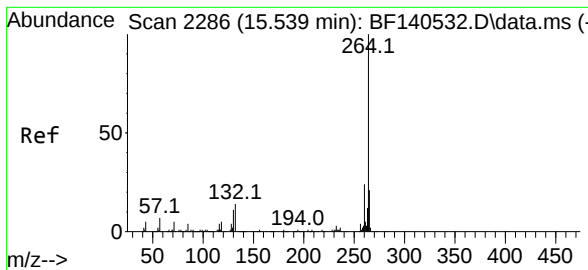
Tgt Ion:184 Resp: 12530
Ion Ratio Lower Upper
184 100
185 19.2 11.7 17.5#
183 7.4 8.8 13.2#



#79
Terphenyl-d14
Concen: 88.203 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140768.D
Acq: 06 Dec 2024 15:58

Tgt Ion:244 Resp: 939873
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 10.6 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 21
 Delta R.T. 0.035 min
 Lab File: BF140768.D
 Acq: 06 Dec 2024 15:58

Instrument :
 BNA_F
 ClientSampleId :
 MH-764

Tgt Ion:264 Resp: 190322

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.1	16.6	25.0

