

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140688.D
 Acq On : 02 Dec 2024 15:03
 Operator : RC/JU
 Sample : P5021-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Dec 02 15:41:50 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

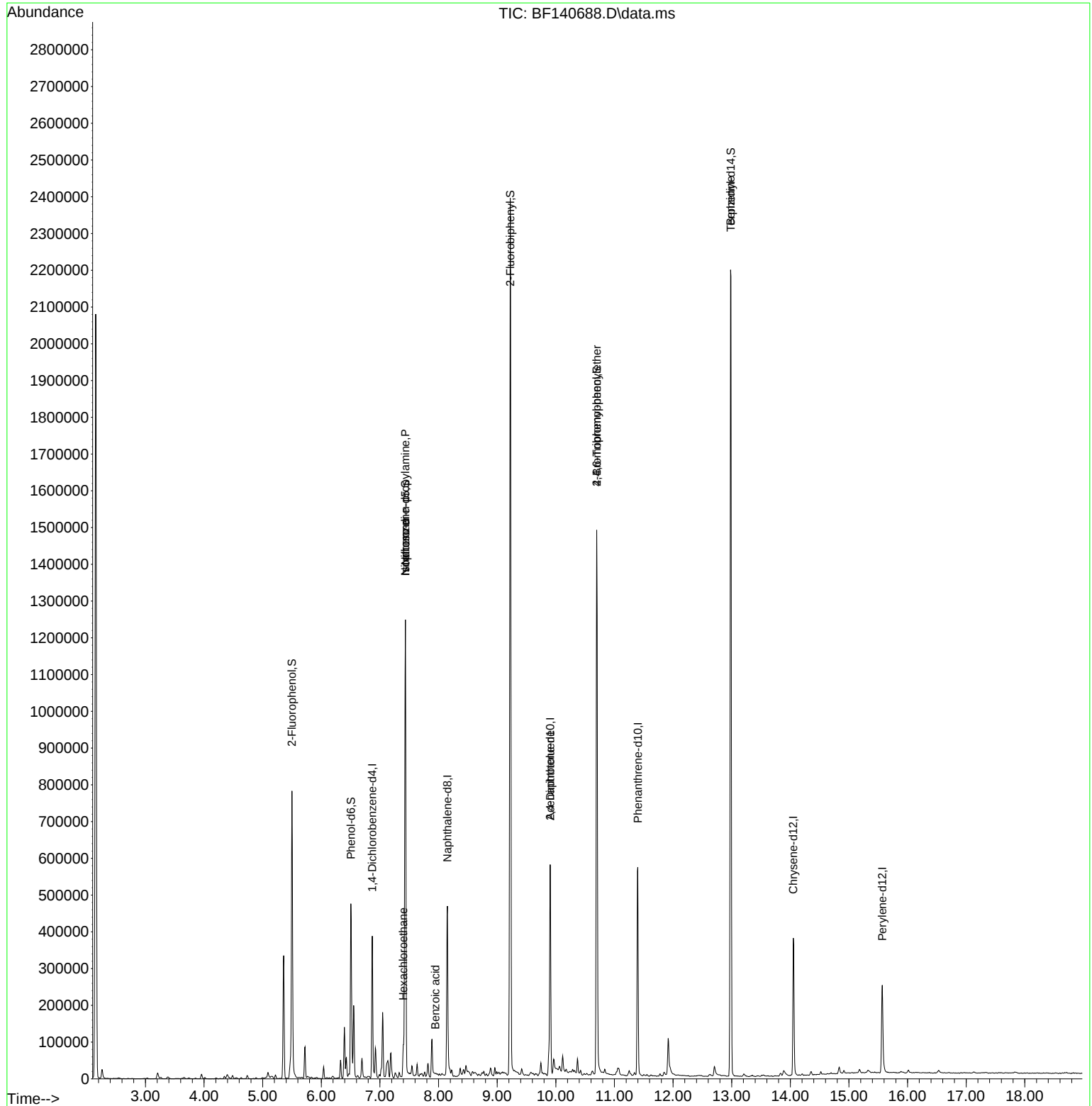
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	82130	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	307028	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	174760	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	319066	20.000	ng	0.00
76) Chrysene-d12	14.051	240	197195	20.000	ng	0.00
86) Perylene-d12	15.568	264	158239	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	304229	63.202	ng	0.00
7) Phenol-d6	6.504	99	242916	38.172	ng	-0.01
23) Nitrobenzene-d5	7.434	82	576667	96.072	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	264102	141.301	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1102934	94.032	ng	-0.01
79) Terphenyl-d14	12.986	244	1150164	90.822	ng	0.00
Target Compounds						
18) Hexachloroethane	7.398	117	7756	3.525	ng	# 1
19) n-Nitroso-di-n-propyla...	7.434	70	77622	20.639	ng	# 77
25) Isophorone	7.434	82	565934	56.528	ng	# 66
32) Benzoic acid	7.945	122	3077	8.106	ng	# 74
57) 2,4-Dinitrotoluene	9.904	165	22068	6.361	ng	# 19
67) 4-Bromophenyl-phenylether	10.698	248	16829	5.122	ng	# 1
77) Benzidine	12.980	184	15386	2.684	ng	# 91

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

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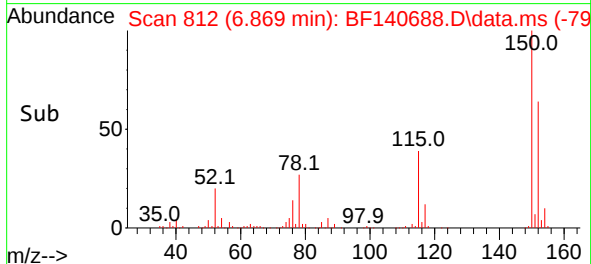
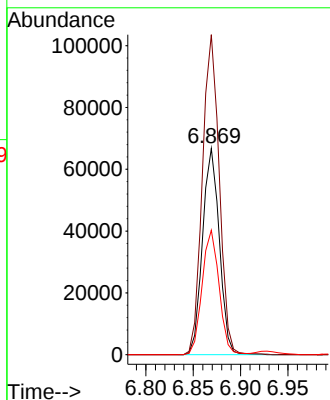
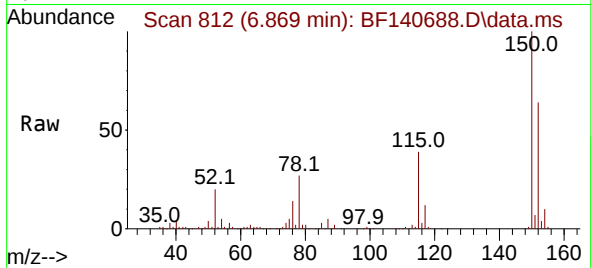




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

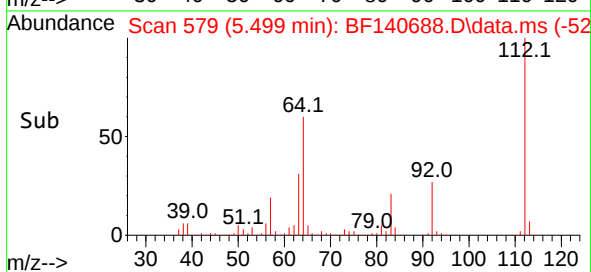
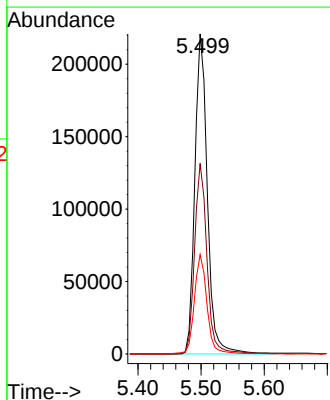
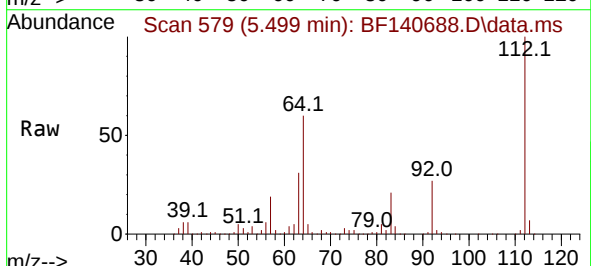
Instrument :
BNA_F
ClientSampleId :
MW-13

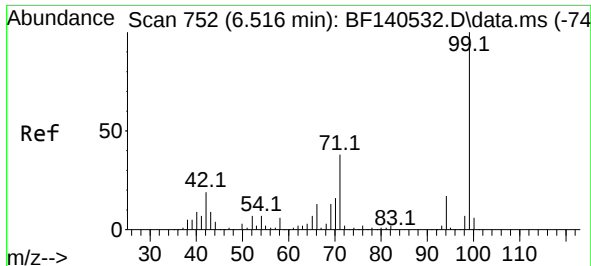
Tgt Ion:152 Resp: 82130
Ion Ratio Lower Upper
152 100
150 155.1 128.5 192.7
115 60.4 50.2 75.4



#5
2-Fluorophenol
Concen: 63.202 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

Tgt Ion:112 Resp: 304229
Ion Ratio Lower Upper
112 100
64 59.5 49.2 73.8
63 31.0 27.0 40.4

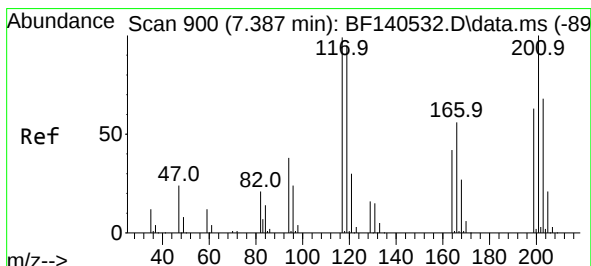
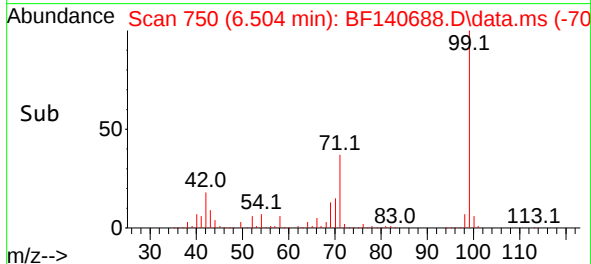
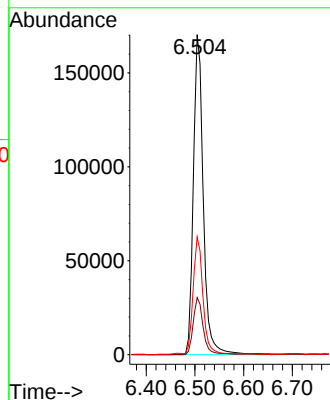
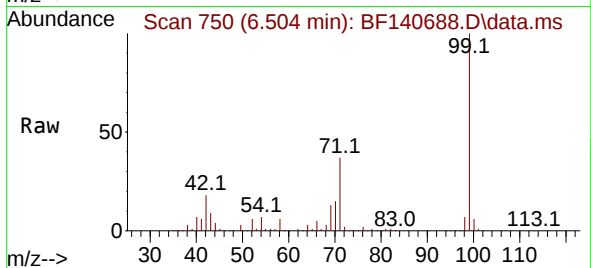




#7
Phenol-d6
Concen: 38.172 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

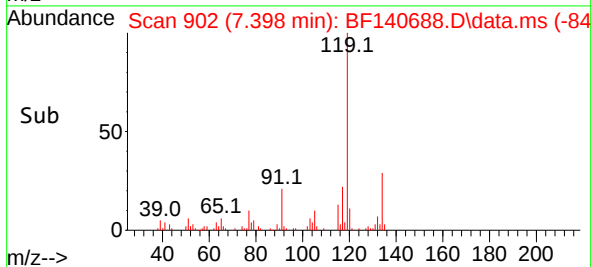
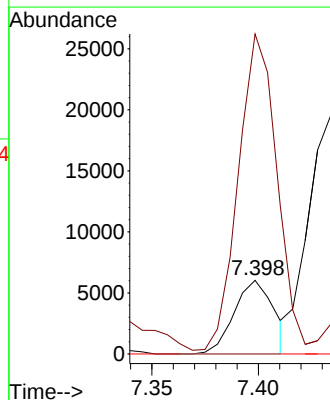
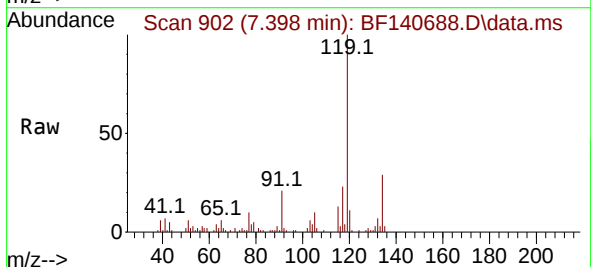
Instrument :
BNA_F
ClientSampleId :
MW-13

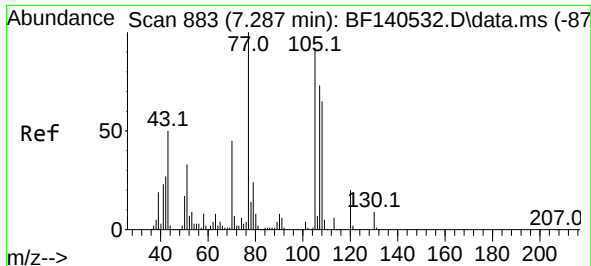
Tgt Ion: 99 Resp: 242916
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.8 30.6 46.0



#18
Hexachloroethane
Concen: 3.525 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.012 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

Tgt Ion: 117 Resp: 7756
Ion Ratio Lower Upper
117 100
119 434.3 77.1 115.7#
201 0.0 81.1 121.7#

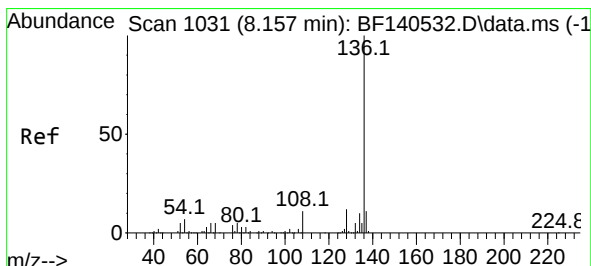
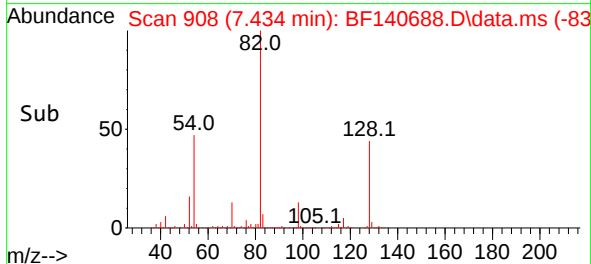
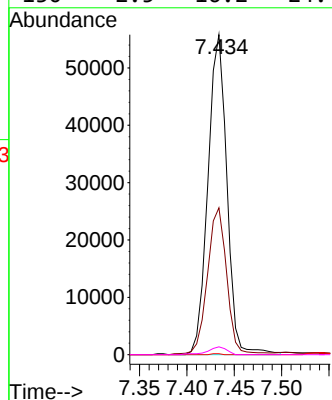
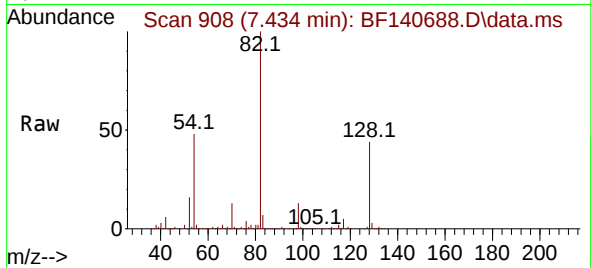




#19
n-Nitroso-di-n-propylamine
Concen: 20.639 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

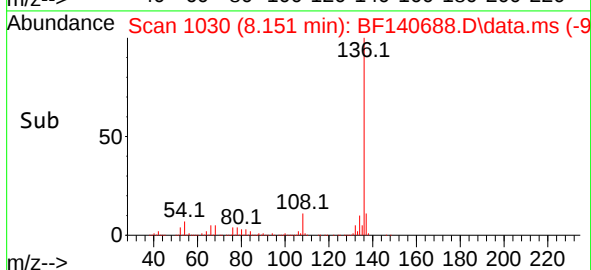
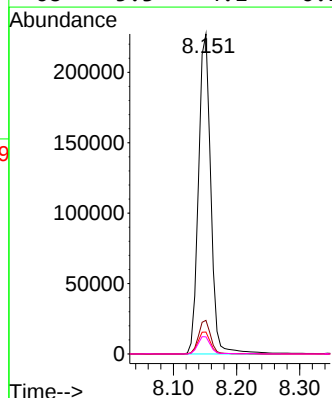
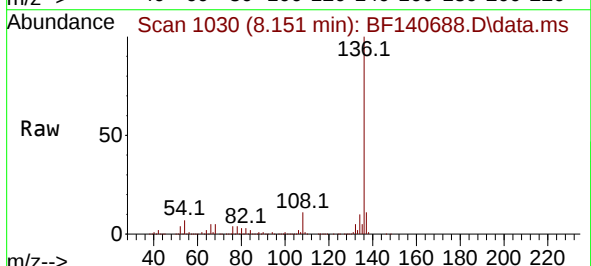
Instrument :
BNA_F
ClientSampleId :
MW-13

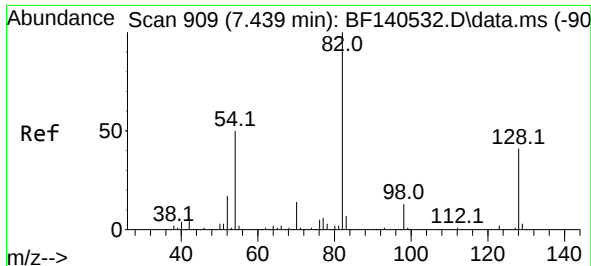
Tgt Ion: 70 Resp: 77622
Ion Ratio Lower Upper
70 100
42 45.9 47.6 71.4#
101 0.3 7.6 11.4#
130 2.5 16.2 24.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

Tgt Ion: 136 Resp: 307028
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 6.9 5.8 8.8
68 5.3 4.1 6.1

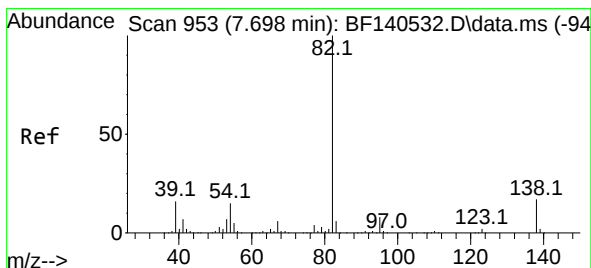
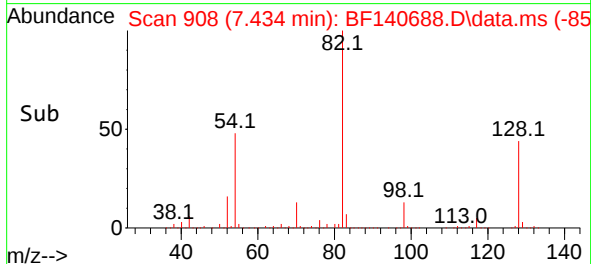
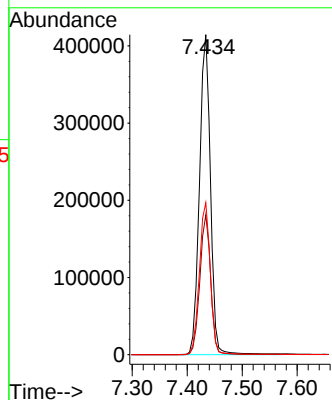
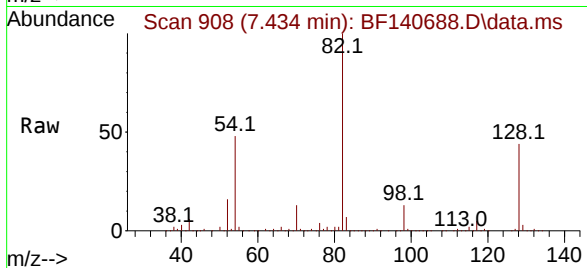




#23
Nitrobenzene-d5
Concen: 96.072 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

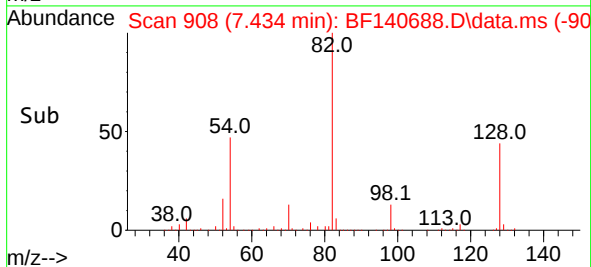
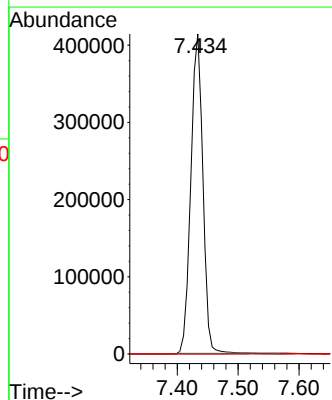
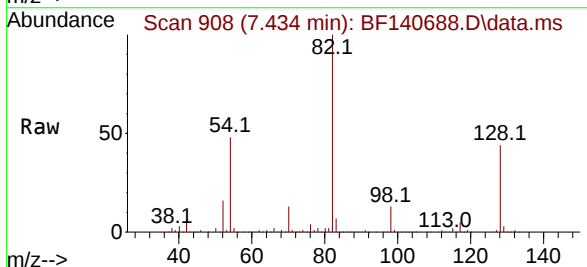
Instrument :
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ClientSampleId :
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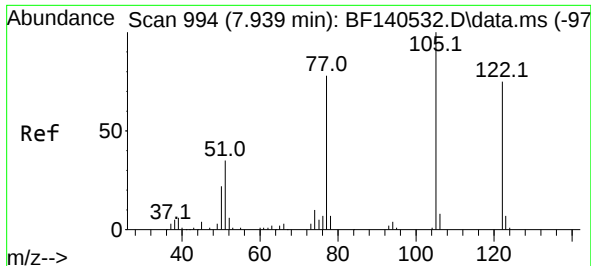
Tgt Ion: 82 Resp: 576667
Ion Ratio Lower Upper
82 100
128 43.7 33.0 49.4
54 47.5 39.5 59.3



#25
Isophorone
Concen: 56.528 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

Tgt Ion: 82 Resp: 565934
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#

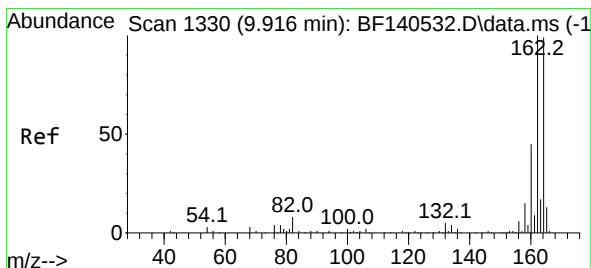
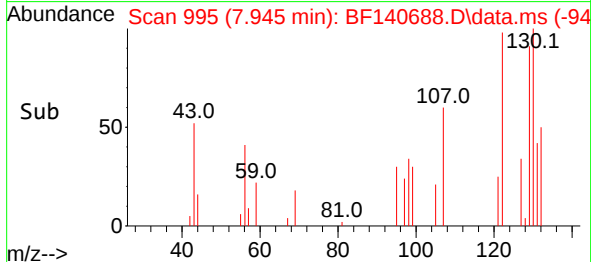
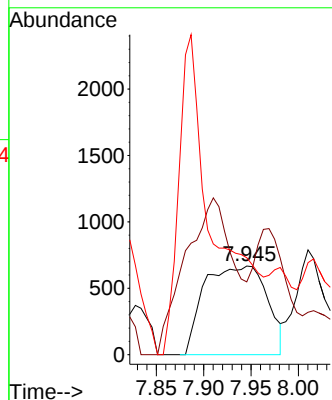
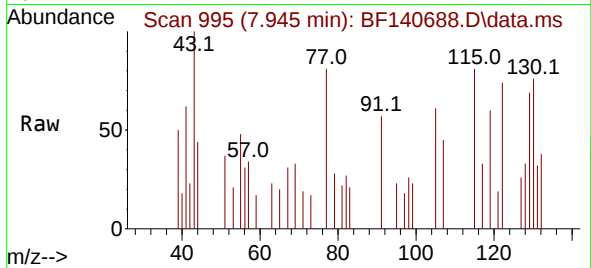




#32
Benzoic acid
Concen: 8.106 ng
RT: 7.945 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

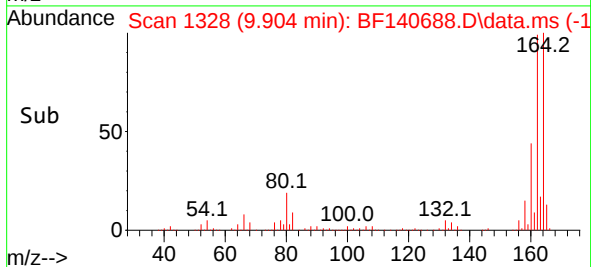
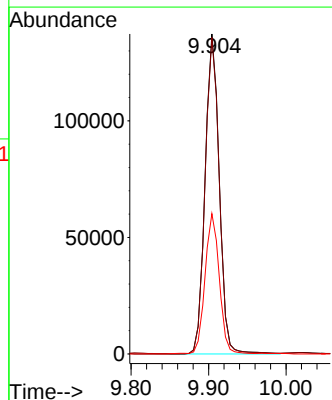
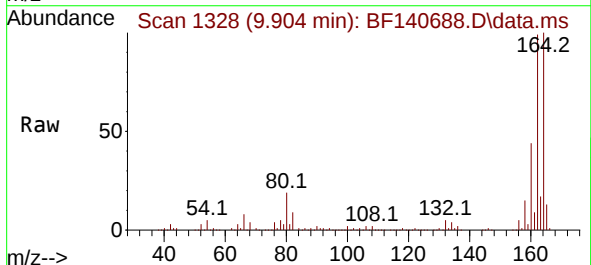
Instrument :
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Client SampleId :
MW-13

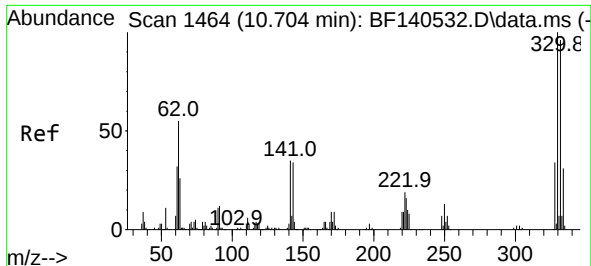
Tgt Ion:122 Resp: 3077
Ion Ratio Lower Upper
122 100
105 82.0 109.3 149.3#
77 109.3 82.3 122.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

Tgt Ion:164 Resp: 174760
Ion Ratio Lower Upper
164 100
162 98.9 80.6 120.8
160 43.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 141.301 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140688.D

Acq: 02 Dec 2024 15:03

Instrument :

BNA_F

ClientSampleId :

MW-13

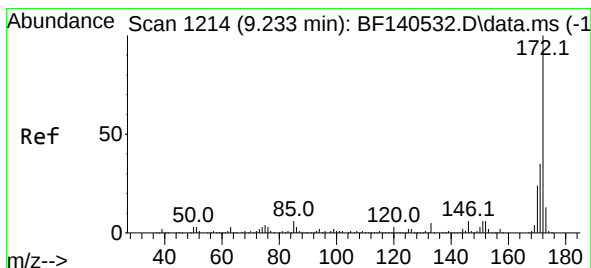
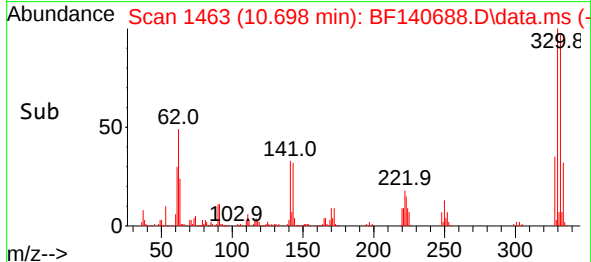
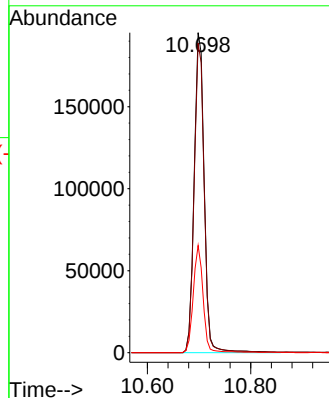
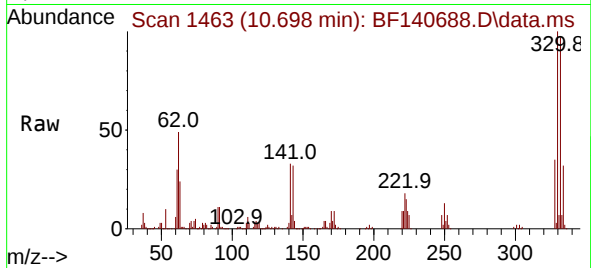
Tgt Ion:330 Resp: 264102

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

141 32.9 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 94.032 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140688.D

Acq: 02 Dec 2024 15:03

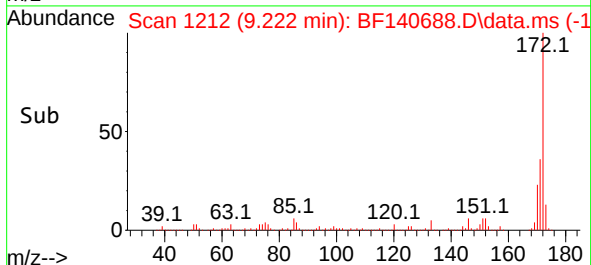
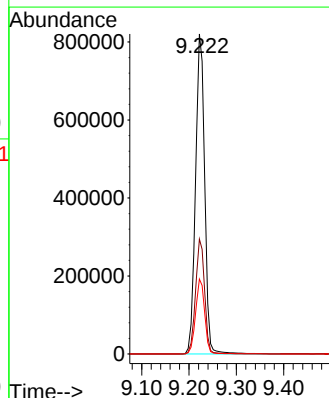
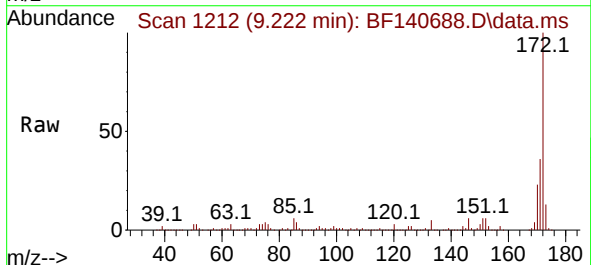
Tgt Ion:172 Resp: 1102934

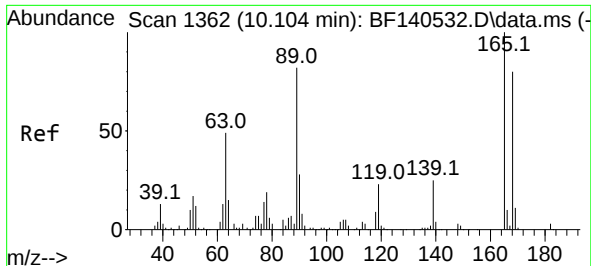
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.4 19.0 28.6

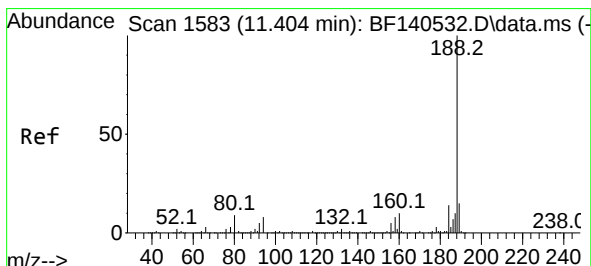
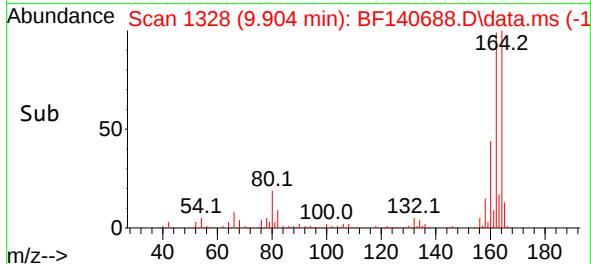
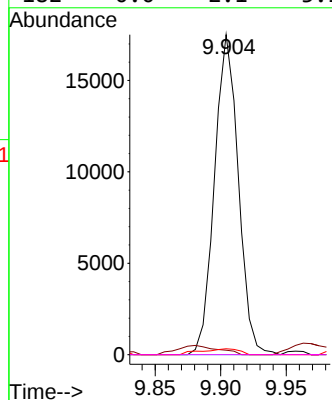
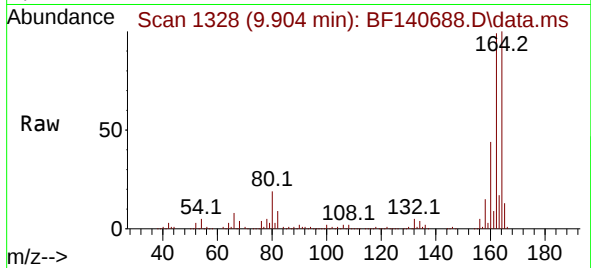




#57
2,4-Dinitrotoluene
Concen: 6.361 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

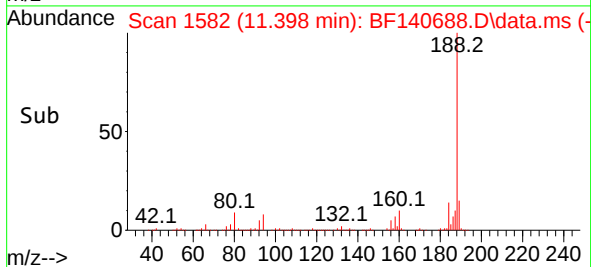
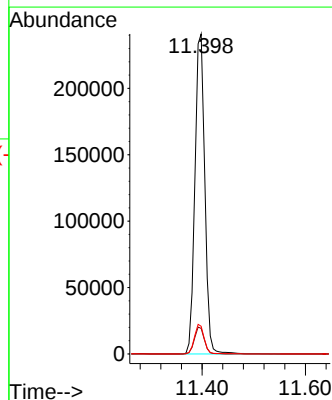
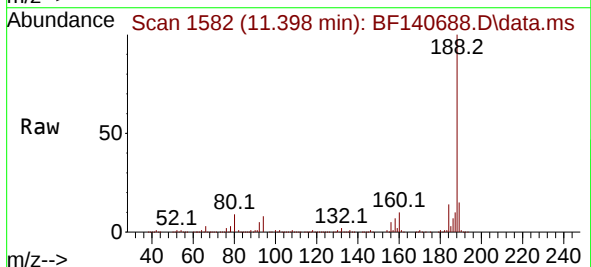
Instrument :
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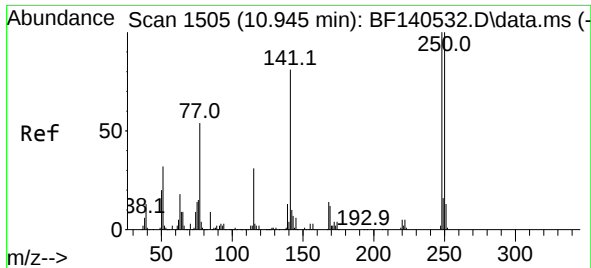
Tgt Ion:165 Resp: 22068
Ion Ratio Lower Upper
165 100
63 1.4 41.7 62.5#
89 1.9 65.8 98.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

Tgt Ion:188 Resp: 319066
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.6 6.9 10.3

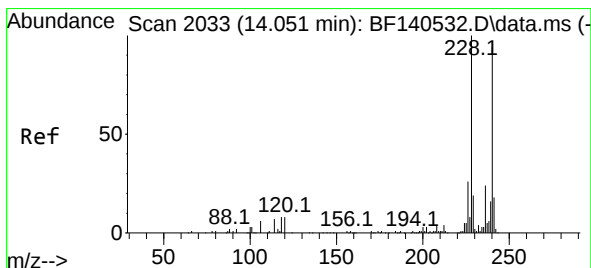
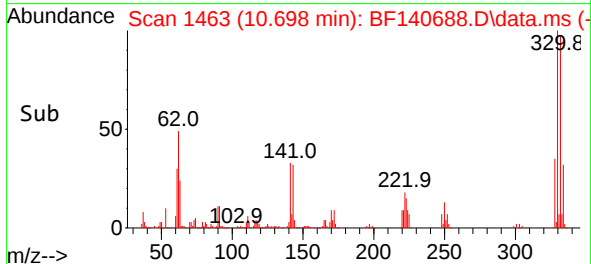
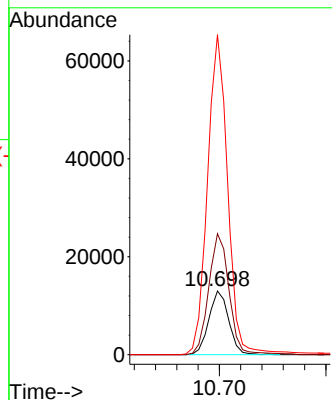
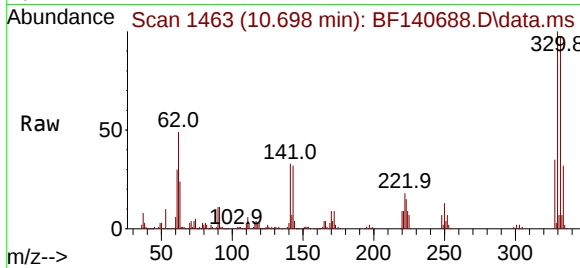




#67
4-Bromophenyl-phenylether
Concen: 5.122 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

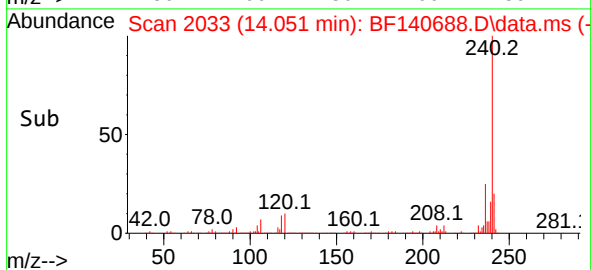
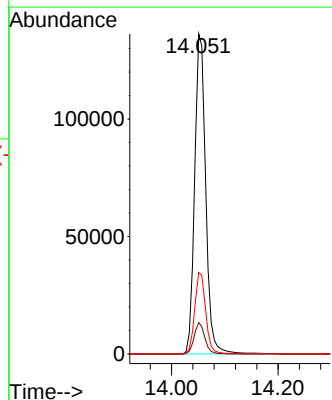
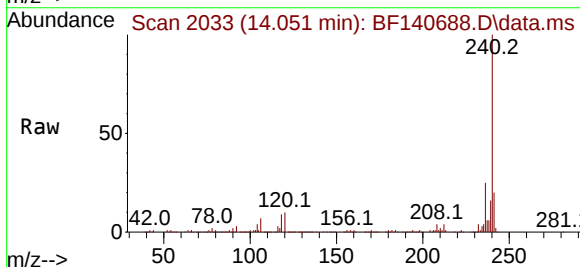
Instrument :
BNA_F
ClientSampleId :
MW-13

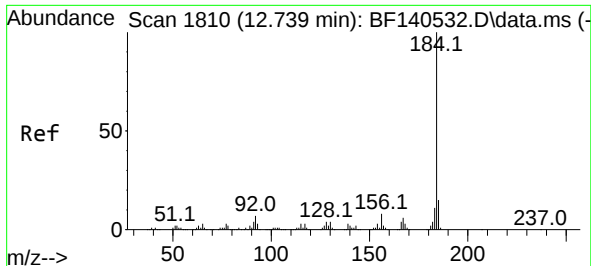
Tgt Ion:248 Resp: 16829
Ion Ratio Lower Upper
248 100
250 189.9 79.8 119.8#
141 502.2 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

Tgt Ion:240 Resp: 197195
Ion Ratio Lower Upper
240 100
120 9.8 7.3 10.9
236 25.5 20.6 31.0

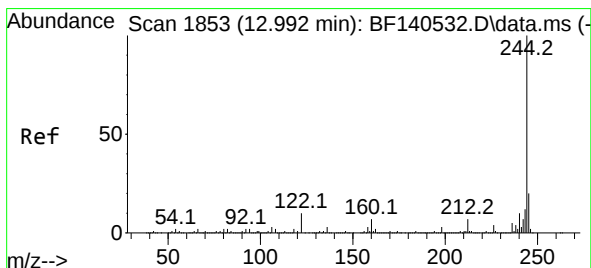
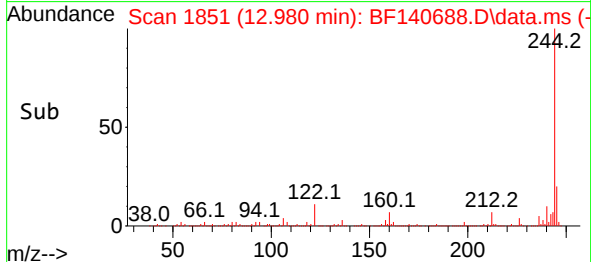
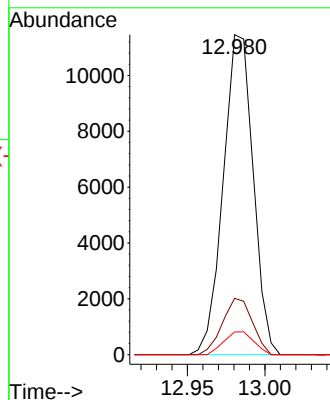
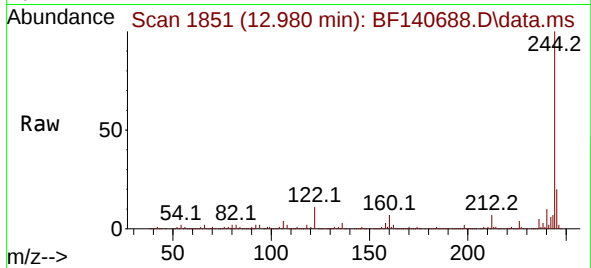




#77
Benzidine
Concen: 2.684 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

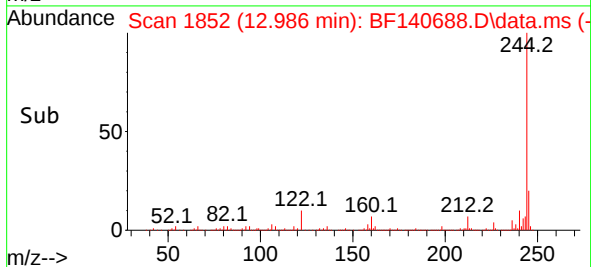
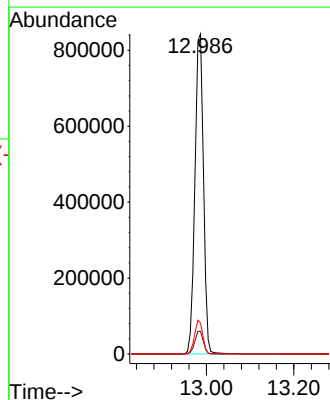
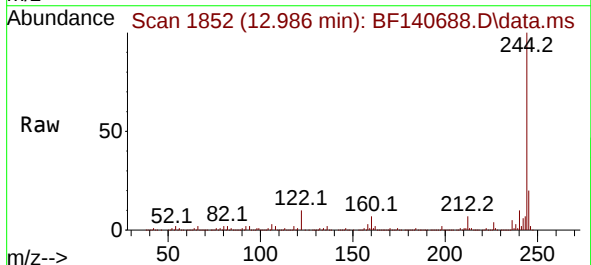
Instrument :
BNA_F
ClientSampleId :
MW-13

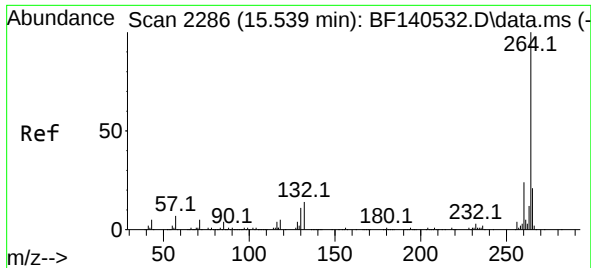
Tgt Ion:184 Resp: 15386
Ion Ratio Lower Upper
184 100
185 17.6 11.7 17.5#
183 7.1 8.8 13.2#



#79
Terphenyl-d14
Concen: 90.822 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

Tgt Ion:244 Resp: 1150164
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.7 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 21
 Delta R.T. 0.030 min
 Lab File: BF140688.D
 Acq: 02 Dec 2024 15:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tgt Ion:264 Resp: 158239
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 21.3 16.6 25.0

