

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135662.D
 Acq On : 09 Oct 2023 21:11
 Operator : CG\JU
 Sample : 04656-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-106D

Quant Time: Oct 10 02:28:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

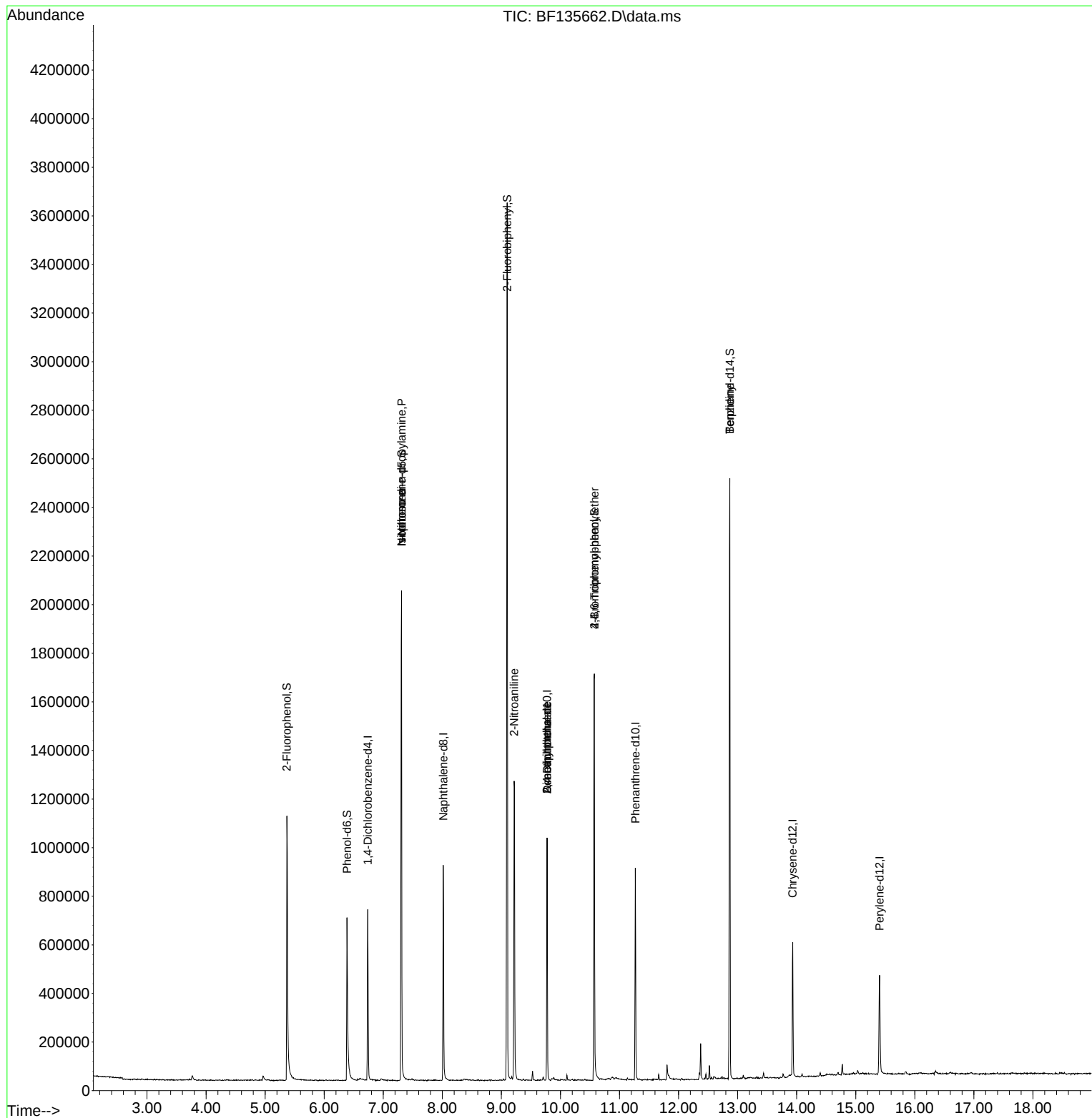
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	103156	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	386960	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	182392	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	306240	20.000	ng	0.00
76) Chrysene-d12	13.933	240	189338	20.000	ng	0.00
86) Perylene-d12	15.404	264	202686	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	353729	55.772	ng	0.00
7) Phenol-d6	6.387	99	259363	32.160	ng	0.00
23) Nitrobenzene-d5	7.310	82	639991	89.855	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	222501	122.757	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1109330	91.762	ng	0.00
79) Terphenyl-d14	12.869	244	897241	73.461	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	86114	17.239	ng	# 79
25) Isophorone	7.310	82	639985	48.933	ng	# 65
48) 2-Nitroaniline	9.216	65	13347	3.378	ng	# 15
50) Dimethylphthalate	9.775	163	35200	2.854	ng	# 1
57) 2,4-Dinitrotoluene	9.775	165	23211	6.863	ng	# 18
67) 4-Bromophenyl-phenylether	10.575	248	13864	4.552	ng	# 1
77) Benzidine	12.869	184	11362	2.929	ng	# 95

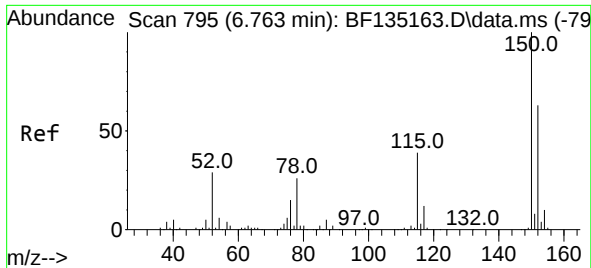
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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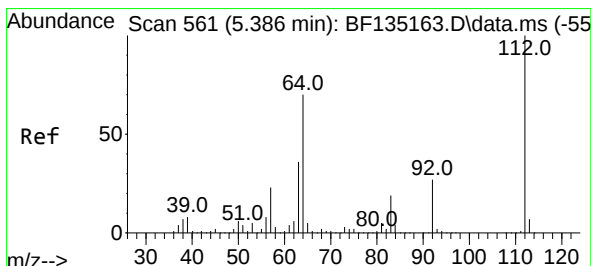
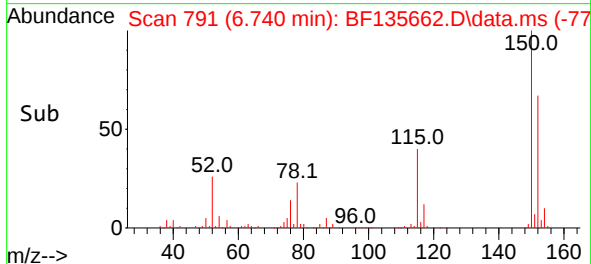
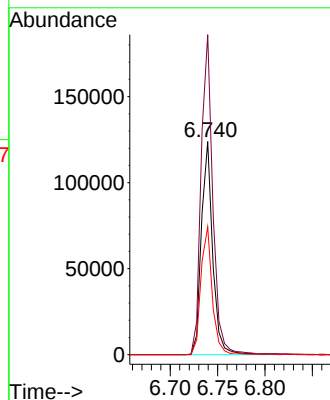
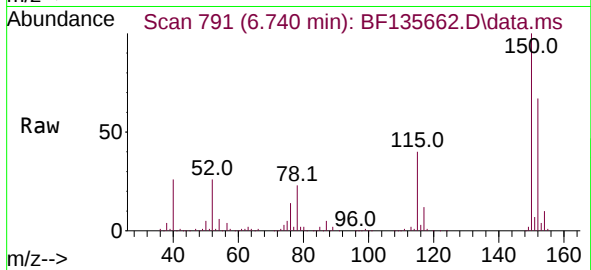




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 795
 Delta R.T. 0.001 min
 Lab File: BF135662.D
 Acq: 09 Oct 2023 21:11

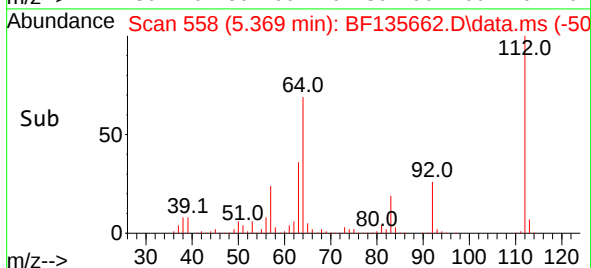
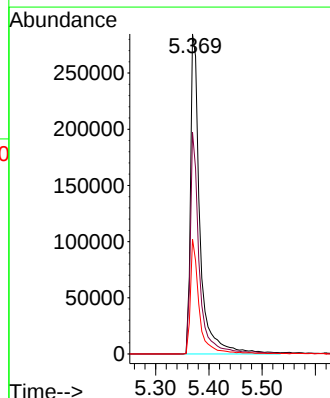
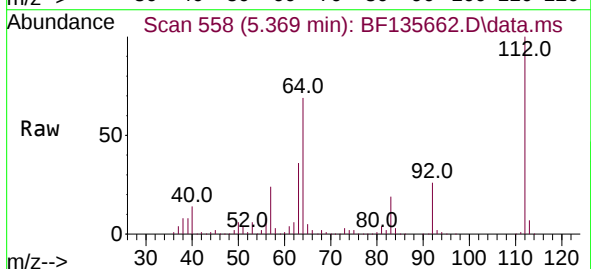
Instrument :
 BNA_F
 ClientSampleId :
 MW-106D

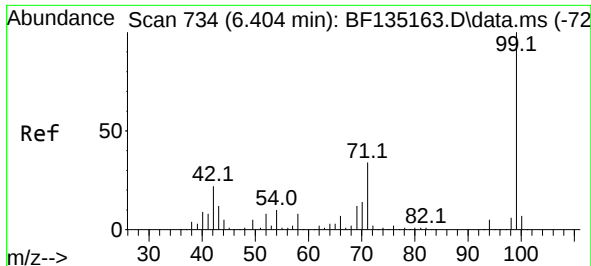
Tgt Ion:152 Resp: 103156
 Ion Ratio Lower Upper
 152 100
 150 150.2 127.8 191.6
 115 60.0 49.8 74.8



#5
 2-Fluorophenol
 Concen: 55.772 ng
 RT: 5.369 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: BF135662.D
 Acq: 09 Oct 2023 21:11

Tgt Ion:112 Resp: 353729
 Ion Ratio Lower Upper
 112 100
 64 69.3 55.9 83.9
 63 35.9 29.0 43.6

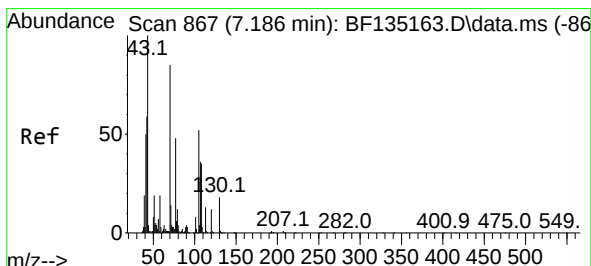
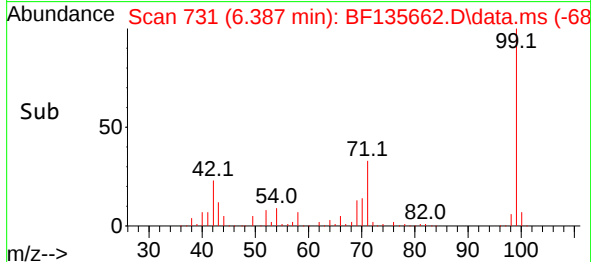
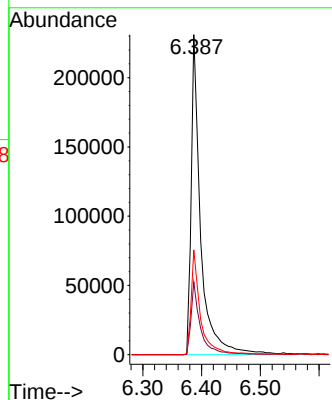
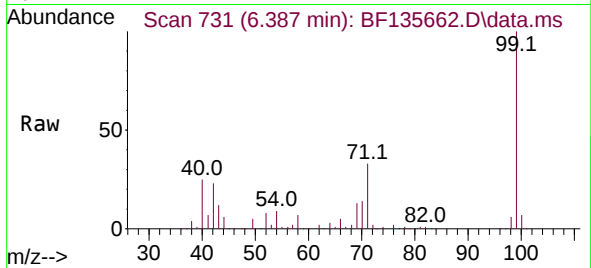




#7
Phenol-d6
Concen: 32.160 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135662.D
Acq: 09 Oct 2023 21:11

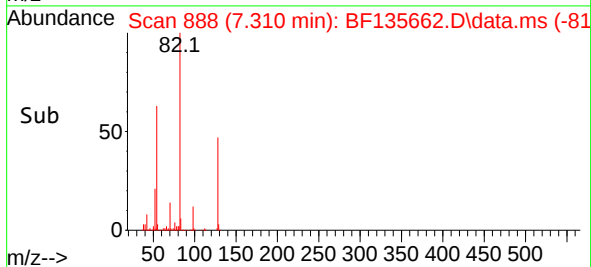
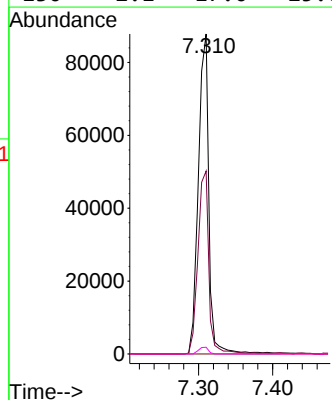
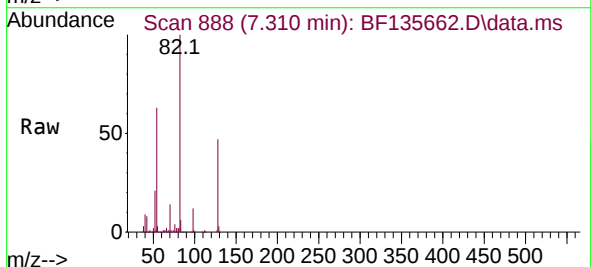
Instrument :
BNA_F
ClientSampleId :
MW-106D

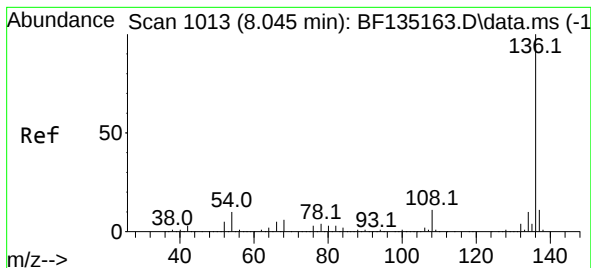
Tgt Ion: 99 Resp: 259363
Ion Ratio Lower Upper
99 100
42 22.7 17.9 26.9
71 32.8 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.239 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.153 min
Lab File: BF135662.D
Acq: 09 Oct 2023 21:11

Tgt Ion: 70 Resp: 86114
Ion Ratio Lower Upper
70 100
42 57.2 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF135662.D

Acq: 09 Oct 2023 21:11

Instrument :

BNA_F

ClientSampleId :

MW-106D

Tgt Ion:136 Resp: 386960

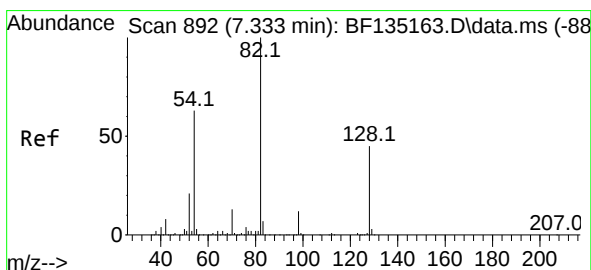
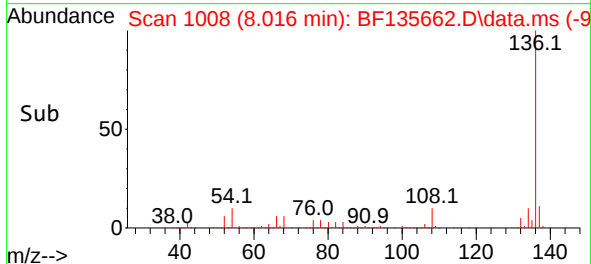
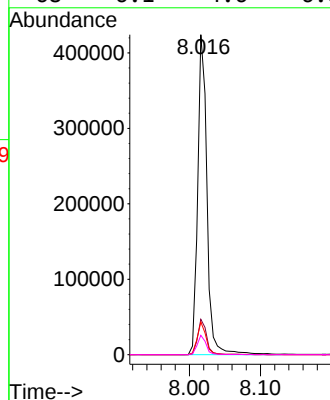
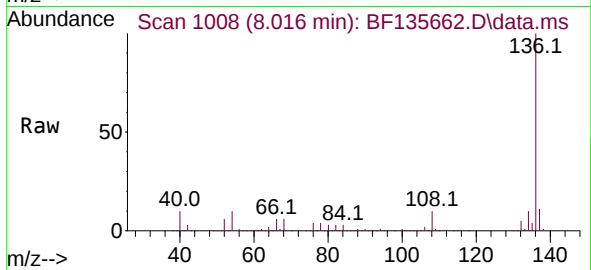
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.2 7.7 11.5

68 6.1 4.6 6.8



#23

Nitrobenzene-d5

Concen: 89.855 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.000 min

Lab File: BF135662.D

Acq: 09 Oct 2023 21:11

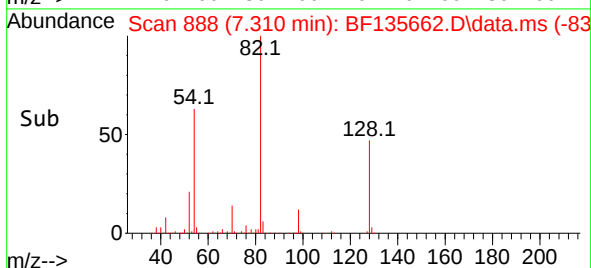
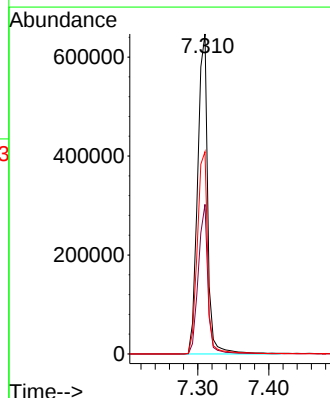
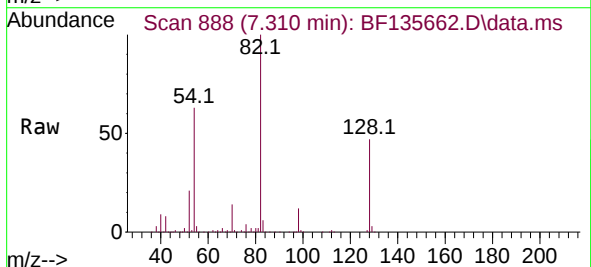
Tgt Ion: 82 Resp: 639991

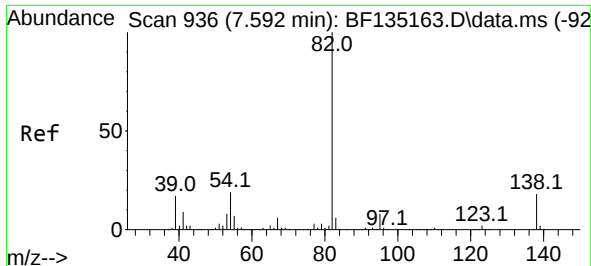
Ion Ratio Lower Upper

82 100

128 46.7 35.8 53.6

54 63.2 50.6 76.0

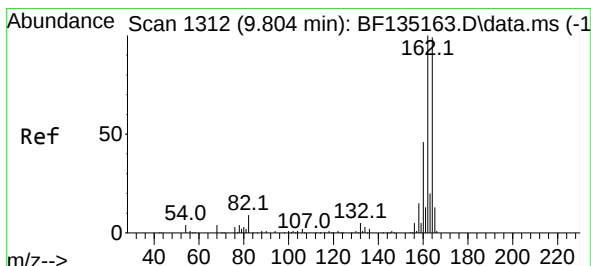
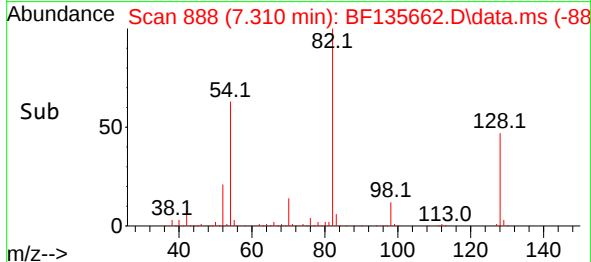
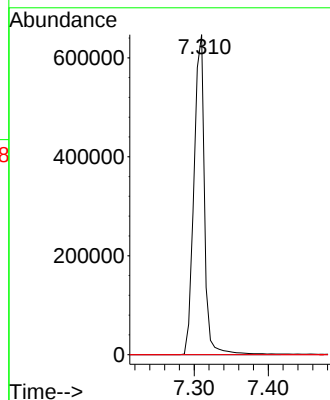
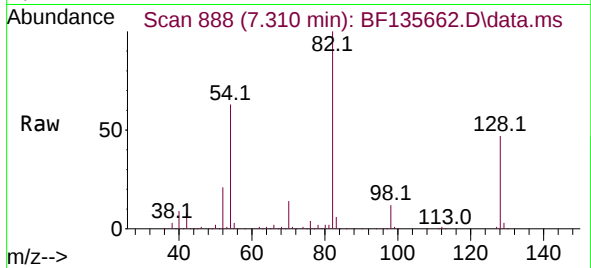




#25
Isophorone
Concen: 48.933 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF135662.D
Acq: 09 Oct 2023 21:11

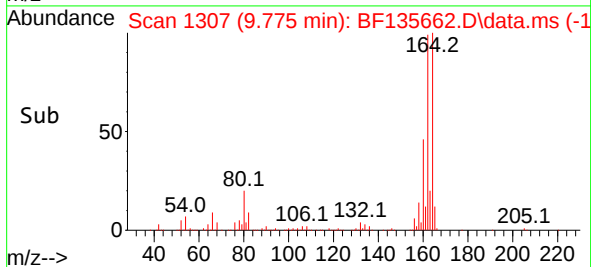
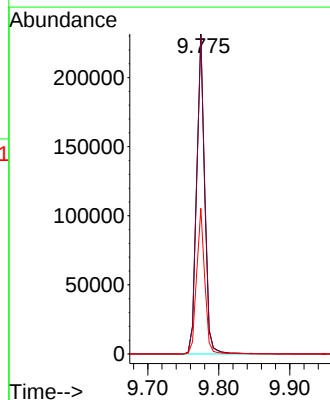
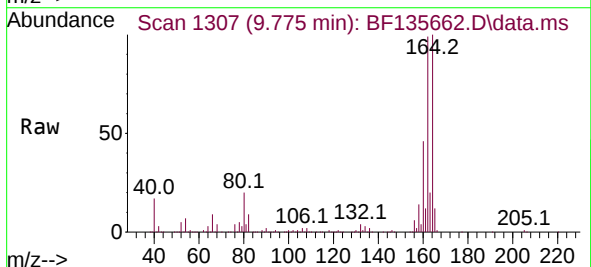
Instrument :
BNA_F
ClientSampleId :
MW-106D

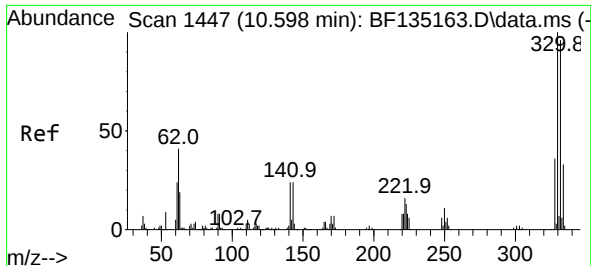
Tgt Ion: 82 Resp: 639985
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135662.D
Acq: 09 Oct 2023 21:11

Tgt Ion: 164 Resp: 182392
Ion Ratio Lower Upper
164 100
162 99.3 81.0 121.4
160 45.5 37.0 55.4

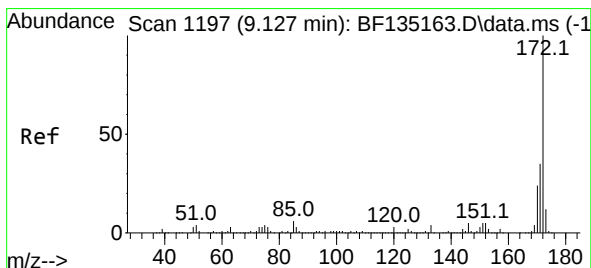
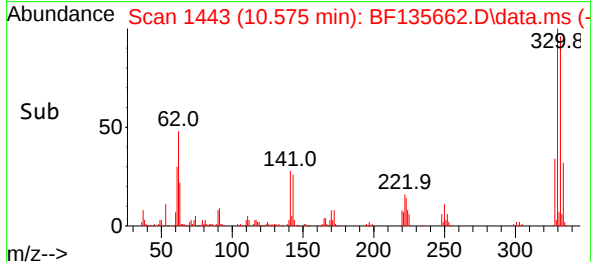
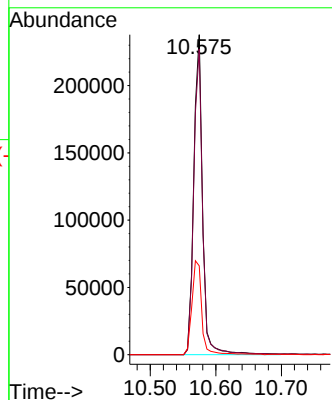
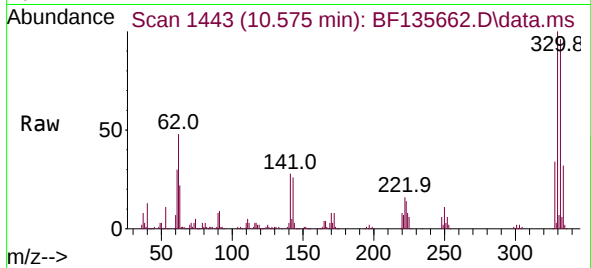




#42
2,4,6-Tribromophenol
Concen: 122.757 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135662.D
Acq: 09 Oct 2023 21:11

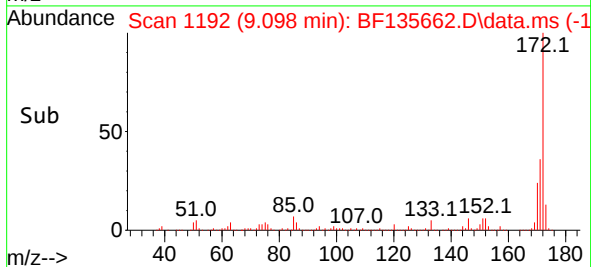
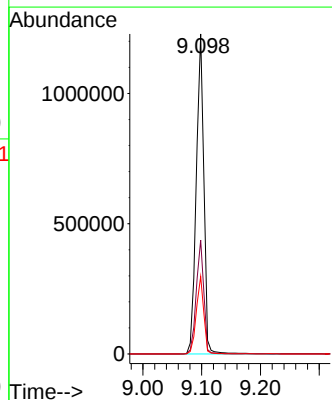
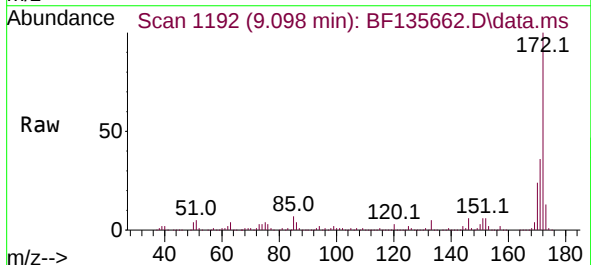
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MW-106D

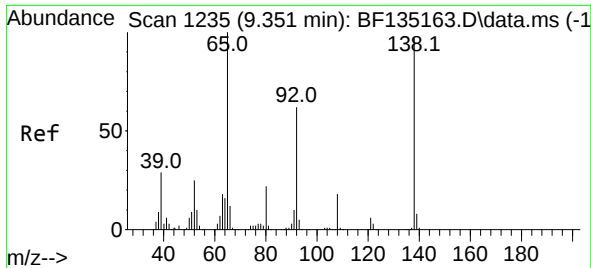
Tgt Ion:330 Resp: 222501
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 32.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 91.762 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135662.D
Acq: 09 Oct 2023 21:11

Tgt Ion:172 Resp: 1109330
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 24.2 19.0 28.4

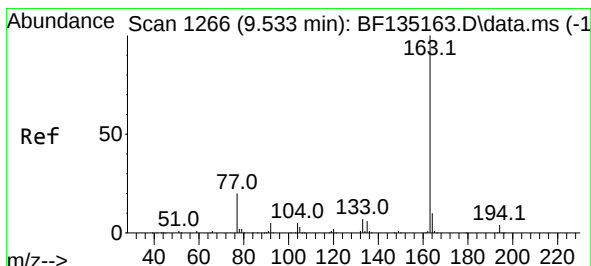
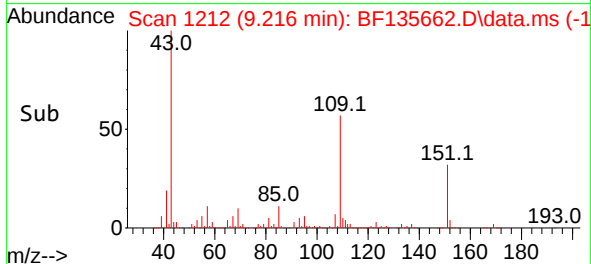
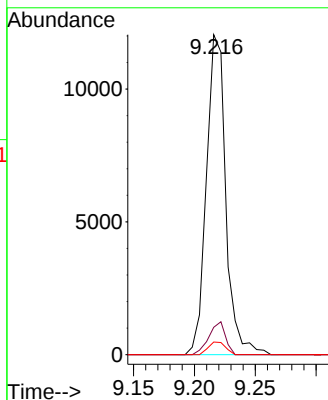
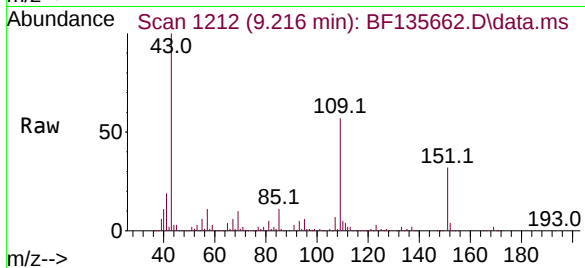




#48
2-Nitroaniline
Concen: 3.378 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.112 min
Lab File: BF135662.D
Acq: 09 Oct 2023 21:11

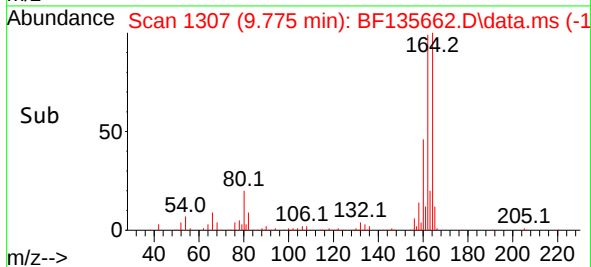
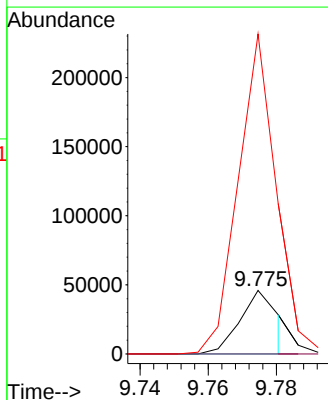
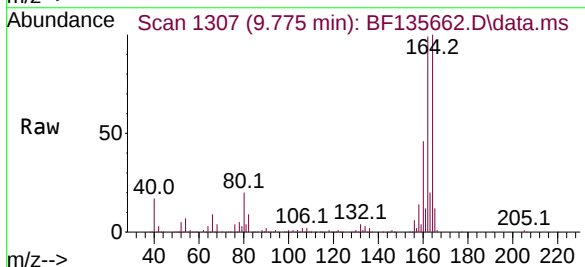
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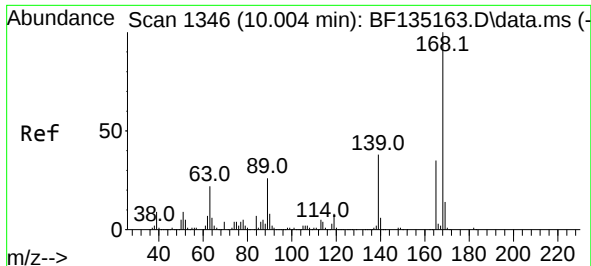
Tgt Ion: 65 Resp: 13347
Ion Ratio Lower Upper
65 100
92 8.5 49.4 74.0#
138 3.9 77.4 116.0#



#50
Dimethylphthalate
Concen: 2.854 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.271 min
Lab File: BF135662.D
Acq: 09 Oct 2023 21:11

Tgt Ion:163 Resp: 35200
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 504.3 8.1 12.1#

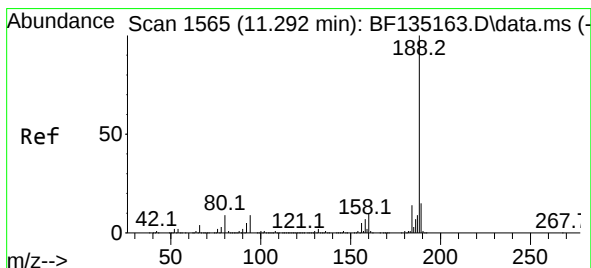
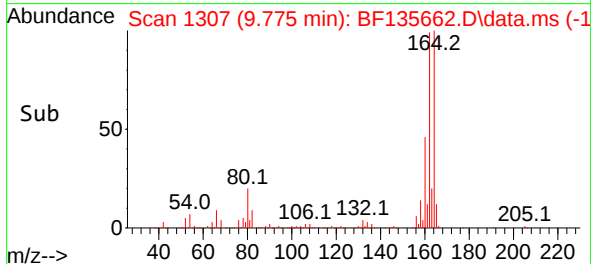
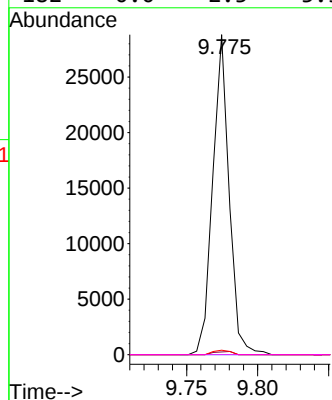
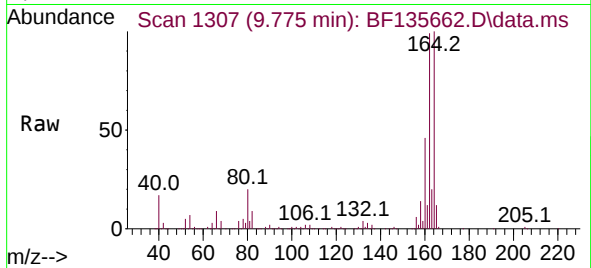




#57
2,4-Dinitrotoluene
Concen: 6.863 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135662.D
Acq: 09 Oct 2023 21:11

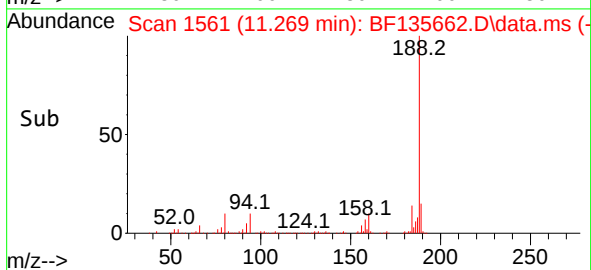
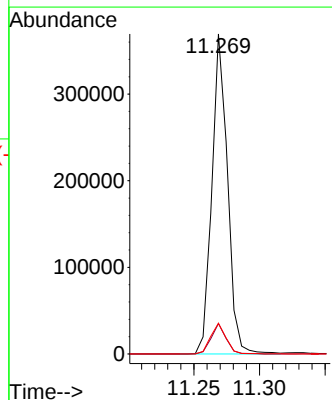
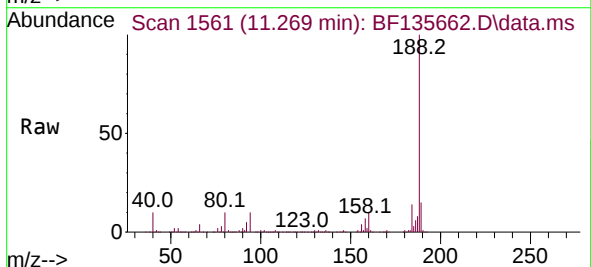
Instrument :
BNA_F
ClientSampleId :
MW-106D

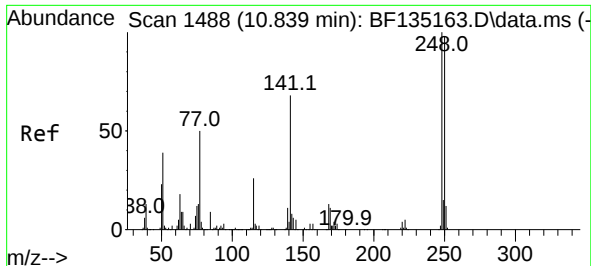
Tgt Ion:165 Resp: 23211
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 1.4 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF135662.D
Acq: 09 Oct 2023 21:11

Tgt Ion:188 Resp: 306240
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 9.6 7.5 11.3

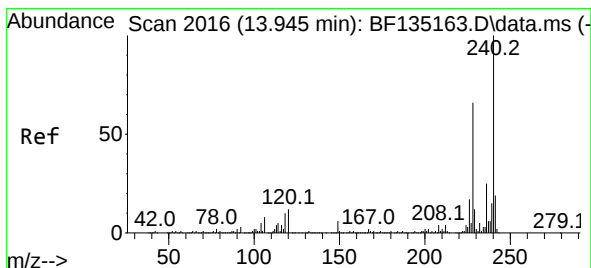
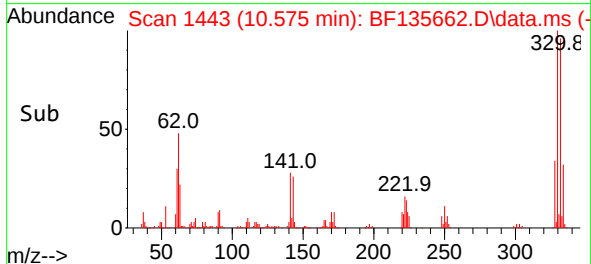
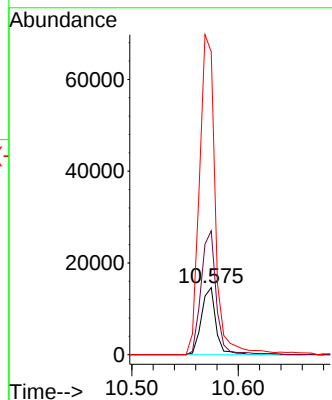
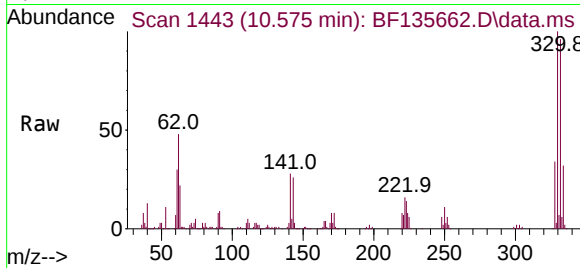




#67
4-Bromophenyl-phenylether
Concen: 4.552 ng
RT: 10.575 min Scan# 1488
Delta R.T. -0.235 min
Lab File: BF135662.D
Acq: 09 Oct 2023 21:11

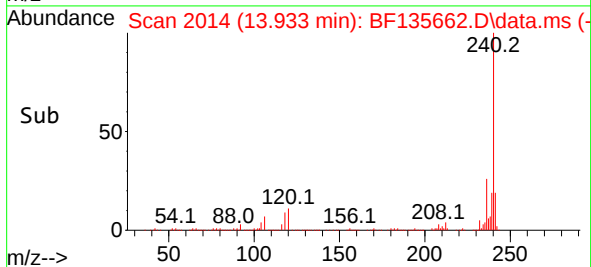
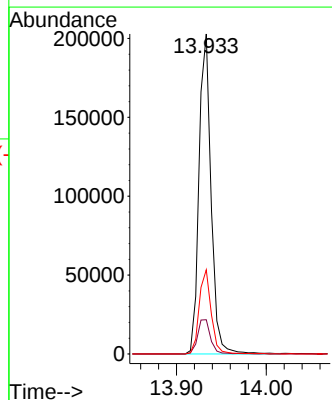
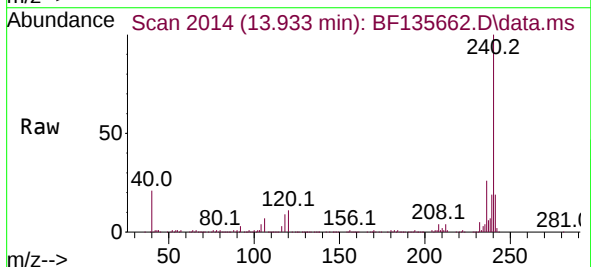
Instrument :
BNA_F
ClientSampleId :
MW-106D

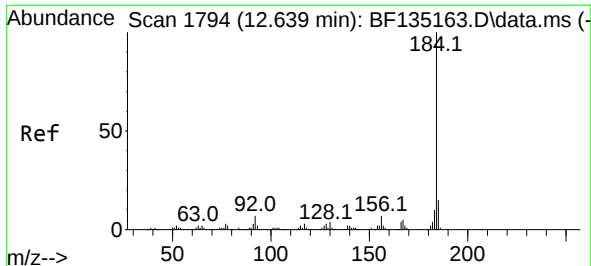
Tgt Ion:248 Resp: 13864
Ion Ratio Lower Upper
248 100
250 184.5 78.6 117.8#
141 451.2 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135662.D
Acq: 09 Oct 2023 21:11

Tgt Ion:240 Resp: 189338
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.2
236 26.3 19.8 29.8

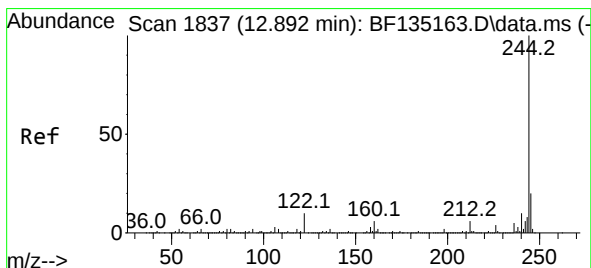
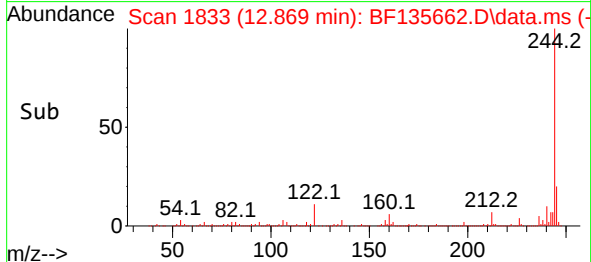
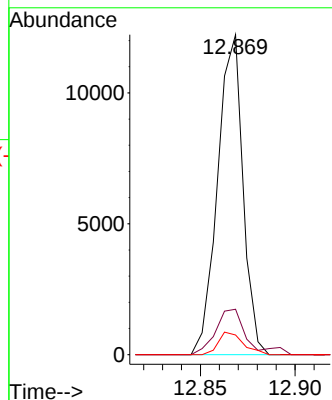
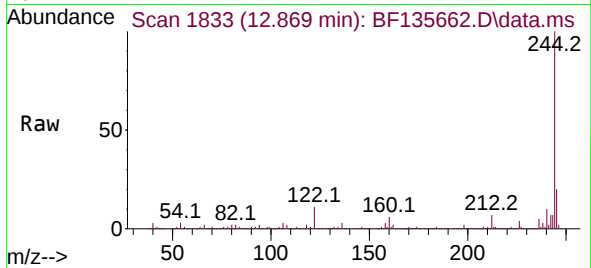




#77
Benzidine
Concen: 2.929 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.253 min
Lab File: BF135662.D
Acq: 09 Oct 2023 21:11

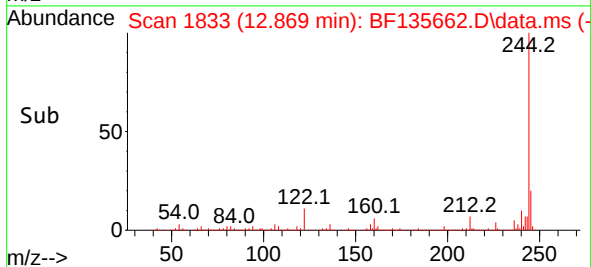
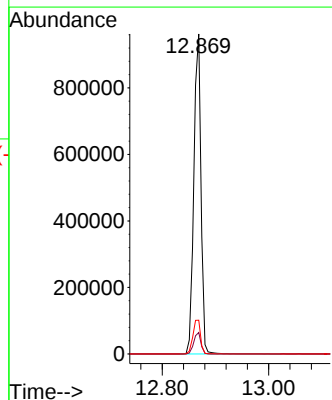
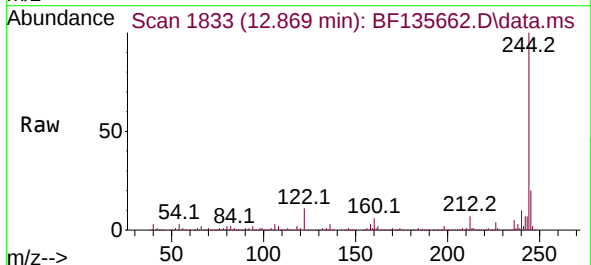
Instrument :
BNA_F
ClientSampleId :
MW-106D

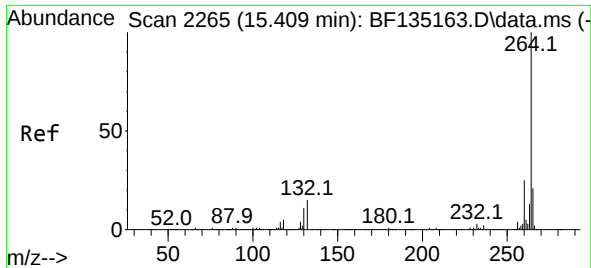
Tgt Ion:184 Resp: 11362
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 6.2 8.2 12.4#



#79
Terphenyl-d14
Concen: 73.461 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.006 min
Lab File: BF135662.D
Acq: 09 Oct 2023 21:11

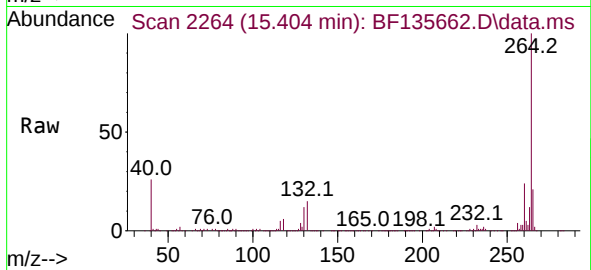
Tgt Ion:244 Resp: 897241
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 10.5 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF135662.D
 Acq: 09 Oct 2023 21:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-106D



Tgt Ion:264 Resp: 202686
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 21.1 17.0 25.4

