

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135652.D
 Acq On : 09 Oct 2023 15:03
 Operator : CG\JU
 Sample : 04656-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105I

Quant Time: Oct 09 15:47:04 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)

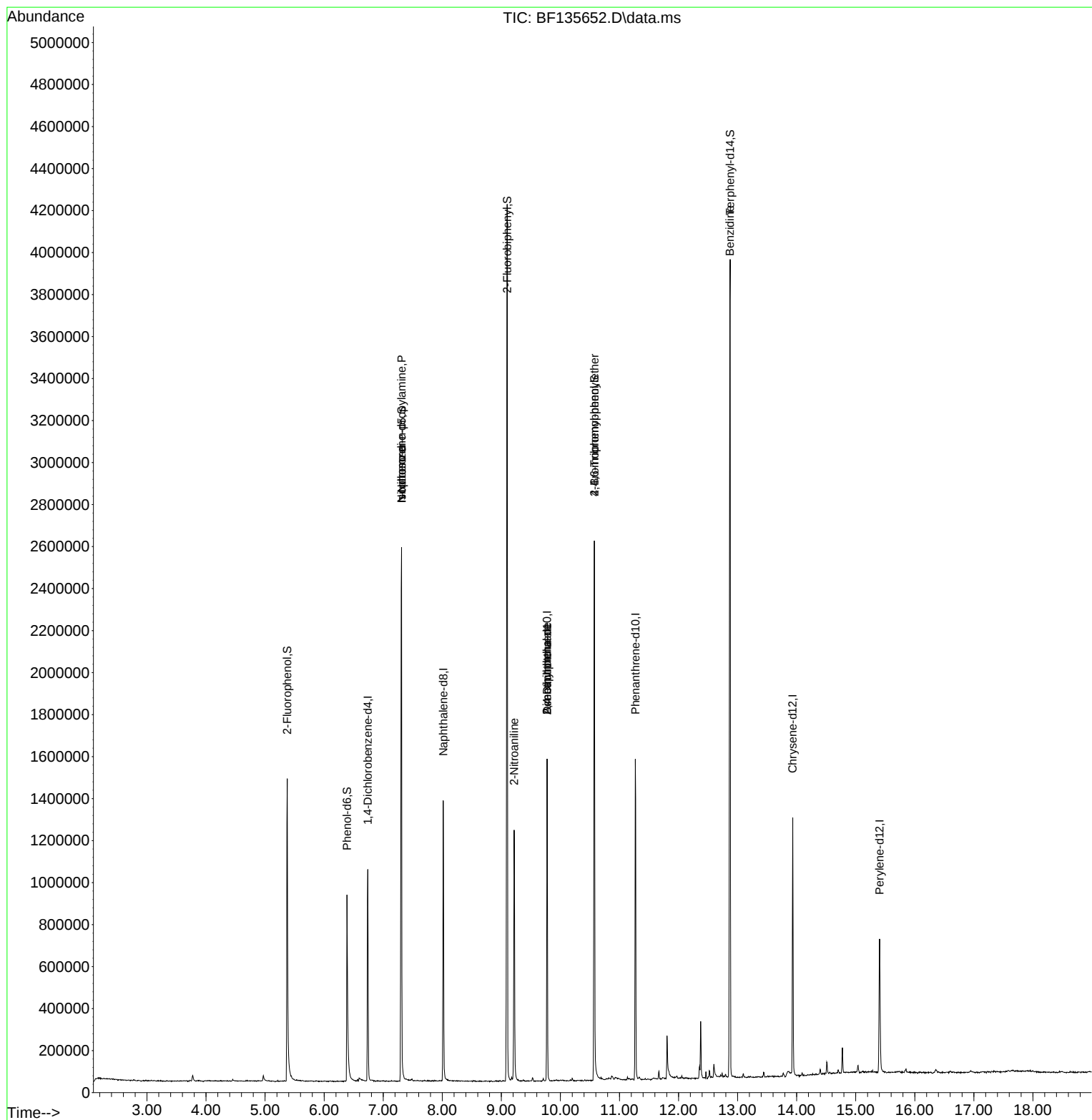
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	154197	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	577134	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	291595	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	586172	20.000	ng	# 0.00
76) Chrysene-d12	13.933	240	391672	20.000	ng	0.00
86) Perylene-d12	15.404	264	317084	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	464636	49.009	ng	0.00
7) Phenol-d6	6.387	99	349032	28.953	ng	0.00
23) Nitrobenzene-d5	7.310	82	870415	81.938	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	324271	111.904	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1421056	73.526	ng	0.00
79) Terphenyl-d14	12.875	244	1592183	63.017	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	117622	15.752	ng	# 78
25) Isophorone	7.310	82	870513	44.627	ng	# 65
48) 2-Nitroaniline	9.216	65	12760	2.020	ng	# 16
50) Dimethylphthalate	9.775	163	56011	2.841	ng	# 1
57) 2,4-Dinitrotoluene	9.775	165	38023	7.032	ng	# 18
67) 4-Bromophenyl-phenylether	10.575	248	21368	3.665	ng	# 1
77) Benzidine	12.869	184	20747	2.586	ng	# 94

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

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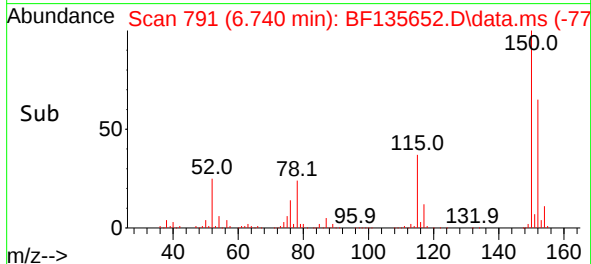
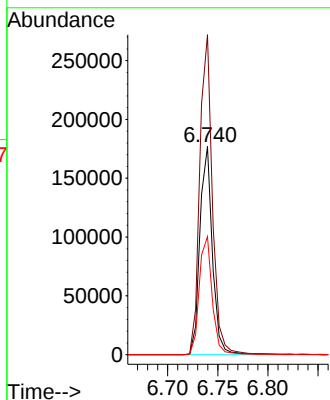
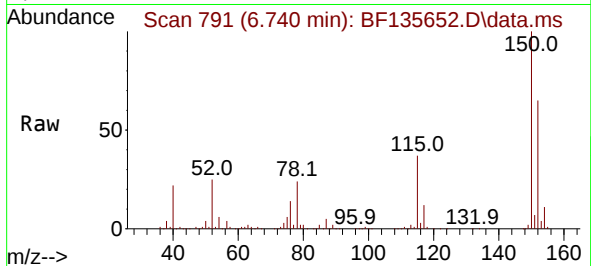




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

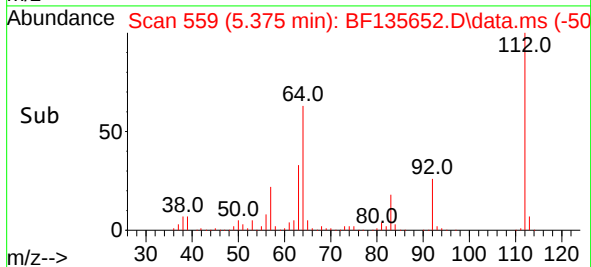
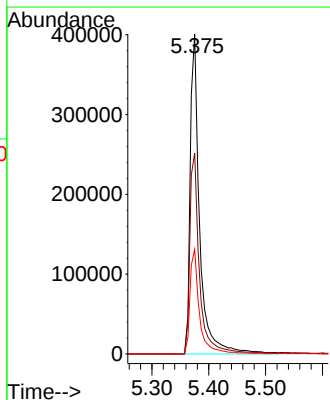
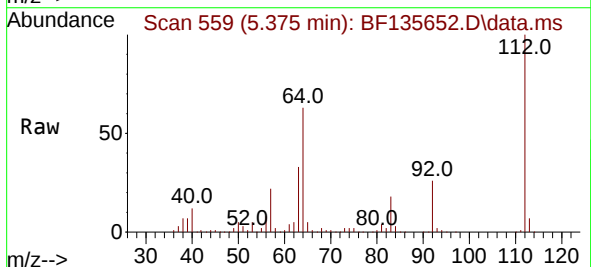
Instrument :
BNA_F
ClientSampleId :
MW-105I

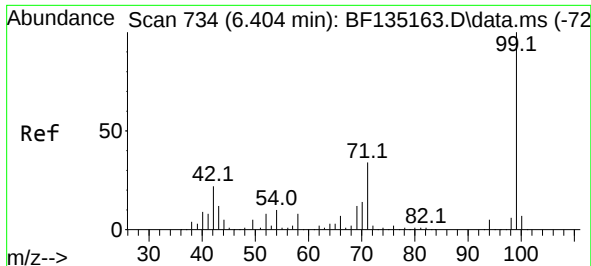
Tgt Ion:152 Resp: 154197
Ion Ratio Lower Upper
152 100
150 153.7 127.8 191.6
115 56.8 49.8 74.8



#5
2-Fluorophenol
Concen: 49.009 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

Tgt Ion:112 Resp: 464636
Ion Ratio Lower Upper
112 100
64 62.8 55.9 83.9
63 32.7 29.0 43.6

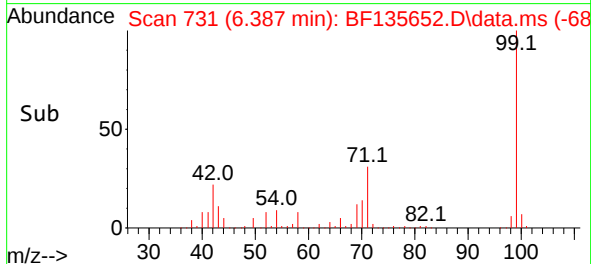
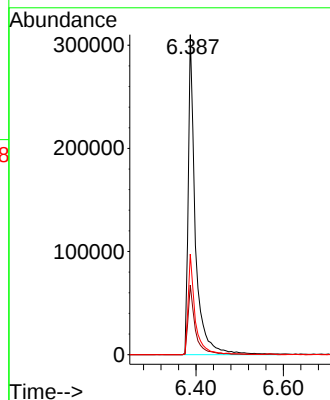
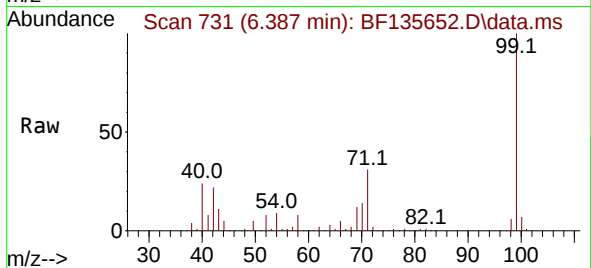




#7
Phenol-d6
Concen: 28.953 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

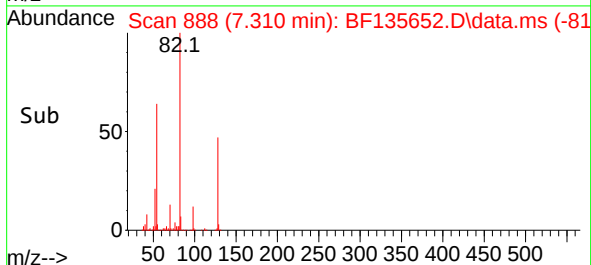
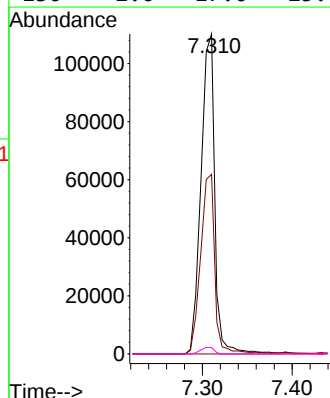
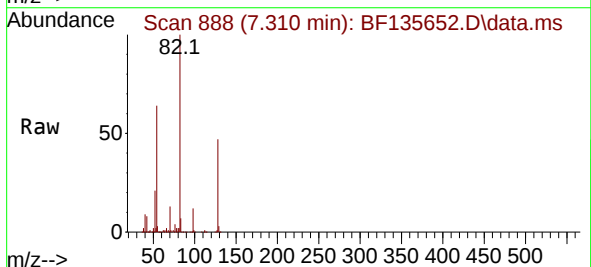
Instrument :
BNA_F
ClientSampleId :
MW-105I

Tgt Ion: 99 Resp: 349032
Ion Ratio Lower Upper
99 100
42 21.8 17.9 26.9
71 31.5 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.752 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.153 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

Tgt Ion: 70 Resp: 117622
Ion Ratio Lower Upper
70 100
42 56.1 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#

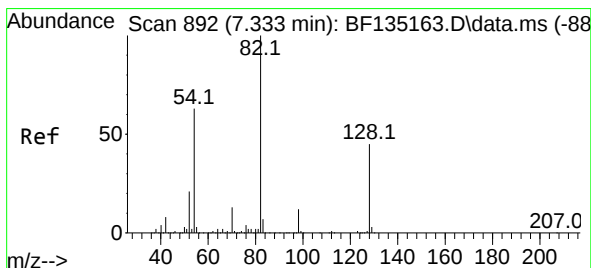
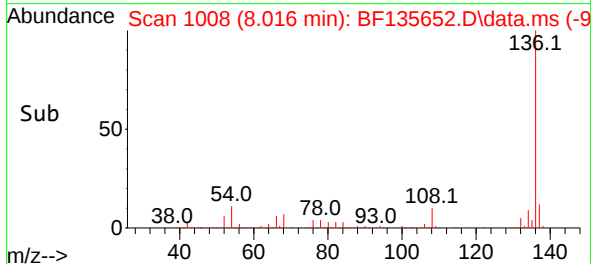
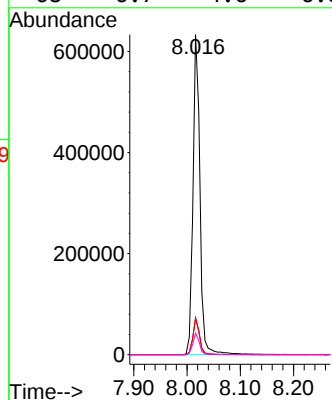
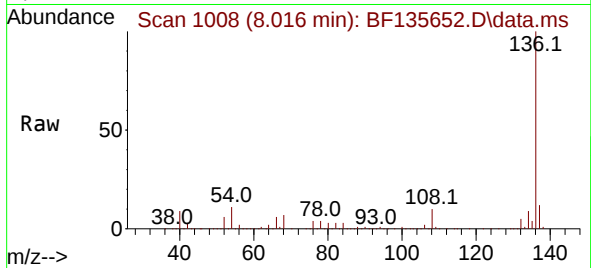




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

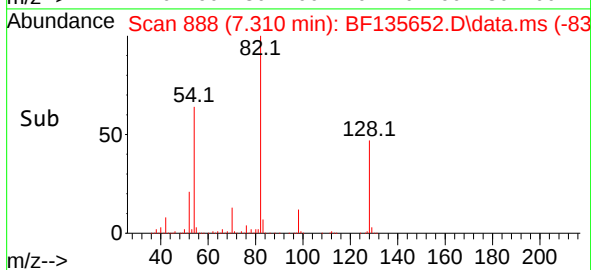
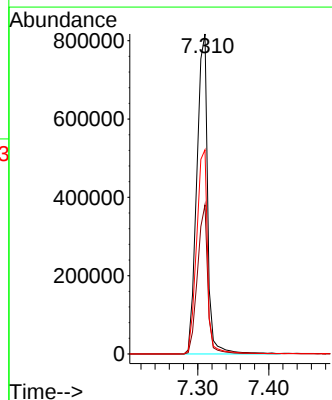
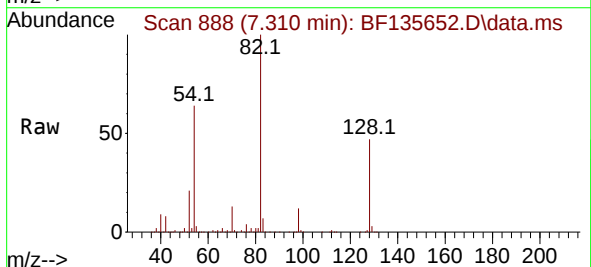
Instrument :
BNA_F
ClientSampleId :
MW-105I

Tgt Ion:136 Resp: 577134
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 11.3 7.7 11.5
68 6.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 81.938 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

Tgt Ion: 82 Resp: 870415
Ion Ratio Lower Upper
82 100
128 46.6 35.8 53.6
54 63.8 50.6 76.0

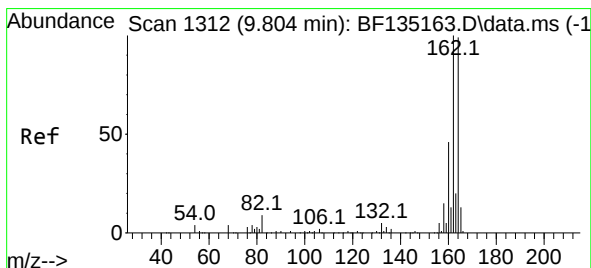
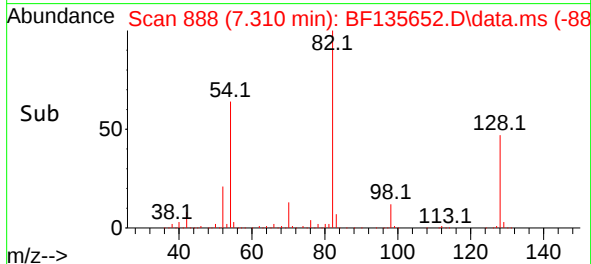
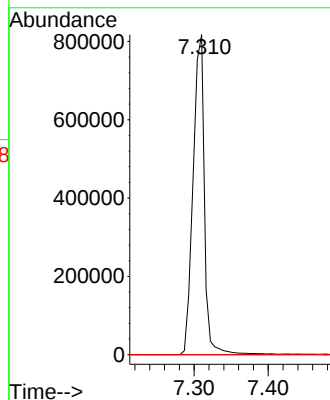
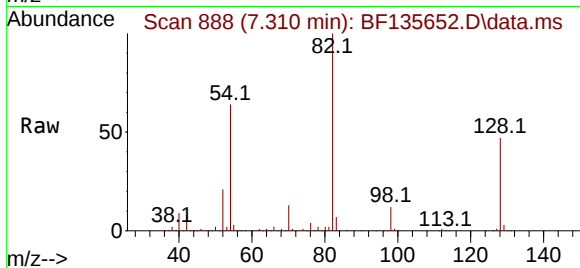




#25
Isophorone
Concen: 44.627 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

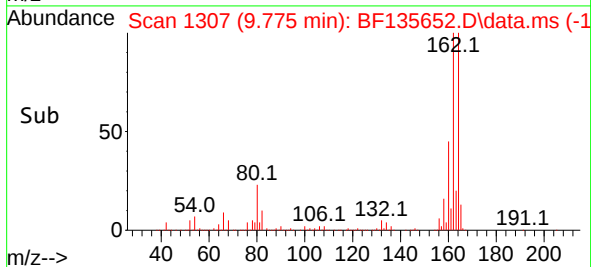
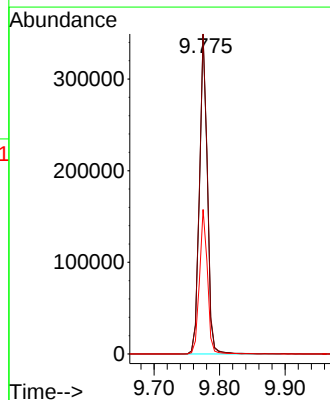
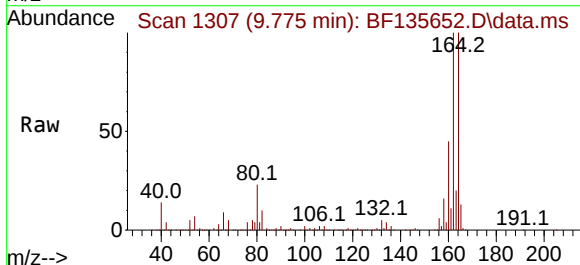
Instrument :
BNA_F
ClientSampleId :
MW-105I

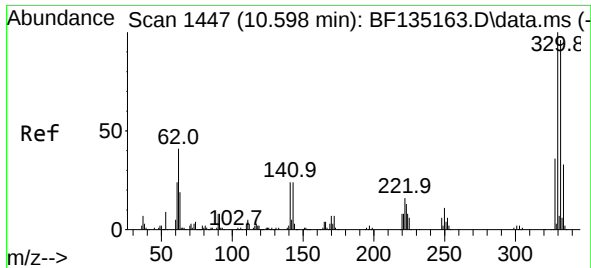
Tgt Ion: 82 Resp: 870513
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

Tgt Ion: 164 Resp: 291595
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 45.2 37.0 55.4

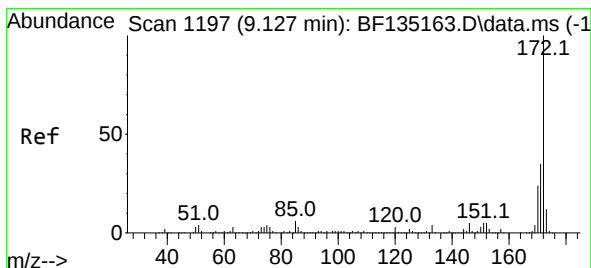
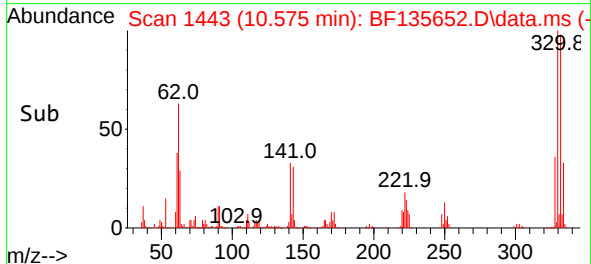
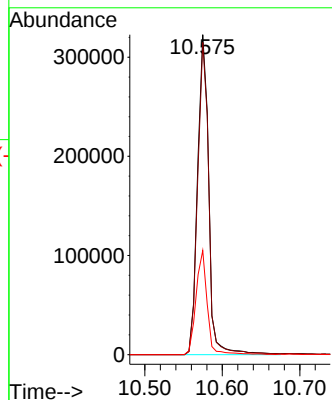
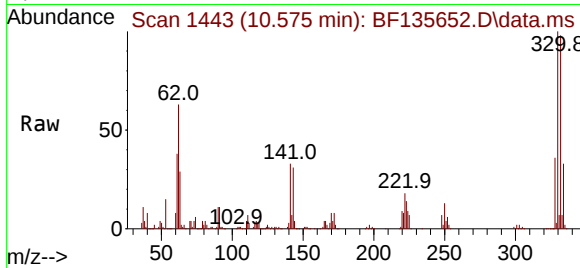




#42
2,4,6-Tribromophenol
Concen: 111.904 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

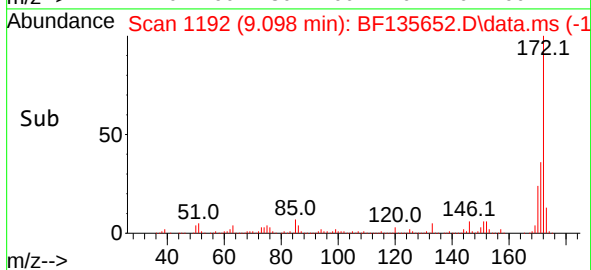
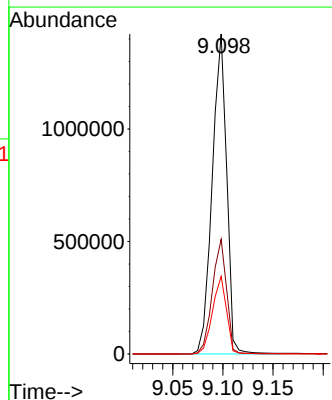
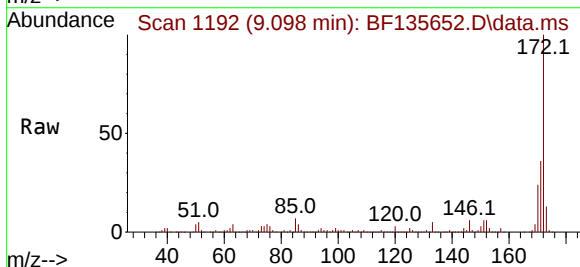
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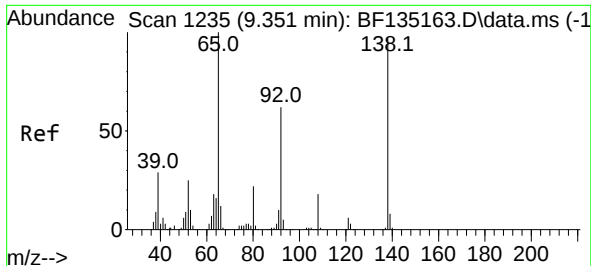
Tgt Ion:330 Resp: 324271
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 32.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 73.526 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

Tgt Ion:172 Resp: 1421056
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.2 19.0 28.4

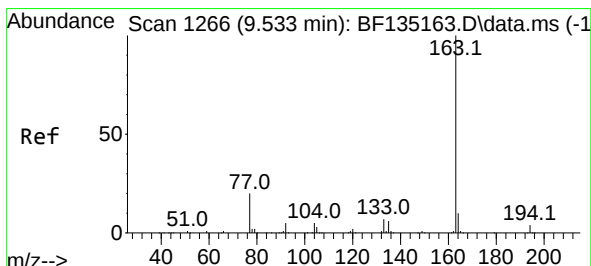
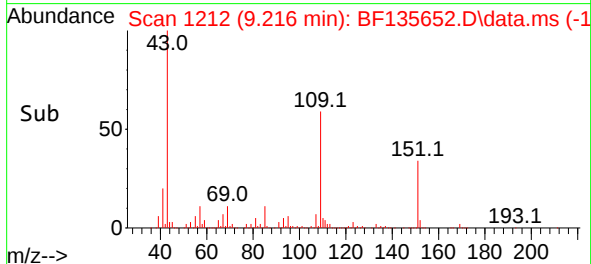
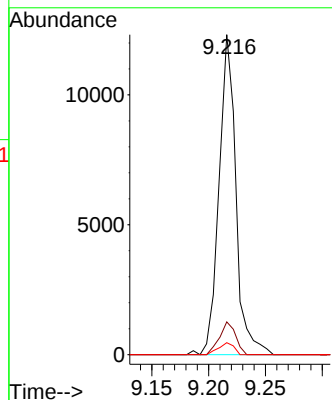
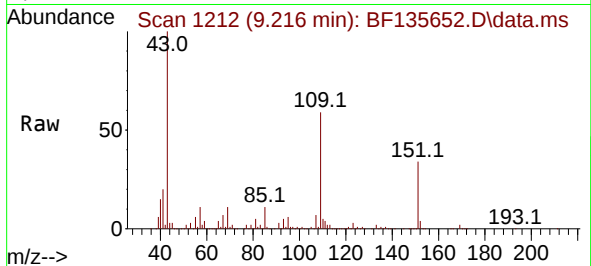




#48
2-Nitroaniline
Concen: 2.020 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.112 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

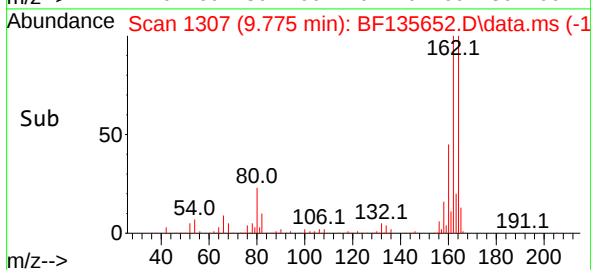
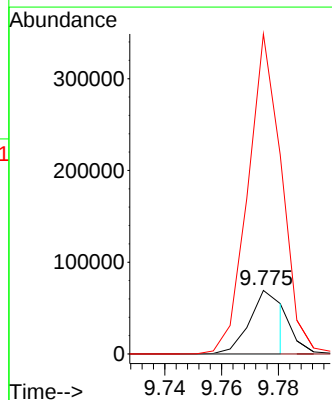
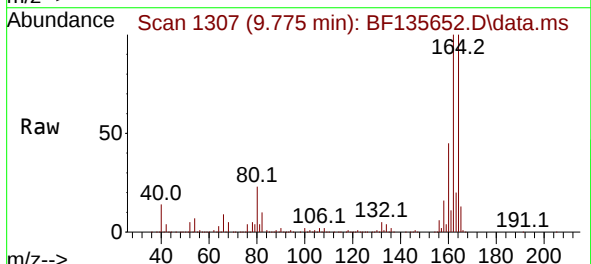
Instrument :
BNA_F
ClientSampleId :
MW-105I

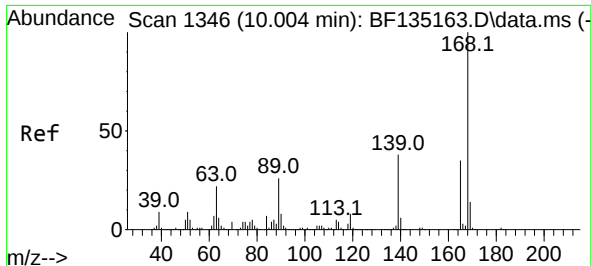
Tgt Ion: 65 Resp: 12760
Ion Ratio Lower Upper
65 100
92 10.3 49.4 74.0#
138 3.7 77.4 116.0#



#50
Dimethylphthalate
Concen: 2.841 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.271 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

Tgt Ion:163 Resp: 56011
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 503.2 8.1 12.1#

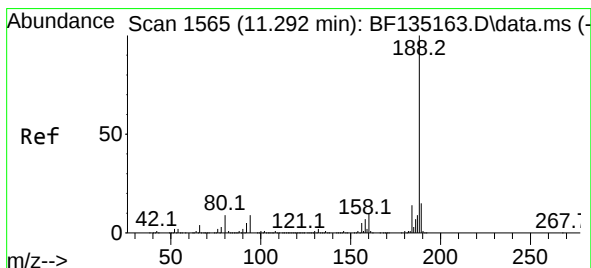
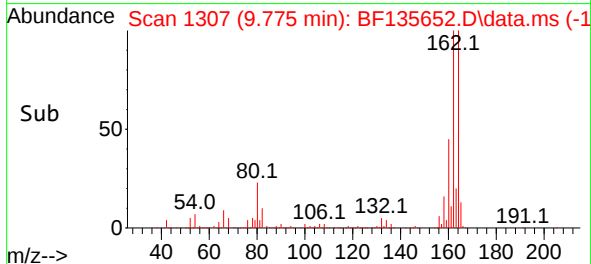
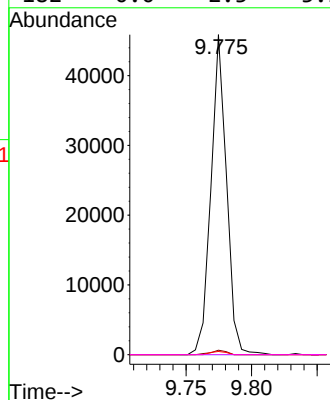
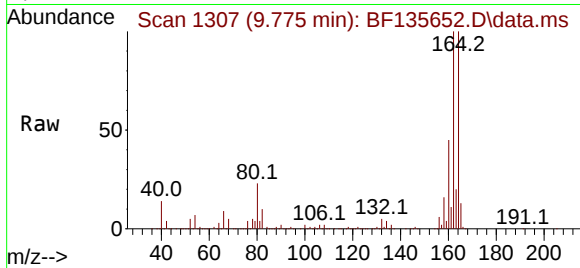




#57
2,4-Dinitrotoluene
Concen: 7.032 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

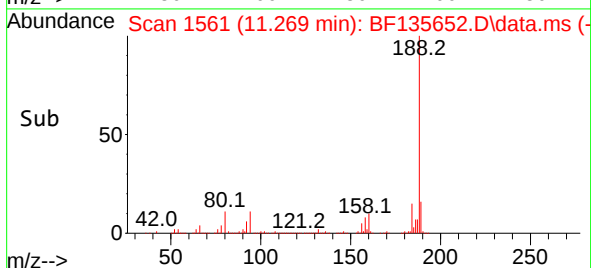
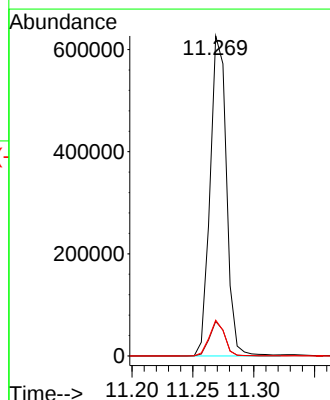
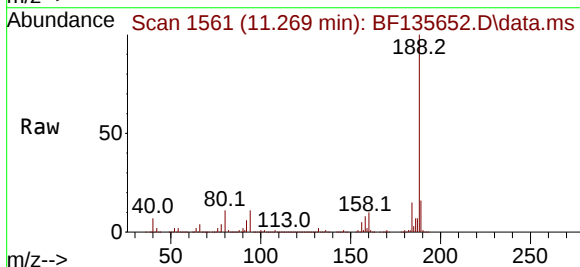
Instrument :
BNA_F
ClientSampleId :
MW-105I

Tgt Ion:165 Resp: 38023
Ion Ratio Lower Upper
165 100
63 1.4 50.1 75.1#
89 1.0 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: BF135652.D
Acq: 09 Oct 2023 15:03

Tgt Ion:188 Resp: 586172
Ion Ratio Lower Upper
188 100
94 10.8 7.0 10.6#
80 11.2 7.5 11.3

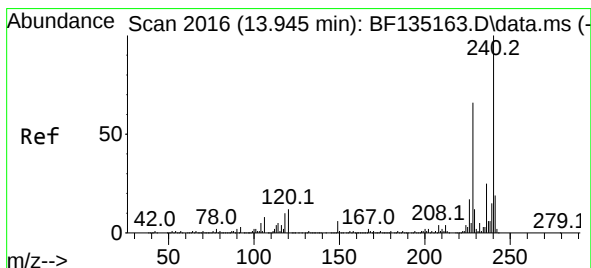
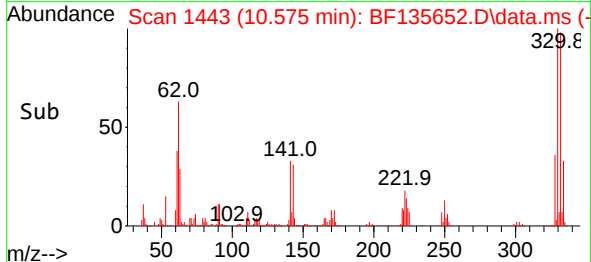
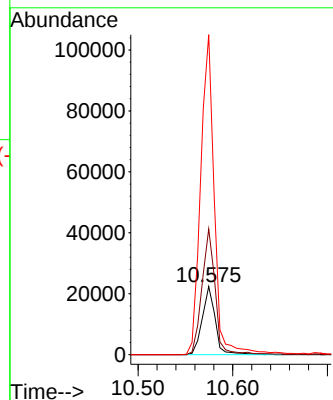
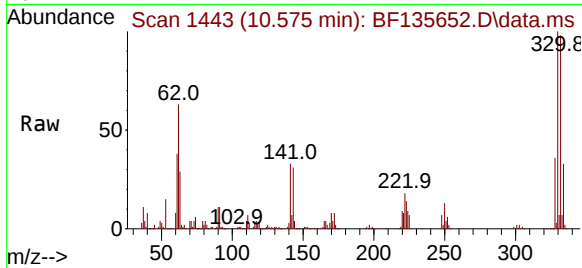




#67
4-Bromophenyl-phenylether
Concen: 3.665 ng
RT: 10.575 min Scan# 1488
Delta R.T. -0.235 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

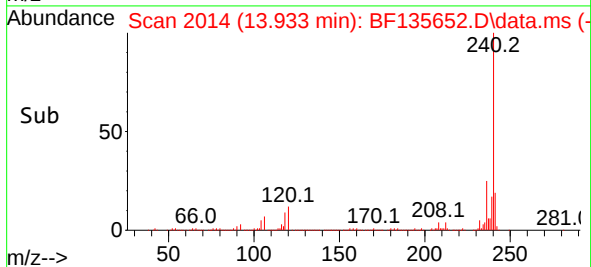
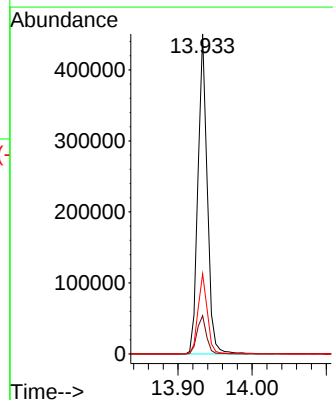
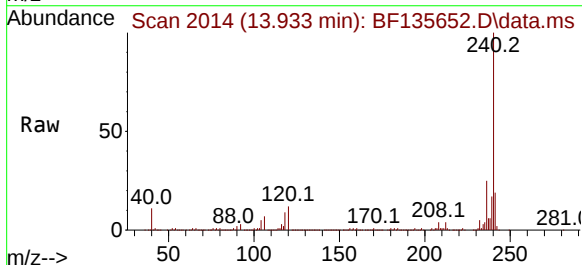
Instrument :
BNA_F
ClientSampleId :
MW-105I

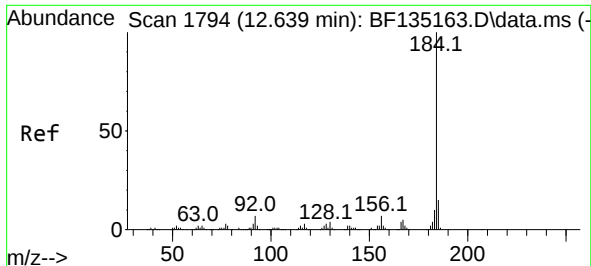
Tgt Ion:248 Resp: 21368
Ion Ratio Lower Upper
248 100
250 184.2 78.6 117.8#
141 468.9 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

Tgt Ion:240 Resp: 391672
Ion Ratio Lower Upper
240 100
120 12.0 9.4 14.2
236 25.0 19.8 29.8

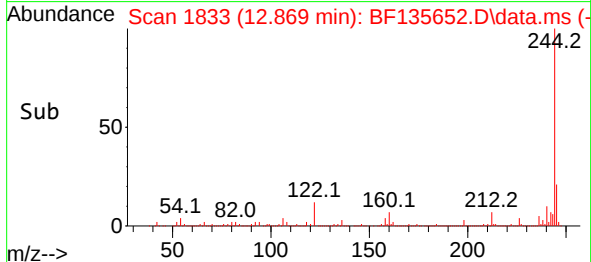
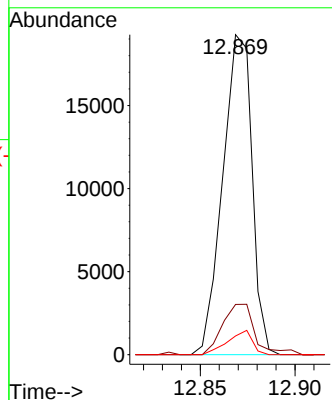
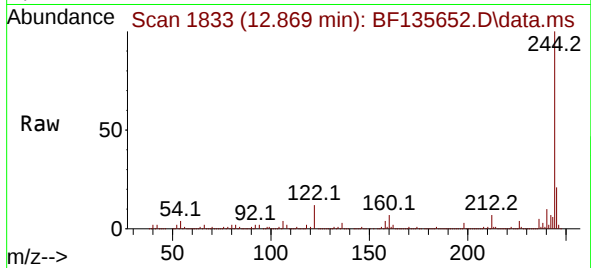




#77
Benzidine
Concen: 2.586 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.253 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

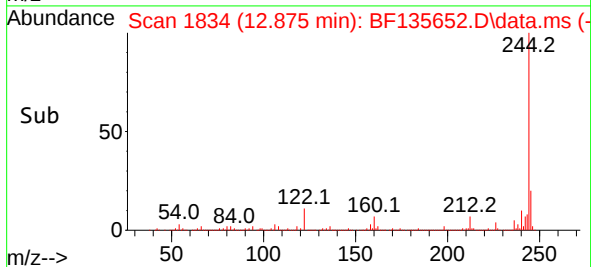
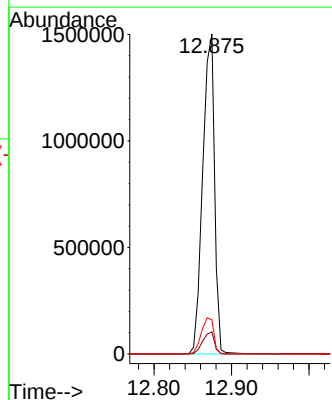
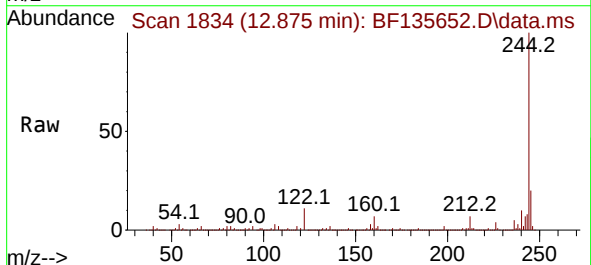
Instrument :
BNA_F
ClientSampleId :
MW-105I

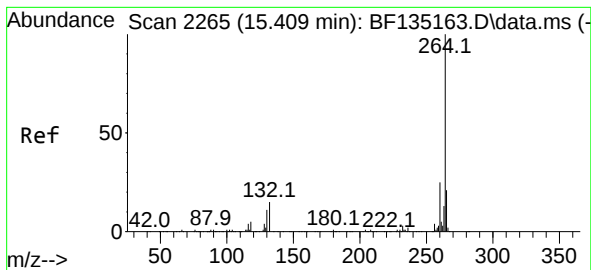
Tgt Ion:184 Resp: 20747
Ion Ratio Lower Upper
184 100
185 15.7 11.7 17.5
183 5.8 8.2 12.4#



#79
Terphenyl-d14
Concen: 63.017 ng
RT: 12.875 min Scan# 1834
Delta R.T. 0.012 min
Lab File: BF135652.D
Acq: 09 Oct 2023 15:03

Tgt Ion:244 Resp: 1592183
Ion Ratio Lower Upper
244 100
212 6.9 5.1 7.7
122 10.7 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: BF135652.D
 Acq: 09 Oct 2023 15:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-105I

Tgt Ion:264 Resp: 317084
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 21.2 17.0 25.4

