

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135663.D
 Acq On : 09 Oct 2023 21:41
 Operator : CG\JU
 Sample : 04656-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-106S

Quant Time: Oct 10 02:28:35 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)

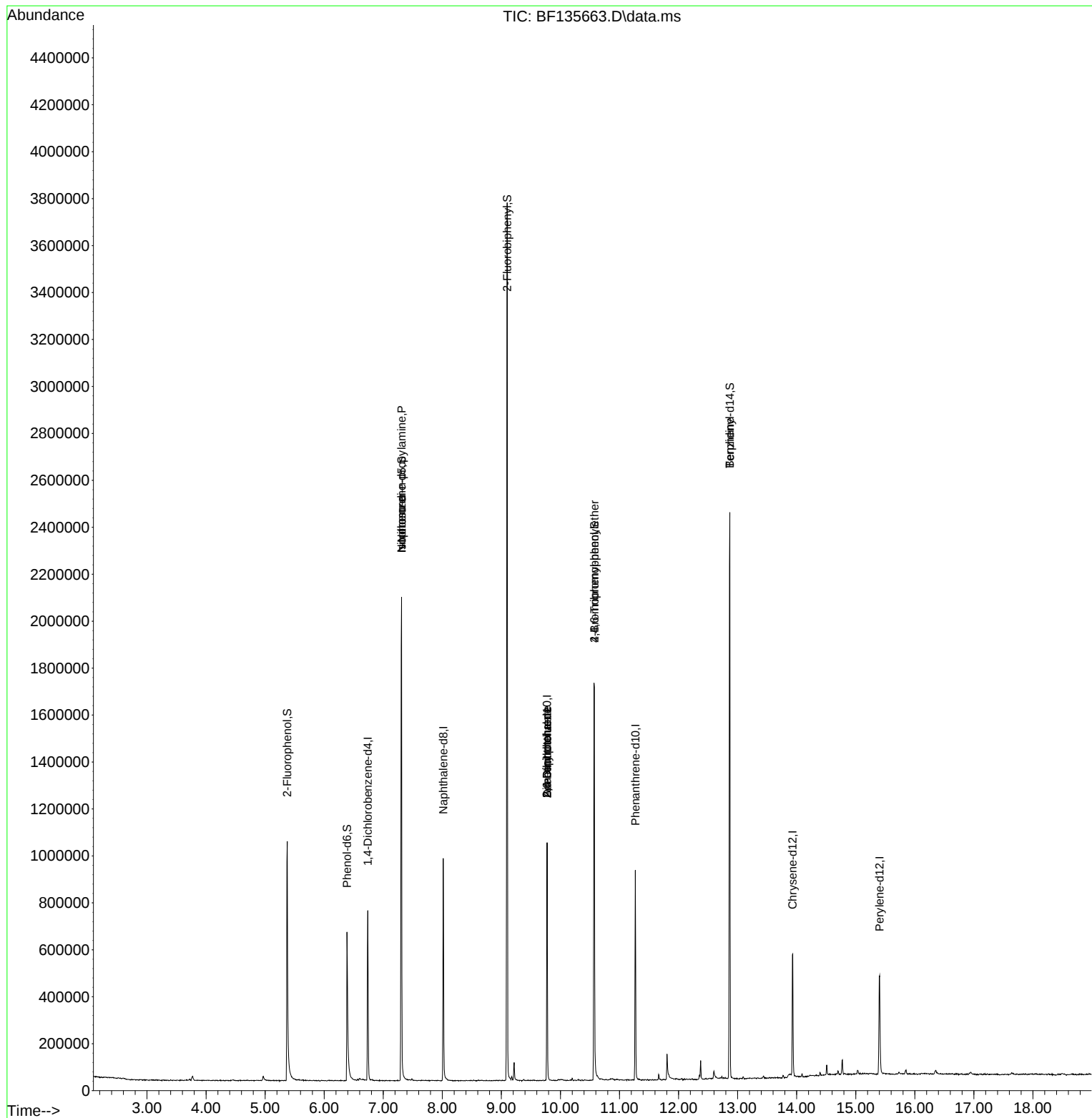
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	108676	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	402359	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	193484	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	318154	20.000	ng	0.00
76) Chrysene-d12	13.933	240	194769	20.000	ng	0.00
86) Perylene-d12	15.404	264	217143	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	346694	51.886	ng	0.00
7) Phenol-d6	6.387	99	262094	30.848	ng	0.00
23) Nitrobenzene-d5	7.310	82	662012	89.390	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	225531	117.295	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1132515	88.310	ng	0.00
79) Terphenyl-d14	12.869	244	883658	70.331	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	89619	17.029	ng	# 78
25) Isophorone	7.310	82	662005	48.680	ng	# 65
50) Dimethylphthalate	9.775	163	36656	2.802	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	24196	8.443	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	24196	6.744	ng	# 18
67) 4-Bromophenyl-phenylether	10.575	248	15251	4.820	ng	# 1
77) Benzidine	12.869	184	11142	2.792	ng	# 94

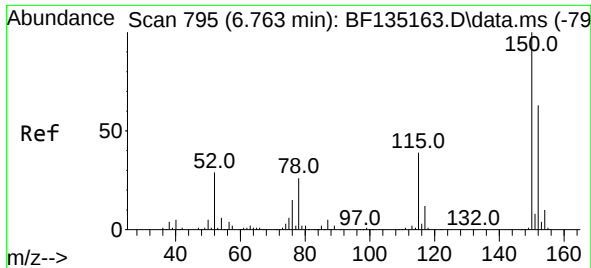
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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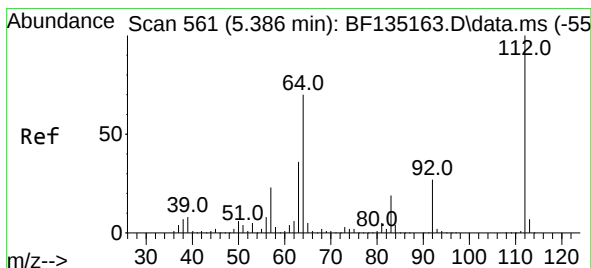
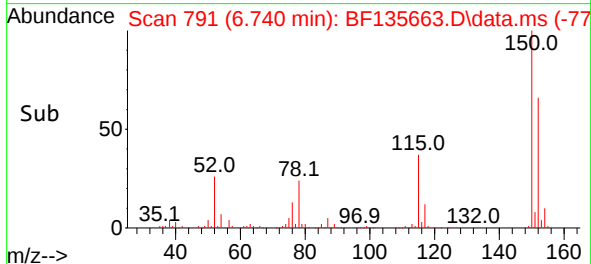
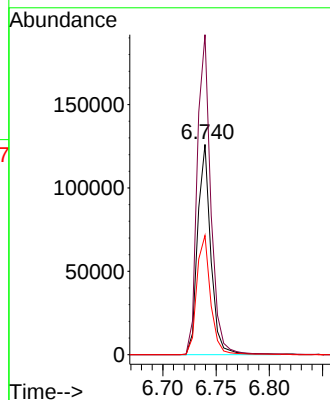
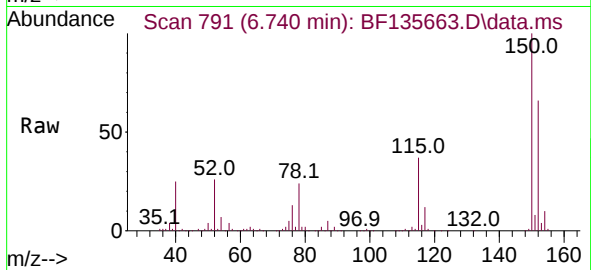




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135663.D
Acq: 09 Oct 2023 21:41

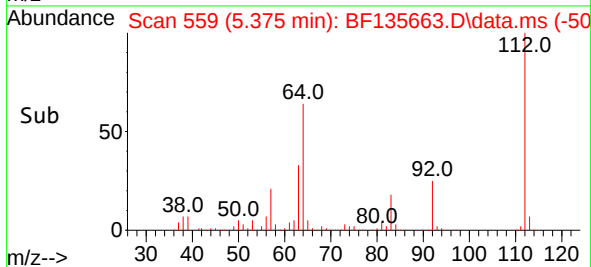
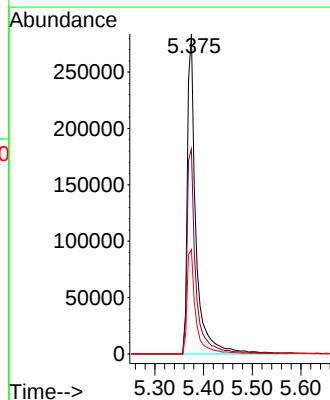
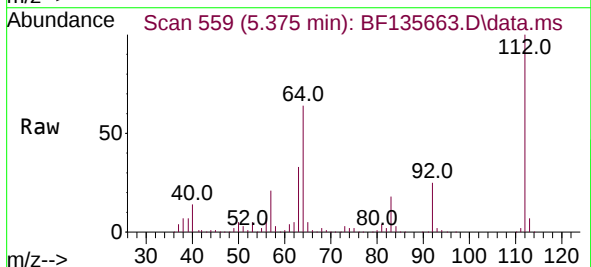
Instrument :
BNA_F
ClientSampleId :
MW-106S

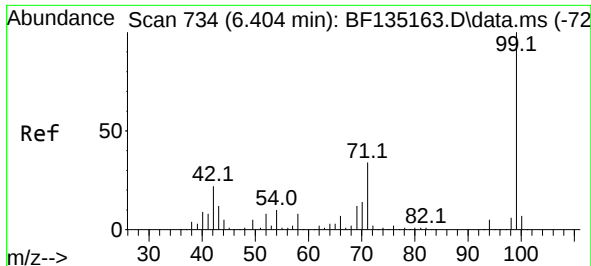
Tgt Ion:152 Resp: 108676
Ion Ratio Lower Upper
152 100
150 152.2 127.8 191.6
115 56.7 49.8 74.8



#5
2-Fluorophenol
Concen: 51.886 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135663.D
Acq: 09 Oct 2023 21:41

Tgt Ion:112 Resp: 346694
Ion Ratio Lower Upper
112 100
64 64.0 55.9 83.9
63 32.6 29.0 43.6





#7

Phenol-d6

Concen: 30.848 ng

RT: 6.387 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135663.D

Acq: 09 Oct 2023 21:41

Instrument :

BNA_F

ClientSampleId :

MW-106S

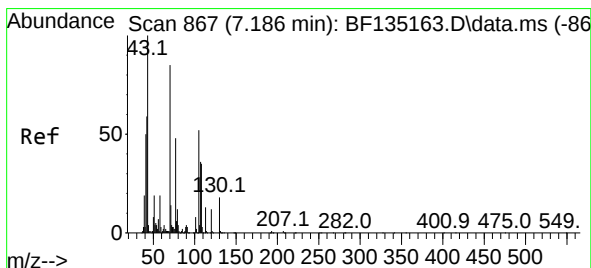
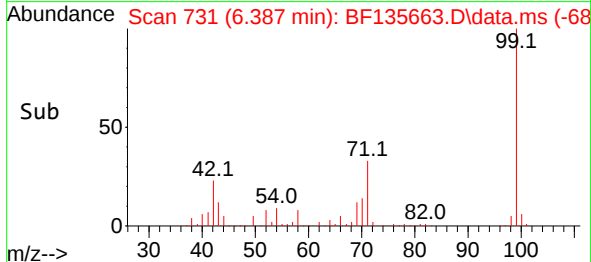
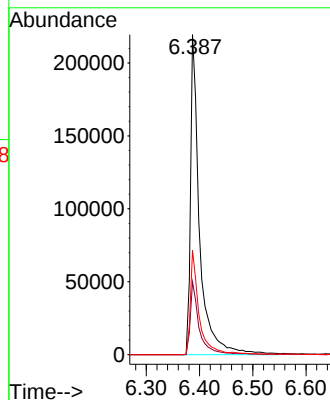
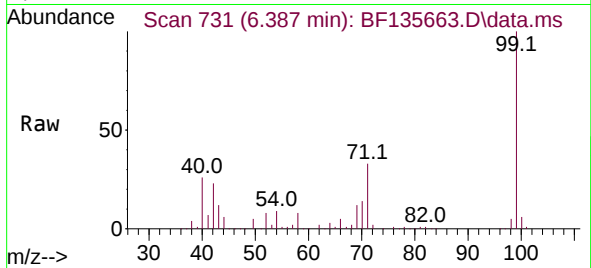
Tgt Ion: 99 Resp: 262094

Ion Ratio Lower Upper

99 100

42 22.8 17.9 26.9

71 32.6 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.029 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.153 min

Lab File: BF135663.D

Acq: 09 Oct 2023 21:41

Tgt Ion: 70 Resp: 89619

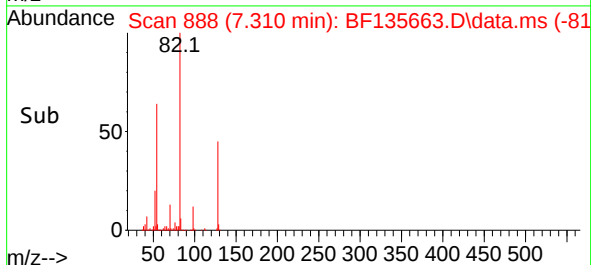
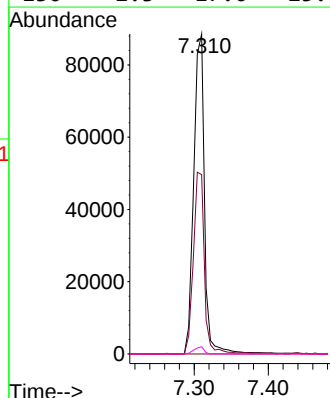
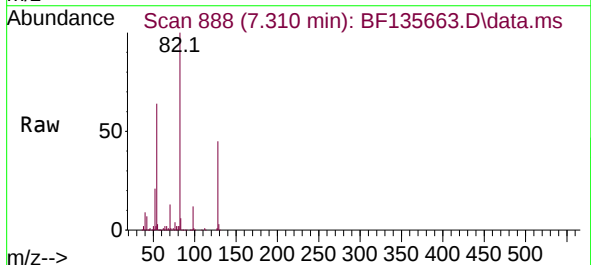
Ion Ratio Lower Upper

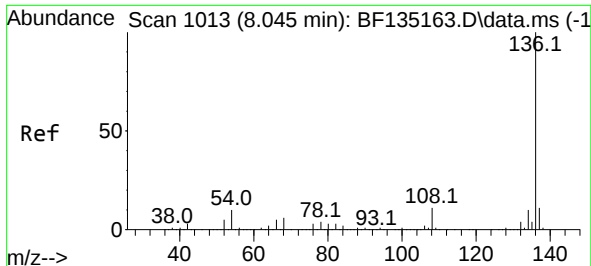
70 100

42 56.1 55.4 83.0

101 0.0 7.7 11.5#

130 2.3 17.0 25.6#

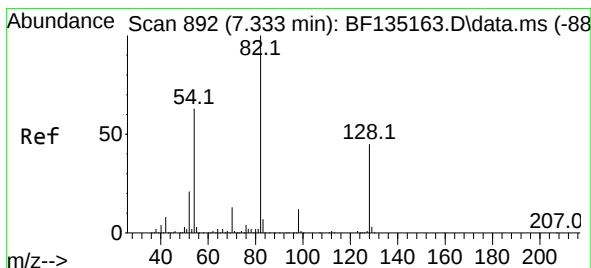
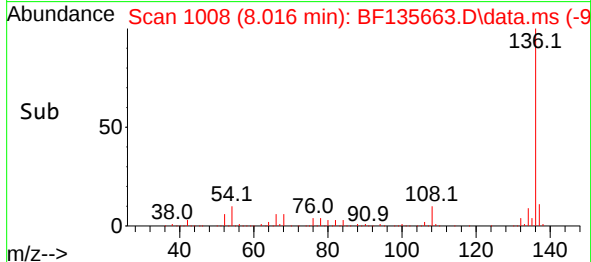
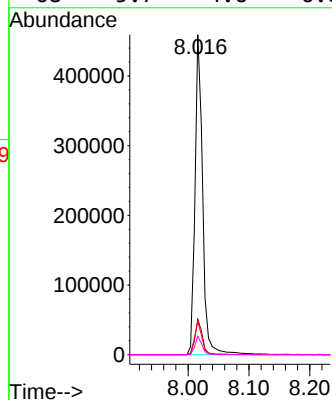
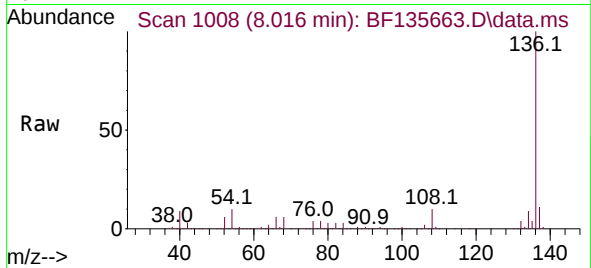




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135663.D
Acq: 09 Oct 2023 21:41

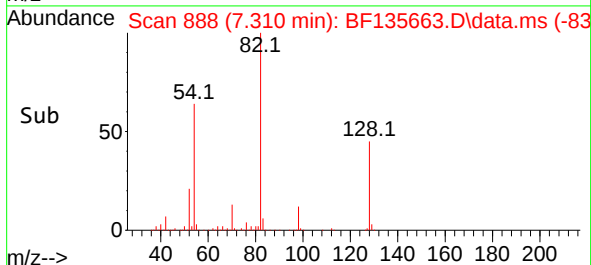
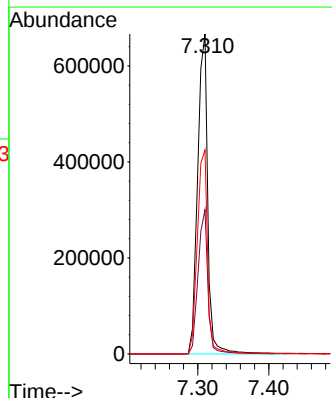
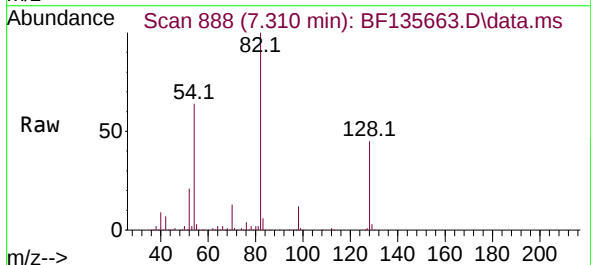
Instrument :
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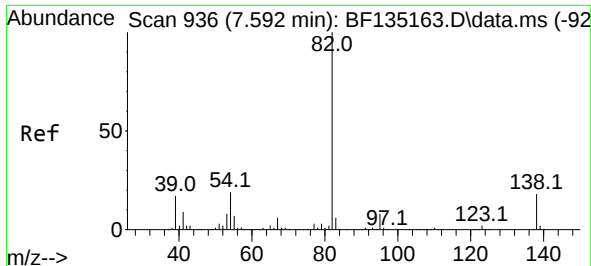
Tgt Ion:136 Resp: 402359
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.4 7.7 11.5
68 5.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 89.390 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF135663.D
Acq: 09 Oct 2023 21:41

Tgt Ion: 82 Resp: 662012
Ion Ratio Lower Upper
82 100
128 45.0 35.8 53.6
54 63.8 50.6 76.0

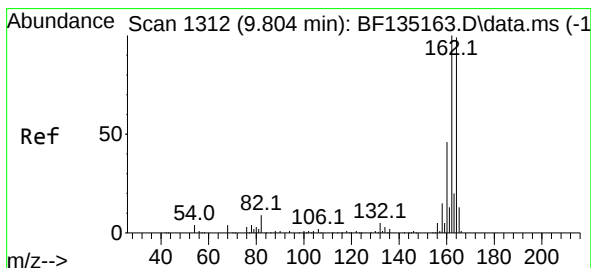
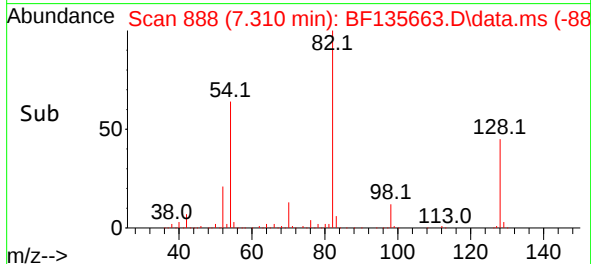
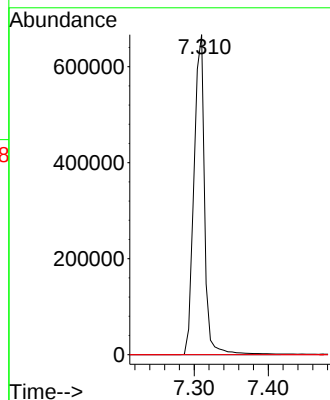
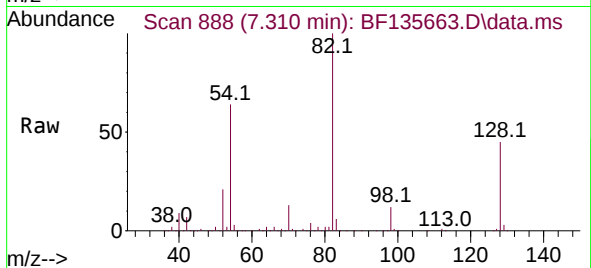




#25
Isophorone
Concen: 48.680 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF135663.D
Acq: 09 Oct 2023 21:41

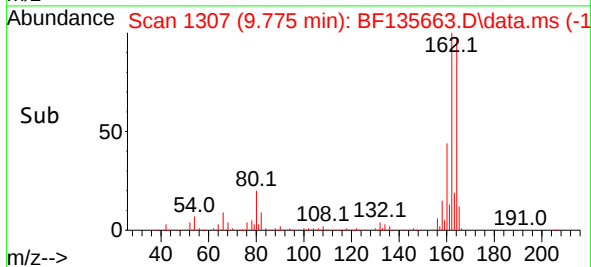
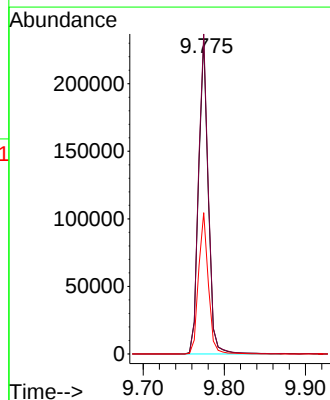
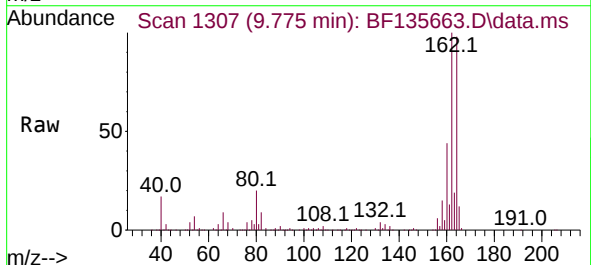
Instrument :
BNA_F
ClientSampleId :
MW-106S

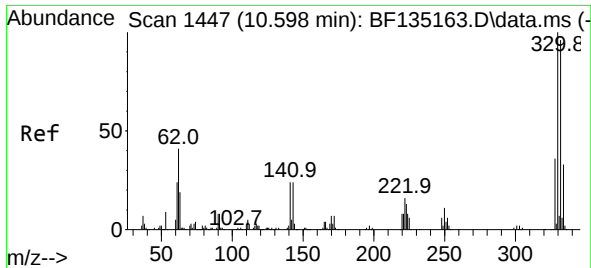
Tgt Ion: 82 Resp: 662005
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135663.D
Acq: 09 Oct 2023 21:41

Tgt Ion: 164 Resp: 193484
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 44.9 37.0 55.4

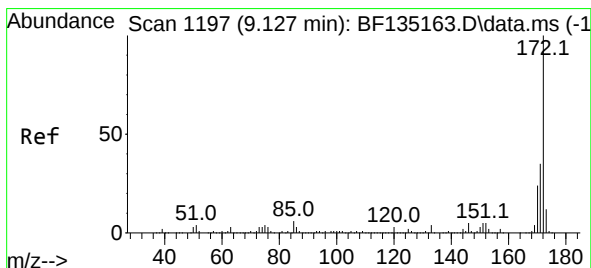
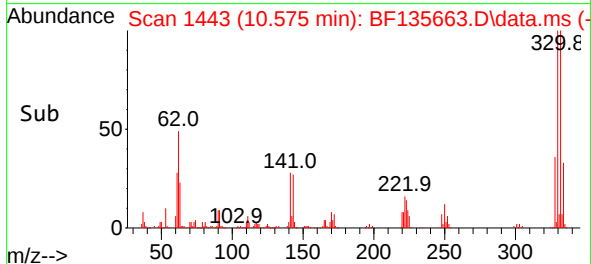
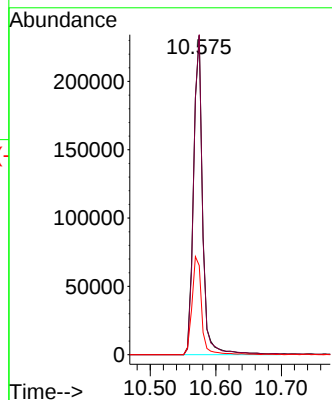
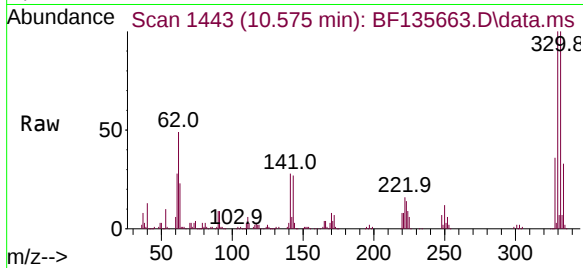




#42
2,4,6-Tribromophenol
Concen: 117.295 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135663.D
Acq: 09 Oct 2023 21:41

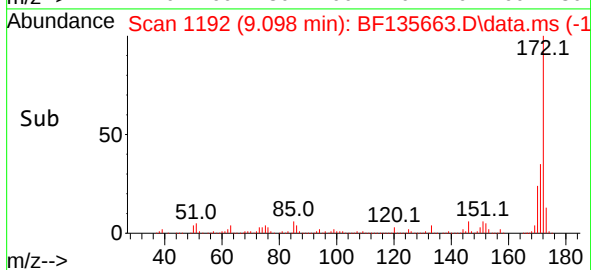
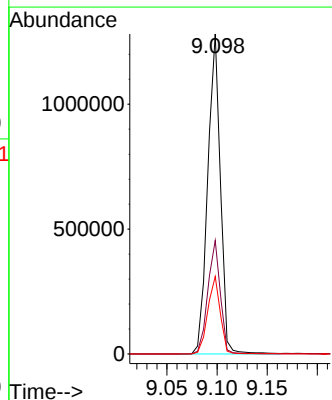
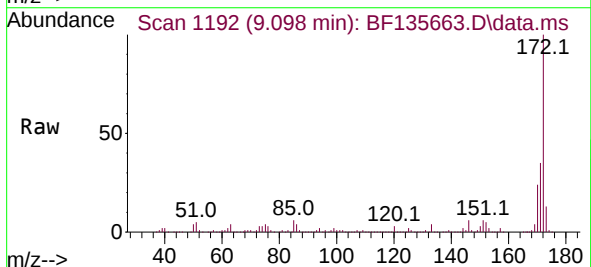
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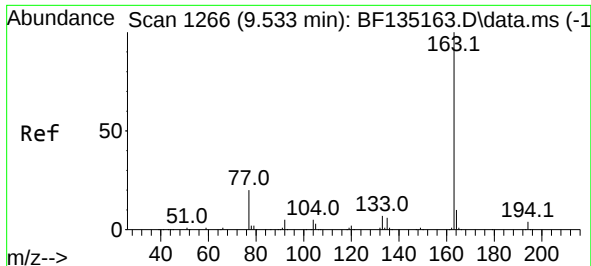
Tgt Ion: 330 Resp: 225531
Ion Ratio Lower Upper
330 100
332 98.6 77.3 115.9
141 32.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 88.310 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135663.D
Acq: 09 Oct 2023 21:41

Tgt Ion: 172 Resp: 1132515
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 24.2 19.0 28.4

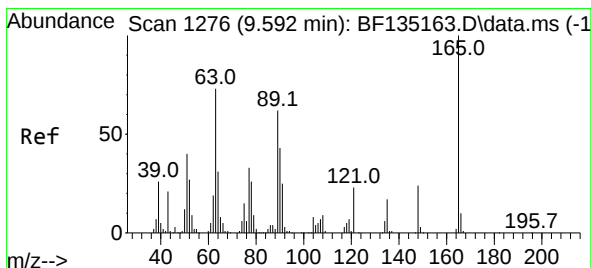
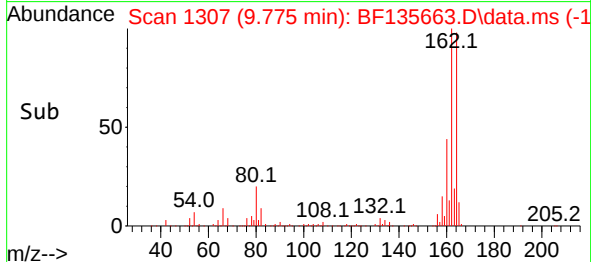
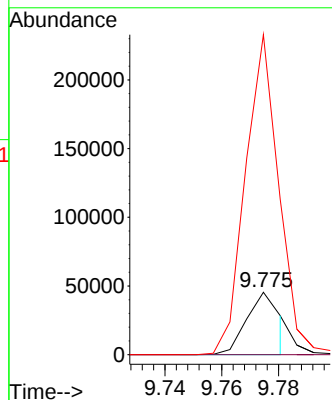
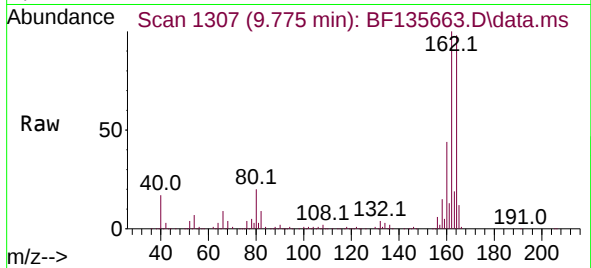




#50
Dimethylphthalate
Concen: 2.802 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.271 min
Lab File: BF135663.D
Acq: 09 Oct 2023 21:41

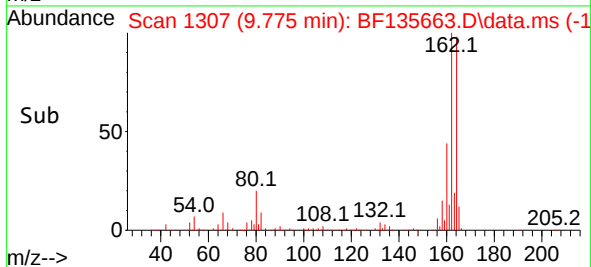
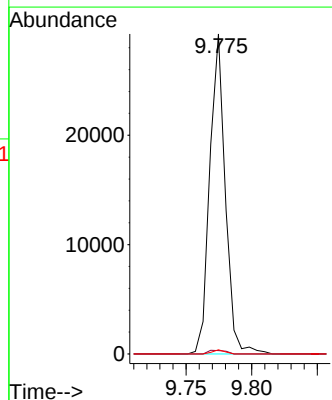
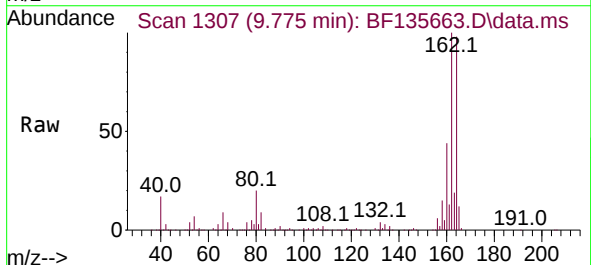
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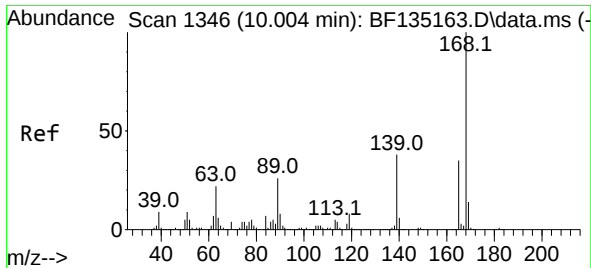
Tgt Ion:163 Resp: 36656
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 512.4 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.443 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF135663.D
Acq: 09 Oct 2023 21:41

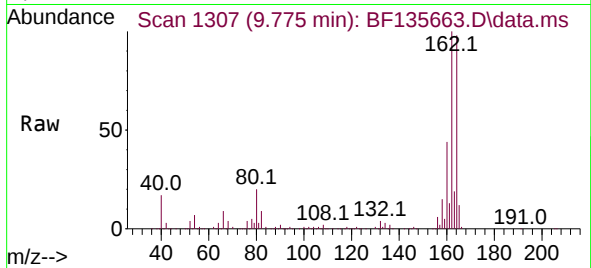
Tgt Ion:165 Resp: 24196
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 1.3 49.8 74.8#



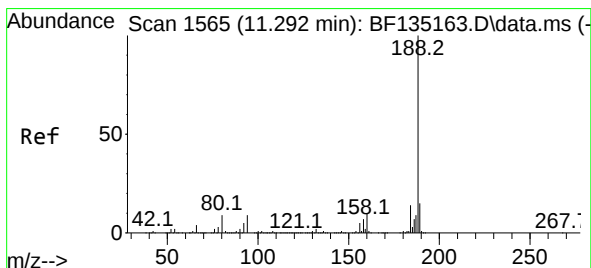
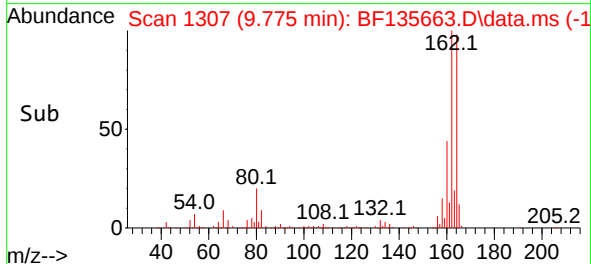
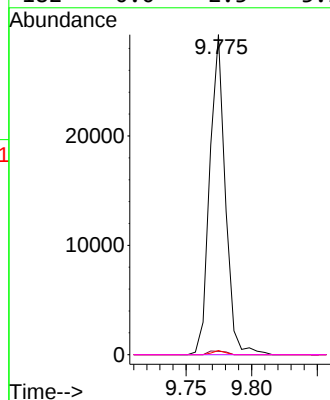


#57
2,4-Dinitrotoluene
Concen: 6.744 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135663.D
Acq: 09 Oct 2023 21:41

Instrument :
BNA_F
ClientSampleId :
MW-106S

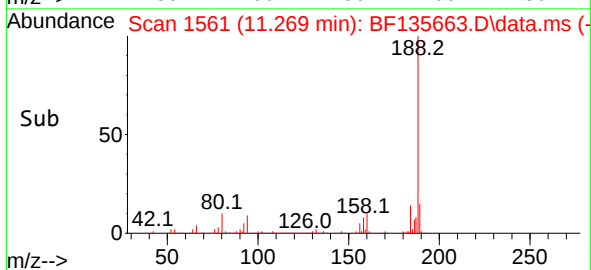
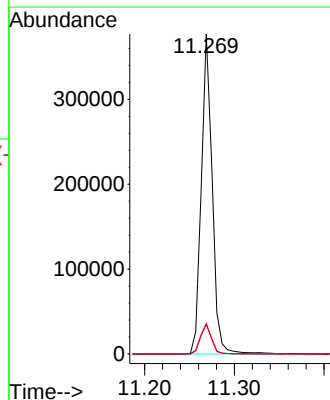
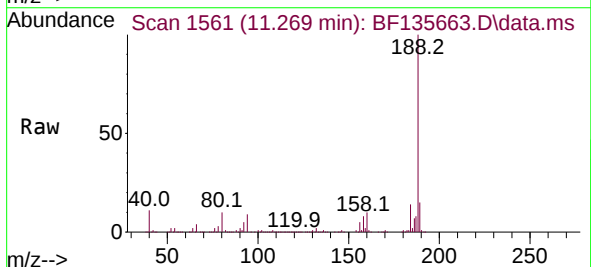


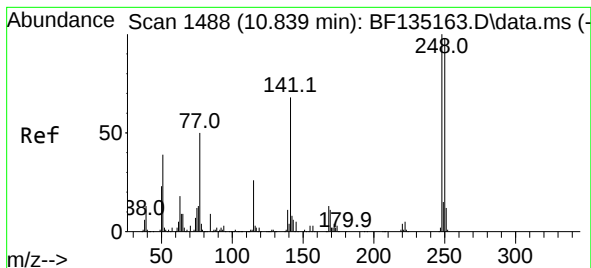
Tgt Ion:165 Resp: 24196
Ion Ratio Lower Upper
165 100
63 1.1 50.1 75.1#
89 1.3 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF135663.D
Acq: 09 Oct 2023 21:41

Tgt Ion:188 Resp: 318154
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.5 7.5 11.3

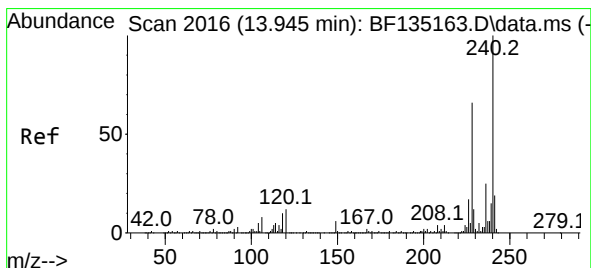
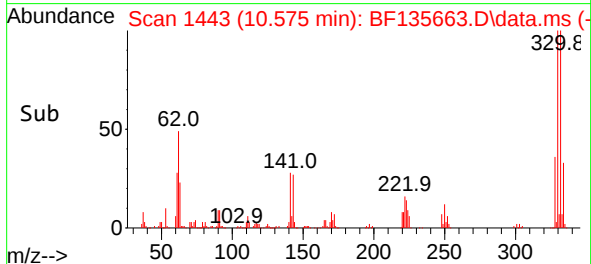
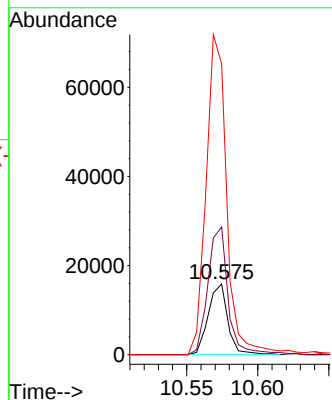
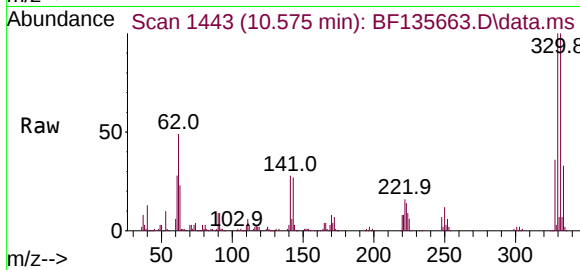




#67
4-Bromophenyl-phenylether
Concen: 4.820 ng
RT: 10.575 min Scan# 1488
Delta R.T. -0.235 min
Lab File: BF135663.D
Acq: 09 Oct 2023 21:41

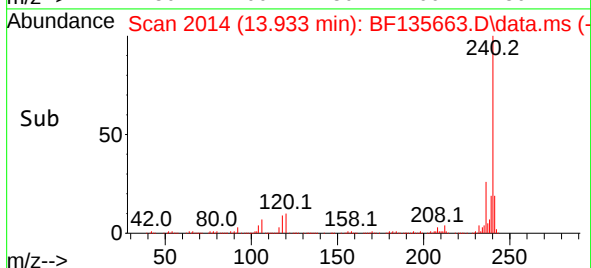
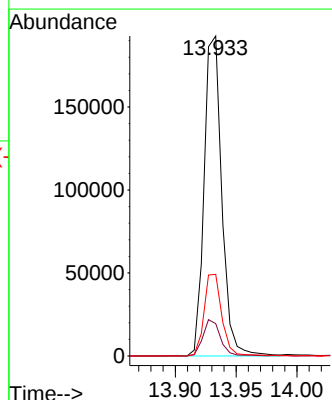
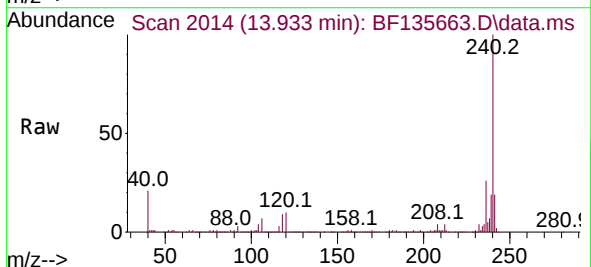
Instrument :
BNA_F
ClientSampleId :
MW-106S

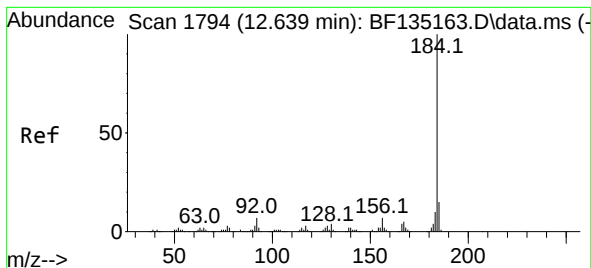
Tgt Ion:248 Resp: 15251
Ion Ratio Lower Upper
248 100
250 180.7 78.6 117.8#
141 411.3 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135663.D
Acq: 09 Oct 2023 21:41

Tgt Ion:240 Resp: 194769
Ion Ratio Lower Upper
240 100
120 10.1 9.4 14.2
236 25.5 19.8 29.8





#77

Benzidine

Concen: 2.792 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.253 min

Lab File: BF135663.D

Acq: 09 Oct 2023 21:41

Instrument :

BNA_F

ClientSampleId :

MW-106S

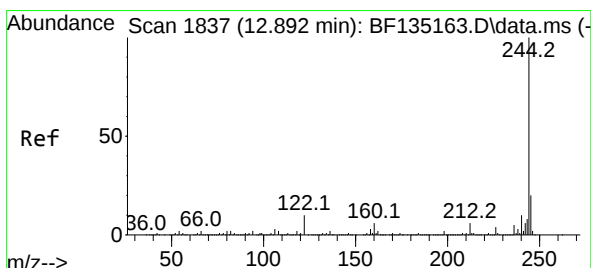
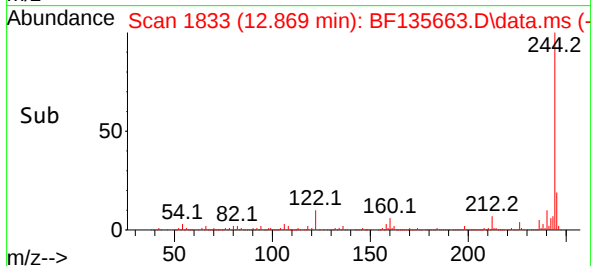
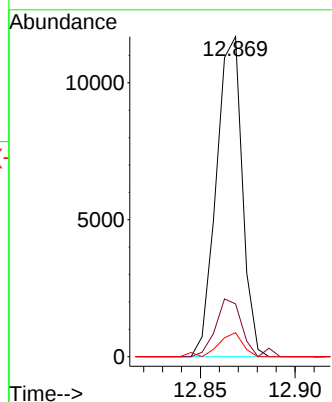
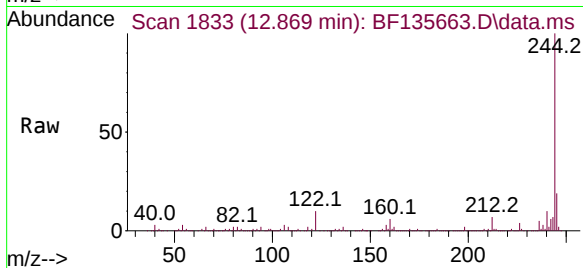
Tgt Ion:184 Resp: 11142

Ion Ratio Lower Upper

184 100

185 16.5 11.7 17.5

183 7.5 8.2 12.4#



#79

Terphenyl-d14

Concen: 70.331 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BF135663.D

Acq: 09 Oct 2023 21:41

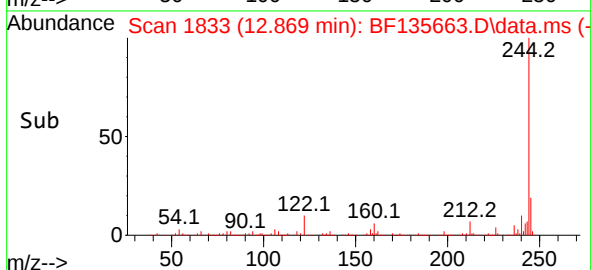
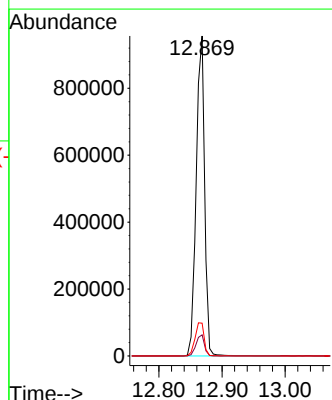
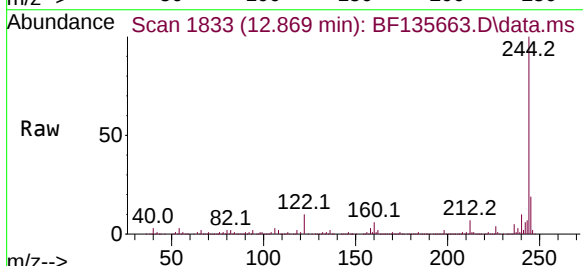
Tgt Ion:244 Resp: 883658

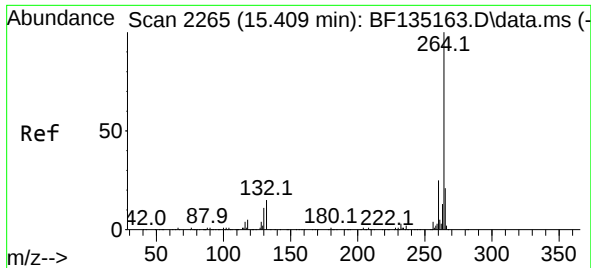
Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 10.2 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: BF135663.D
Acq: 09 Oct 2023 21:41

Instrument :
BNA_F
ClientSampleId :
MW-106S

Tgt Ion:264 Resp: 217143

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	21.0	17.0	25.4

