

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135558.D
 Acq On : 03 Oct 2023 23:58
 Operator : CG\JU
 Sample : 04627-25
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-13

Quant Time: Oct 04 07:14:48 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 06:58:43 2023
 Response via : Initial Calibration

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

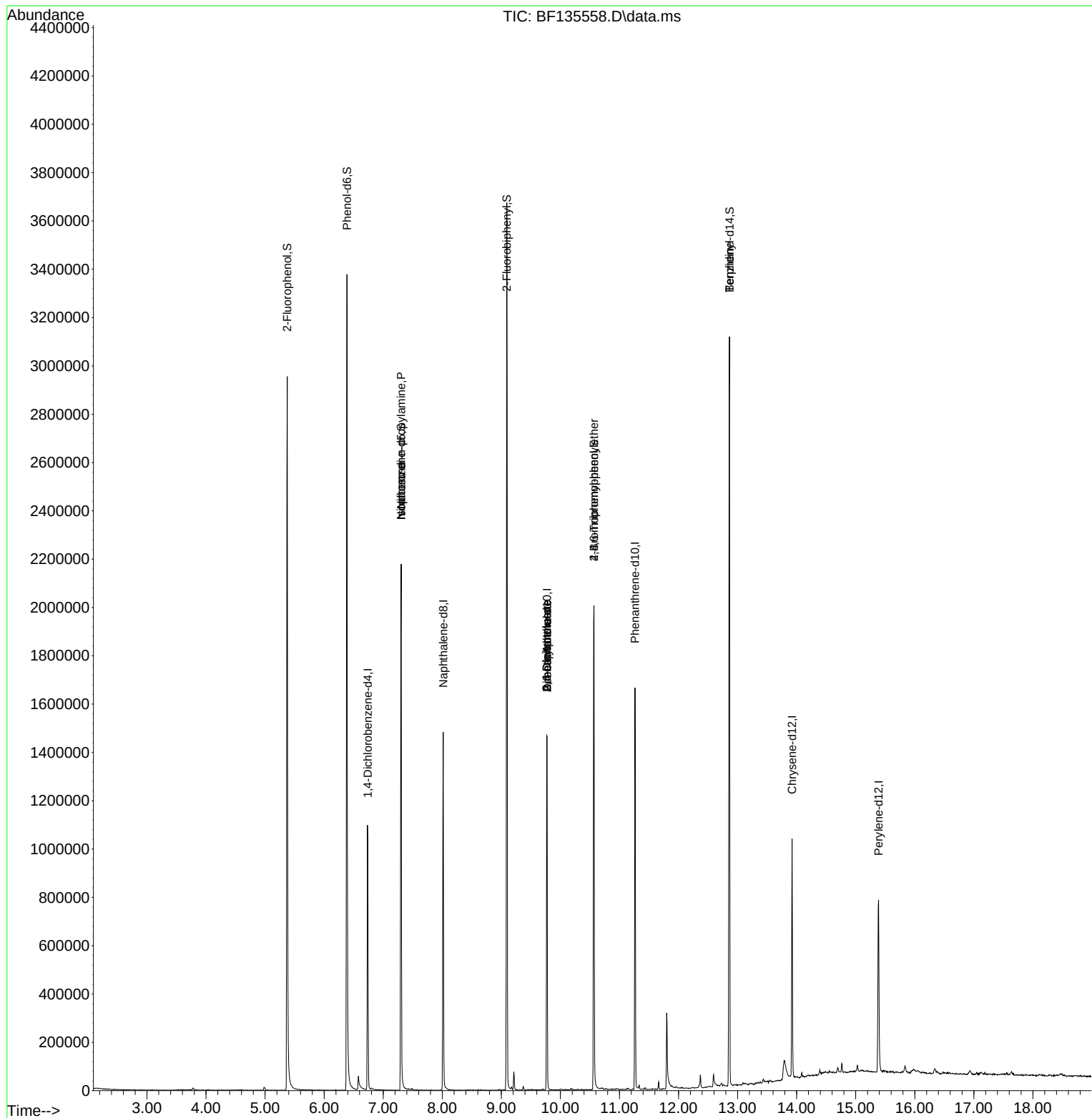
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	170174	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	643155	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	313221	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	600011	20.000	ng	# 0.00
76) Chrysene-d12	13.922	240	317351	20.000	ng	0.00
86) Perylene-d12	15.386	264	347018	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	859916	82.187	ng	0.00
7) Phenol-d6	6.387	99	1100482	82.717	ng	0.00
23) Nitrobenzene-d5	7.304	82	690946	58.366	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	245094	78.741	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1186191	57.136	ng	0.00
79) Terphenyl-d14	12.863	244	1157516	56.542	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	90552	10.988	ng	# 78
25) Isophorone	7.304	82	690938	31.785	ng	# 65
50) Dimethylphthalate	9.775	163	63749	3.010	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	39597	8.535	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	39597	6.818	ng	# 19
67) 4-Bromophenyl-phenylether	10.569	248	15574	2.610	ng	# 1
77) Benzidine	12.863	184	13951	2.146	ng	# 90

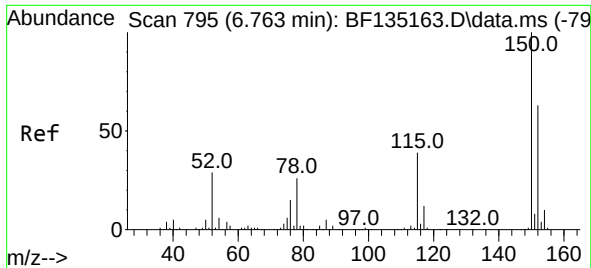
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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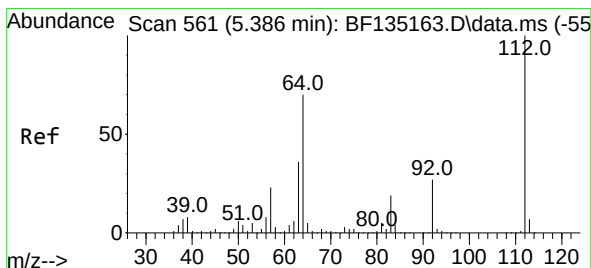
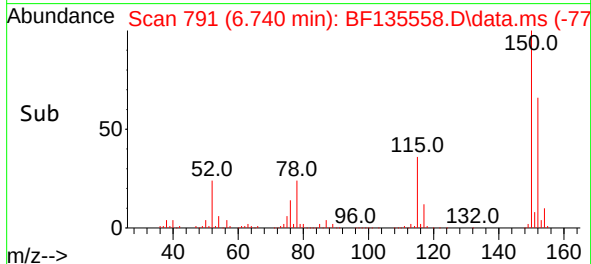
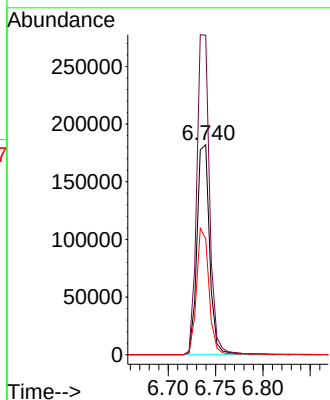
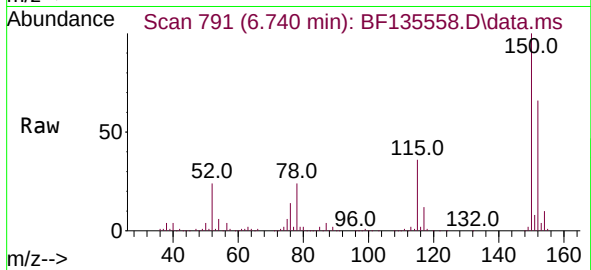




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135558.D
Acq: 03 Oct 2023 23:58

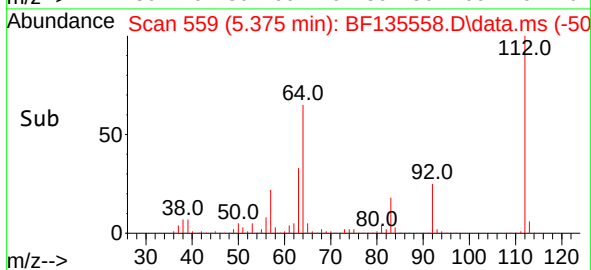
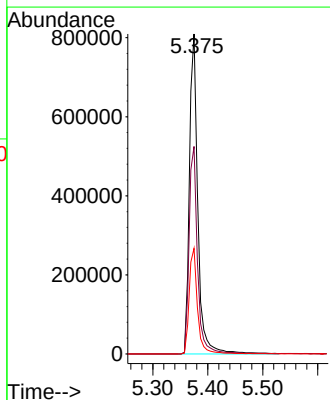
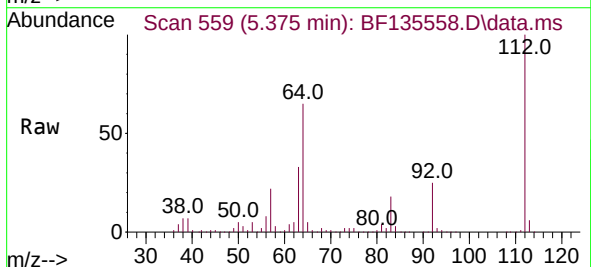
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-13

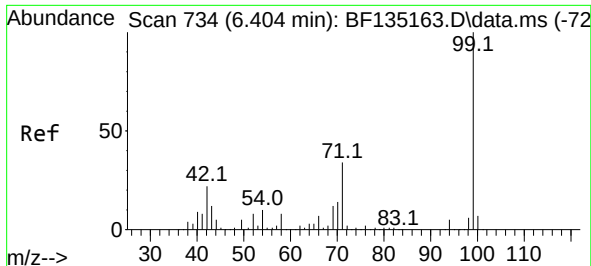
Tgt Ion:152 Resp: 170174
Ion Ratio Lower Upper
152 100
150 152.1 127.8 191.6
115 55.2 49.8 74.8



#5
2-Fluorophenol
Concen: 82.187 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135558.D
Acq: 03 Oct 2023 23:58

Tgt Ion:112 Resp: 859916
Ion Ratio Lower Upper
112 100
64 64.9 55.9 83.9
63 33.0 29.0 43.6





#7

Phenol-d6

Concen: 82.717 ng

RT: 6.387 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135558.D

Acq: 03 Oct 2023 23:58

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-13

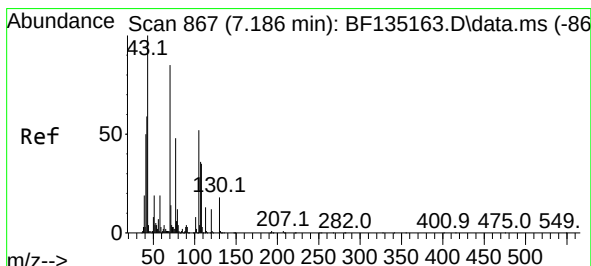
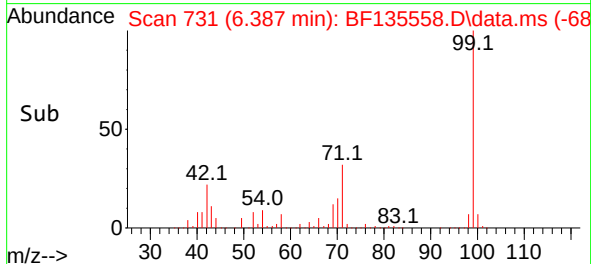
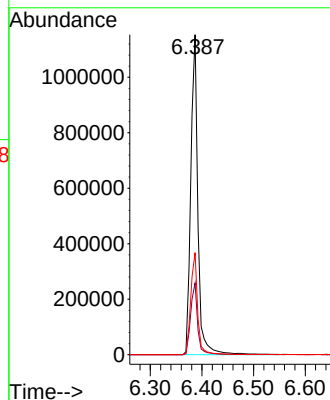
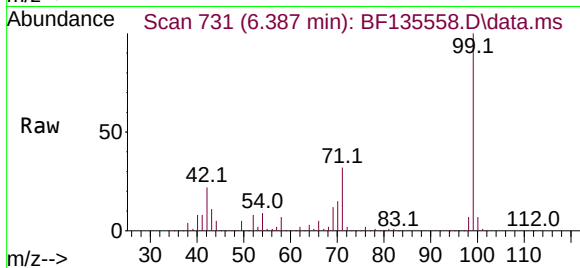
Tgt Ion: 99 Resp: 1100482

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

71 31.9 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 10.988 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.147 min

Lab File: BF135558.D

Acq: 03 Oct 2023 23:58

Tgt Ion: 70 Resp: 90552

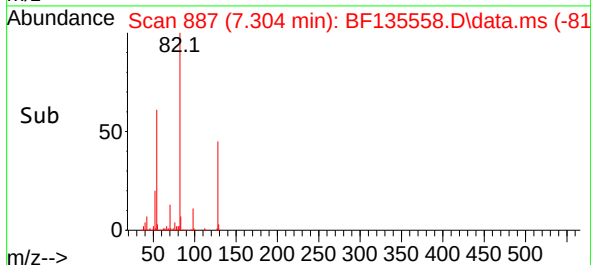
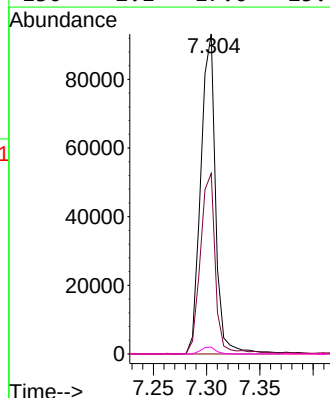
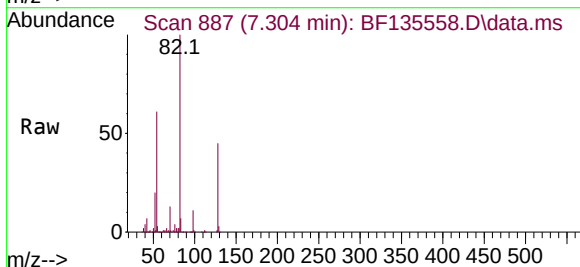
Ion Ratio Lower Upper

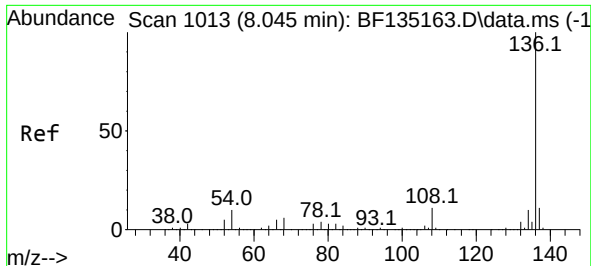
70 100

42 56.4 55.4 83.0

101 0.0 7.7 11.5#

130 2.1 17.0 25.6#

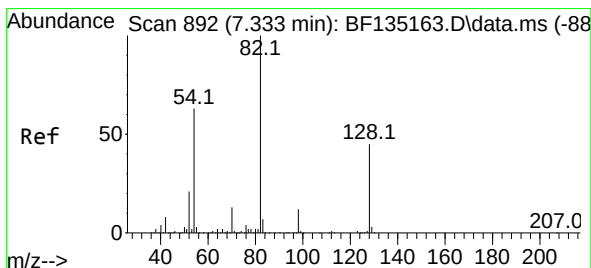
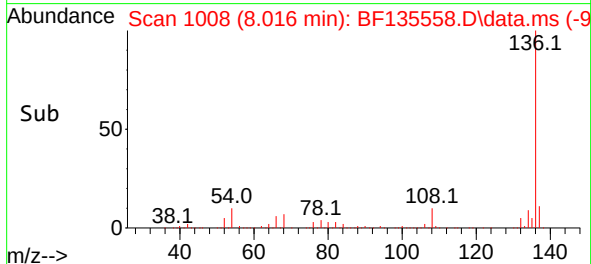
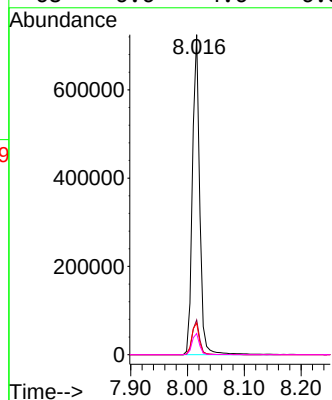
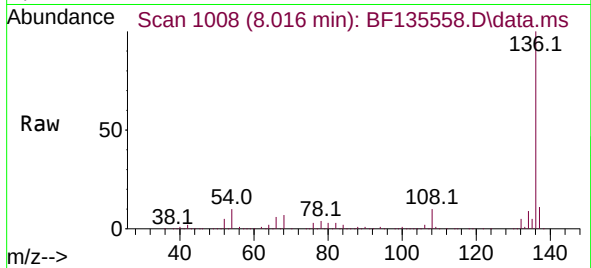




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135558.D
Acq: 03 Oct 2023 23:58

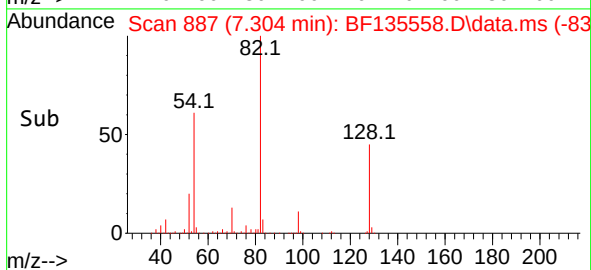
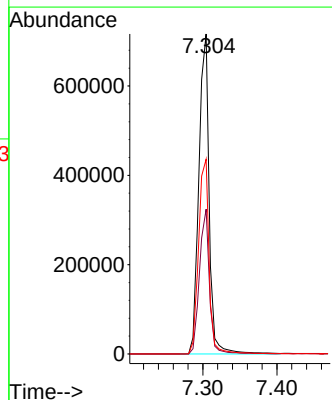
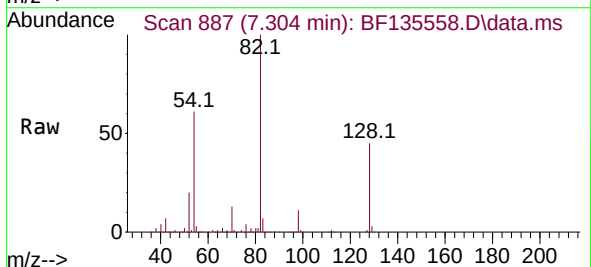
Instrument :
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280-300FB-BACKFILL-13

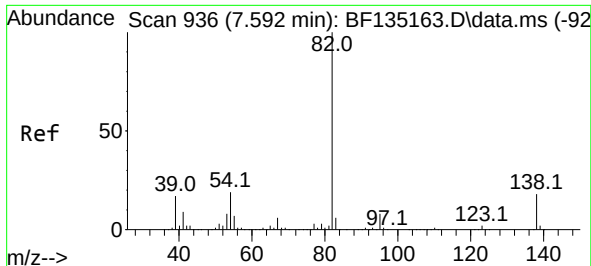
Tgt Ion:136 Resp: 643155
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.9 7.7 11.5
68 6.6 4.6 6.8



#23
Nitrobenzene-d5
Concen: 58.366 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135558.D
Acq: 03 Oct 2023 23:58

Tgt Ion: 82 Resp: 690946
Ion Ratio Lower Upper
82 100
128 45.3 35.8 53.6
54 60.9 50.6 76.0

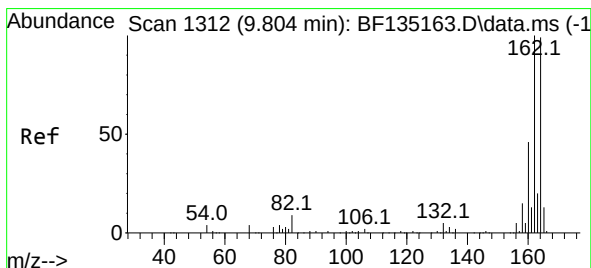
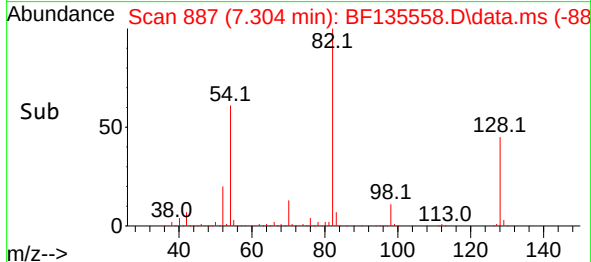
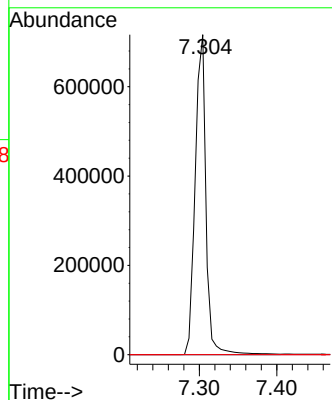
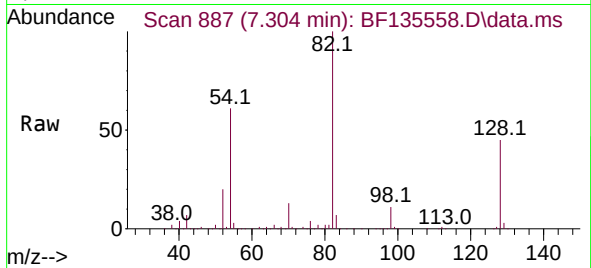




#25
Isophorone
Concen: 31.785 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135558.D
Acq: 03 Oct 2023 23:58

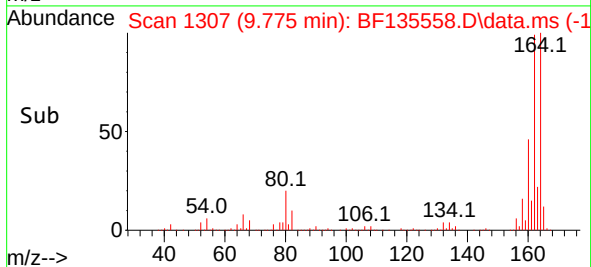
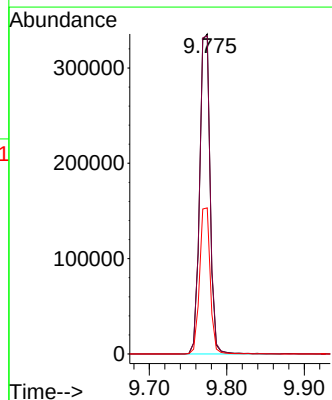
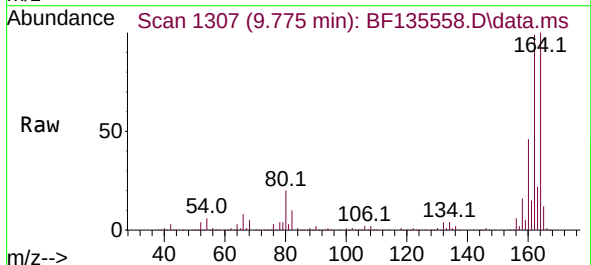
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-13

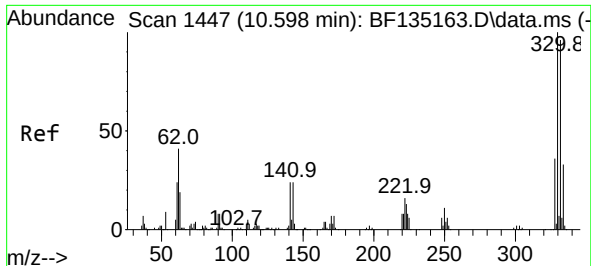
Tgt Ion: 82 Resp: 690938
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135558.D
Acq: 03 Oct 2023 23:58

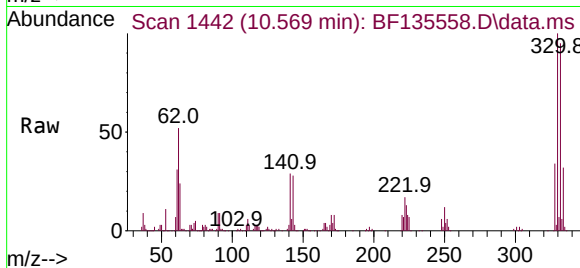
Tgt Ion: 164 Resp: 313221
Ion Ratio Lower Upper
164 100
162 99.4 81.0 121.4
160 45.6 37.0 55.4



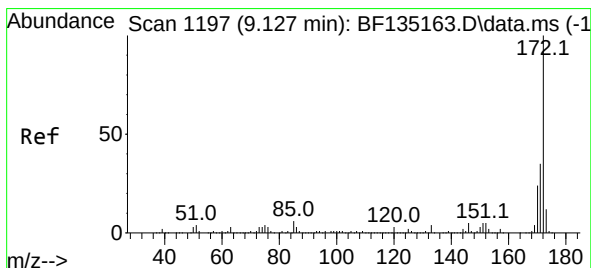
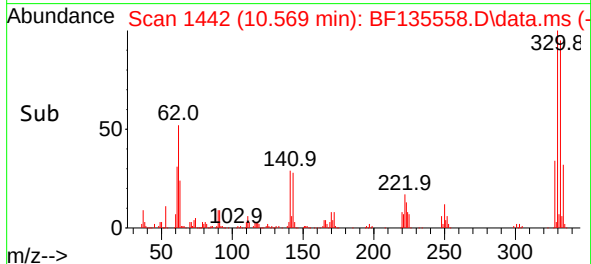
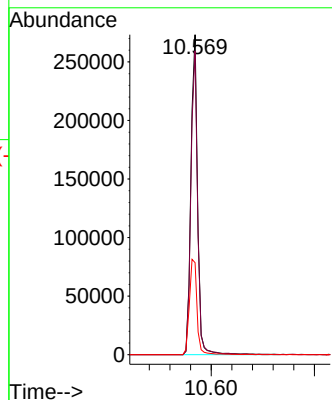


#42
2,4,6-Tribromophenol
Concen: 78.741 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135558.D
Acq: 03 Oct 2023 23:58

Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-13

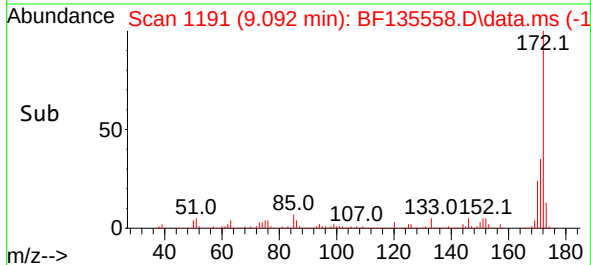
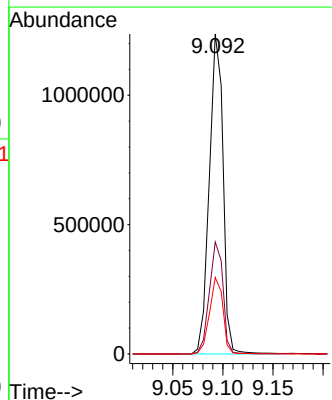
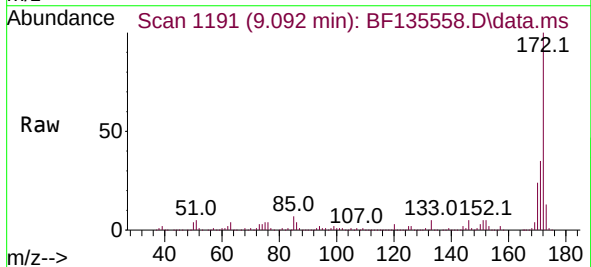


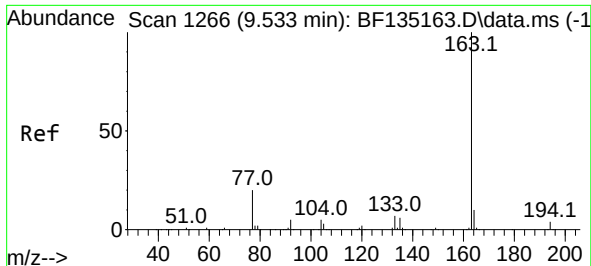
Tgt Ion:330 Resp: 245094
Ion Ratio Lower Upper
330 100
332 94.3 77.3 115.9
141 34.0 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 57.136 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135558.D
Acq: 03 Oct 2023 23:58

Tgt Ion:172 Resp: 1186191
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.9 19.0 28.4

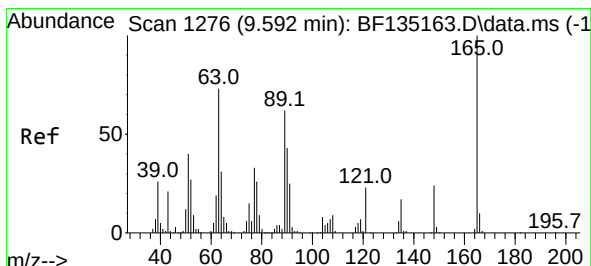
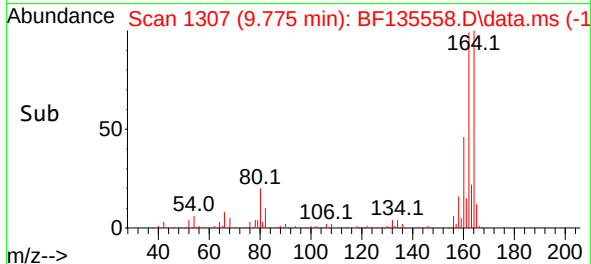
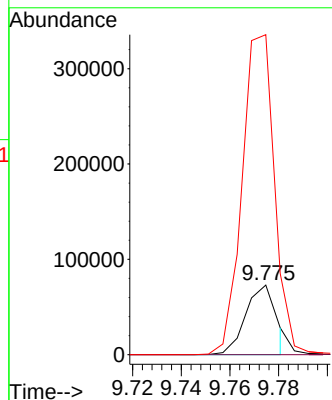
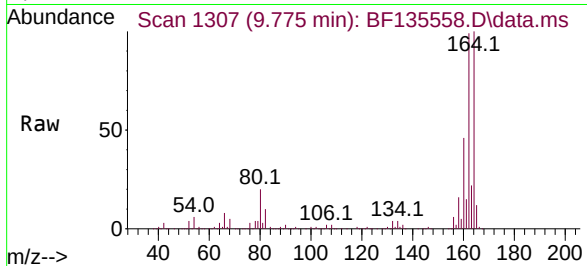




#50
Dimethylphthalate
Concen: 3.010 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.271 min
Lab File: BF135558.D
Acq: 03 Oct 2023 23:58

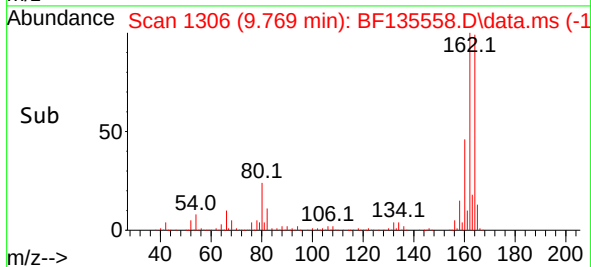
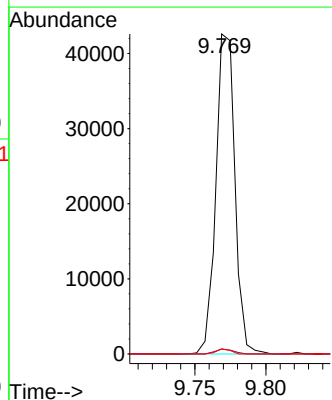
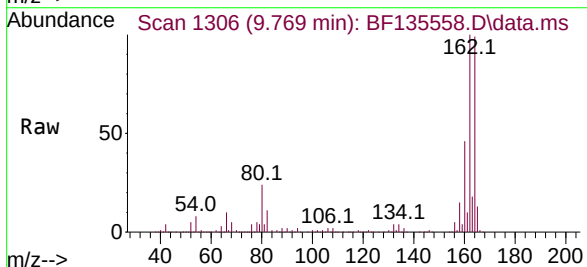
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-13

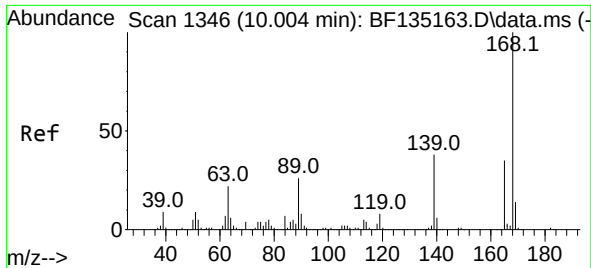
Tgt Ion:163 Resp: 63749
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 460.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.535 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.194 min
Lab File: BF135558.D
Acq: 03 Oct 2023 23:58

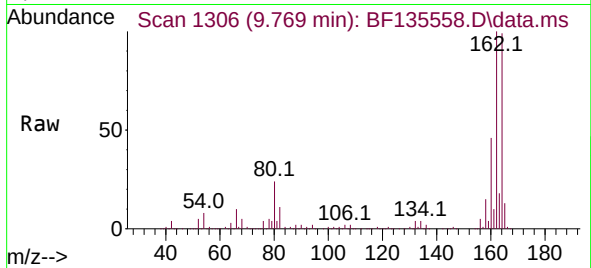
Tgt Ion:165 Resp: 39597
Ion Ratio Lower Upper
165 100
63 1.5 59.4 89.2#
89 1.6 49.8 74.8#



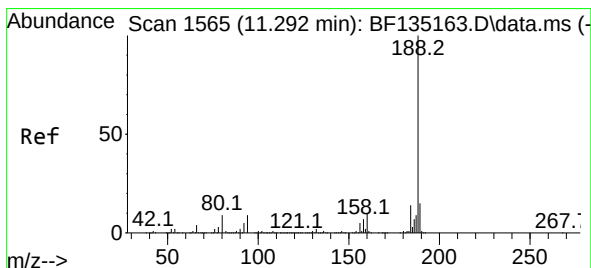
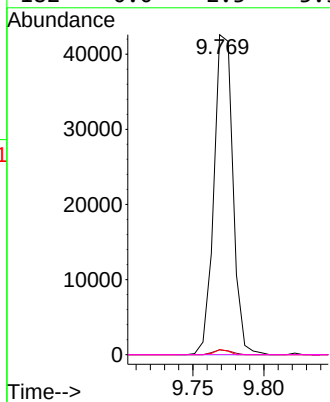
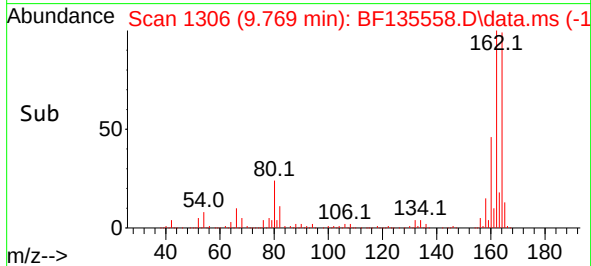


#57
2,4-Dinitrotoluene
Concen: 6.818 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135558.D
Acq: 03 Oct 2023 23:58

Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-13

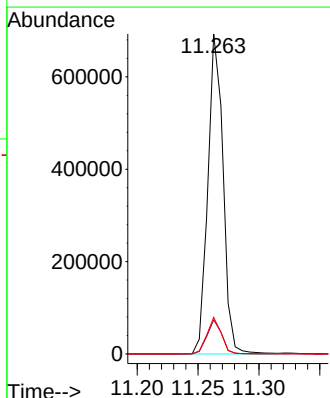
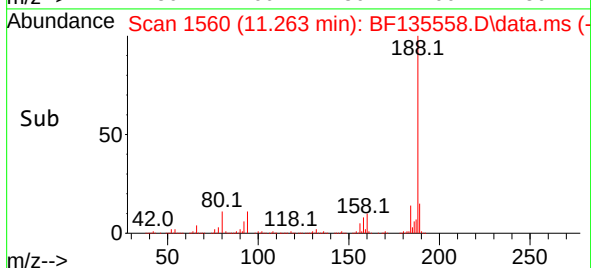
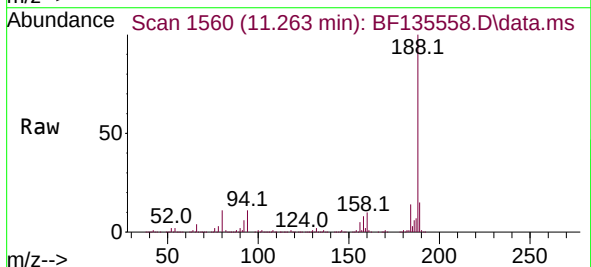


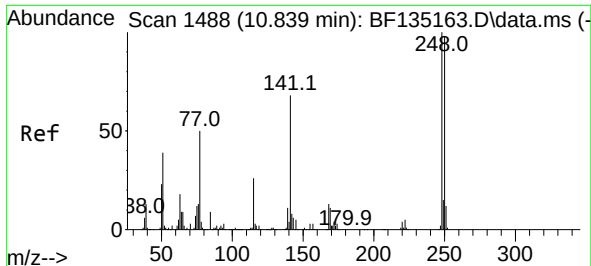
Tgt Ion:165 Resp: 39597
Ion Ratio Lower Upper
165 100
63 1.5 50.1 75.1#
89 1.6 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF135558.D
Acq: 03 Oct 2023 23:58

Tgt Ion:188 Resp: 600011
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6#
80 11.5 7.5 11.3#

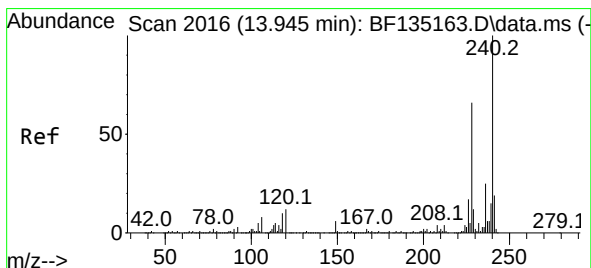
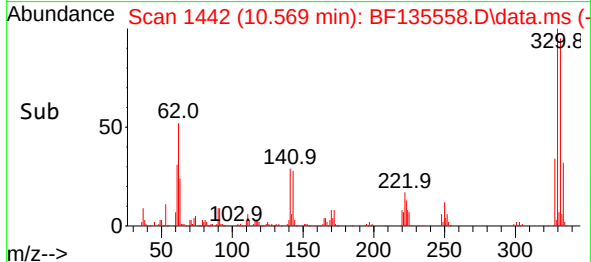
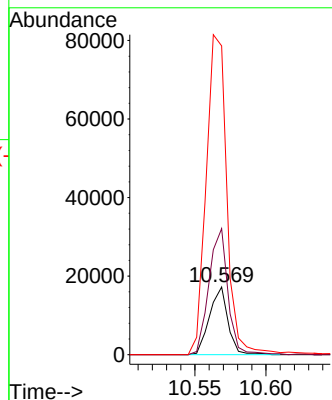
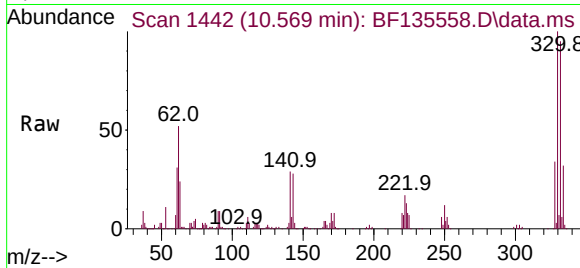




#67
4-Bromophenyl-phenylether
Concen: 2.610 ng
RT: 10.569 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135558.D
Acq: 03 Oct 2023 23:58

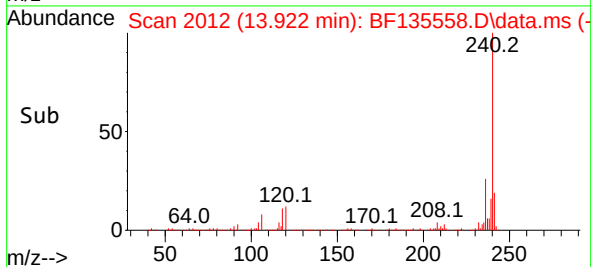
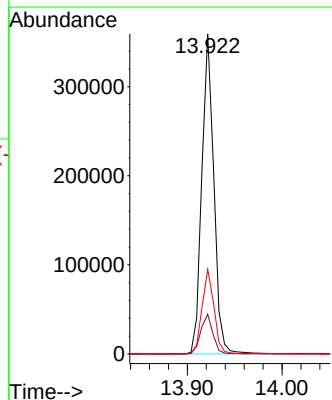
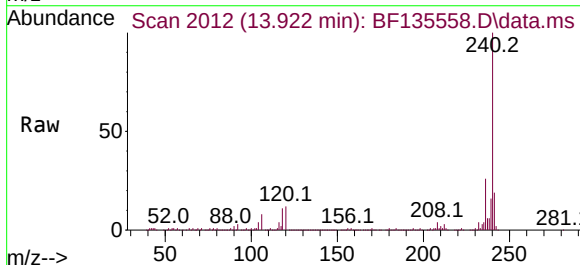
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-13

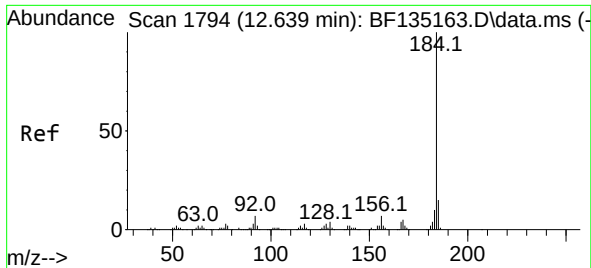
Tgt Ion:248 Resp: 15574
Ion Ratio Lower Upper
248 100
250 186.3 78.6 117.8#
141 456.3 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.922 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF135558.D
Acq: 03 Oct 2023 23:58

Tgt Ion:240 Resp: 317351
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.2
236 26.4 19.8 29.8

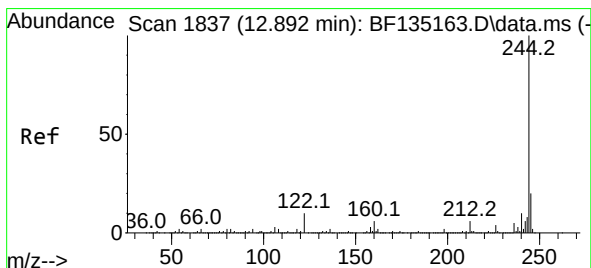
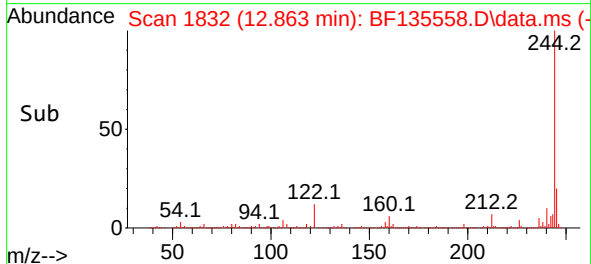
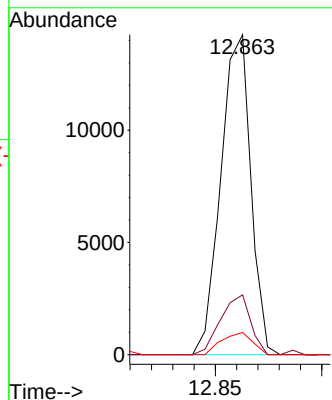
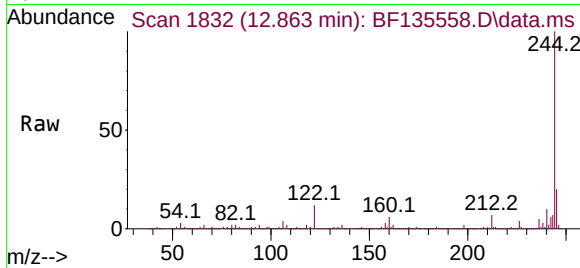




#77
Benzidine
Concen: 2.146 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.247 min
Lab File: BF135558.D
Acq: 03 Oct 2023 23:58

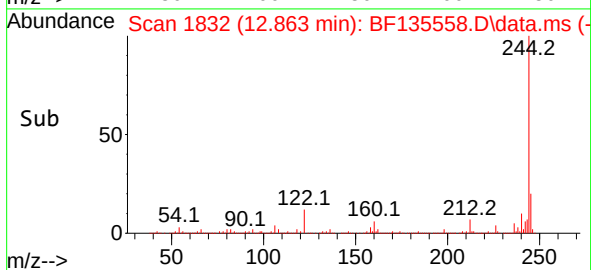
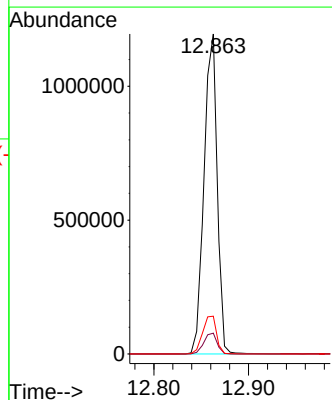
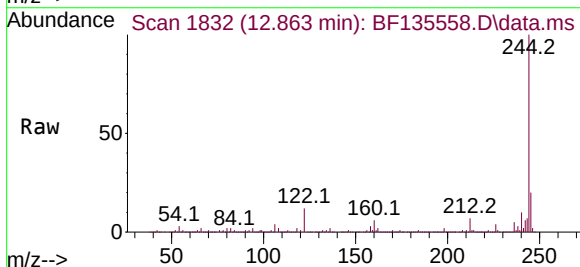
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-13

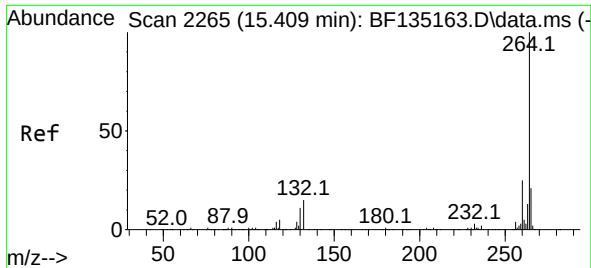
Tgt Ion:184 Resp: 13951
Ion Ratio Lower Upper
184 100
185 18.7 11.7 17.5#
183 7.0 8.2 12.4#



#79
Terphenyl-d14
Concen: 56.542 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF135558.D
Acq: 03 Oct 2023 23:58

Tgt Ion:244 Resp: 1157516
Ion Ratio Lower Upper
244 100
212 6.5 5.1 7.7
122 11.8 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF135558.D
 Acq: 03 Oct 2023 23:58

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-13

Tgt Ion:264 Resp: 347018
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.8 29.6
 265 22.1 17.0 25.4

