

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135555.D
 Acq On : 03 Oct 2023 22:23
 Operator : CG\JU
 Sample : 04627-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-10

Quant Time: Oct 04 07:13:50 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)

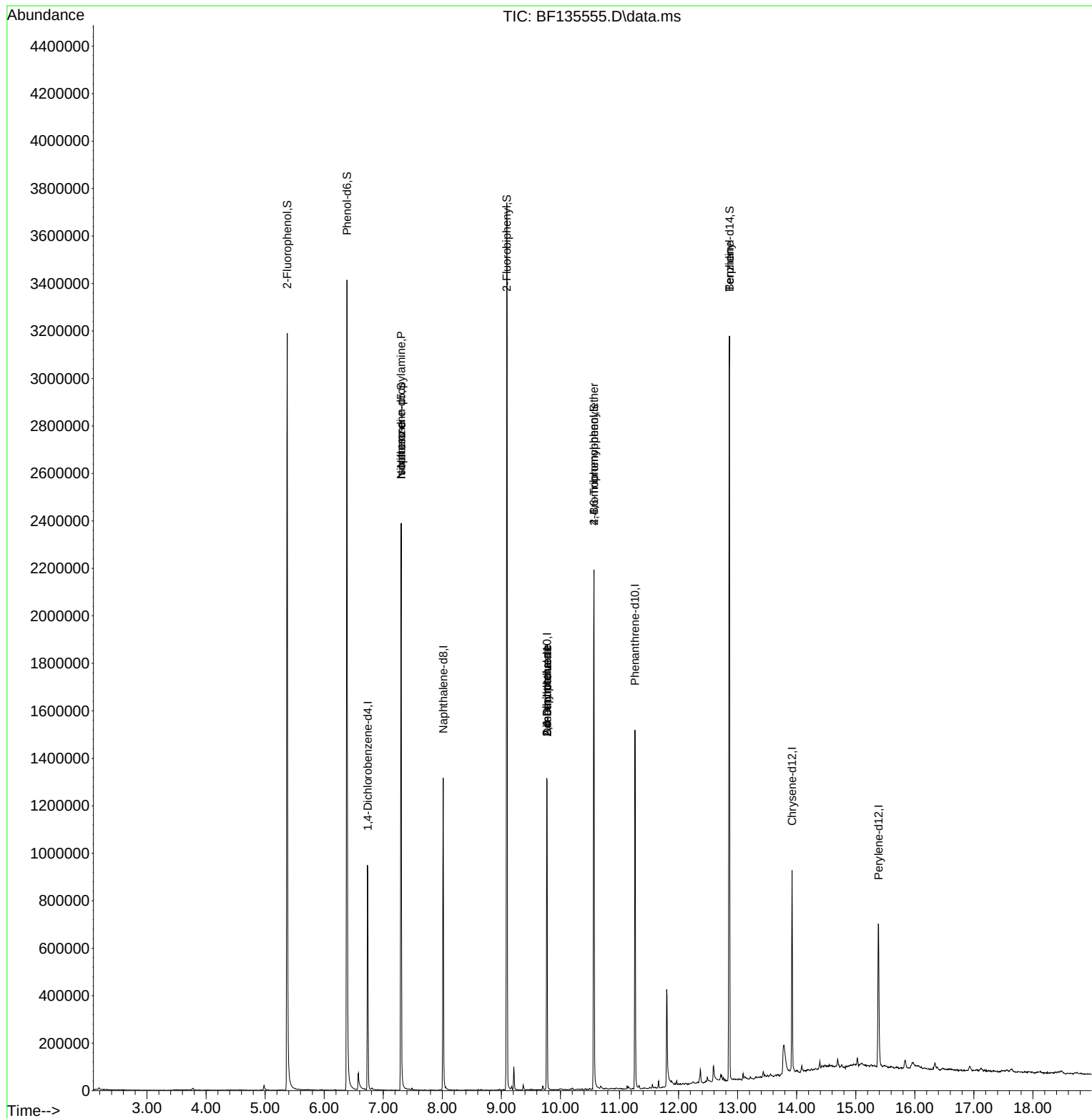
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	144741	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	560975	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	279262	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	528241	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	278372	20.000	ng	0.00
86) Perylene-d12	15.386	264	296032	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	918990	103.266	ng	0.00
7) Phenol-d6	6.386	99	1146637	101.330	ng	0.00
23) Nitrobenzene-d5	7.304	82	711011	68.860	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	256397	92.389	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1227792	66.332	ng	0.00
79) Terphenyl-d14	12.863	244	1188743	66.198	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	93048	13.275	ng	# 80
25) Isophorone	7.304	82	711005	37.500	ng	# 65
50) Dimethylphthalate	9.774	163	56564	2.996	ng	# 1
51) 2,6-Dinitrotoluene	9.774	165	37196	8.993	ng	# 17
57) 2,4-Dinitrotoluene	9.774	165	37196	7.183	ng	# 18
67) 4-Bromophenyl-phenylether	10.569	248	16390	3.120	ng	# 1
77) Benzidine	12.863	184	15350	2.692	ng	# 92

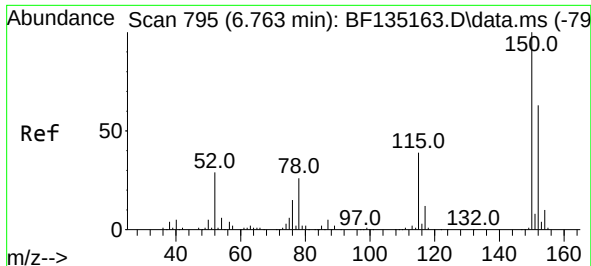
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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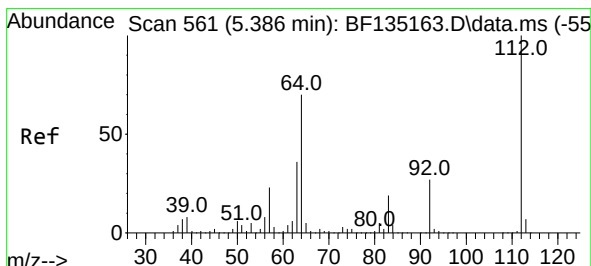
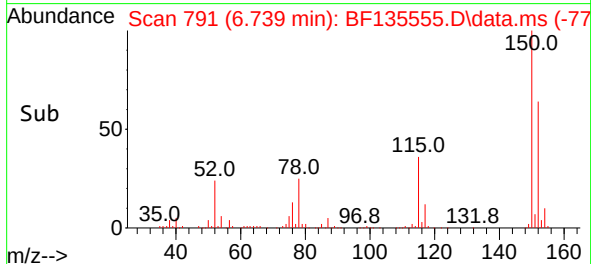
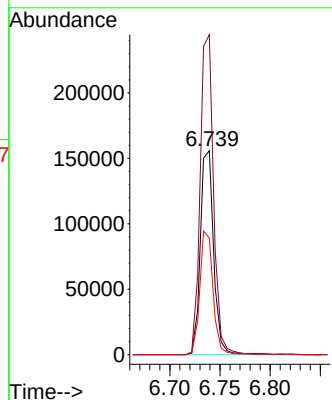
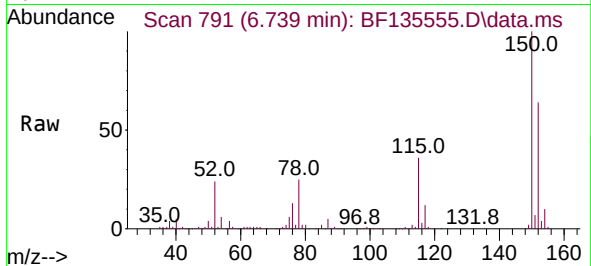




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135555.D
Acq: 03 Oct 2023 22:23

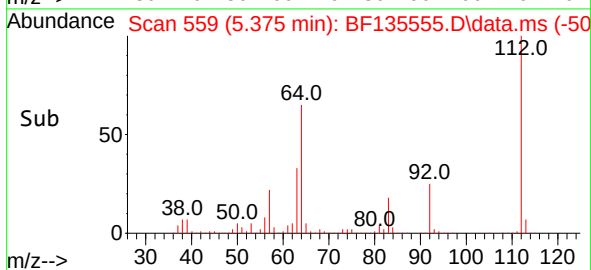
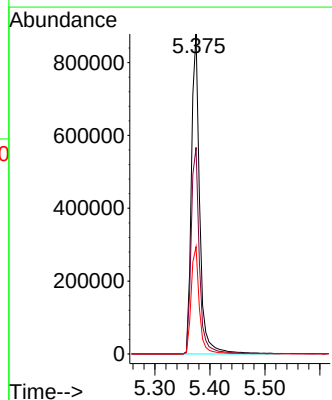
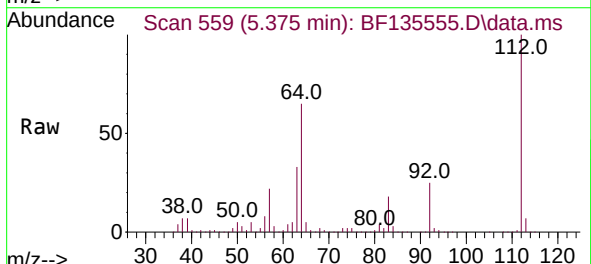
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-10

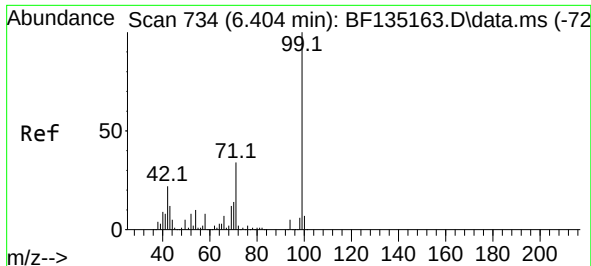
Tgt Ion:152 Resp: 144741
Ion Ratio Lower Upper
152 100
150 156.9 127.8 191.6
115 57.2 49.8 74.8



#5
2-Fluorophenol
Concen: 103.266 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135555.D
Acq: 03 Oct 2023 22:23

Tgt Ion:112 Resp: 918990
Ion Ratio Lower Upper
112 100
64 64.5 55.9 83.9
63 33.5 29.0 43.6





#7

Phenol-d6

Concen: 101.330 ng

RT: 6.386 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135555.D

Acq: 03 Oct 2023 22:23

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-10

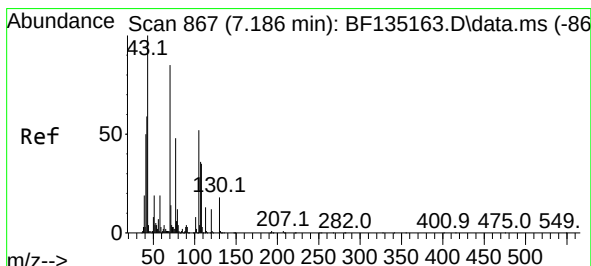
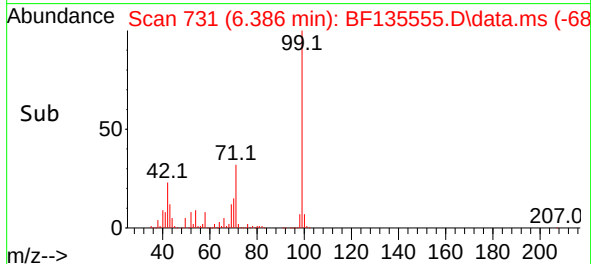
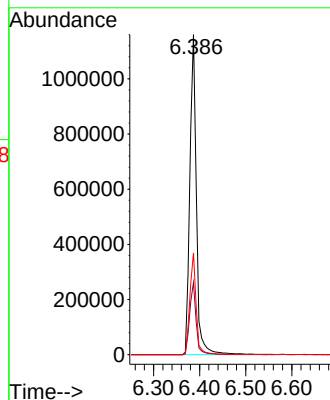
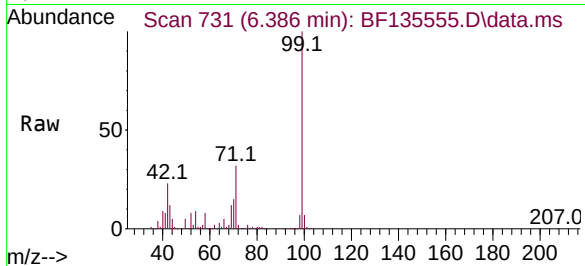
Tgt Ion: 99 Resp: 1146637

Ion Ratio Lower Upper

99 100

42 22.6 17.9 26.9

71 31.8 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.275 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.147 min

Lab File: BF135555.D

Acq: 03 Oct 2023 22:23

Tgt Ion: 70 Resp: 93048

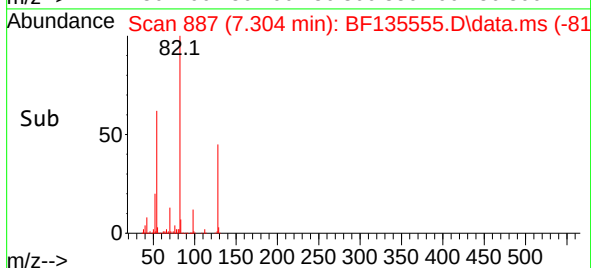
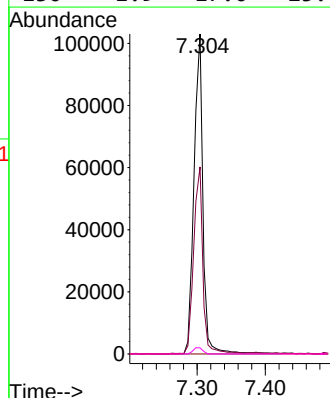
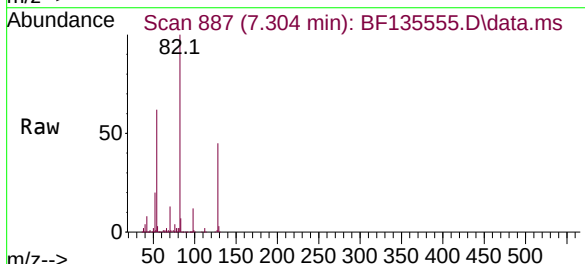
Ion Ratio Lower Upper

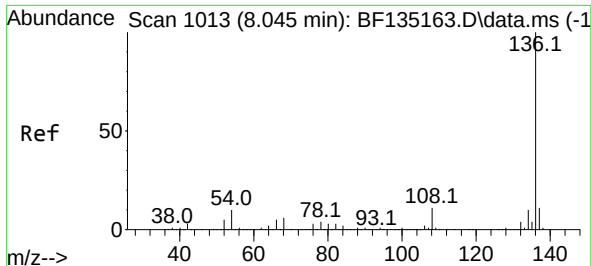
70 100

42 58.5 55.4 83.0

101 0.0 7.7 11.5#

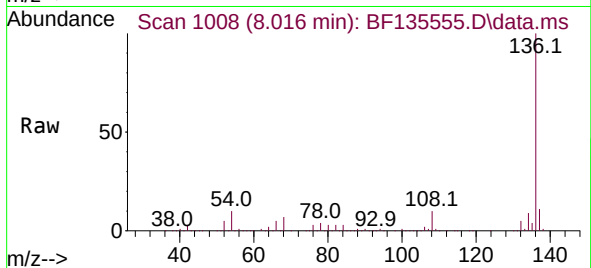
130 1.9 17.0 25.6#



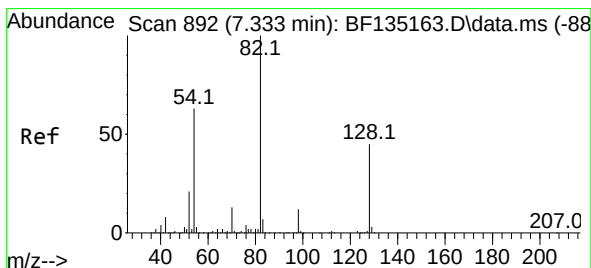
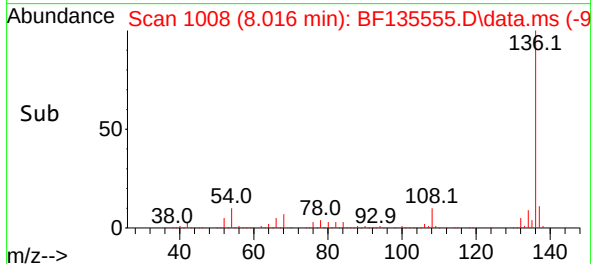
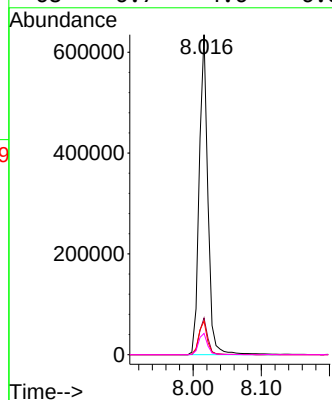


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135555.D
Acq: 03 Oct 2023 22:23

Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-10

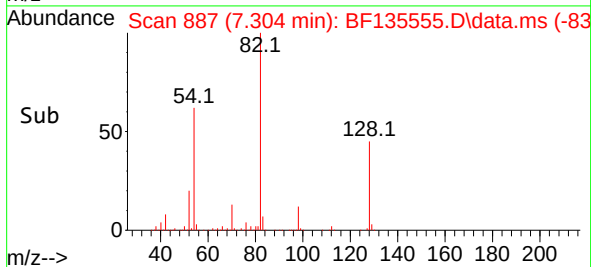
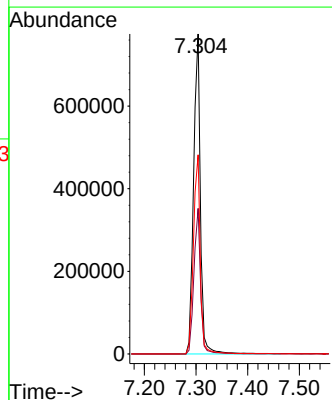
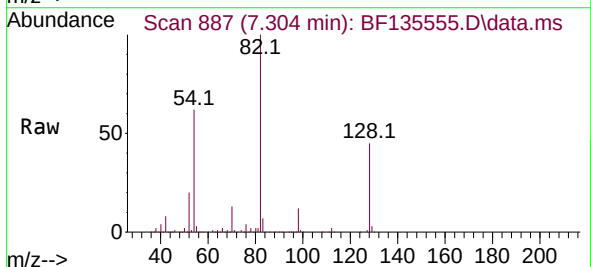


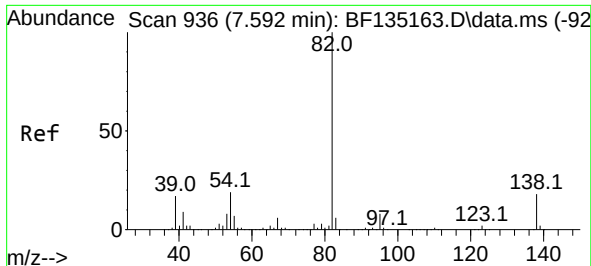
Tgt Ion:136 Resp: 560975
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 10.5 7.7 11.5
68 6.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 68.860 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135555.D
Acq: 03 Oct 2023 22:23

Tgt Ion: 82 Resp: 711011
Ion Ratio Lower Upper
82 100
128 45.5 35.8 53.6
54 62.3 50.6 76.0

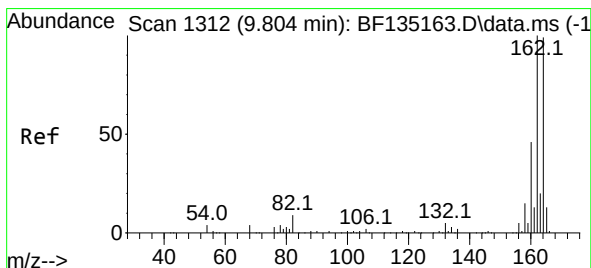
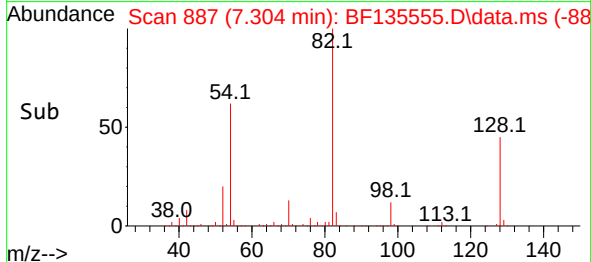
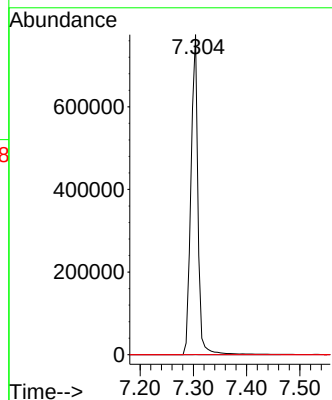
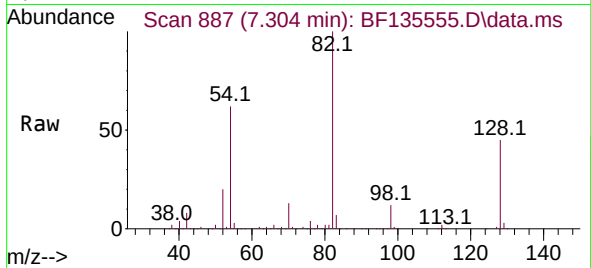




#25
Isophorone
Concen: 37.500 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135555.D
Acq: 03 Oct 2023 22:23

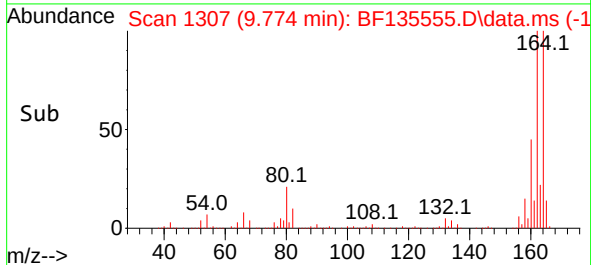
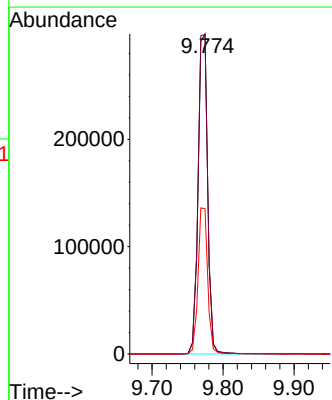
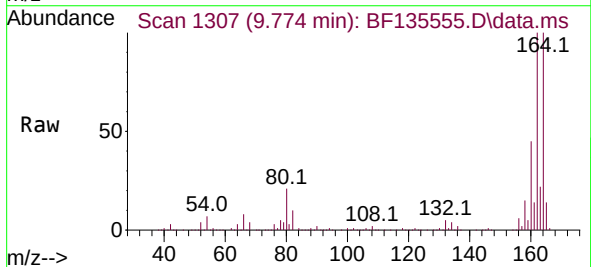
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-10

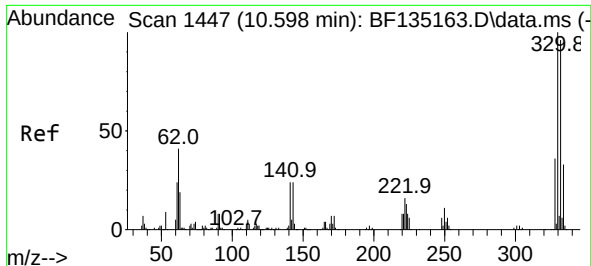
Tgt Ion: 82 Resp: 711005
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF135555.D
Acq: 03 Oct 2023 22:23

Tgt Ion: 164 Resp: 279262
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.4
160 45.4 37.0 55.4

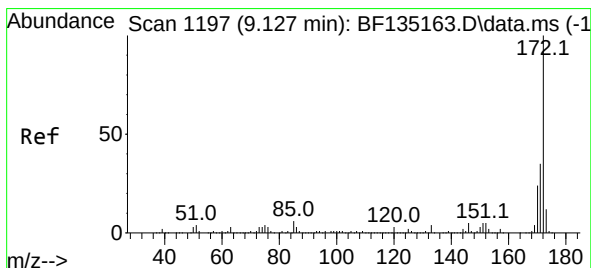
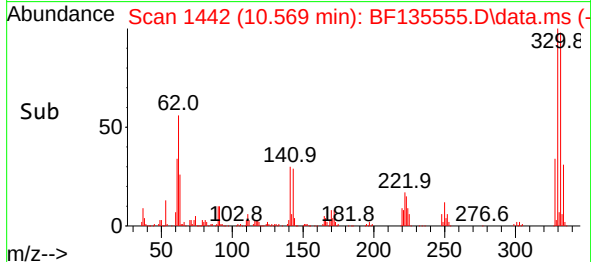
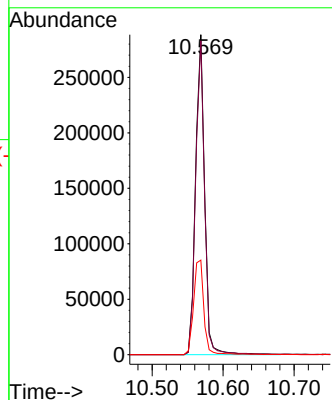
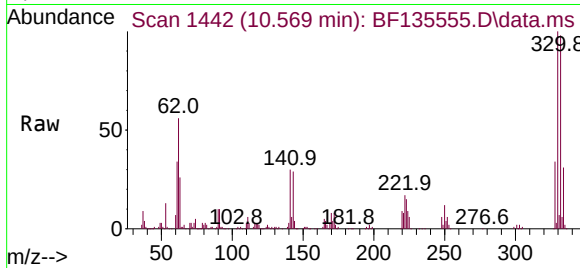




#42
 2,4,6-Tribromophenol
 Concen: 92.389 ng
 RT: 10.569 min Scan# 1442
 Delta R.T. -0.000 min
 Lab File: BF135555.D
 Acq: 03 Oct 2023 22:23

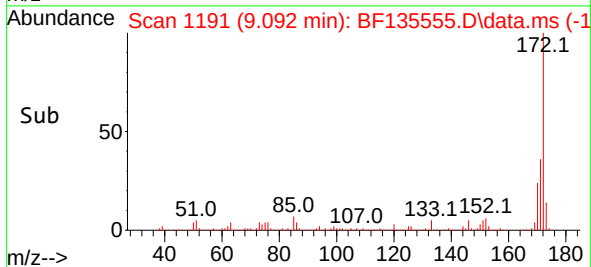
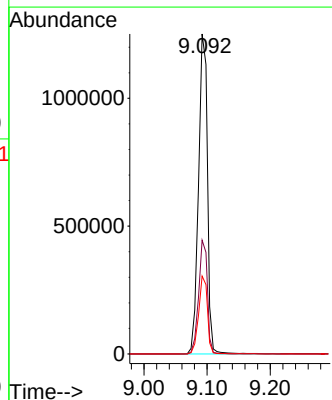
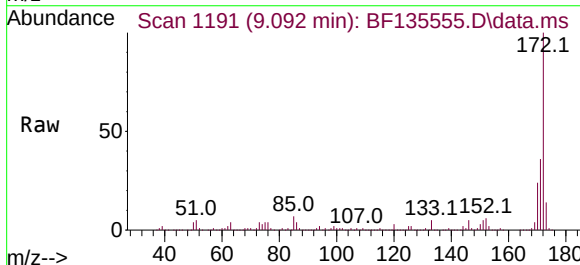
Instrument :
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 ClientSampleId :
 280-300FB-BACKFILL-10

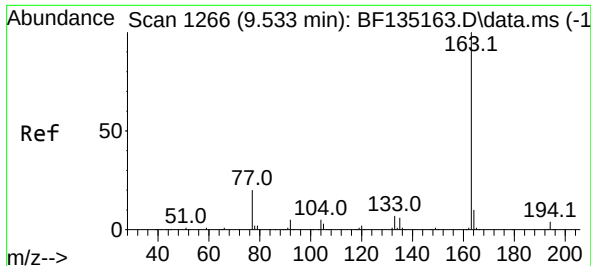
Tgt Ion: 330 Resp: 256397
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 33.7 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 66.332 ng
 RT: 9.092 min Scan# 1191
 Delta R.T. -0.006 min
 Lab File: BF135555.D
 Acq: 03 Oct 2023 22:23

Tgt Ion: 172 Resp: 1227792
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.4 42.6
 170 24.4 19.0 28.4

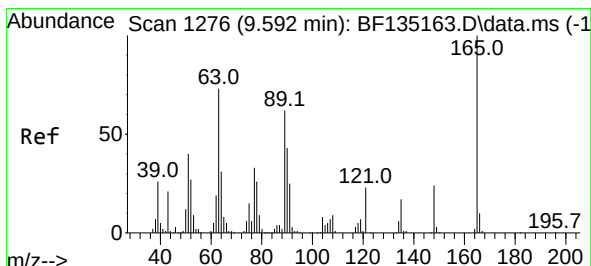
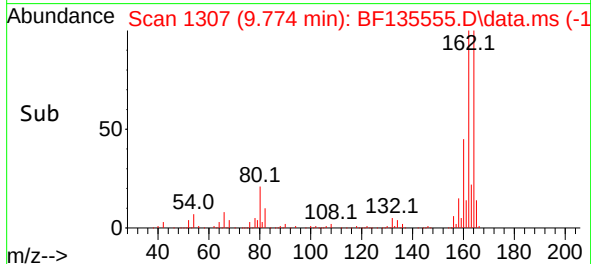
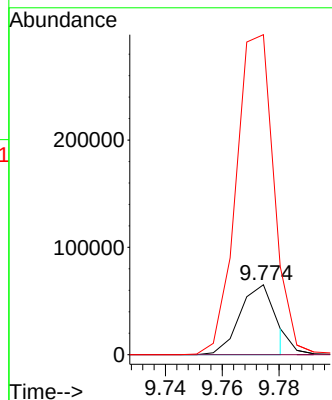
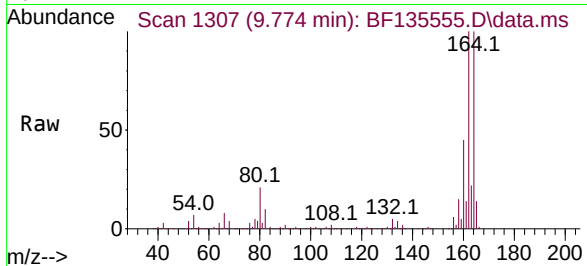




#50
Dimethylphthalate
Concen: 2.996 ng
RT: 9.774 min Scan# 11
Delta R.T. 0.270 min
Lab File: BF135555.D
Acq: 03 Oct 2023 22:23

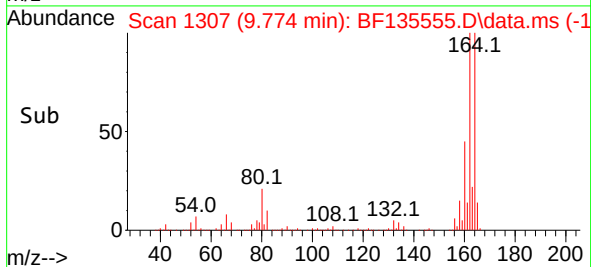
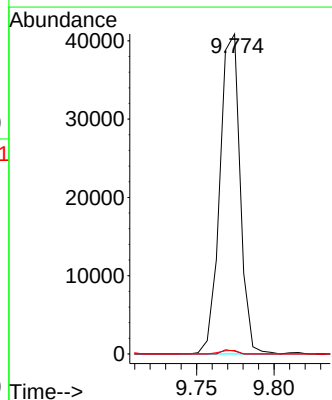
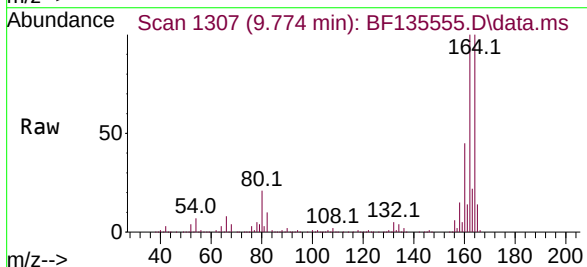
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280-300FB-BACKFILL-10

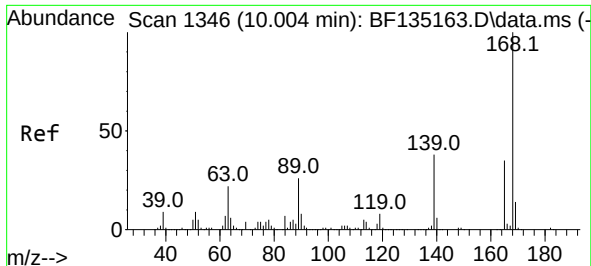
Tgt Ion:163 Resp: 56564
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 457.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.993 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF135555.D
Acq: 03 Oct 2023 22:23

Tgt Ion:165 Resp: 37196
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.2#
89 1.1 49.8 74.8#

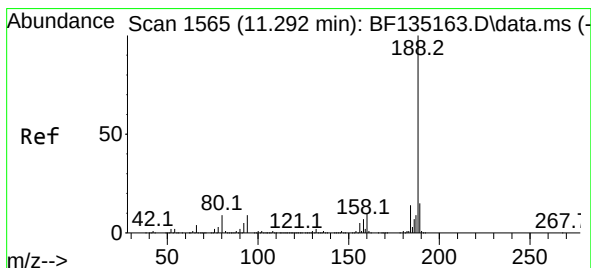
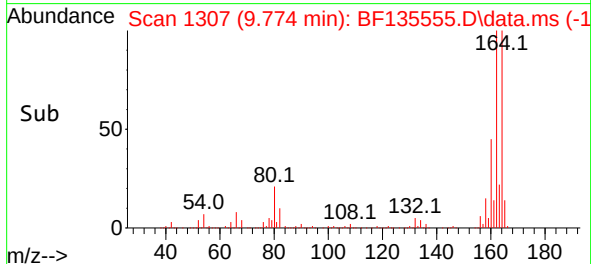
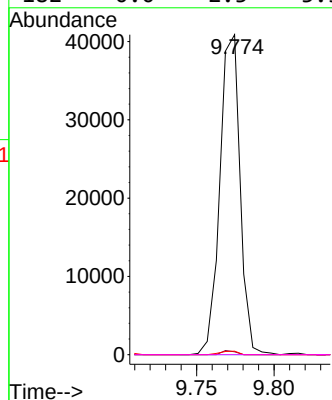
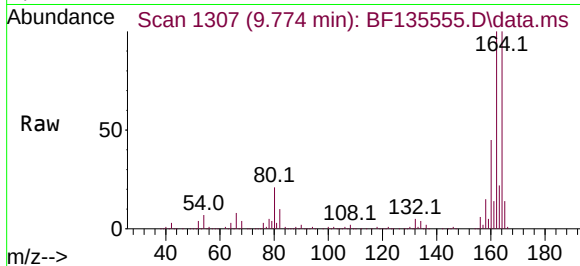




#57
2,4-Dinitrotoluene
Concen: 7.183 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135555.D
Acq: 03 Oct 2023 22:23

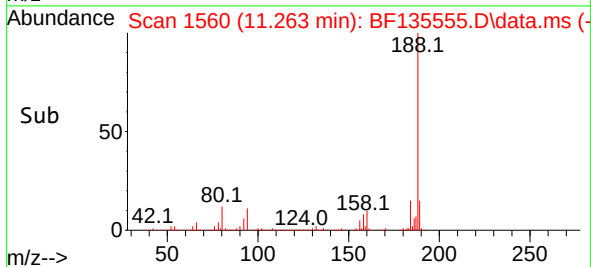
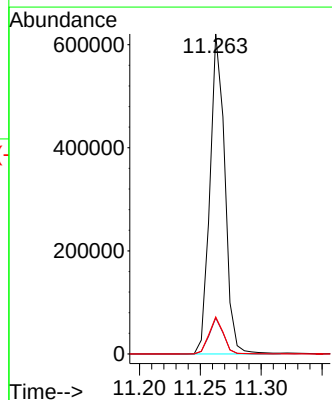
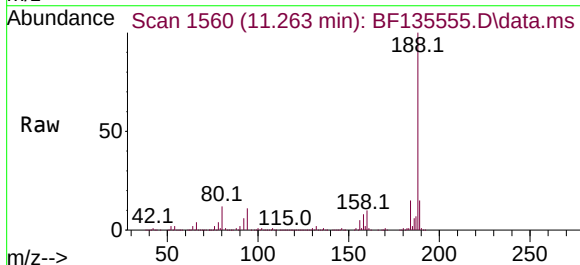
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-10

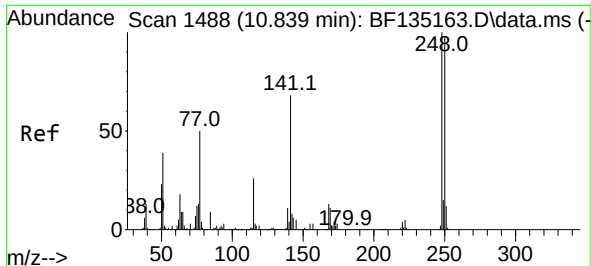
Tgt Ion:165 Resp: 37196
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 1.1 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF135555.D
Acq: 03 Oct 2023 22:23

Tgt Ion:188 Resp: 528241
Ion Ratio Lower Upper
188 100
94 11.2 7.0 10.6#
80 11.6 7.5 11.3#

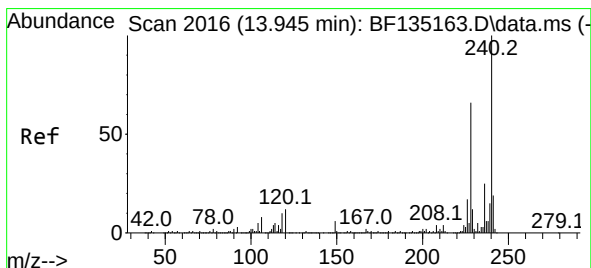
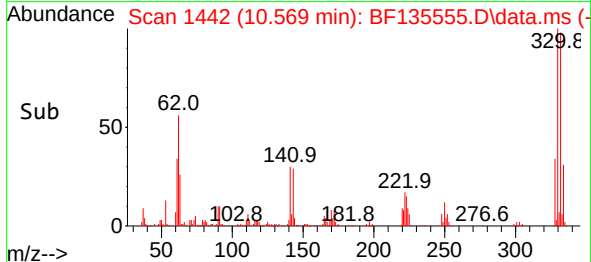
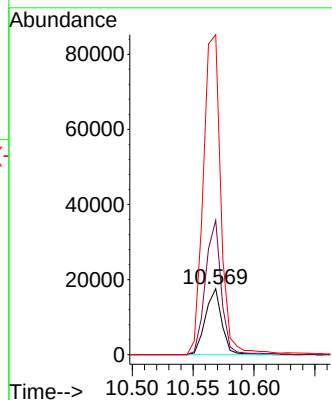
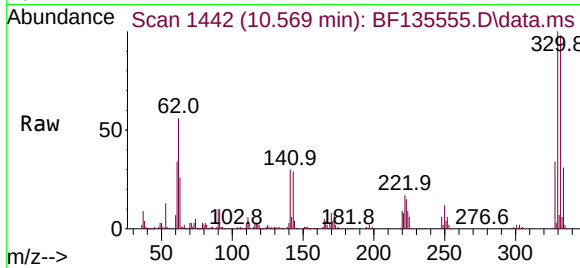




#67
4-Bromophenyl-phenylether
Concen: 3.120 ng
RT: 10.569 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135555.D
Acq: 03 Oct 2023 22:23

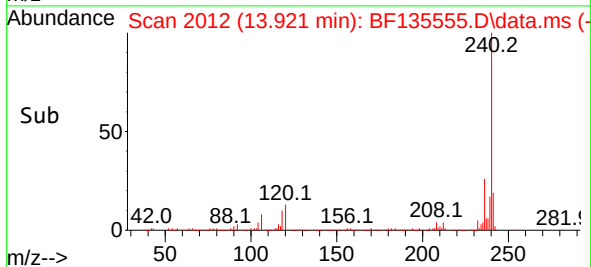
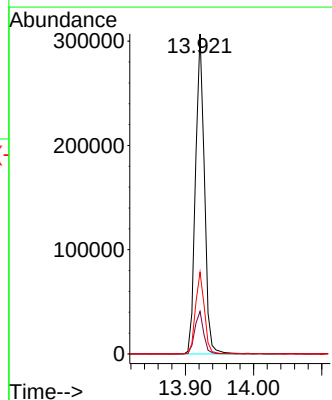
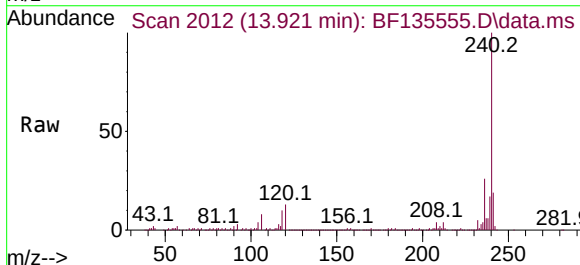
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-10

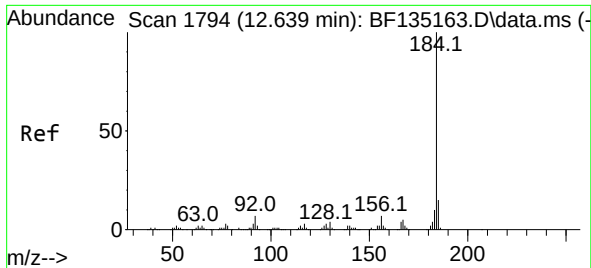
Tgt Ion:248 Resp: 16390
Ion Ratio Lower Upper
248 100
250 204.0 78.6 117.8#
141 485.8 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF135555.D
Acq: 03 Oct 2023 22:23

Tgt Ion:240 Resp: 278372
Ion Ratio Lower Upper
240 100
120 13.3 9.4 14.2
236 25.6 19.8 29.8

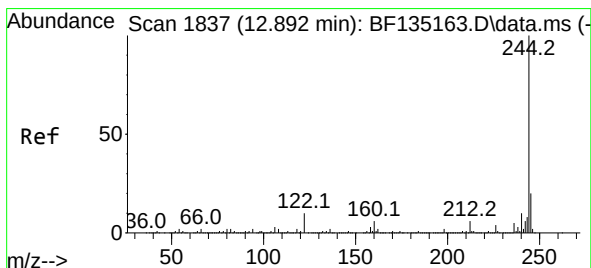
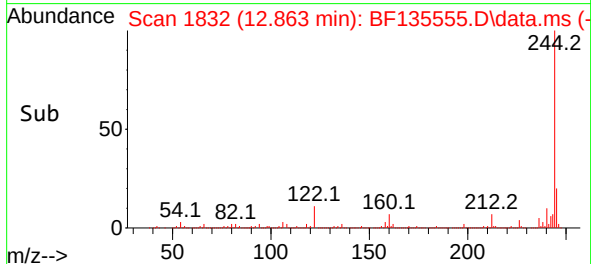
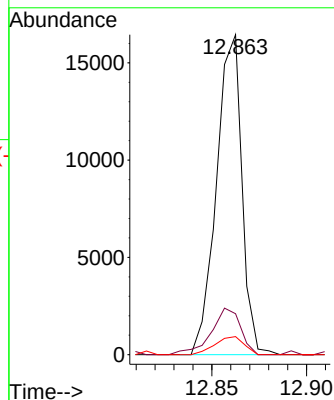
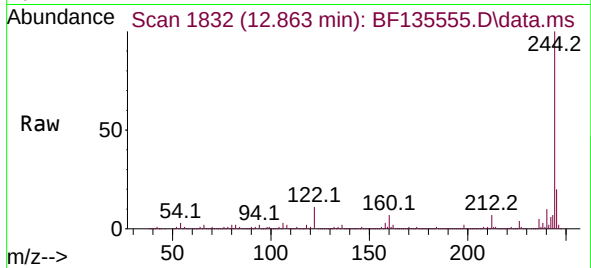




#77
Benzidine
Concen: 2.692 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.247 min
Lab File: BF135555.D
Acq: 03 Oct 2023 22:23

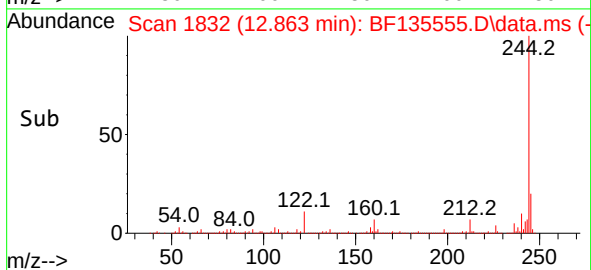
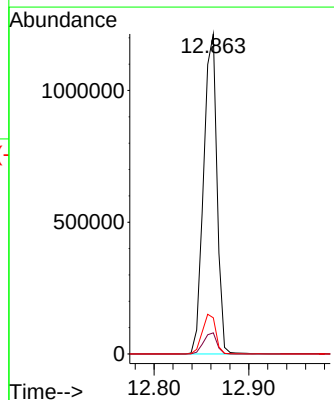
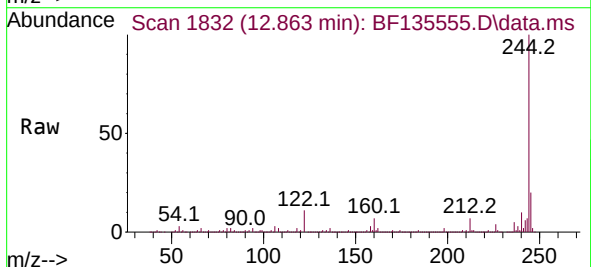
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-10

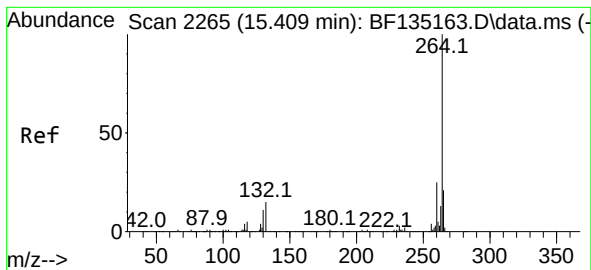
Tgt Ion:184 Resp: 15350
Ion Ratio Lower Upper
184 100
185 12.8 11.7 17.5
183 5.7 8.2 12.4#



#79
Terphenyl-d14
Concen: 66.198 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BF135555.D
Acq: 03 Oct 2023 22:23

Tgt Ion:244 Resp: 1188743
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 11.3 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: BF135555.D

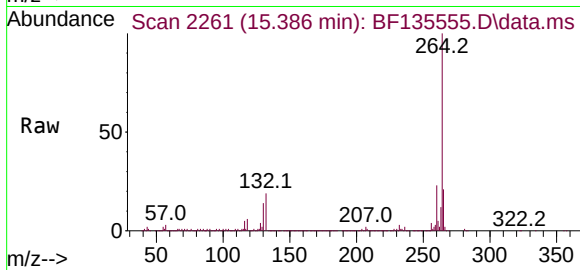
Acq: 03 Oct 2023 22:23

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-10



Tgt Ion:264 Resp: 296032

Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.6

265 21.1 17.0 25.4

