

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135554.D
 Acq On : 03 Oct 2023 21:51
 Operator : CG\JU
 Sample : 04627-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-09

Quant Time: Oct 04 07:13:30 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)

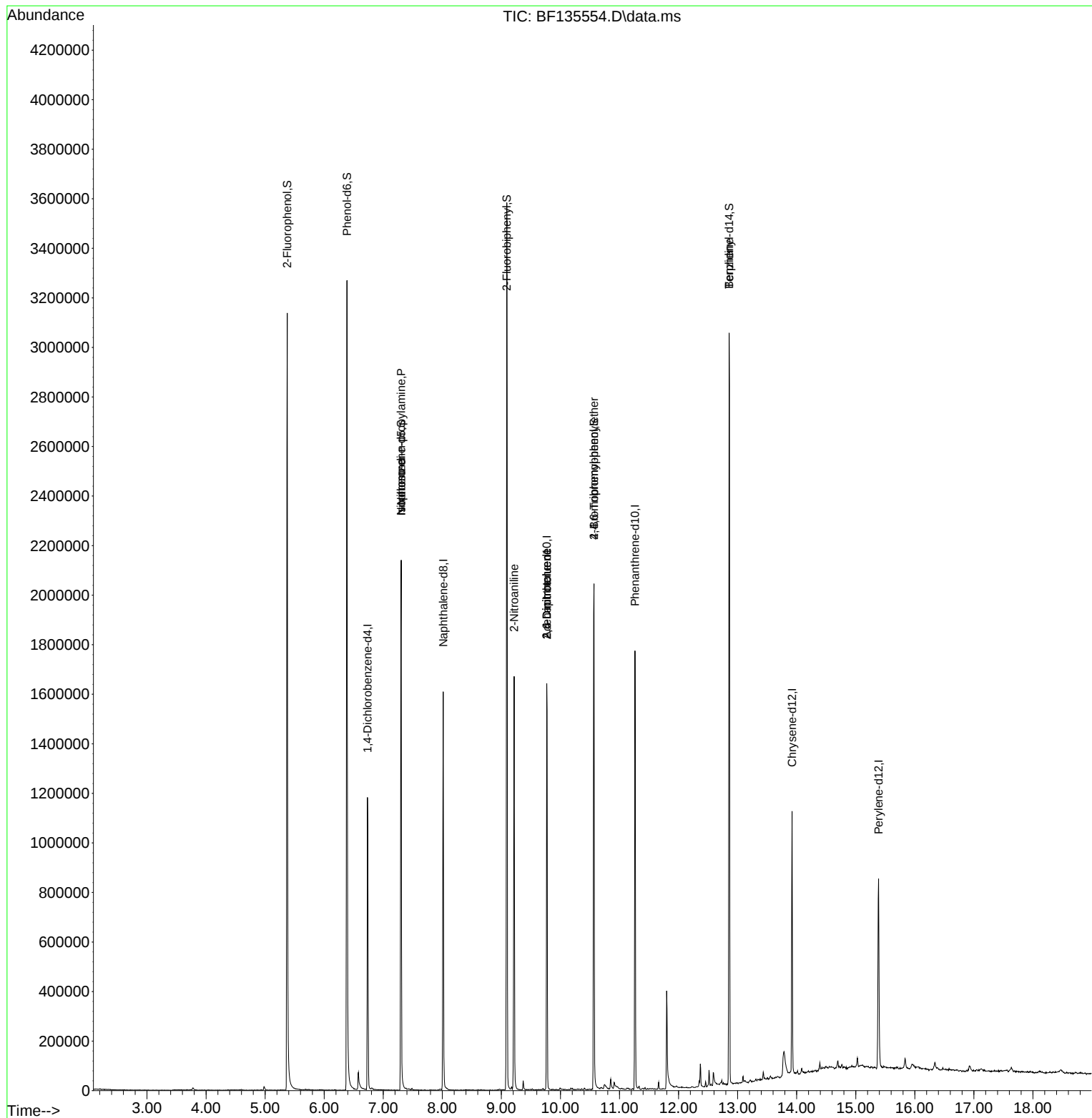
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	178655	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	684905	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	338885	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	639368	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	339636	20.000	ng	0.00
86) Perylene-d12	15.386	264	362734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	878918	80.015	ng	0.00
7) Phenol-d6	6.386	99	1089218	77.984	ng	0.00
23) Nitrobenzene-d5	7.304	82	665578	52.796	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	240998	71.562	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1181993	52.623	ng	0.00
79) Terphenyl-d14	12.857	244	1124017	51.303	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	88878	10.273	ng	# 76
25) Isophorone	7.304	82	665573	28.752	ng	# 65
48) 2-Nitroaniline	9.216	65	15484	2.109	ng	# 16
51) 2,6-Dinitrotoluene	9.769	165	43099	8.587	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	43099	6.859	ng	# 19
67) 4-Bromophenyl-phenylether	10.569	248	15101	2.375	ng	# 1
77) Benzidine	12.857	184	14778	2.124	ng	# 94

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

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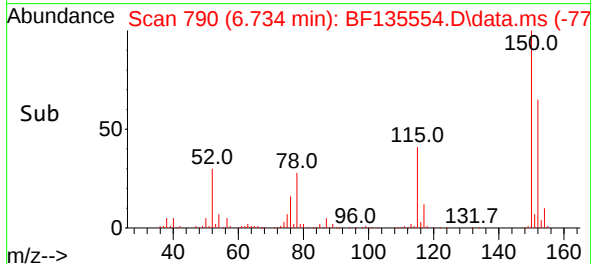
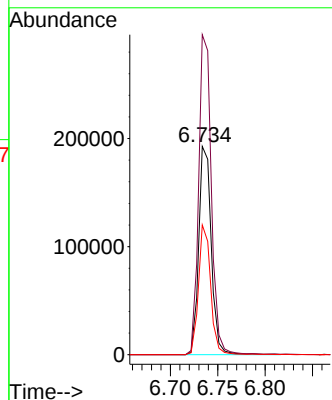
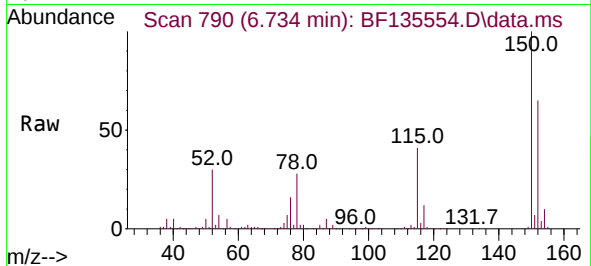




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 795
Delta R.T. -0.005 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

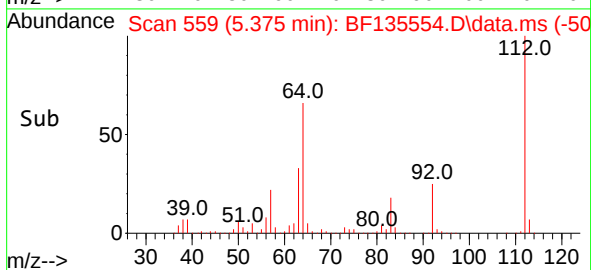
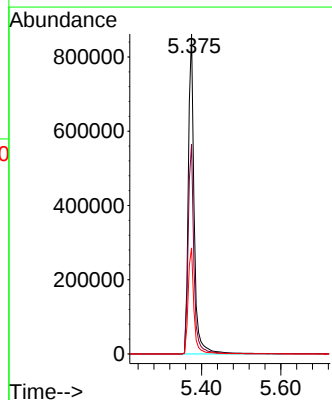
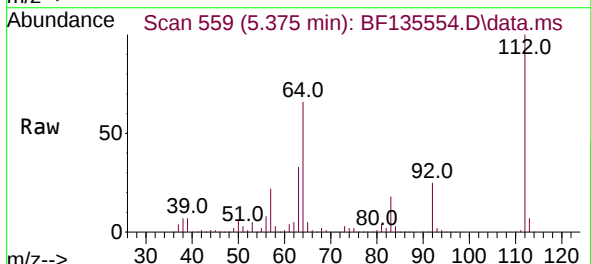
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-09

Tgt Ion:152 Resp: 178655
Ion Ratio Lower Upper
152 100
150 153.6 127.8 191.6
115 62.3 49.8 74.8



#5
2-Fluorophenol
Concen: 80.015 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

Tgt Ion:112 Resp: 878918
Ion Ratio Lower Upper
112 100
64 65.5 55.9 83.9
63 33.2 29.0 43.6

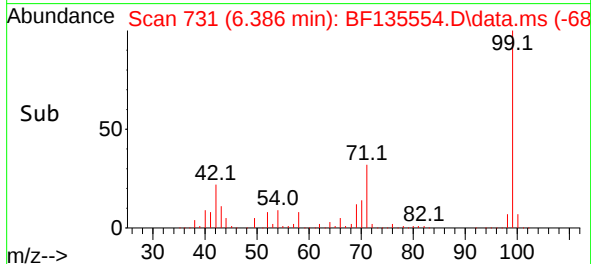
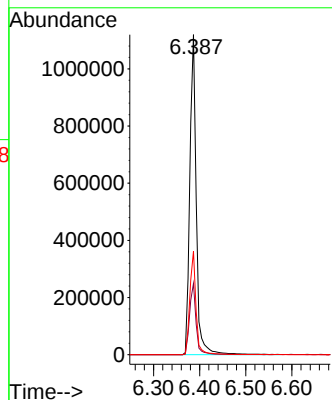
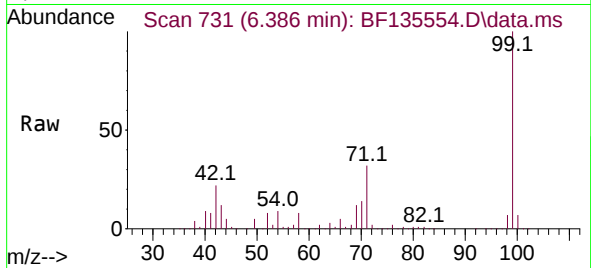




#7
Phenol-d6
Concen: 77.984 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

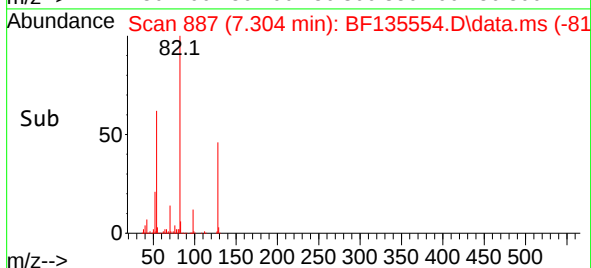
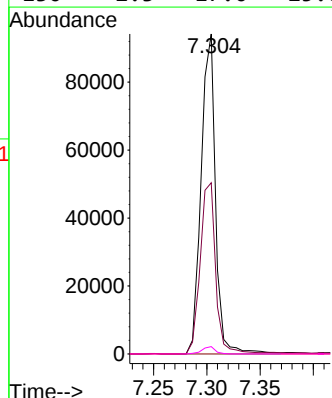
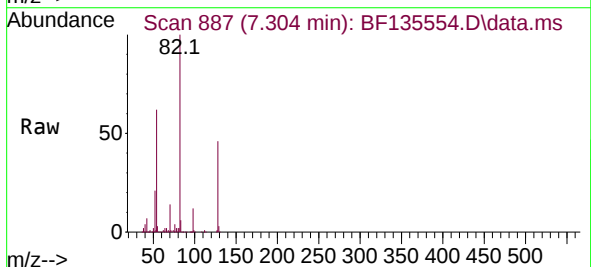
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-09

Tgt Ion: 99 Resp: 1089218
Ion Ratio Lower Upper
99 100
42 22.2 17.9 26.9
71 32.3 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.273 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

Tgt Ion: 70 Resp: 88878
Ion Ratio Lower Upper
70 100
42 53.5 55.4 83.0#
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#

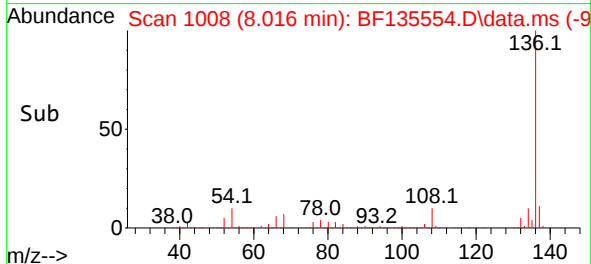
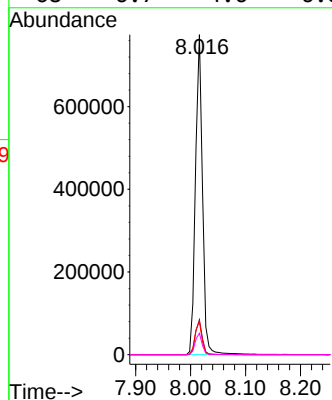
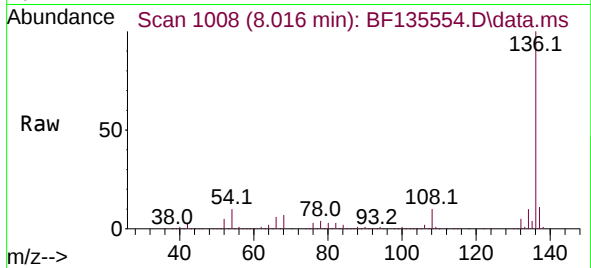




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

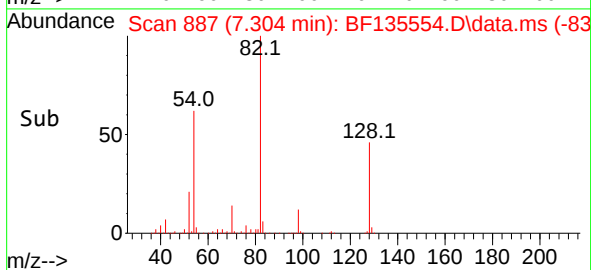
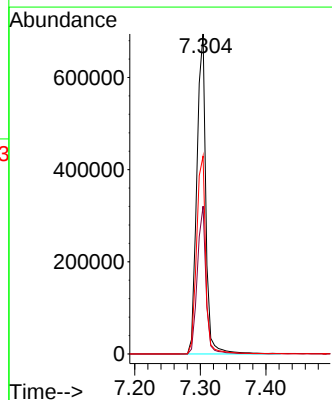
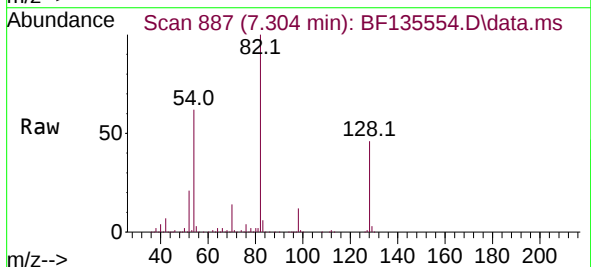
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-09

Tgt	Ion:136	Resp:	684905
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.3	7.7	11.5
68	6.7	4.6	6.8



#23
Nitrobenzene-d5
Concen: 52.796 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

Tgt Ion: 82	Resp: 665578
Ion Ratio	Lower Upper
82 100	
128 46.2	35.8 53.6
54 61.8	50.6 76.0

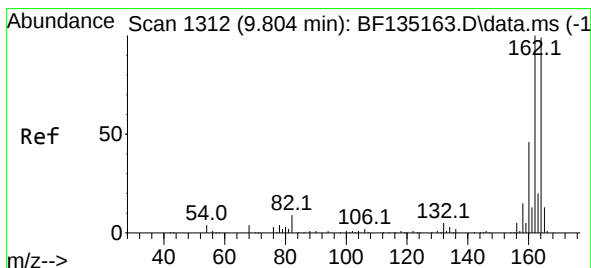
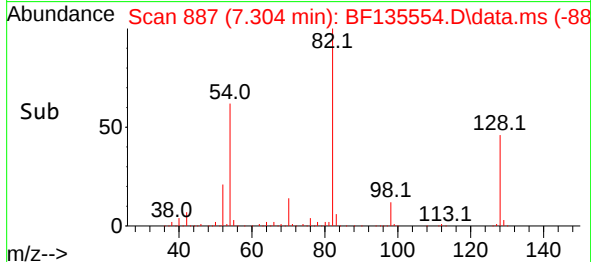
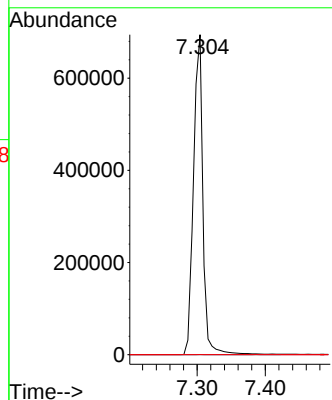
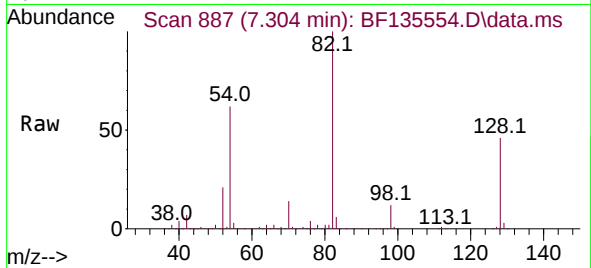




#25
Isophorone
Concen: 28.752 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

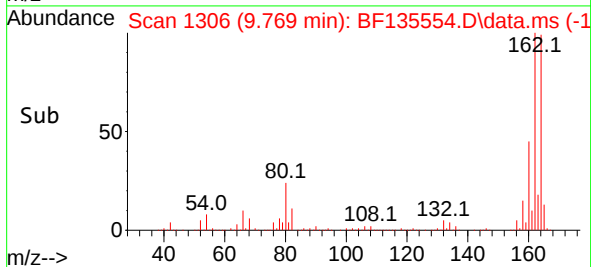
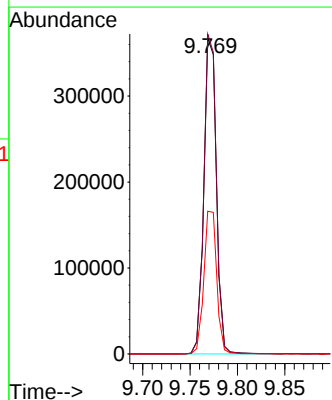
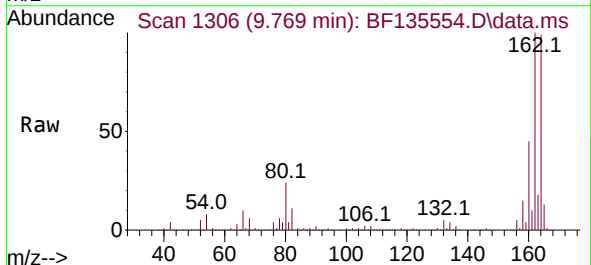
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-09

Tgt Ion: 82 Resp: 665573
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: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

Tgt Ion: 164 Resp: 338885
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 45.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 71.562 ng

RT: 10.569 min Scan# 1447

Delta R.T. -0.000 min

Lab File: BF135554.D

Acq: 03 Oct 2023 21:51

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-09

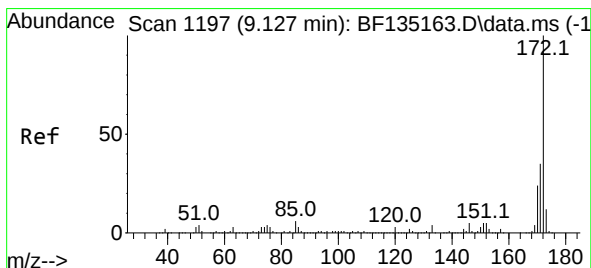
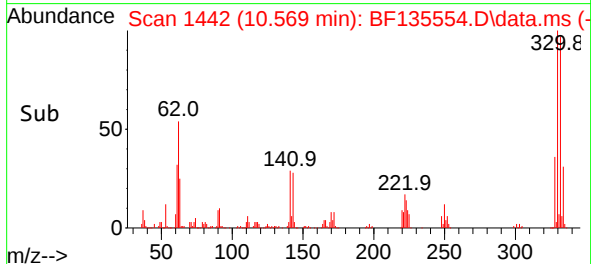
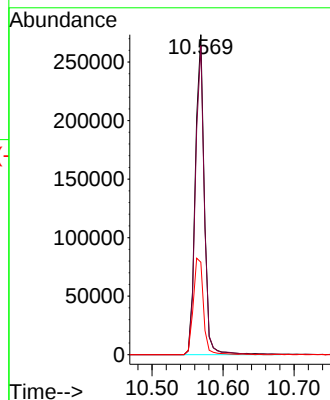
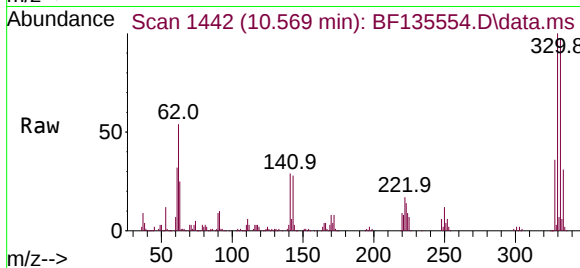
Tgt Ion:330 Resp: 240998

Ion Ratio Lower Upper

330 100

332 95.6 77.3 115.9

141 34.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 52.623 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135554.D

Acq: 03 Oct 2023 21:51

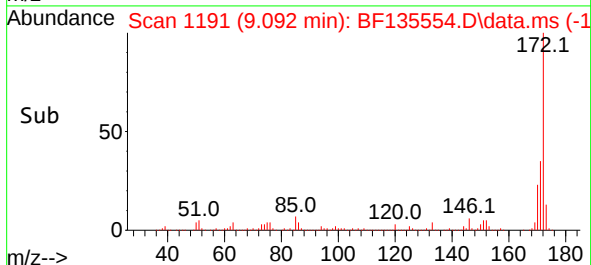
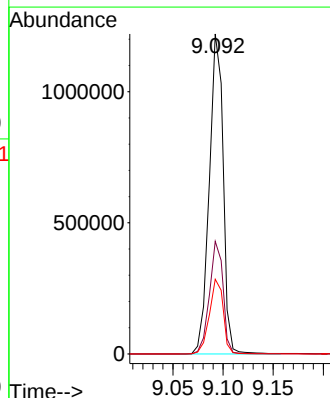
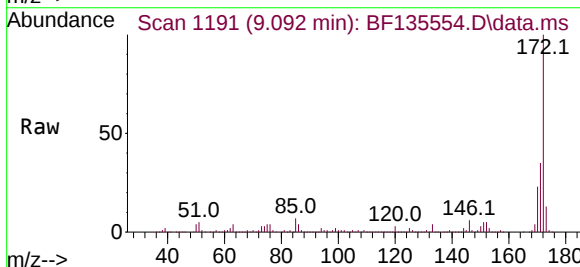
Tgt Ion:172 Resp: 1181993

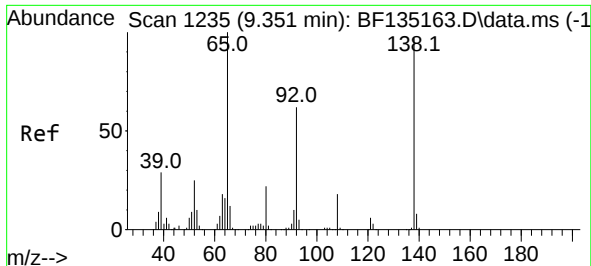
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.4 19.0 28.4

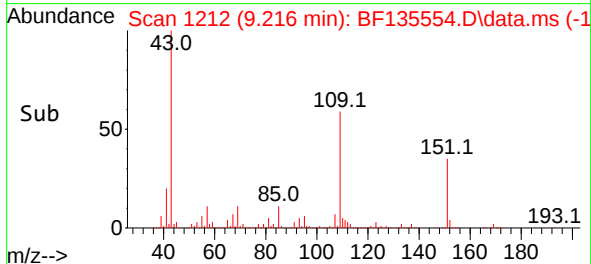
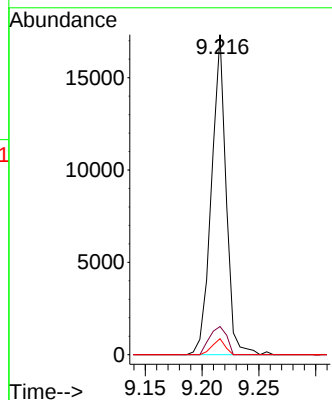
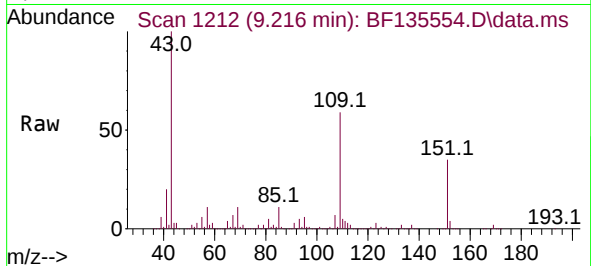




#48
2-Nitroaniline
Concen: 2.109 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.112 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

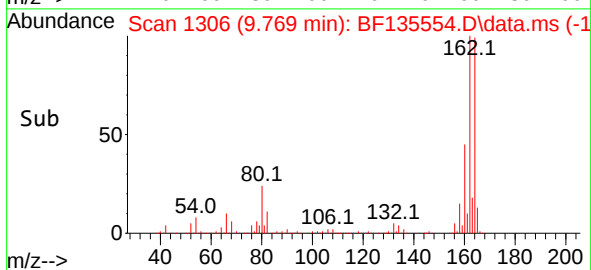
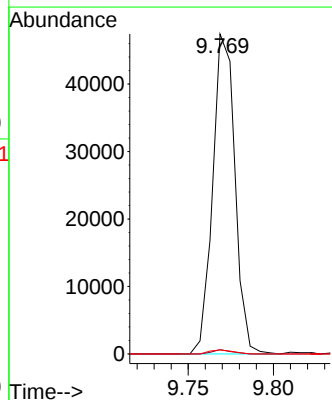
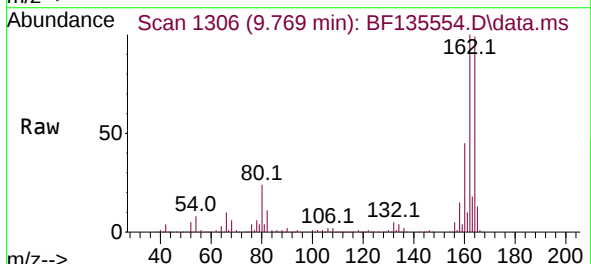
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-09

Tgt Ion: 65 Resp: 15484
Ion Ratio Lower Upper
65 100
92 8.8 49.4 74.0#
138 5.0 77.4 116.0#



#51
2,6-Dinitrotoluene
Concen: 8.587 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.194 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

Tgt Ion:165 Resp: 43099
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 1.3 49.8 74.8#

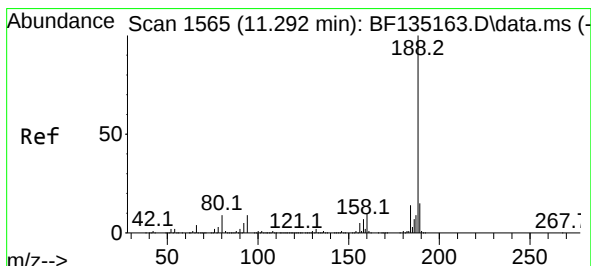
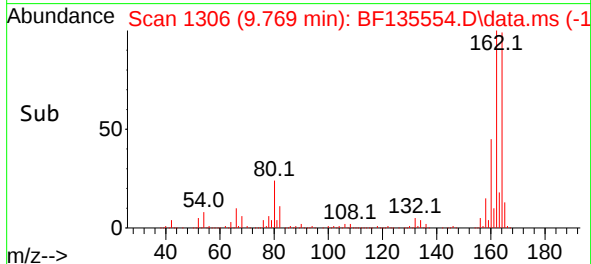
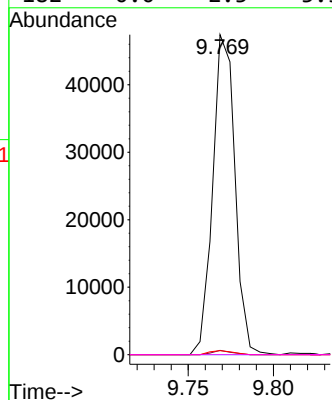
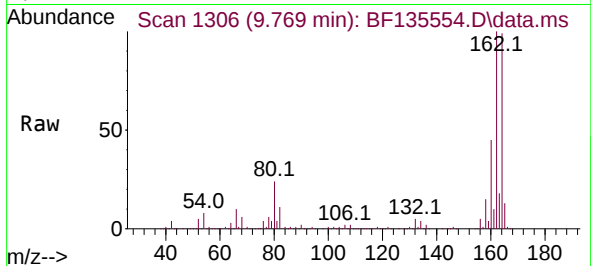




#57
2,4-Dinitrotoluene
Concen: 6.859 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

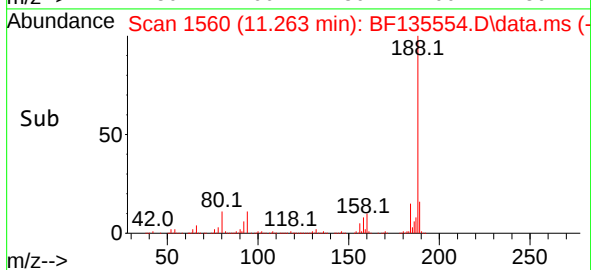
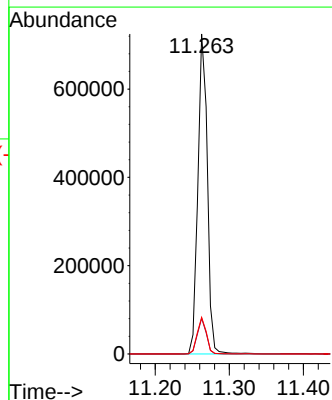
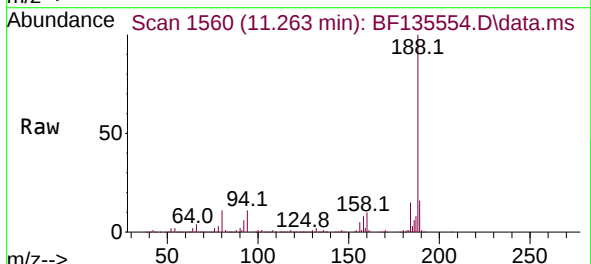
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ClientSampleId :
280-300FB-BACKFILL-09

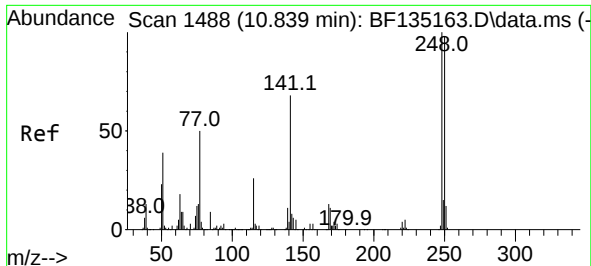
Tgt Ion:165 Resp: 43099
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.3 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

Tgt Ion:188 Resp: 639368
Ion Ratio Lower Upper
188 100
94 11.2 7.0 10.6#
80 11.4 7.5 11.3#

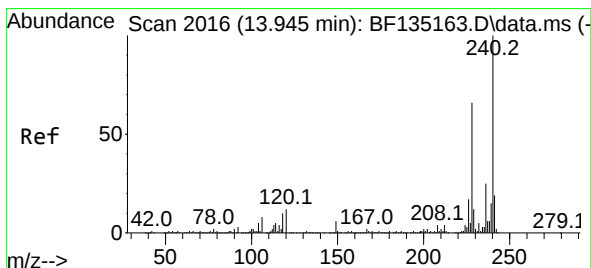
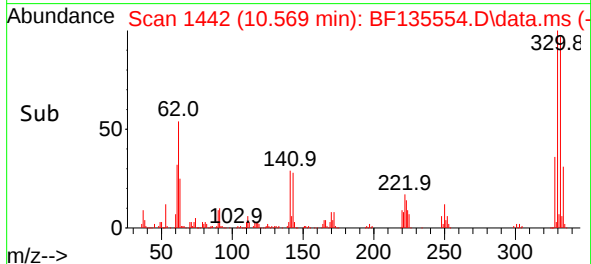
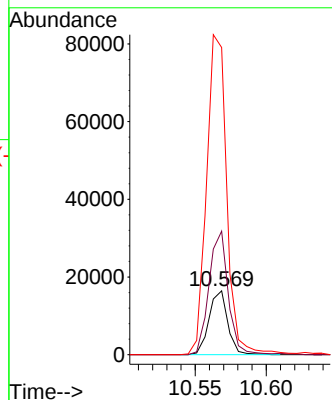
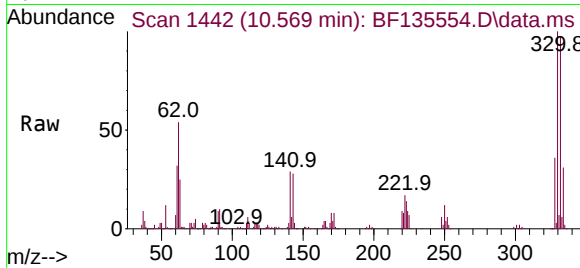




#67
4-Bromophenyl-phenylether
Concen: 2.375 ng
RT: 10.569 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

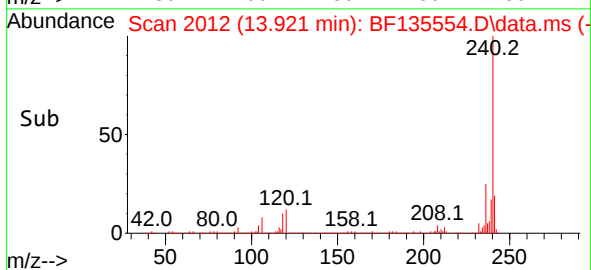
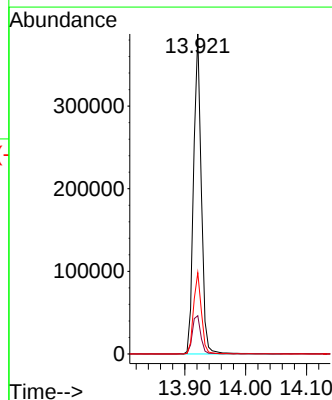
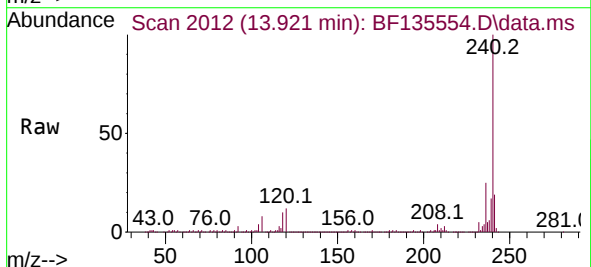
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-09

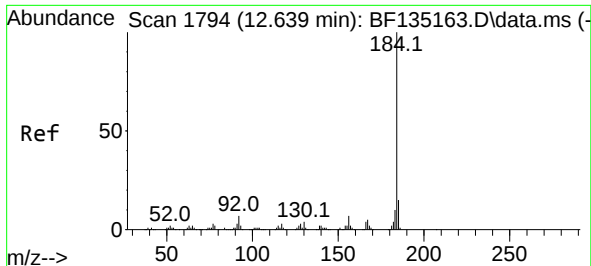
Tgt Ion:248 Resp: 15101
Ion Ratio Lower Upper
248 100
250 193.2 78.6 117.8#
141 480.6 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

Tgt Ion:240 Resp: 339636
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 25.4 19.8 29.8

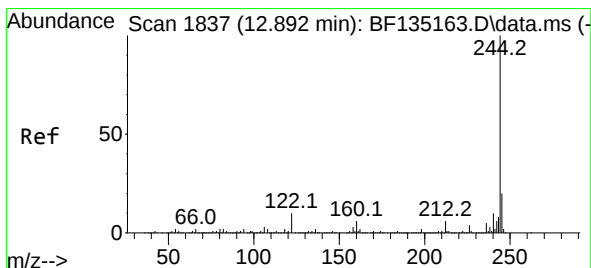
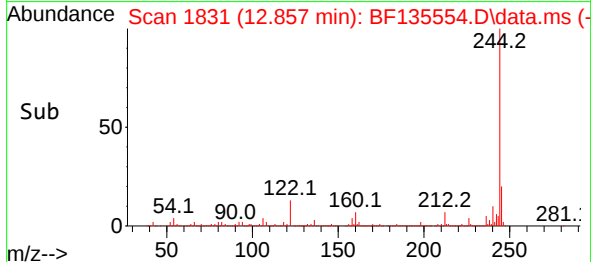
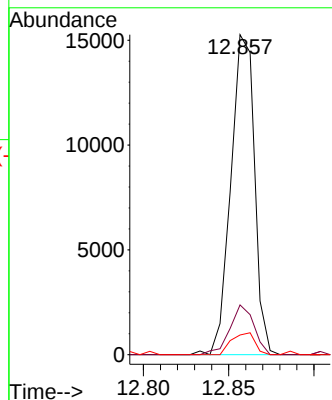
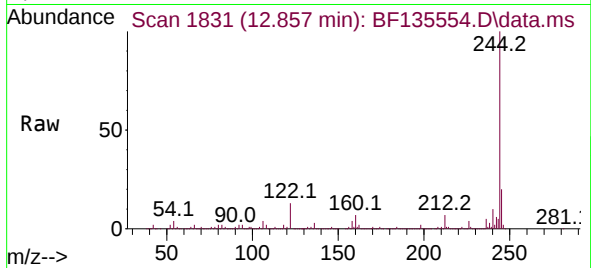




#77
Benzidine
Concen: 2.124 ng
RT: 12.857 min Scan# 1831
Delta R.T. 0.241 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

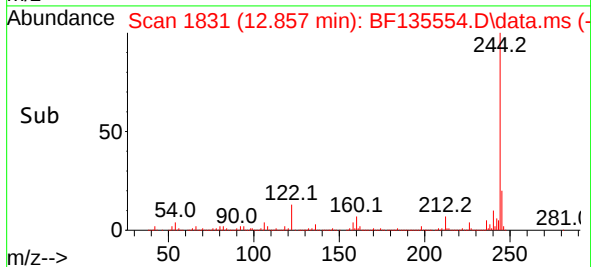
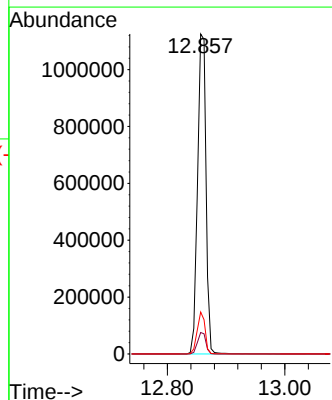
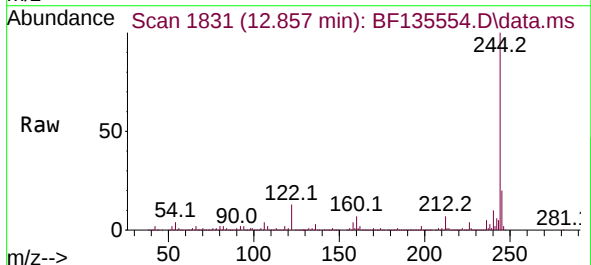
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-09

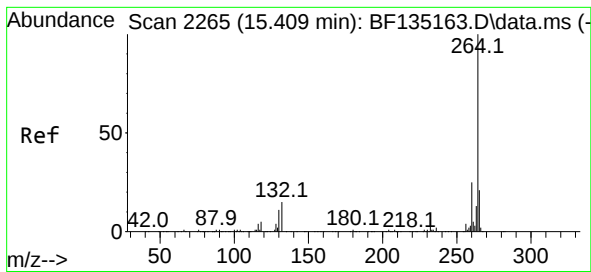
Tgt Ion:184 Resp: 14778
Ion Ratio Lower Upper
184 100
185 15.6 11.7 17.5
183 6.1 8.2 12.4#



#79
Terphenyl-d14
Concen: 51.303 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF135554.D
Acq: 03 Oct 2023 21:51

Tgt Ion:244 Resp: 1124017
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 13.1 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: BF135554.D
 Acq: 03 Oct 2023 21:51

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-09

Tgt Ion:264 Resp: 362734
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.6
 265 21.0 17.0 25.4

