

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135553.D
 Acq On : 03 Oct 2023 21:18
 Operator : CG\JU
 Sample : 04627-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-08

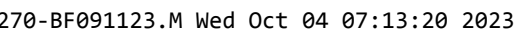
Quant Time: Oct 04 07:13:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 06:58:43 2023
 Response via : Initial Calibration

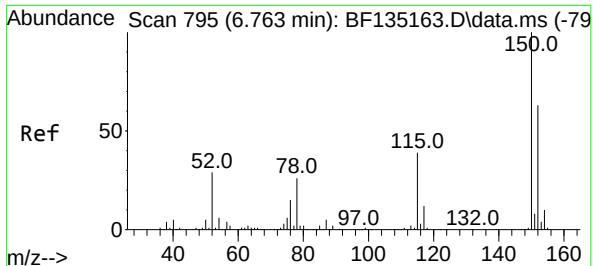
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	141651	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	563038	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	279754	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	528580	20.000	ng	0.00
76) Chrysene-d12	13.921	240	280311	20.000	ng	0.00
86) Perylene-d12	15.386	264	290415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	903537	103.745	ng	0.00
7) Phenol-d6	6.387	99	1109162	100.156	ng	0.00
23) Nitrobenzene-d5	7.304	82	685915	66.186	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	249741	89.832	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1195205	64.458	ng	0.00
79) Terphenyl-d14	12.863	244	1185010	65.534	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	90615	13.210	ng	# 81
25) Isophorone	7.304	82	685909	36.044	ng	# 65
48) 2-Nitroaniline	9.216	65	22240	3.670	ng	# 15
51) 2,6-Dinitrotoluene	9.769	165	36288	8.758	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	36288	6.996	ng	# 19
67) 4-Bromophenyl-phenylether	10.569	248	16272	3.095	ng	# 1
77) Benzidine	12.863	184	14734	2.566	ng	# 90

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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QLast Update : Wed Oct 04 06:58:43 2023
Response via : Initial Calibration

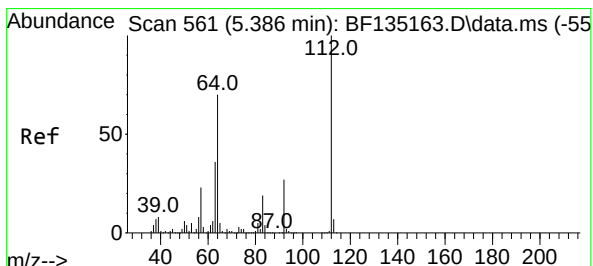
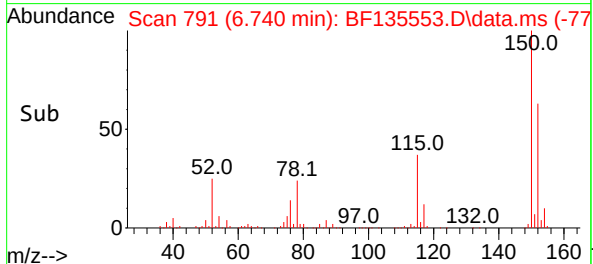
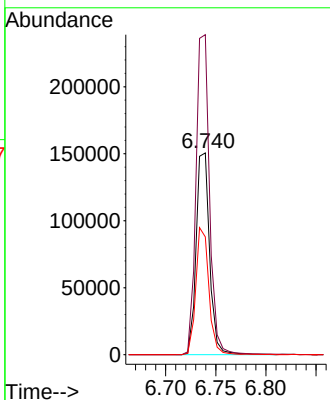
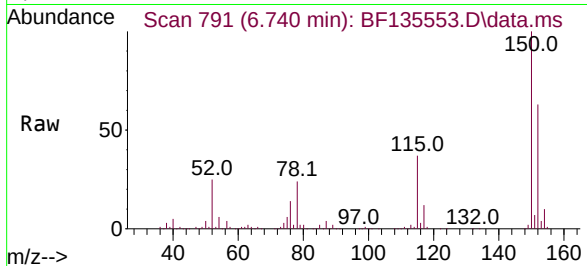




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

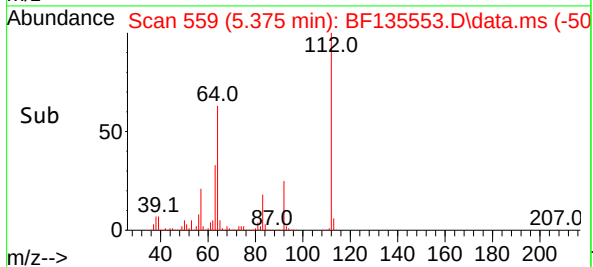
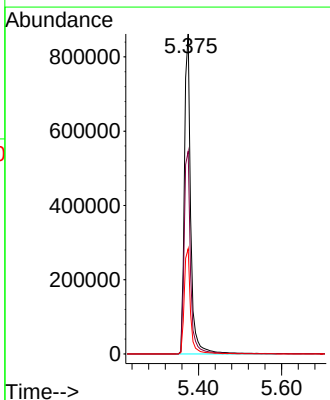
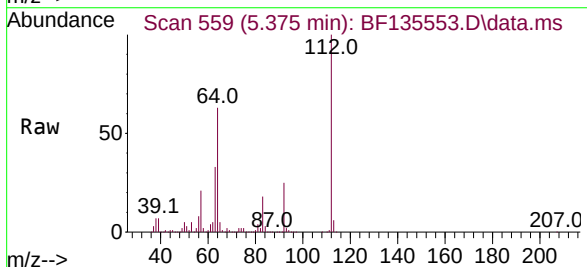
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-08

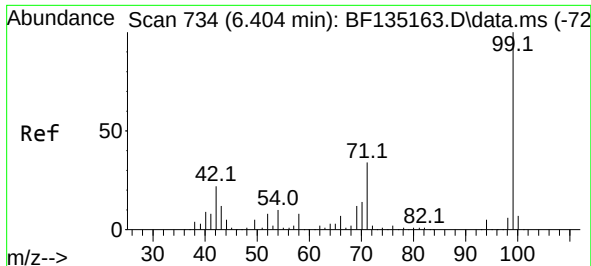
Tgt Ion:152 Resp: 141651
Ion Ratio Lower Upper
152 100
150 158.6 127.8 191.6
115 58.4 49.8 74.8



#5
2-Fluorophenol
Concen: 103.745 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

Tgt Ion:112 Resp: 903537
Ion Ratio Lower Upper
112 100
64 63.4 55.9 83.9
63 32.9 29.0 43.6

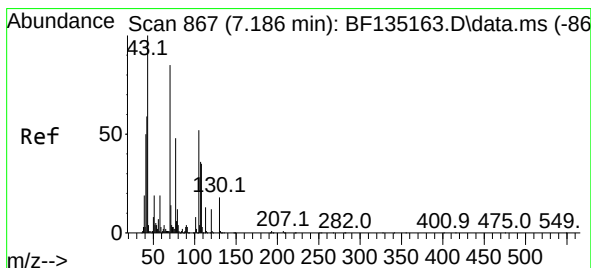
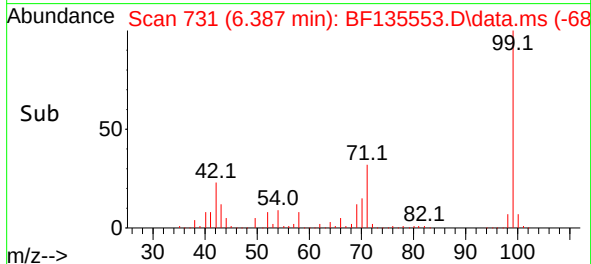
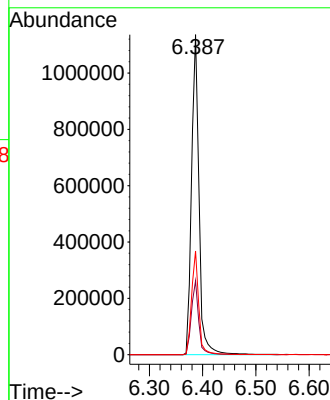
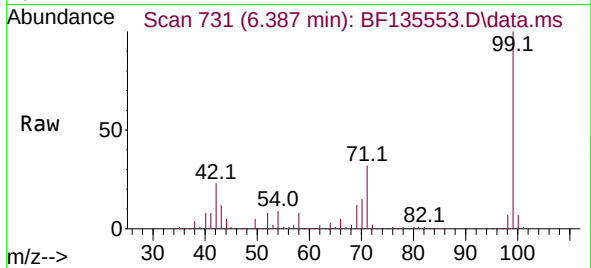




#7
Phenol-d6
Concen: 100.156 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

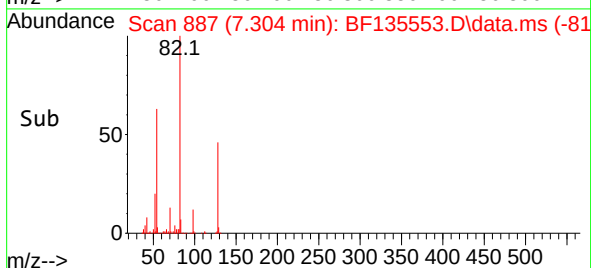
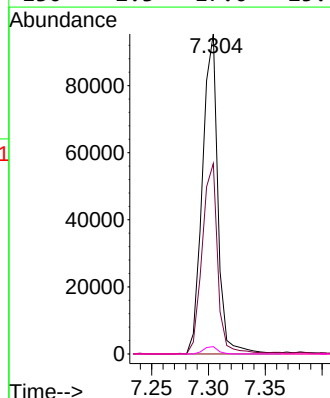
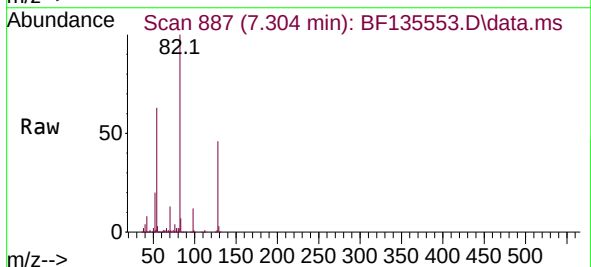
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ClientSampleId :
280-300FB-BACKFILL-08

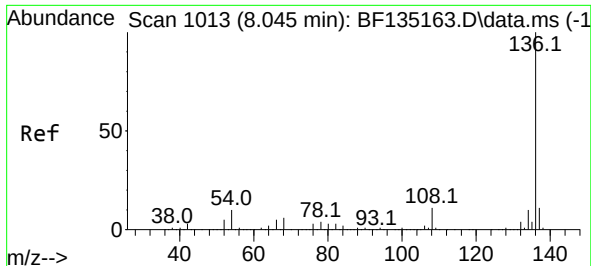
Tgt Ion: 99 Resp: 1109162
Ion Ratio Lower Upper
99 100
42 23.1 17.9 26.9
71 32.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.210 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

Tgt Ion: 70 Resp: 90615
Ion Ratio Lower Upper
70 100
42 59.5 55.4 83.0
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#

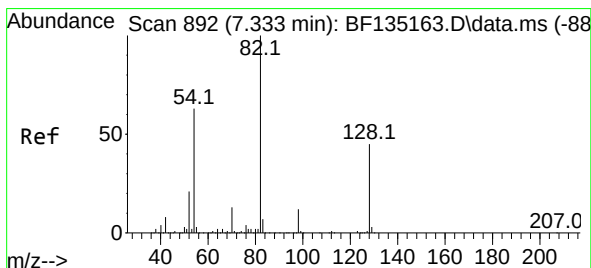
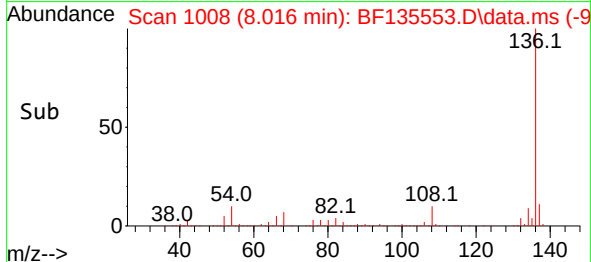
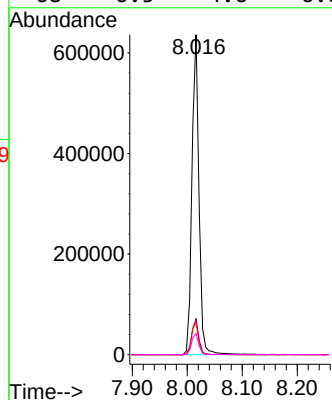
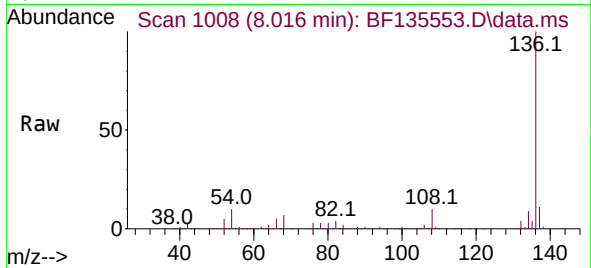




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

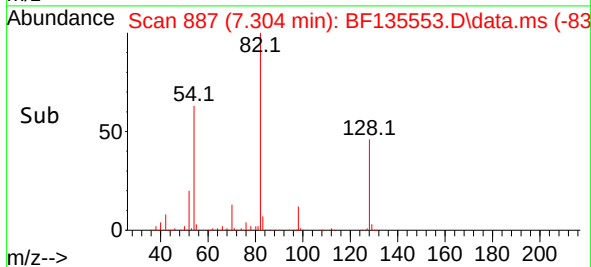
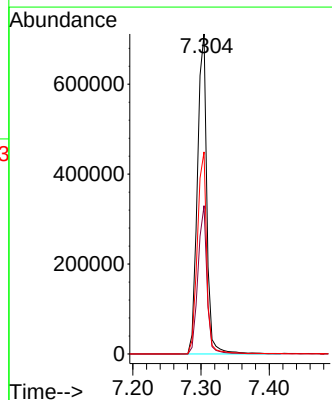
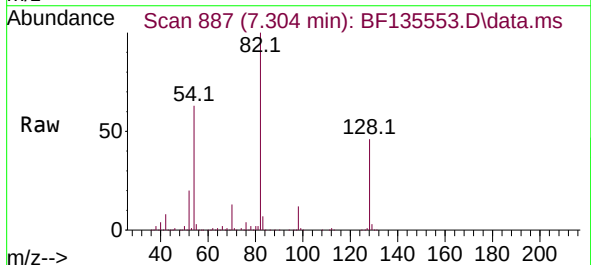
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ClientSampleId :
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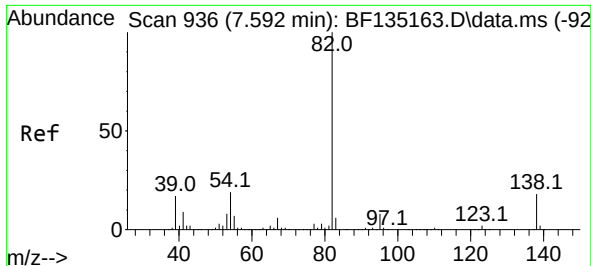
Tgt Ion:136 Resp: 563038
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.1 7.7 11.5
68 6.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 66.186 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

Tgt Ion: 82 Resp: 685915
Ion Ratio Lower Upper
82 100
128 46.3 35.8 53.6
54 63.2 50.6 76.0

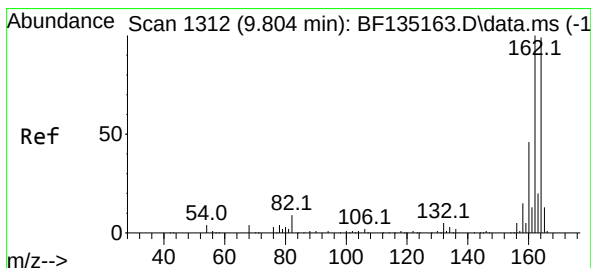
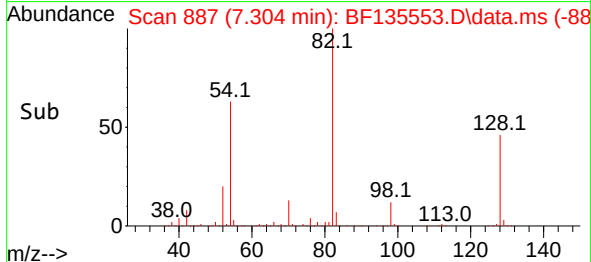
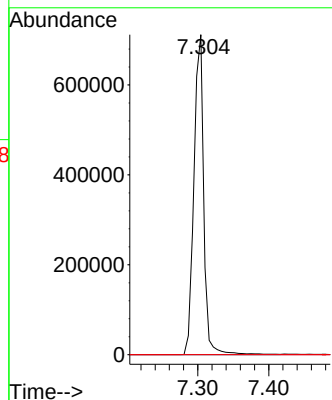
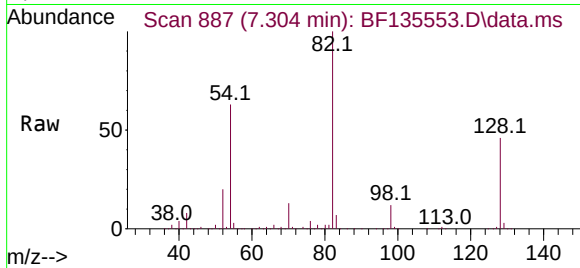




#25
Isophorone
Concen: 36.044 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

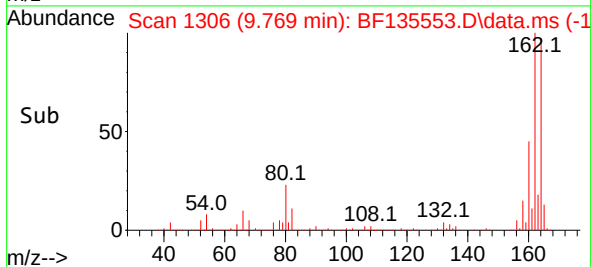
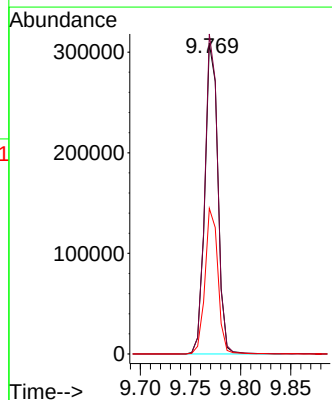
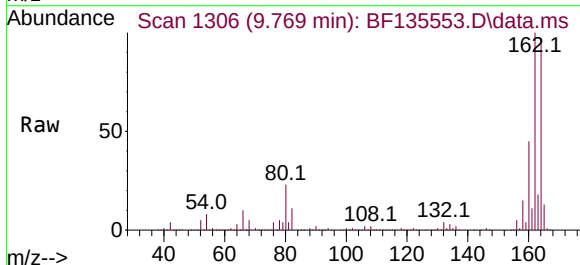
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ClientSampleId :
280-300FB-BACKFILL-08

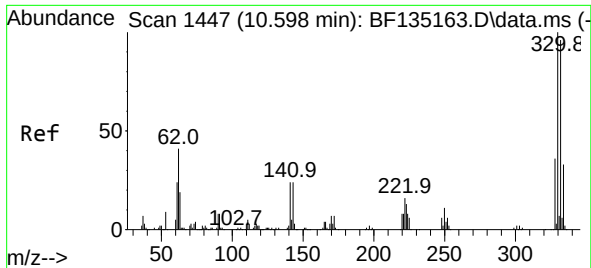
Tgt Ion: 82 Resp: 685909
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

Tgt Ion:164 Resp: 279754
Ion Ratio Lower Upper
164 100
162 103.0 81.0 121.4
160 46.9 37.0 55.4

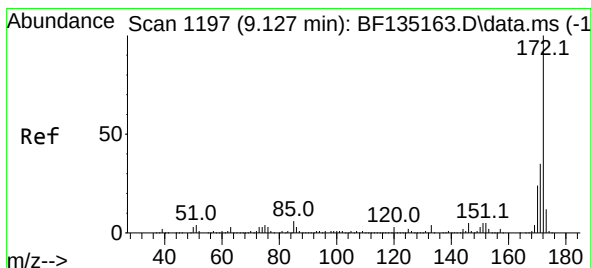
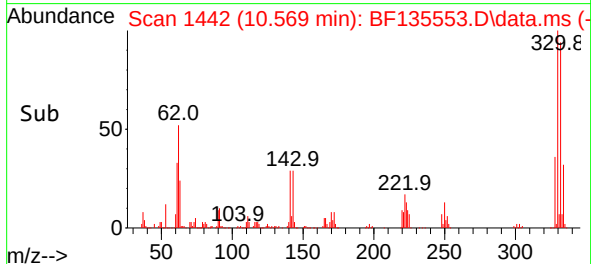
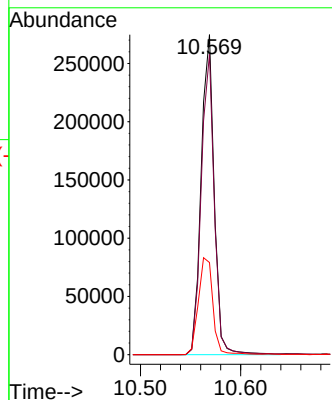
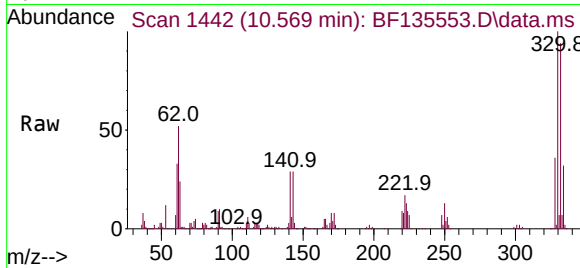




#42
2,4,6-Tribromophenol
Concen: 89.832 ng
RT: 10.569 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

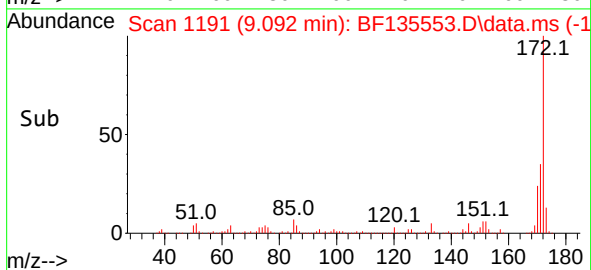
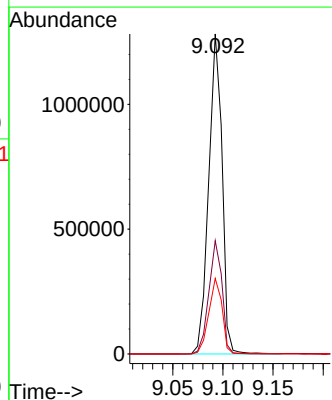
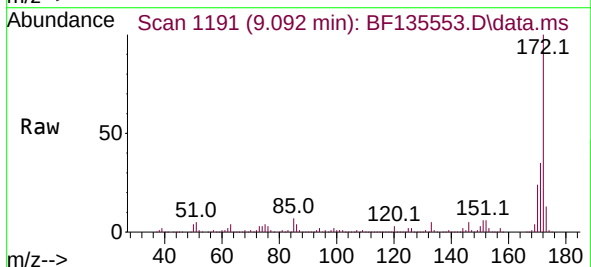
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ClientSampleId :
280-300FB-BACKFILL-08

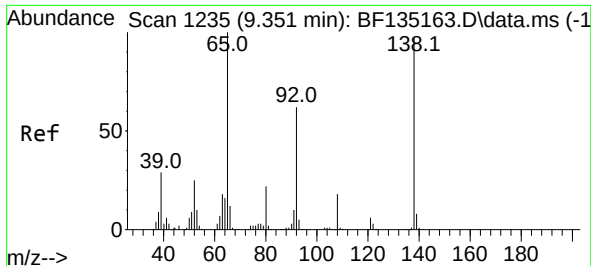
Tgt Ion:330 Resp: 249741
Ion Ratio Lower Upper
330 100
332 94.1 77.3 115.9
141 33.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 64.458 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

Tgt Ion:172 Resp: 1195205
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.6 19.0 28.4

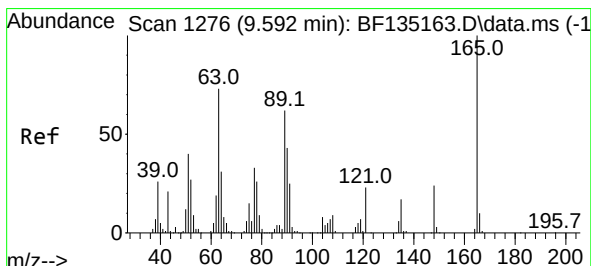
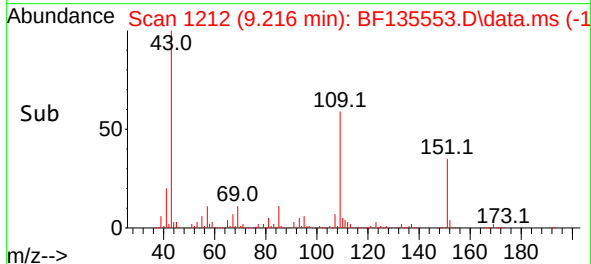
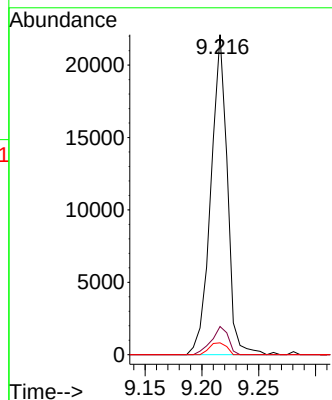
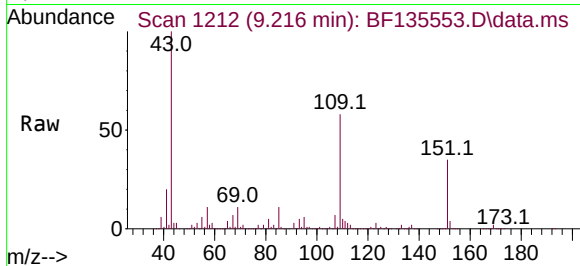




#48
2-Nitroaniline
Concen: 3.670 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.112 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

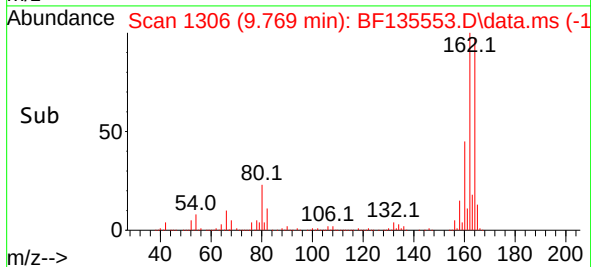
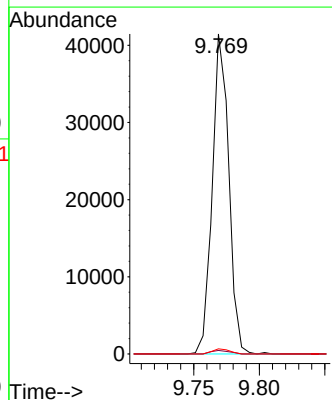
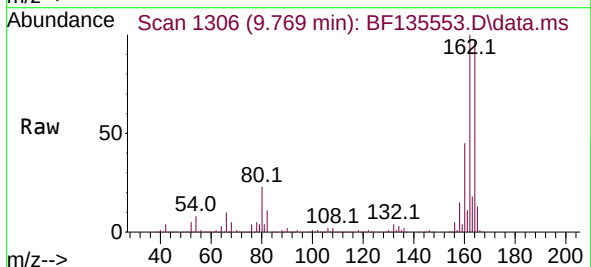
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280-300FB-BACKFILL-08

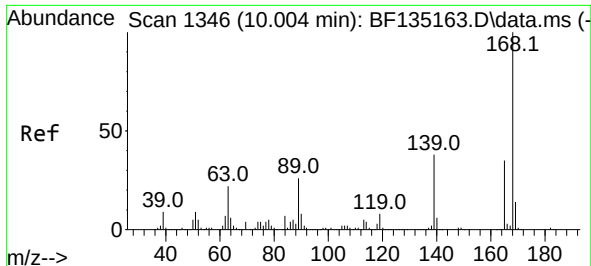
Tgt Ion: 65 Resp: 22240
Ion Ratio Lower Upper
65 100
92 8.8 49.4 74.0#
138 3.7 77.4 116.0#



#51
2,6-Dinitrotoluene
Concen: 8.758 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.194 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

Tgt Ion: 165 Resp: 36288
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 1.6 49.8 74.8#

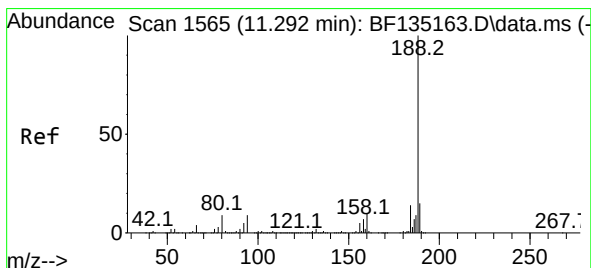
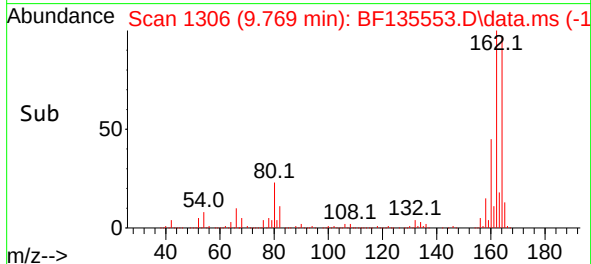
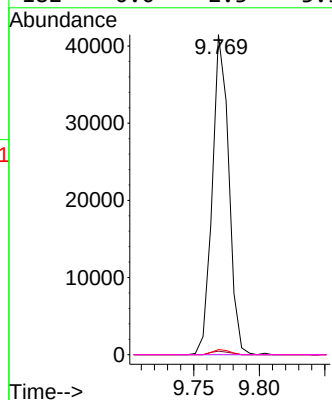
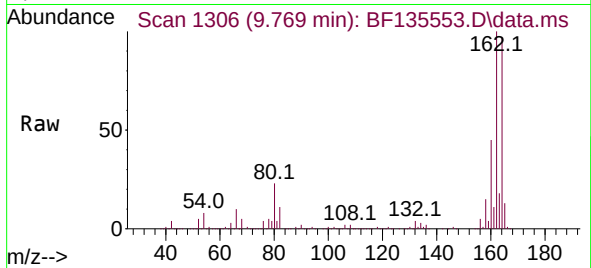




#57
2,4-Dinitrotoluene
Concen: 6.996 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

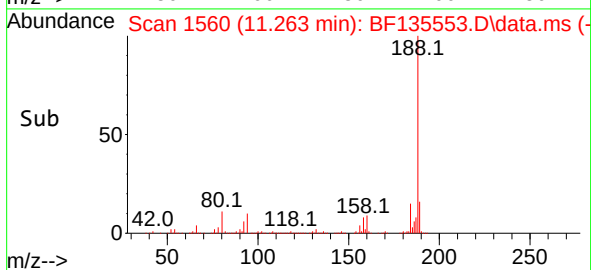
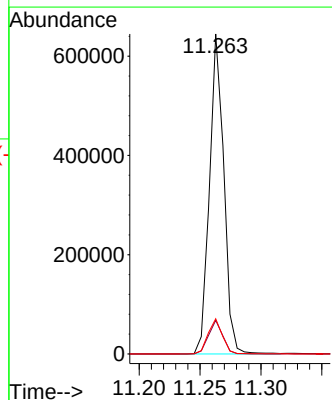
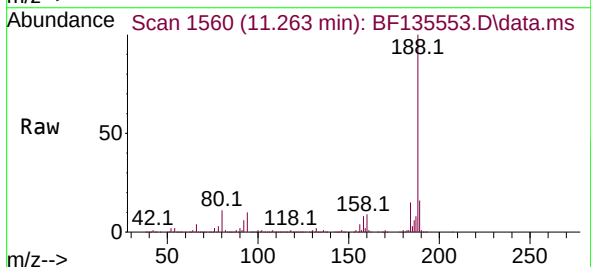
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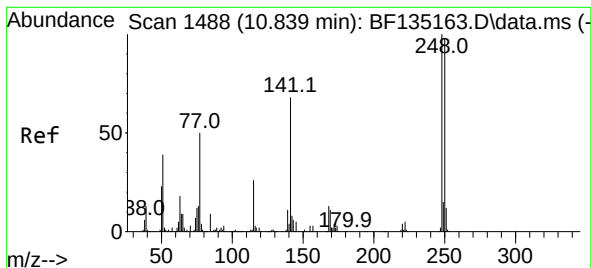
Tgt Ion:165 Resp: 36288
Ion Ratio Lower Upper
165 100
63 1.1 50.1 75.1#
89 1.6 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

Tgt Ion:188 Resp: 528580
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 11.0 7.5 11.3

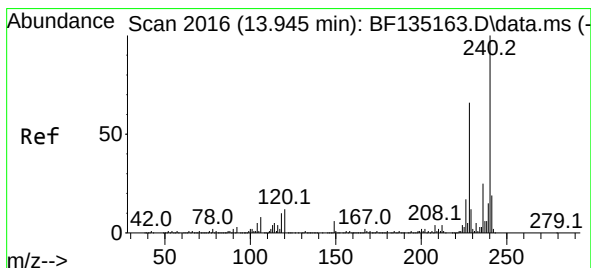
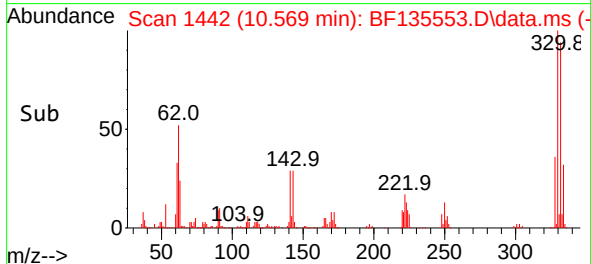
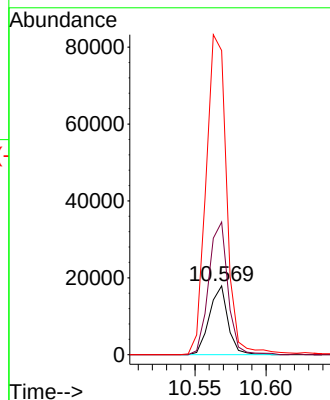
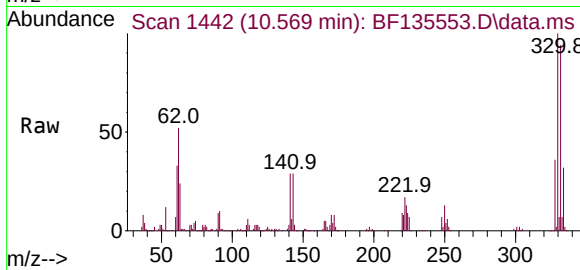




#67
4-Bromophenyl-phenylether
Concen: 3.095 ng
RT: 10.569 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

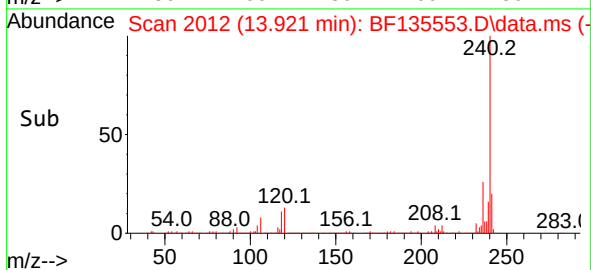
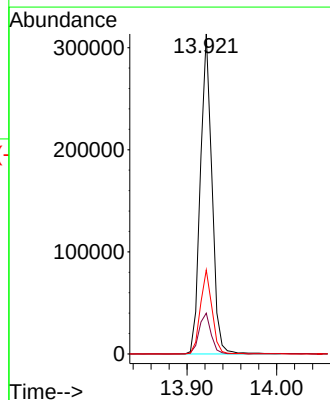
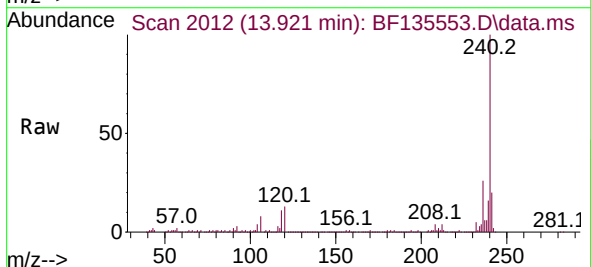
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-08

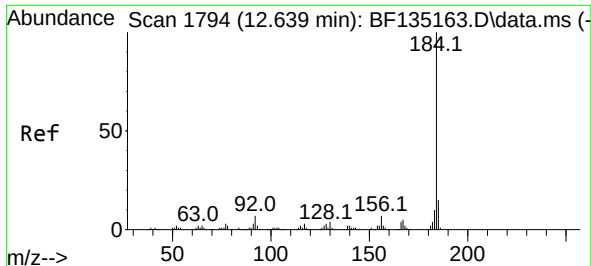
Tgt Ion:248 Resp: 16272
Ion Ratio Lower Upper
248 100
250 193.0 78.6 117.8#
141 442.4 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

Tgt Ion:240 Resp: 280311
Ion Ratio Lower Upper
240 100
120 12.7 9.4 14.2
236 26.3 19.8 29.8

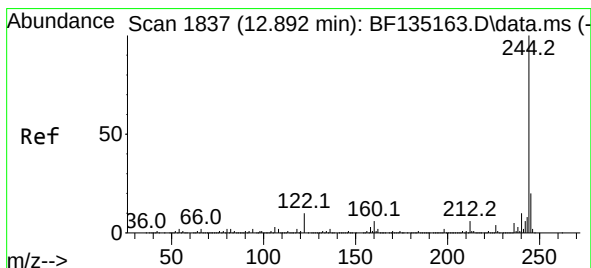
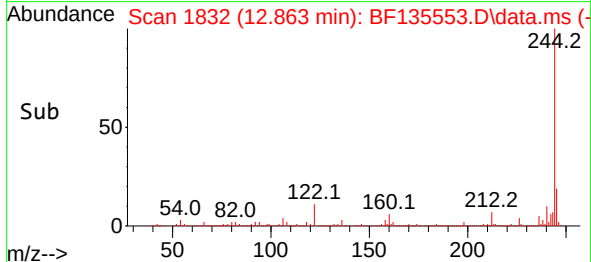
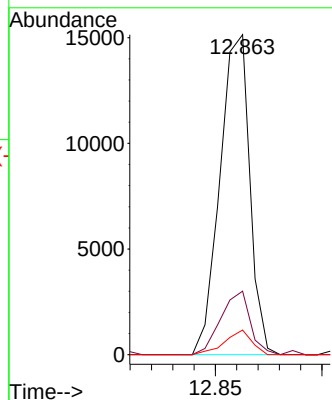
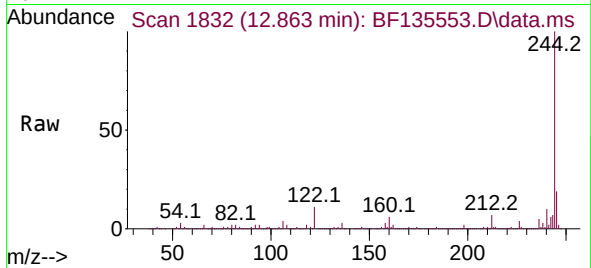




#77
Benzidine
Concen: 2.566 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.247 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

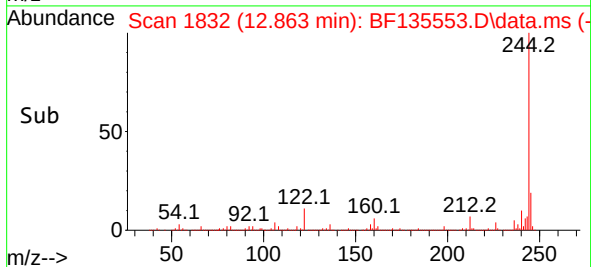
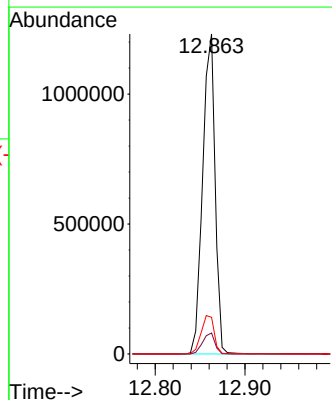
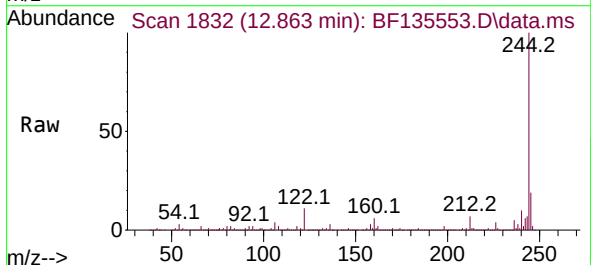
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-08

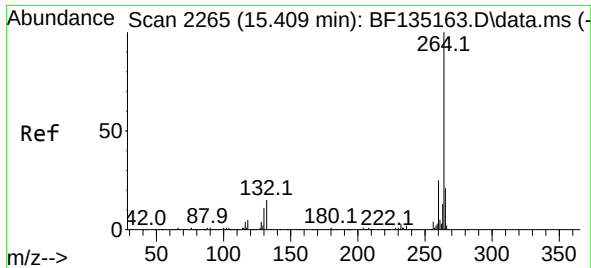
Tgt Ion:184 Resp: 14734
Ion Ratio Lower Upper
184 100
185 19.8 11.7 17.5#
183 7.7 8.2 12.4#



#79
Terphenyl-d14
Concen: 65.534 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF135553.D
Acq: 03 Oct 2023 21:18

Tgt Ion:244 Resp: 1185010
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 11.5 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: BF135553.D
 Acq: 03 Oct 2023 21:18

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-08

Tgt Ion:264 Resp: 290415
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.8 29.6
 265 21.5 17.0 25.4

