

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135550.D
 Acq On : 03 Oct 2023 19:41
 Operator : CG\JU
 Sample : 04627-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-05

Quant Time: Oct 04 07:12:14 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)

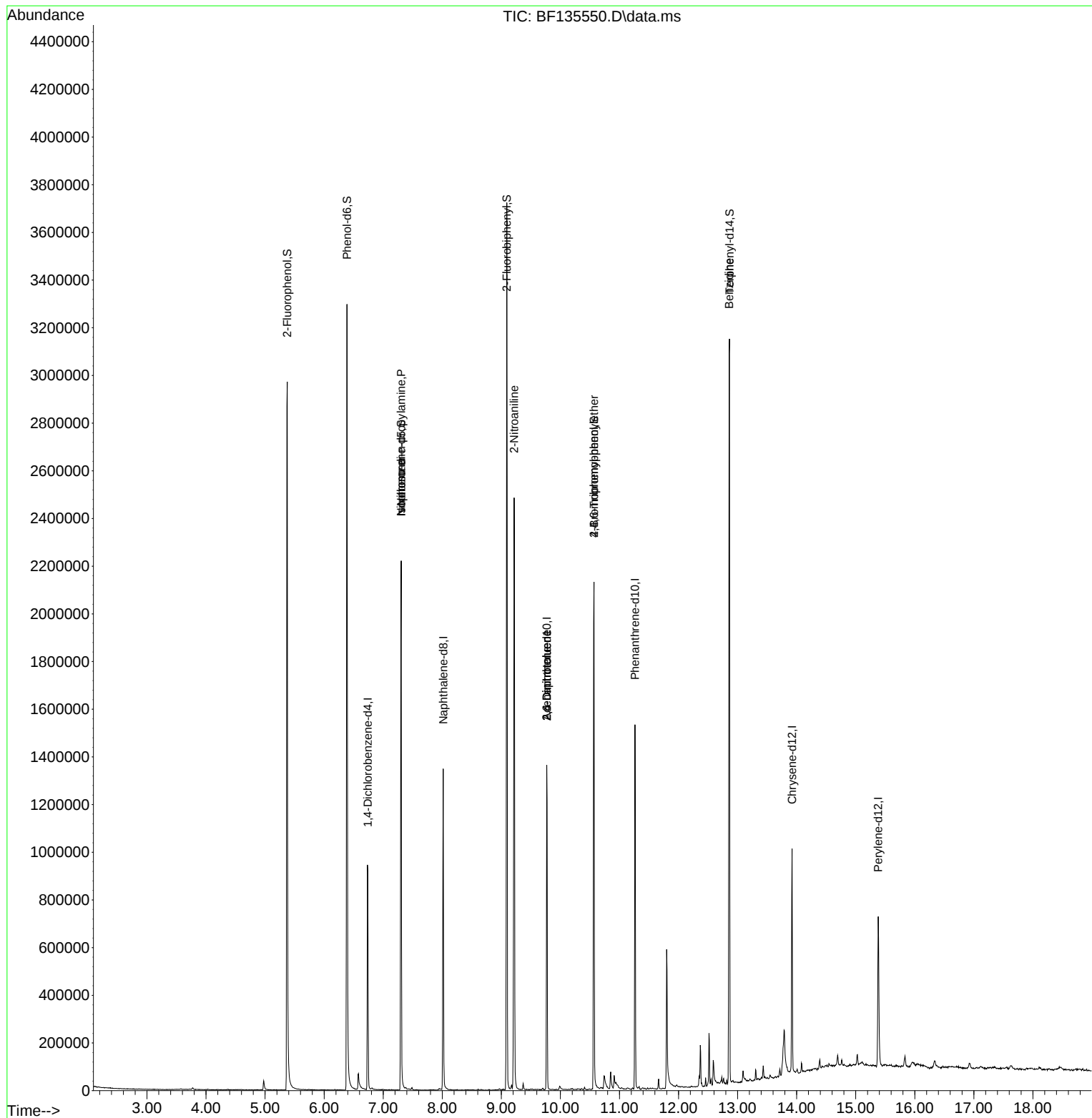
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	147840	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	570886	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	285372	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	535562	20.000	ng	# 0.00
76) Chrysene-d12	13.922	240	315138	20.000	ng	0.00
86) Perylene-d12	15.380	264	300131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	890099	97.923	ng	0.00
7) Phenol-d6	6.387	99	1120443	96.940	ng	0.00
23) Nitrobenzene-d5	7.304	82	690980	65.758	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	248945	87.783	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1189374	62.881	ng	0.00
79) Terphenyl-d14	12.863	244	1194798	58.773	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	91025	12.715	ng	# 77
25) Isophorone	7.304	82	689128	35.715	ng	# 65
48) 2-Nitroaniline	9.216	65	27475	4.445	ng	# 16
51) 2,6-Dinitrotoluene	9.769	165	36306	8.590	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	36306	6.861	ng	# 19
67) 4-Bromophenyl-phenylether	10.569	248	16339	3.067	ng	# 1
77) Benzidine	12.857	184	15791	2.446	ng	# 94

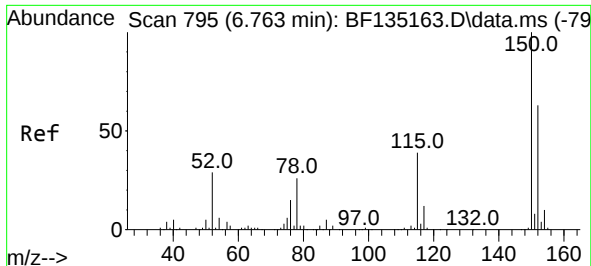
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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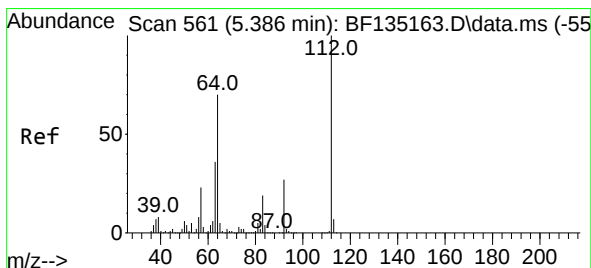
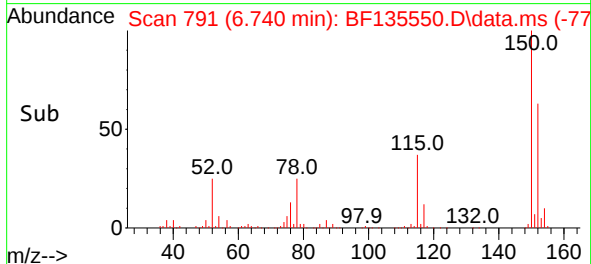
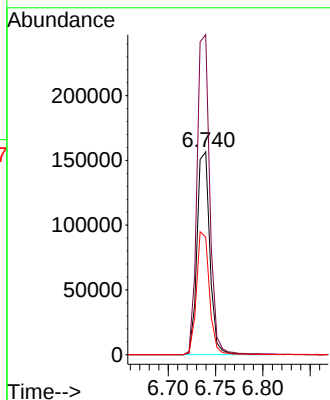
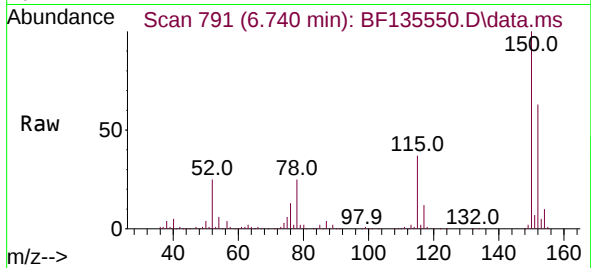




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135550.D
Acq: 03 Oct 2023 19:41

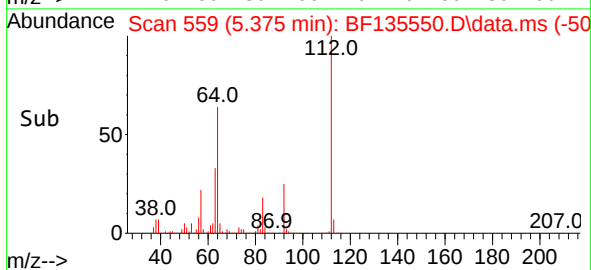
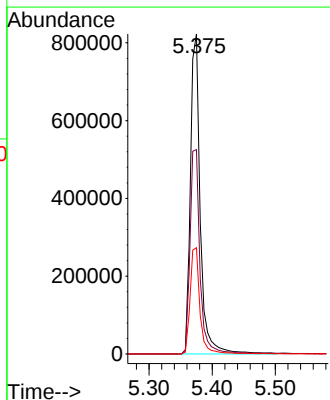
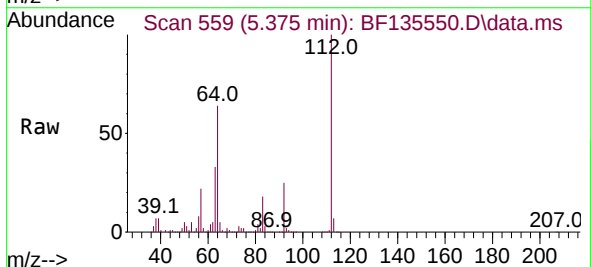
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-05

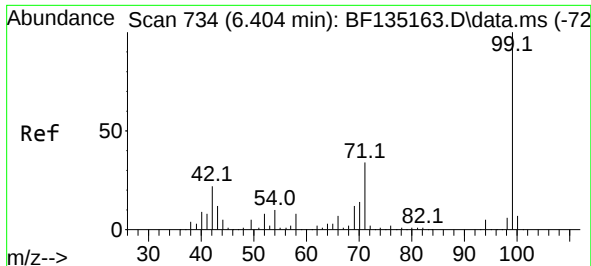
Tgt Ion:152 Resp: 147840
Ion Ratio Lower Upper
152 100
150 157.7 127.8 191.6
115 58.0 49.8 74.8



#5
2-Fluorophenol
Concen: 97.923 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135550.D
Acq: 03 Oct 2023 19:41

Tgt Ion:112 Resp: 890099
Ion Ratio Lower Upper
112 100
64 63.9 55.9 83.9
63 33.2 29.0 43.6





#7

Phenol-d6

Concen: 96.940 ng

RT: 6.387 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135550.D

Acq: 03 Oct 2023 19:41

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-05

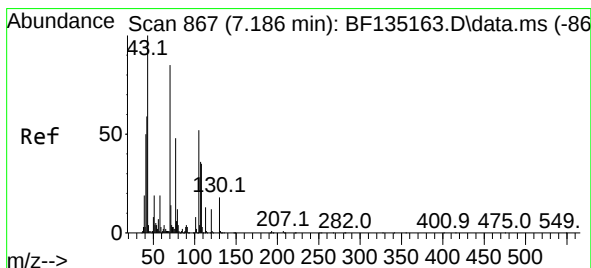
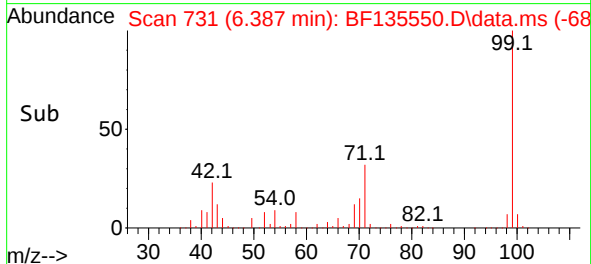
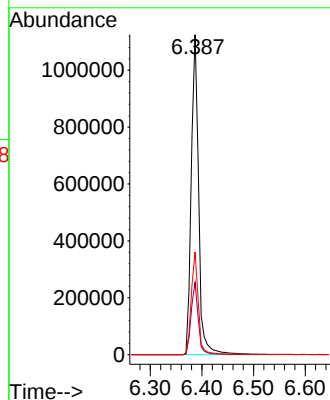
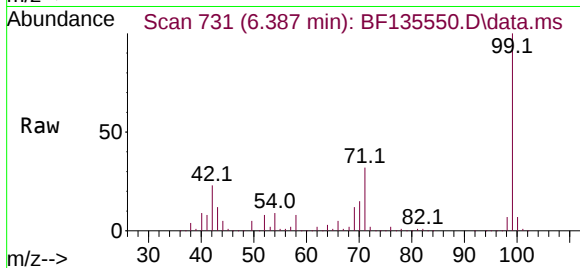
Tgt Ion: 99 Resp: 1120443

Ion Ratio Lower Upper

99 100

42 22.6 17.9 26.9

71 32.1 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.715 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.147 min

Lab File: BF135550.D

Acq: 03 Oct 2023 19:41

Tgt Ion: 70 Resp: 91025

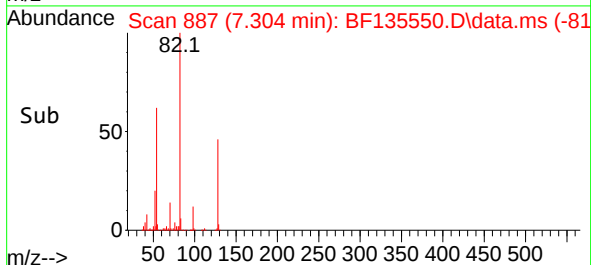
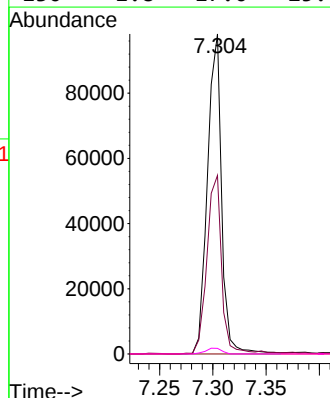
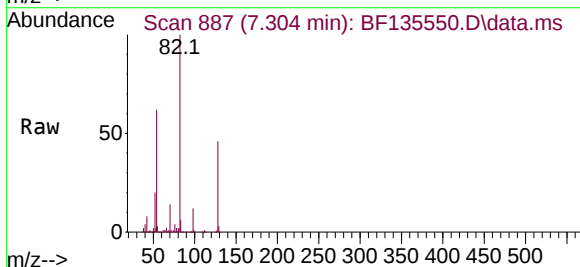
Ion Ratio Lower Upper

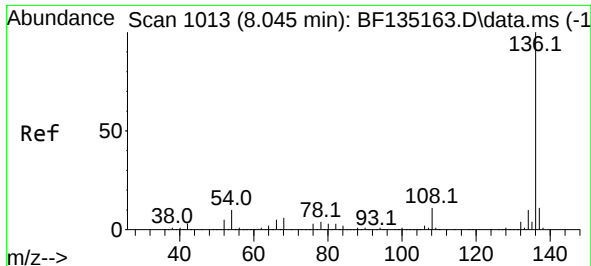
70 100

42 55.8 55.4 83.0

101 0.0 7.7 11.5#

130 1.8 17.0 25.6#

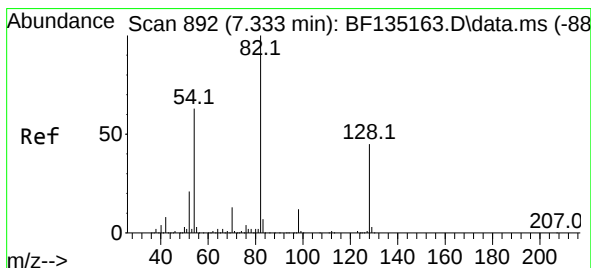
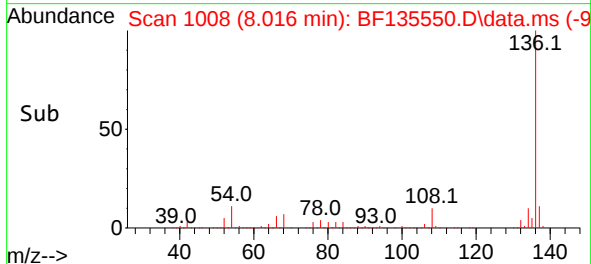
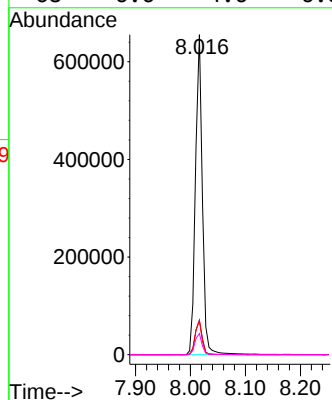
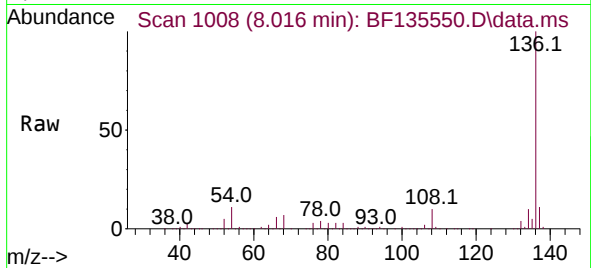




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135550.D
Acq: 03 Oct 2023 19:41

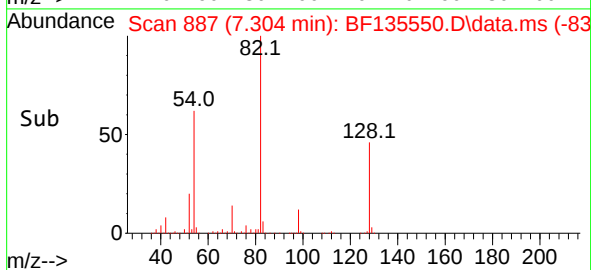
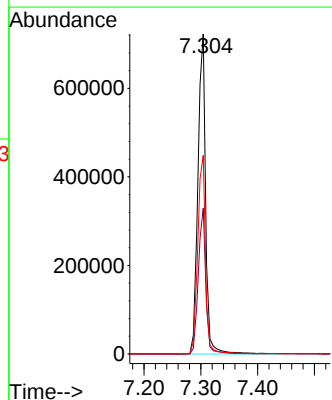
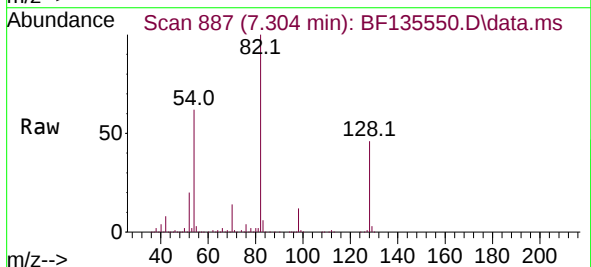
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-05

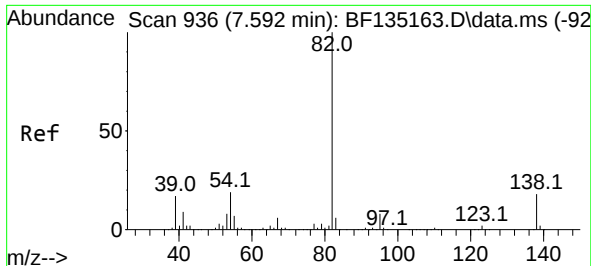
Tgt Ion:136 Resp: 570886
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.7 7.7 11.5
68 6.6 4.6 6.8



#23
Nitrobenzene-d5
Concen: 65.758 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135550.D
Acq: 03 Oct 2023 19:41

Tgt Ion: 82 Resp: 690980
Ion Ratio Lower Upper
82 100
128 45.6 35.8 53.6
54 62.1 50.6 76.0

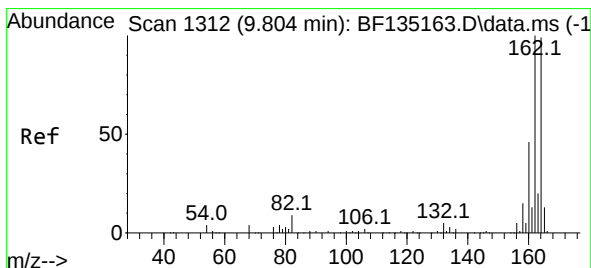
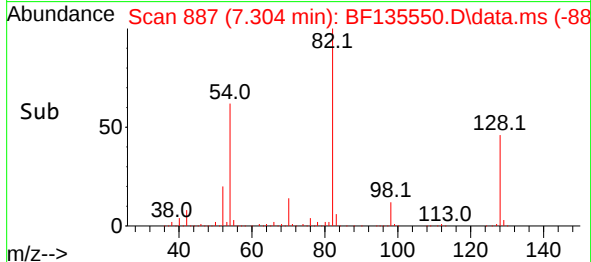
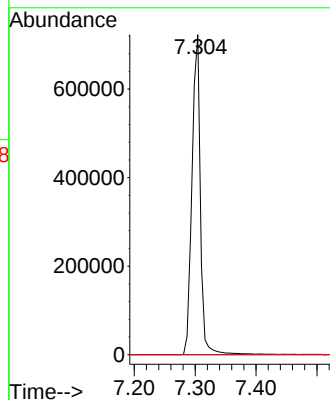
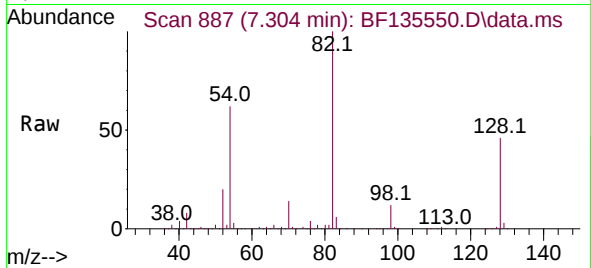




#25
Isophorone
Concen: 35.715 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135550.D
Acq: 03 Oct 2023 19:41

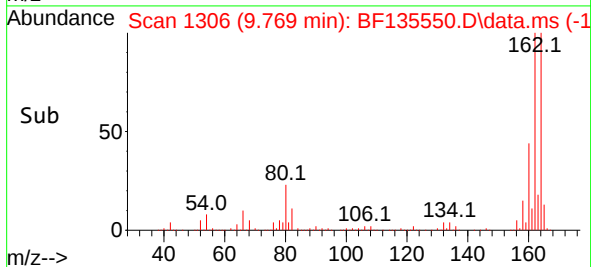
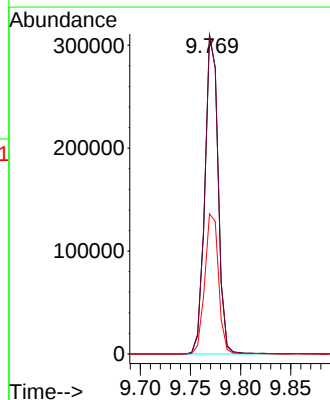
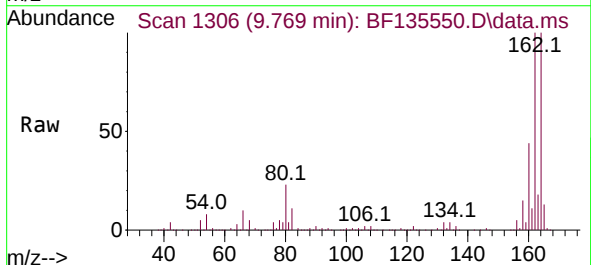
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-05

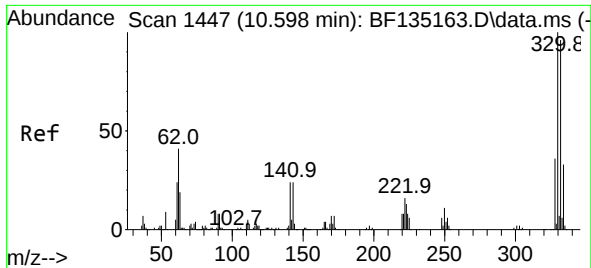
Tgt Ion: 82 Resp: 689128
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF135550.D
Acq: 03 Oct 2023 19:41

Tgt Ion:164 Resp: 285372
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.4
160 44.0 37.0 55.4

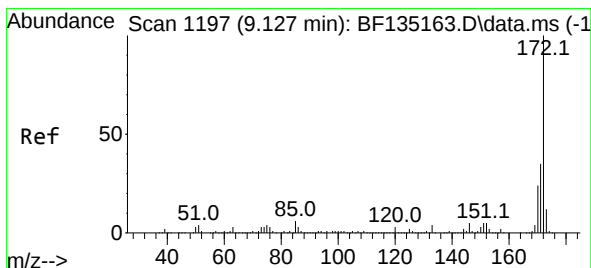
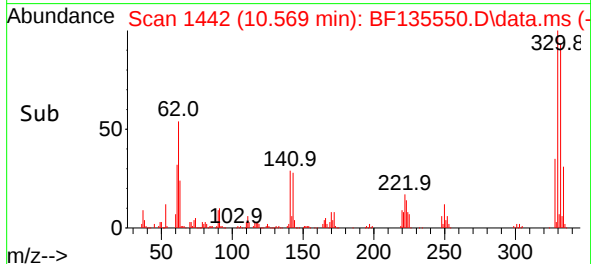
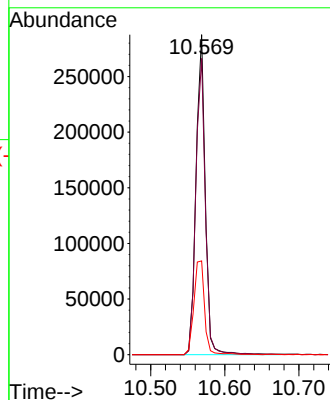
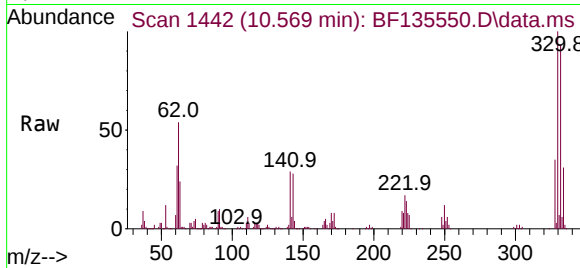




#42
2,4,6-Tribromophenol
Concen: 87.783 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135550.D
Acq: 03 Oct 2023 19:41

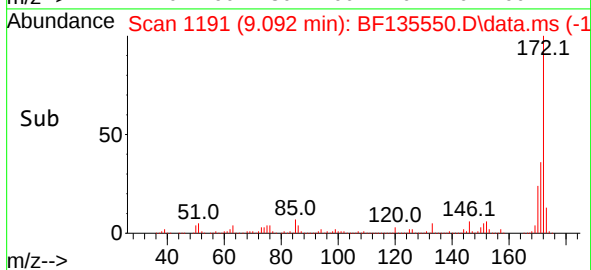
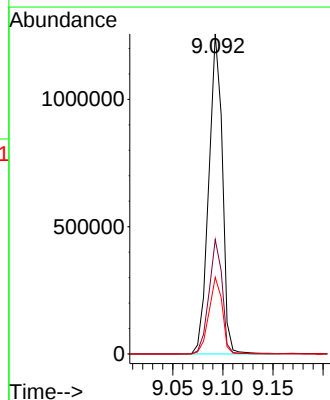
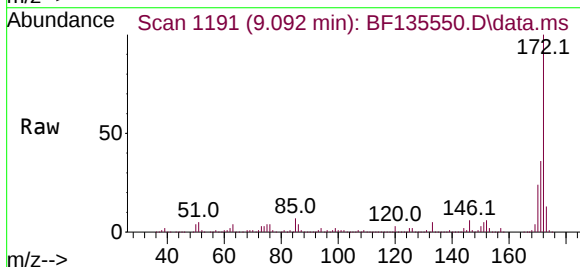
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BNA_F
ClientSampleId :
280-300FB-BACKFILL-05

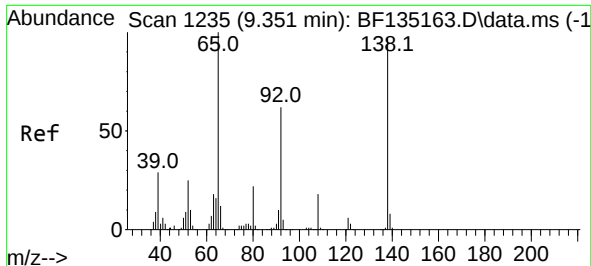
Tgt Ion:330 Resp: 248945
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 34.0 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 62.881 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135550.D
Acq: 03 Oct 2023 19:41

Tgt Ion:172 Resp: 1189374
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.0 19.0 28.4

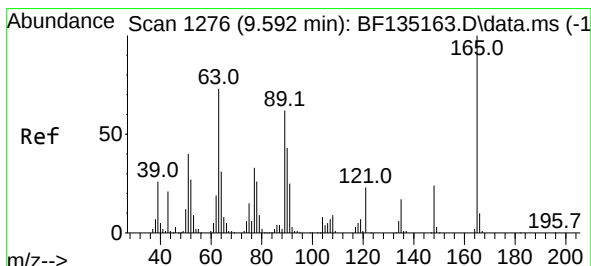
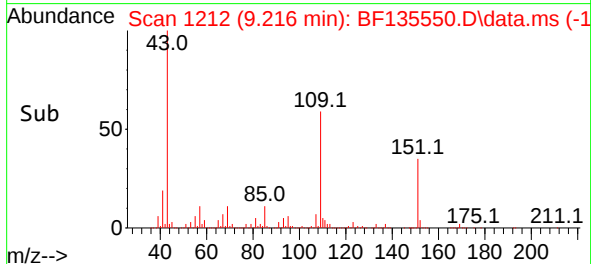
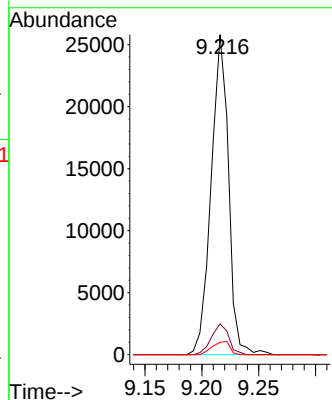
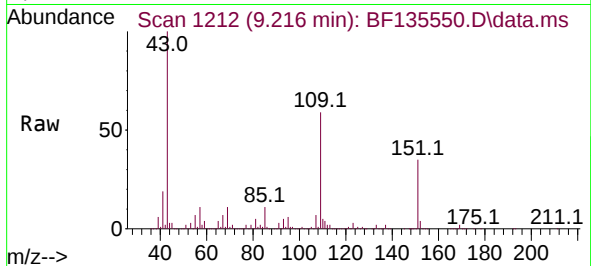




#48
2-Nitroaniline
Concen: 4.445 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.112 min
Lab File: BF135550.D
Acq: 03 Oct 2023 19:41

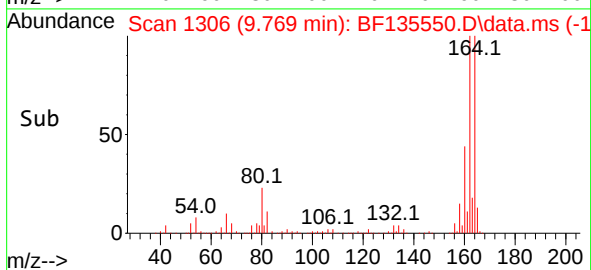
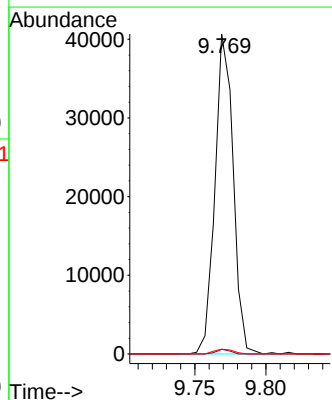
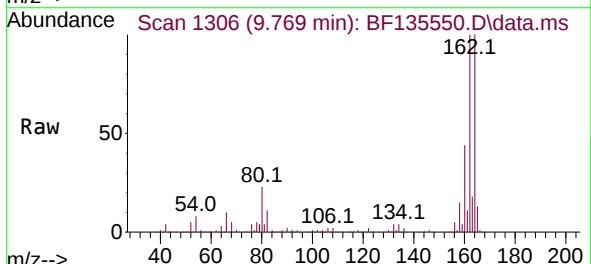
Instrument :
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ClientSampleId :
280-300FB-BACKFILL-05

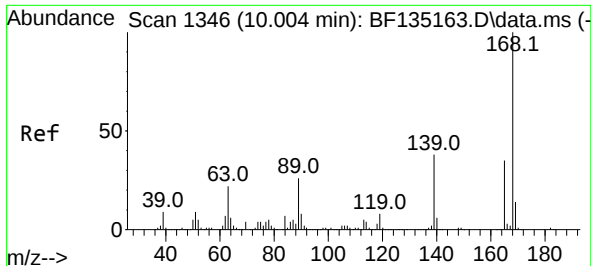
Tgt Ion: 65 Resp: 27475
Ion Ratio Lower Upper
65 100
92 9.6 49.4 74.0#
138 3.9 77.4 116.0#



#51
2,6-Dinitrotoluene
Concen: 8.590 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.194 min
Lab File: BF135550.D
Acq: 03 Oct 2023 19:41

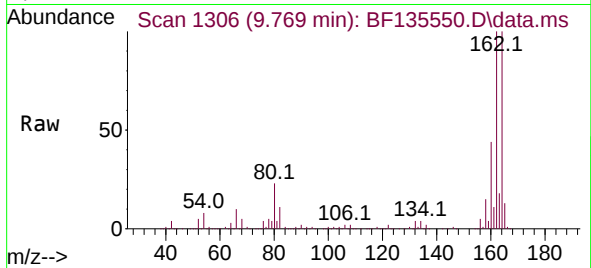
Tgt Ion: 165 Resp: 36306
Ion Ratio Lower Upper
165 100
63 1.5 59.4 89.2#
89 1.5 49.8 74.8#



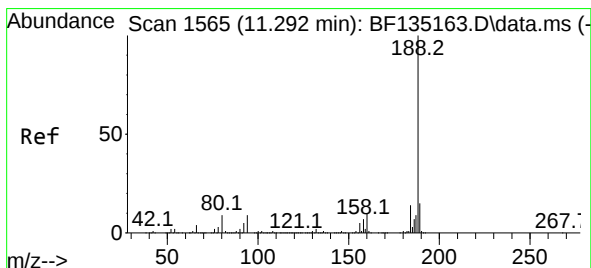
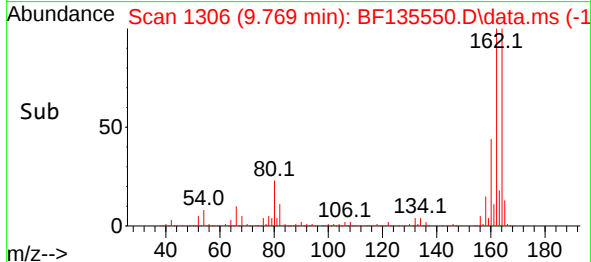
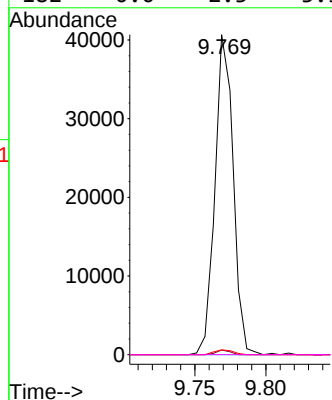


#57
2,4-Dinitrotoluene
Concen: 6.861 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135550.D
Acq: 03 Oct 2023 19:41

Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-05

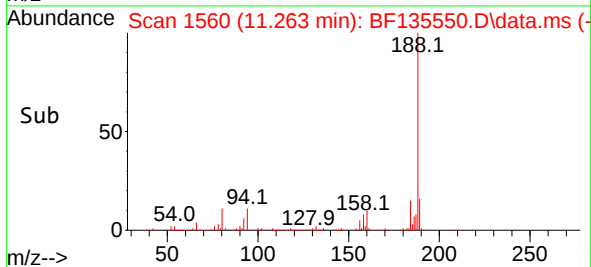
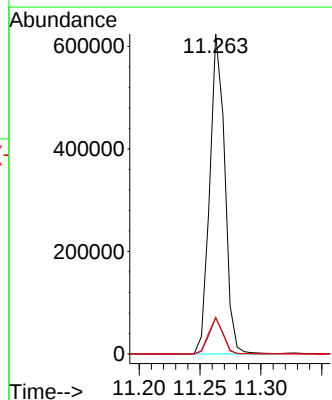
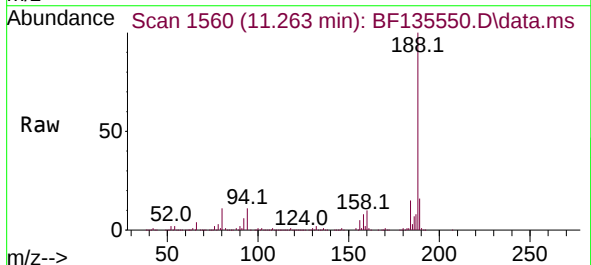


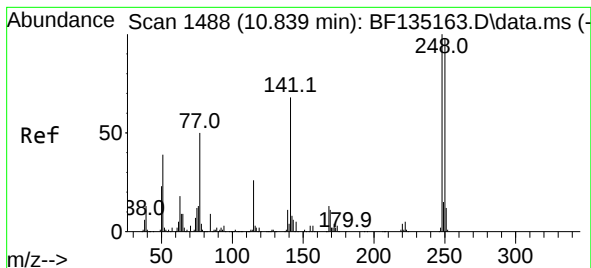
Tgt Ion:165 Resp: 36306
Ion Ratio Lower Upper
165 100
63 1.5 50.1 75.1#
89 1.5 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF135550.D
Acq: 03 Oct 2023 19:41

Tgt Ion:188 Resp: 535562
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.6#
80 11.5 7.5 11.3#

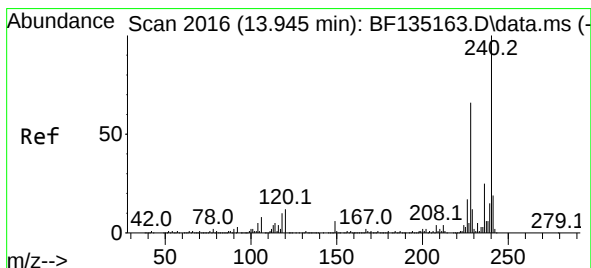
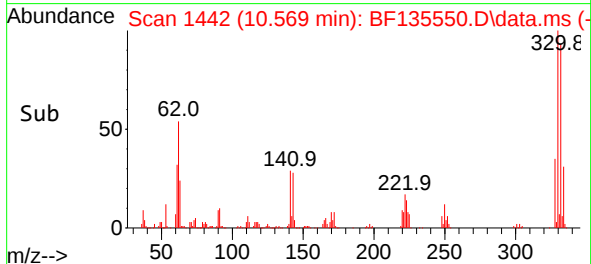
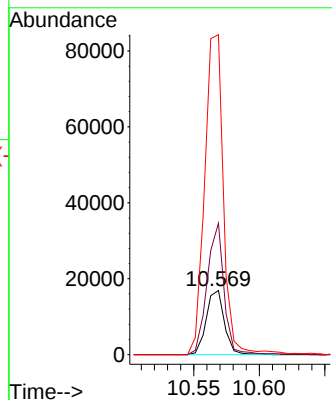
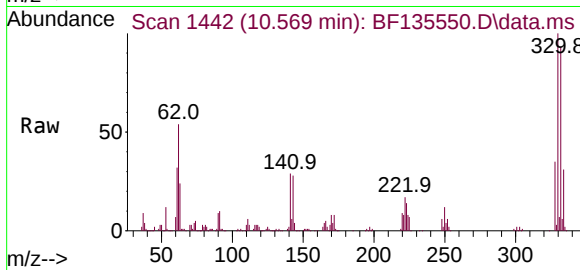




#67
4-Bromophenyl-phenylether
Concen: 3.067 ng
RT: 10.569 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135550.D
Acq: 03 Oct 2023 19:41

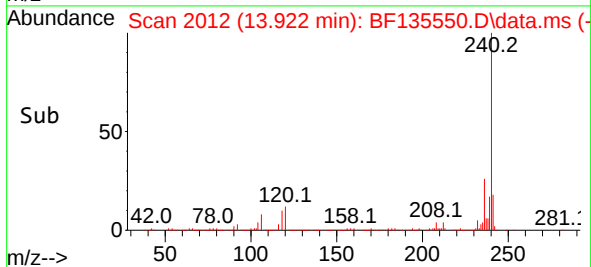
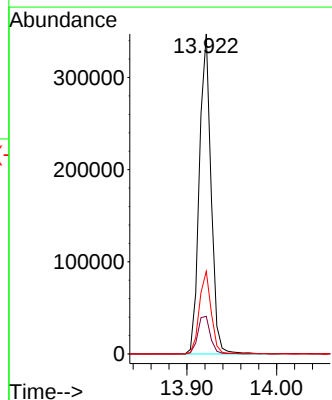
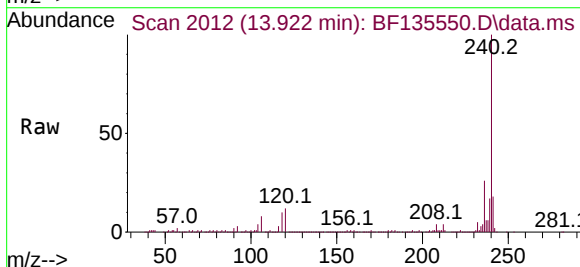
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-05

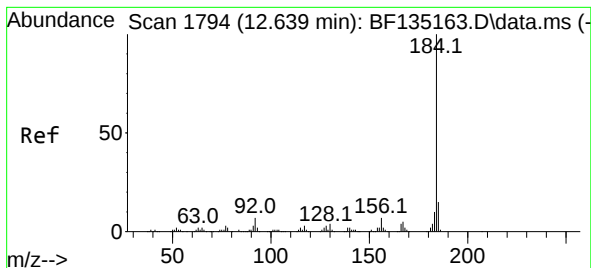
Tgt Ion:248 Resp: 16339
Ion Ratio Lower Upper
248 100
250 205.2 78.6 117.8#
141 499.1 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.922 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF135550.D
Acq: 03 Oct 2023 19:41

Tgt Ion:240 Resp: 315138
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.2
236 25.8 19.8 29.8





#77

Benzidine

Concen: 2.446 ng

RT: 12.857 min Scan# 1831

Delta R.T. 0.241 min

Lab File: BF135550.D

Acq: 03 Oct 2023 19:41

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-05

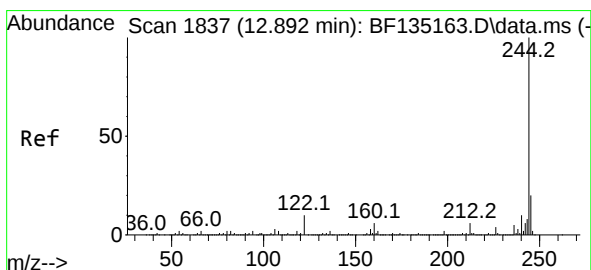
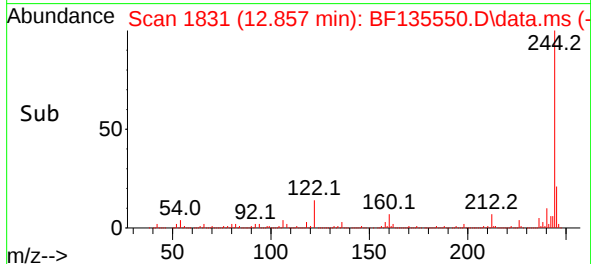
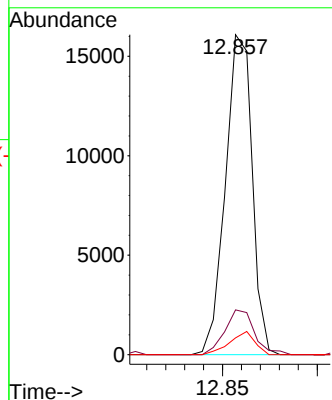
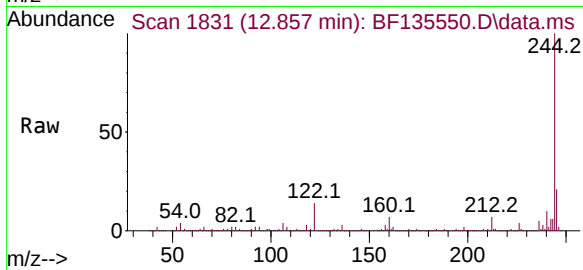
Tgt Ion:184 Resp: 15791

Ion Ratio Lower Upper

184 100

185 14.0 11.7 17.5

183 5.3 8.2 12.4#



#79

Terphenyl-d14

Concen: 58.773 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF135550.D

Acq: 03 Oct 2023 19:41

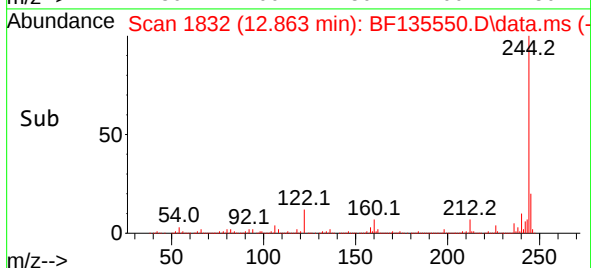
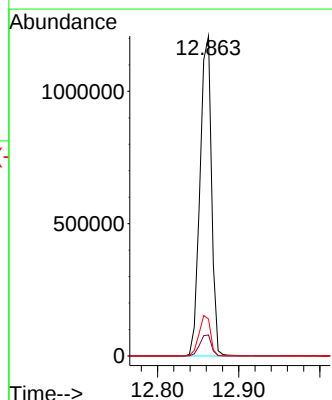
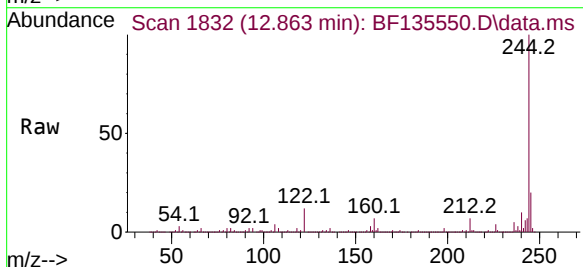
Tgt Ion:244 Resp: 1194798

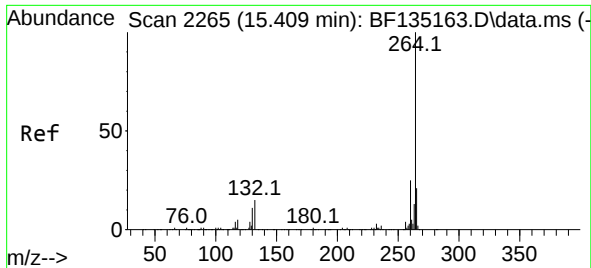
Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

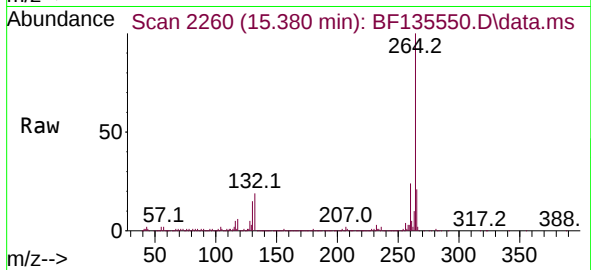
122 11.6 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135550.D
Acq: 03 Oct 2023 19:41

Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-05



Tgt Ion:264 Resp: 300131
Ion Ratio Lower Upper
264 100
260 23.7 19.8 29.6
265 21.1 17.0 25.4

