

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135557.D
 Acq On : 03 Oct 2023 23:26
 Operator : CG\JU
 Sample : 04627-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-12

Quant Time: Oct 04 07:14:29 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)

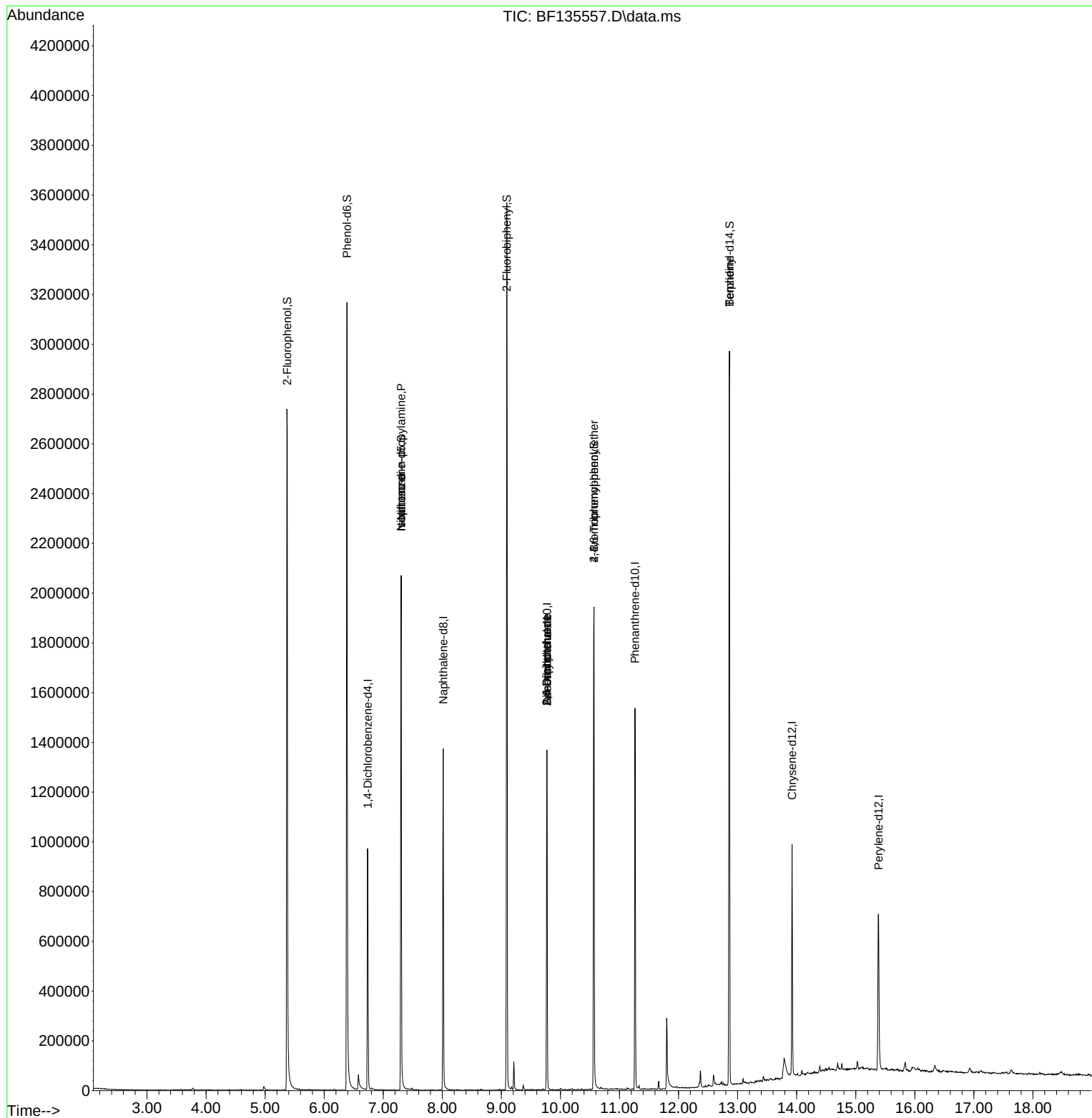
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	150877	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	579520	20.000	ng	# 0.00
39) Acenaphthene-d10	9.774	164	292859	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	552576	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	289011	20.000	ng	0.00
86) Perylene-d12	15.386	264	316882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	827968	89.255	ng	0.00
7) Phenol-d6	6.386	99	1033661	87.631	ng	0.00
23) Nitrobenzene-d5	7.304	82	636858	59.705	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	232035	79.729	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1118493	57.621	ng	0.00
79) Terphenyl-d14	12.863	244	1087661	58.340	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	84299	11.538	ng	# 79
25) Isophorone	7.304	82	636851	32.514	ng	# 65
50) Dimethylphthalate	9.774	163	59210	2.990	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	37115	8.557	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	37115	6.835	ng	# 19
67) 4-Bromophenyl-phenylether	10.569	248	14326	2.607	ng	# 1
77) Benzidine	12.863	184	13742	2.321	ng	# 95

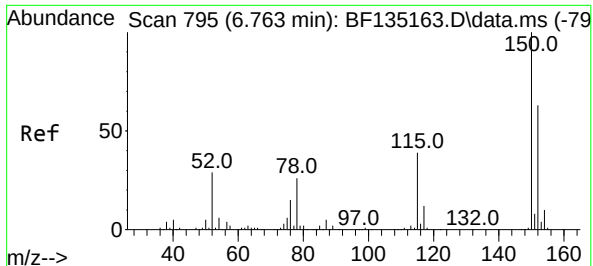
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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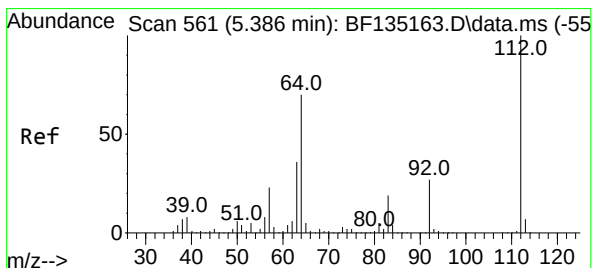
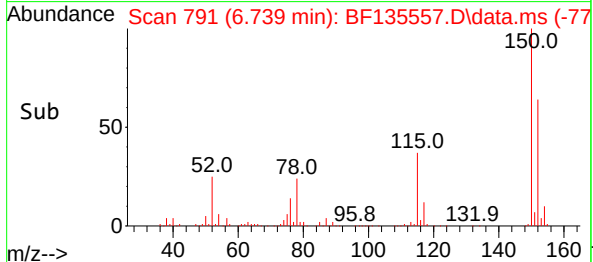
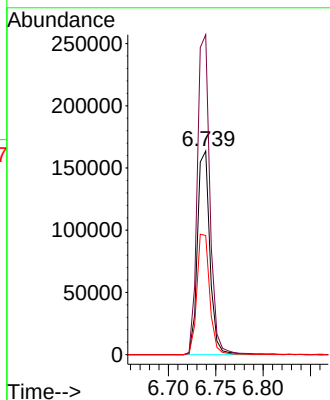
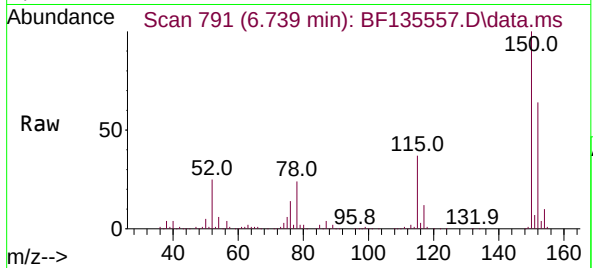




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

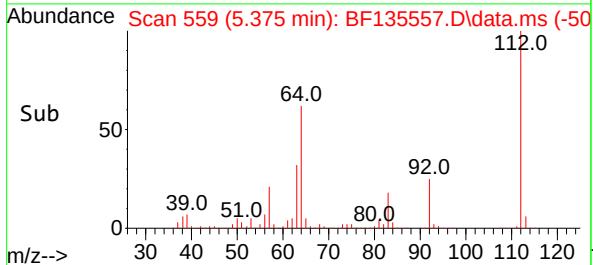
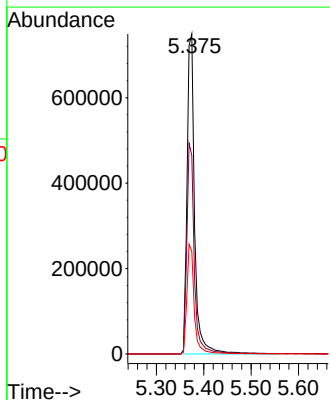
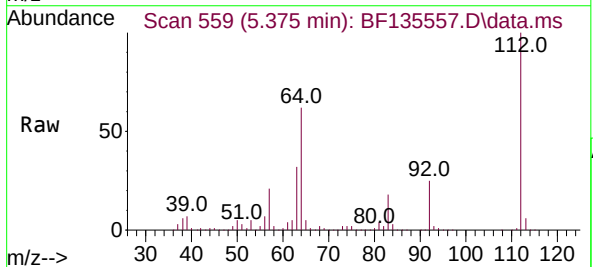
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-12

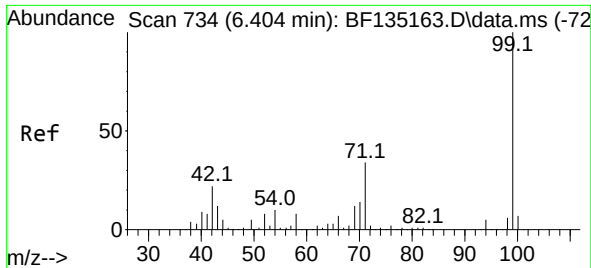
Tgt Ion:152 Resp: 150877
Ion Ratio Lower Upper
152 100
150 157.1 127.8 191.6
115 58.5 49.8 74.8



#5
2-Fluorophenol
Concen: 89.255 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

Tgt Ion:112 Resp: 827968
Ion Ratio Lower Upper
112 100
64 62.0 55.9 83.9
63 32.1 29.0 43.6

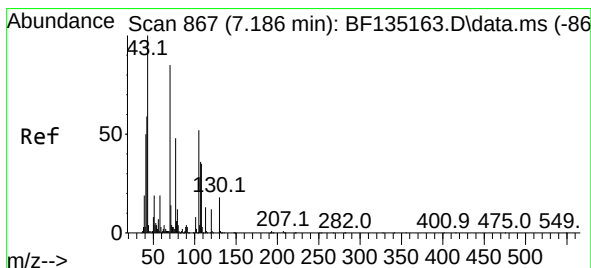
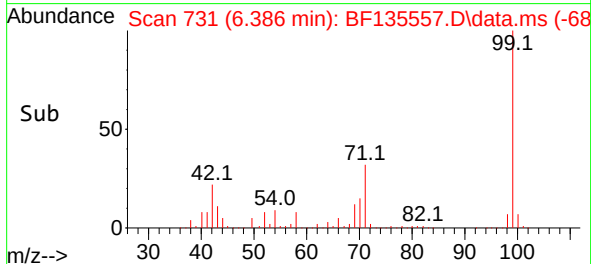
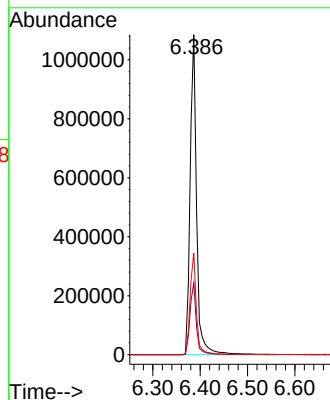
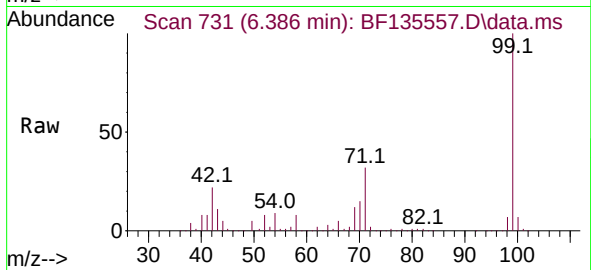




#7
Phenol-d6
Concen: 87.631 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

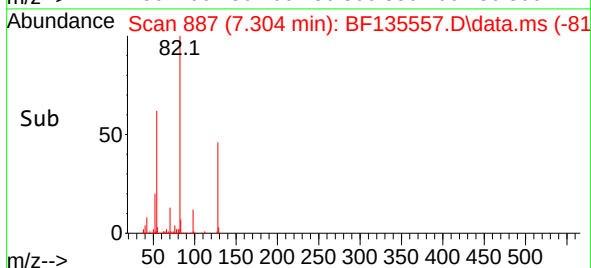
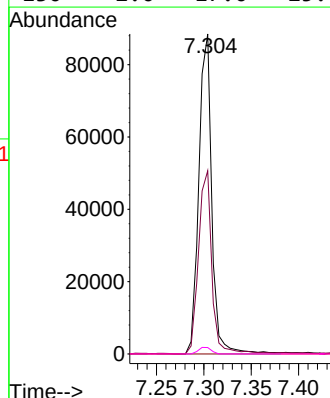
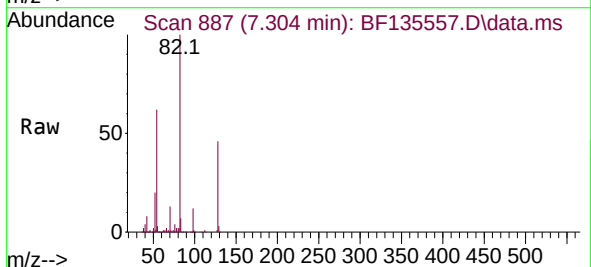
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-12

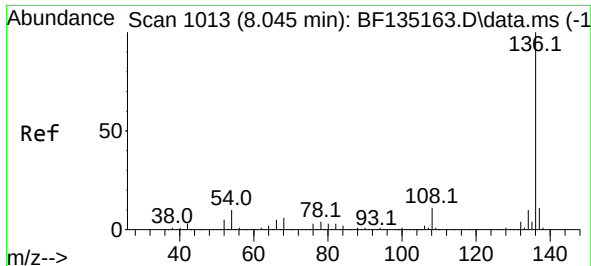
Tgt Ion: 99 Resp: 1033661
Ion Ratio Lower Upper
99 100
42 22.4 17.9 26.9
71 31.7 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.538 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

Tgt Ion: 70 Resp: 84299
Ion Ratio Lower Upper
70 100
42 57.3 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#

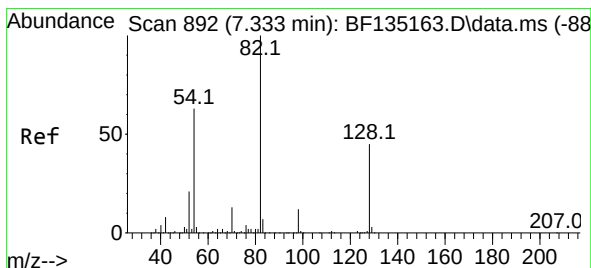
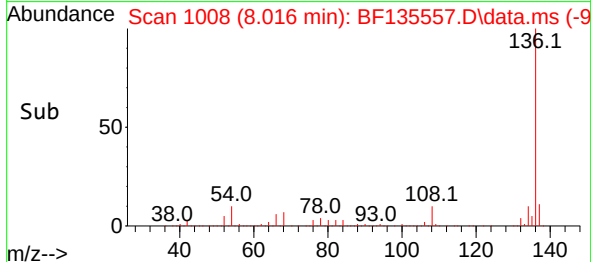
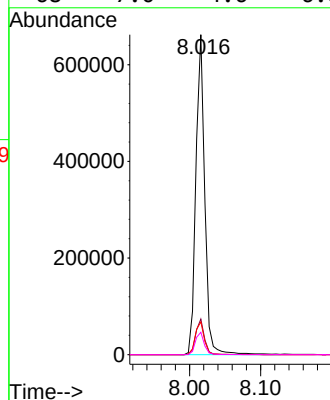
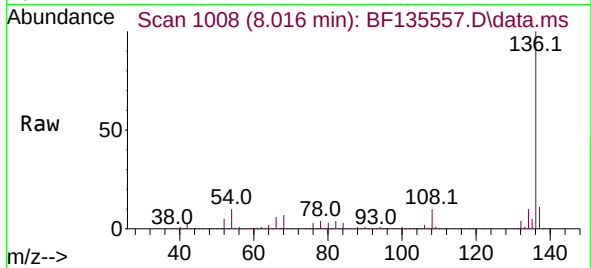




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

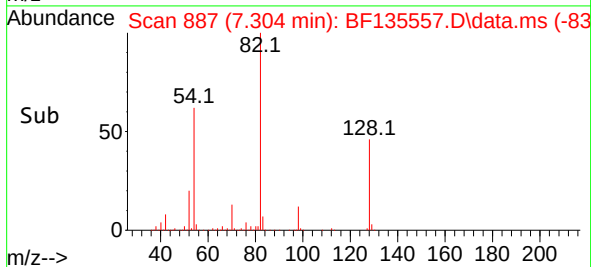
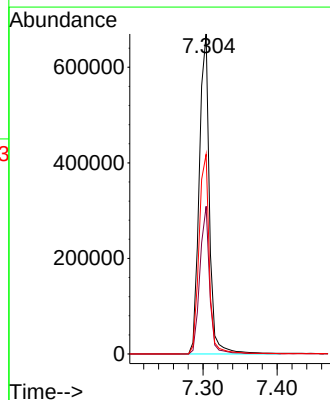
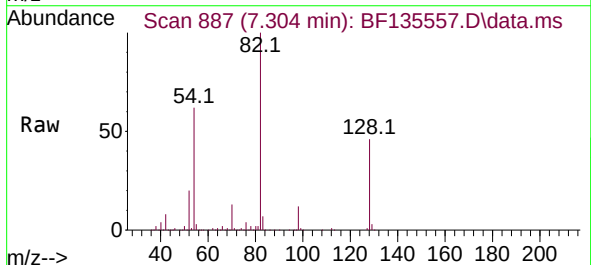
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-12

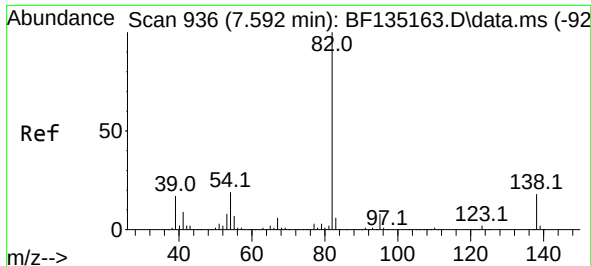
Tgt Ion:136 Resp: 579520
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.3 7.7 11.5
68 7.0 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 59.705 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

Tgt Ion: 82 Resp: 636858
Ion Ratio Lower Upper
82 100
128 46.2 35.8 53.6
54 62.4 50.6 76.0

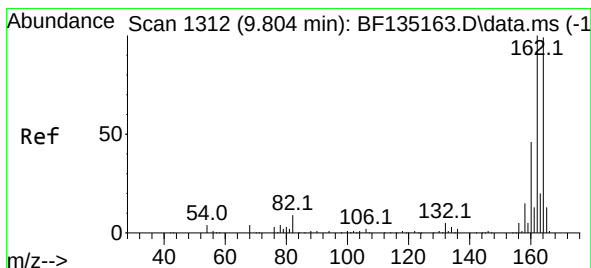
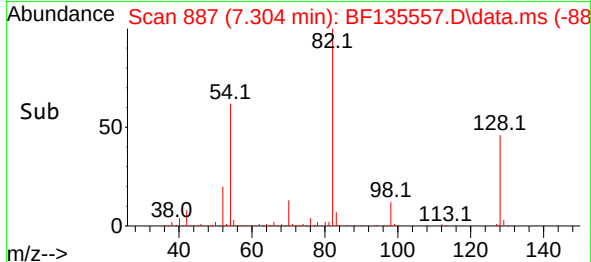
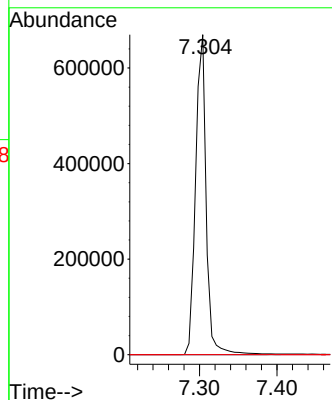
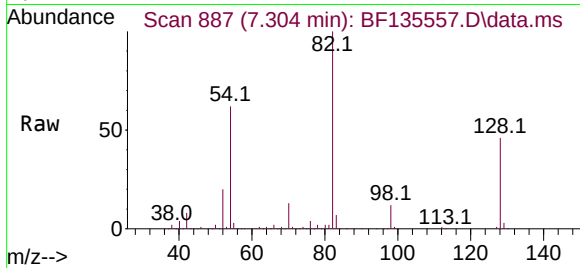




#25
Isophorone
Concen: 32.514 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

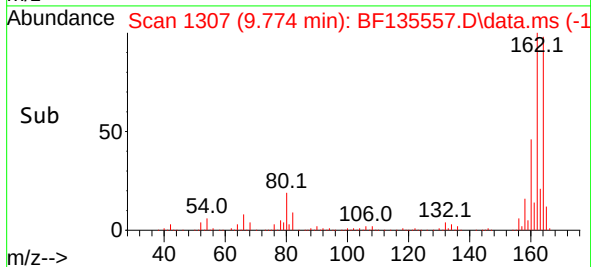
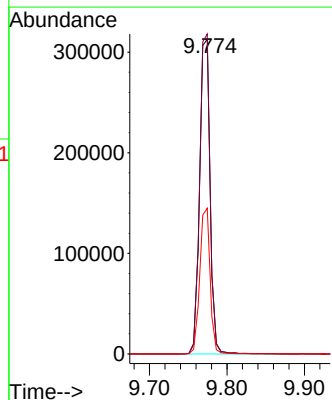
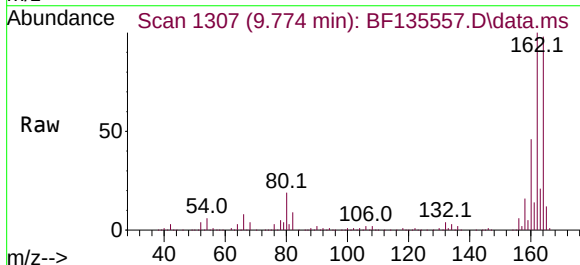
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-12

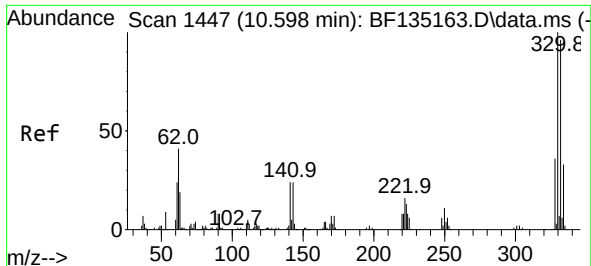
Tgt Ion: 82 Resp: 636851
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

Tgt Ion: 164 Resp: 292859
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 46.3 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 79.729 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF135557.D

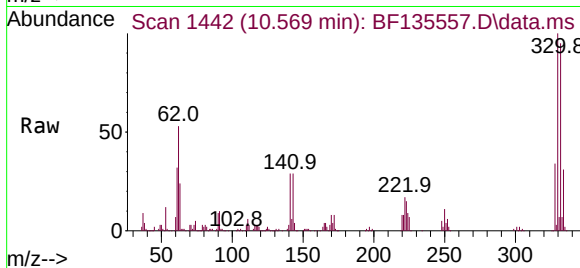
Acq: 03 Oct 2023 23:26

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-12



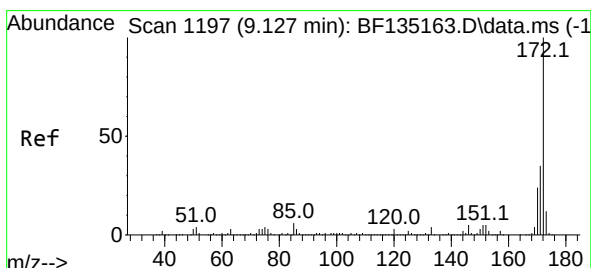
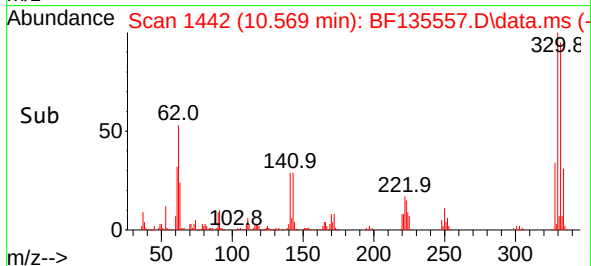
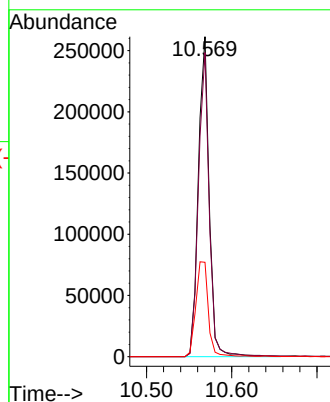
Tgt Ion:330 Resp: 232035

Ion Ratio Lower Upper

330 100

332 94.8 77.3 115.9

141 34.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 57.621 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135557.D

Acq: 03 Oct 2023 23:26

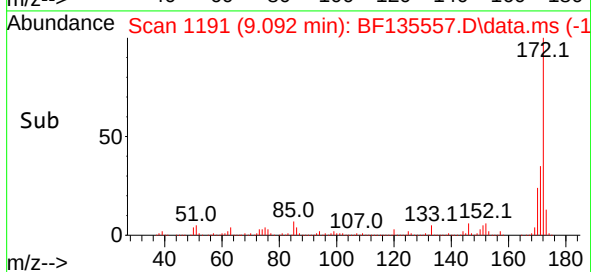
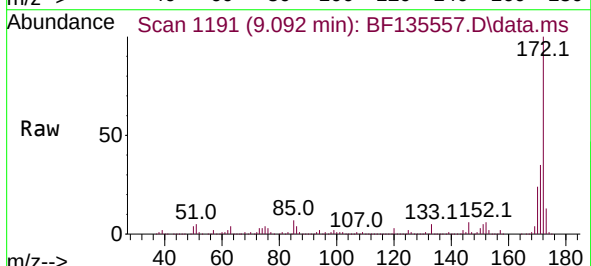
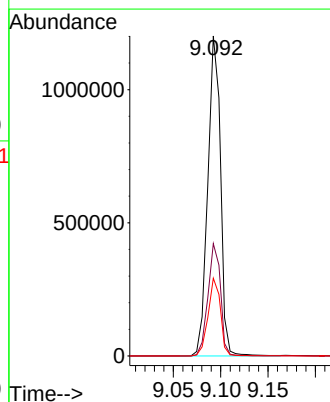
Tgt Ion:172 Resp: 1118493

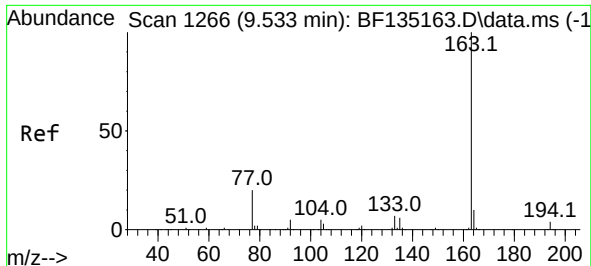
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 24.3 19.0 28.4

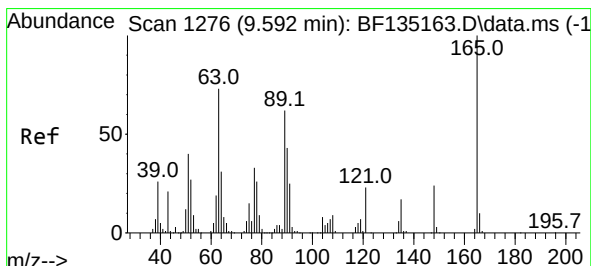
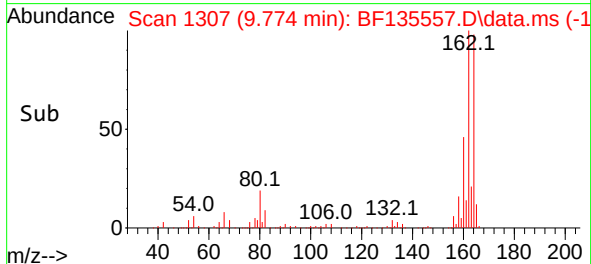
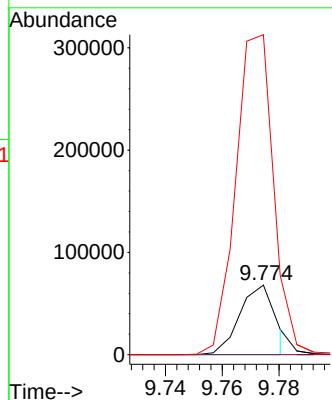
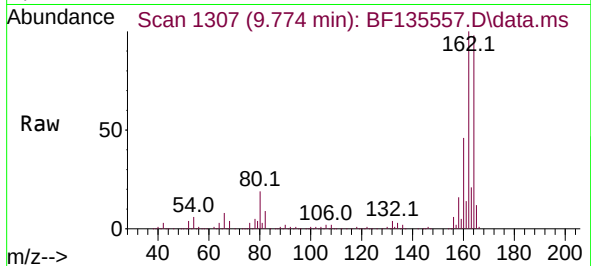




#50
Dimethylphthalate
Concen: 2.990 ng
RT: 9.774 min Scan# 11
Delta R.T. 0.271 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

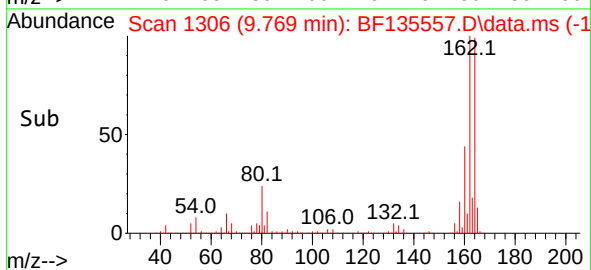
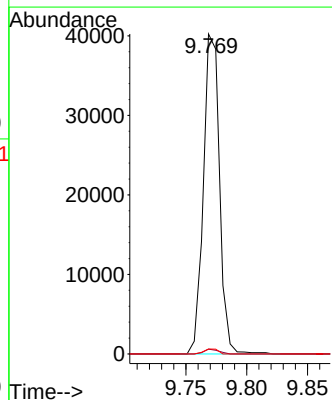
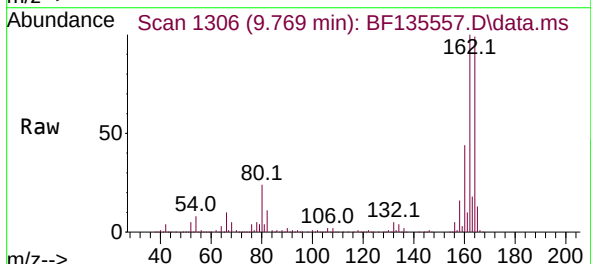
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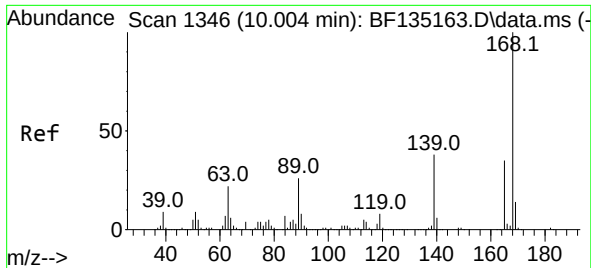
Tgt Ion:163 Resp: 59210
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 459.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.557 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.194 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

Tgt Ion:165 Resp: 37115
Ion Ratio Lower Upper
165 100
63 1.5 59.4 89.2#
89 1.6 49.8 74.8#

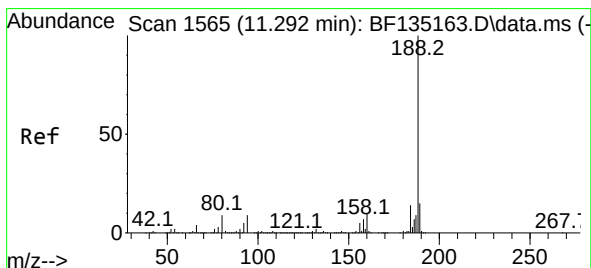
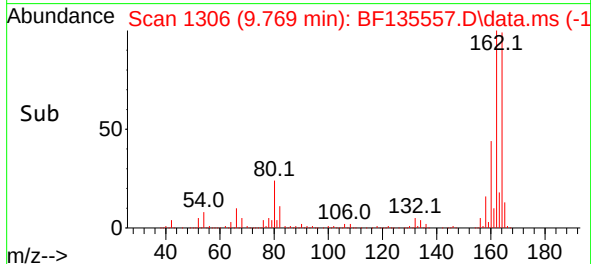
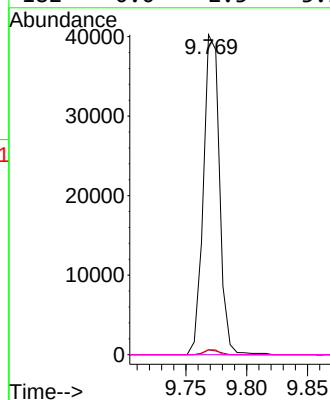
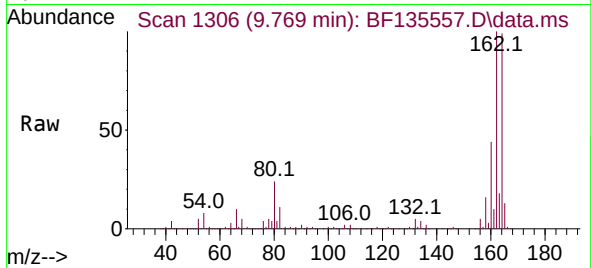




#57
2,4-Dinitrotoluene
Concen: 6.835 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

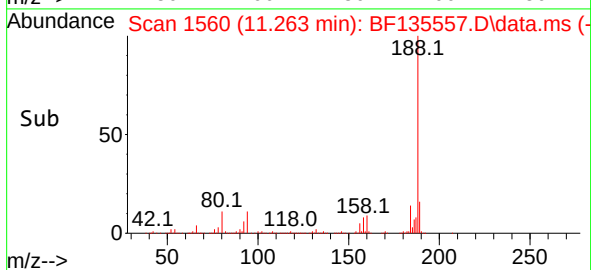
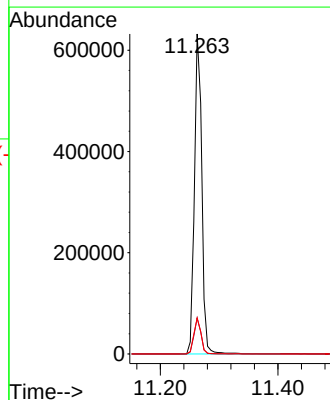
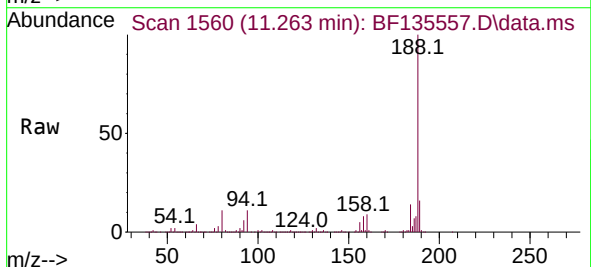
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-12

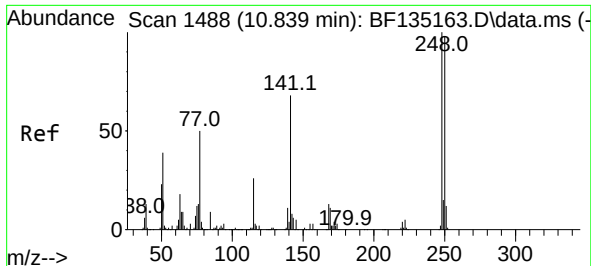
Tgt Ion:165 Resp: 37115
Ion Ratio Lower Upper
165 100
63 1.5 50.1 75.1#
89 1.6 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

Tgt Ion:188 Resp: 552576
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.6#
80 11.2 7.5 11.3

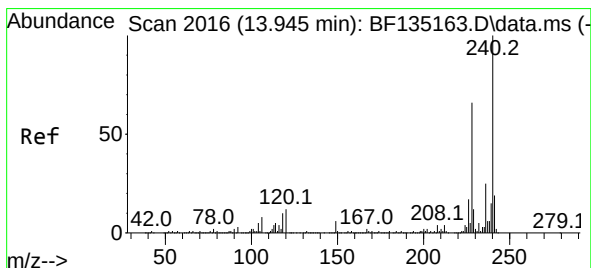
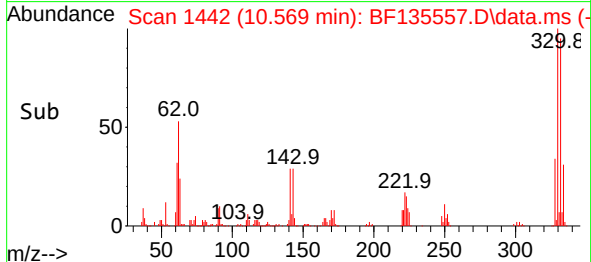
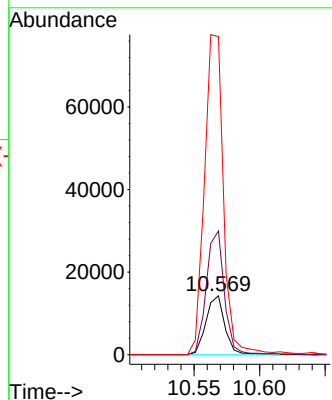
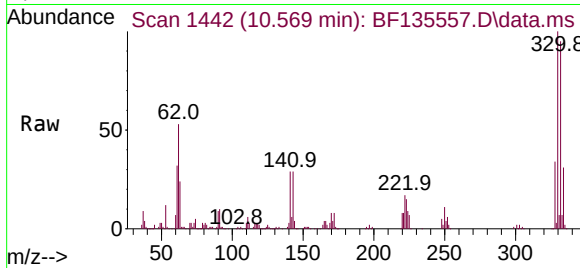




#67
4-Bromophenyl-phenylether
Concen: 2.607 ng
RT: 10.569 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

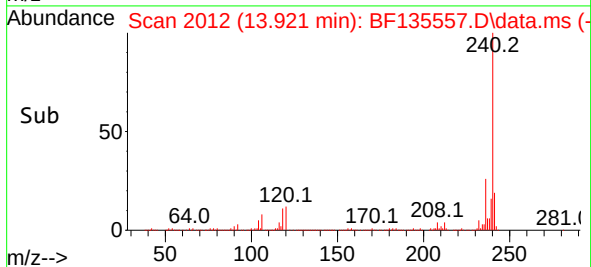
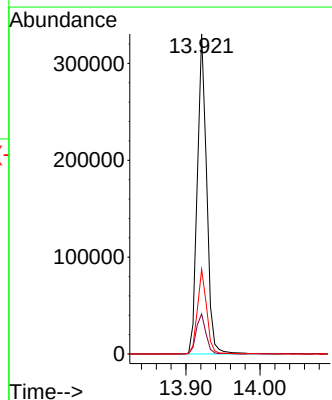
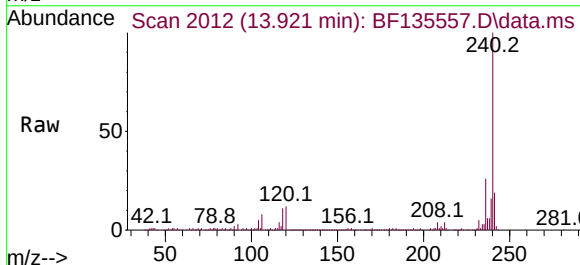
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-12

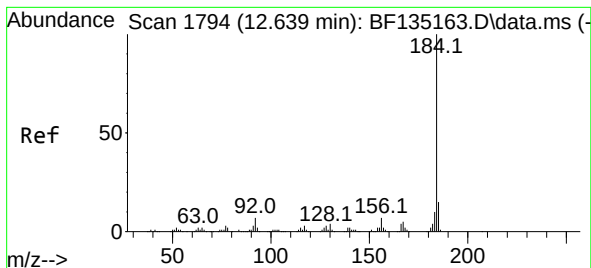
Tgt Ion:248 Resp: 14326
Ion Ratio Lower Upper
248 100
250 210.0 78.6 117.8#
141 540.3 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

Tgt Ion:240 Resp: 289011
Ion Ratio Lower Upper
240 100
120 12.5 9.4 14.2
236 26.4 19.8 29.8





#77

Benzidine

Concen: 2.321 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.247 min

Lab File: BF135557.D

Acq: 03 Oct 2023 23:26

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-12

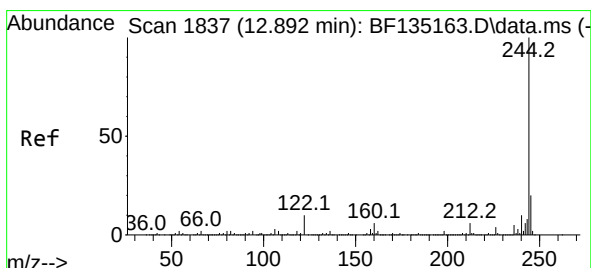
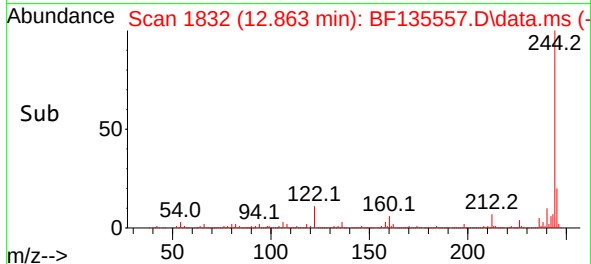
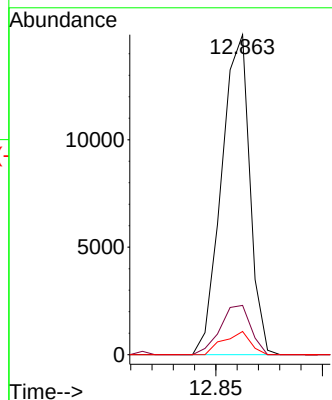
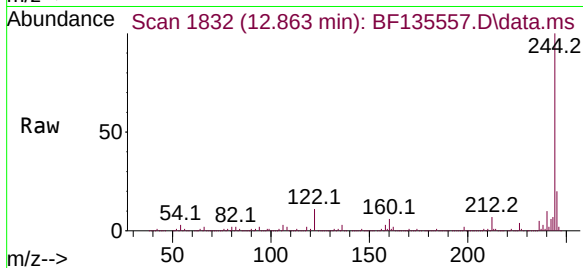
Tgt Ion:184 Resp: 13742

Ion Ratio Lower Upper

184 100

185 15.4 11.7 17.5

183 7.3 8.2 12.4#



#79

Terphenyl-d14

Concen: 58.340 ng

RT: 12.863 min Scan# 1832

Delta R.T. -0.000 min

Lab File: BF135557.D

Acq: 03 Oct 2023 23:26

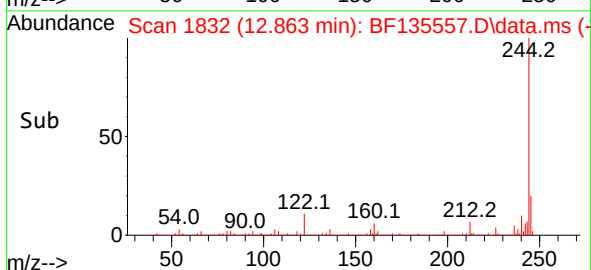
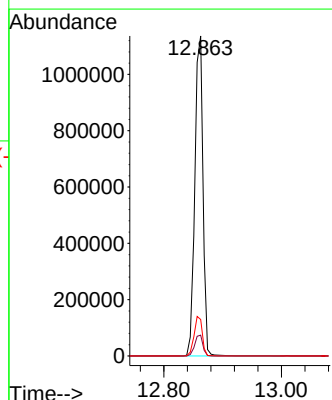
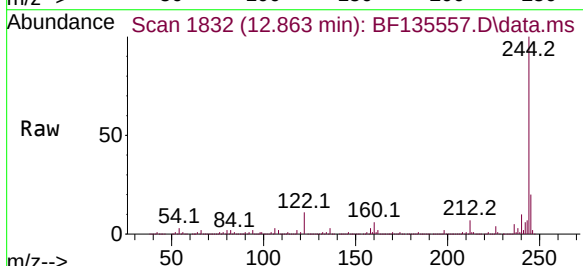
Tgt Ion:244 Resp: 1087661

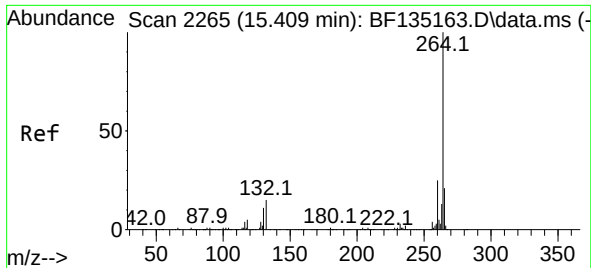
Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 11.4 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: BF135557.D
 Acq: 03 Oct 2023 23:26

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-12

Tgt Ion:264 Resp: 316882
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 20.5 17.0 25.4

