

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135552.D
 Acq On : 03 Oct 2023 20:46
 Operator : CG\JU
 Sample : 04627-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-07

Quant Time: Oct 04 07:12:53 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)

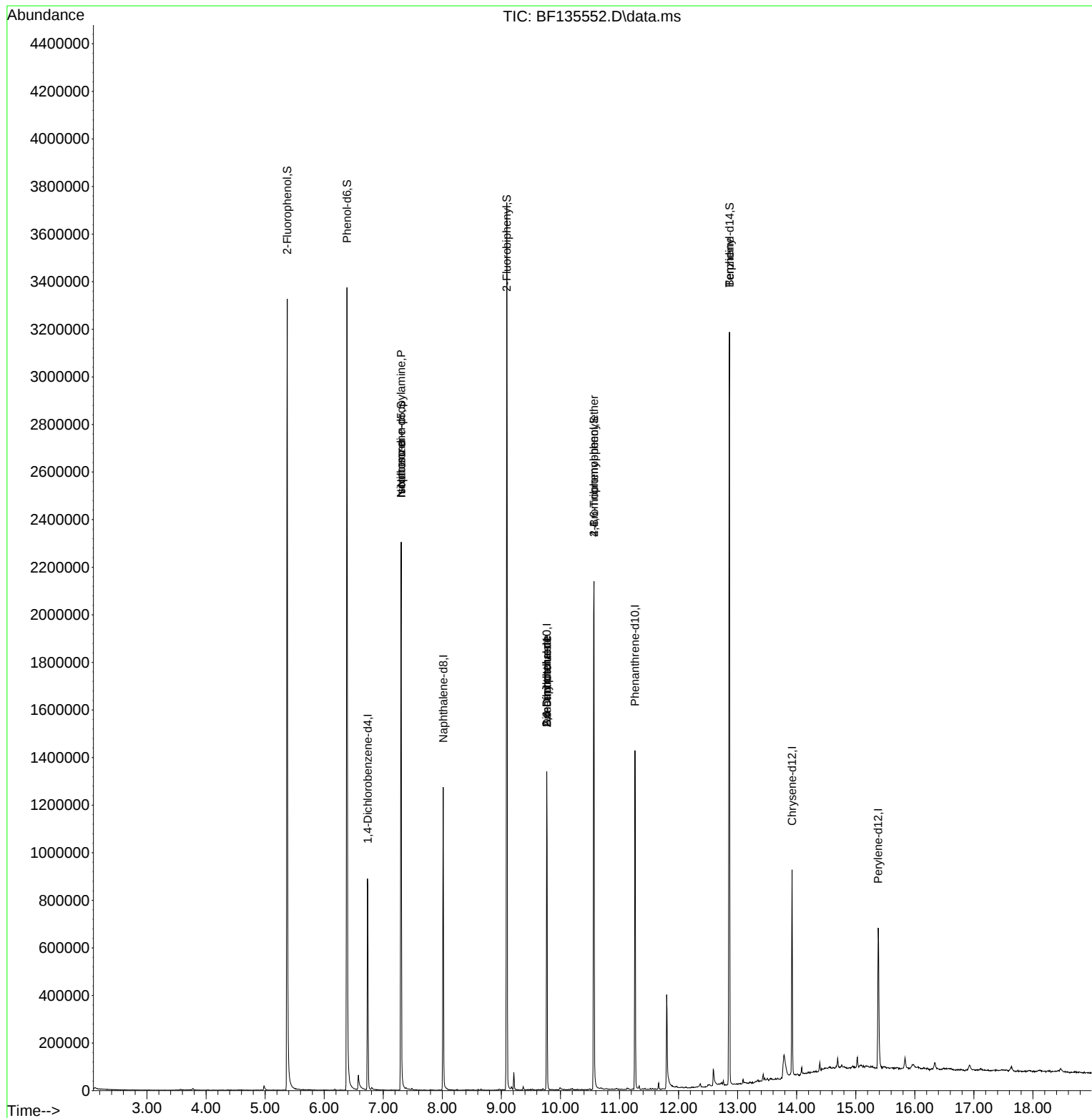
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	137351	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	529394	20.000	ng	# 0.00
39) Acenaphthene-d10	9.769	164	262029	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	500646	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	273562	20.000	ng	0.00
86) Perylene-d12	15.380	264	276603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	930417	110.176	ng	0.00
7) Phenol-d6	6.387	99	1153498	107.421	ng	0.00
23) Nitrobenzene-d5	7.304	82	712376	73.108	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	251517	96.591	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1182908	68.110	ng	0.00
79) Terphenyl-d14	12.863	244	1175303	66.601	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	92260	13.871	ng	# 79
25) Isophorone	7.304	82	712370	39.813	ng	# 65
50) Dimethylphthalate	9.769	163	47364	2.674	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	32987	8.500	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	32987	6.789	ng	# 18
67) 4-Bromophenyl-phenylether	10.569	248	17146	3.443	ng	# 1
77) Benzidine	12.863	184	15098	2.694	ng	# 95

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

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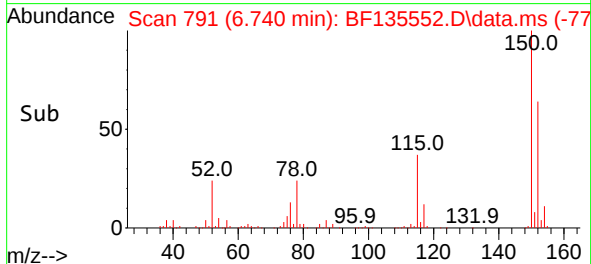
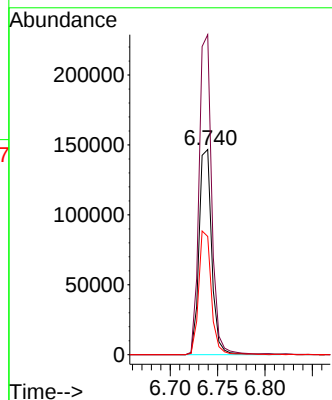
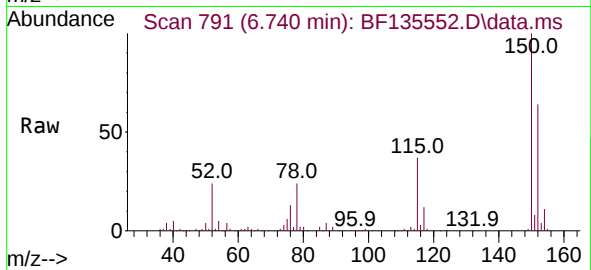




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135552.D
Acq: 03 Oct 2023 20:46

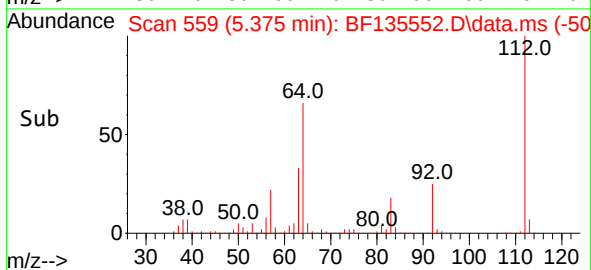
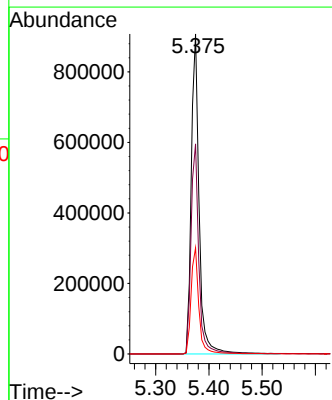
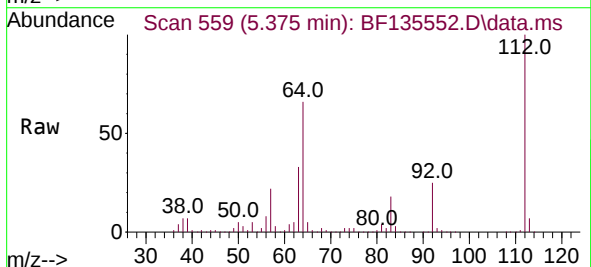
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-07

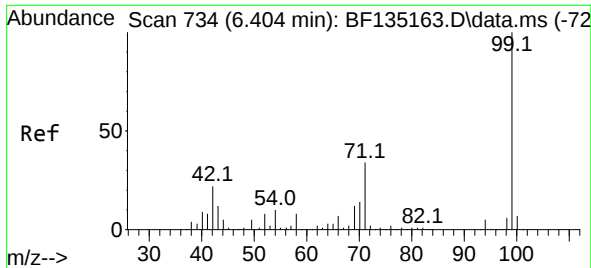
Tgt Ion:152 Resp: 137351
Ion Ratio Lower Upper
152 100
150 156.0 127.8 191.6
115 57.6 49.8 74.8



#5
2-Fluorophenol
Concen: 110.176 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135552.D
Acq: 03 Oct 2023 20:46

Tgt Ion:112 Resp: 930417
Ion Ratio Lower Upper
112 100
64 65.7 55.9 83.9
63 33.1 29.0 43.6

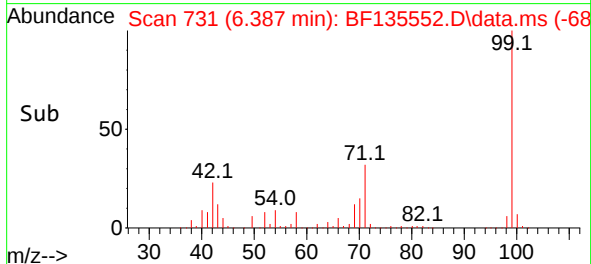
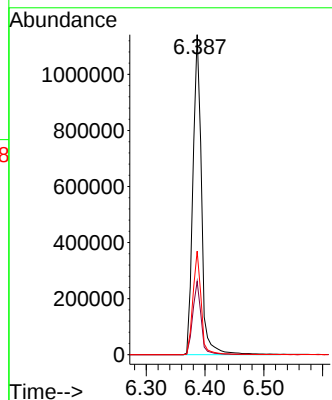
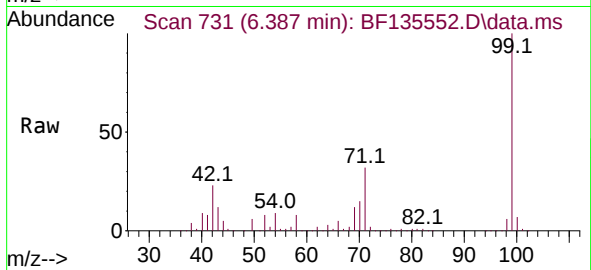




#7
Phenol-d6
Concen: 107.421 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135552.D
Acq: 03 Oct 2023 20:46

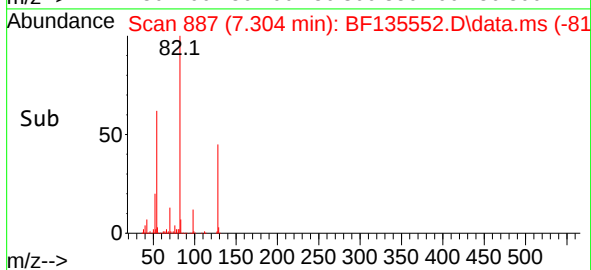
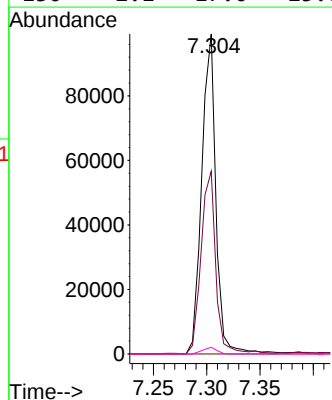
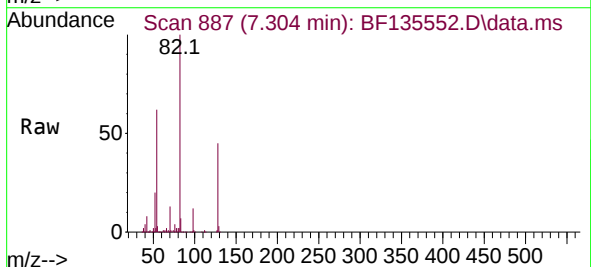
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-07

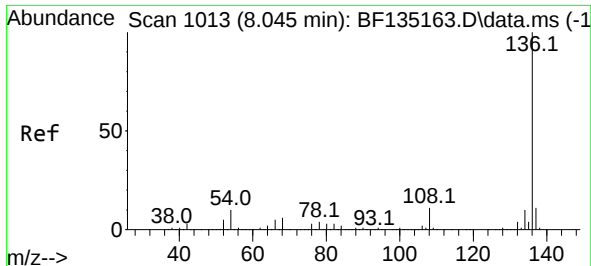
Tgt Ion: 99 Resp: 1153498
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 32.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.871 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135552.D
Acq: 03 Oct 2023 20:46

Tgt Ion: 70 Resp: 92260
Ion Ratio Lower Upper
70 100
42 57.1 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#

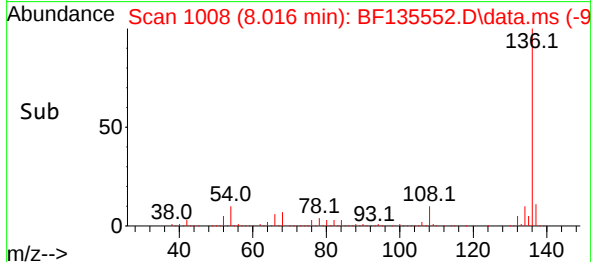
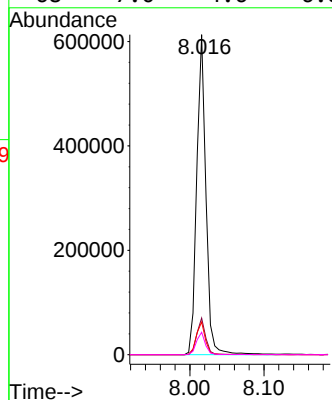
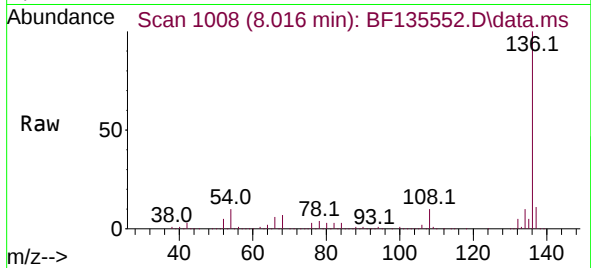




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135552.D
Acq: 03 Oct 2023 20:46

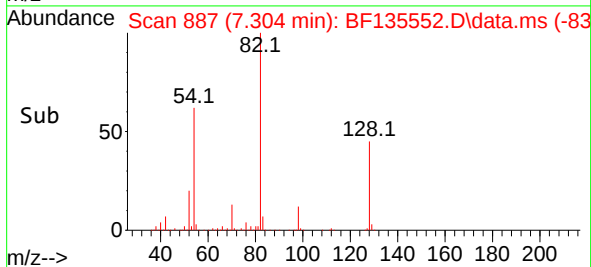
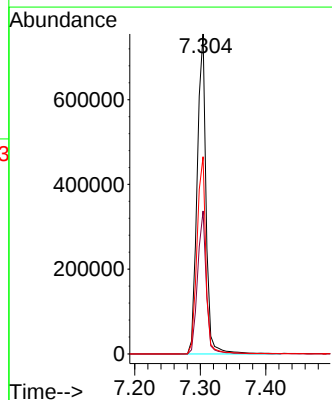
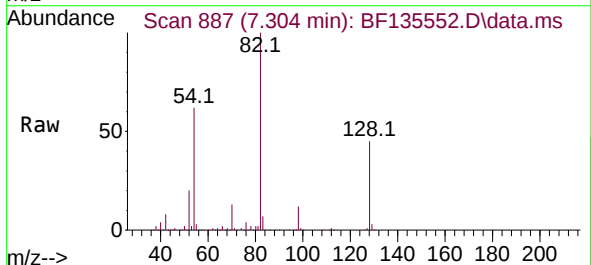
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-07

Tgt Ion:136 Resp: 529394
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 10.2 7.7 11.5
68 7.0 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 73.108 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135552.D
Acq: 03 Oct 2023 20:46

Tgt Ion: 82 Resp: 712376
Ion Ratio Lower Upper
82 100
128 44.7 35.8 53.6
54 61.7 50.6 76.0

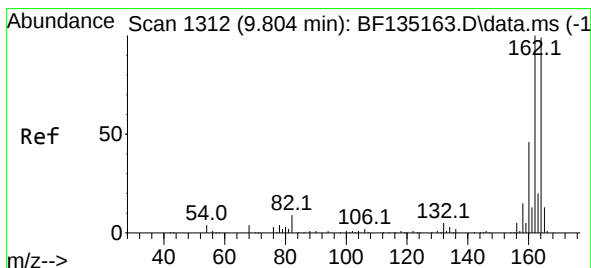
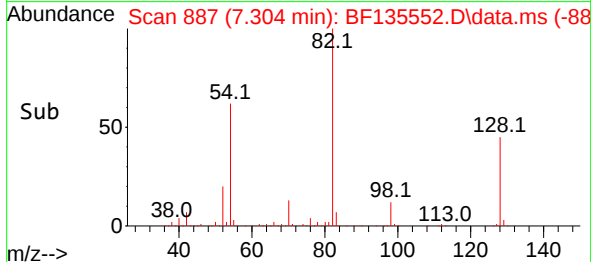
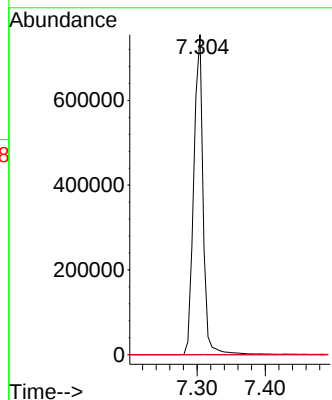
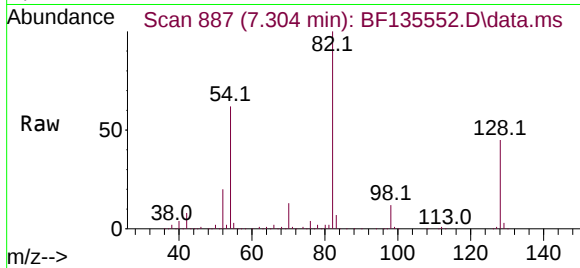




#25
Isophorone
Concen: 39.813 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135552.D
Acq: 03 Oct 2023 20:46

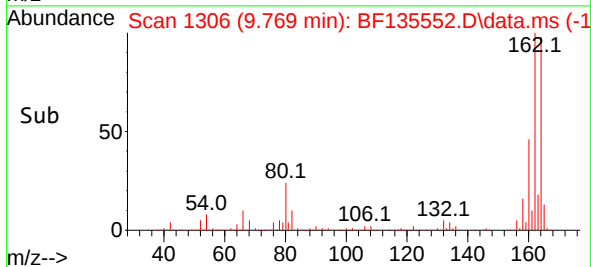
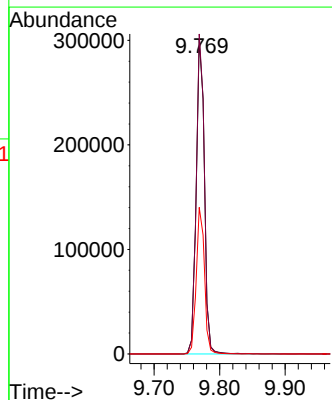
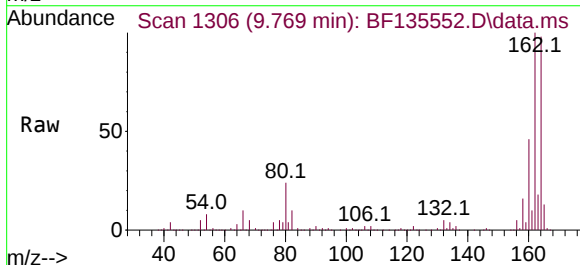
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-07

Tgt Ion: 82 Resp: 712370
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: BF135552.D
Acq: 03 Oct 2023 20:46

Tgt Ion: 164 Resp: 262029
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 46.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 96.591 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135552.D

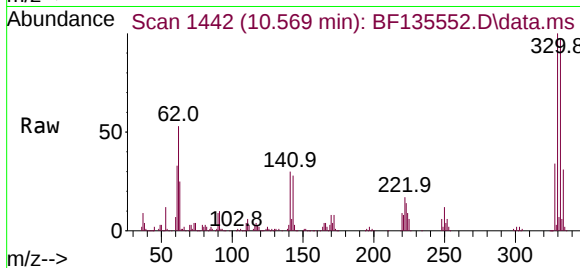
Acq: 03 Oct 2023 20:46

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-07



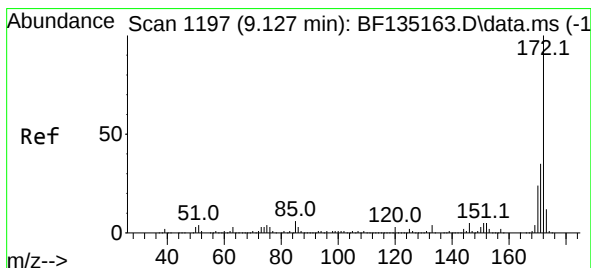
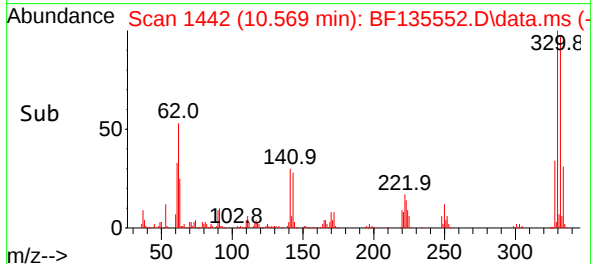
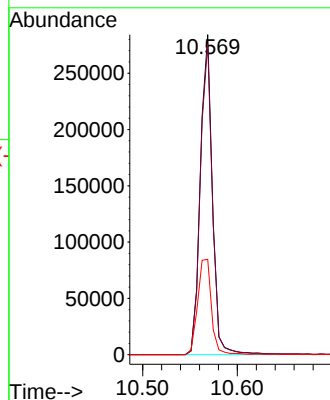
Tgt Ion:330 Resp: 251517

Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

141 34.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 68.110 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135552.D

Acq: 03 Oct 2023 20:46

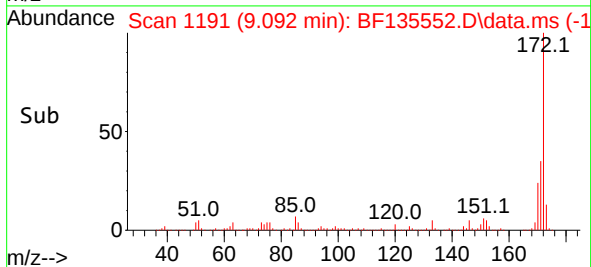
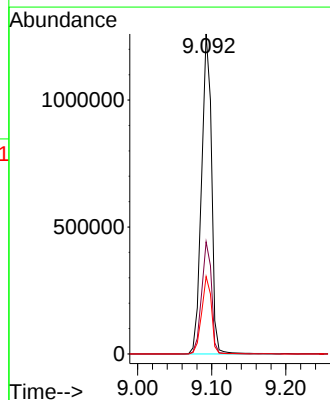
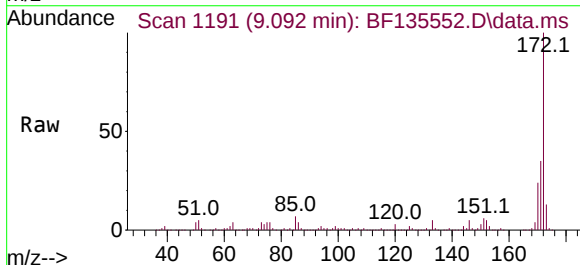
Tgt Ion:172 Resp: 1182908

Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 24.2 19.0 28.4

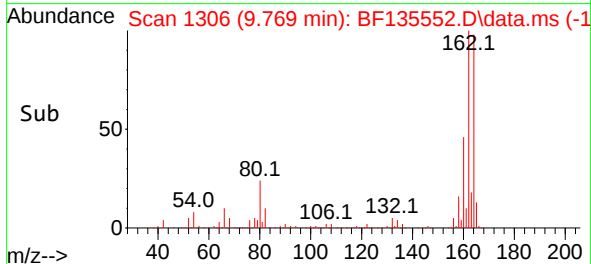
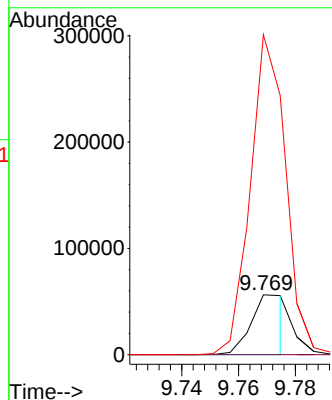
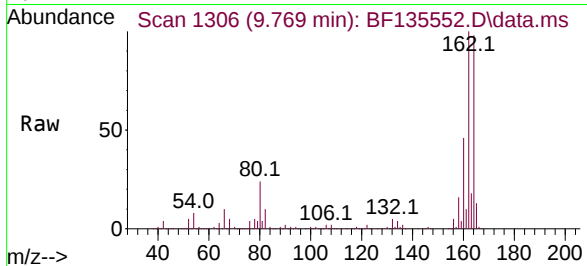




#50
Dimethylphthalate
Concen: 2.674 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.265 min
Lab File: BF135552.D
Acq: 03 Oct 2023 20:46

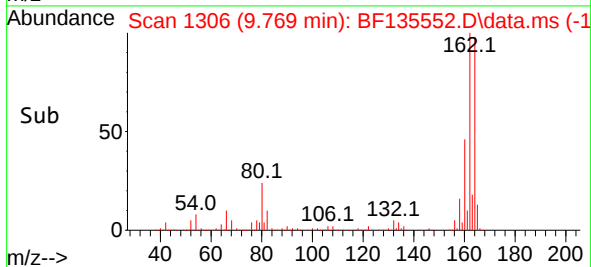
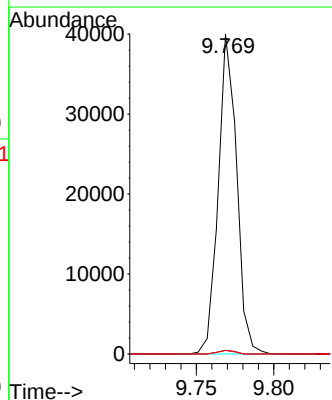
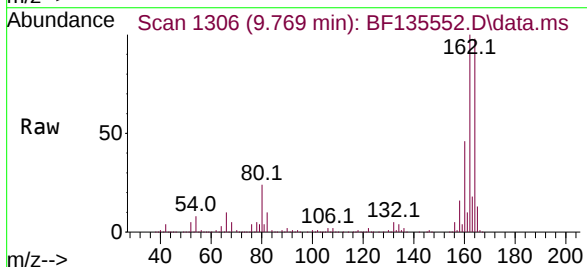
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-07

Tgt Ion:163 Resp: 47364
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 534.9 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.500 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.194 min
Lab File: BF135552.D
Acq: 03 Oct 2023 20:46

Tgt Ion:165 Resp: 32987
Ion Ratio Lower Upper
165 100
63 1.2 59.4 89.2#
89 1.1 49.8 74.8#

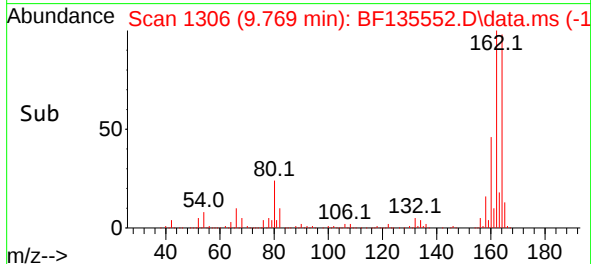
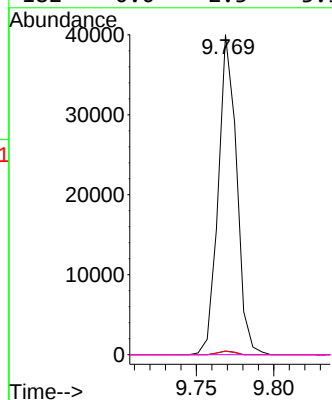
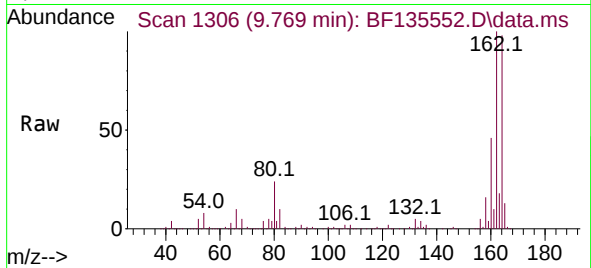




#57
2,4-Dinitrotoluene
Concen: 6.789 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135552.D
Acq: 03 Oct 2023 20:46

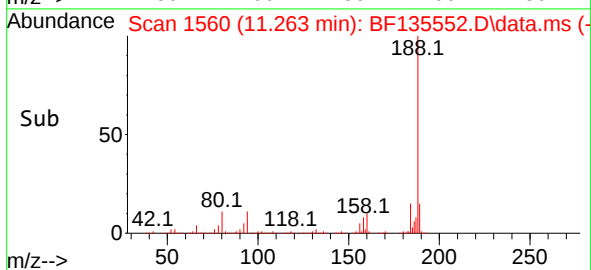
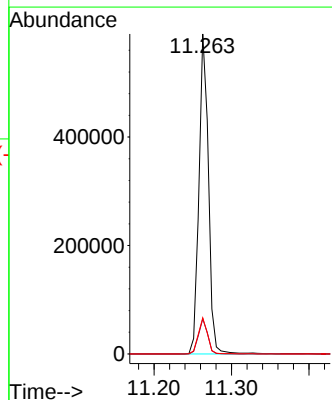
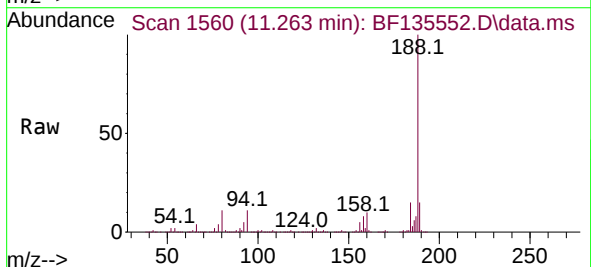
Instrument :
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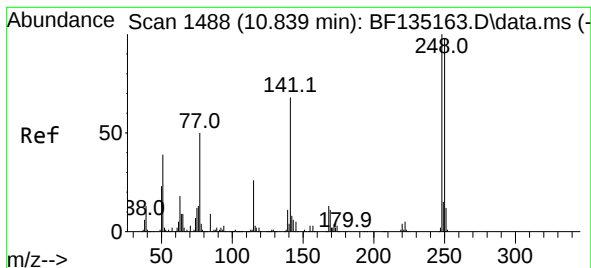
Tgt Ion:165 Resp: 32987
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.1 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF135552.D
Acq: 03 Oct 2023 20:46

Tgt Ion:188 Resp: 500646
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.6#
80 11.3 7.5 11.3#

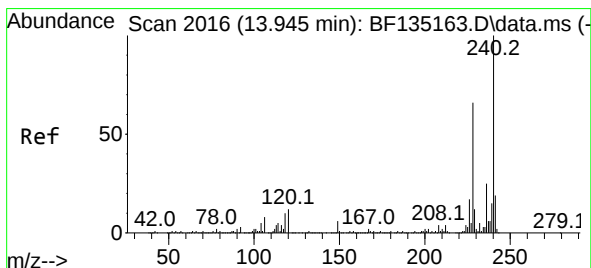
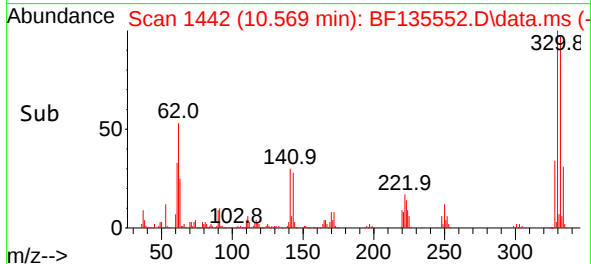
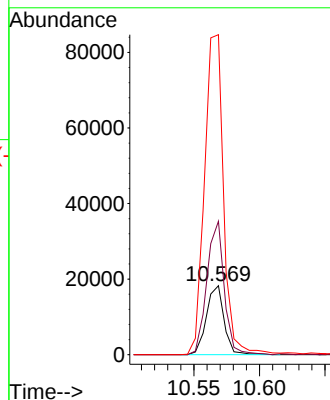
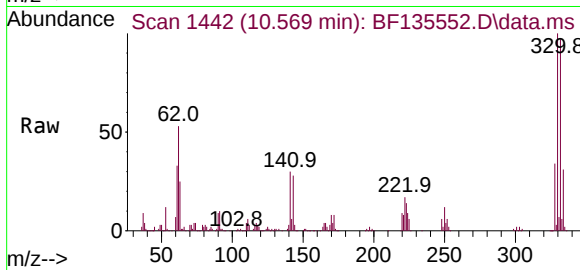




#67
4-Bromophenyl-phenylether
Concen: 3.443 ng
RT: 10.569 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135552.D
Acq: 03 Oct 2023 20:46

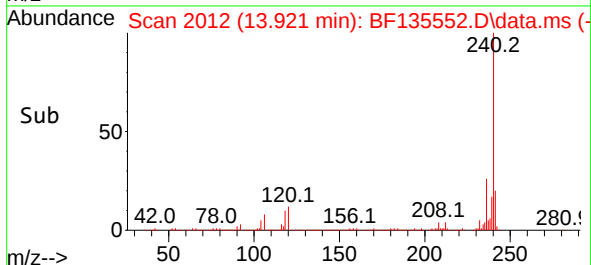
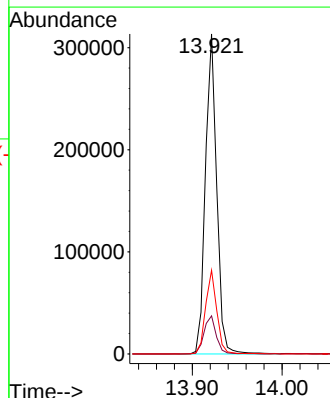
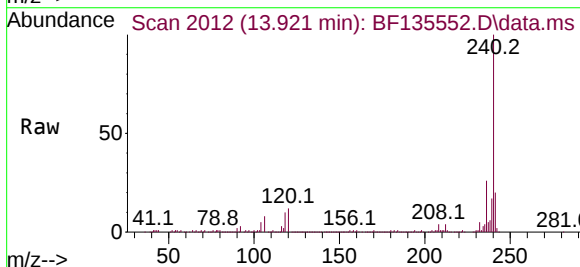
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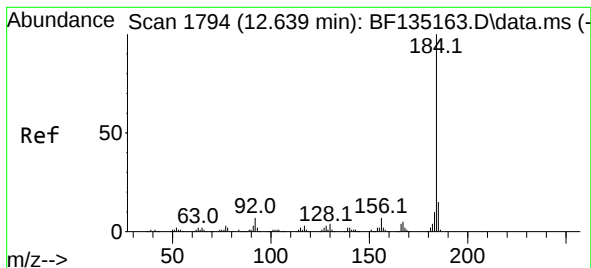
Tgt Ion:248 Resp: 17146
Ion Ratio Lower Upper
248 100
250 193.3 78.6 117.8#
141 463.5 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF135552.D
Acq: 03 Oct 2023 20:46

Tgt Ion:240 Resp: 273562
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 26.2 19.8 29.8





#77

Benzidine

Concen: 2.694 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.247 min

Lab File: BF135552.D

Acq: 03 Oct 2023 20:46

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-07

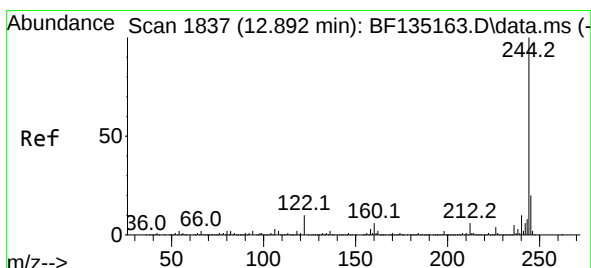
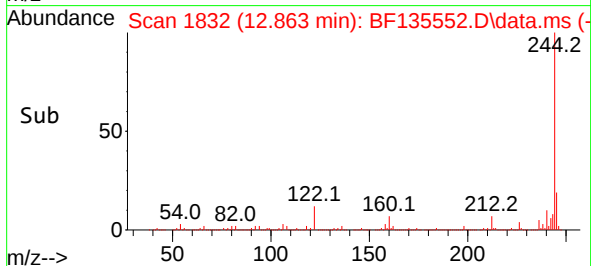
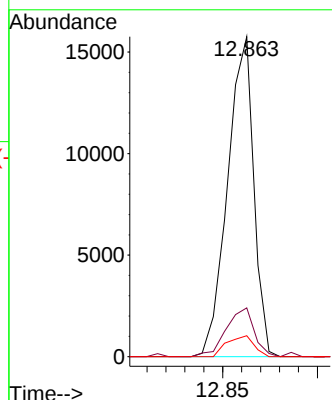
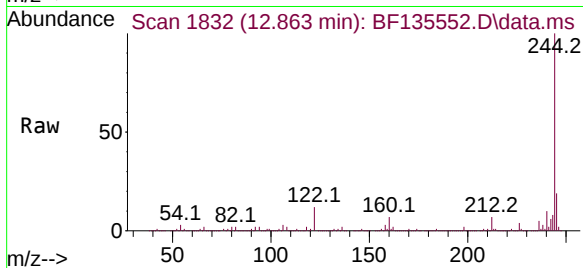
Tgt Ion:184 Resp: 15098

Ion Ratio Lower Upper

184 100

185 15.3 11.7 17.5

183 6.6 8.2 12.4#



#79

Terphenyl-d14

Concen: 66.601 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF135552.D

Acq: 03 Oct 2023 20:46

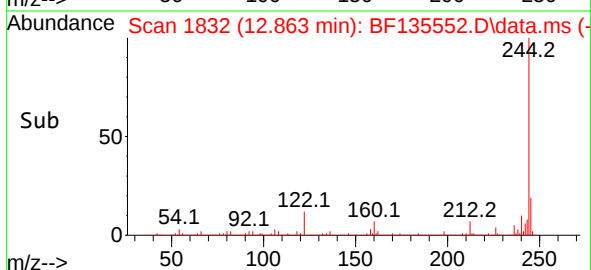
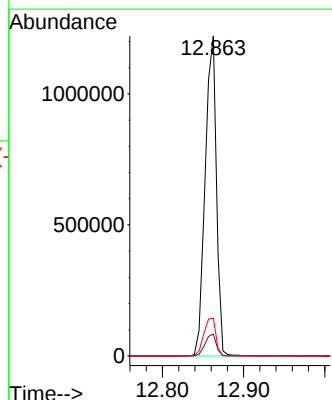
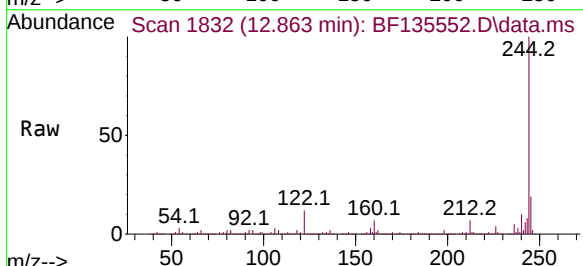
Tgt Ion:244 Resp: 1175303

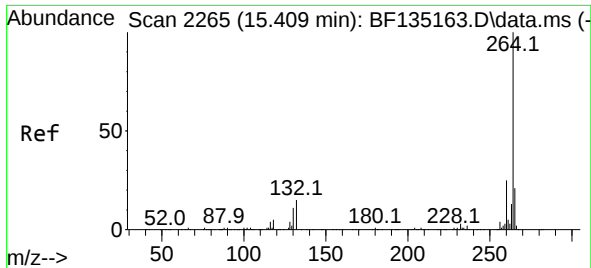
Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

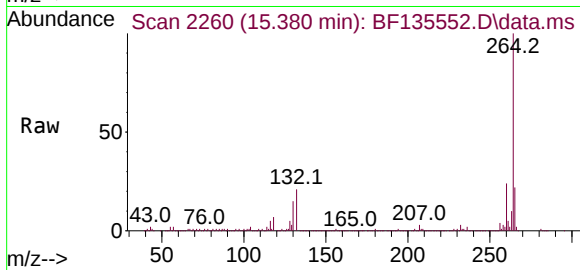
122 11.8 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF135552.D
 Acq: 03 Oct 2023 20:46

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-07



Tgt Ion:264 Resp: 276603
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 22.3 17.0 25.4

