

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135238.D
 Acq On : 13 Sep 2023 23:35
 Operator : CG\JU
 Sample : 0425606
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Sep 14 02:25:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

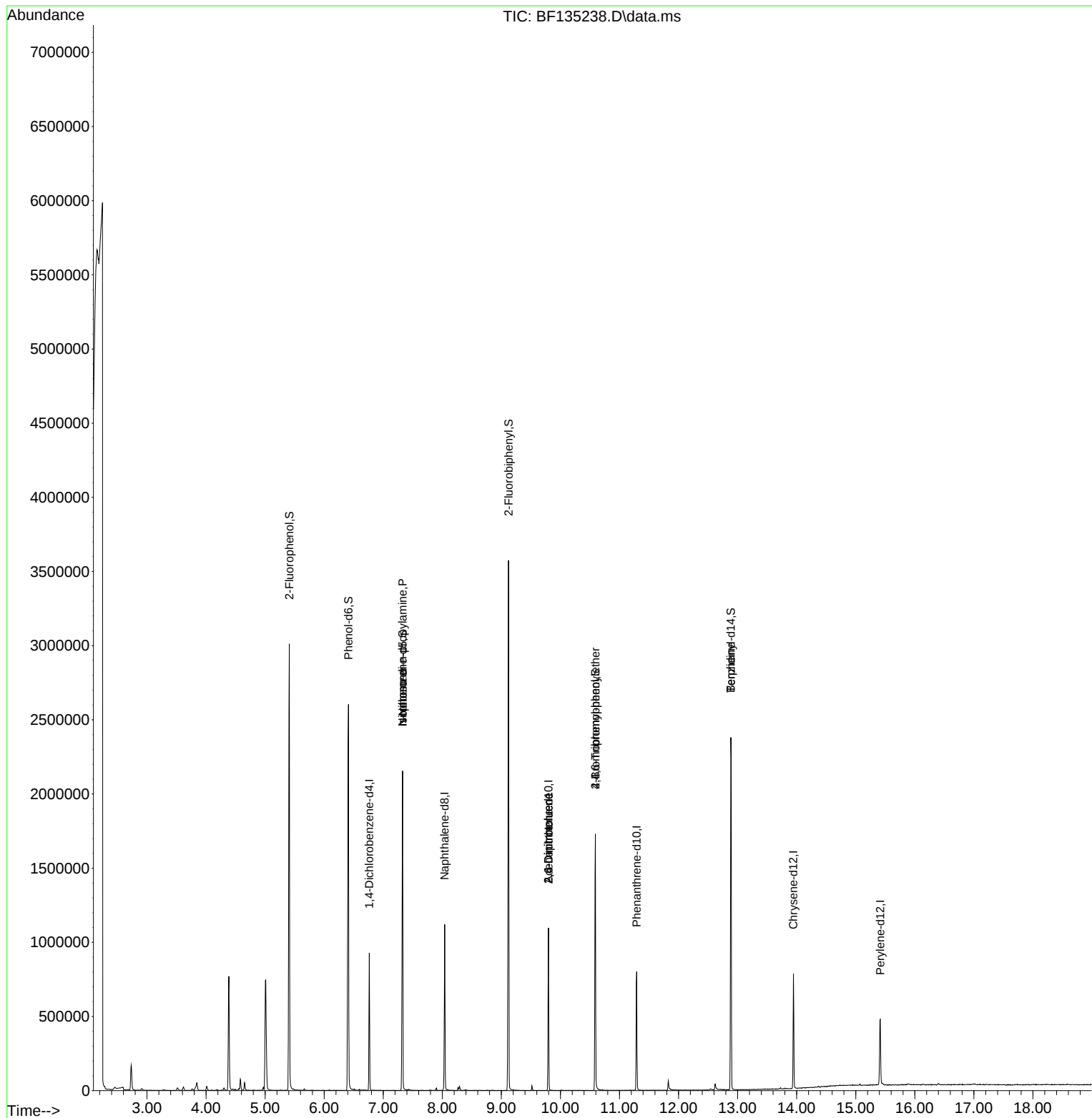
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	120870	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	443351	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	200033	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	307697	20.000	ng	0.00
76) Chrysene-d12	13.945	240	242902	20.000	ng	0.00
86) Perylene-d12	15.415	264	219826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	788898	106.155	ng	0.02
7) Phenol-d6	6.410	99	907931	96.081	ng	0.00
23) Nitrobenzene-d5	7.328	82	655730	80.355	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	202981	102.111	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1118350	84.350	ng	0.00
79) Terphenyl-d14	12.886	244	904625	57.733	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	87429	14.937	ng	# 78
25) Isophorone	7.328	82	654328	43.666	ng	# 65
51) 2,6-Dinitrotoluene	9.798	165	25718	8.681	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	25718	6.934	ng	# 18
67) 4-Bromophenyl-phenylether	10.592	248	13148	4.296	ng	# 1
77) Benzidine	12.886	184	11580	2.327	ng	# 94

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
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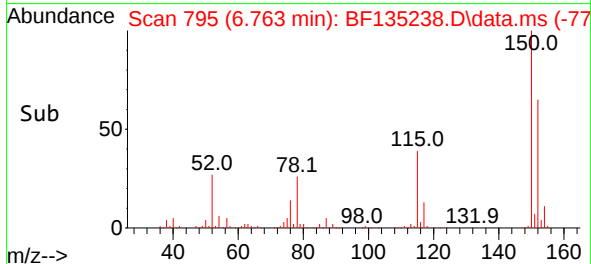
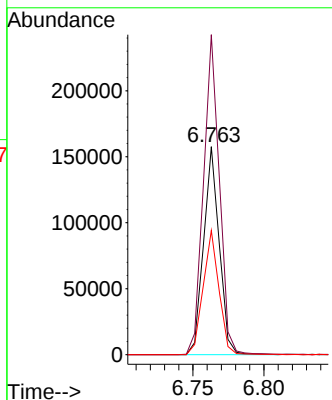
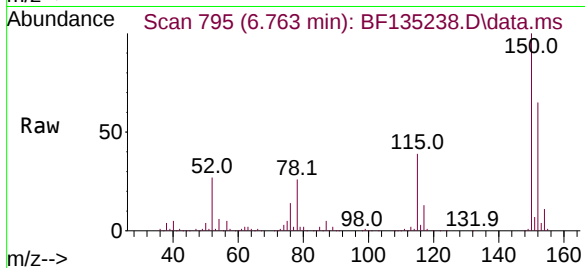




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: BF135238.D
 Acq: 13 Sep 2023 23:35

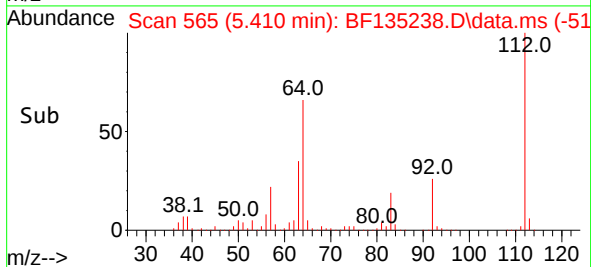
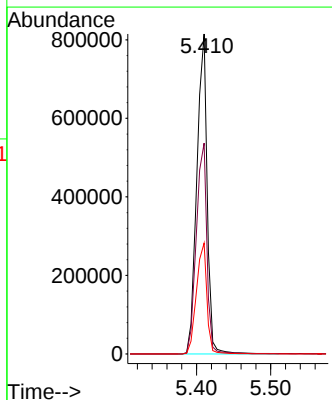
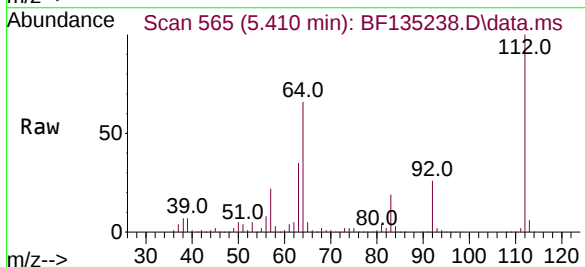
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

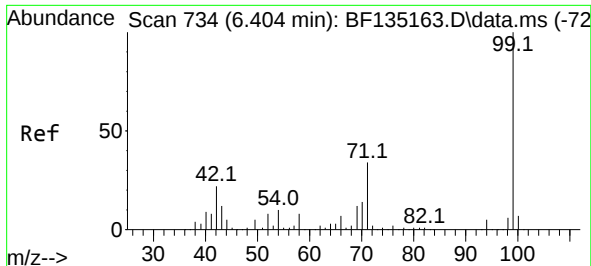
Tgt Ion:152 Resp: 120870
 Ion Ratio Lower Upper
 152 100
 150 153.8 127.8 191.6
 115 59.7 49.8 74.8



#5
 2-Fluorophenol
 Concen: 106.155 ng
 RT: 5.410 min Scan# 565
 Delta R.T. 0.024 min
 Lab File: BF135238.D
 Acq: 13 Sep 2023 23:35

Tgt Ion:112 Resp: 788898
 Ion Ratio Lower Upper
 112 100
 64 65.9 55.9 83.9
 63 34.6 29.0 43.6

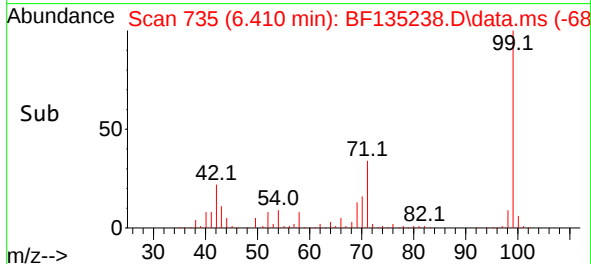
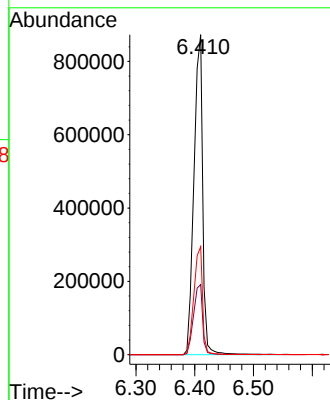
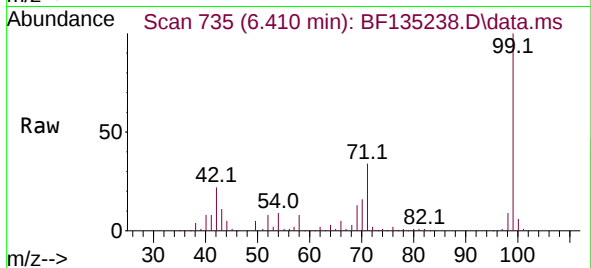




#7
Phenol-d6
Concen: 96.081 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135238.D
Acq: 13 Sep 2023 23:35

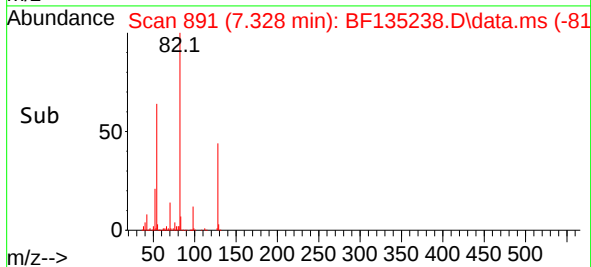
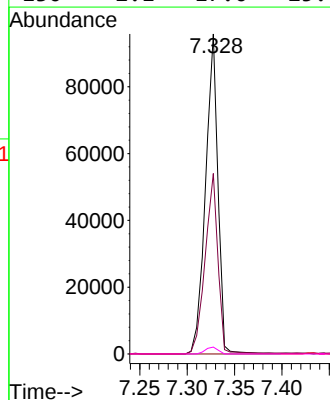
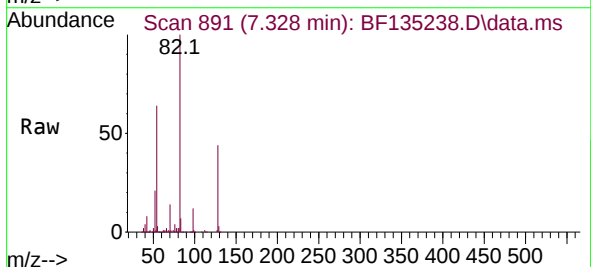
Instrument :
BNA_F
ClientSampleId :
MW-3

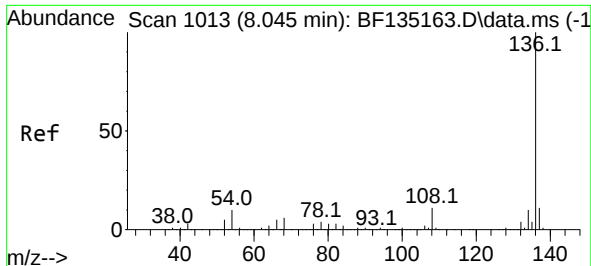
Tgt Ion: 99 Resp: 907931
Ion Ratio Lower Upper
99 100
42 21.9 17.9 26.9
71 33.8 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.937 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135238.D
Acq: 13 Sep 2023 23:35

Tgt Ion: 70 Resp: 87429
Ion Ratio Lower Upper
70 100
42 56.4 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#



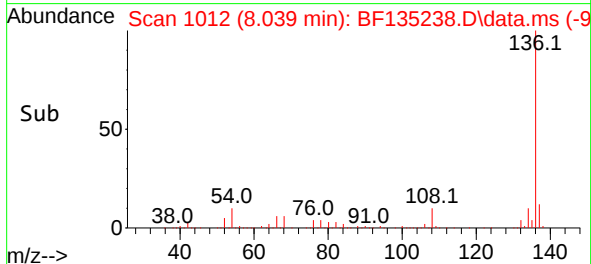
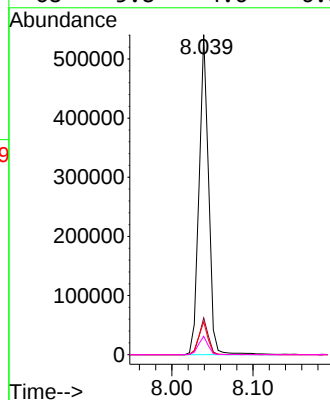
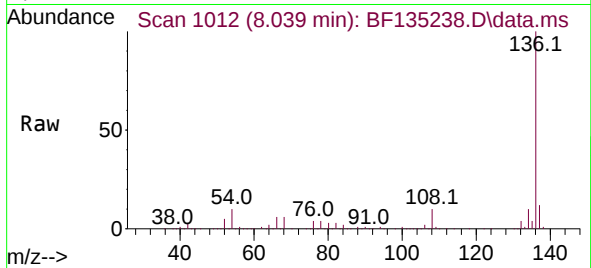


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135238.D
Acq: 13 Sep 2023 23:35

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:136 Resp: 443351

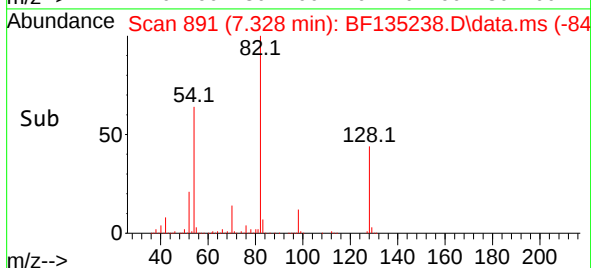
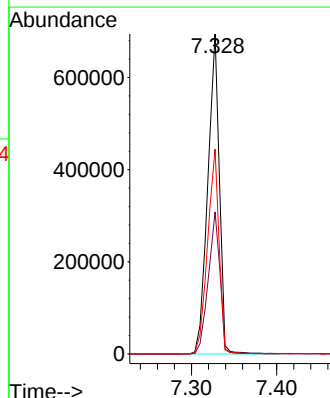
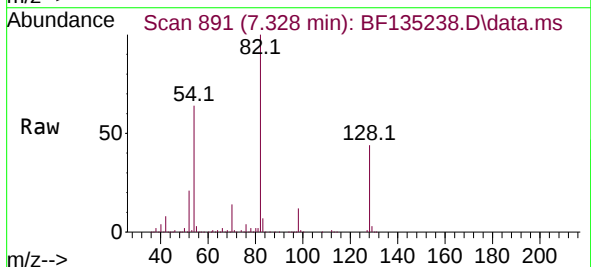
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	10.2	7.7	11.5
68	5.8	4.6	6.8



#23
Nitrobenzene-d5
Concen: 80.355 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135238.D
Acq: 13 Sep 2023 23:35

Tgt Ion: 82 Resp: 655730

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.8	53.6
54	64.0	50.6	76.0

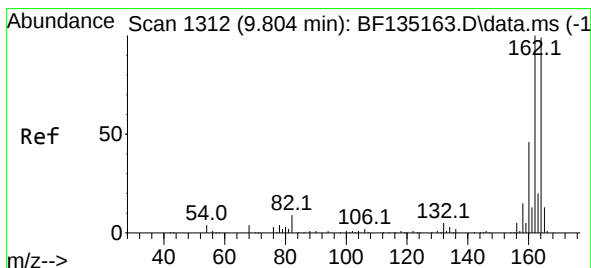
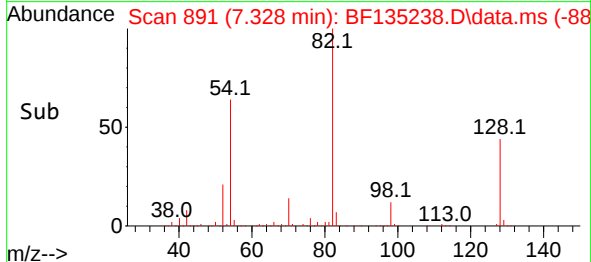
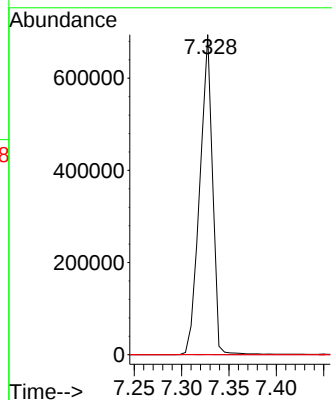
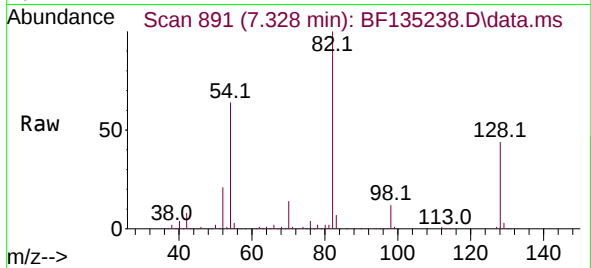




#25
Isophorone
Concen: 43.666 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF135238.D
Acq: 13 Sep 2023 23:35

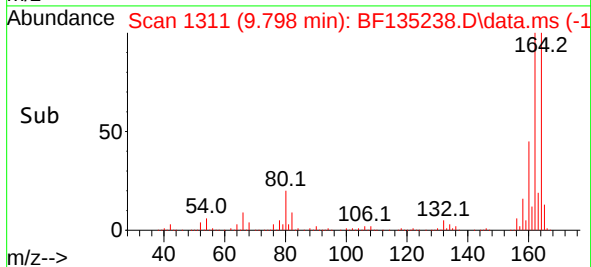
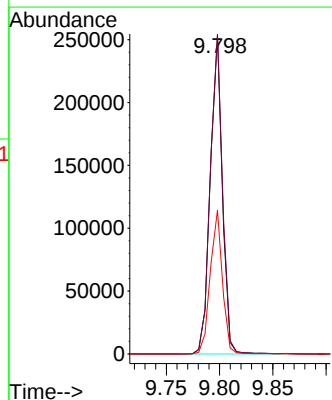
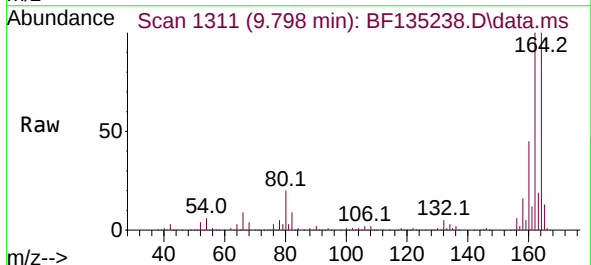
Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 82 Resp: 654328
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: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135238.D
Acq: 13 Sep 2023 23:35

Tgt Ion:164 Resp: 200033
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 45.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 102.111 ng

RT: 10.592 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF135238.D

Acq: 13 Sep 2023 23:35

Instrument :

BNA_F

ClientSampleId :

MW-3

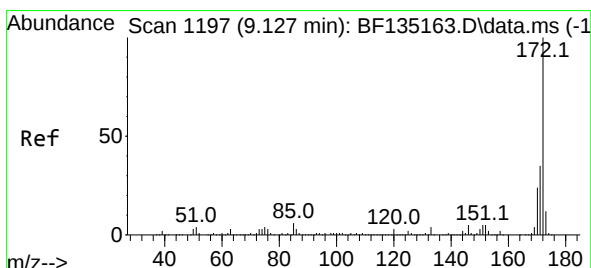
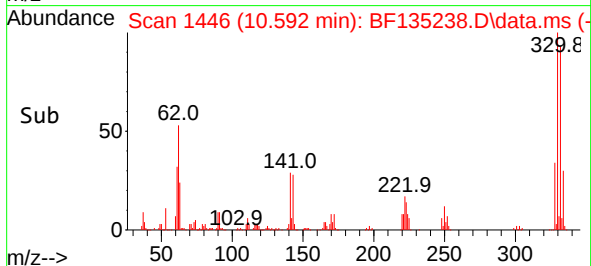
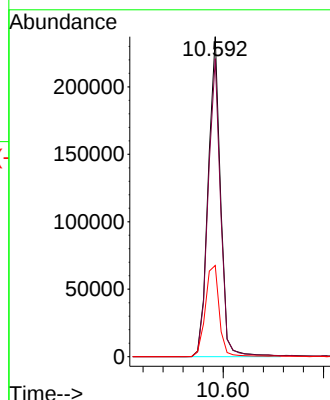
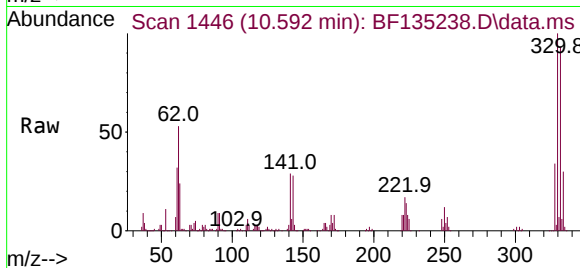
Tgt Ion:330 Resp: 202981

Ion Ratio Lower Upper

330 100

332 94.9 77.3 115.9

141 32.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 84.350 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135238.D

Acq: 13 Sep 2023 23:35

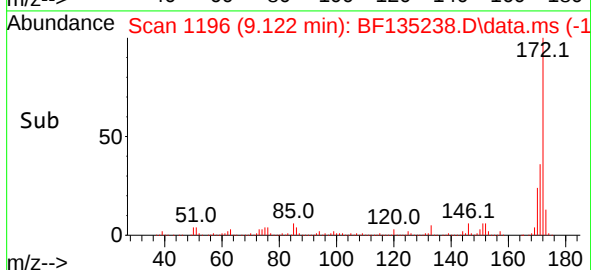
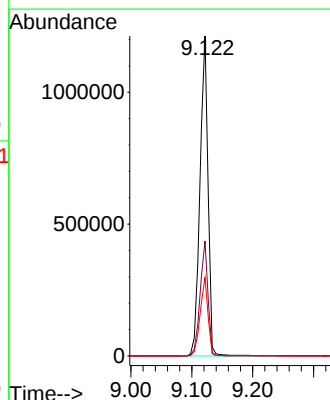
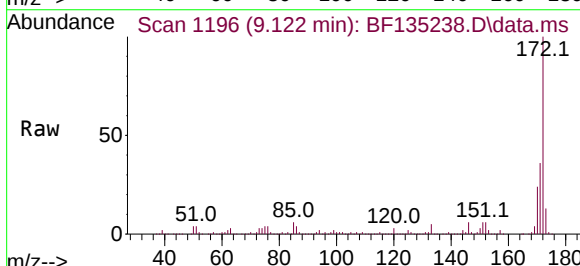
Tgt Ion:172 Resp: 1118350

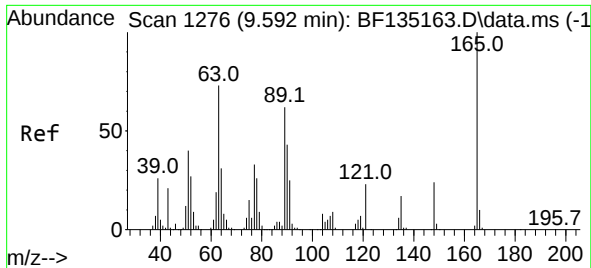
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.5 19.0 28.4

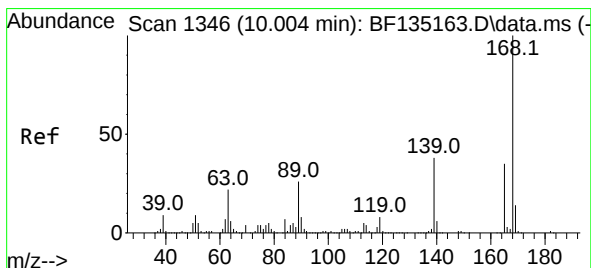
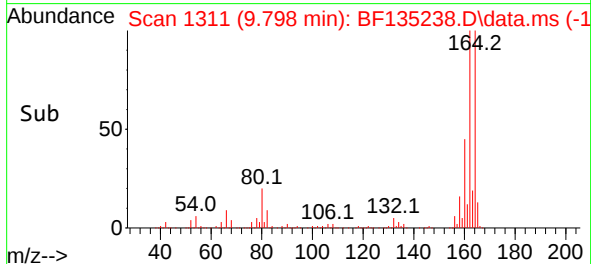
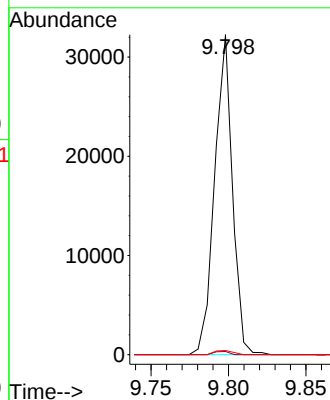
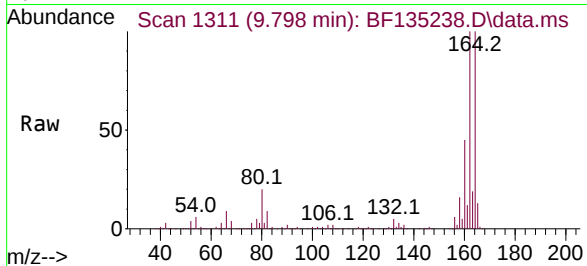




#51
2,6-Dinitrotoluene
Concen: 8.681 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135238.D
Acq: 13 Sep 2023 23:35

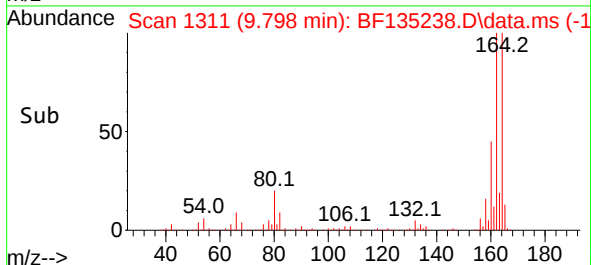
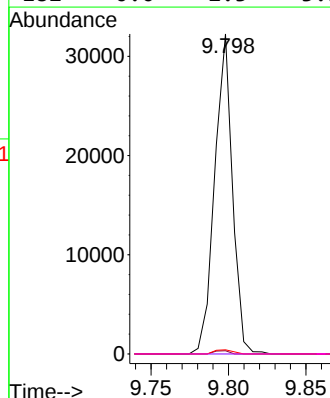
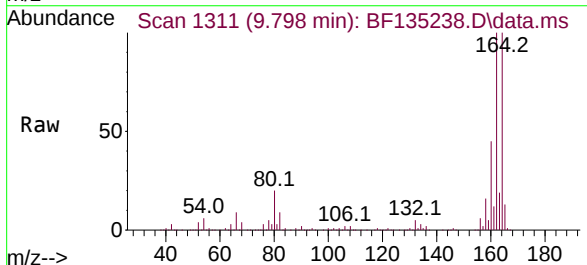
Instrument :
BNA_F
ClientSampleId :
MW-3

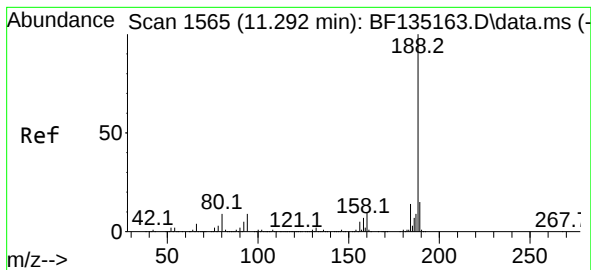
Tgt Ion:165 Resp: 25718
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 1.3 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.934 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.206 min
Lab File: BF135238.D
Acq: 13 Sep 2023 23:35

Tgt Ion:165 Resp: 25718
Ion Ratio Lower Upper
165 100
63 1.0 50.1 75.1#
89 1.3 59.3 88.9#
182 0.0 2.3 3.5#

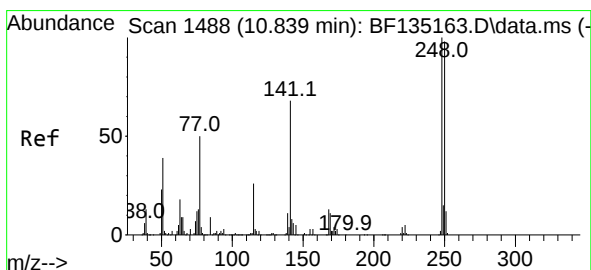
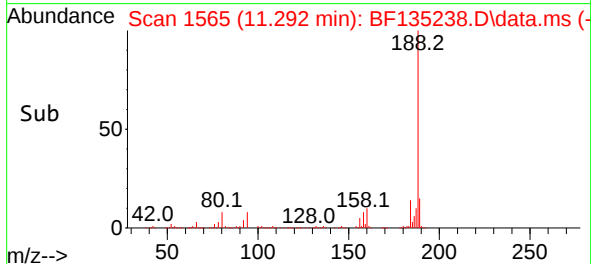
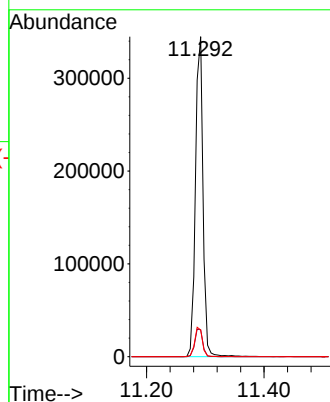
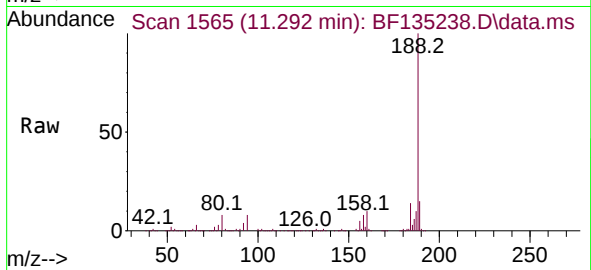




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135238.D
Acq: 13 Sep 2023 23:35

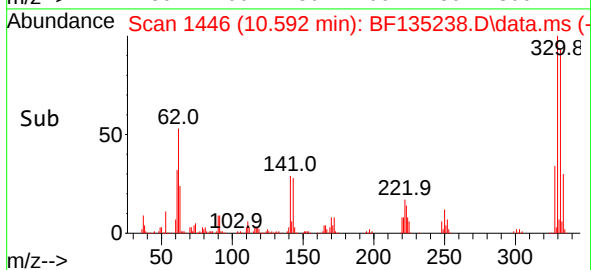
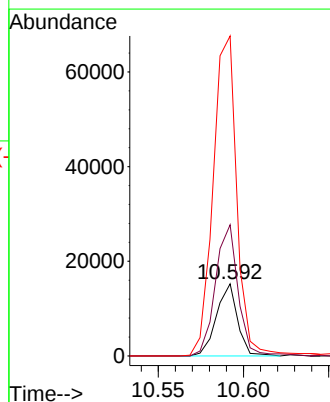
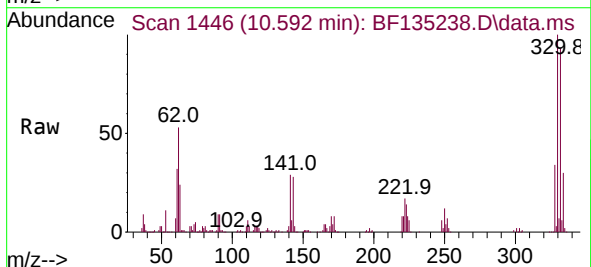
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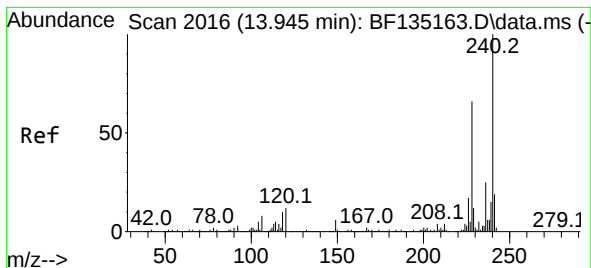
Tgt Ion:188 Resp: 307697
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 8.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.296 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.247 min
Lab File: BF135238.D
Acq: 13 Sep 2023 23:35

Tgt Ion:248 Resp: 13148
Ion Ratio Lower Upper
248 100
250 182.0 78.6 117.8#
141 443.9 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135238.D

Acq: 13 Sep 2023 23:35

Instrument :

BNA_F

ClientSampleId :

MW-3

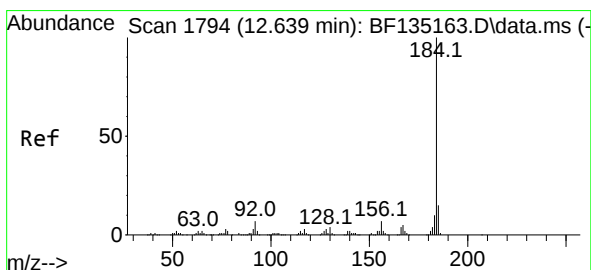
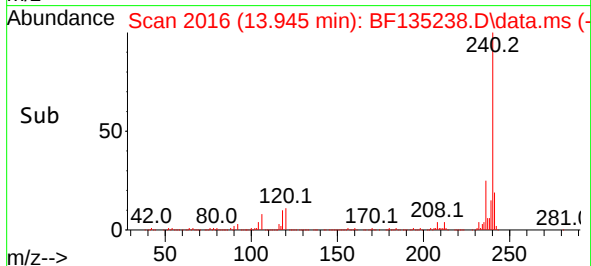
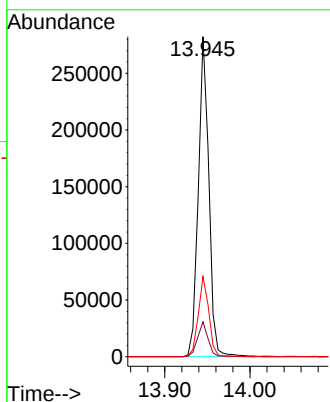
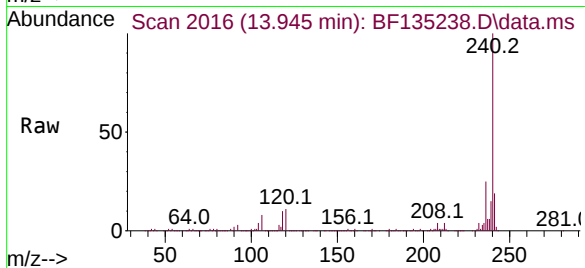
Tgt Ion:240 Resp: 242902

Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

236 25.1 19.8 29.8



#77

Benzidine

Concen: 2.327 ng

RT: 12.886 min Scan# 1836

Delta R.T. 0.247 min

Lab File: BF135238.D

Acq: 13 Sep 2023 23:35

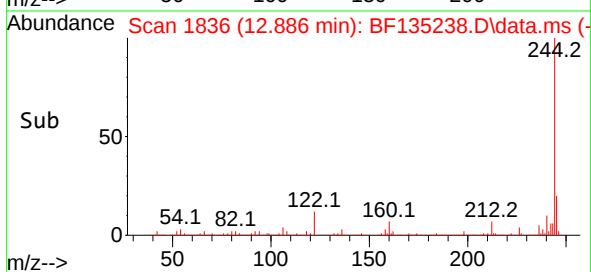
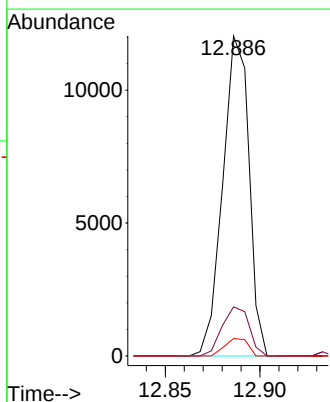
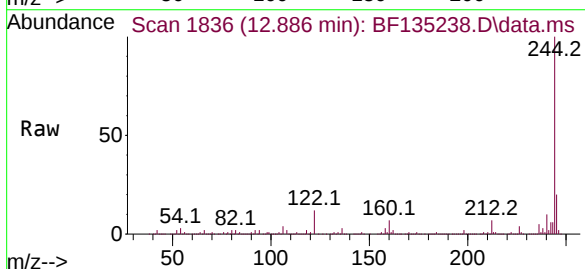
Tgt Ion:184 Resp: 11580

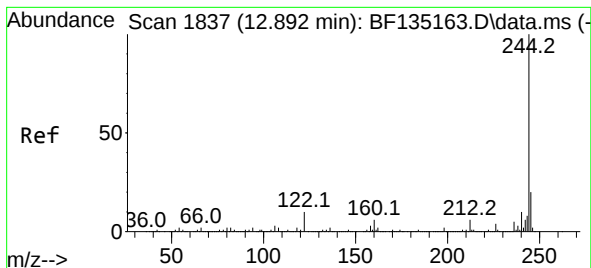
Ion Ratio Lower Upper

184 100

185 15.4 11.7 17.5

183 5.4 8.2 12.4#





#79

Terphenyl-d14

Concen: 57.733 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135238.D

Acq: 13 Sep 2023 23:35

Instrument :

BNA_F

ClientSampleId :

MW-3

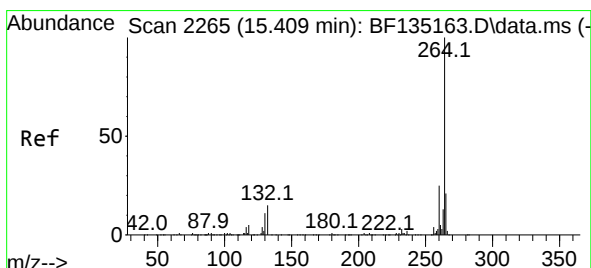
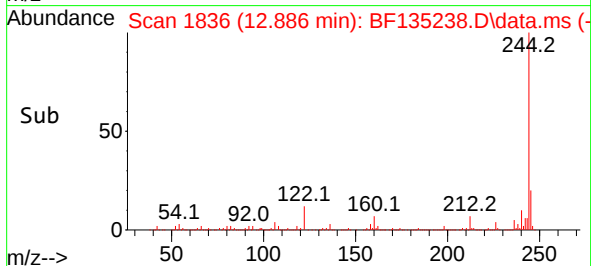
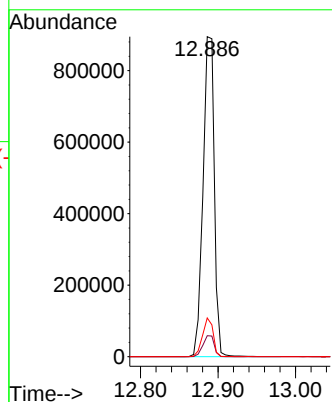
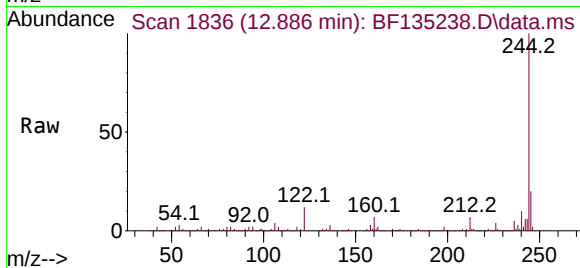
Tgt Ion:244 Resp: 904625

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 12.1 7.9 11.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF135238.D

Acq: 13 Sep 2023 23:35

Tgt Ion:264 Resp: 219826

Ion Ratio Lower Upper

264 100

260 22.5 19.8 29.6

265 21.5 17.0 25.4

