

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135408.D
 Acq On : 22 Sep 2023 19:41
 Operator : CG\JU
 Sample : 04436-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B103-01

Quant Time: Sep 23 04:58:07 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)

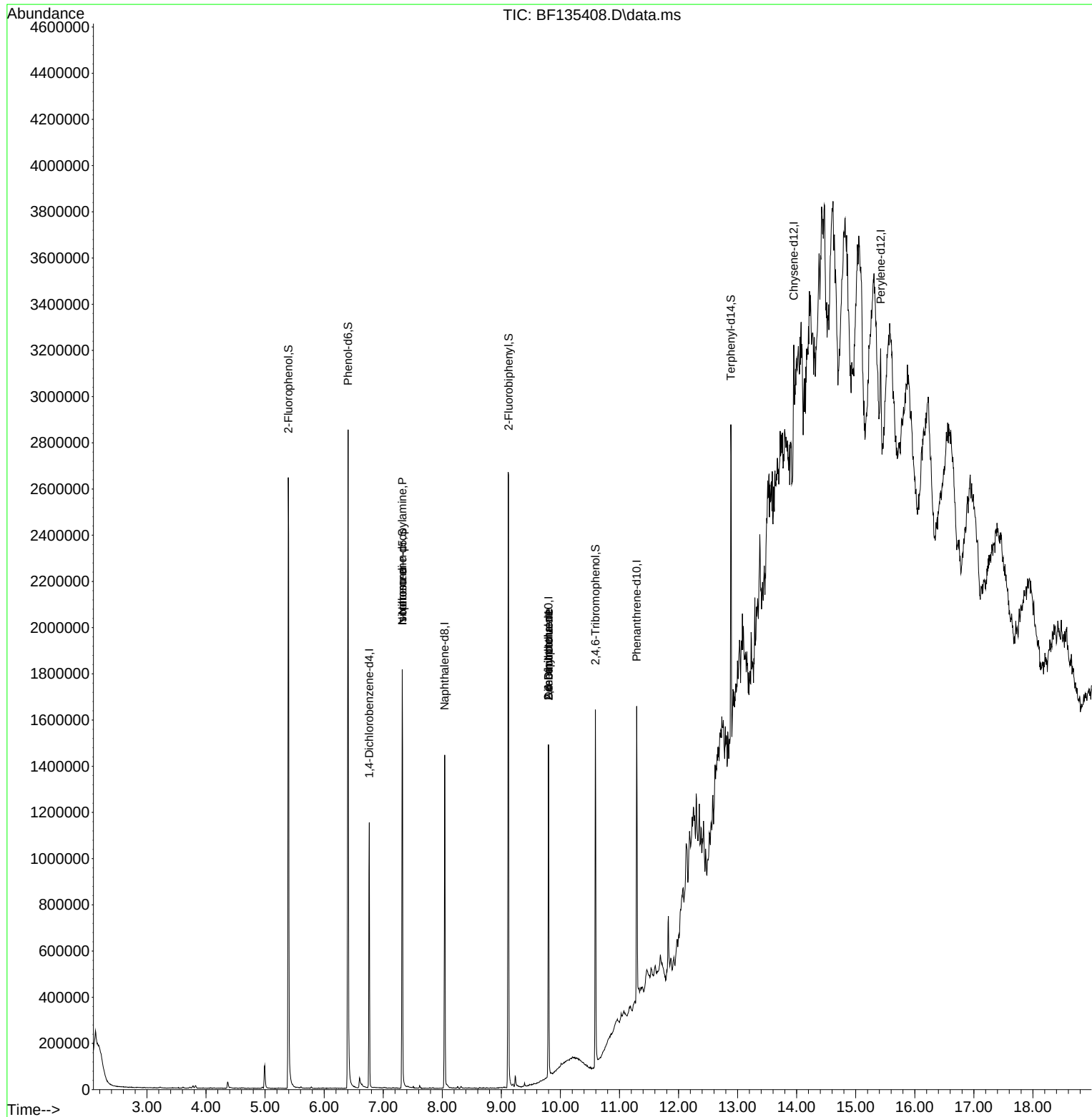
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	167088	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	622758	20.000	ng	# 0.00
39) Acenaphthene-d10	9.798	164	294606	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	478276	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	195873	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	259204	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	759408	73.921	ng	0.00
7) Phenol-d6	6.404	99	944594	72.311	ng	0.00
23) Nitrobenzene-d5	7.322	82	575503	50.207	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	175939	60.095	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	937999	48.036	ng	0.00
79) Terphenyl-d14	12.886	244	587148	46.468	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	76199	9.418	ng	# 81
25) Isophorone	7.322	82	575494	27.341	ng	# 65
50) Dimethylphthalate	9.798	163	53338	2.678	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	38105	8.733	ng	# 18
57) 2,4-Dinitrotoluene	9.798	165	38125	6.979	ng	# 19

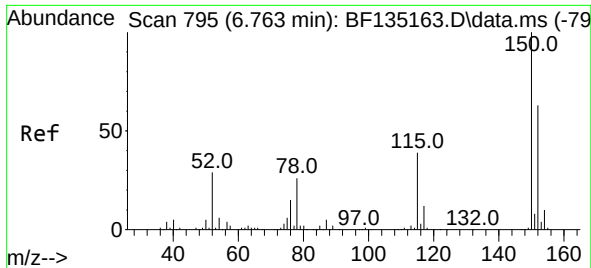
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

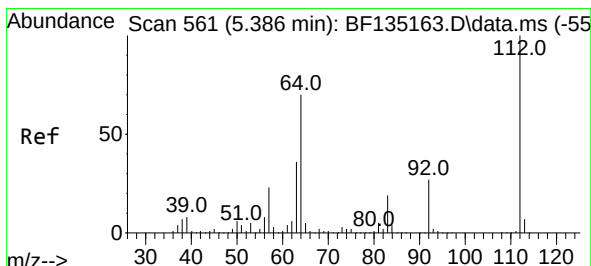
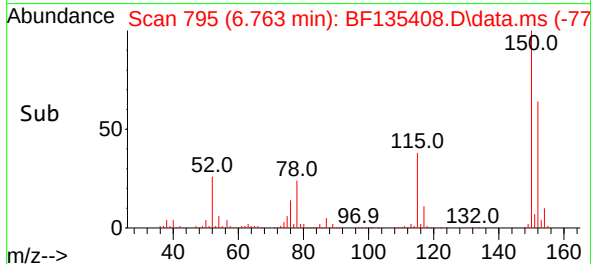
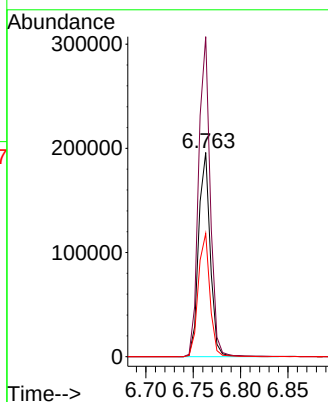
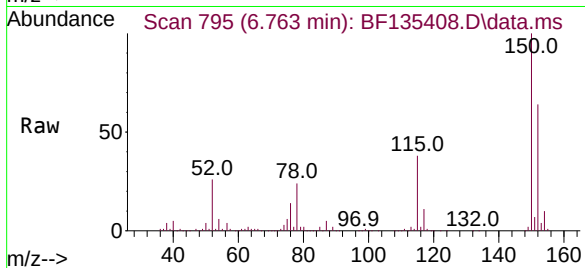




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135408.D
 Acq: 22 Sep 2023 19:41

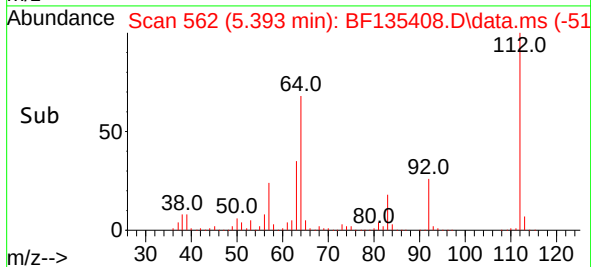
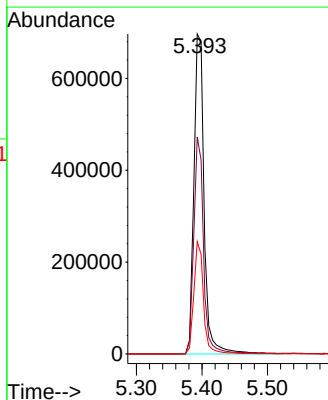
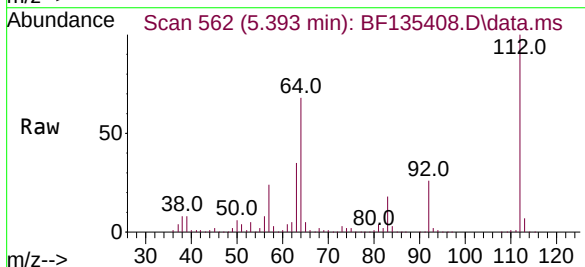
Instrument :
 BNA_F
 ClientSampleId :
 B103-01

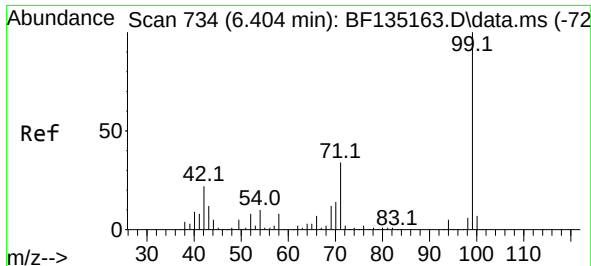
Tgt Ion:152 Resp: 167088
 Ion Ratio Lower Upper
 152 100
 150 156.7 127.8 191.6
 115 60.3 49.8 74.8



#5
 2-Fluorophenol
 Concen: 73.921 ng
 RT: 5.393 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF135408.D
 Acq: 22 Sep 2023 19:41

Tgt Ion:112 Resp: 759408
 Ion Ratio Lower Upper
 112 100
 64 67.8 55.9 83.9
 63 35.1 29.0 43.6

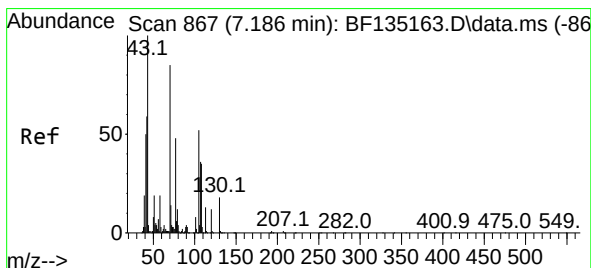
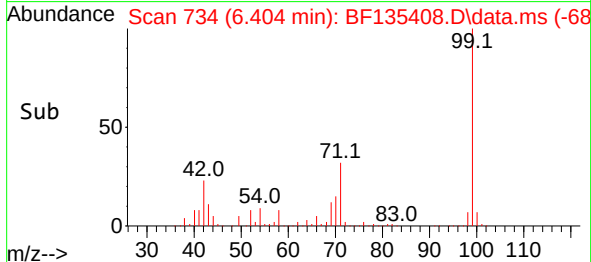
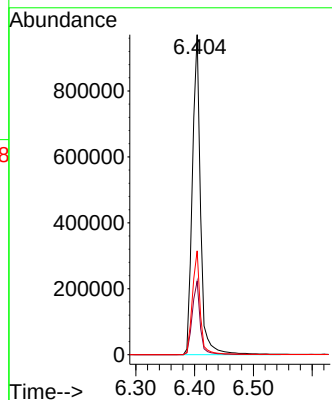
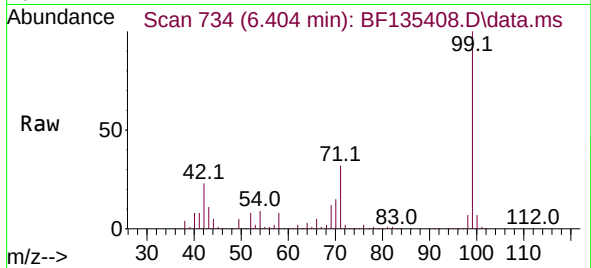




#7
Phenol-d6
Concen: 72.311 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135408.D
Acq: 22 Sep 2023 19:41

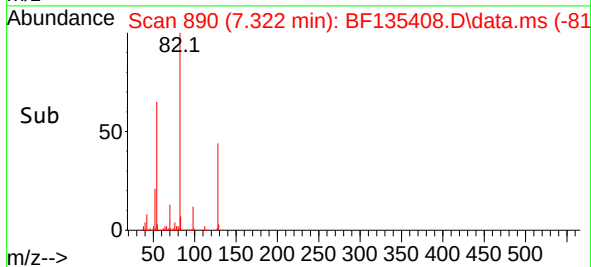
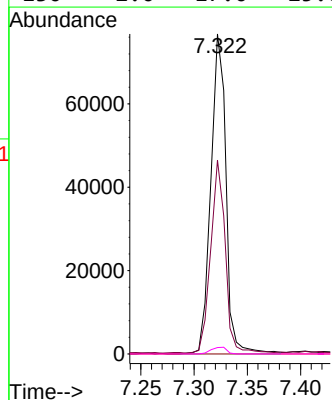
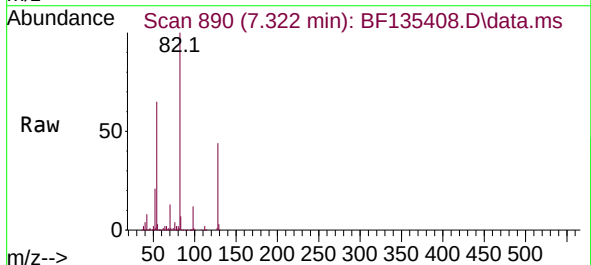
Instrument :
BNA_F
ClientSampleId :
B103-01

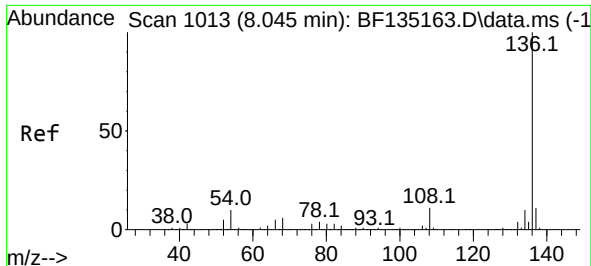
Tgt Ion: 99 Resp: 944594
Ion Ratio Lower Upper
99 100
42 23.0 17.9 26.9
71 32.5 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.418 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.136 min
Lab File: BF135408.D
Acq: 22 Sep 2023 19:41

Tgt Ion: 70 Resp: 76199
Ion Ratio Lower Upper
70 100
42 60.6 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#

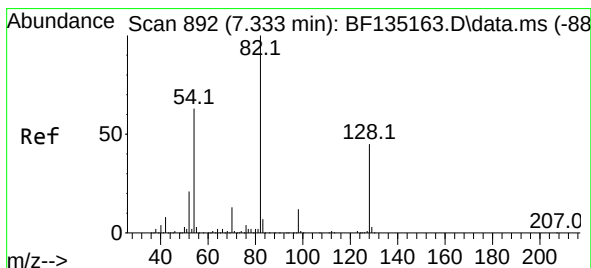
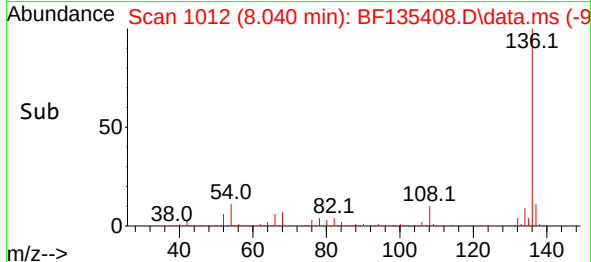
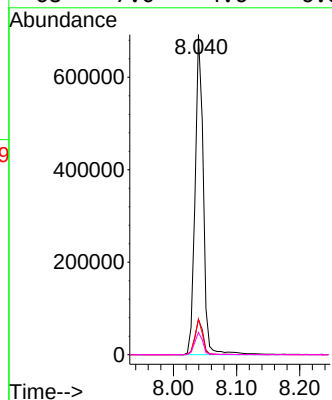
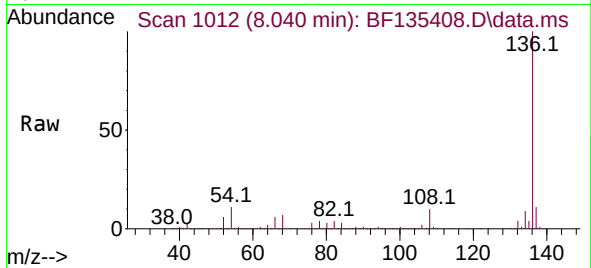




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135408.D
Acq: 22 Sep 2023 19:41

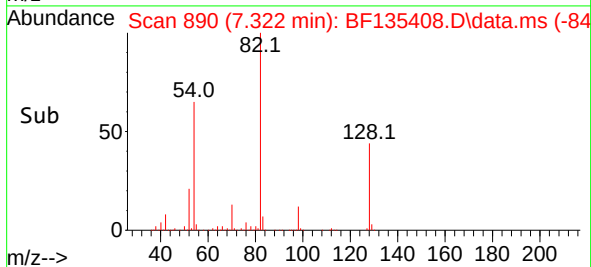
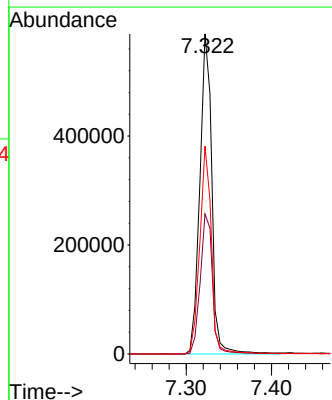
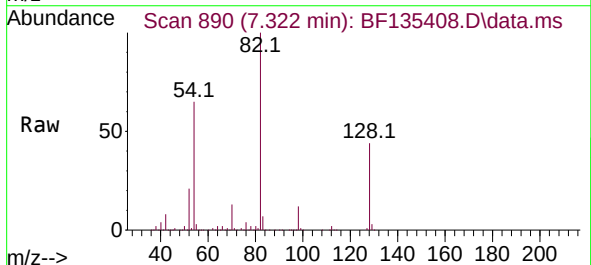
Instrument :
BNA_F
ClientSampleId :
B103-01

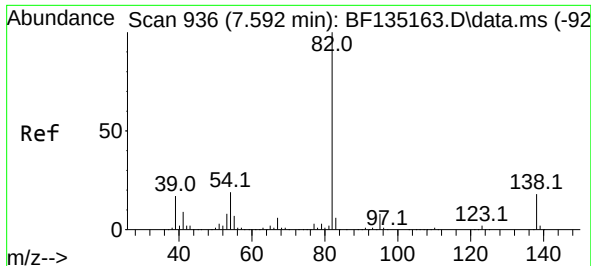
Tgt Ion:136 Resp: 622758
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.1 7.7 11.5
68 7.0 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 50.207 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.011 min
Lab File: BF135408.D
Acq: 22 Sep 2023 19:41

Tgt Ion: 82 Resp: 575503
Ion Ratio Lower Upper
82 100
128 43.8 35.8 53.6
54 64.9 50.6 76.0

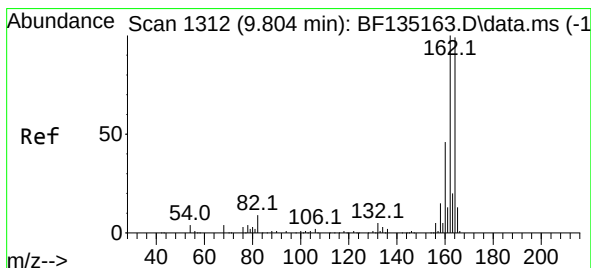
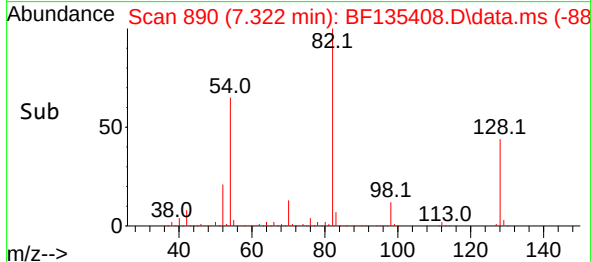
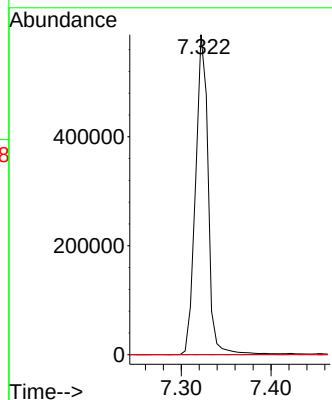
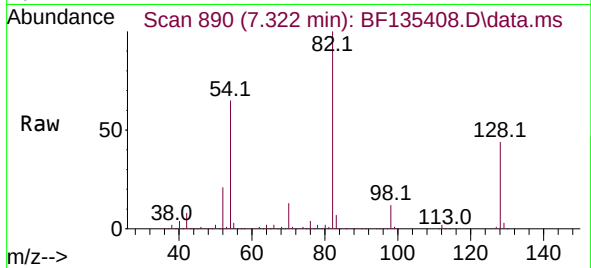




#25
Isophorone
Concen: 27.341 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135408.D
Acq: 22 Sep 2023 19:41

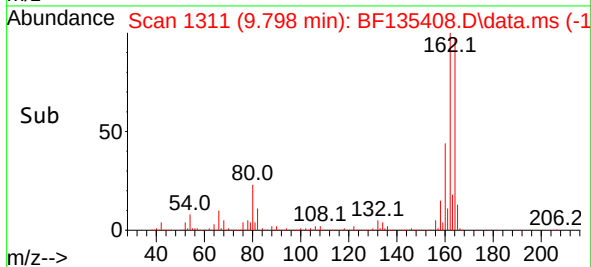
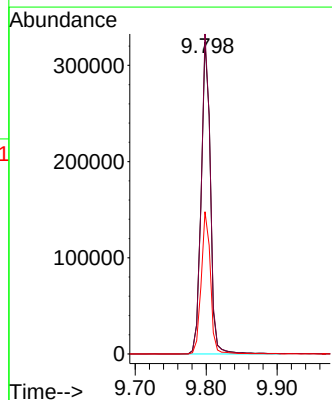
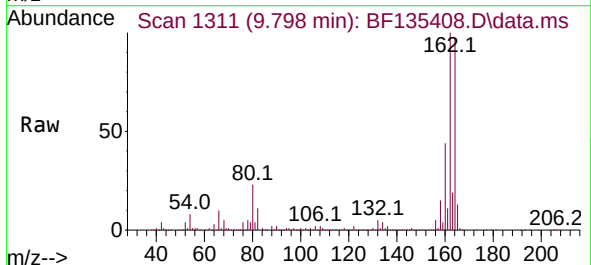
Instrument :
BNA_F
ClientSampleId :
B103-01

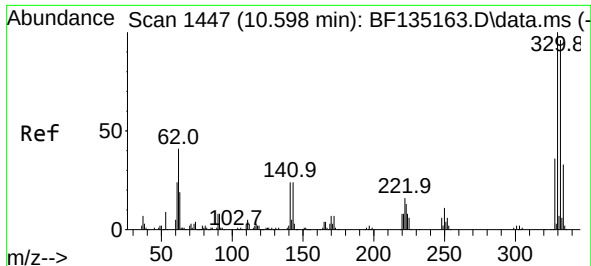
Tgt Ion: 82 Resp: 575494
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135408.D
Acq: 22 Sep 2023 19:41

Tgt Ion: 164 Resp: 294606
Ion Ratio Lower Upper
164 100
162 102.6 81.0 121.4
160 45.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 60.095 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135408.D

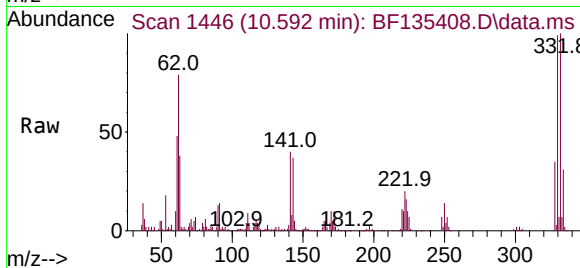
Acq: 22 Sep 2023 19:41

Instrument :

BNA_F

ClientSampleId :

B103-01



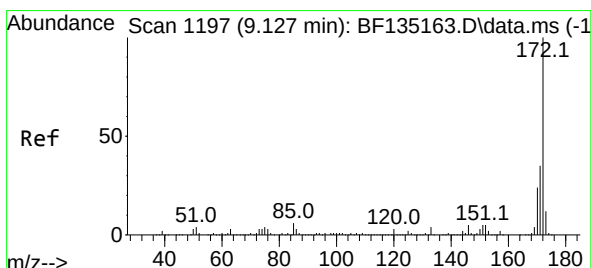
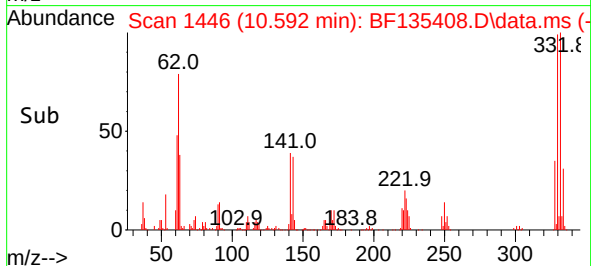
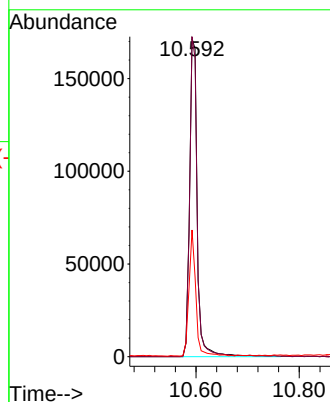
Tgt Ion:330 Resp: 175939

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

141 35.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 48.036 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135408.D

Acq: 22 Sep 2023 19:41

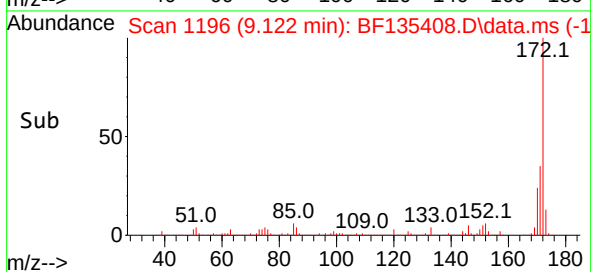
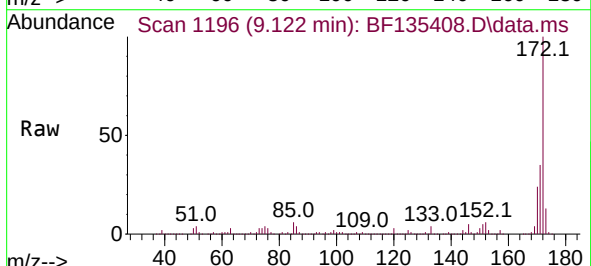
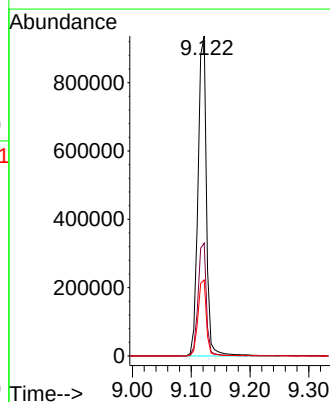
Tgt Ion:172 Resp: 937999

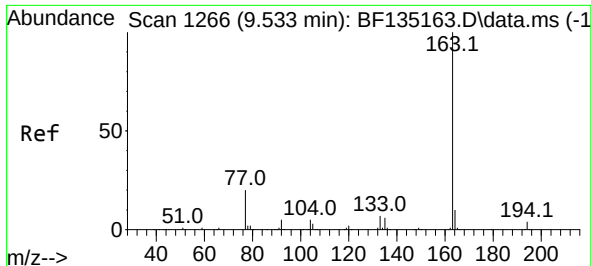
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.7 19.0 28.4

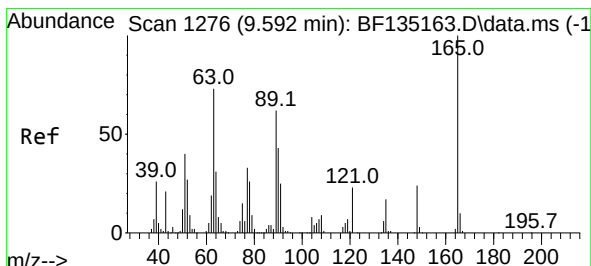
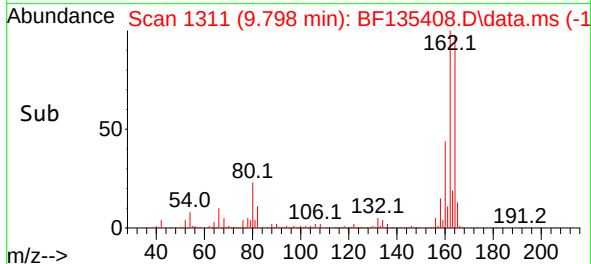
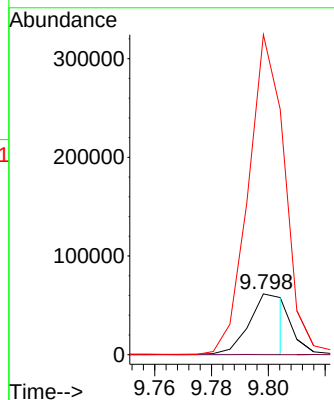
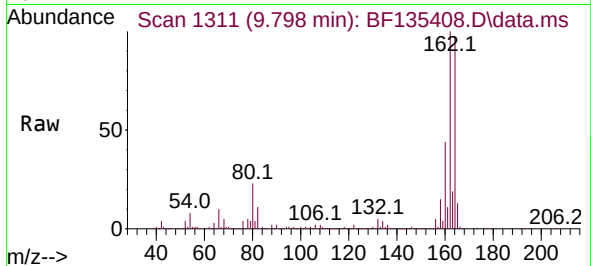




#50
Dimethylphthalate
Concen: 2.678 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF135408.D
Acq: 22 Sep 2023 19:41

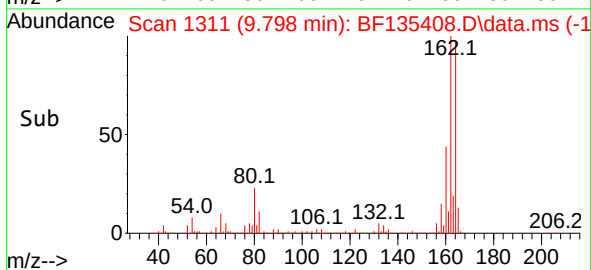
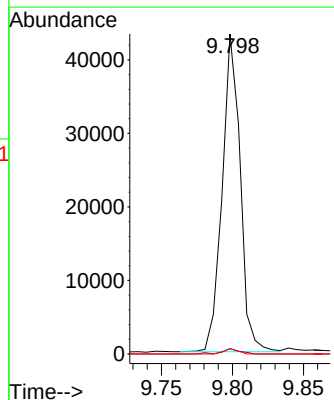
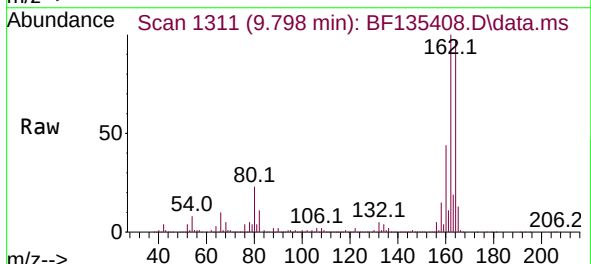
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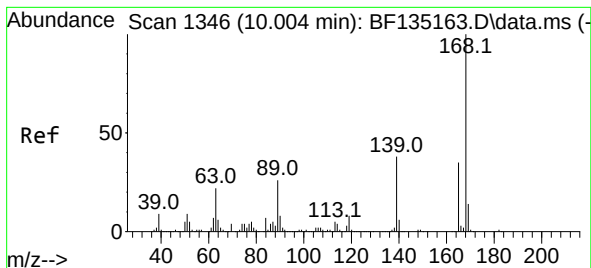
Tgt Ion:163 Resp: 53338
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 525.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.733 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135408.D
Acq: 22 Sep 2023 19:41

Tgt Ion:165 Resp: 38105
Ion Ratio Lower Upper
165 100
63 1.7 59.4 89.2#
89 1.6 49.8 74.8#

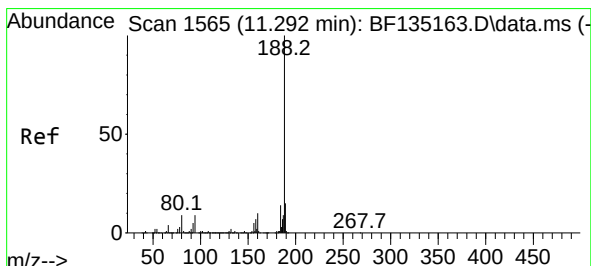
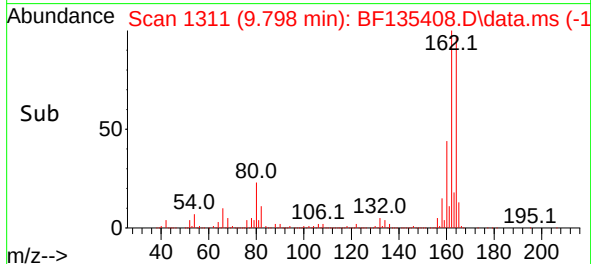
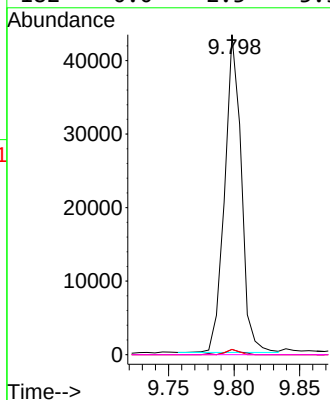
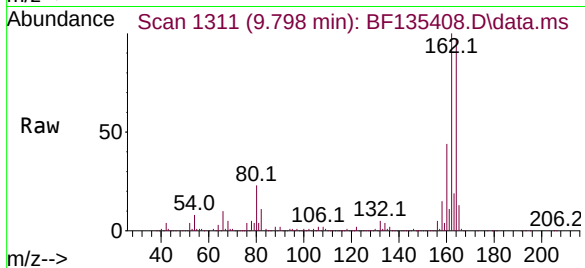




#57
2,4-Dinitrotoluene
Concen: 6.979 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.206 min
Lab File: BF135408.D
Acq: 22 Sep 2023 19:41

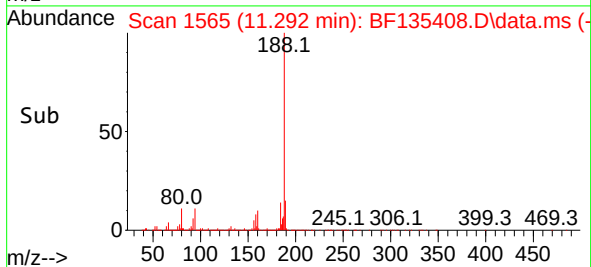
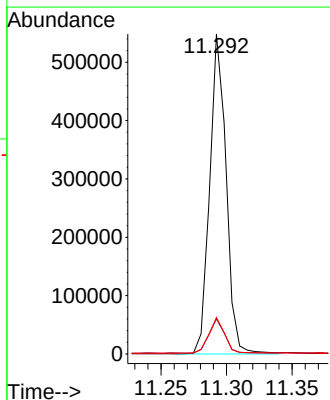
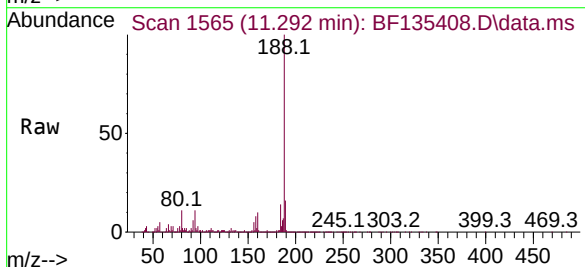
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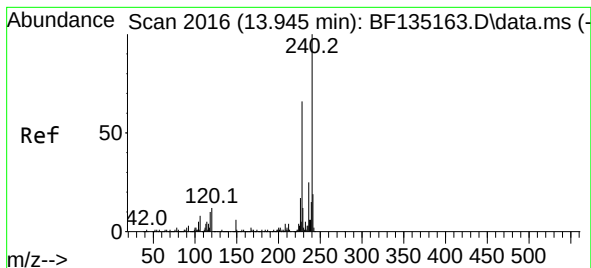
Tgt Ion:165 Resp: 38125
Ion Ratio Lower Upper
165 100
63 1.7 50.1 75.1#
89 1.6 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135408.D
Acq: 22 Sep 2023 19:41

Tgt Ion:188 Resp: 478276
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.6#
80 11.4 7.5 11.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF135408.D

Acq: 22 Sep 2023 19:41

Instrument :

BNA_F

ClientSampleId :

B103-01

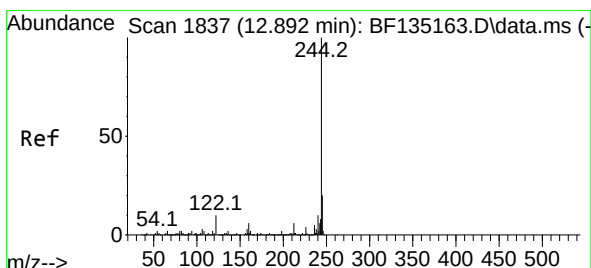
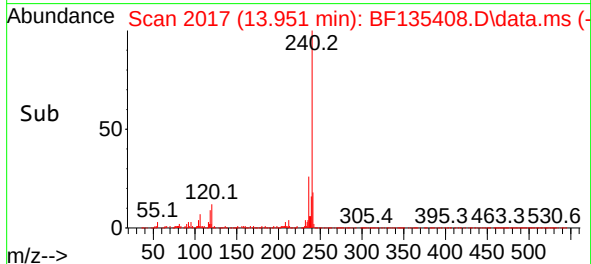
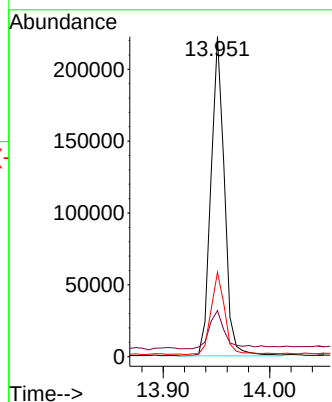
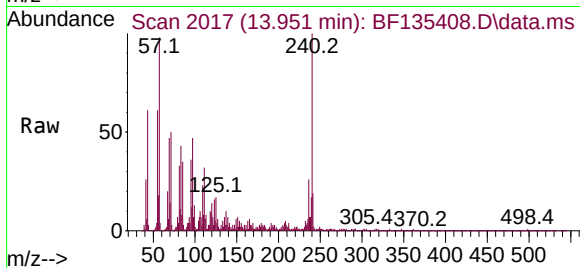
Tgt Ion:240 Resp: 195873

Ion Ratio Lower Upper

240 100

120 14.4 9.4 14.2#

236 26.4 19.8 29.8



#79

Terphenyl-d14

Concen: 46.468 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135408.D

Acq: 22 Sep 2023 19:41

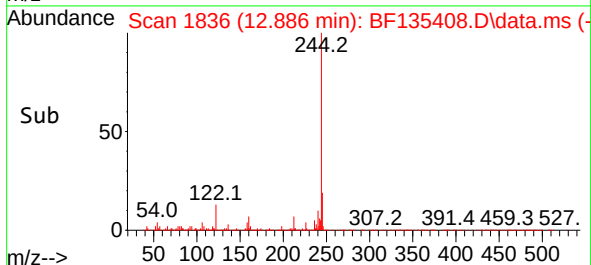
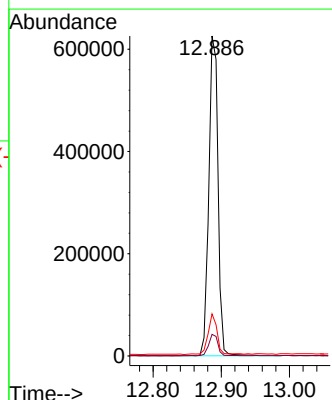
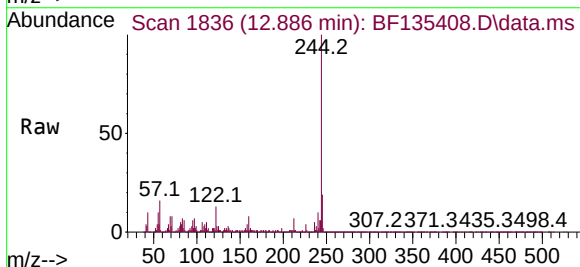
Tgt Ion:244 Resp: 587148

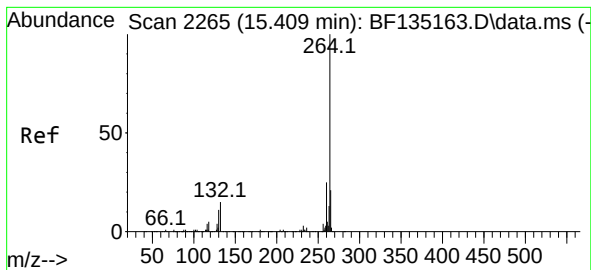
Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 13.2 7.9 11.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF135408.D

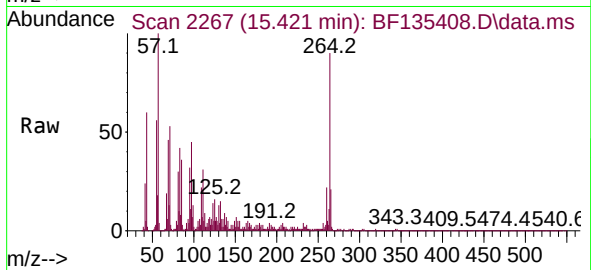
Acq: 22 Sep 2023 19:41

Instrument :

BNA_F

ClientSampleId :

B103-01



Tgt Ion:264 Resp: 259204

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.6

265 22.7 17.0 25.4

