

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135118.D
 Acq On : 06 Sep 2023 04:26
 Operator : CG\JU
 Sample : 04244-02RE
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BIN-BLOCK

Quant Time: Sep 06 05:58:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

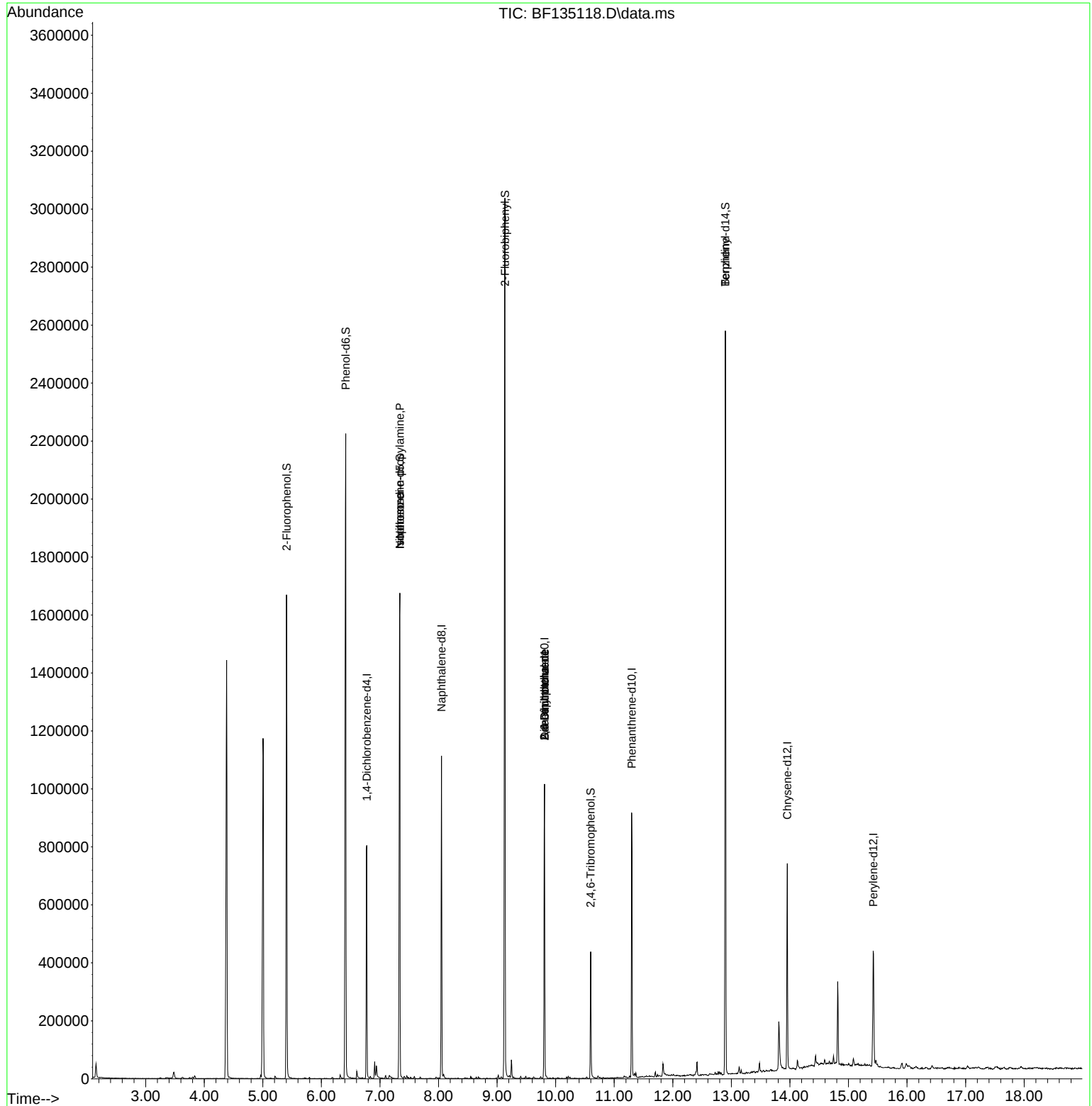
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	112852	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	446115	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	207665	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	340361	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	226392	20.000	ng	0.00
86) Perylene-d12	15.421	264	191142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	430735	58.955	ng	0.00
7) Phenol-d6	6.416	99	790108	86.762	ng	0.00
23) Nitrobenzene-d5	7.339	82	573114	72.174	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	50222	22.798	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	992594	77.820	ng	0.00
79) Terphenyl-d14	12.898	244	898332	64.754	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.339	70	77810	14.384	ng	# 76
25) Isophorone	7.339	82	573108	38.066	ng	# 65
50) Dimethylphthalate	9.810	163	42934	2.953	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	26519	8.311	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	26519	6.669	ng	# 20
77) Benzidine	12.898	184	11474	2.812	ng	# 93

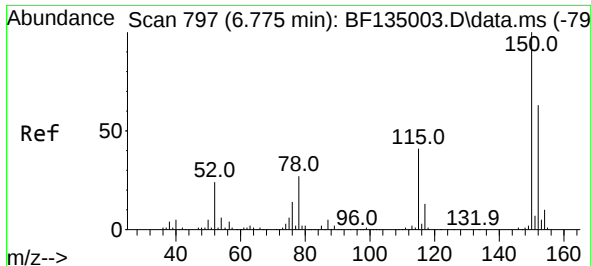
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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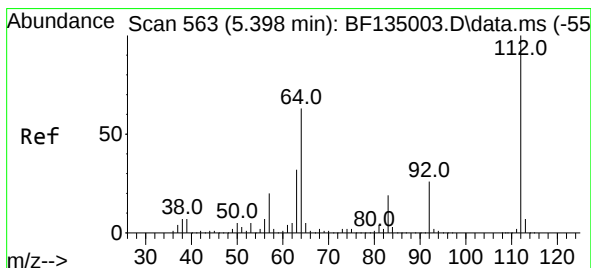
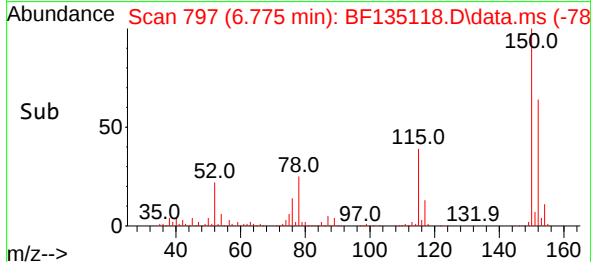
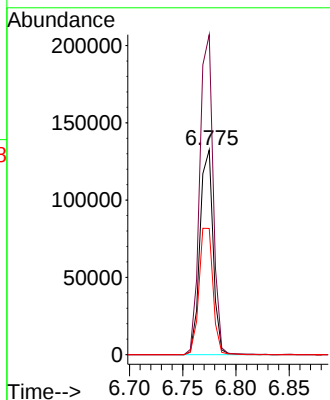
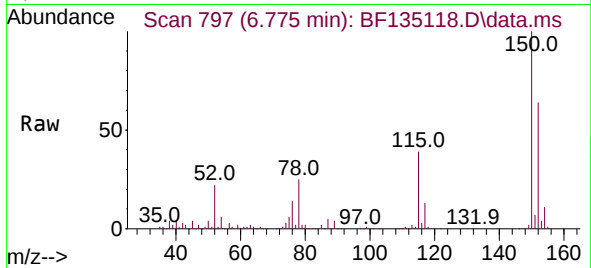




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF135118.D
 Acq: 06 Sep 2023 04:26

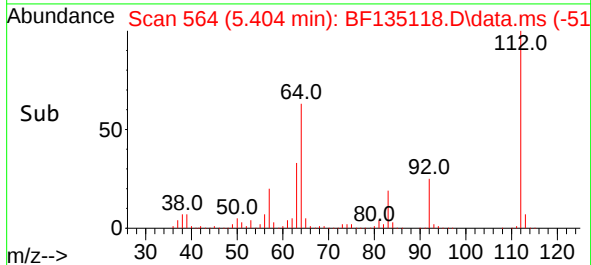
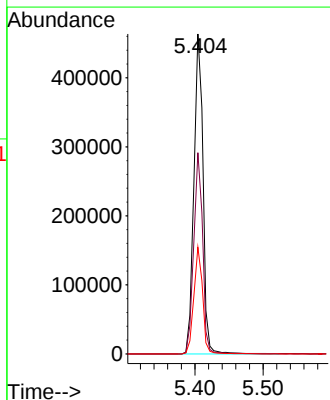
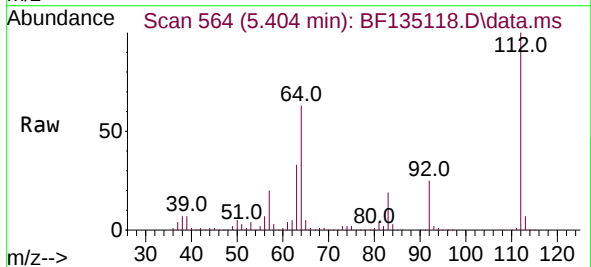
Instrument :
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 ClientSampleId :
 BIN-BLOCK

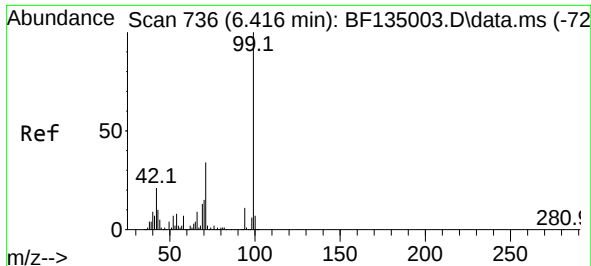
Tgt Ion:152 Resp: 112852
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.2 189.4
 115 61.6 51.2 76.8



#5
 2-Fluorophenol
 Concen: 58.955 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.006 min
 Lab File: BF135118.D
 Acq: 06 Sep 2023 04:26

Tgt Ion:112 Resp: 430735
 Ion Ratio Lower Upper
 112 100
 64 62.9 50.5 75.7
 63 33.3 25.9 38.9

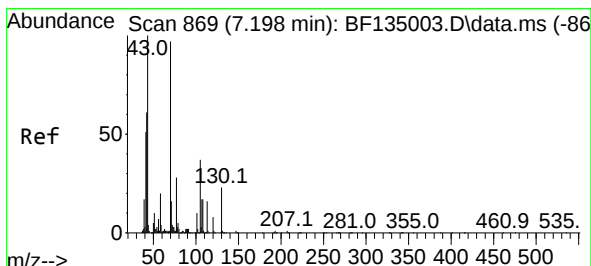
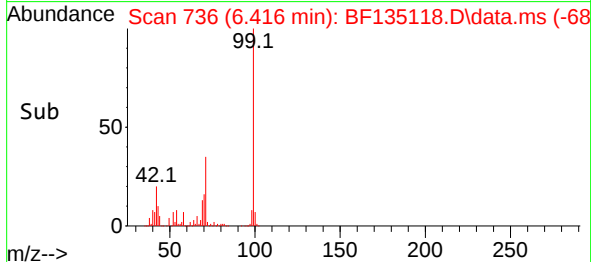
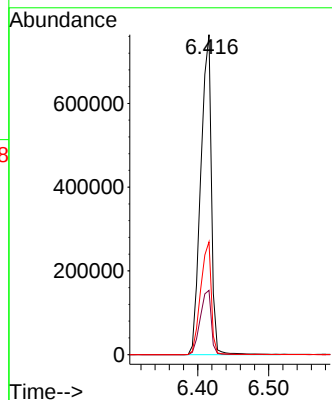
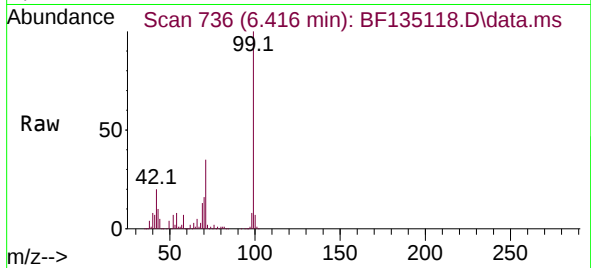




#7
Phenol-d6
Concen: 86.762 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF135118.D
Acq: 06 Sep 2023 04:26

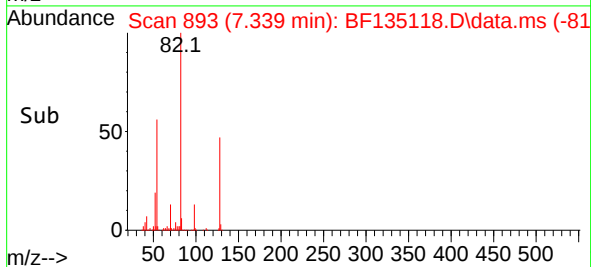
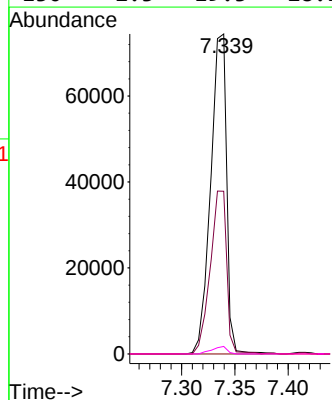
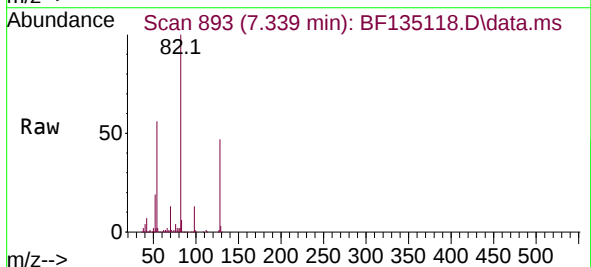
Instrument :
BNA_F
ClientSampleId :
BIN-BLOCK

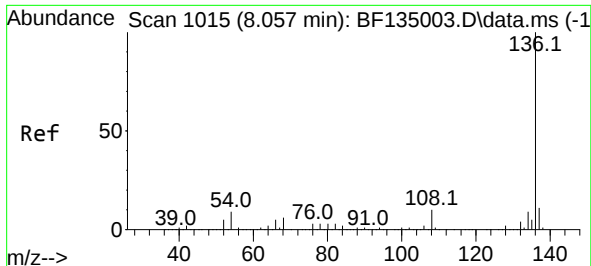
Tgt Ion: 99 Resp: 790108
Ion Ratio Lower Upper
99 100
42 20.1 16.6 25.0
71 35.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.384 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF135118.D
Acq: 06 Sep 2023 04:26

Tgt Ion: 70 Resp: 77810
Ion Ratio Lower Upper
70 100
42 50.8 50.2 75.4
101 0.0 8.1 12.1#
130 2.3 19.3 28.9#

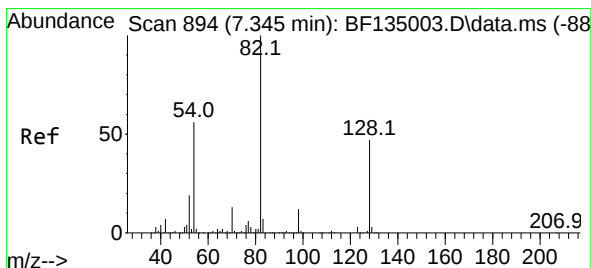
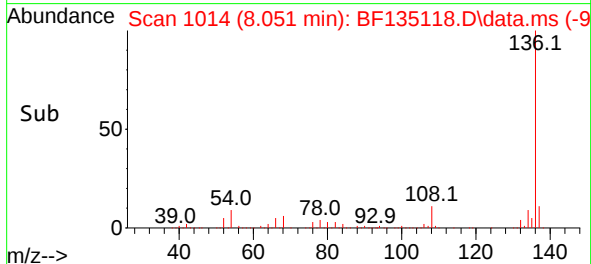
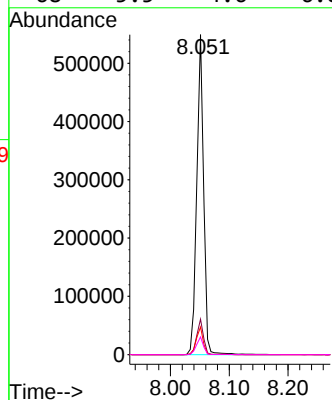
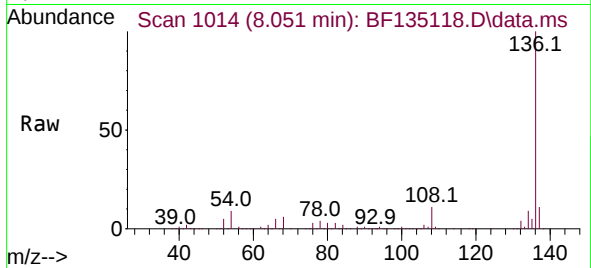




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135118.D
Acq: 06 Sep 2023 04:26

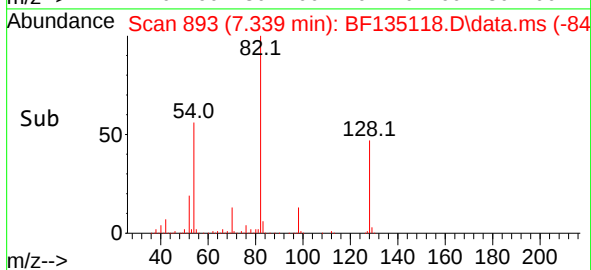
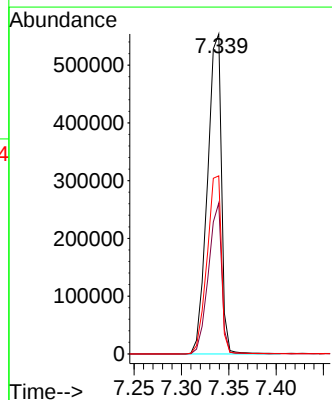
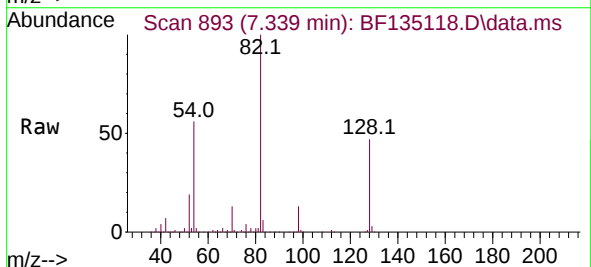
Instrument :
BNA_F
ClientSampleId :
BIN-BLOCK

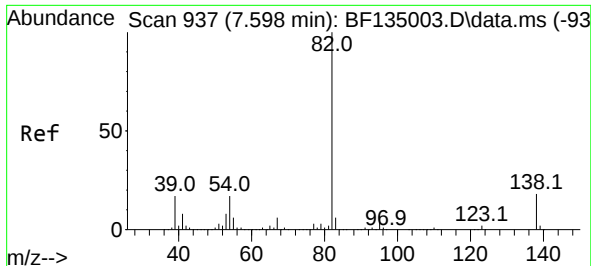
Tgt Ion:136	Resp: 446115
Ion Ratio	Lower Upper
136	100
137	11.1 8.8 13.2
54	8.6 7.0 10.4
68	5.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 72.174 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF135118.D
Acq: 06 Sep 2023 04:26

Tgt Ion: 82	Resp: 573114
Ion Ratio	Lower Upper
82	100
128	47.1 37.8 56.8
54	55.6 45.0 67.6

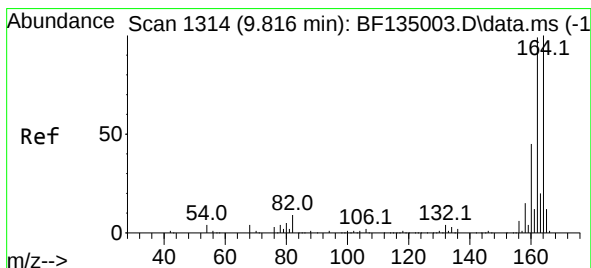
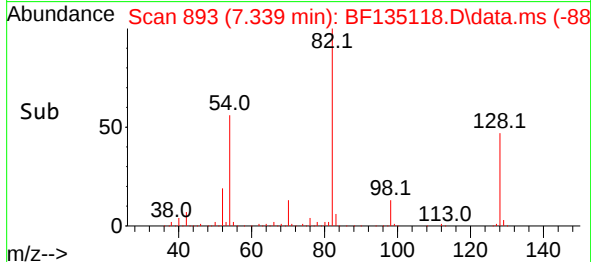
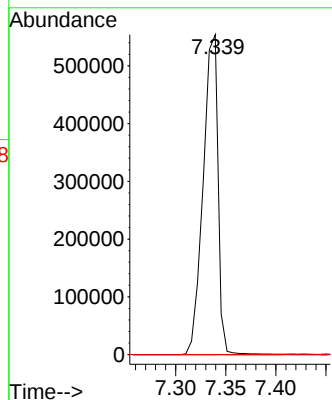
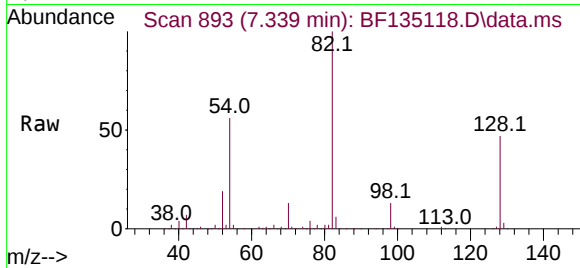




#25
Isophorone
Concen: 38.066 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF135118.D
Acq: 06 Sep 2023 04:26

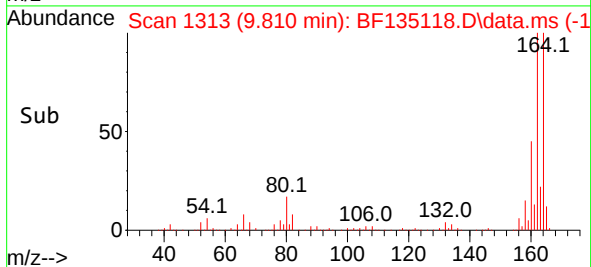
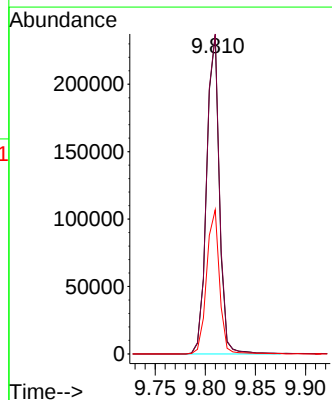
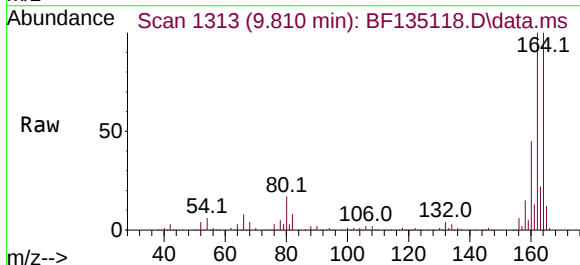
Instrument :
BNA_F
ClientSampleId :
BIN-BLOCK

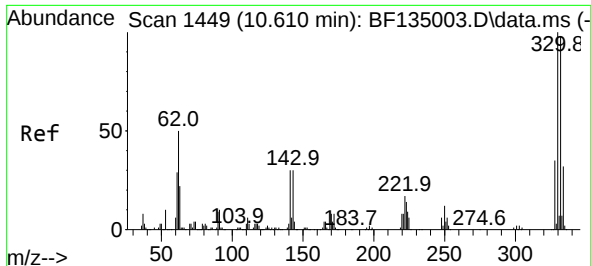
Tgt Ion: 82 Resp: 573108
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135118.D
Acq: 06 Sep 2023 04:26

Tgt Ion:164 Resp: 207665
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 45.2 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 22.798 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135118.D

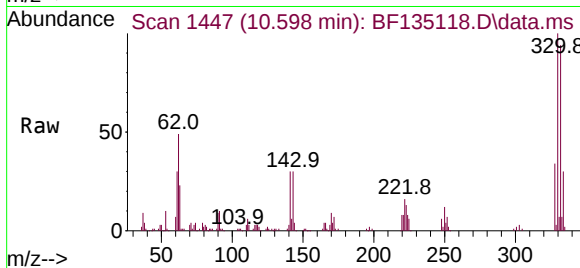
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Instrument :

BNA_F

ClientSampleId :

BIN-BLOCK



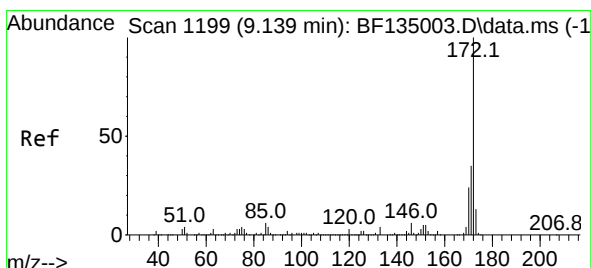
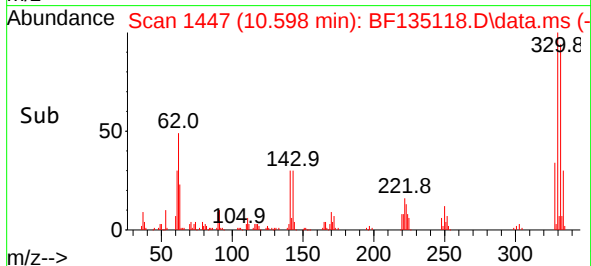
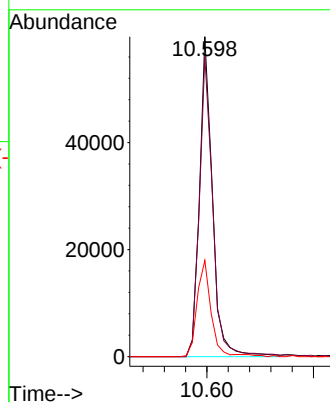
Tgt Ion:330 Resp: 50222

Ion Ratio Lower Upper

330 100

332 97.6 77.6 116.4

141 32.9 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 77.820 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135118.D

Acq: 06 Sep 2023 04:26

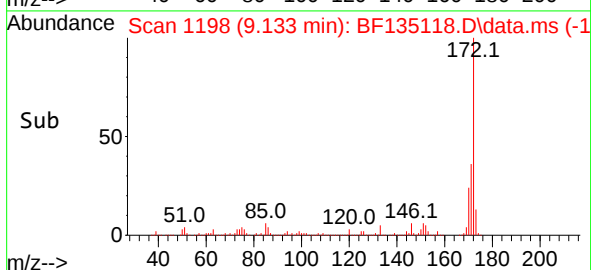
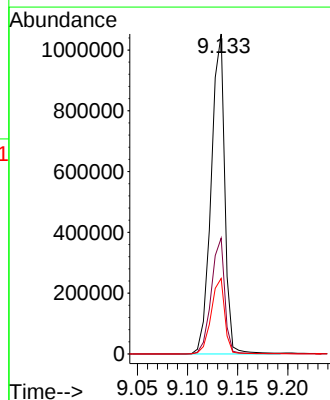
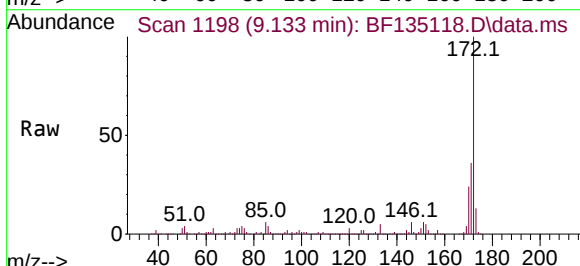
Tgt Ion:172 Resp: 992594

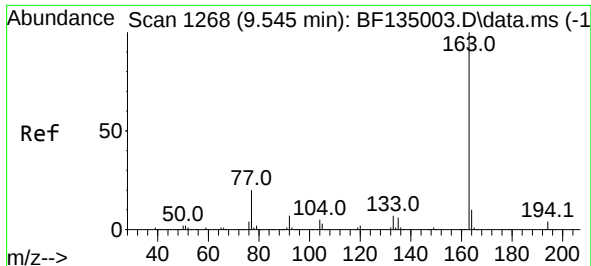
Ion Ratio Lower Upper

172 100

171 36.2 28.2 42.2

170 23.6 19.0 28.4

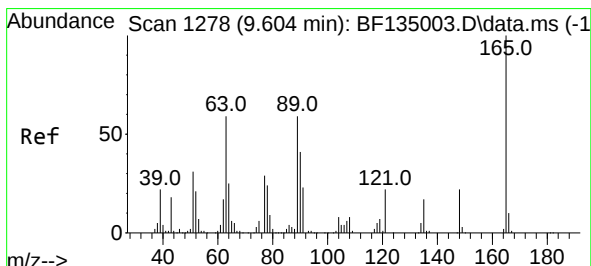
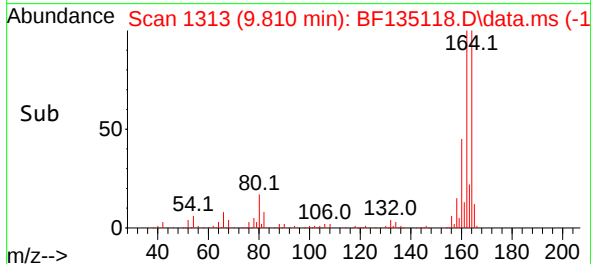
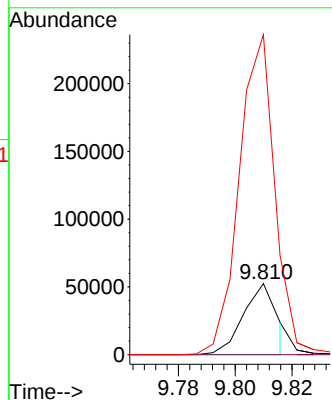
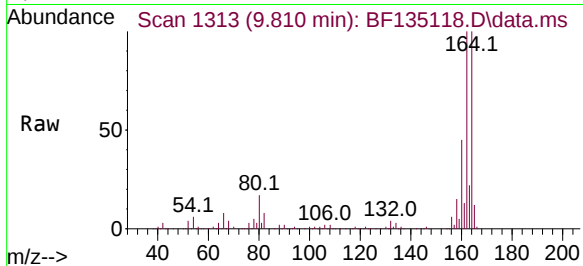




#50
Dimethylphthalate
Concen: 2.953 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.265 min
Lab File: BF135118.D
Acq: 06 Sep 2023 04:26

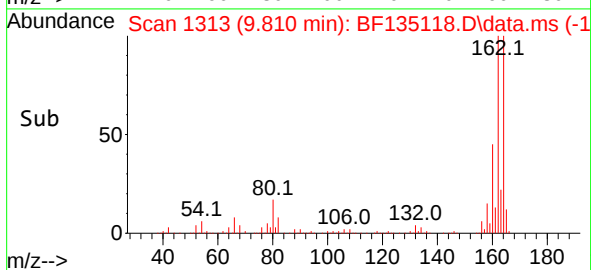
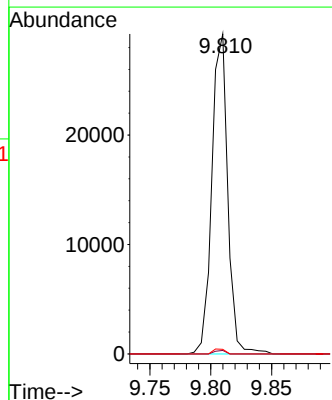
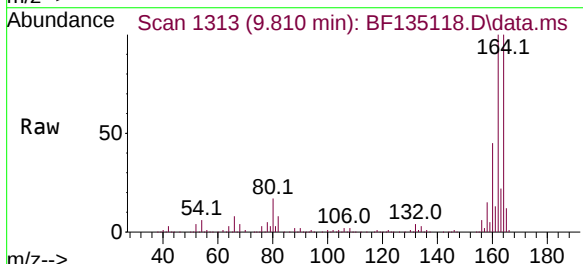
Instrument :
BNA_F
ClientSampleId :
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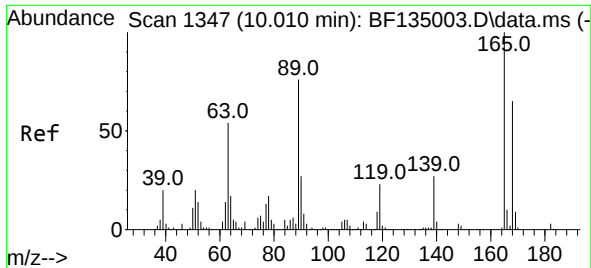
Tgt Ion:163 Resp: 42934
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 451.2 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.311 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135118.D
Acq: 06 Sep 2023 04:26

Tgt Ion:165 Resp: 26519
Ion Ratio Lower Upper
165 100
63 1.1 50.4 75.6#
89 1.4 47.1 70.7#

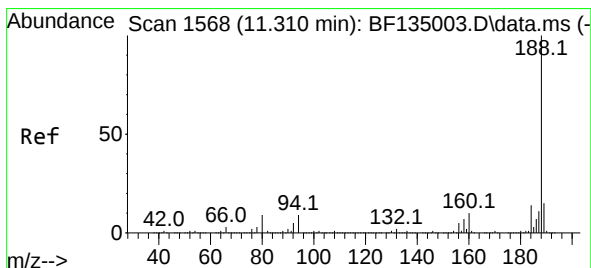
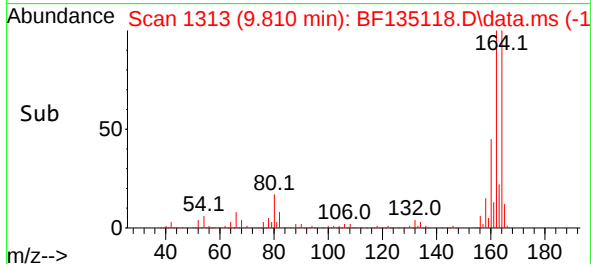
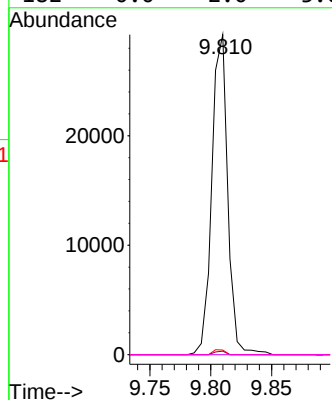
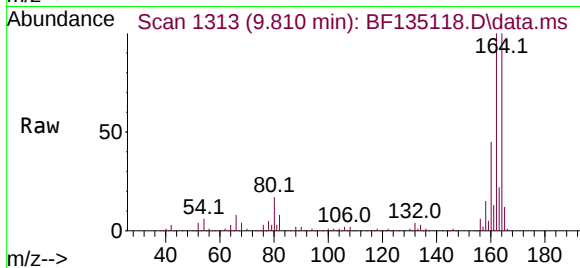




#57
2,4-Dinitrotoluene
Concen: 6.669 ng
RT: 9.810 min Scan# 1347
Delta R.T. -0.200 min
Lab File: BF135118.D
Acq: 06 Sep 2023 04:26

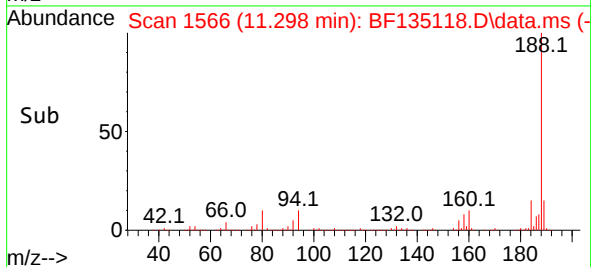
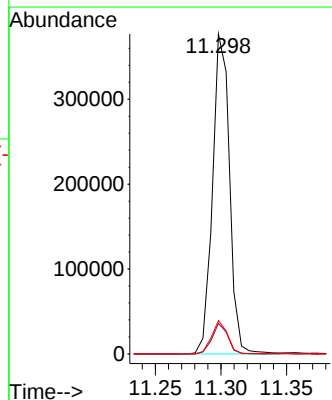
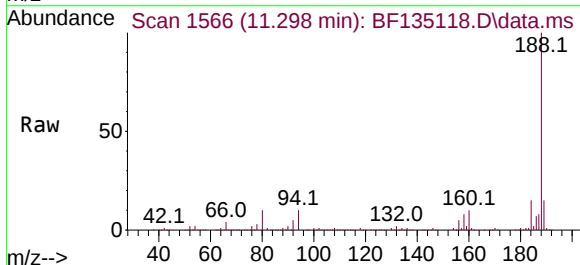
Instrument :
BNA_F
ClientSampleId :
BIN-BLOCK

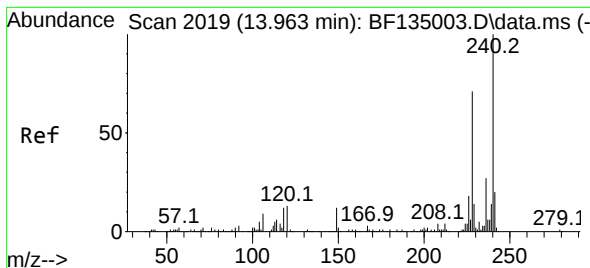
Tgt Ion:165 Resp: 26519
Ion Ratio Lower Upper
165 100
63 1.1 43.2 64.8#
89 1.4 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135118.D
Acq: 06 Sep 2023 04:26

Tgt Ion:188 Resp: 340361
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 10.5 7.4 11.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135118.D

Acq: 06 Sep 2023 04:26

Instrument :

BNA_F

ClientSampleId :

BIN-BLOCK

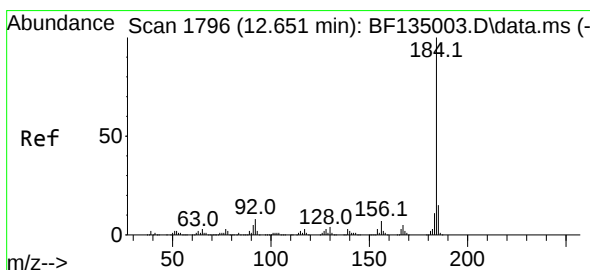
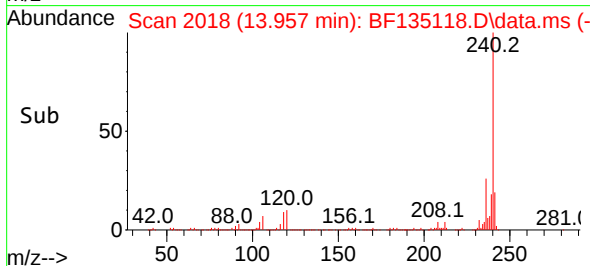
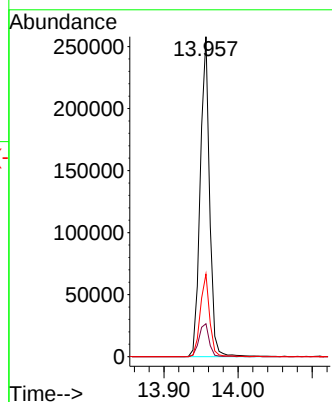
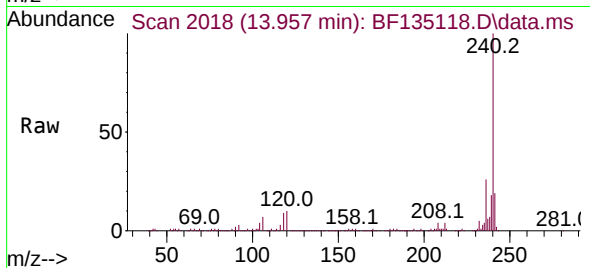
Tgt Ion:240 Resp: 226392

Ion Ratio Lower Upper

240 100

120 10.3 10.2 15.2

236 25.8 21.3 31.9



#77

Benzidine

Concen: 2.812 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.247 min

Lab File: BF135118.D

Acq: 06 Sep 2023 04:26

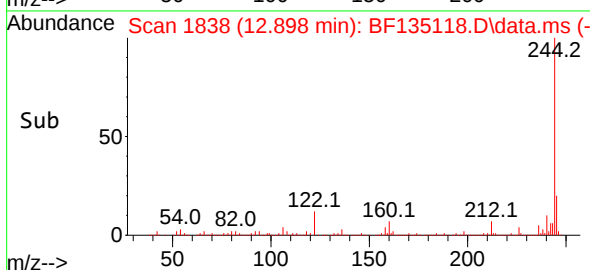
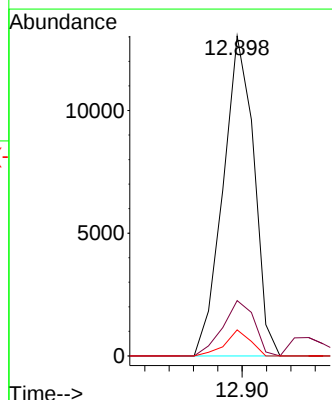
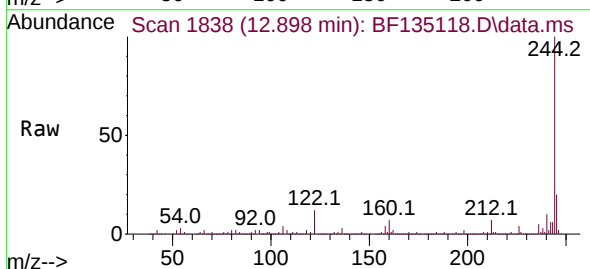
Tgt Ion:184 Resp: 11474

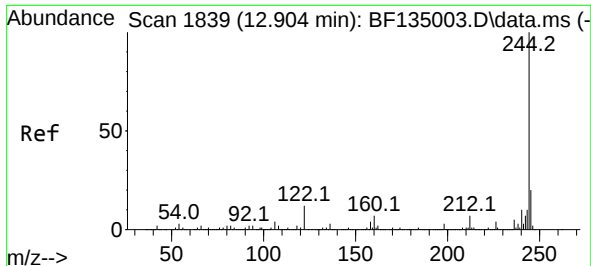
Ion Ratio Lower Upper

184 100

185 17.3 12.0 18.0

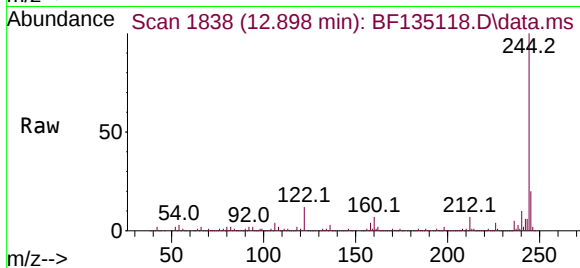
183 8.1 9.0 13.6#



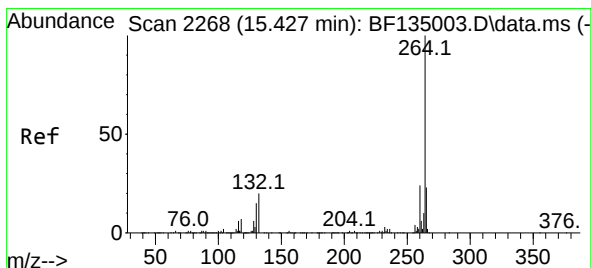
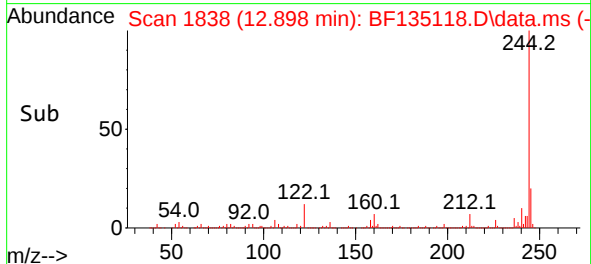
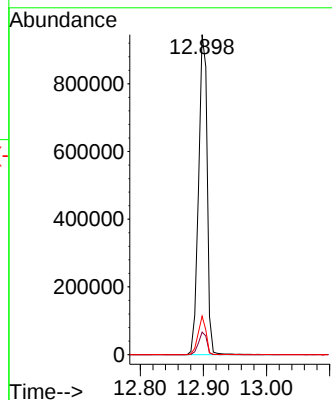


#79
Terphenyl-d14
Concen: 64.754 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135118.D
Acq: 06 Sep 2023 04:26

Instrument :
BNA_F
ClientSampleId :
BIN-BLOCK



Tgt Ion:244 Resp: 898332
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 12.0 9.8 14.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BF135118.D
Acq: 06 Sep 2023 04:26

Tgt Ion:264 Resp: 191142
Ion Ratio Lower Upper
264 100
260 22.7 19.0 28.6
265 21.2 18.2 27.2

