

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135398.D
 Acq On : 22 Sep 2023 13:39
 Operator : CG\JU
 Sample : 04501-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Sep 23 04:41:09 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)

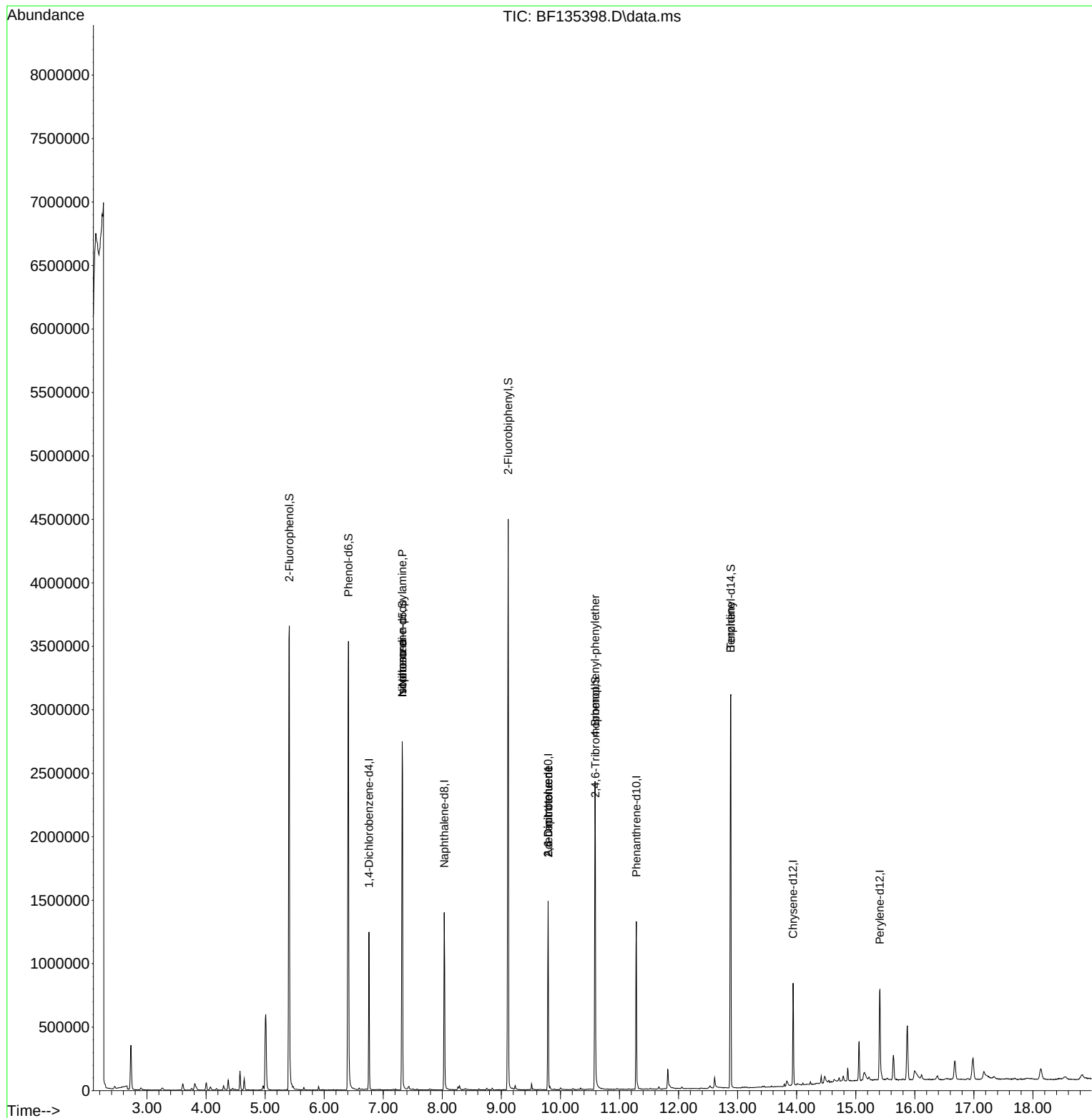
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	161521	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	591753	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	286300	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	489981	20.000	ng	0.00
76) Chrysene-d12	13.939	240	270012	20.000	ng	0.00
86) Perylene-d12	15.409	264	350259	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1126236	113.407	ng	0.02
7) Phenol-d6	6.410	99	1297153	102.723	ng	0.00
23) Nitrobenzene-d5	7.322	82	981401	90.103	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	308775	108.528	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1570329	82.752	ng	-0.01
79) Terphenyl-d14	12.886	244	1262404	72.477	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	129757	16.590	ng	# 82
25) Isophorone	7.322	82	981394	49.069	ng	# 65
51) 2,6-Dinitrotoluene	9.792	165	36759	8.669	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	36759	6.924	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	19960	4.096	ng	# 1
77) Benzidine	12.880	184	16177	2.924	ng	# 94

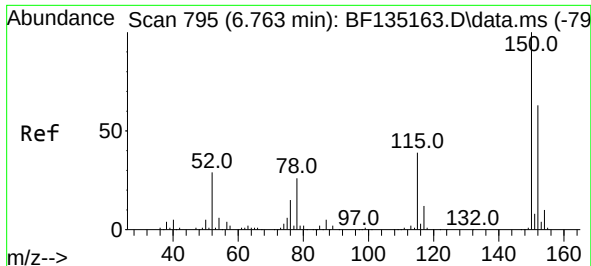
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
Data File : BF135398.D
Acq On : 22 Sep 2023 13:39
Operator : CG\JU
Sample : 04501-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Time: Sep 23 04:41:09 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

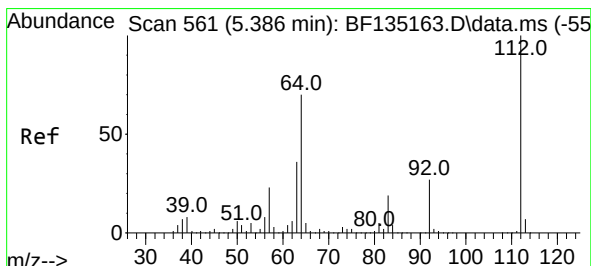
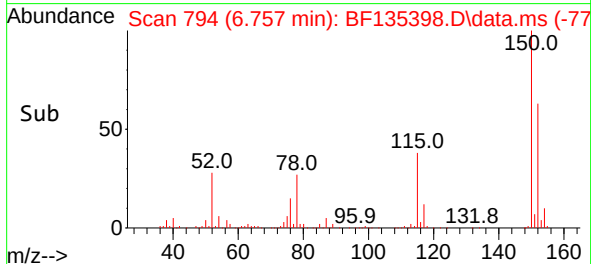
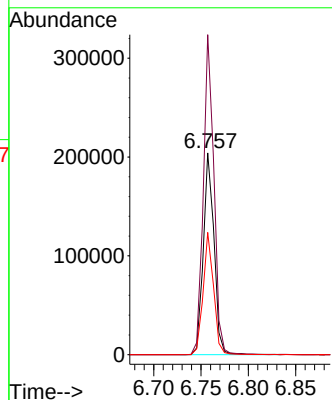
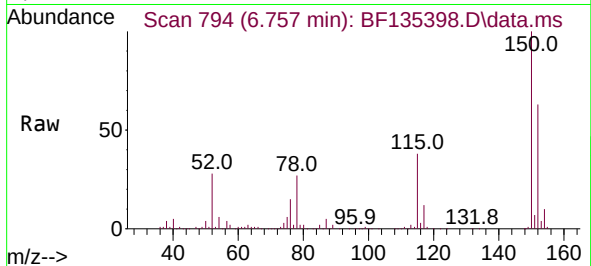




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135398.D
Acq: 22 Sep 2023 13:39

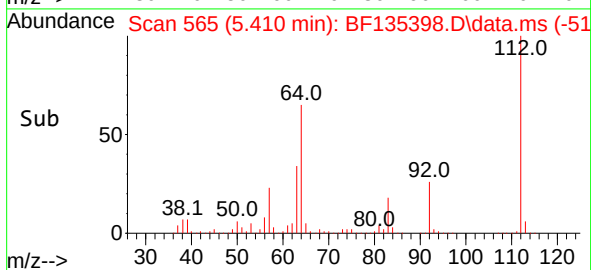
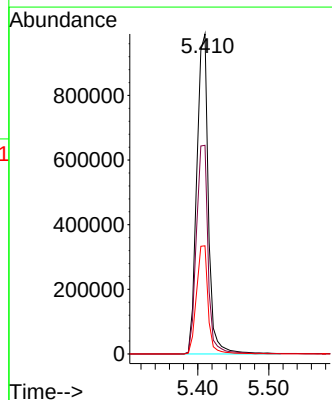
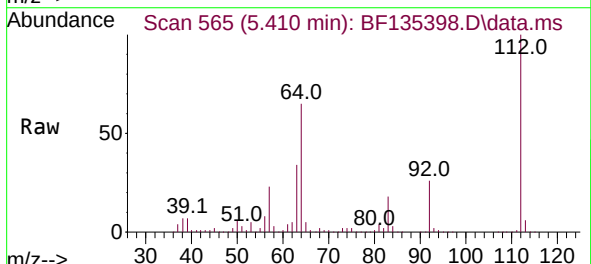
Instrument :
BNA_F
ClientSampleId :
TP-2

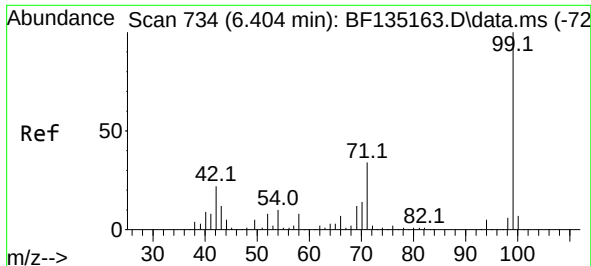
Tgt Ion:152 Resp: 161521
Ion Ratio Lower Upper
152 100
150 158.6 127.8 191.6
115 60.6 49.8 74.8



#5
2-Fluorophenol
Concen: 113.407 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.024 min
Lab File: BF135398.D
Acq: 22 Sep 2023 13:39

Tgt Ion:112 Resp: 1126236
Ion Ratio Lower Upper
112 100
64 65.2 55.9 83.9
63 33.8 29.0 43.6

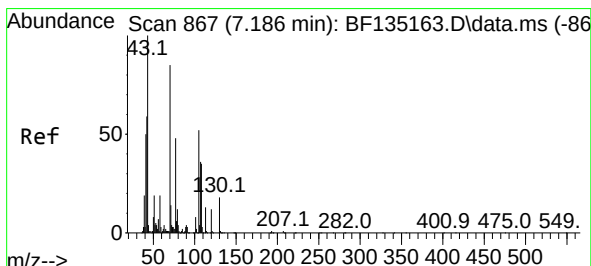
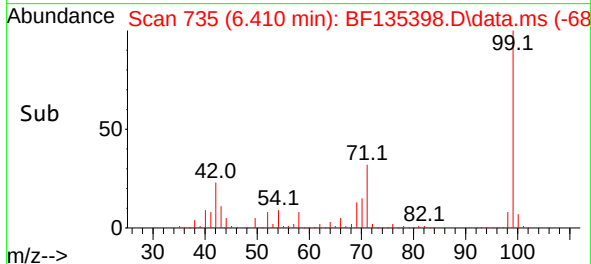
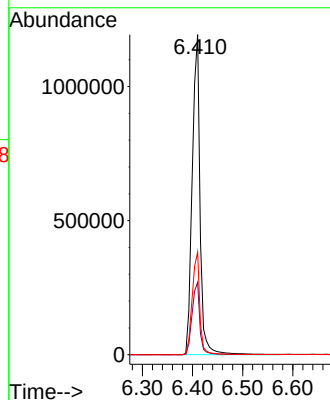
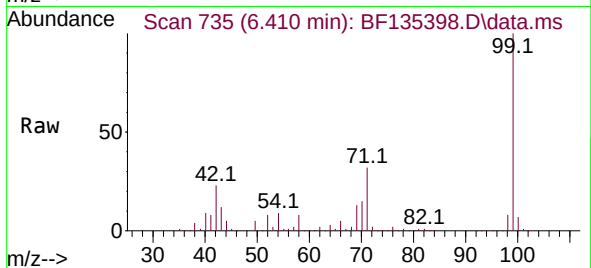




#7
Phenol-d6
Concen: 102.723 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135398.D
Acq: 22 Sep 2023 13:39

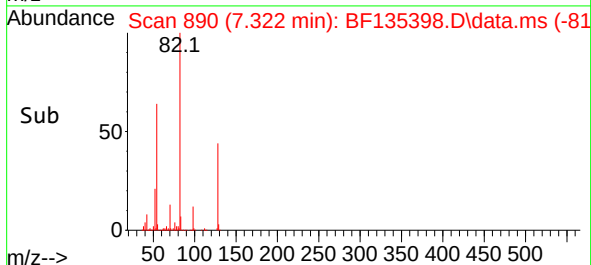
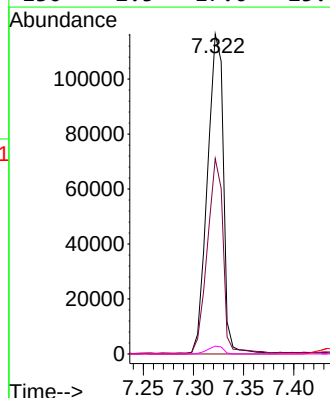
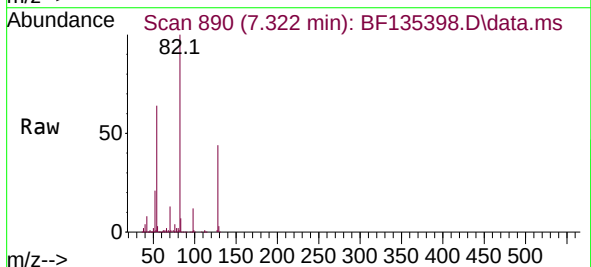
Instrument :
BNA_F
ClientSampleId :
TP-2

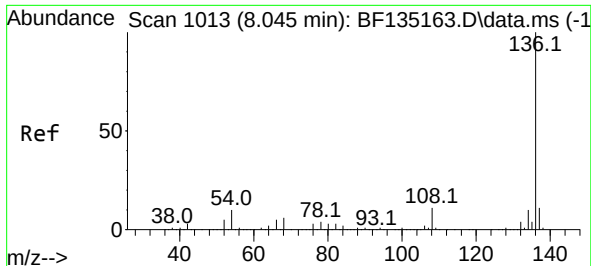
Tgt Ion: 99 Resp: 1297153
Ion Ratio Lower Upper
99 100
42 22.6 17.9 26.9
71 32.1 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.590 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135398.D
Acq: 22 Sep 2023 13:39

Tgt Ion: 70 Resp: 129757
Ion Ratio Lower Upper
70 100
42 61.0 55.4 83.0
101 0.0 7.7 11.5#
130 2.5 17.0 25.6#

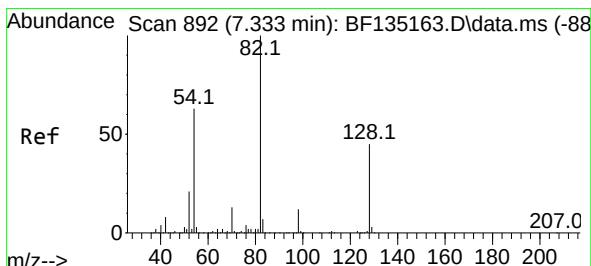
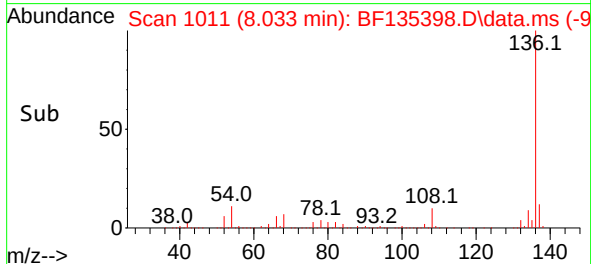
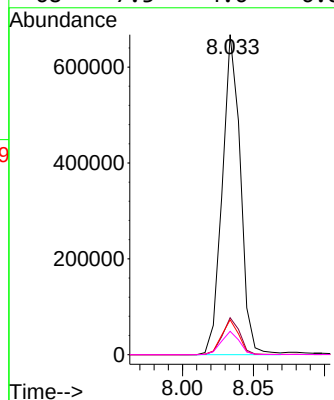
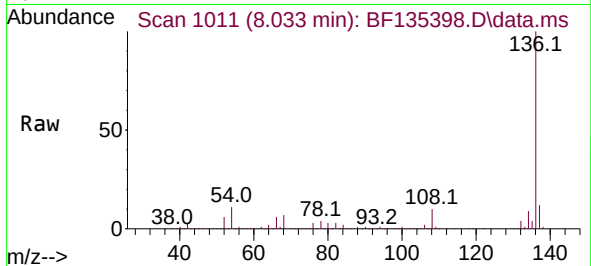




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135398.D
Acq: 22 Sep 2023 13:39

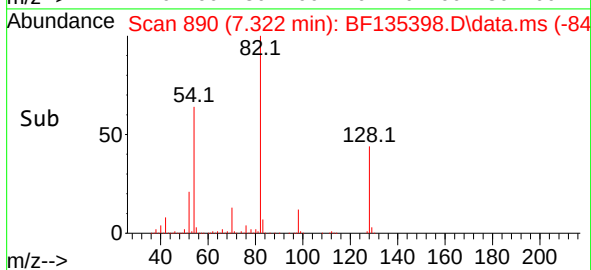
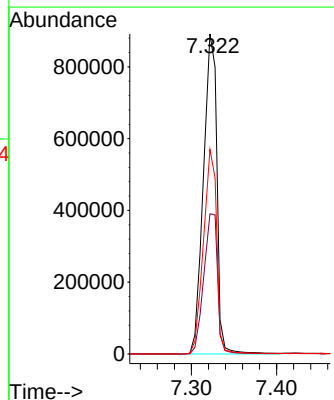
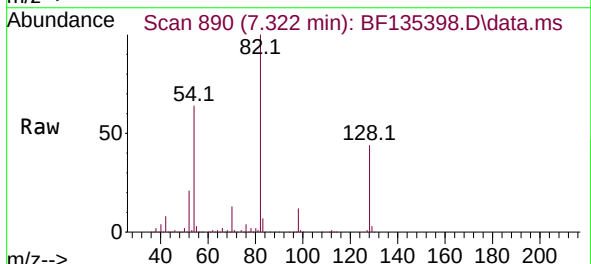
Instrument :
BNA_F
ClientSampleId :
TP-2

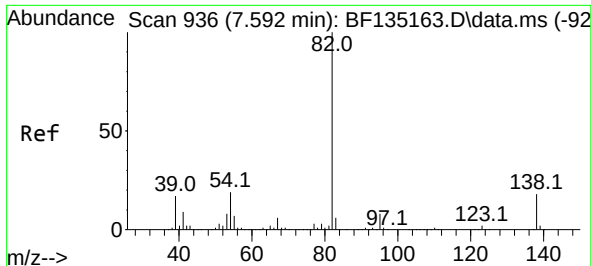
Tgt Ion:136	Resp: 591753
Ion Ratio	Lower Upper
136	100
137	11.5 8.8 13.2
54	10.9 7.7 11.5
68	7.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 90.103 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135398.D
Acq: 22 Sep 2023 13:39

Tgt Ion: 82	Resp: 981401
Ion Ratio	Lower Upper
82	100
128	43.8 35.8 53.6
54	64.0 50.6 76.0





#25

Isophorone

Concen: 49.069 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.270 min

Lab File: BF135398.D

Acq: 22 Sep 2023 13:39

Instrument :

BNA_F

ClientSampleId :

TP-2

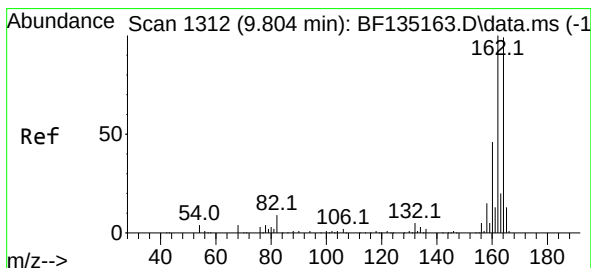
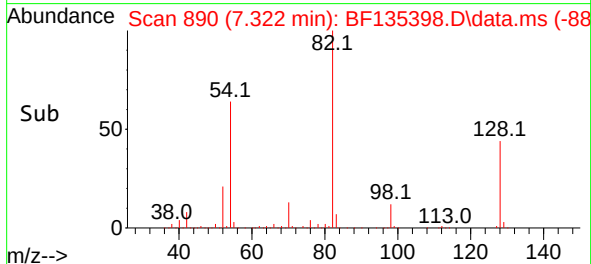
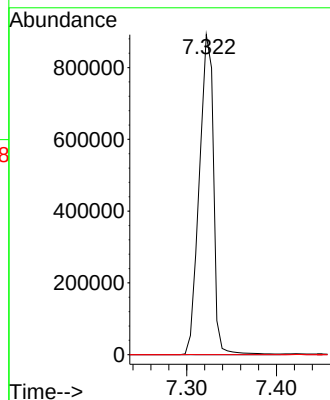
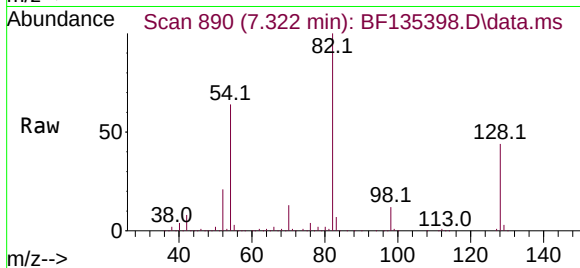
Tgt Ion: 82 Resp: 981394

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: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF135398.D

Acq: 22 Sep 2023 13:39

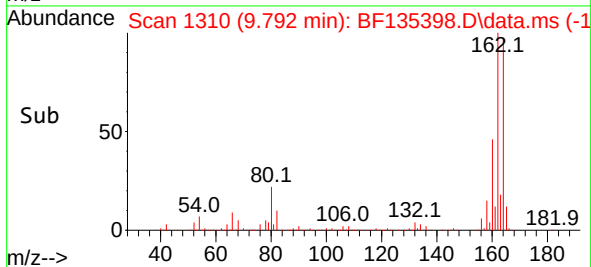
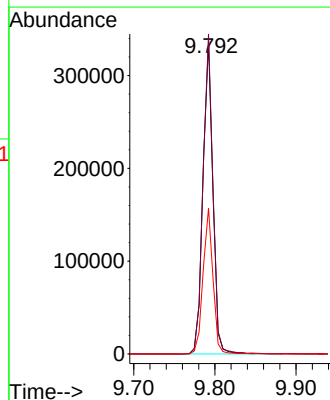
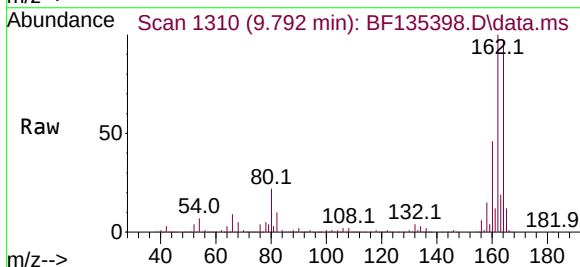
Tgt Ion: 164 Resp: 286300

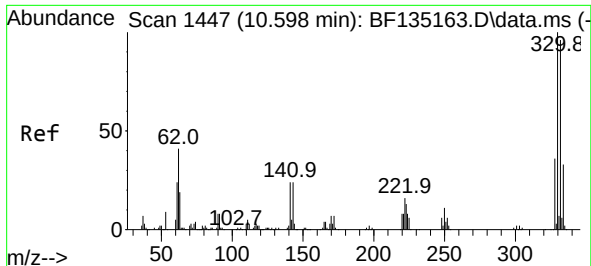
Ion Ratio Lower Upper

164 100

162 102.7 81.0 121.4

160 46.8 37.0 55.4

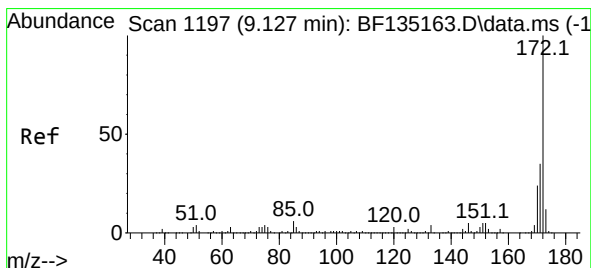
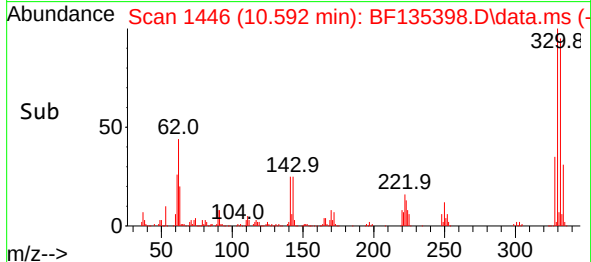
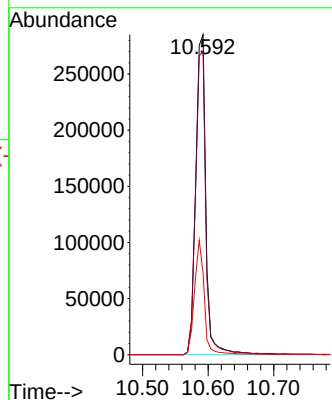
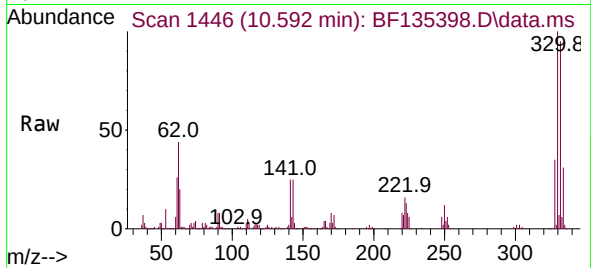




#42
 2,4,6-Tribromophenol
 Concen: 108.528 ng
 RT: 10.592 min Scan# 1446
 Delta R.T. -0.006 min
 Lab File: BF135398.D
 Acq: 22 Sep 2023 13:39

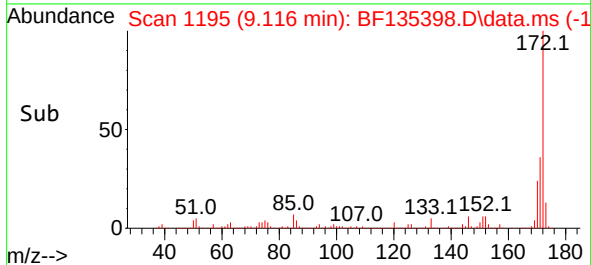
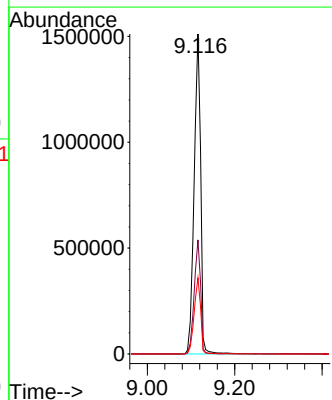
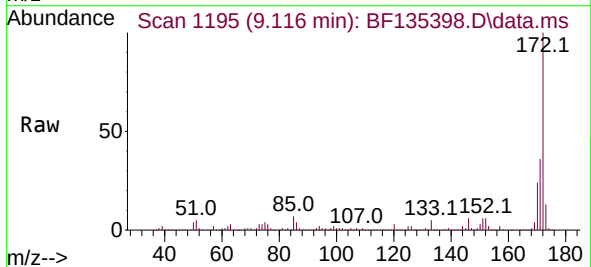
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

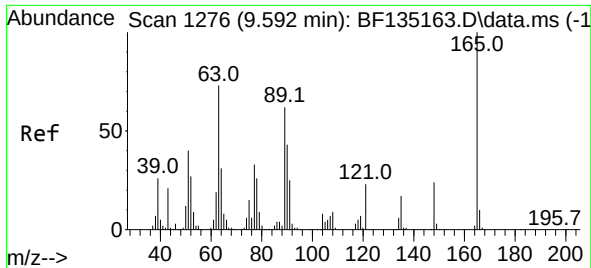
Tgt Ion: 330 Resp: 308775
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 34.3 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 82.752 ng
 RT: 9.116 min Scan# 1195
 Delta R.T. -0.012 min
 Lab File: BF135398.D
 Acq: 22 Sep 2023 13:39

Tgt Ion: 172 Resp: 1570329
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.4 42.6
 170 23.8 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.669 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF135398.D

Acq: 22 Sep 2023 13:39

Instrument :

BNA_F

ClientSampleId :

TP-2

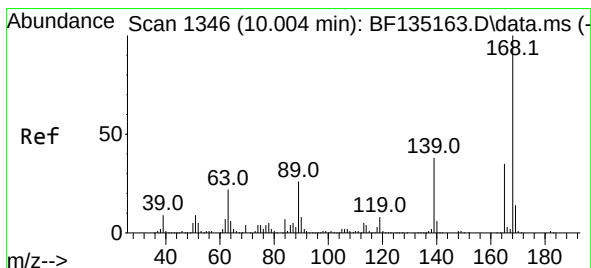
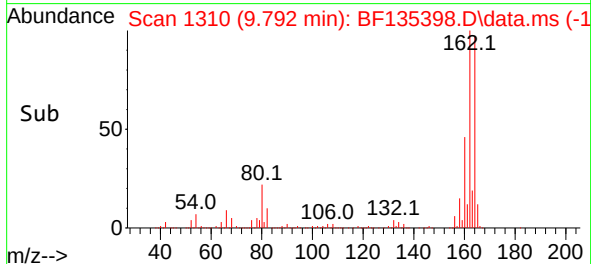
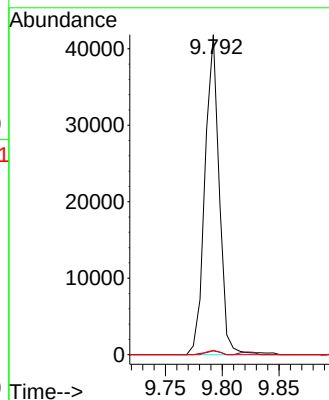
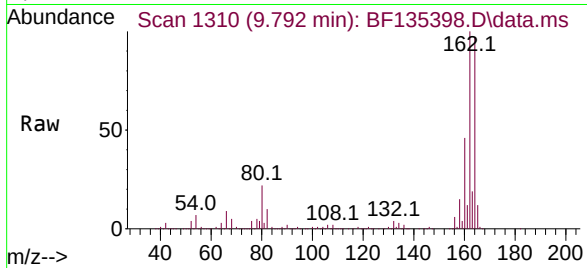
Tgt Ion:165 Resp: 36759

Ion Ratio Lower Upper

165 100

63 1.2 59.4 89.2#

89 1.4 49.8 74.8#



#57

2,4-Dinitrotoluene

Concen: 6.924 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.212 min

Lab File: BF135398.D

Acq: 22 Sep 2023 13:39

Tgt Ion:165 Resp: 36759

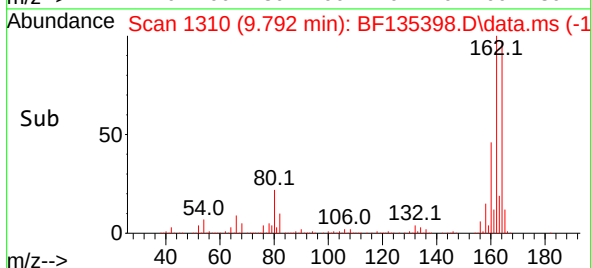
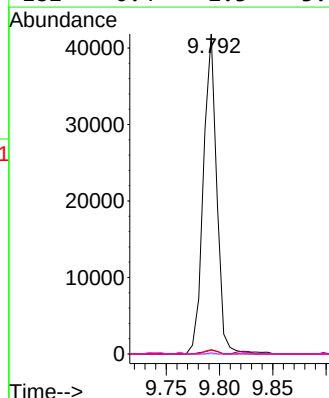
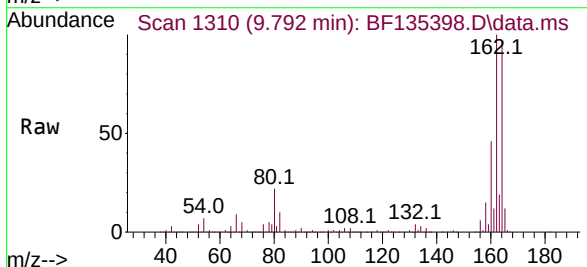
Ion Ratio Lower Upper

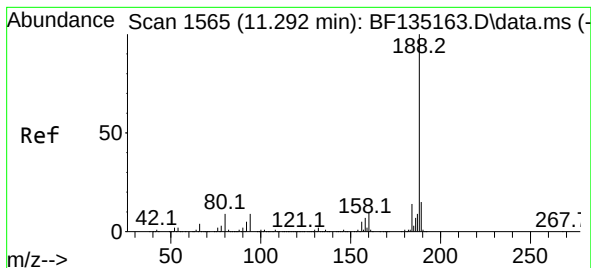
165 100

63 1.2 50.1 75.1#

89 1.4 59.3 88.9#

182 0.4 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135398.D

Acq: 22 Sep 2023 13:39

Instrument :

BNA_F

ClientSampleId :

TP-2

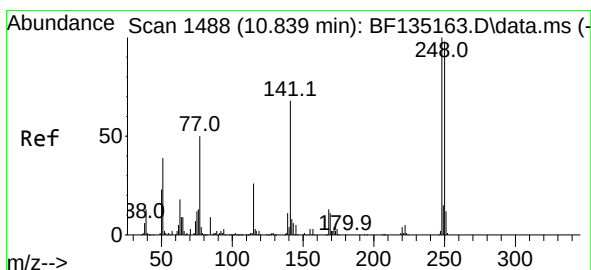
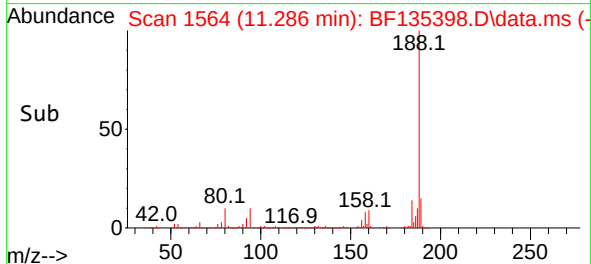
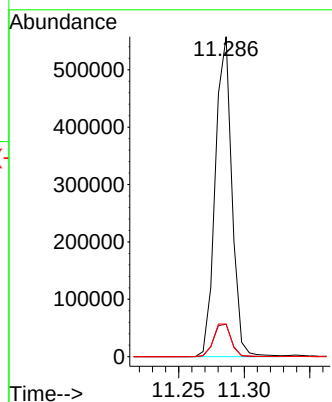
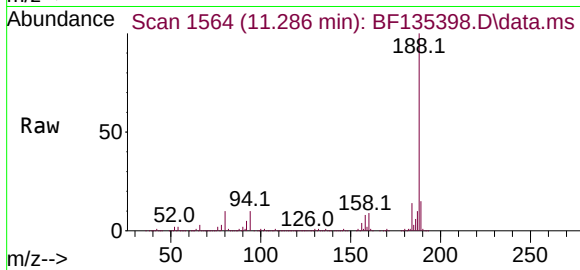
Tgt Ion:188 Resp: 489981

Ion Ratio Lower Upper

188 100

94 10.2 7.0 10.6

80 10.2 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.096 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF135398.D

Acq: 22 Sep 2023 13:39

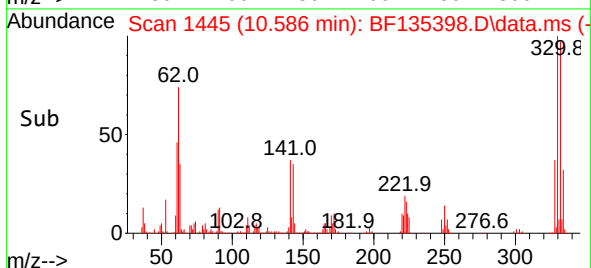
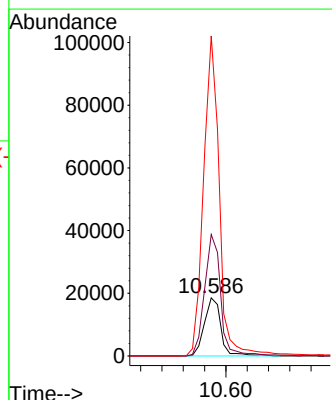
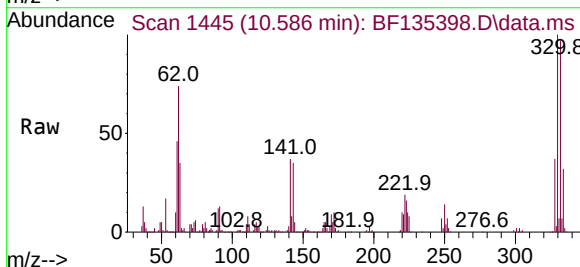
Tgt Ion:248 Resp: 19960

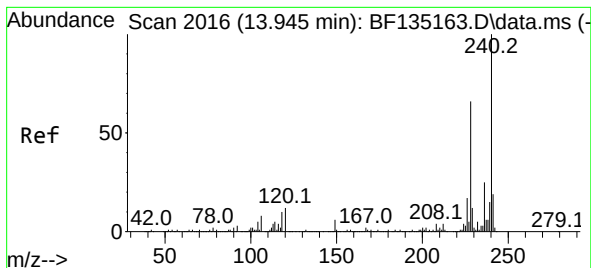
Ion Ratio Lower Upper

248 100

250 208.9 78.6 117.8#

141 550.3 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135398.D

Acq: 22 Sep 2023 13:39

Instrument :

BNA_F

ClientSampleId :

TP-2

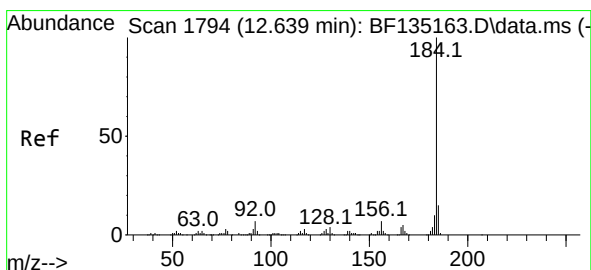
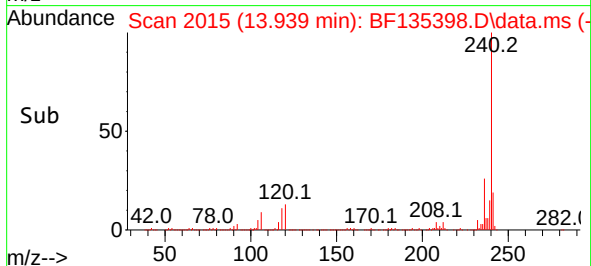
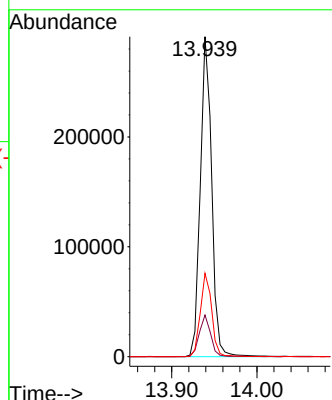
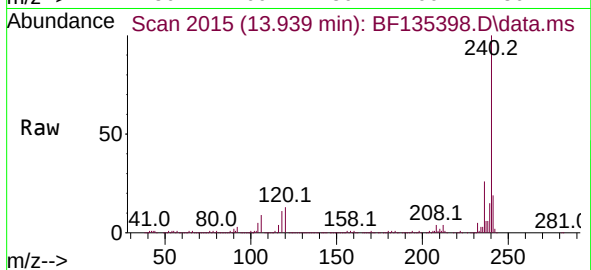
Tgt Ion:240 Resp: 270012

Ion Ratio Lower Upper

240 100

120 13.0 9.4 14.2

236 26.1 19.8 29.8



#77

Benzidine

Concen: 2.924 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.241 min

Lab File: BF135398.D

Acq: 22 Sep 2023 13:39

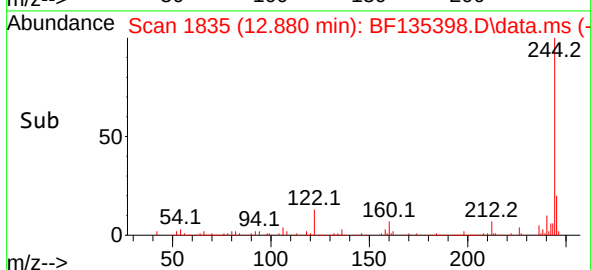
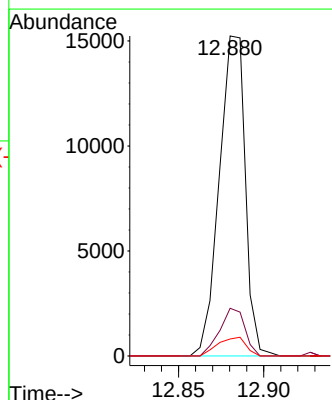
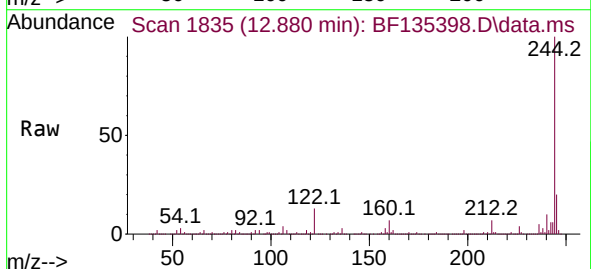
Tgt Ion:184 Resp: 16177

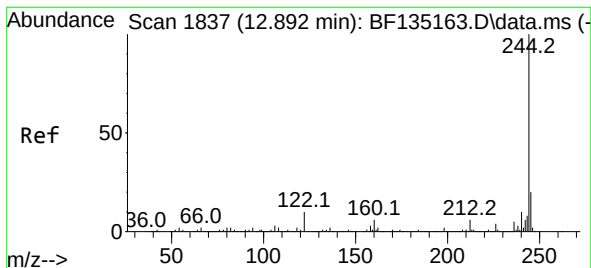
Ion Ratio Lower Upper

184 100

185 14.9 11.7 17.5

183 5.3 8.2 12.4#





#79

Terphenyl-d14

Concen: 72.477 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135398.D

Acq: 22 Sep 2023 13:39

Instrument :

BNA_F

ClientSampleId :

TP-2

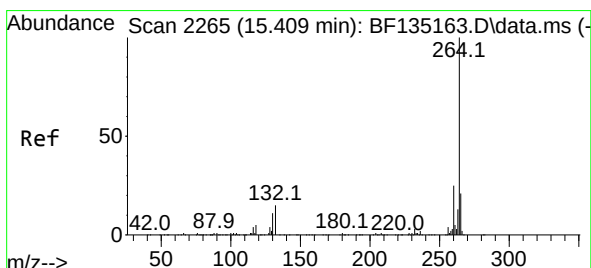
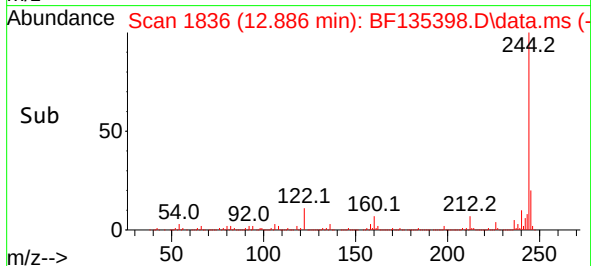
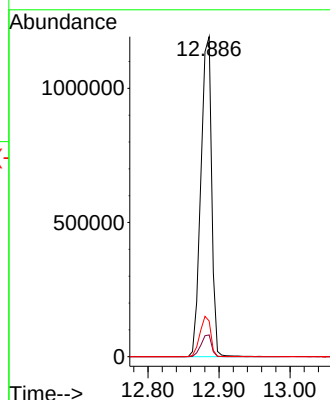
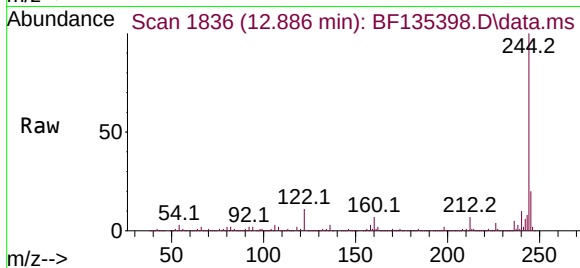
Tgt Ion:244 Resp: 1262404

Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 11.1 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135398.D

Acq: 22 Sep 2023 13:39

Tgt Ion:264 Resp: 350259

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.6

265 21.2 17.0 25.4

