

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135058.D
 Acq On : 01 Sep 2023 00:09
 Operator : CG\JU
 Sample : 04196-16RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-345-COMP-03

Quant Time: Sep 01 01:54:27 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)

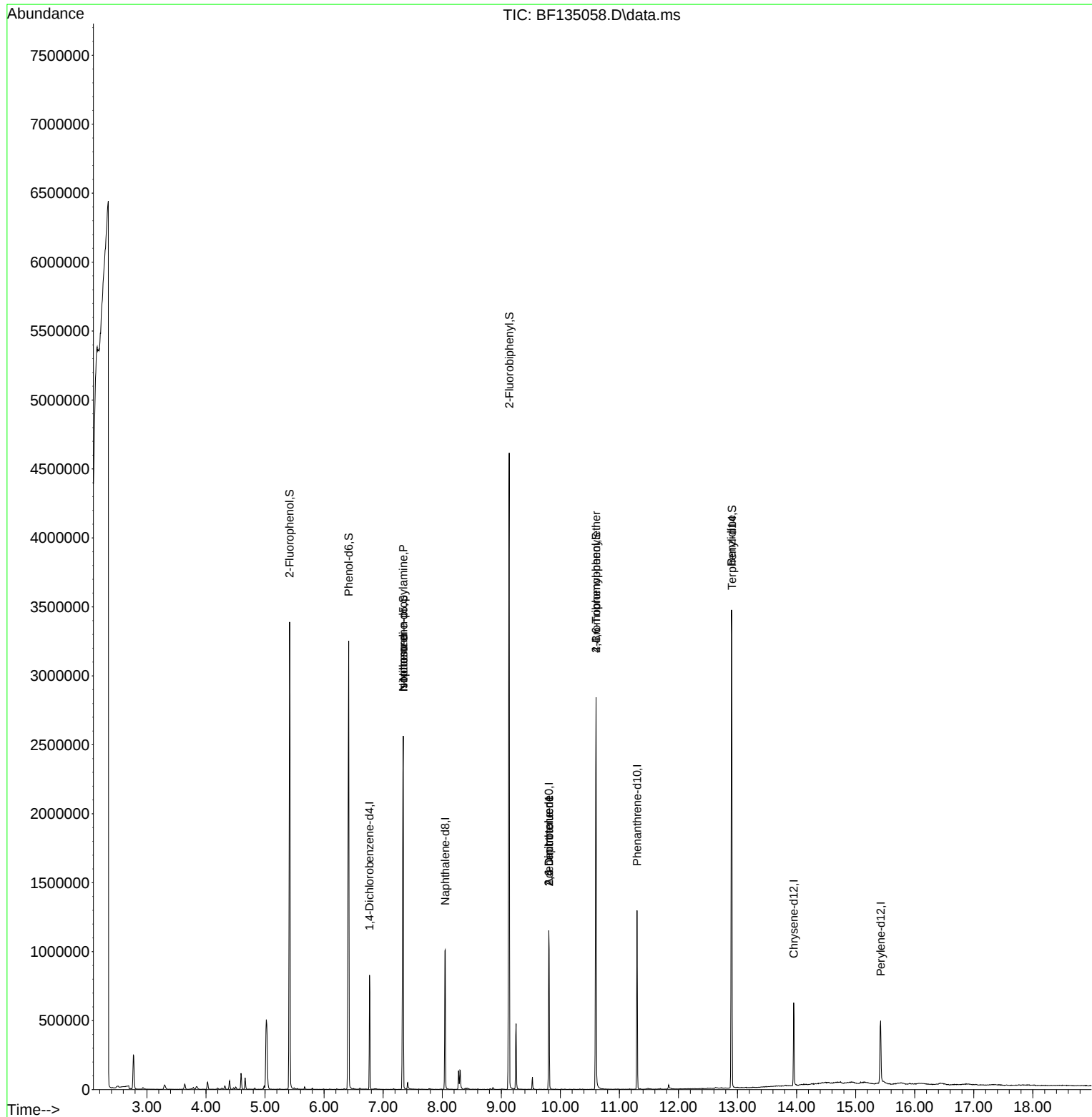
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	113712	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	480450	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	244319	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	432878	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	200116	20.000	ng	-0.01
86) Perylene-d12	15.421	264	212749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1030684	140.004	ng	0.02
7) Phenol-d6	6.416	99	1180111	128.608	ng	0.00
23) Nitrobenzene-d5	7.340	82	891222	104.214	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	359054	138.539	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1521550	101.394	ng	0.00
79) Terphenyl-d14	12.904	244	1375037	112.131	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.340	70	121395	22.272	ng	Qvalue # 76
25) Isophorone	7.340	82	891213	54.965	ng	# 65
51) 2,6-Dinitrotoluene	9.804	165	31199	8.311	ng	# 22
57) 2,4-Dinitrotoluene	9.804	165	31199	6.669	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	22753	4.956	ng	# 1
77) Benzidine	12.898	184	17288	4.792	ng	# 92

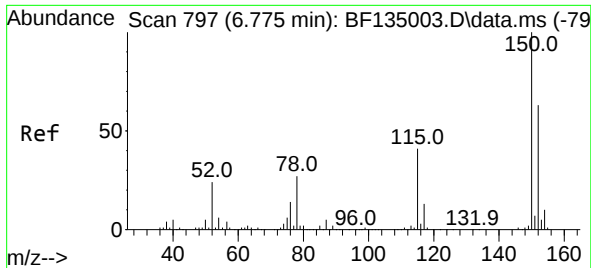
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135058.D
Acq On : 01 Sep 2023 00:09
Operator : CG\JU
Sample : 04196-16RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-03

Quant Time: Sep 01 01:54:27 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

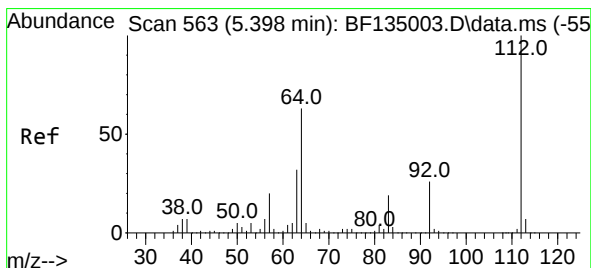
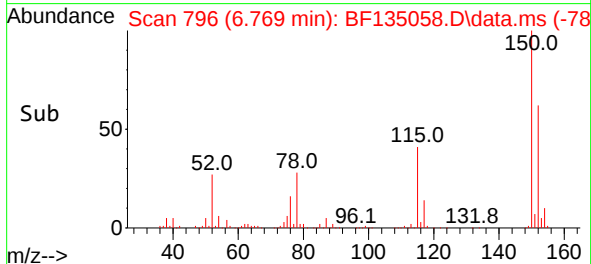
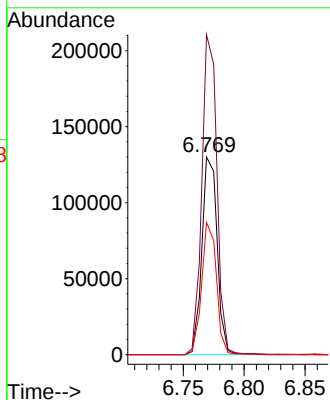
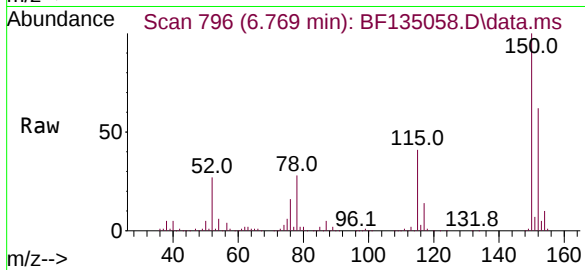




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135058.D
Acq: 01 Sep 2023 00:09

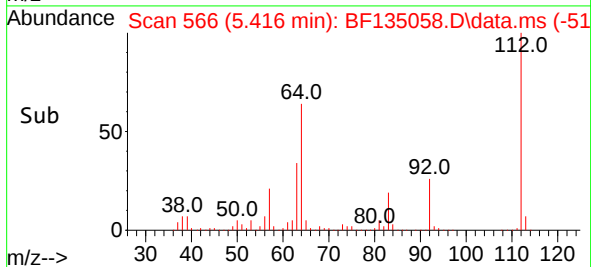
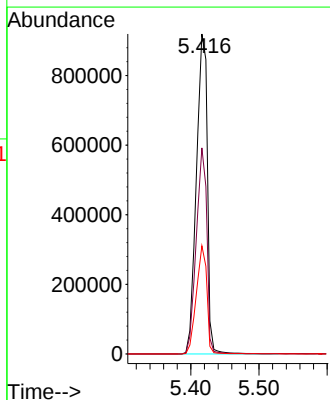
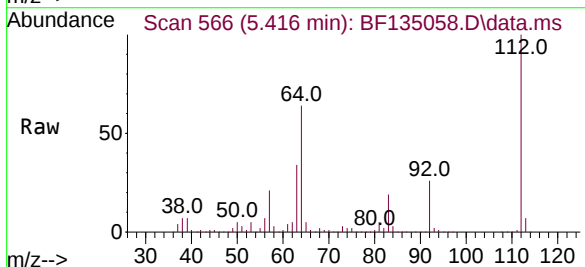
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-03

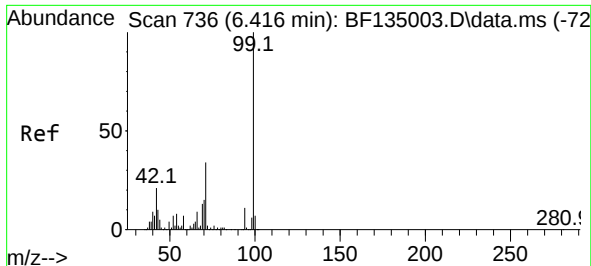
Tgt Ion:152 Resp: 113712
Ion Ratio Lower Upper
152 100
150 161.8 126.2 189.4
115 66.9 51.2 76.8



#5
2-Fluorophenol
Concen: 140.004 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF135058.D
Acq: 01 Sep 2023 00:09

Tgt Ion:112 Resp: 1030684
Ion Ratio Lower Upper
112 100
64 64.4 50.5 75.7
63 33.8 25.9 38.9

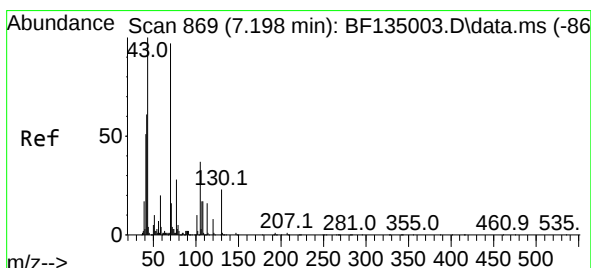
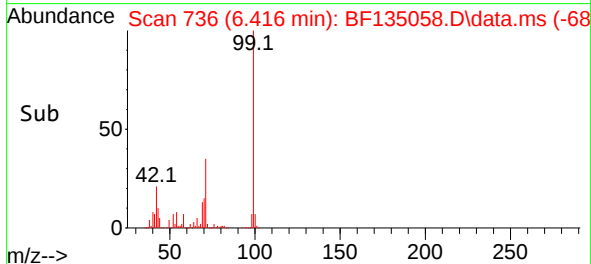
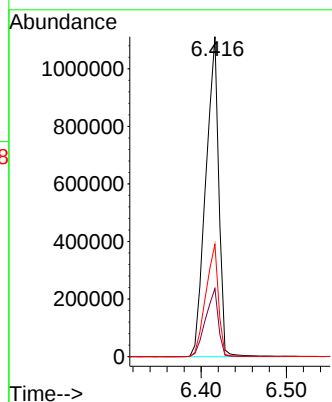
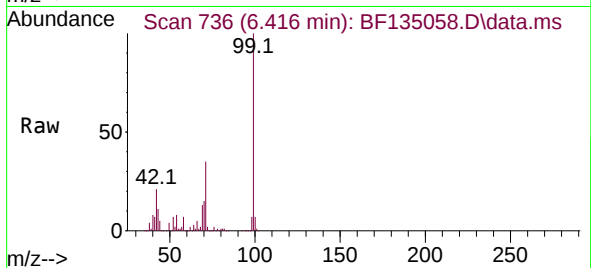




#7
Phenol-d6
Concen: 128.608 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF135058.D
Acq: 01 Sep 2023 00:09

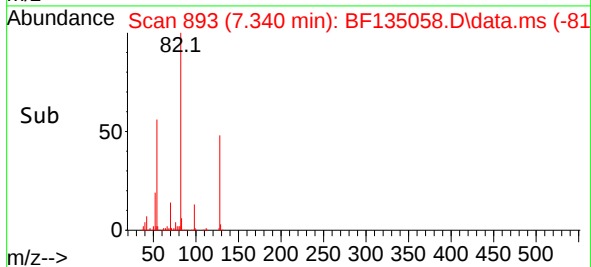
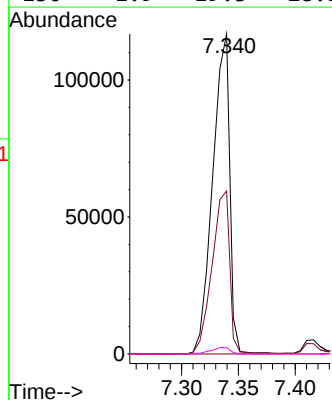
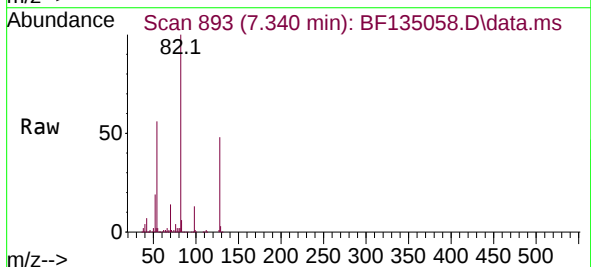
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-03

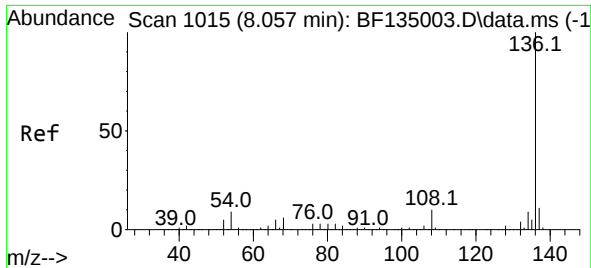
Tgt Ion: 99 Resp: 1180111
Ion Ratio Lower Upper
99 100
42 21.3 16.6 25.0
71 35.1 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 22.272 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF135058.D
Acq: 01 Sep 2023 00:09

Tgt Ion: 70 Resp: 121395
Ion Ratio Lower Upper
70 100
42 50.9 50.2 75.4
101 0.0 8.1 12.1#
130 1.9 19.3 28.9#

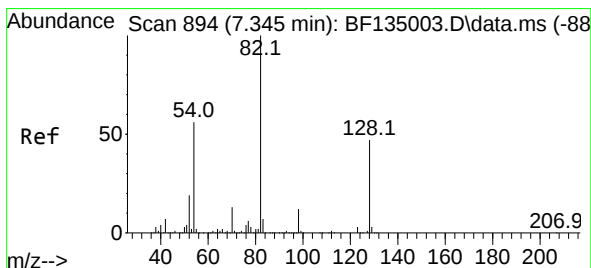
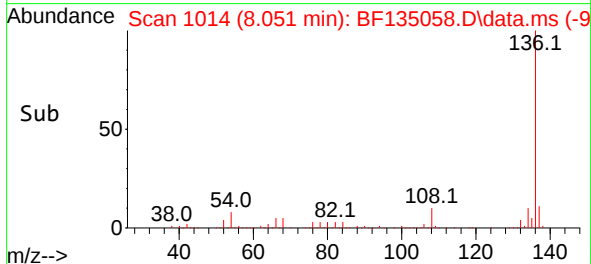
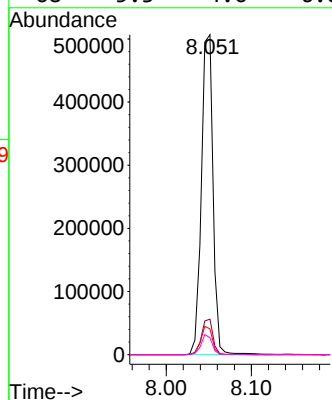
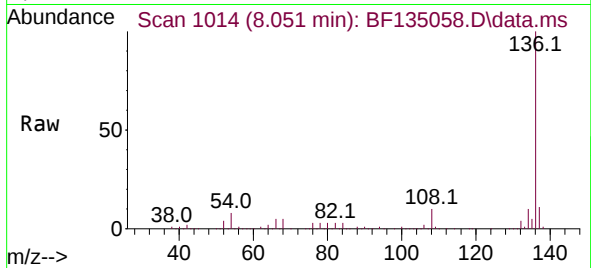




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135058.D
Acq: 01 Sep 2023 00:09

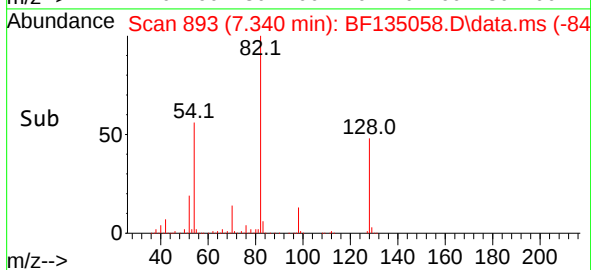
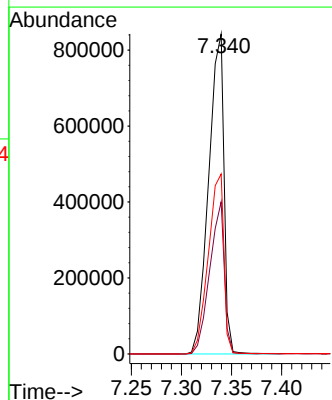
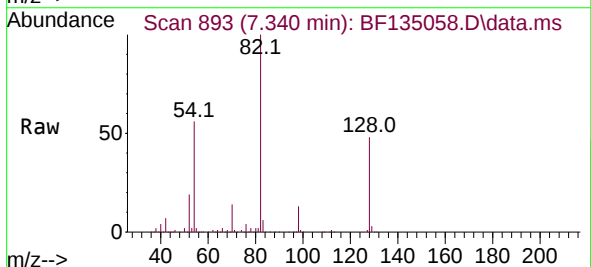
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-03

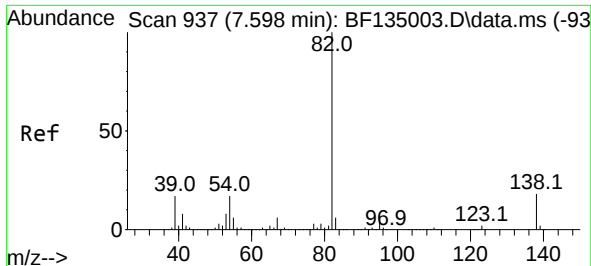
Tgt Ion:136 Resp: 480450
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.0 7.0 10.4
68 5.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 104.214 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF135058.D
Acq: 01 Sep 2023 00:09

Tgt Ion: 82 Resp: 891222
Ion Ratio Lower Upper
82 100
128 47.5 37.8 56.8
54 56.2 45.0 67.6

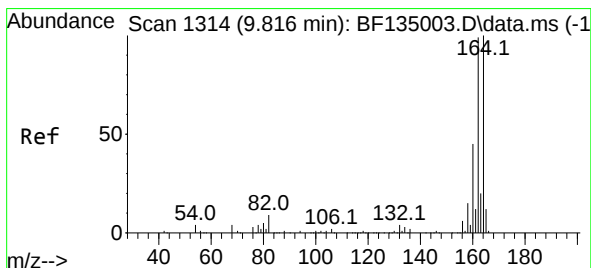
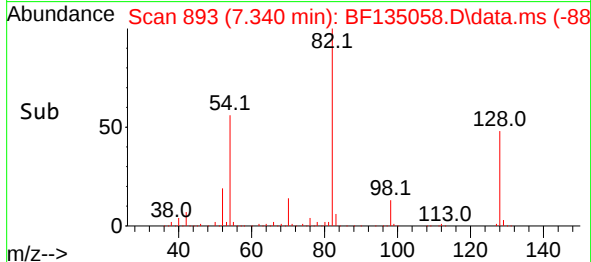
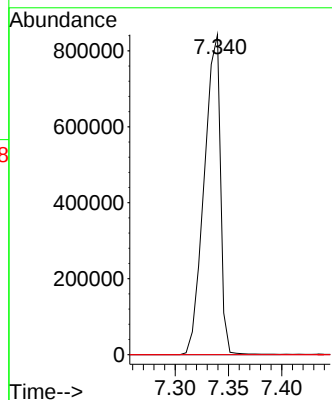
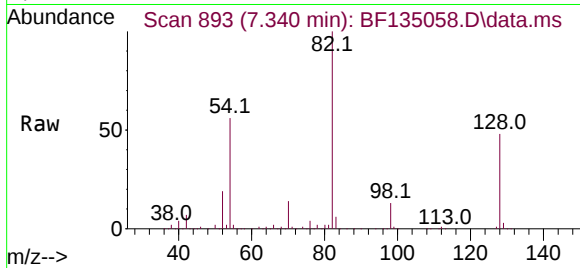




#25
Isophorone
Concen: 54.965 ng
RT: 7.340 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF135058.D
Acq: 01 Sep 2023 00:09

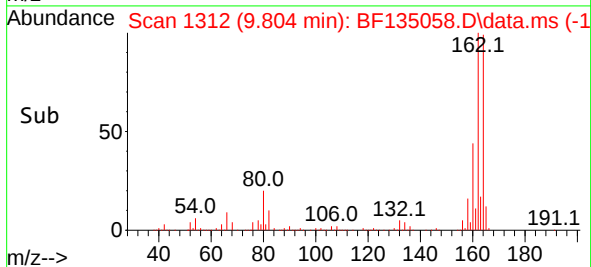
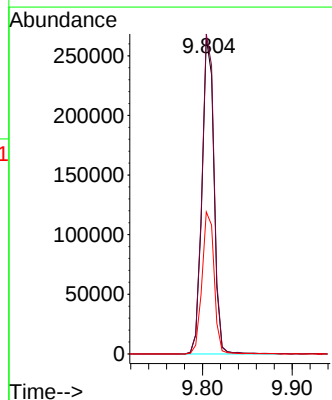
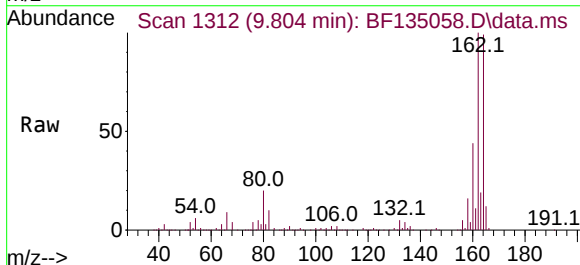
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-03

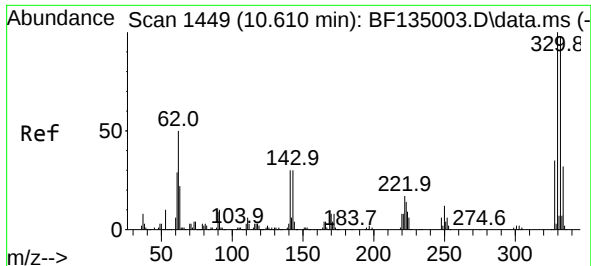
Tgt Ion: 82 Resp: 891213
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF135058.D
Acq: 01 Sep 2023 00:09

Tgt Ion:164 Resp: 244319
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 45.0 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 138.539 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135058.D

Acq: 01 Sep 2023 00:09

Instrument :

BNA_F

ClientSampleId :

OR-345-COMP-03

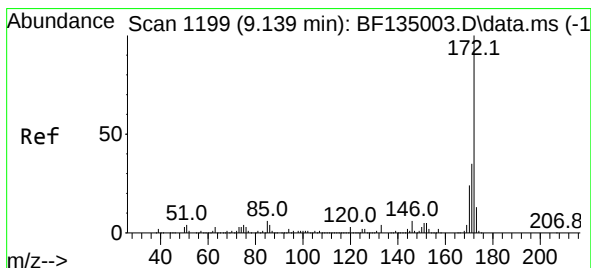
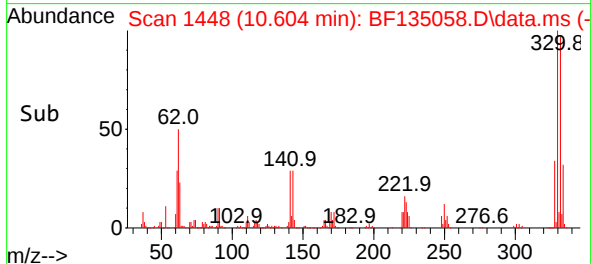
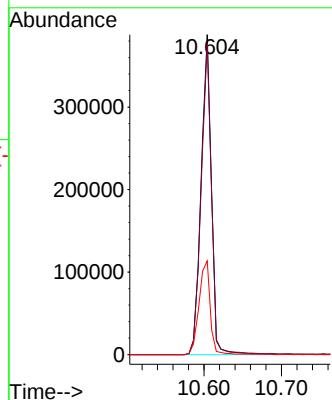
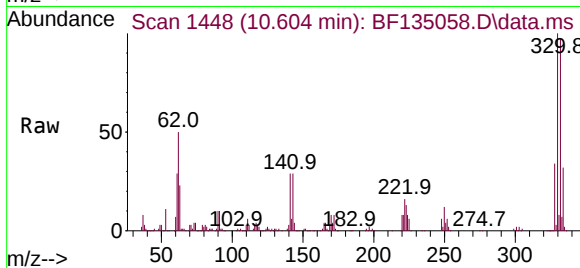
Tgt Ion:330 Resp: 359054

Ion Ratio Lower Upper

330 100

332 97.1 77.6 116.4

141 31.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 101.394 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135058.D

Acq: 01 Sep 2023 00:09

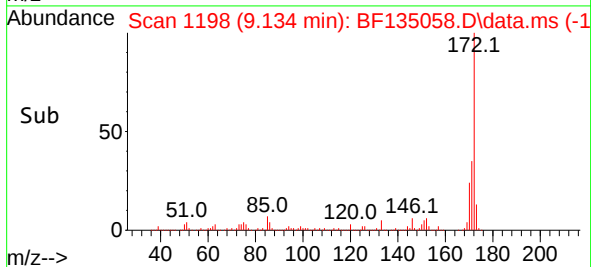
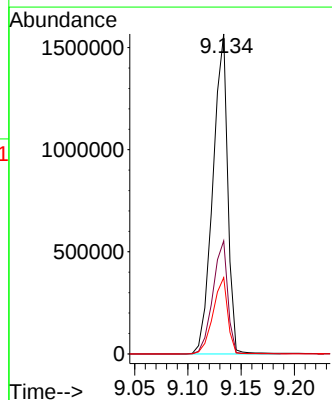
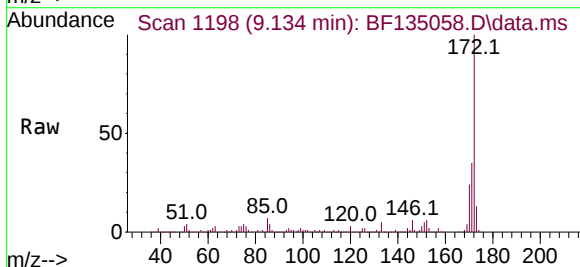
Tgt Ion:172 Resp: 1521550

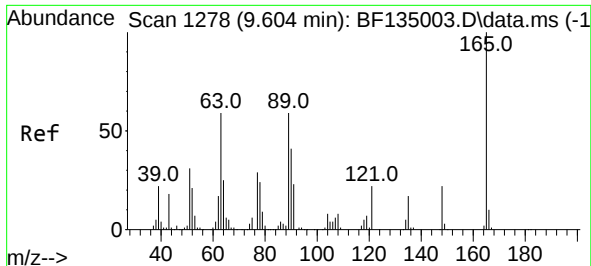
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.8 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.311 ng

RT: 9.804 min Scan# 1312

Delta R.T. 0.200 min

Lab File: BF135058.D

Acq: 01 Sep 2023 00:09

Instrument :

BNA_F

ClientSampleId :

OR-345-COMP-03

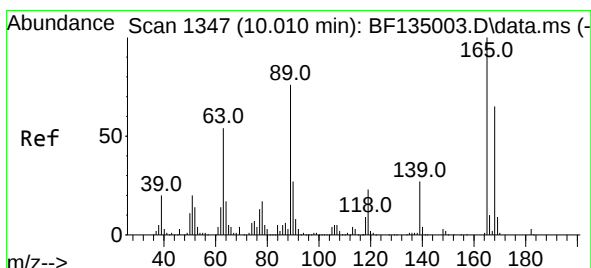
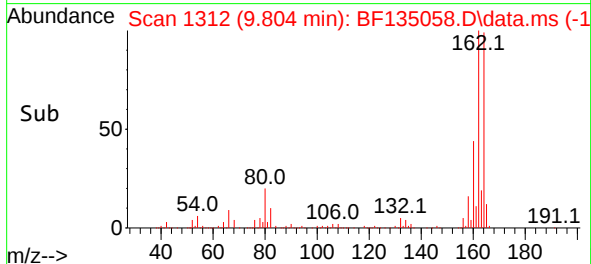
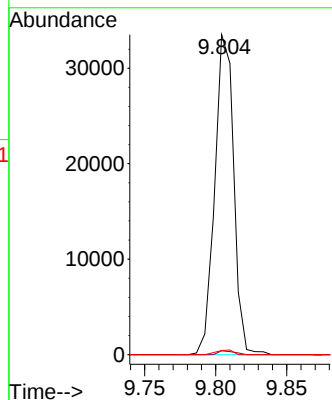
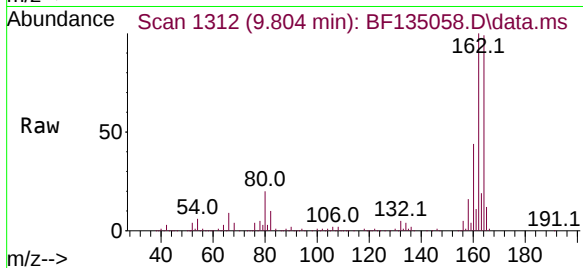
Tgt Ion:165 Resp: 31199

Ion Ratio Lower Upper

165 100

63 1.2 50.4 75.6#

89 1.3 47.1 70.7#



#57

2,4-Dinitrotoluene

Concen: 6.669 ng

RT: 9.804 min Scan# 1312

Delta R.T. -0.206 min

Lab File: BF135058.D

Acq: 01 Sep 2023 00:09

Tgt Ion:165 Resp: 31199

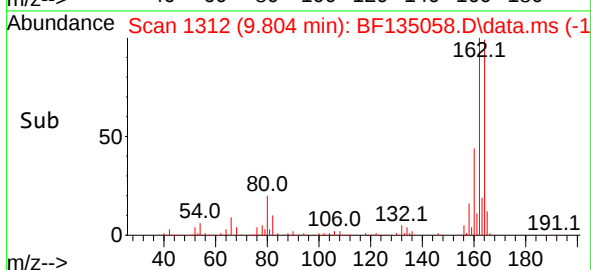
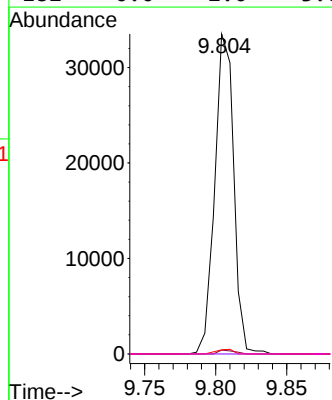
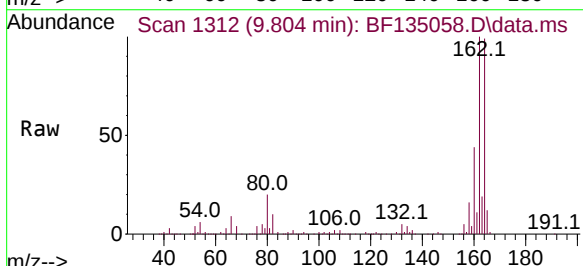
Ion Ratio Lower Upper

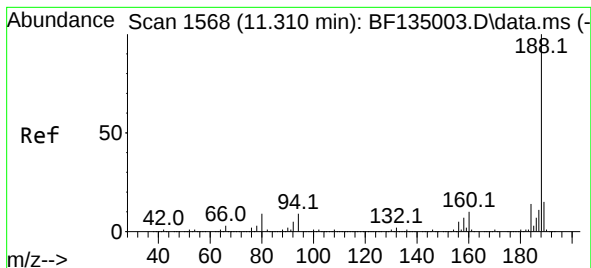
165 100

63 1.2 43.2 64.8#

89 1.3 60.8 91.2#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135058.D

Acq: 01 Sep 2023 00:09

Instrument :

BNA_F

ClientSampleId :

OR-345-COMP-03

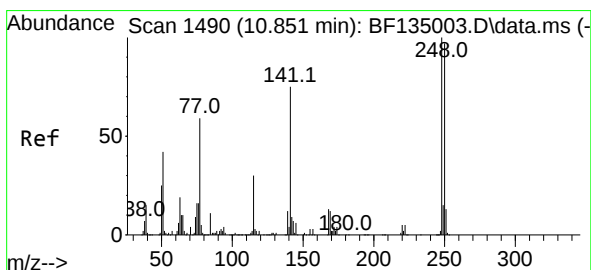
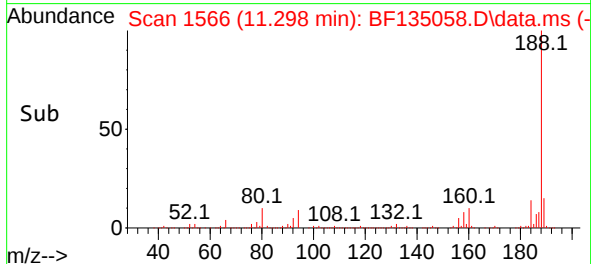
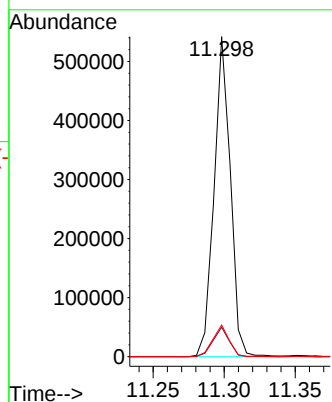
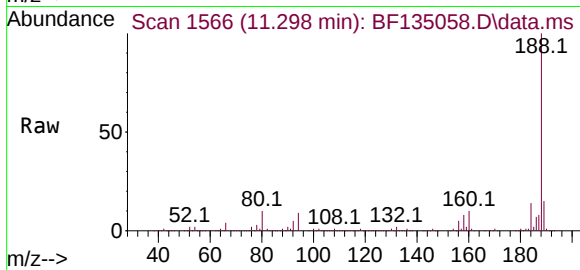
Tgt Ion:188 Resp: 432878

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

80 9.9 7.4 11.2



#67

4-Bromophenyl-phenylether

Concen: 4.956 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.247 min

Lab File: BF135058.D

Acq: 01 Sep 2023 00:09

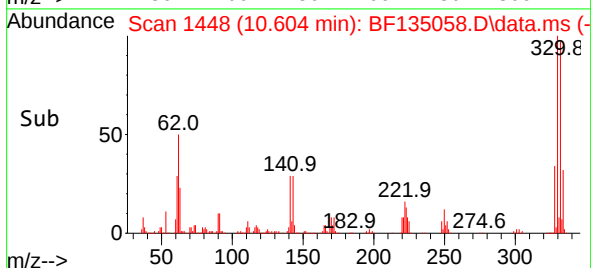
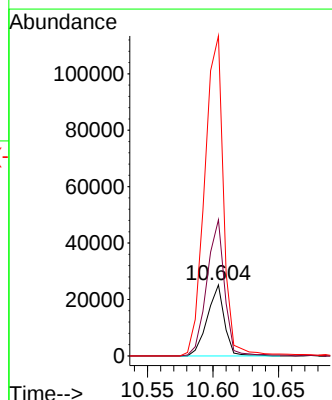
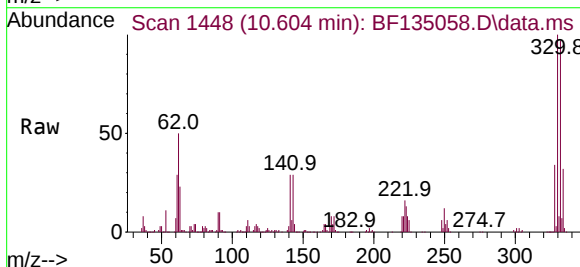
Tgt Ion:248 Resp: 22753

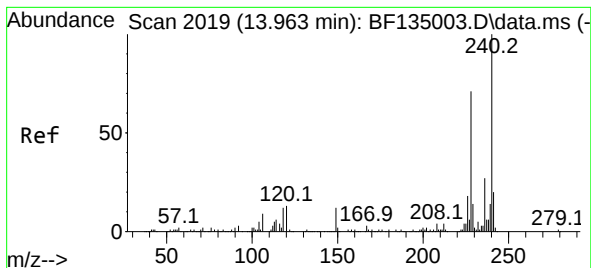
Ion Ratio Lower Upper

248 100

250 191.9 77.9 116.9#

141 451.1 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF135058.D

Acq: 01 Sep 2023 00:09

Instrument :

BNA_F

ClientSampleId :

OR-345-COMP-03

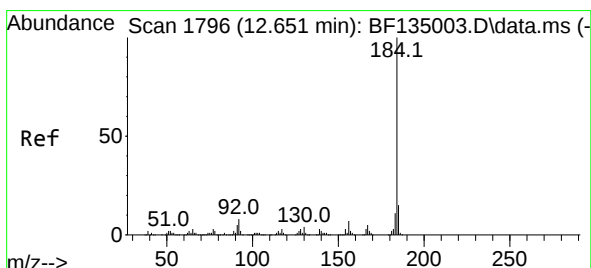
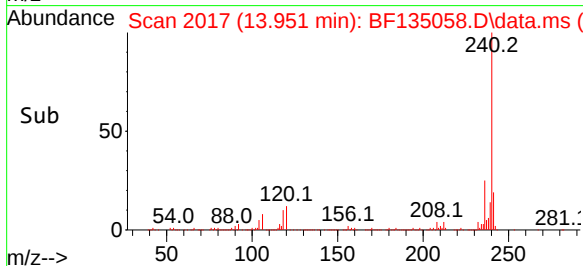
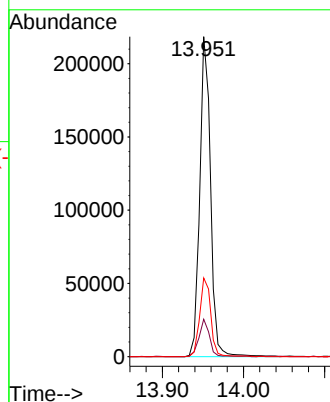
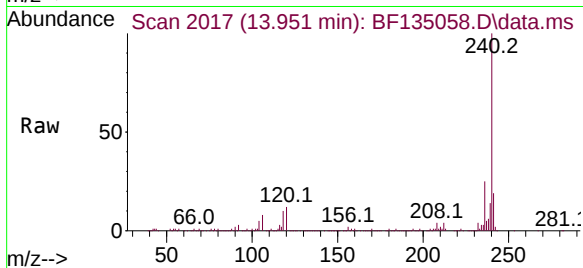
Tgt Ion:240 Resp: 200116

Ion Ratio Lower Upper

240 100

120 11.7 10.2 15.2

236 24.6 21.3 31.9



#77

Benzidine

Concen: 4.792 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.247 min

Lab File: BF135058.D

Acq: 01 Sep 2023 00:09

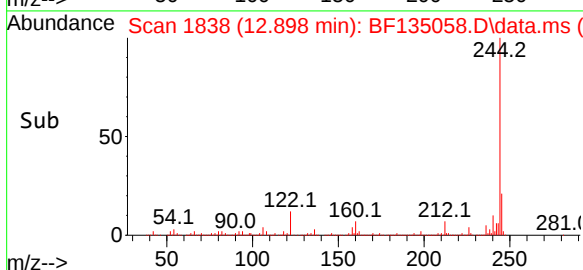
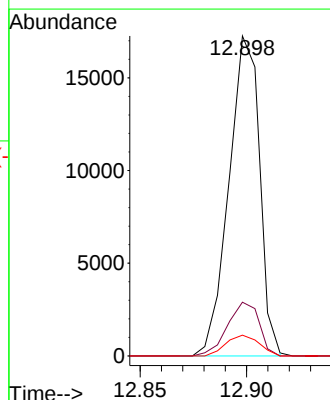
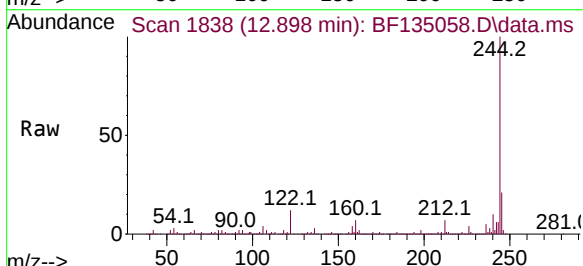
Tgt Ion:184 Resp: 17288

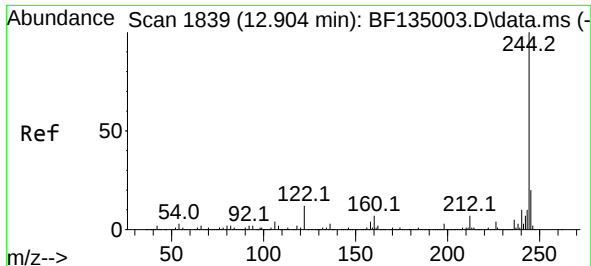
Ion Ratio Lower Upper

184 100

185 16.8 12.0 18.0

183 6.5 9.0 13.6#

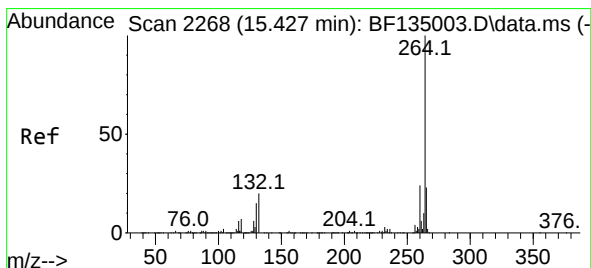
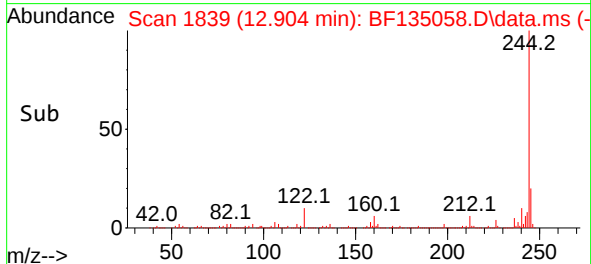
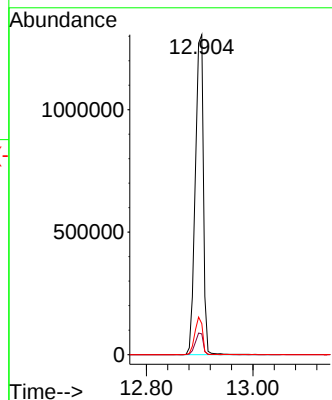
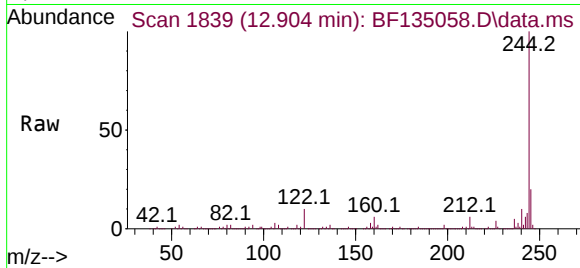




#79
 Terphenyl-d14
 Concen: 112.131 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BF135058.D
 Acq: 01 Sep 2023 00:09

Instrument :
 BNA_F
 ClientSampleId :
 OR-345-COMP-03

Tgt Ion:244 Resp: 1375037
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.7 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: BF135058.D
 Acq: 01 Sep 2023 00:09

Tgt Ion:264 Resp: 212749
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.2 18.2 27.2

