

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135022.D
 Acq On : 31 Aug 2023 00:49
 Operator : CG\JU
 Sample : 04196-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 31 05:59:39 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)

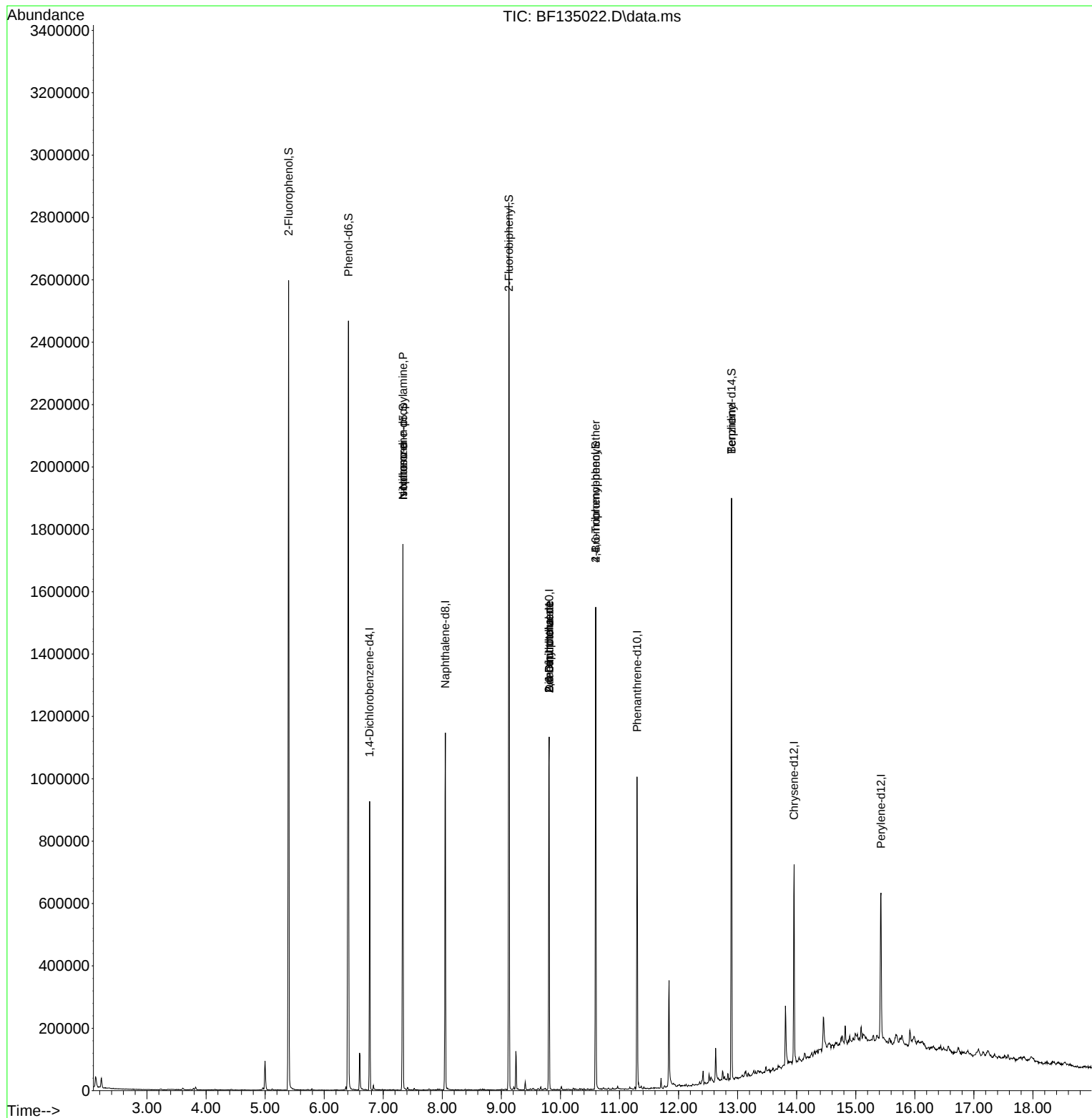
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	124854	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	483783	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	226277	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	329107	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	209584	20.000	ng	0.00
86) Perylene-d12	15.427	264	228114	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	684081	84.630	ng	0.00
7) Phenol-d6	6.410	99	814391	80.832	ng	0.00
23) Nitrobenzene-d5	7.334	82	496136	57.615	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	164507	68.535	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	862483	62.057	ng	-0.01
79) Terphenyl-d14	12.898	244	584098	45.480	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	65908	11.013	ng	# 78
25) Isophorone	7.334	82	494951	30.315	ng	# 65
50) Dimethylphthalate	9.810	163	46720	2.949	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	29194	8.397	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	29194	6.738	ng	# 20
67) 4-Bromophenyl-phenylether	10.598	248	10286	2.947	ng	# 1
77) Benzidine	12.898	184	7846	2.077	ng	# 94

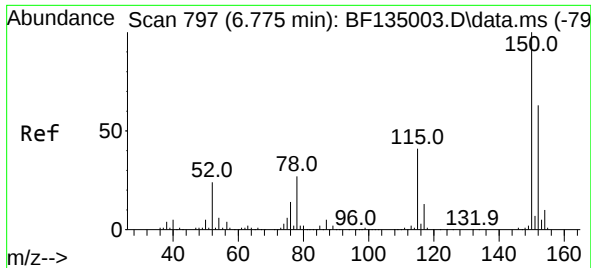
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
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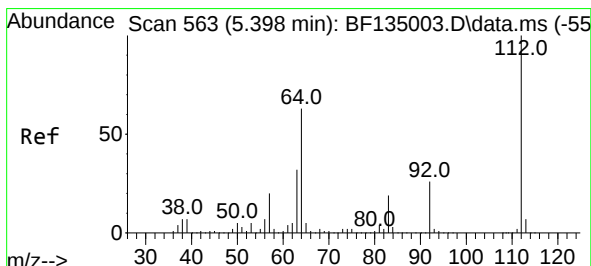
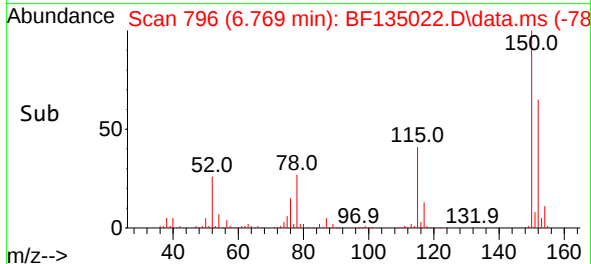
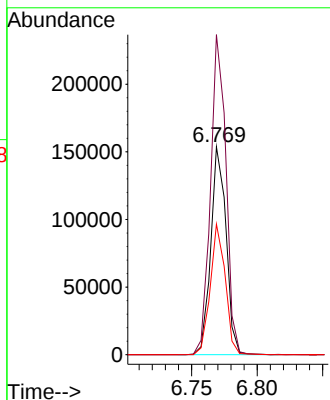
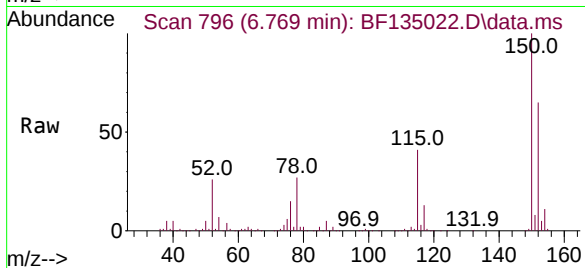




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF135022.D
 Acq: 31 Aug 2023 00:49

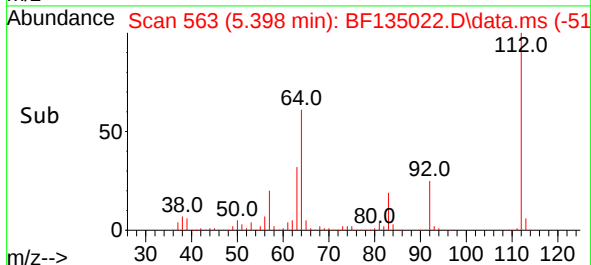
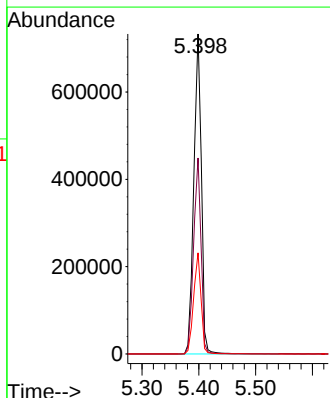
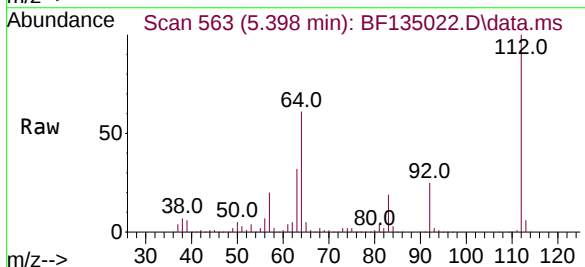
Instrument :
 BNA_F
 ClientSampleId :
 OR-345-COMP-03

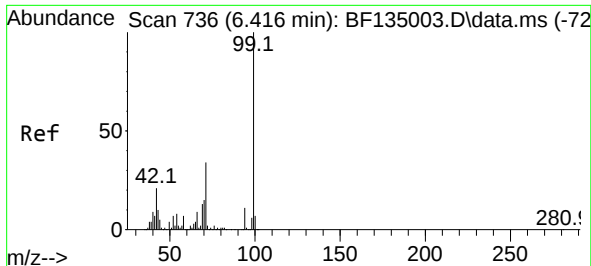
Tgt Ion:152 Resp: 124854
 Ion Ratio Lower Upper
 152 100
 150 154.0 126.2 189.4
 115 62.8 51.2 76.8



#5
 2-Fluorophenol
 Concen: 84.630 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.000 min
 Lab File: BF135022.D
 Acq: 31 Aug 2023 00:49

Tgt Ion:112 Resp: 684081
 Ion Ratio Lower Upper
 112 100
 64 61.3 50.5 75.7
 63 31.6 25.9 38.9

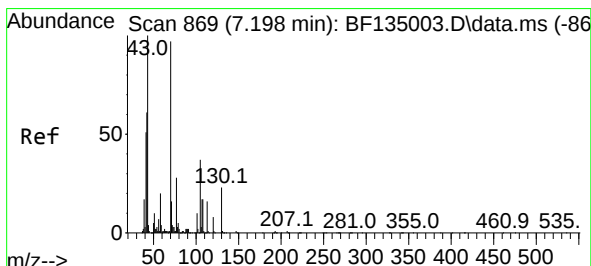
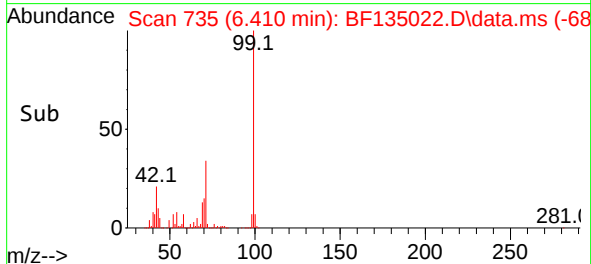
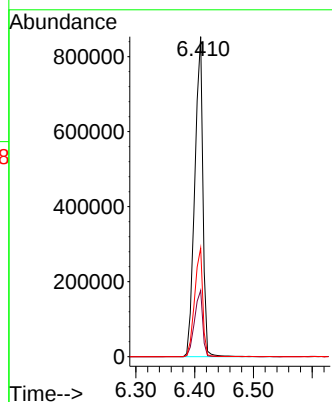
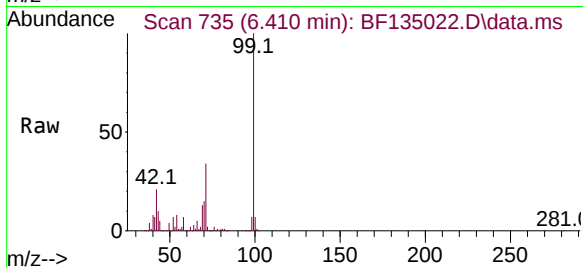




#7
Phenol-d6
Concen: 80.832 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135022.D
Acq: 31 Aug 2023 00:49

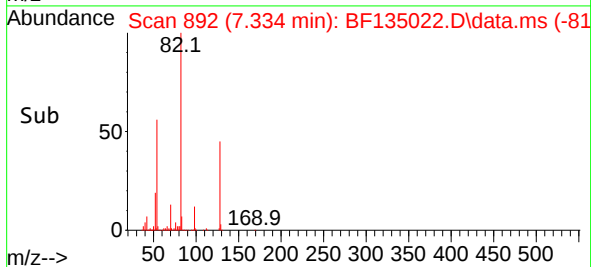
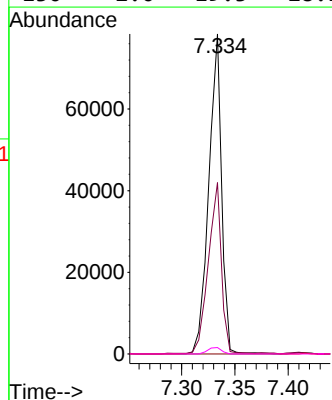
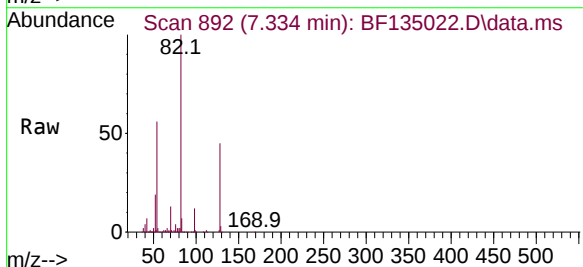
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-03

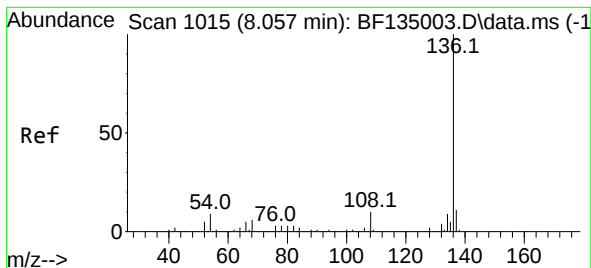
Tgt Ion: 99 Resp: 814391
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 34.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.013 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135022.D
Acq: 31 Aug 2023 00:49

Tgt Ion: 70 Resp: 65908
Ion Ratio Lower Upper
70 100
42 53.5 50.2 75.4
101 0.0 8.1 12.1#
130 2.0 19.3 28.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.051 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135022.D

Acq: 31 Aug 2023 00:49

Instrument :

BNA_F

ClientSampleId :

OR-345-COMP-03

Tgt Ion:136 Resp: 483783

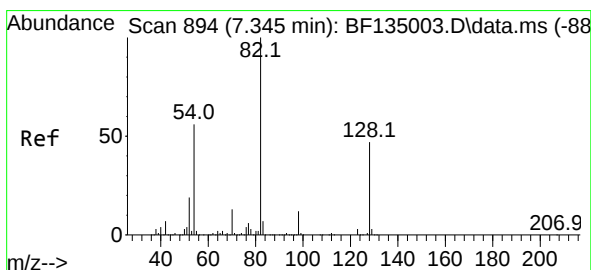
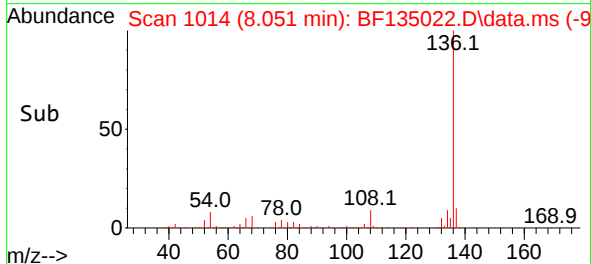
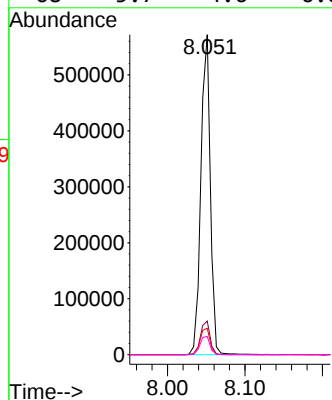
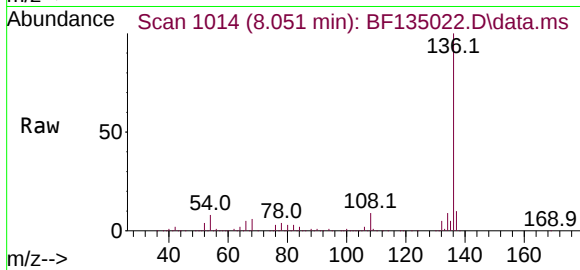
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.3 7.0 10.4

68 5.7 4.6 6.8



#23

Nitrobenzene-d5

Concen: 57.615 ng

RT: 7.334 min Scan# 892

Delta R.T. -0.012 min

Lab File: BF135022.D

Acq: 31 Aug 2023 00:49

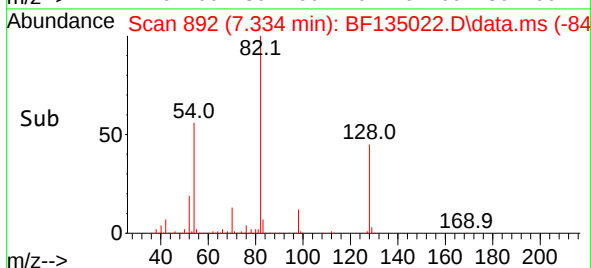
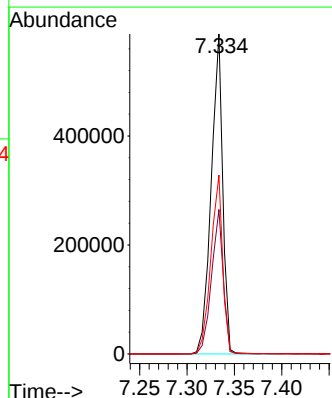
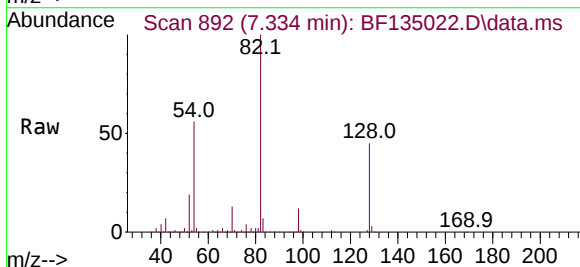
Tgt Ion: 82 Resp: 496136

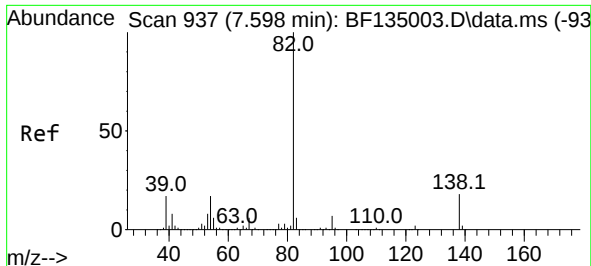
Ion Ratio Lower Upper

82 100

128 45.2 37.8 56.8

54 55.9 45.0 67.6

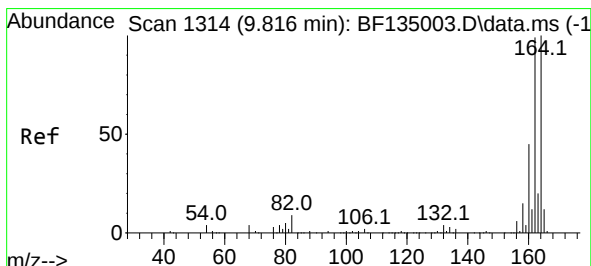
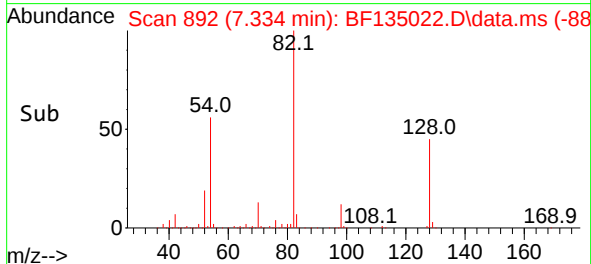
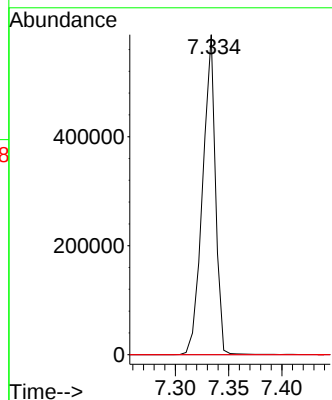
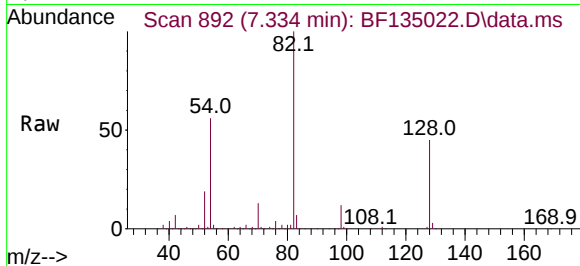




#25
Isophorone
Concen: 30.315 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135022.D
Acq: 31 Aug 2023 00:49

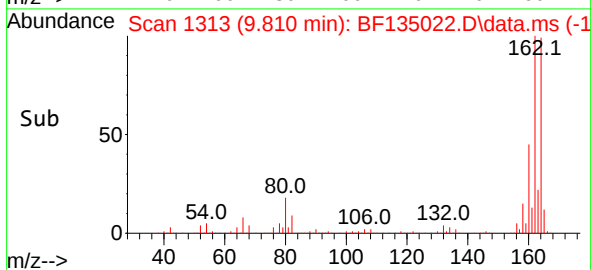
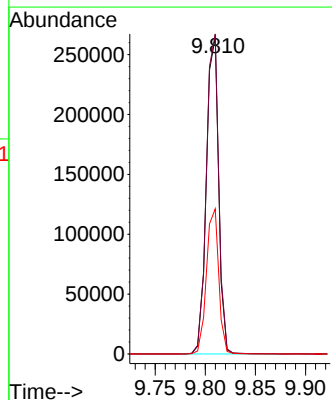
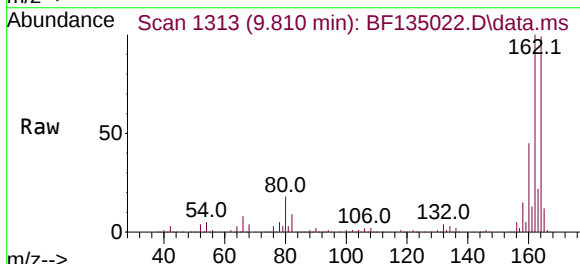
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-03

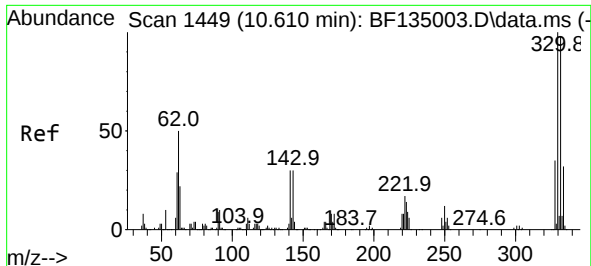
Tgt Ion: 82 Resp: 494951
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135022.D
Acq: 31 Aug 2023 00:49

Tgt Ion: 164 Resp: 226277
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 45.8 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 68.535 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135022.D

Acq: 31 Aug 2023 00:49

Instrument :

BNA_F

ClientSampleId :

OR-345-COMP-03

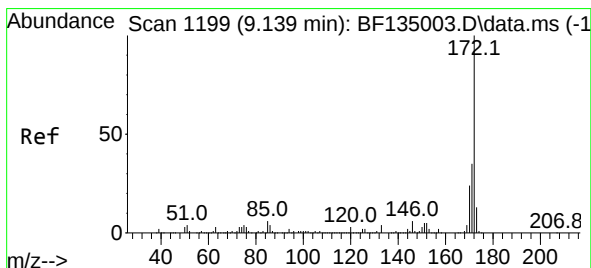
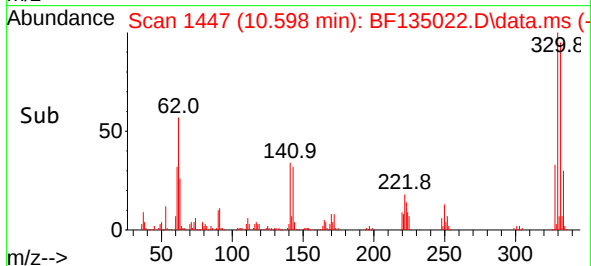
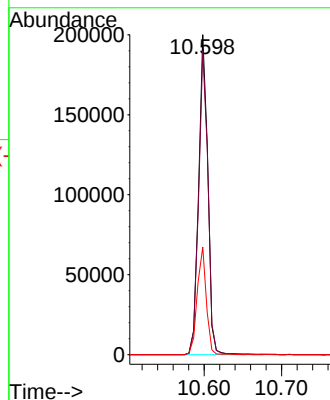
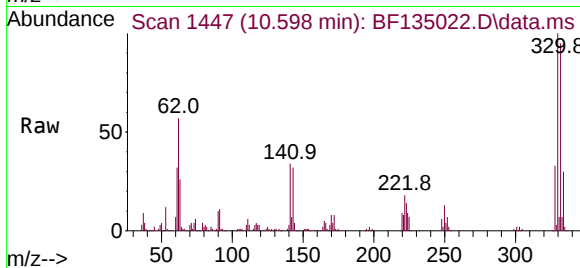
Tgt Ion:330 Resp: 164507

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 33.3 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 62.057 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135022.D

Acq: 31 Aug 2023 00:49

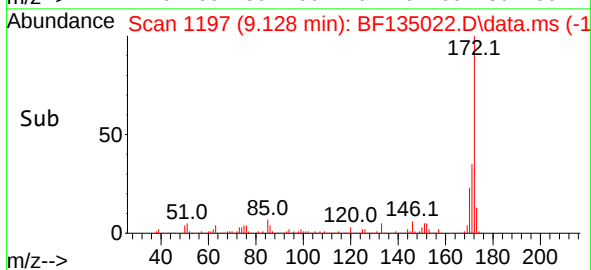
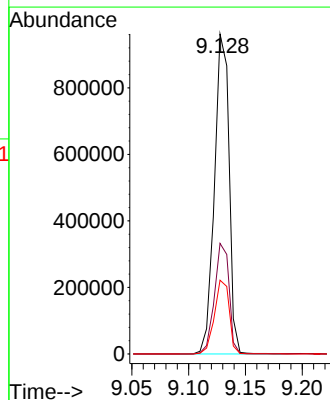
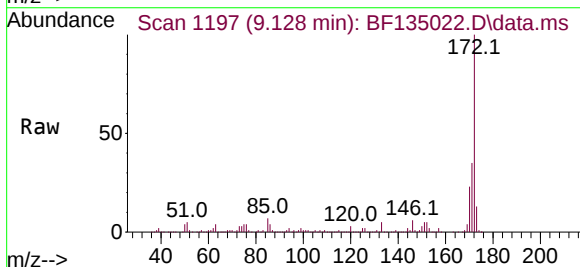
Tgt Ion:172 Resp: 862483

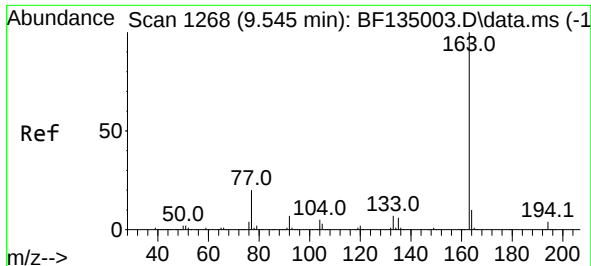
Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.2

170 23.1 19.0 28.4

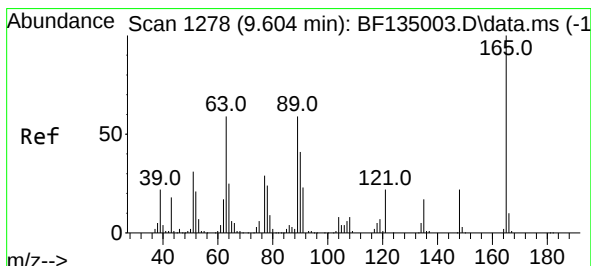
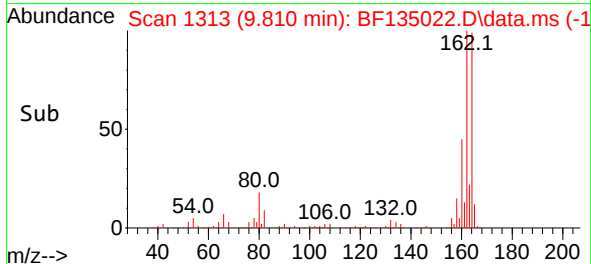
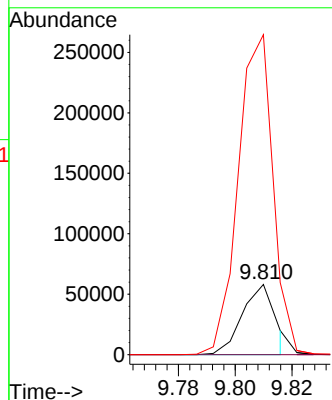
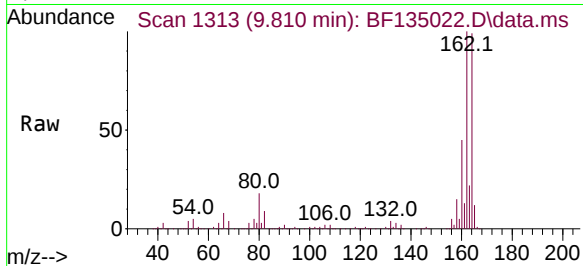




#50
Dimethylphthalate
Concen: 2.949 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135022.D
Acq: 31 Aug 2023 00:49

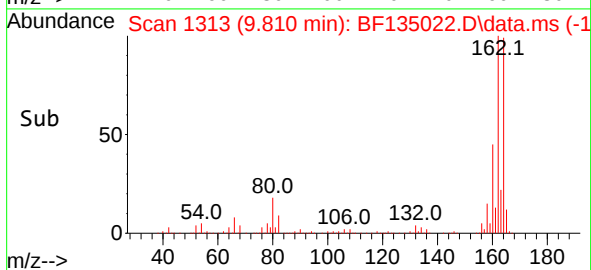
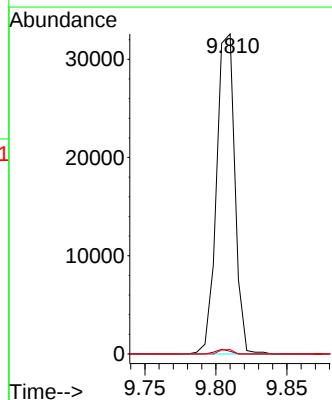
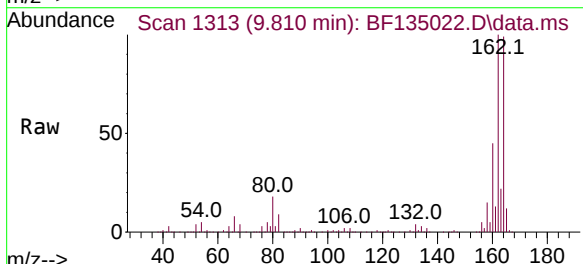
Instrument :
BNA_F
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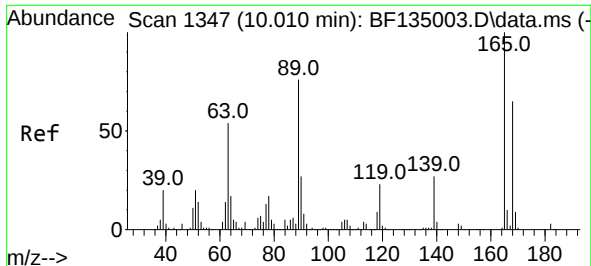
Tgt Ion:163 Resp: 46720
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 455.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.397 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135022.D
Acq: 31 Aug 2023 00:49

Tgt Ion:165 Resp: 29194
Ion Ratio Lower Upper
165 100
63 0.9 50.4 75.6#
89 1.4 47.1 70.7#

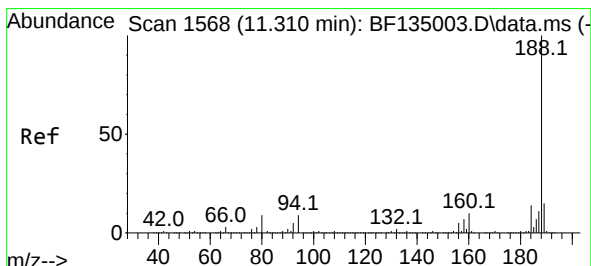
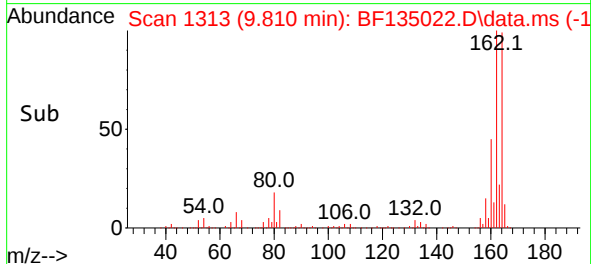
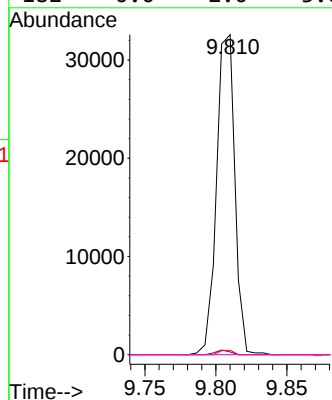
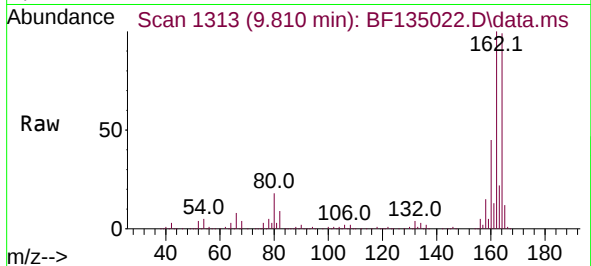




#57
2,4-Dinitrotoluene
Concen: 6.738 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF135022.D
Acq: 31 Aug 2023 00:49

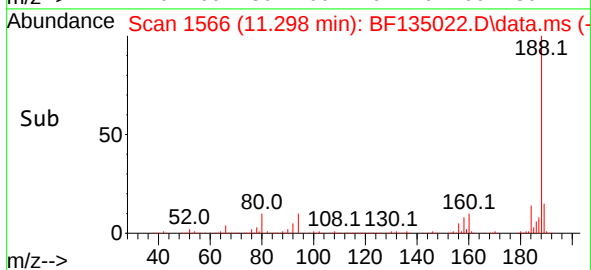
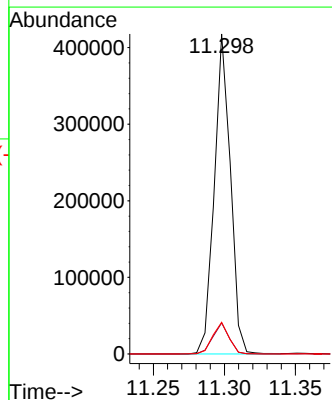
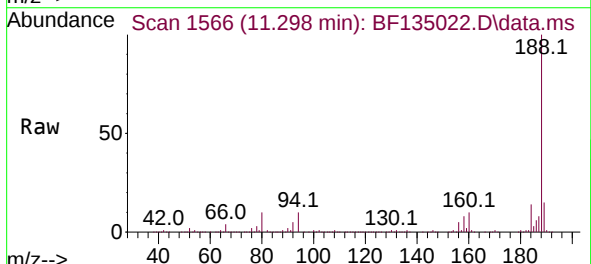
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-03

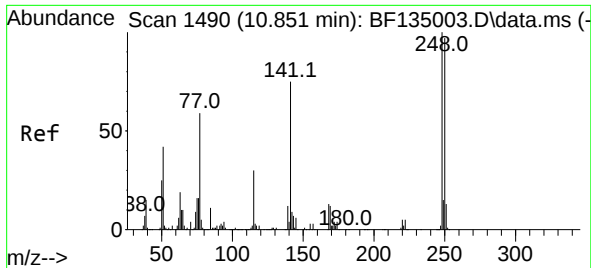
Tgt Ion:165 Resp: 29194
Ion Ratio Lower Upper
165 100
63 0.9 43.2 64.8#
89 1.4 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135022.D
Acq: 31 Aug 2023 00:49

Tgt Ion:188 Resp: 329107
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 9.9 7.4 11.2

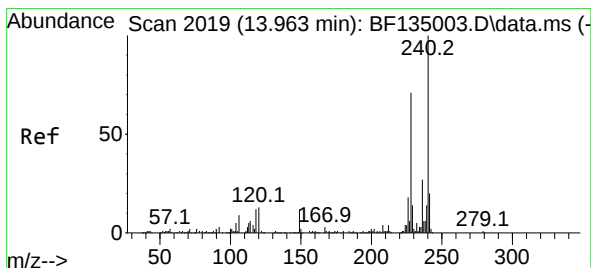
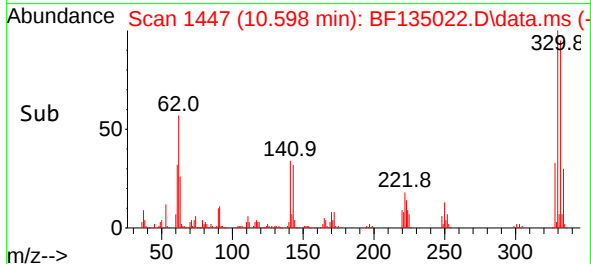
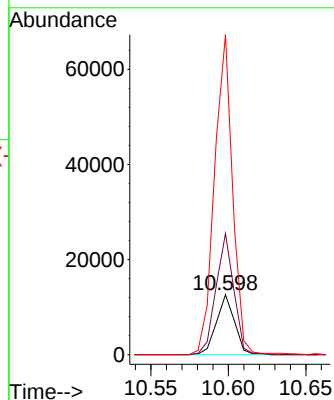
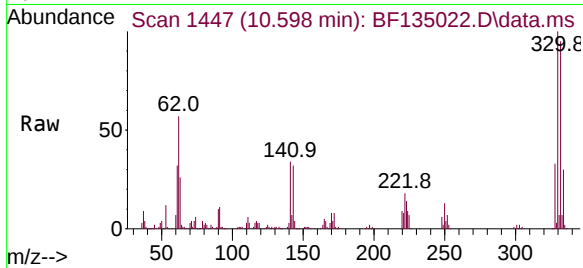




#67
4-Bromophenyl-phenylether
Concen: 2.947 ng
RT: 10.598 min Scan# 1490
Delta R.T. -0.253 min
Lab File: BF135022.D
Acq: 31 Aug 2023 00:49

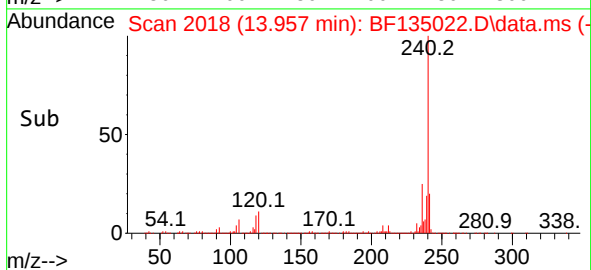
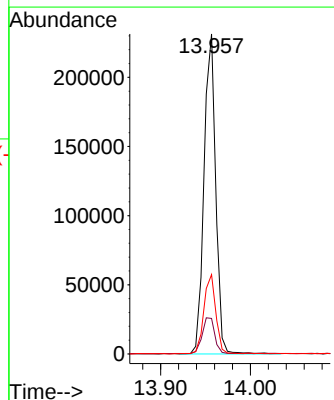
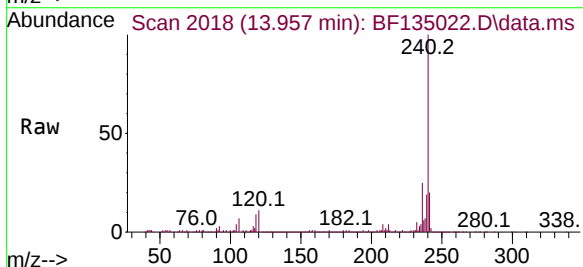
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-03

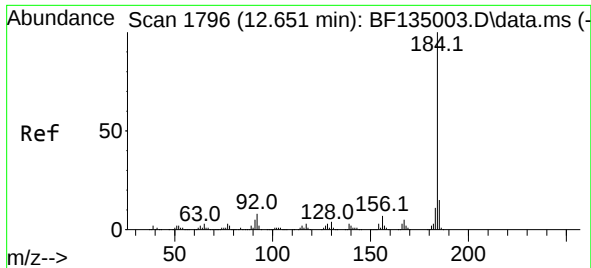
Tgt Ion:248 Resp: 10286
Ion Ratio Lower Upper
248 100
250 202.1 77.9 116.9#
141 532.8 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135022.D
Acq: 31 Aug 2023 00:49

Tgt Ion:240 Resp: 209584
Ion Ratio Lower Upper
240 100
120 11.1 10.2 15.2
236 24.8 21.3 31.9

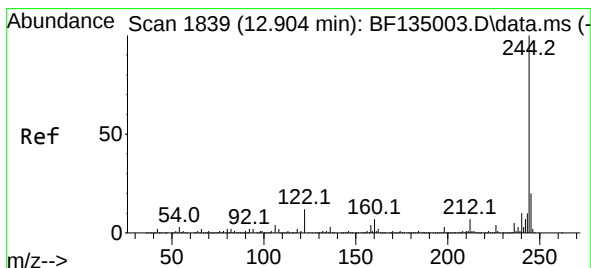
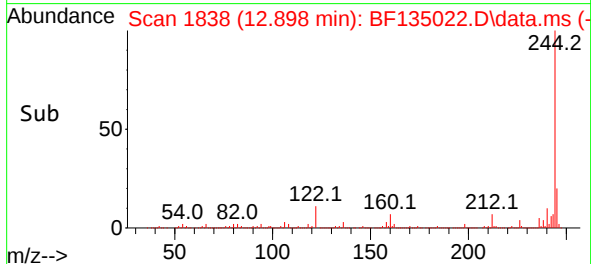
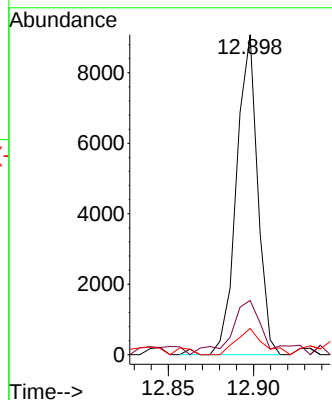
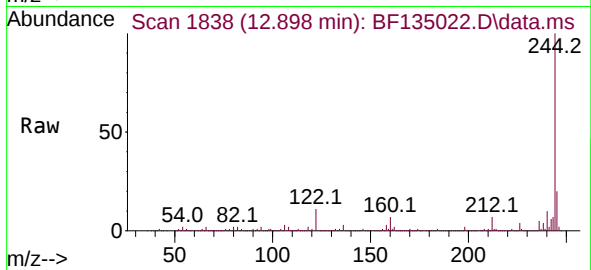




#77
Benzidine
Concen: 2.077 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.247 min
Lab File: BF135022.D
Acq: 31 Aug 2023 00:49

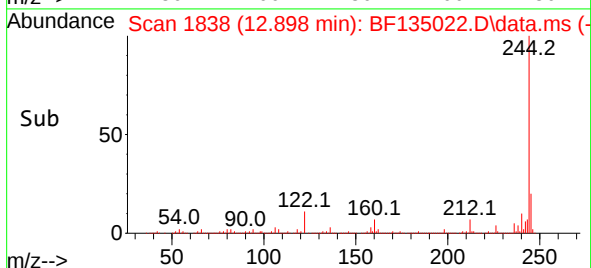
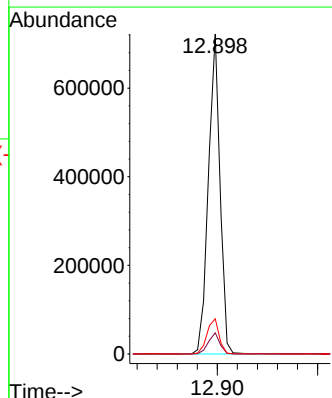
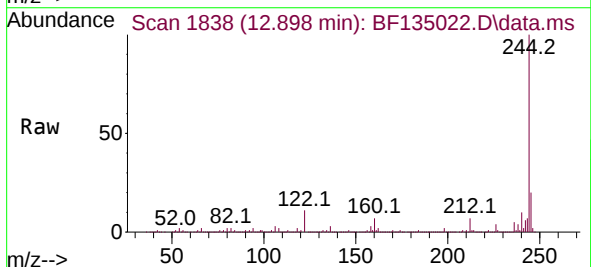
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-03

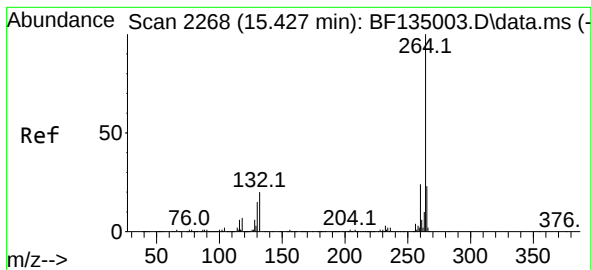
Tgt Ion:184 Resp: 7846
Ion Ratio Lower Upper
184 100
185 16.9 12.0 18.0
183 8.2 9.0 13.6#



#79
Terphenyl-d14
Concen: 45.480 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135022.D
Acq: 31 Aug 2023 00:49

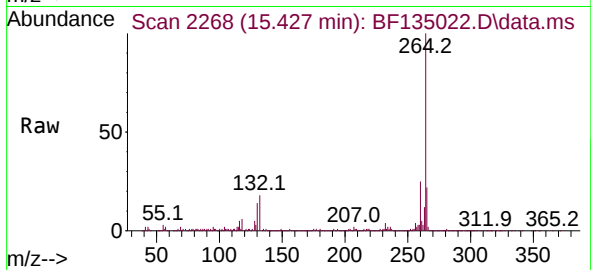
Tgt Ion:244 Resp: 584098
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 11.0 9.8 14.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF135022.D
 Acq: 31 Aug 2023 00:49

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



Tgt Ion:264 Resp: 228114
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 22.1 18.2 27.2

