

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032024\
 Data File : BF137655.D
 Acq On : 20 Mar 2024 15:12
 Operator : CG\JU
 Sample : P1786-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-COMPOSITE

Quant Time: Mar 20 15:28:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

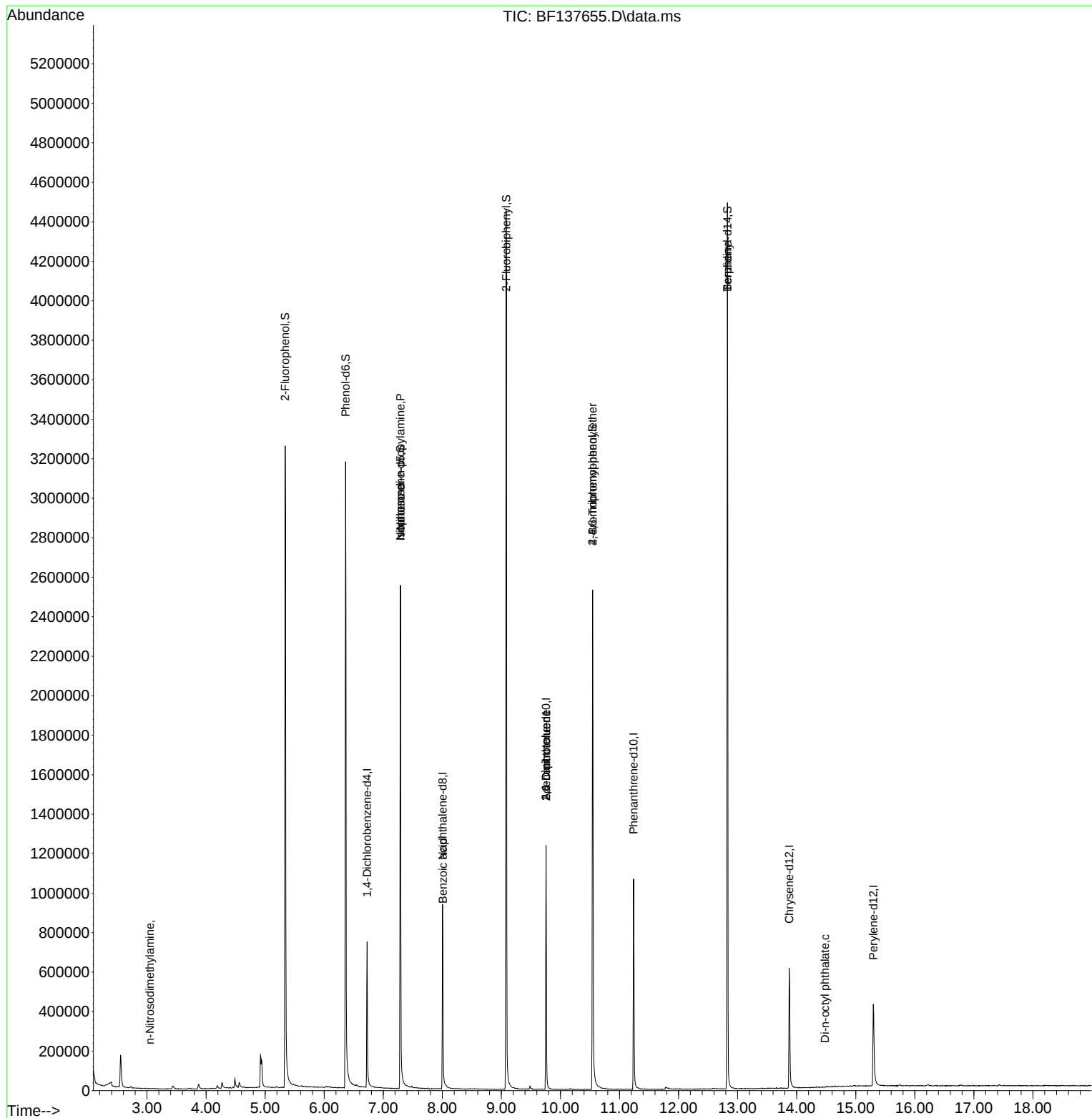
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	113339	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	442859	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	243439	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	417430	20.000	ng	0.00
76) Chrysene-d12	13.874	240	239514	20.000	ng	0.00
86) Perylene-d12	15.298	264	233210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	1009313	134.874	ng	0.00
7) Phenol-d6	6.363	99	1250776	115.790	ng	0.00
23) Nitrobenzene-d5	7.292	82	880591	92.390	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	327188	153.048	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1475988	94.909	ng	0.00
79) Terphenyl-d14	12.827	244	1598362	91.766	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.051	42	136	3.840	ng	# 12
19) n-Nitroso-di-n-propyla...	7.292	70	112446	16.857	ng	# 78
25) Isophorone	7.292	82	880591	48.631	ng	# 69
32) Benzoic acid	8.010	122	251	6.352	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	31240	8.814	ng	# 21
57) 2,4-Dinitrotoluene	9.757	165	31240	7.174	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	21628	4.757	ng	# 1
77) Benzidine	12.827	184	18624	3.177	ng	# 94
85) Di-n-octyl phthalate	14.480	149	122	5.614	ng	# 1

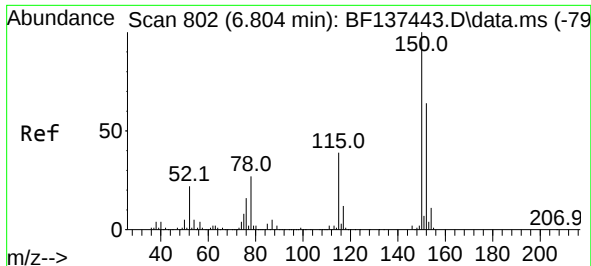
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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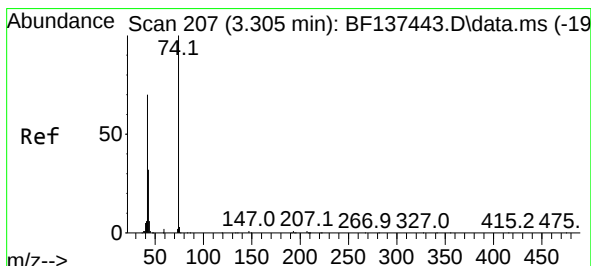
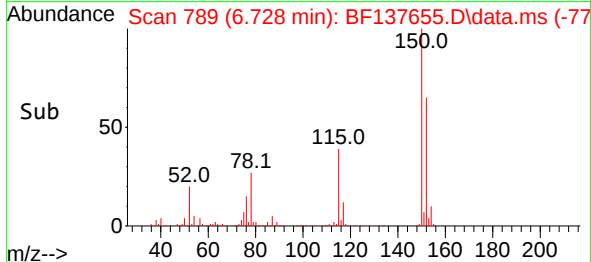
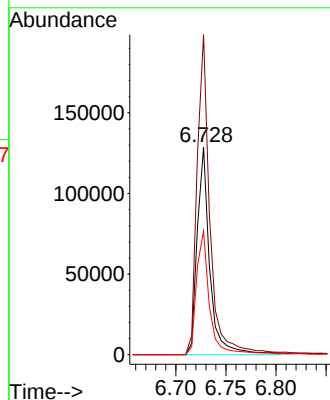
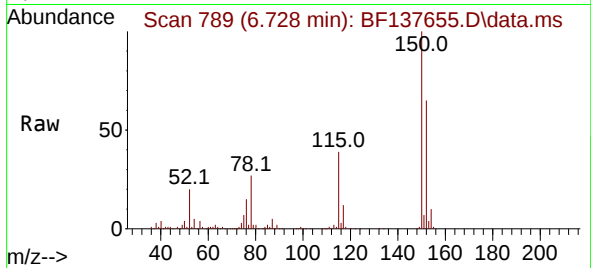




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137655.D
Acq: 20 Mar 2024 15:12

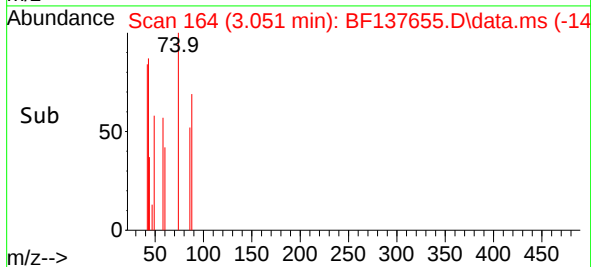
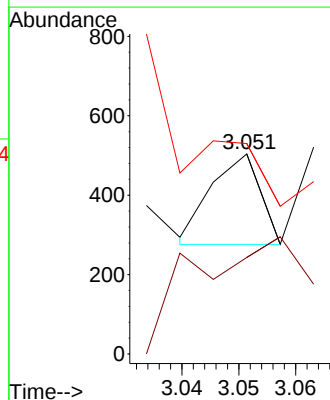
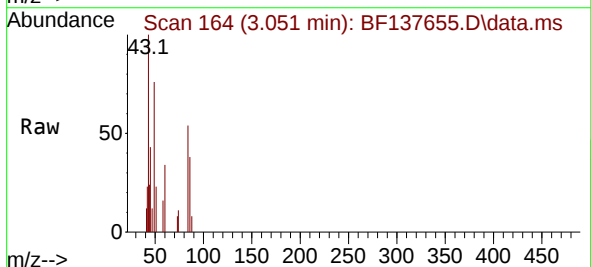
Instrument :
BNA_F
ClientSampleId :
WASTE-COMPOSITE

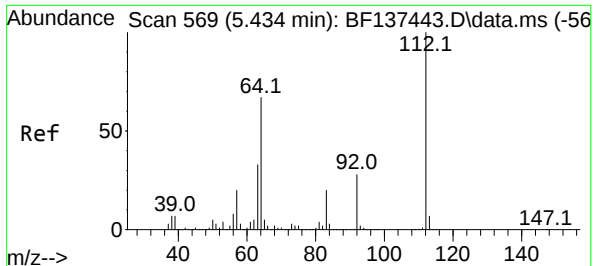
Tgt Ion:152 Resp: 113339
Ion Ratio Lower Upper
152 100
150 154.1 125.8 188.6
115 59.6 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.840 ng
RT: 3.051 min Scan# 164
Delta R.T. 0.012 min
Lab File: BF137655.D
Acq: 20 Mar 2024 15:12

Tgt Ion: 42 Resp: 136
Ion Ratio Lower Upper
42 100
74 48.2 114.0 171.0#
44 105.2 7.0 10.4#

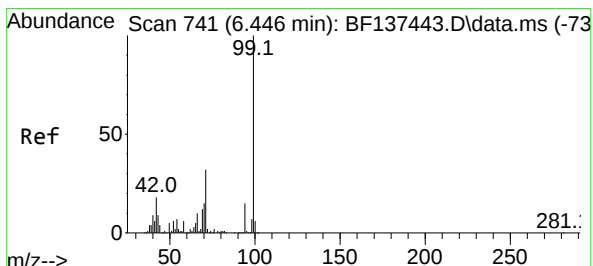
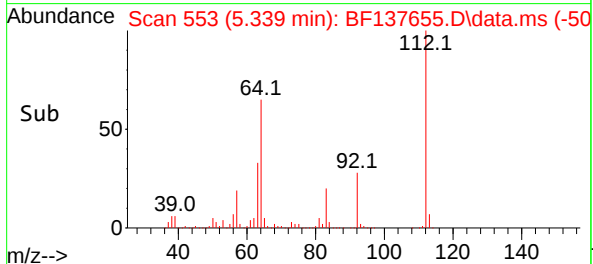
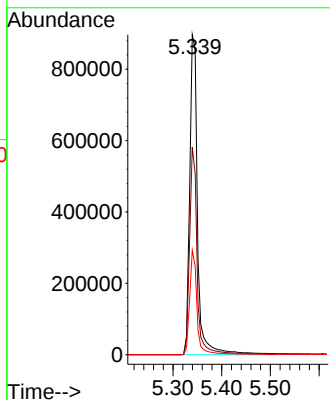
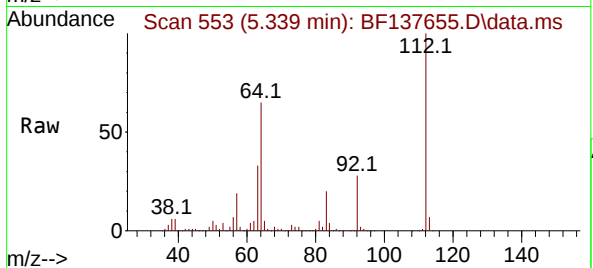




#5
2-Fluorophenol
Concen: 134.874 ng
RT: 5.339 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF137655.D
Acq: 20 Mar 2024 15:12

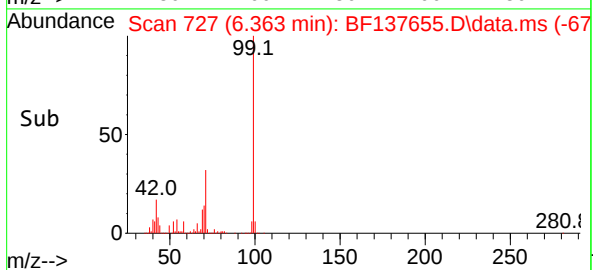
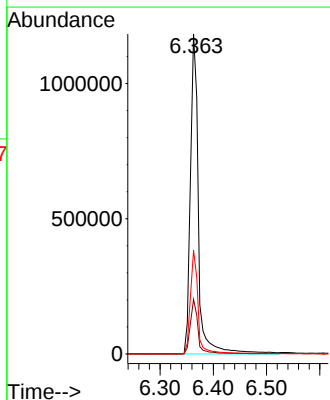
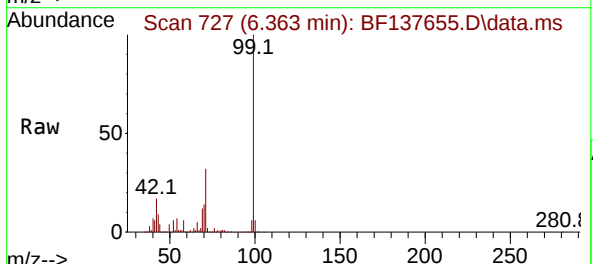
Instrument :
BNA_F
ClientSampleId :
WASTE-COMPOSITE

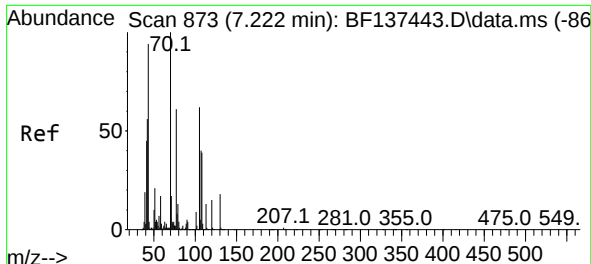
Tgt Ion:112 Resp: 1009313
Ion Ratio Lower Upper
112 100
64 64.8 53.4 80.2
63 32.7 26.2 39.2



#7
Phenol-d6
Concen: 115.790 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF137655.D
Acq: 20 Mar 2024 15:12

Tgt Ion: 99 Resp: 1250776
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 32.3 25.3 37.9

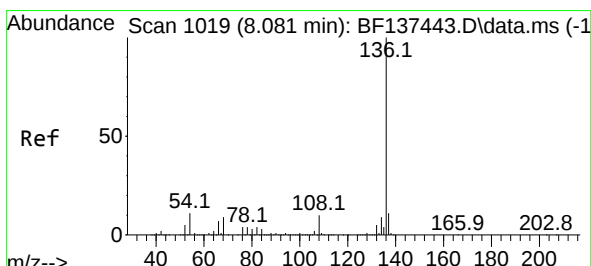
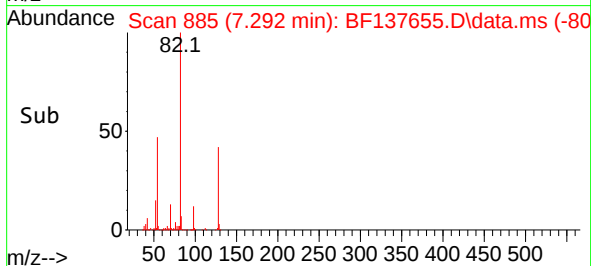
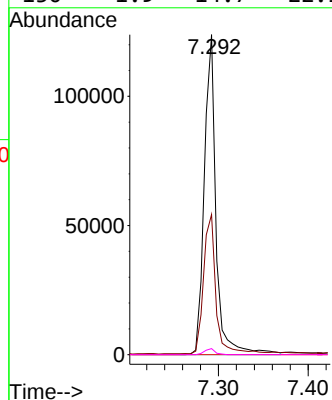
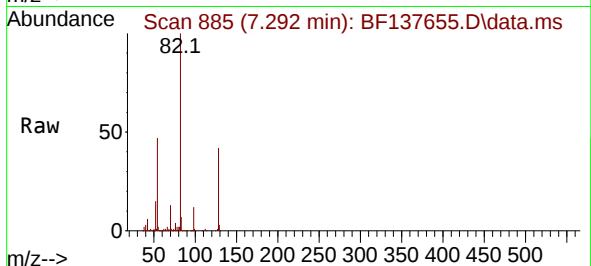




#19
n-Nitroso-di-n-propylamine
Concen: 16.857 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF137655.D
Acq: 20 Mar 2024 15:12

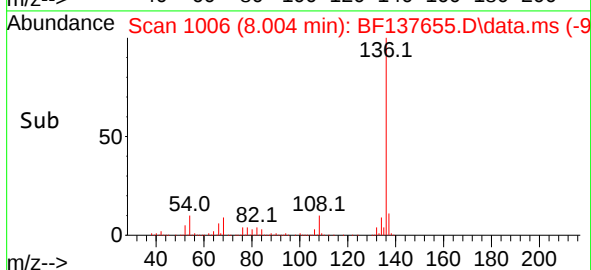
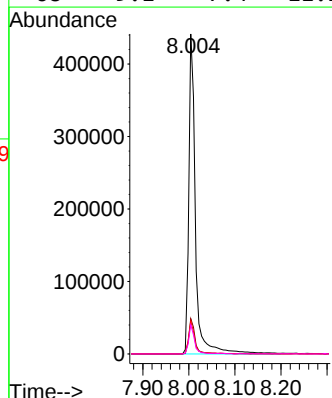
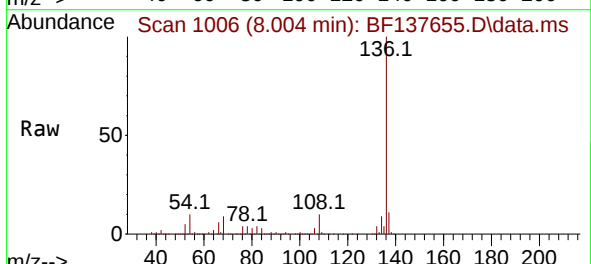
Instrument :
BNA_F
ClientSampleId :
WASTE-COMPOSITE

Tgt Ion: 70 Resp: 112446
Ion Ratio Lower Upper
70 100
42 43.8 45.2 67.8#
101 0.0 7.3 10.9#
130 1.9 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137655.D
Acq: 20 Mar 2024 15:12

Tgt Ion:136 Resp: 442859
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.3 8.5 12.7
68 9.1 7.4 11.2





#23

Nitrobenzene-d5

Concen: 92.390 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF137655.D

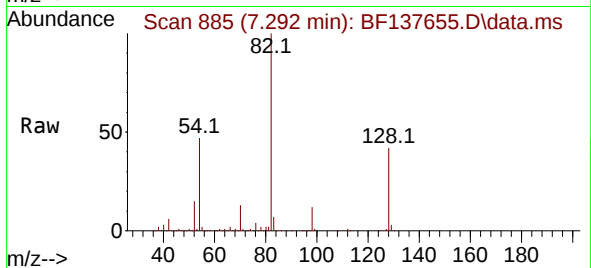
Acq: 20 Mar 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WASTE-COMPOSITE



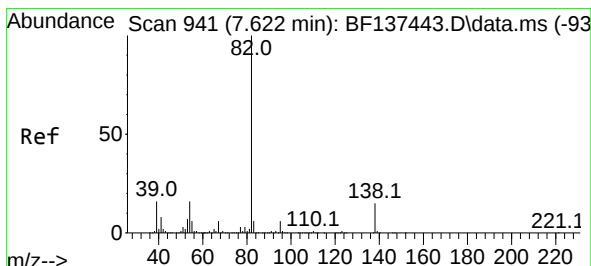
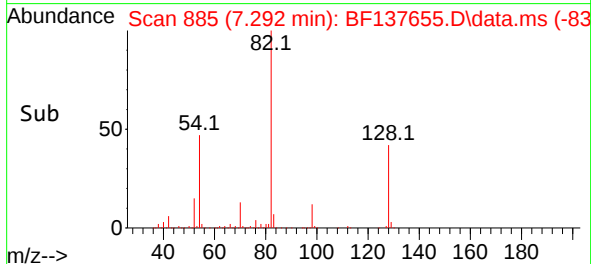
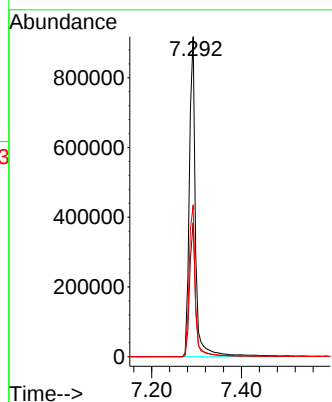
Tgt Ion: 82 Resp: 880591

Ion Ratio Lower Upper

82 100

128 41.9 32.5 48.7

54 47.5 41.5 62.3



#25

Isophorone

Concen: 48.631 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.259 min

Lab File: BF137655.D

Acq: 20 Mar 2024 15:12

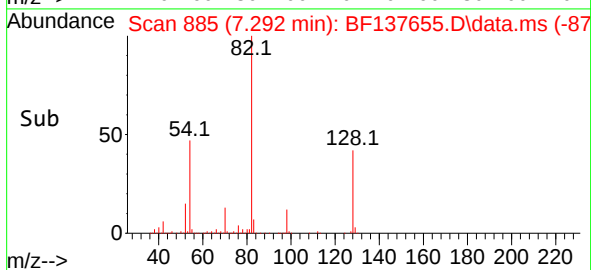
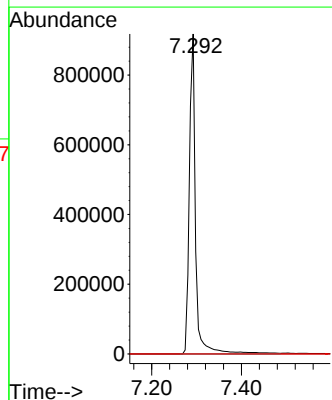
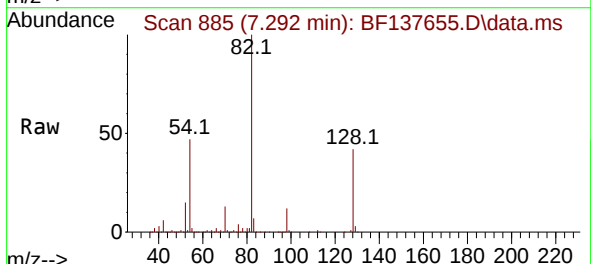
Tgt Ion: 82 Resp: 880591

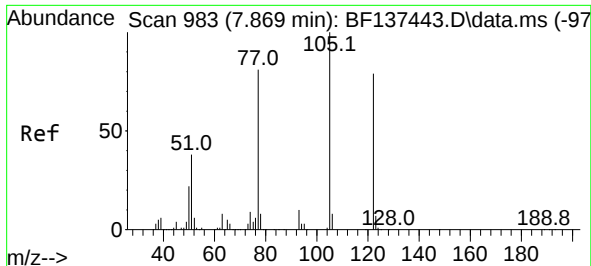
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

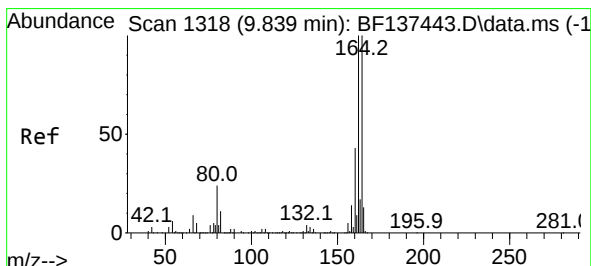
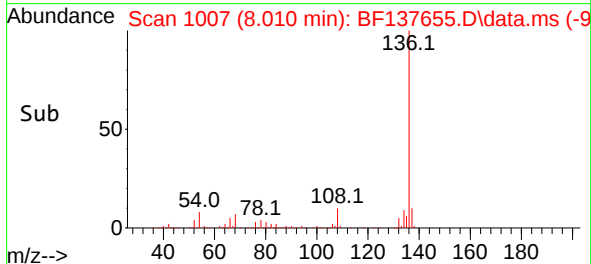
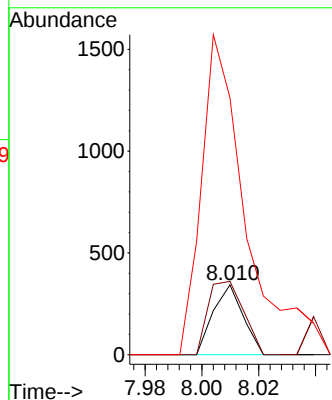
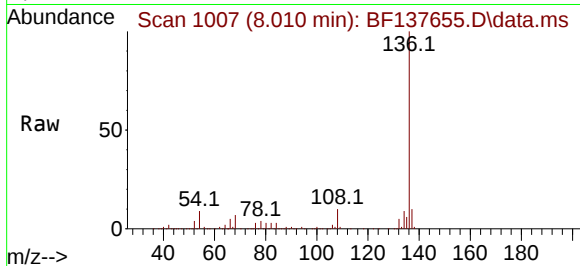




#32
Benzoic acid
Concen: 6.352 ng
RT: 8.010 min Scan# 10
Delta R.T. 0.212 min
Lab File: BF137655.D
Acq: 20 Mar 2024 15:12

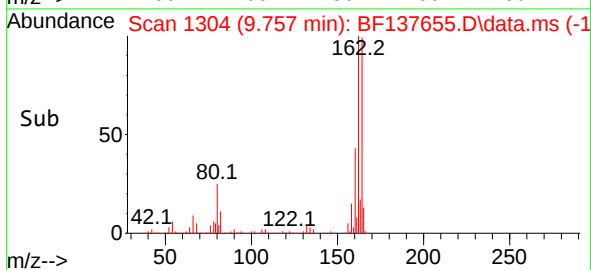
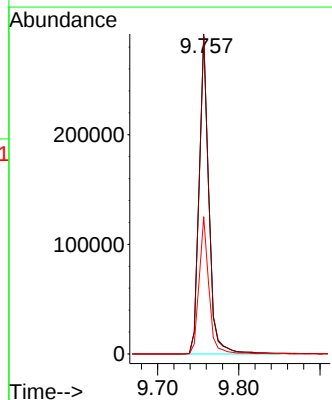
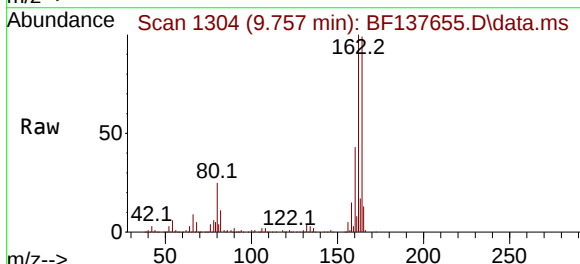
Instrument :
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Tgt Ion:122 Resp: 251
Ion Ratio Lower Upper
122 100
105 105.0 102.4 142.4
77 367.9 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137655.D
Acq: 20 Mar 2024 15:12

Tgt Ion:164 Resp: 243439
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 43.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 153.048 ng

RT: 10.545 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137655.D

Acq: 20 Mar 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WASTE-COMPOSITE

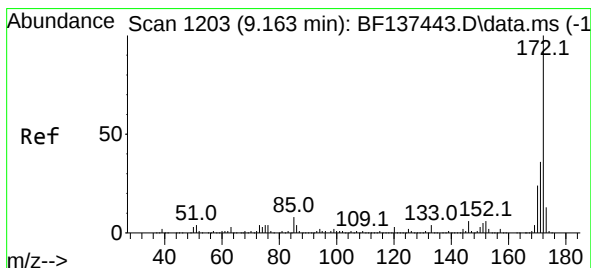
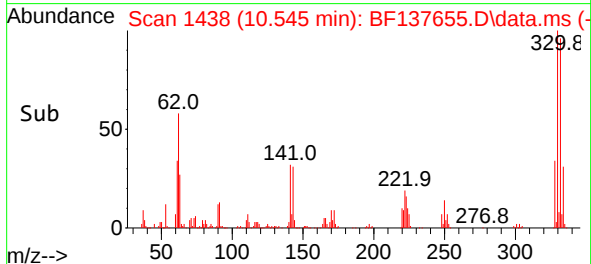
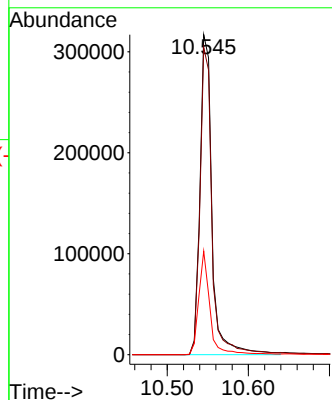
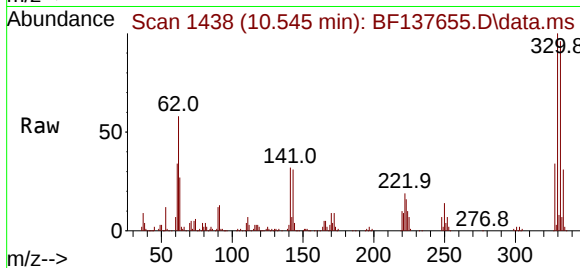
Tgt Ion:330 Resp: 327188

Ion Ratio Lower Upper

330 100

332 97.1 78.0 117.0

141 30.3 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 94.909 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137655.D

Acq: 20 Mar 2024 15:12

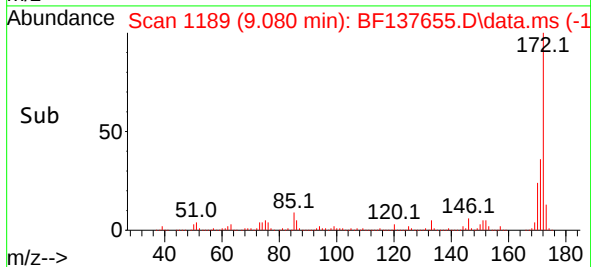
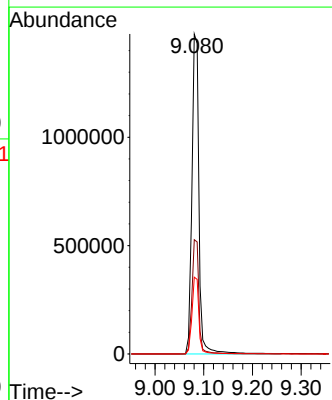
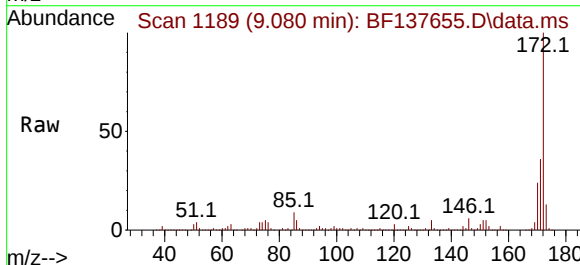
Tgt Ion:172 Resp: 1475988

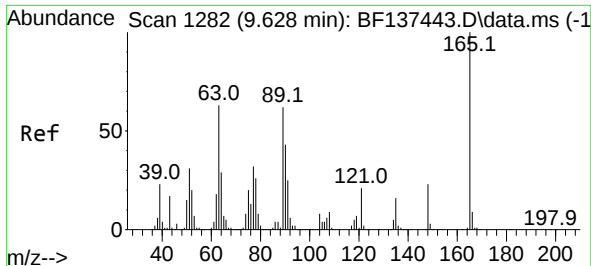
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 24.0 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.814 ng

RT: 9.757 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF137655.D

Acq: 20 Mar 2024 15:12

Instrument :

BNA_F

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WASTE-COMPOSITE

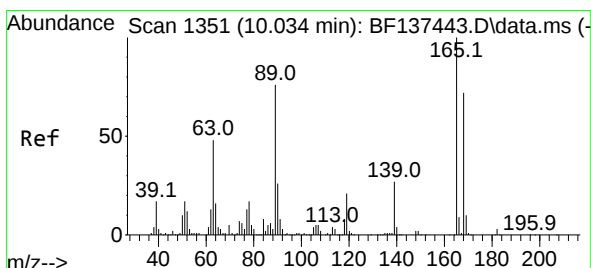
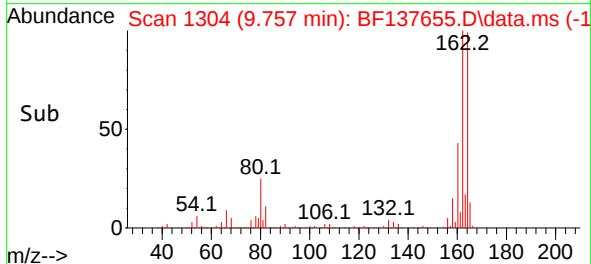
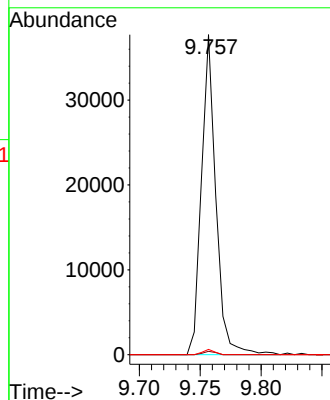
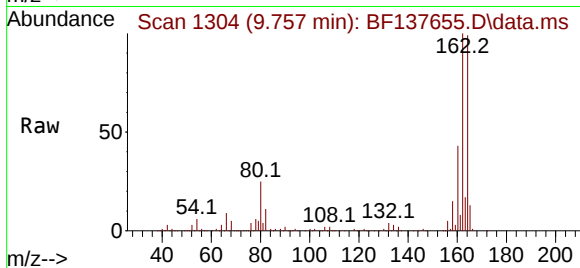
Tgt Ion:165 Resp: 31240

Ion Ratio Lower Upper

165 100

63 1.1 50.7 76.1#

89 1.7 50.0 75.0#



#57

2,4-Dinitrotoluene

Concen: 7.174 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.200 min

Lab File: BF137655.D

Acq: 20 Mar 2024 15:12

Tgt Ion:165 Resp: 31240

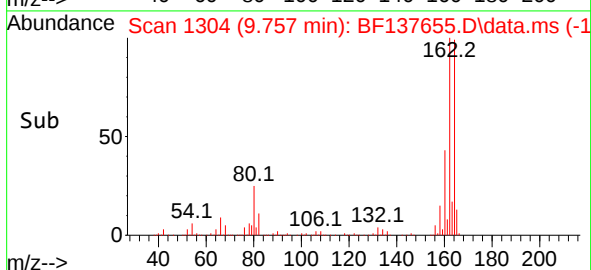
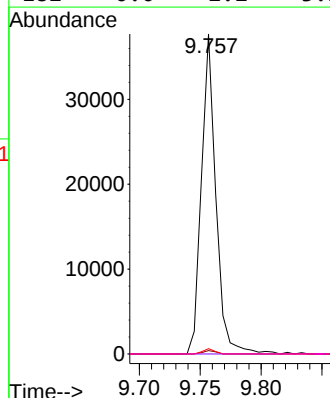
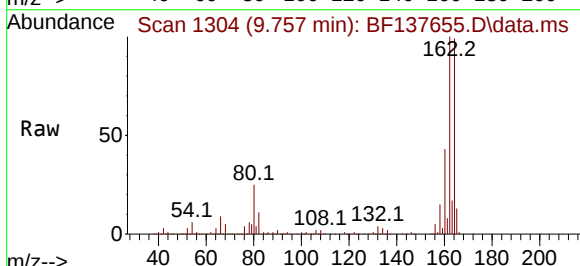
Ion Ratio Lower Upper

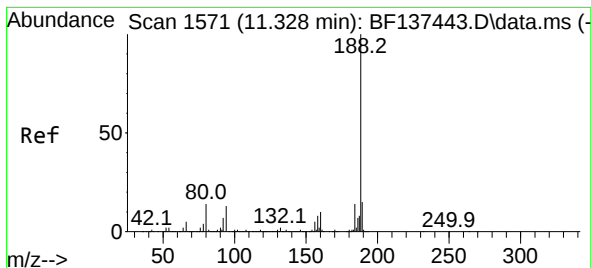
165 100

63 1.1 39.0 58.6#

89 1.7 60.9 91.3#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137655.D

Acq: 20 Mar 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WASTE-COMPOSITE

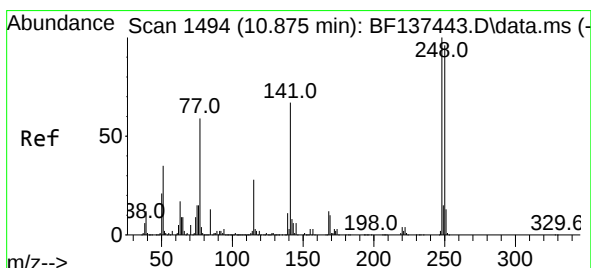
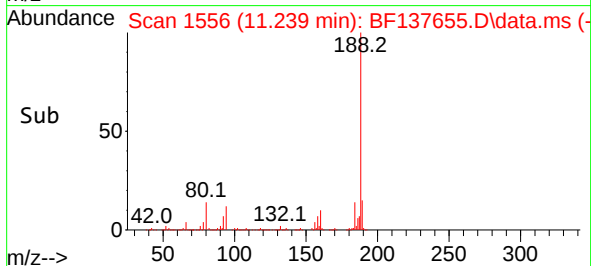
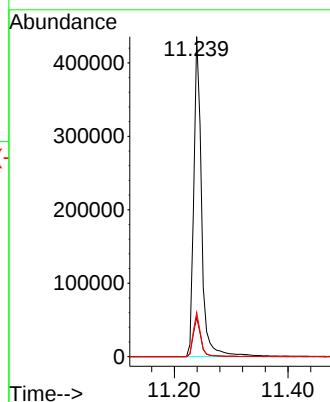
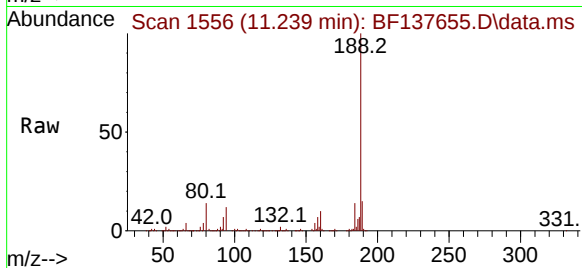
Tgt Ion:188 Resp: 417430

Ion Ratio Lower Upper

188 100

94 12.2 10.6 15.8

80 13.8 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 4.757 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.247 min

Lab File: BF137655.D

Acq: 20 Mar 2024 15:12

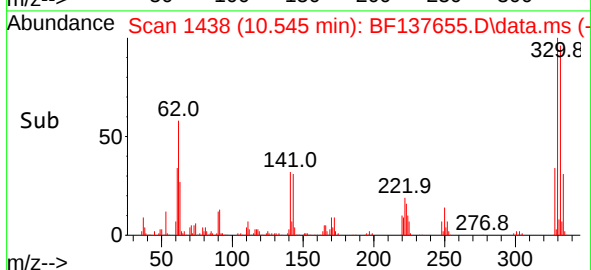
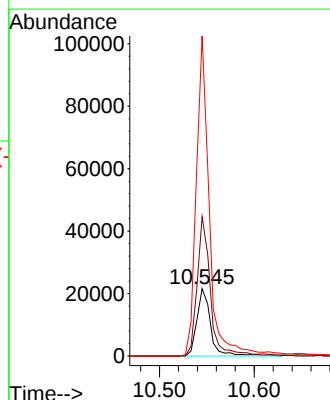
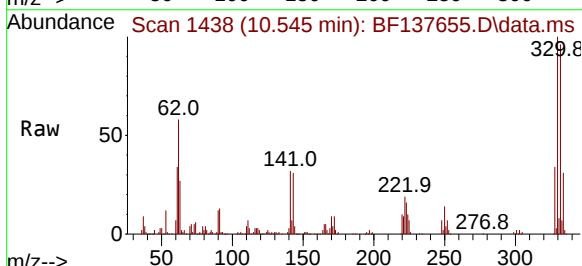
Tgt Ion:248 Resp: 21628

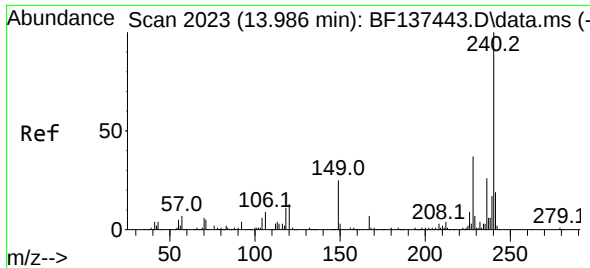
Ion Ratio Lower Upper

248 100

250 207.1 76.8 115.2#

141 475.7 53.4 80.0#

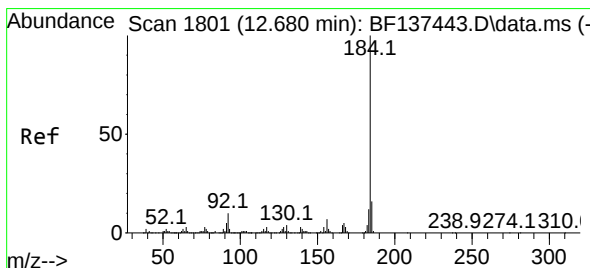
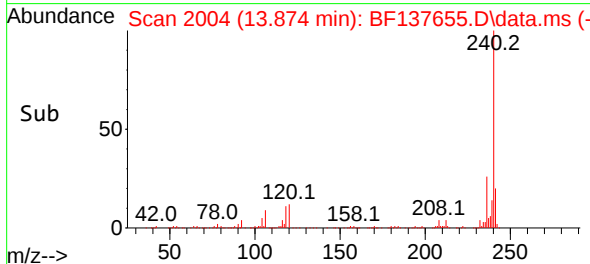
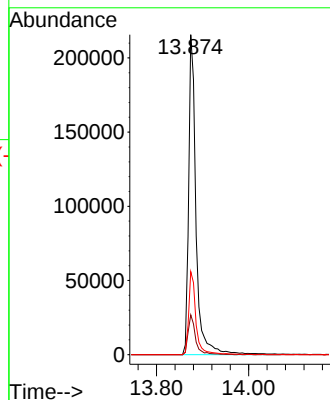
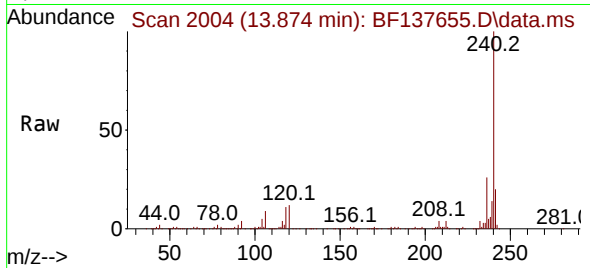




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF137655.D
Acq: 20 Mar 2024 15:12

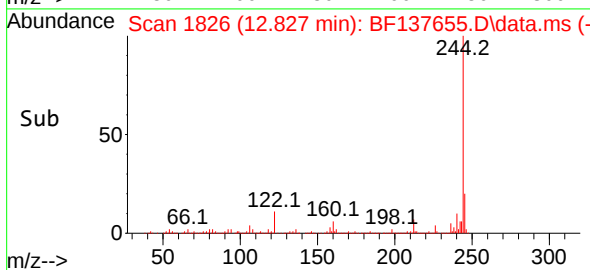
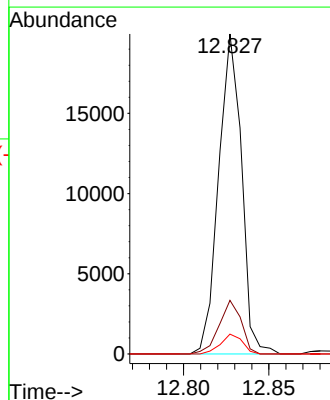
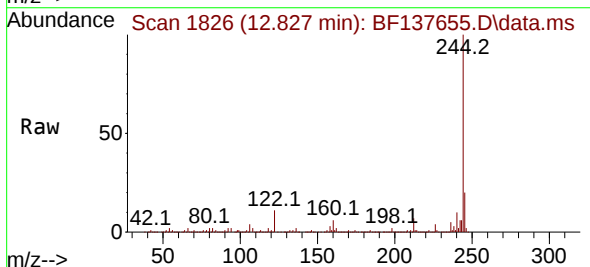
Instrument :
BNA_F
ClientSampleId :
WASTE-COMPOSITE

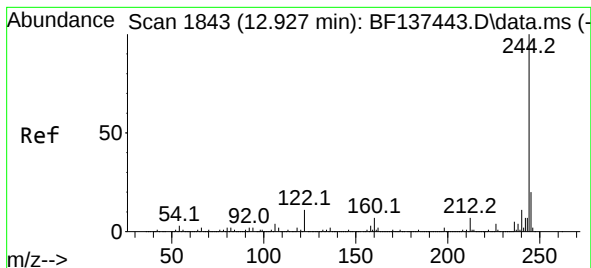
Tgt Ion:240 Resp: 239514
Ion Ratio Lower Upper
240 100
120 12.5 10.4 15.6
236 26.0 20.9 31.3



#77
Benzidine
Concen: 3.177 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF137655.D
Acq: 20 Mar 2024 15:12

Tgt Ion:184 Resp: 18624
Ion Ratio Lower Upper
184 100
185 16.8 13.2 19.8
183 6.2 9.3 13.9#





#79

Terphenyl-d14

Concen: 91.766 ng

RT: 12.827 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137655.D

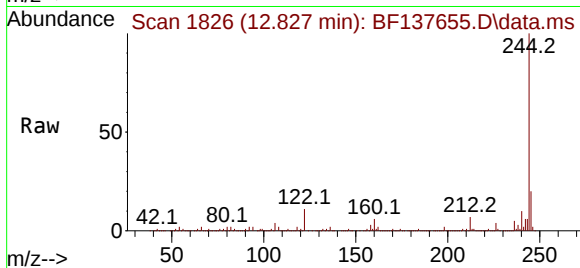
Acq: 20 Mar 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WASTE-COMPOSITE



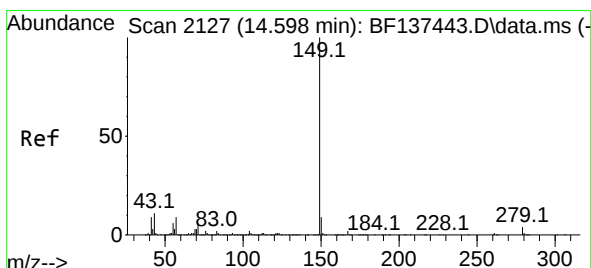
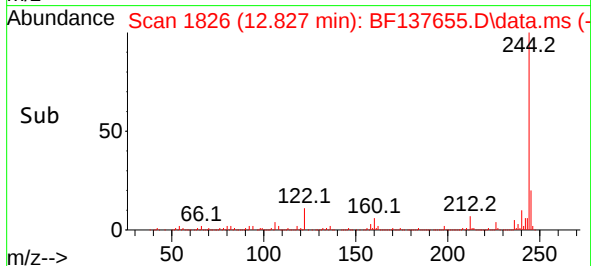
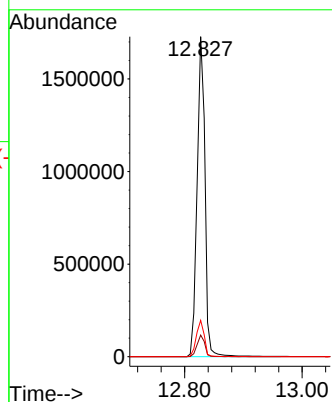
Tgt Ion:244 Resp: 1598362

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.4 9.1 13.7



#85

Di-n-octyl phthalate

Concen: 5.614 ng

RT: 14.480 min Scan# 2107

Delta R.T. 0.006 min

Lab File: BF137655.D

Acq: 20 Mar 2024 15:12

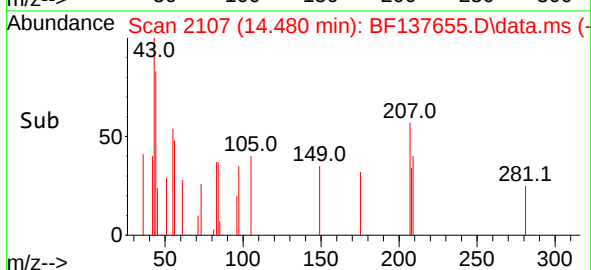
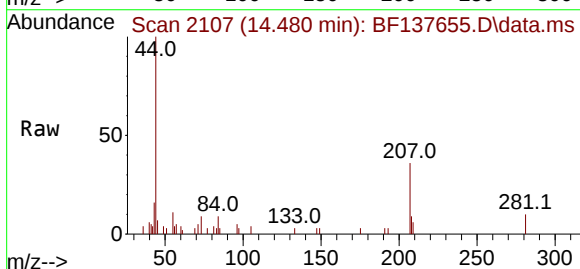
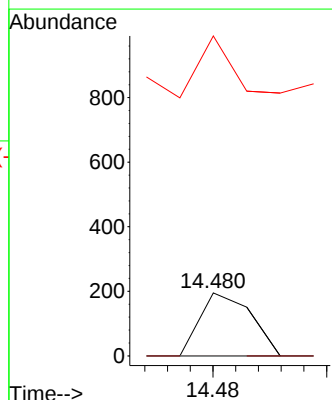
Tgt Ion:149 Resp: 122

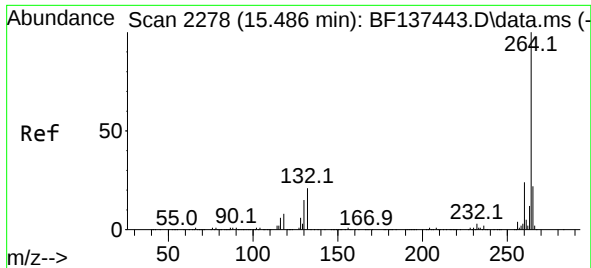
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

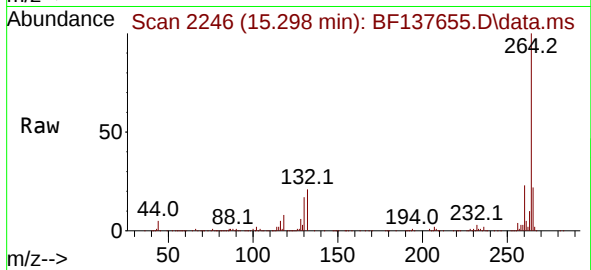
43 424.6 9.6 14.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF137655.D
 Acq: 20 Mar 2024 15:12

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-COMPOSITE



Tgt Ion:264 Resp: 233210
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.3 28.9
 265 21.9 17.4 26.0

