

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
 Data File : BF137452.D
 Acq On : 01 Mar 2024 10:56
 Operator : CG\JU
 Sample : PB159365BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159365BL

Quant Time: Mar 01 12:57:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 12:53:33 2024
 Response via : Initial Calibration

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

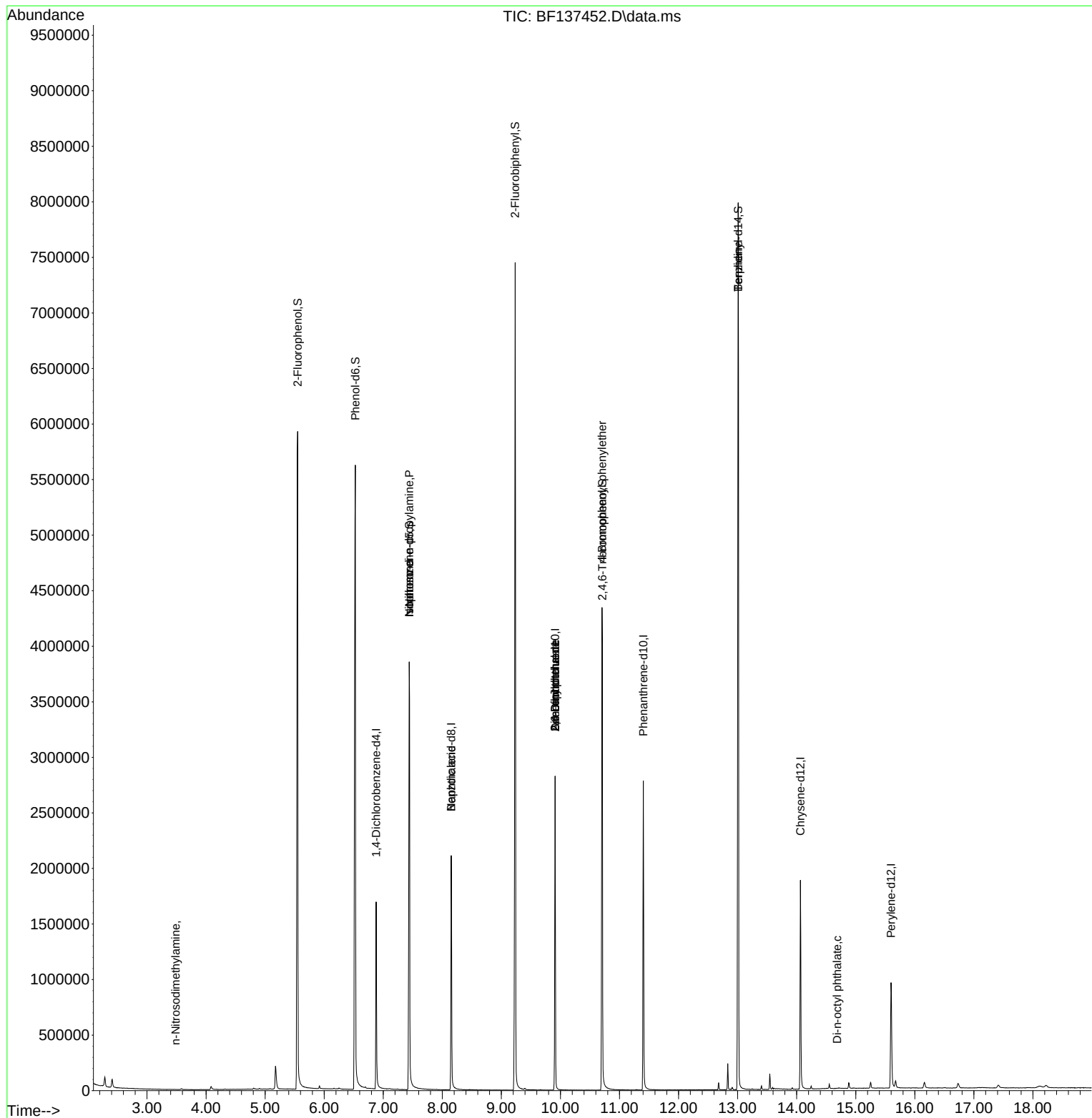
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	237604	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	948877	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	521812	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	984371	20.000	ng	0.00
76) Chrysene-d12	14.063	240	644902	20.000	ng	0.00
86) Perylene-d12	15.598	264	487028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	1873624	119.429	ng	0.02
7) Phenol-d6	6.528	99	2558395	112.976	ng	0.00
23) Nitrobenzene-d5	7.439	82	1611488	78.910	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	588140	128.347	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2590774	77.720	ng	0.00
79) Terphenyl-d14	13.010	244	3244990	69.192	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.487	42	357	3.848	ng	# 1
19) n-Nitroso-di-n-propyla...	7.439	70	210927	15.084	ng	# 80
25) Isophorone	7.439	82	1611478	41.535	ng	# 69
32) Benzoic acid	8.151	122	64	6.305	ng	# 1
50) Dimethylphthalate	9.910	163	99625	2.743	ng	# 1
51) 2,6-Dinitrotoluene	9.910	165	67715	8.913	ng	# 20
57) 2,4-Dinitrotoluene	9.910	165	67786	7.262	ng	# 21
67) 4-Bromophenyl-phenylether	10.704	248	39127	3.649	ng	# 1
77) Benzidine	13.010	184	37539	2.379	ng	# 93
85) Di-n-octyl phthalate	14.686	149	173	5.611	ng	# 1

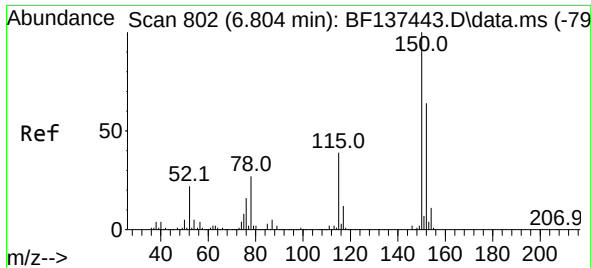
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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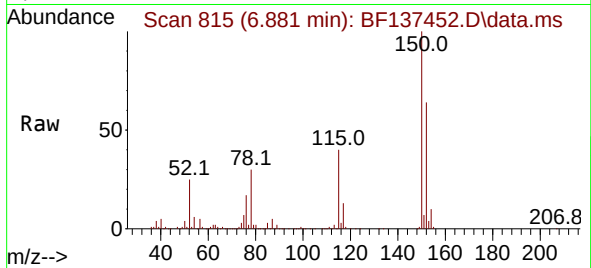
Quant Time: Mar 01 12:57:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
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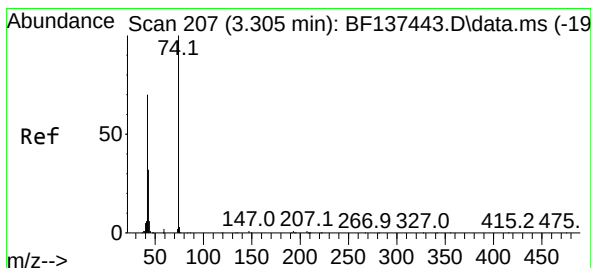
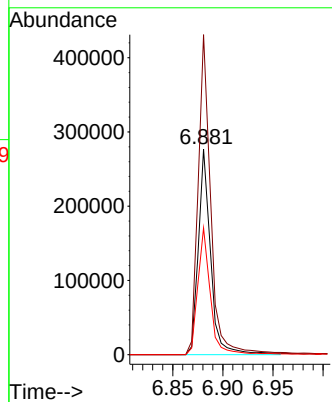
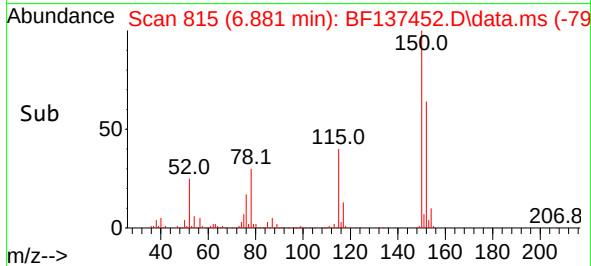


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

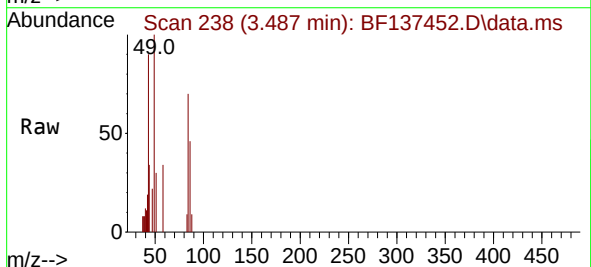
Instrument :
BNA_F
ClientSampleId :
PB159365BL



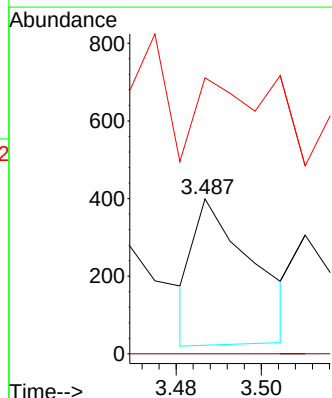
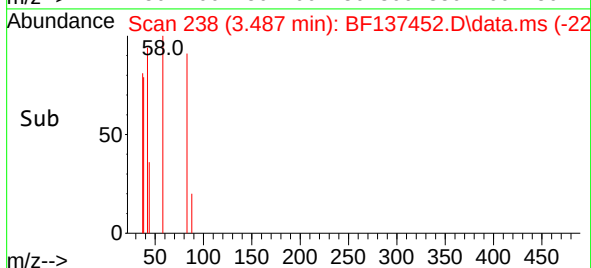
Tgt Ion:152 Resp: 237604
Ion Ratio Lower Upper
152 100
150 155.6 125.8 188.6
115 61.6 48.8 73.2

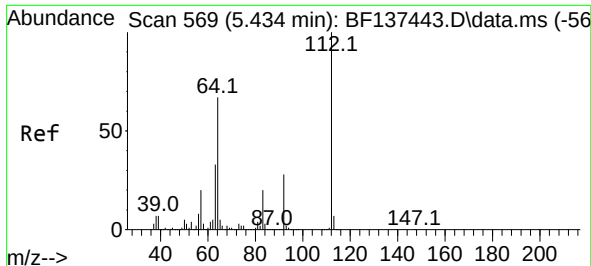


#4
n-Nitrosodimethylamine
Concen: 3.848 ng
RT: 3.487 min Scan# 238
Delta R.T. -0.012 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56



Tgt Ion: 42 Resp: 357
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 178.2 7.0 10.4#

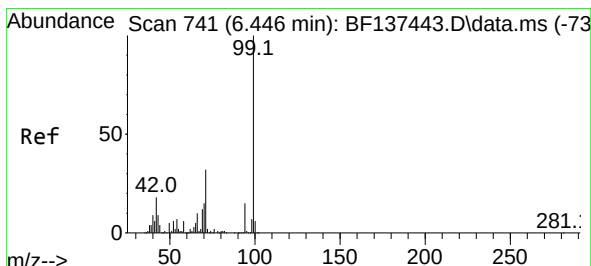
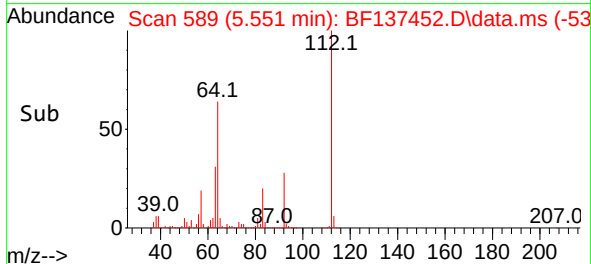
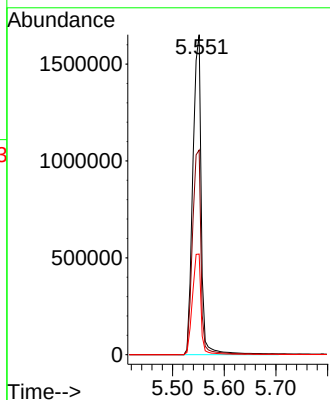
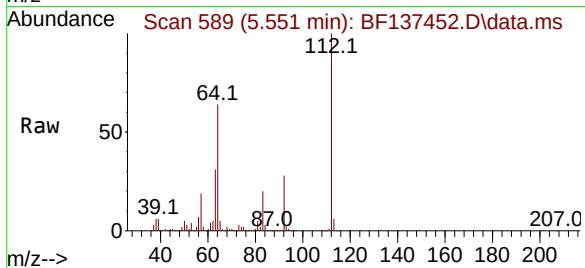




#5
2-Fluorophenol
Concen: 119.429 ng
RT: 5.551 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

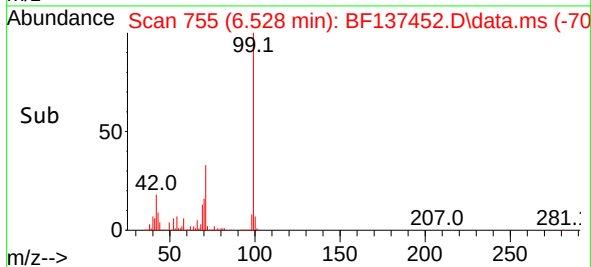
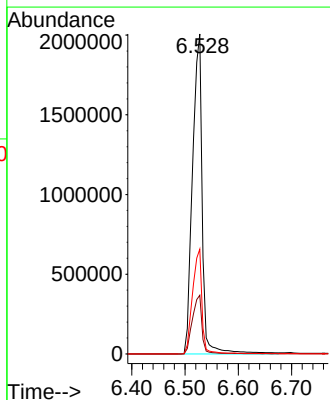
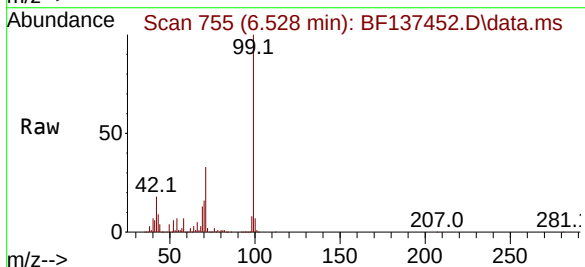
Instrument :
BNA_F
ClientSampleId :
PB159365BL

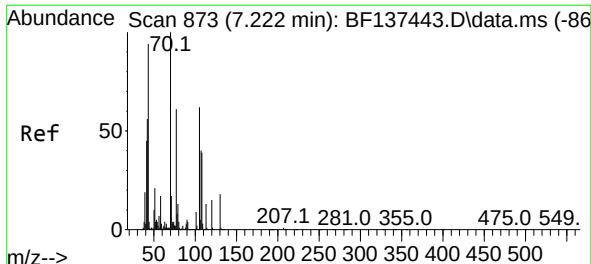
Tgt Ion:112 Resp: 1873624
Ion Ratio Lower Upper
112 100
64 63.9 53.4 80.2
63 31.5 26.2 39.2



#7
Phenol-d6
Concen: 112.976 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

Tgt Ion: 99 Resp: 2558395
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 32.8 25.3 37.9





#19

n-Nitroso-di-n-propylamine

Concen: 15.084 ng

RT: 7.439 min Scan# 91

Delta R.T. 0.141 min

Lab File: BF137452.D

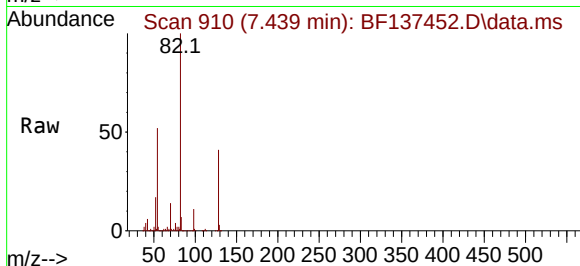
Acq: 01 Mar 2024 10:56

Instrument :

BNA_F

ClientSampleId :

PB159365BL



Tgt Ion: 70 Resp: 210927

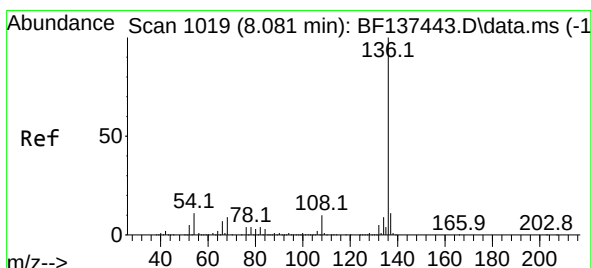
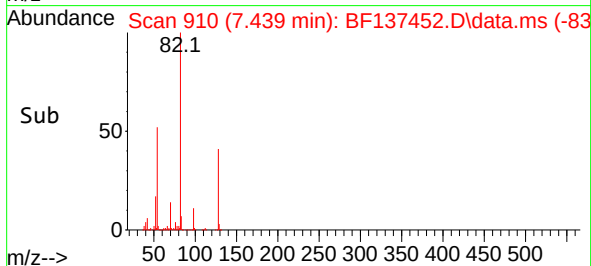
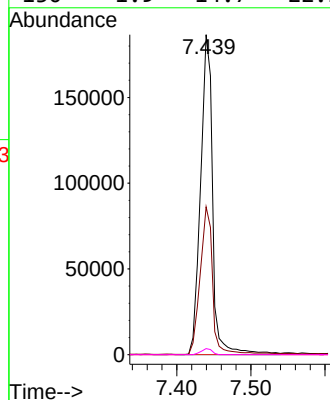
Ion Ratio Lower Upper

70 100

42 46.2 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: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF137452.D

Acq: 01 Mar 2024 10:56

Tgt Ion: 136 Resp: 948877

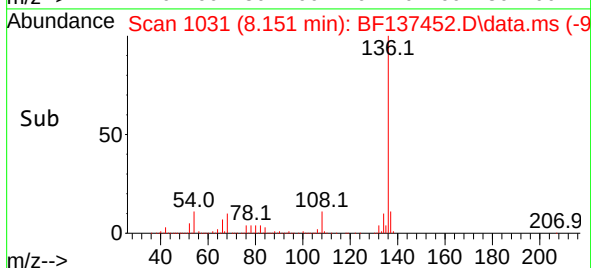
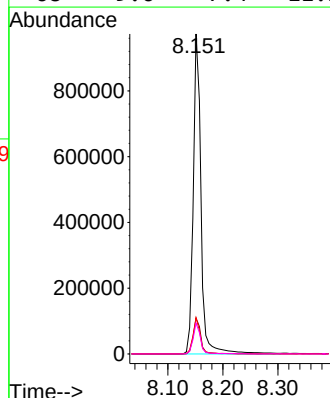
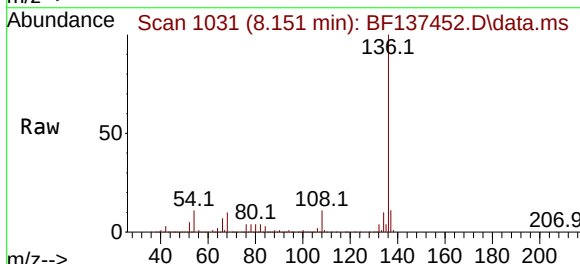
Ion Ratio Lower Upper

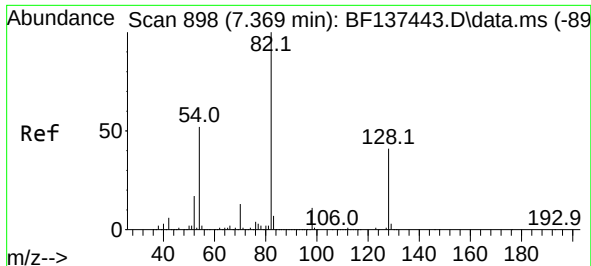
136 100

137 11.3 9.1 13.7

54 11.3 8.5 12.7

68 9.6 7.4 11.2





#23

Nitrobenzene-d5

Concen: 78.910 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF137452.D

Acq: 01 Mar 2024 10:56

Instrument :

BNA_F

ClientSampleId :

PB159365BL

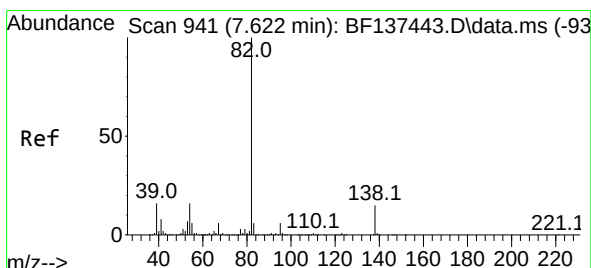
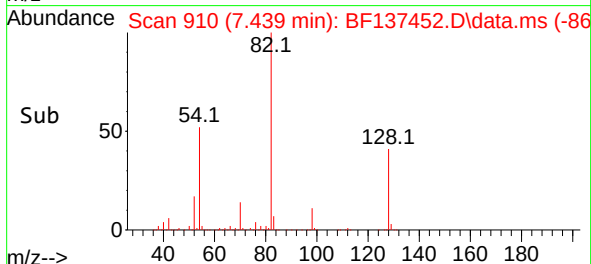
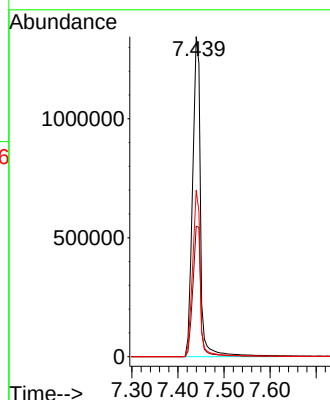
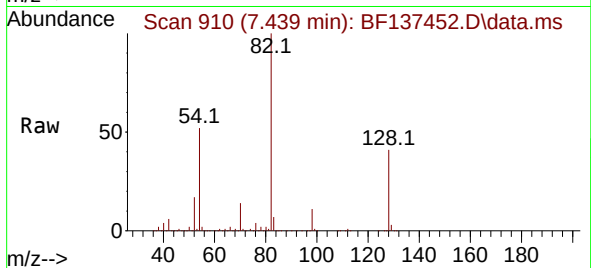
Tgt Ion: 82 Resp: 1611488

Ion Ratio Lower Upper

82 100

128 40.7 32.5 48.7

54 52.0 41.5 62.3



#25

Isophorone

Concen: 41.535 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.259 min

Lab File: BF137452.D

Acq: 01 Mar 2024 10:56

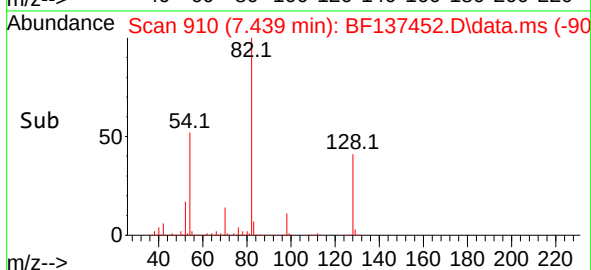
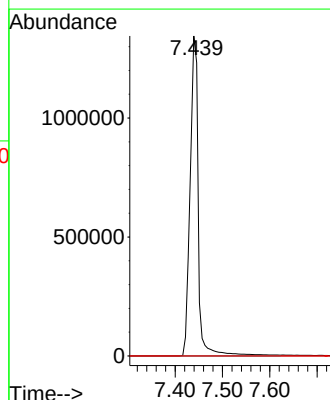
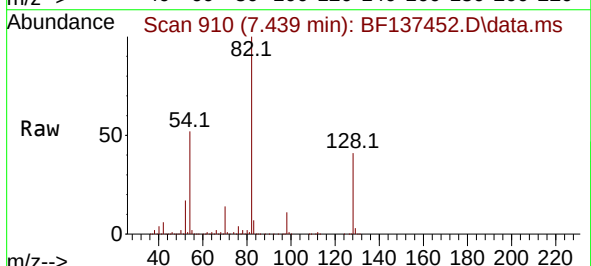
Tgt Ion: 82 Resp: 1611478

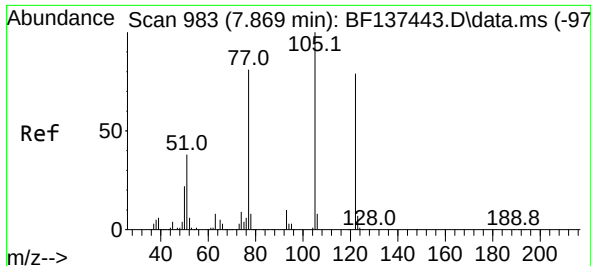
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

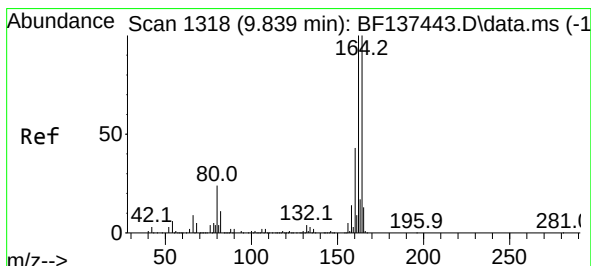
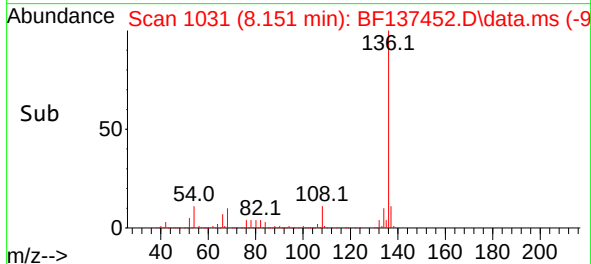
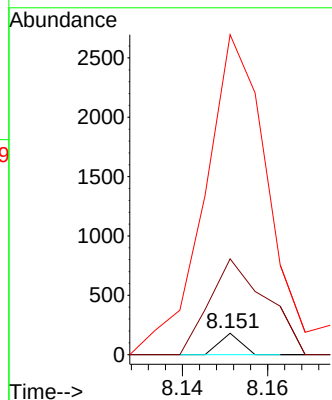
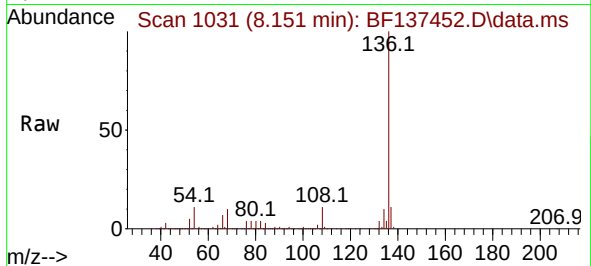




#32
Benzoic acid
Concen: 6.305 ng
RT: 8.151 min Scan# 10
Delta R.T. 0.206 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

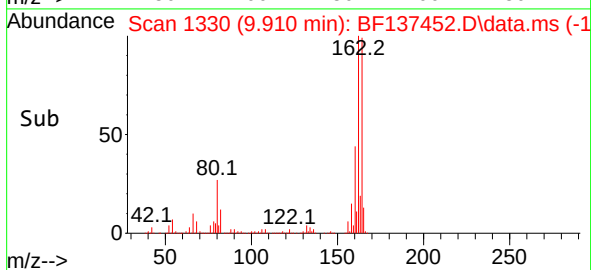
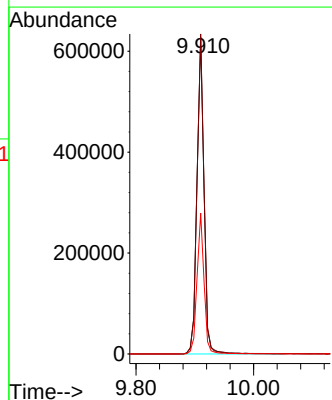
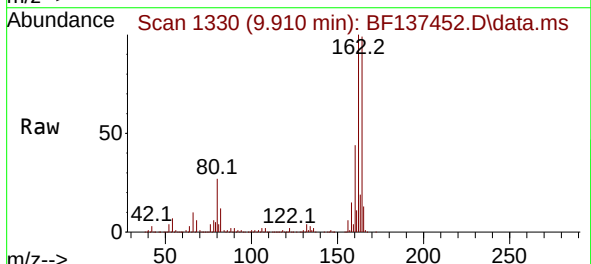
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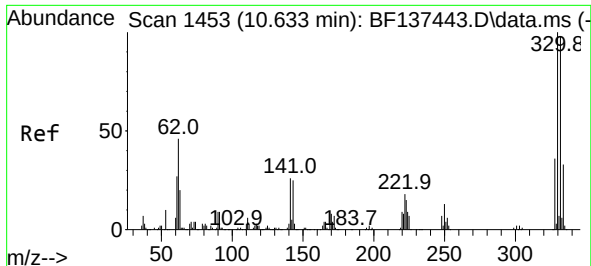
Tgt Ion:122 Resp: 64
Ion Ratio Lower Upper
122 100
105 446.4 102.4 142.4#
77 1489.5 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

Tgt Ion:164 Resp: 521812
Ion Ratio Lower Upper
164 100
162 101.0 79.8 119.8
160 44.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 128.347 ng

RT: 10.710 min Scan# 1453

Delta R.T. 0.000 min

Lab File: BF137452.D

Acq: 01 Mar 2024 10:56

Instrument :

BNA_F

ClientSampleId :

PB159365BL

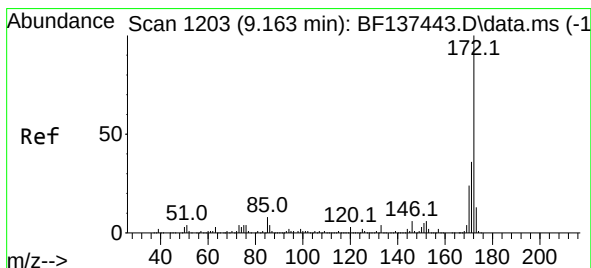
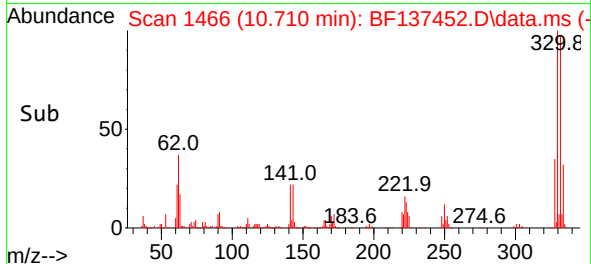
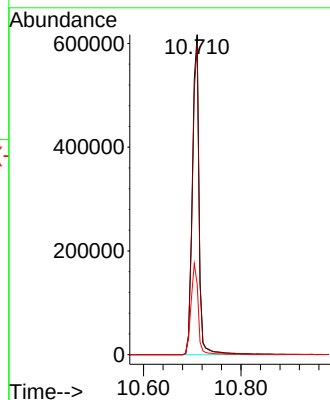
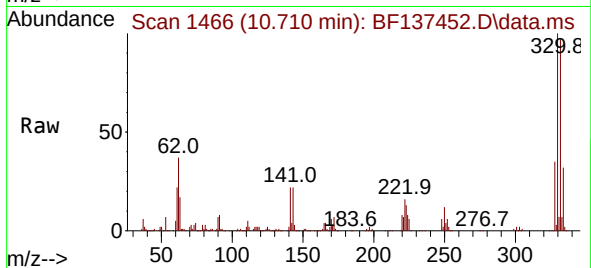
Tgt Ion:330 Resp: 588140

Ion Ratio Lower Upper

330 100

332 95.8 78.0 117.0

141 30.4 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 77.720 ng

RT: 9.233 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF137452.D

Acq: 01 Mar 2024 10:56

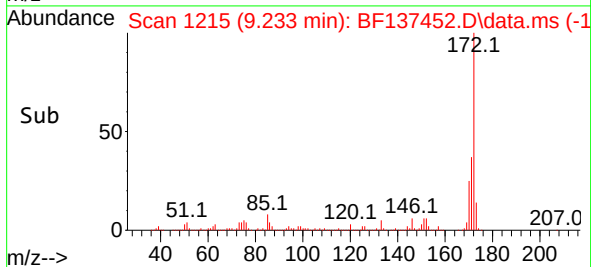
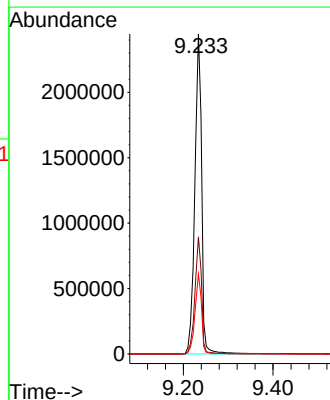
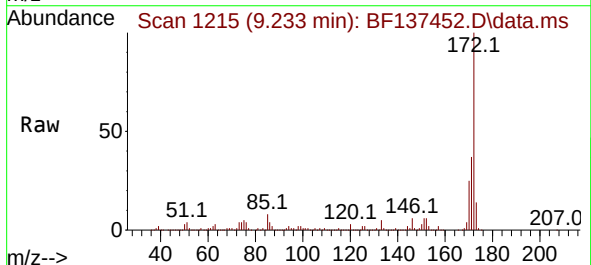
Tgt Ion:172 Resp: 2590774

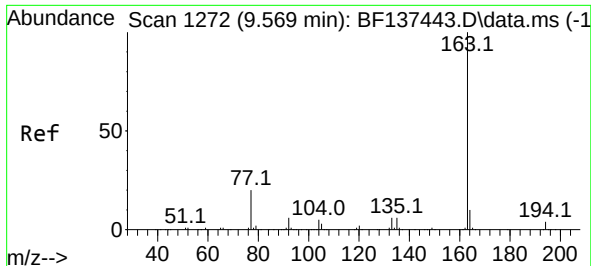
Ion Ratio Lower Upper

172 100

171 36.6 28.5 42.7

170 24.9 19.0 28.6

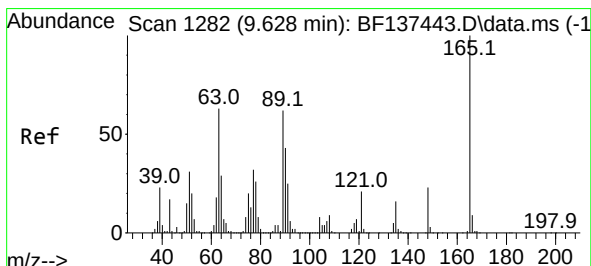
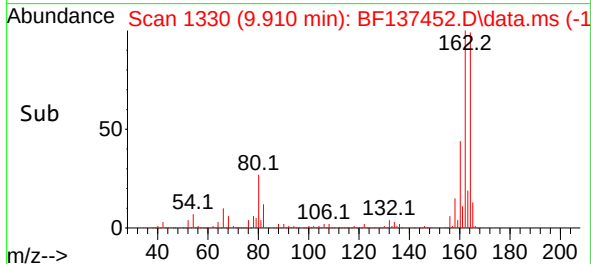
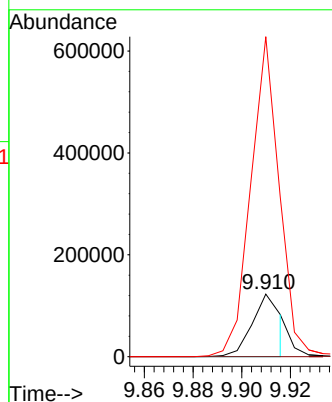
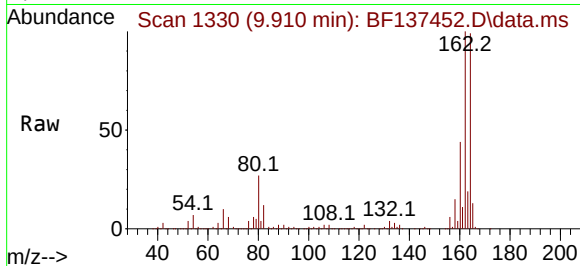




#50
Dimethylphthalate
Concen: 2.743 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

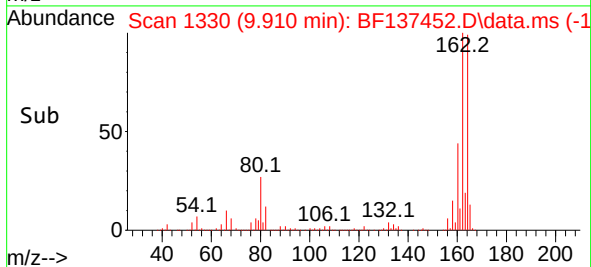
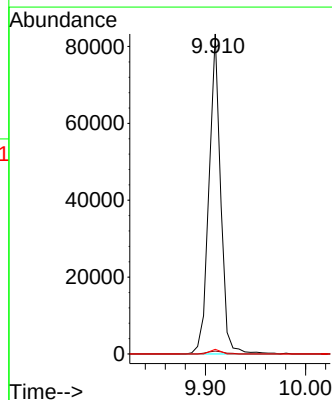
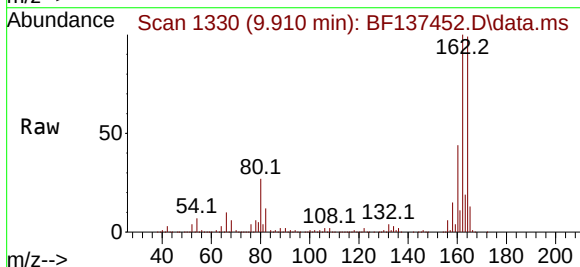
Instrument :
BNA_F
ClientSampleId :
PB159365BL

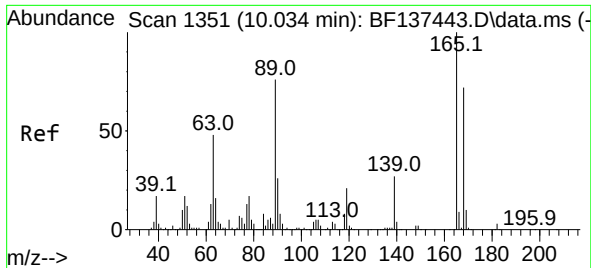
Tgt Ion:163 Resp: 99625
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 511.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.913 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.206 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

Tgt Ion:165 Resp: 67715
Ion Ratio Lower Upper
165 100
63 0.9 50.7 76.1#
89 1.5 50.0 75.0#

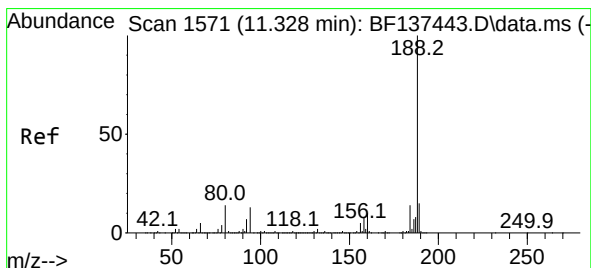
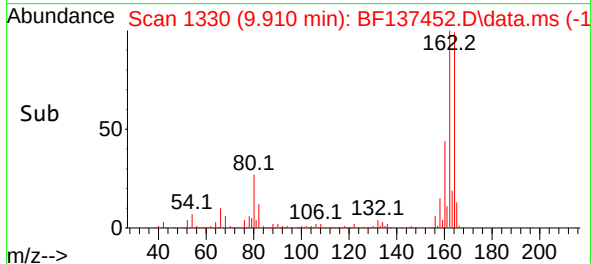
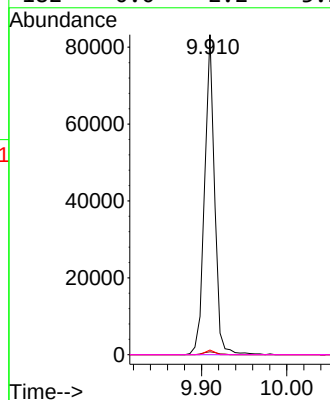
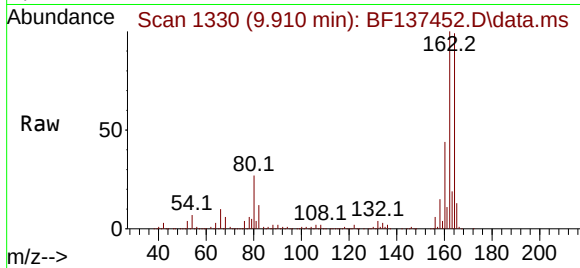




#57
2,4-Dinitrotoluene
Concen: 7.262 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

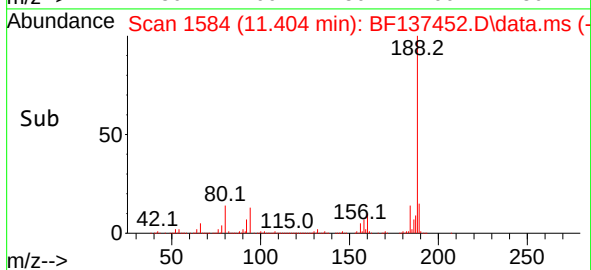
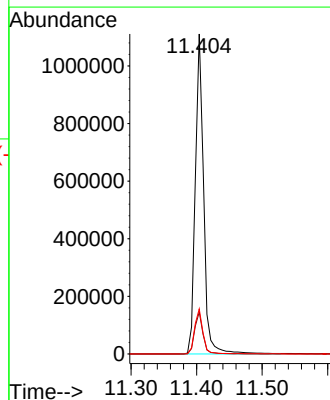
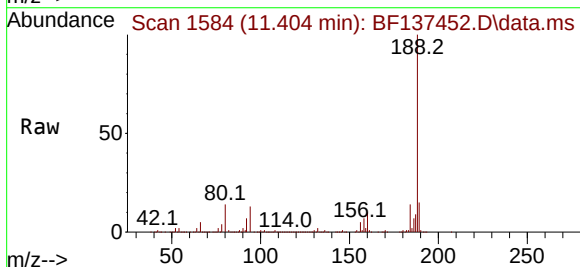
Instrument :
BNA_F
ClientSampleId :
PB159365BL

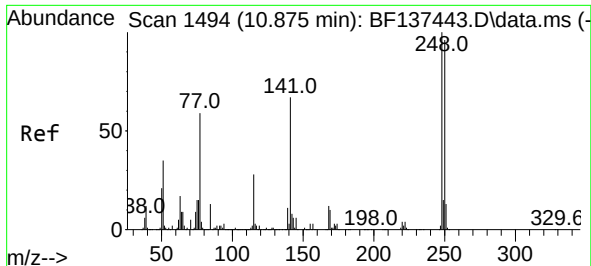
Tgt Ion:165 Resp: 67786
Ion Ratio Lower Upper
165 100
63 0.9 39.0 58.6#
89 1.5 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

Tgt Ion:188 Resp: 984371
Ion Ratio Lower Upper
188 100
94 13.1 10.6 15.8
80 14.1 11.5 17.3

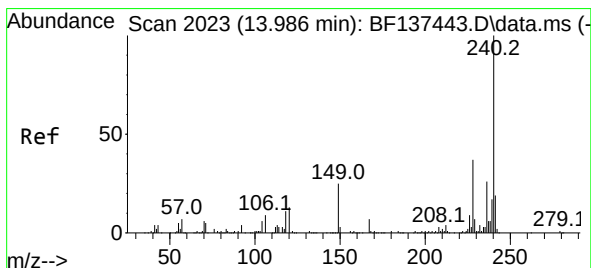
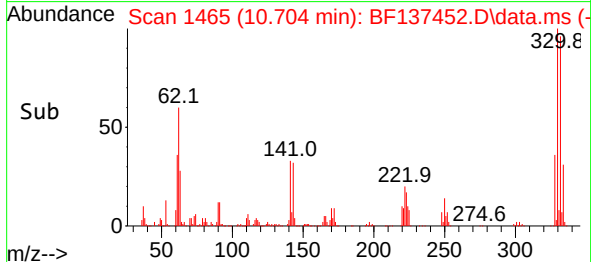
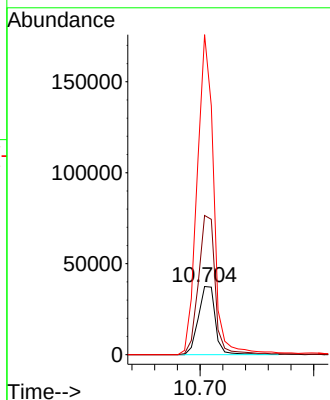
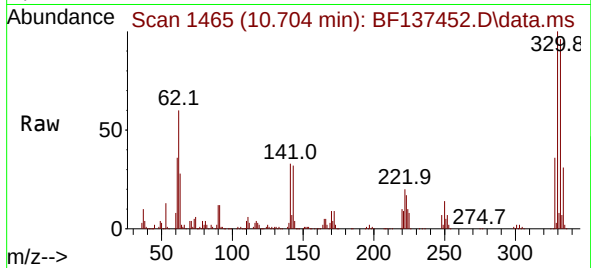




#67
4-Bromophenyl-phenylether
Concen: 3.649 ng
RT: 10.704 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

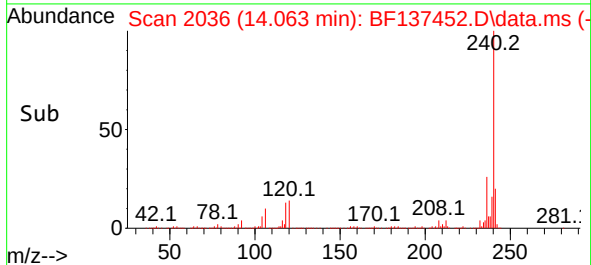
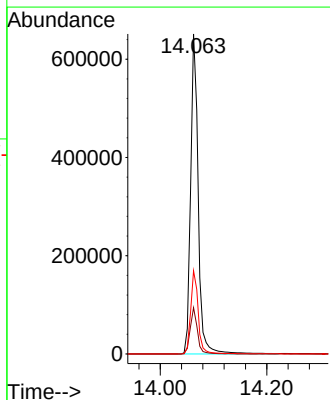
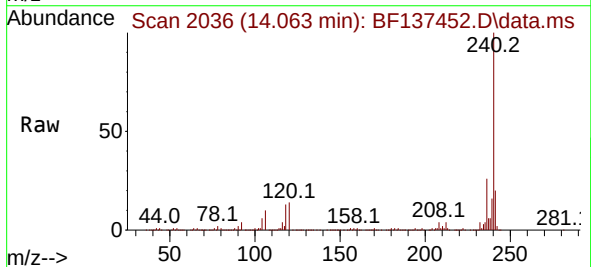
Instrument :
BNA_F
ClientSampleId :
PB159365BL

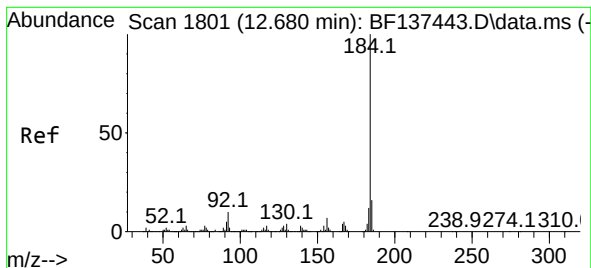
Tgt Ion:248 Resp: 39127
Ion Ratio Lower Upper
248 100
250 204.3 76.8 115.2#
141 469.8 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

Tgt Ion:240 Resp: 644902
Ion Ratio Lower Upper
240 100
120 14.5 10.4 15.6
236 26.0 20.9 31.3





#77

Benzidine

Concen: 2.379 ng

RT: 13.010 min Scan# 1857

Delta R.T. 0.253 min

Lab File: BF137452.D

Acq: 01 Mar 2024 10:56

Instrument :

BNA_F

ClientSampleId :

PB159365BL

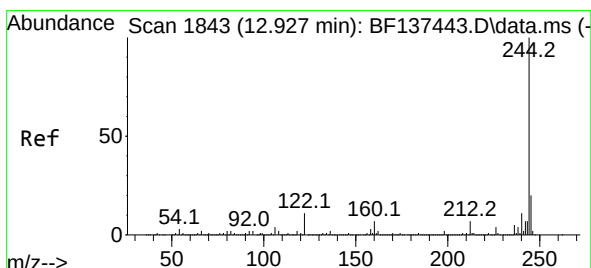
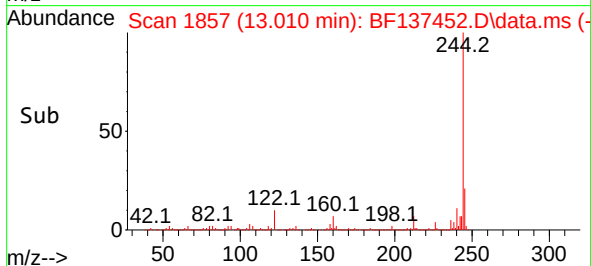
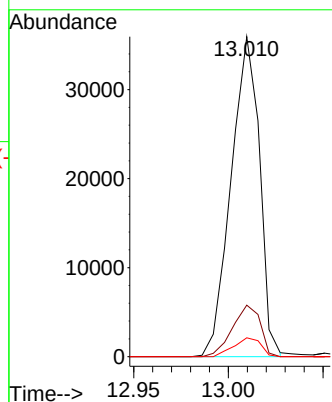
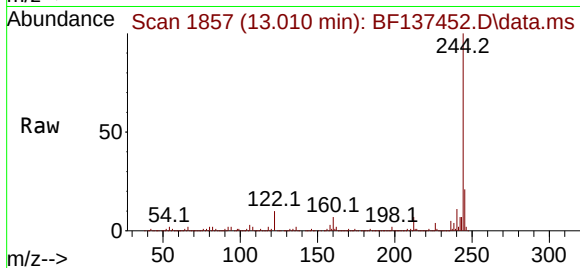
Tgt Ion:184 Resp: 37539

Ion Ratio Lower Upper

184 100

185 16.1 13.2 19.8

183 5.9 9.3 13.9#



#79

Terphenyl-d14

Concen: 69.192 ng

RT: 13.010 min Scan# 1857

Delta R.T. 0.000 min

Lab File: BF137452.D

Acq: 01 Mar 2024 10:56

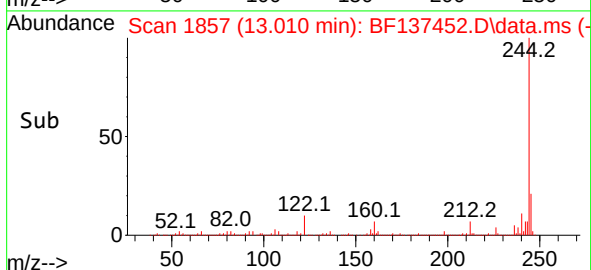
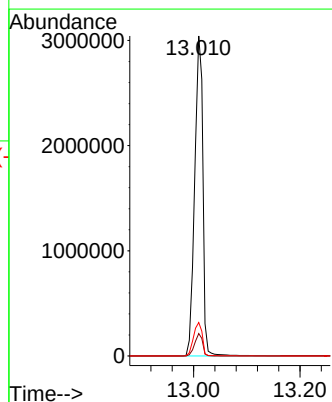
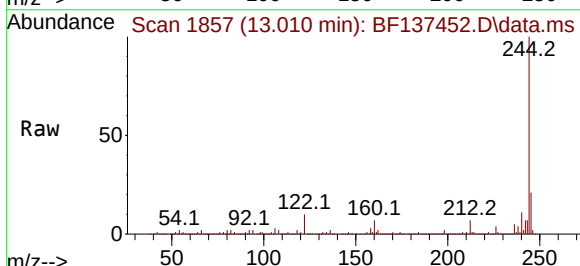
Tgt Ion:244 Resp: 3244990

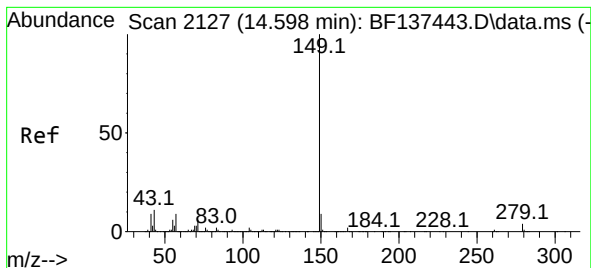
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 10.5 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.611 ng

RT: 14.686 min Scan# 2127

Delta R.T. 0.000 min

Lab File: BF137452.D

Acq: 01 Mar 2024 10:56

Instrument :

BNA_F

ClientSampleId :

PB159365BL

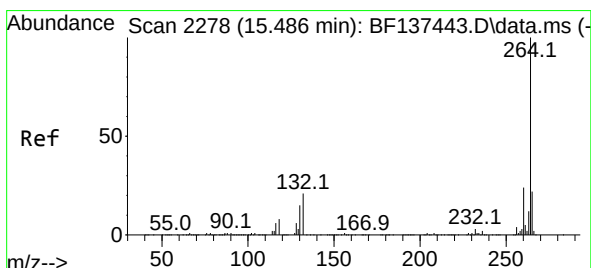
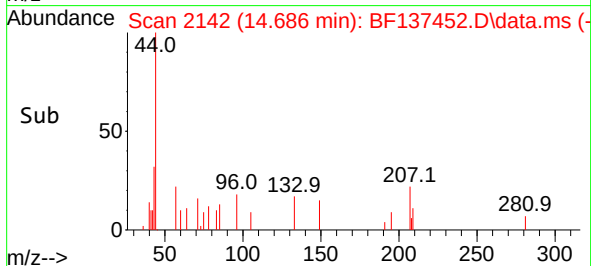
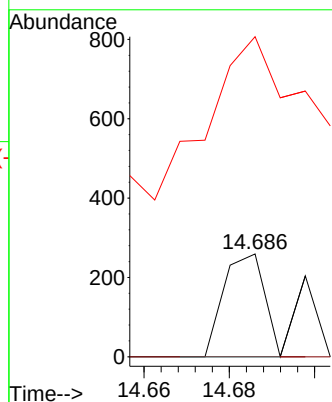
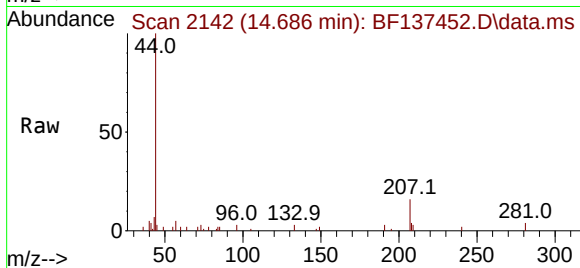
Tgt Ion:149 Resp: 173

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 650.9 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.598 min Scan# 2297

Delta R.T. 0.000 min

Lab File: BF137452.D

Acq: 01 Mar 2024 10:56

Tgt Ion:264 Resp: 487028

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 21.1 17.4 26.0

