

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031924\
 Data File : BF137645.D
 Acq On : 19 Mar 2024 13:40
 Operator : CG\JU
 Sample : PB159655BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159655BL

Quant Time: Mar 19 14:03:57 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)

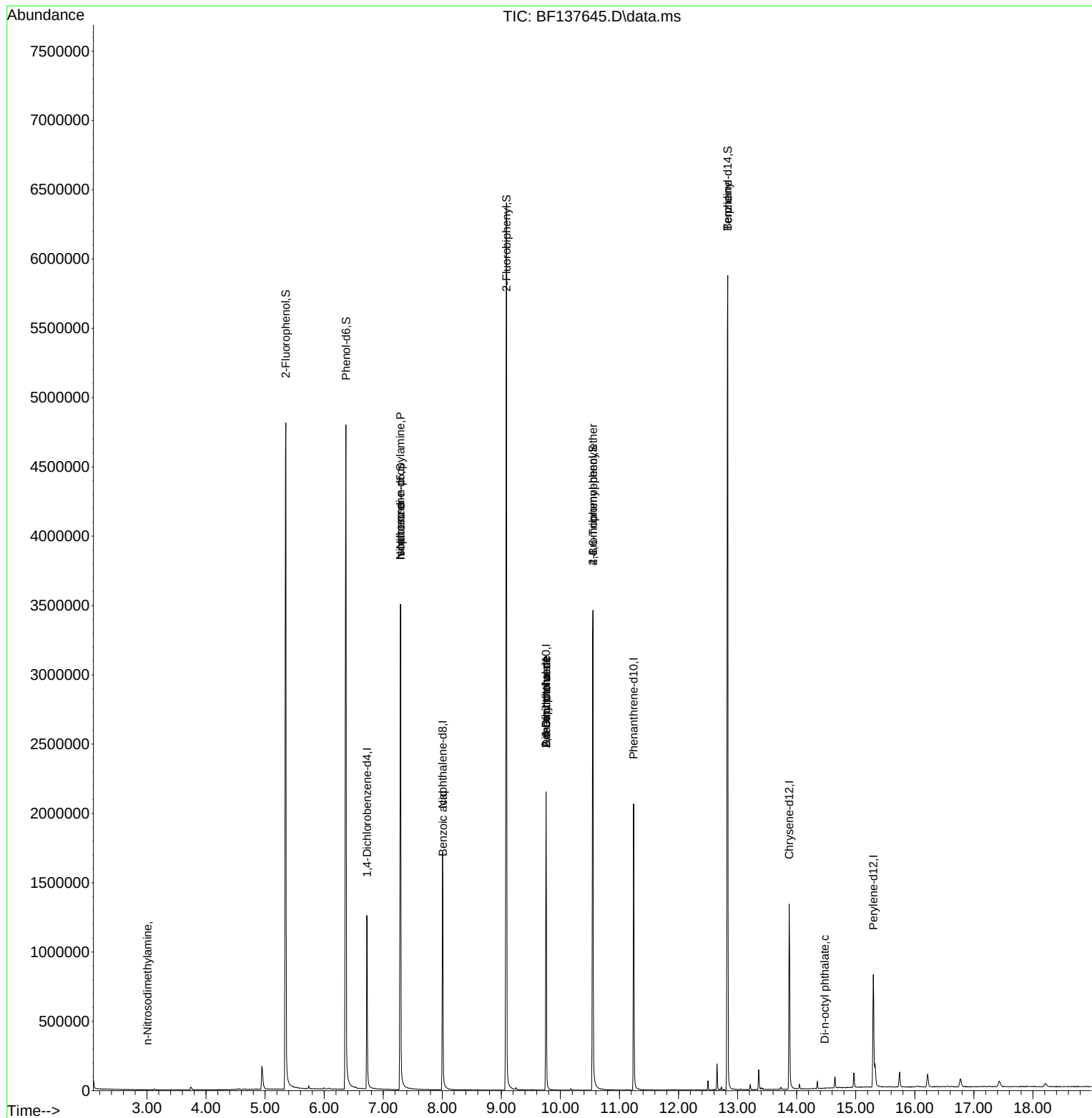
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	206459	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	818224	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	435382	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	749421	20.000	ng	0.00
76) Chrysene-d12	13.874	240	476432	20.000	ng	0.00
86) Perylene-d12	15.298	264	401313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1605660	117.788	ng	0.02
7) Phenol-d6	6.369	99	2135833	108.544	ng	0.00
23) Nitrobenzene-d5	7.292	82	1338912	76.032	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	492632	128.846	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2179437	78.359	ng	0.00
79) Terphenyl-d14	12.833	244	2406070	69.445	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.010	42	204	3.834	ng	# 1
19) n-Nitroso-di-n-propyla...	7.292	70	175284	14.426	ng	# 79
25) Isophorone	7.292	82	1338905	40.020	ng	# 69
32) Benzoic acid	8.010	122	186	6.320	ng	# 1
50) Dimethylphthalate	9.757	163	80231	2.647	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	53797	8.486	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	53797	6.908	ng	# 21
67) 4-Bromophenyl-phenylether	10.551	248	31690	3.882	ng	# 1
77) Benzidine	12.833	184	26807	2.299	ng	# 93
85) Di-n-octyl phthalate	14.474	149	685	5.628	ng	# 11

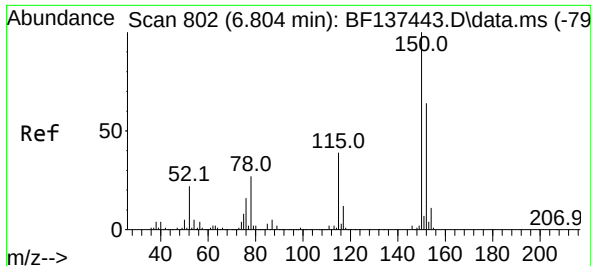
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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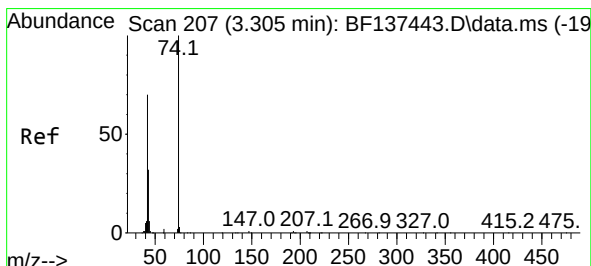
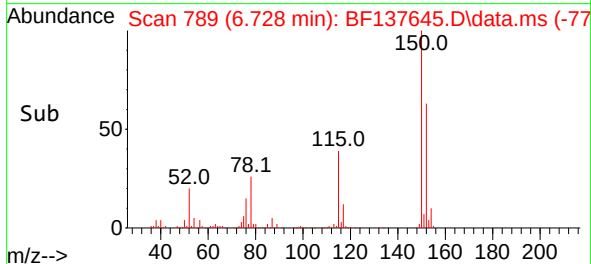
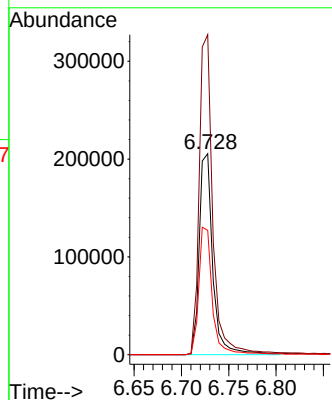
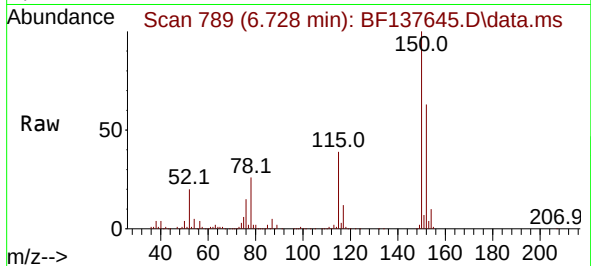




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137645.D
Acq: 19 Mar 2024 13:40

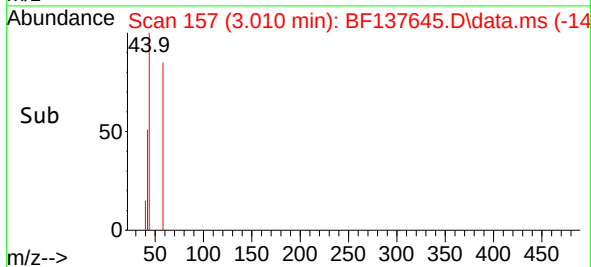
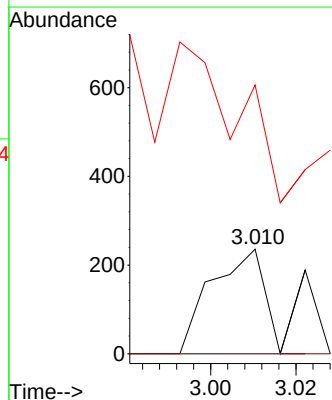
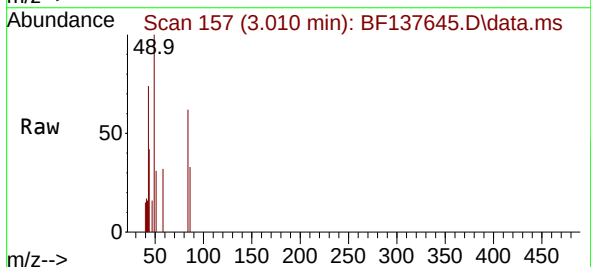
Instrument :
BNA_F
ClientSampleId :
PB159655BL

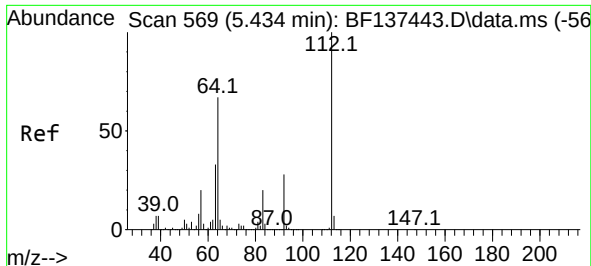
Tgt Ion:152 Resp: 206459
Ion Ratio Lower Upper
152 100
150 159.3 125.8 188.6
115 61.9 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.834 ng
RT: 3.010 min Scan# 157
Delta R.T. -0.029 min
Lab File: BF137645.D
Acq: 19 Mar 2024 13:40

Tgt Ion: 42 Resp: 204
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 256.8 7.0 10.4#

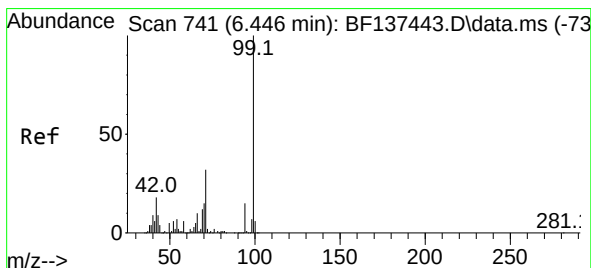
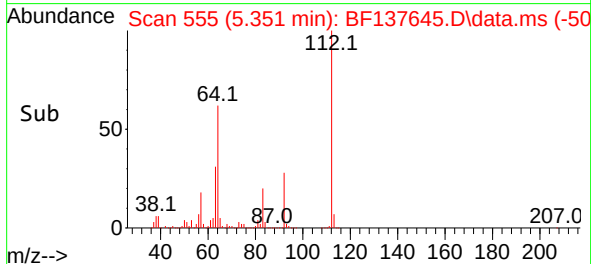
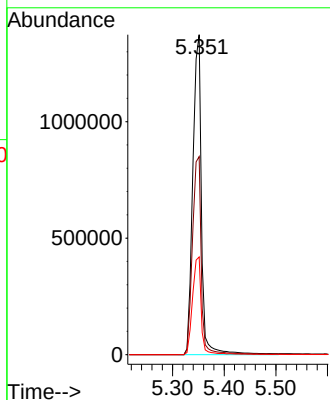
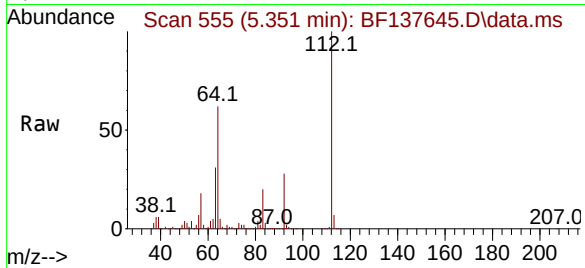




#5
2-Fluorophenol
Concen: 117.788 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137645.D
Acq: 19 Mar 2024 13:40

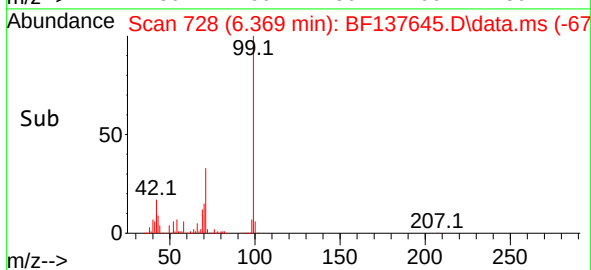
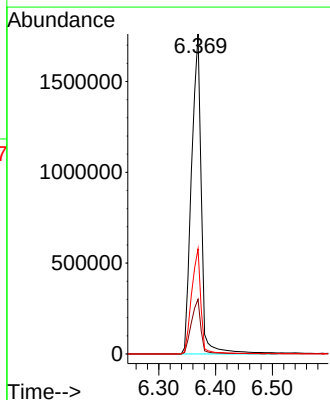
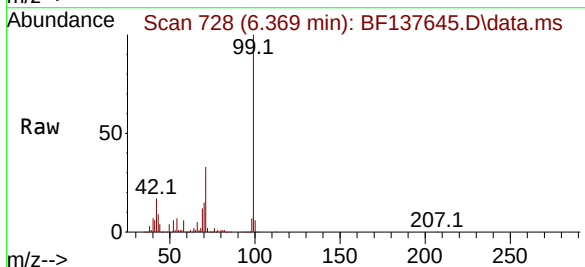
Instrument :
BNA_F
ClientSampleId :
PB159655BL

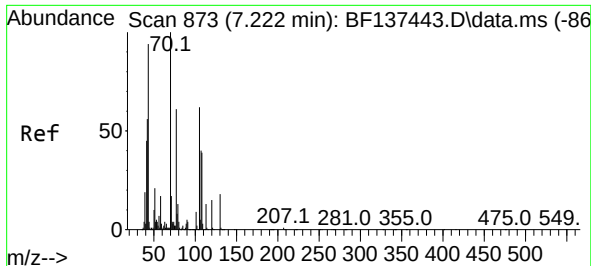
Tgt Ion:112 Resp: 1605660
Ion Ratio Lower Upper
112 100
64 61.9 53.4 80.2
63 30.6 26.2 39.2



#7
Phenol-d6
Concen: 108.544 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF137645.D
Acq: 19 Mar 2024 13:40

Tgt Ion: 99 Resp: 2135833
Ion Ratio Lower Upper
99 100
42 17.1 14.6 21.8
71 32.9 25.3 37.9



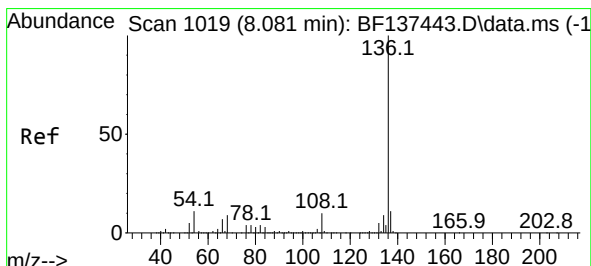
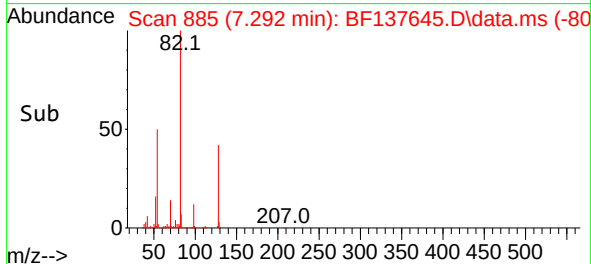
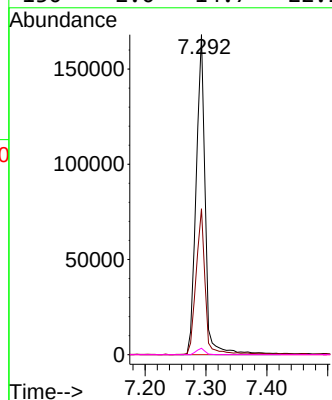
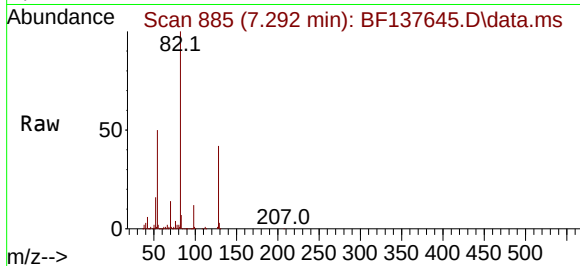


#19
n-Nitroso-di-n-propylamine
Concen: 14.426 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF137645.D
Acq: 19 Mar 2024 13:40

Instrument :
BNA_F
ClientSampleId :
PB159655BL

Tgt Ion: 70 Resp: 175284

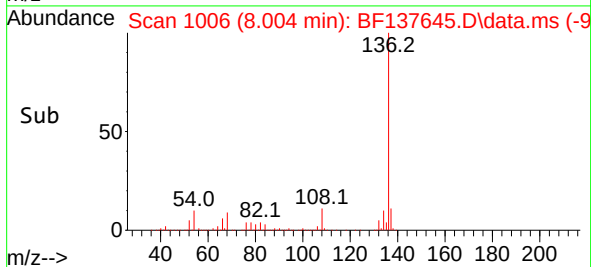
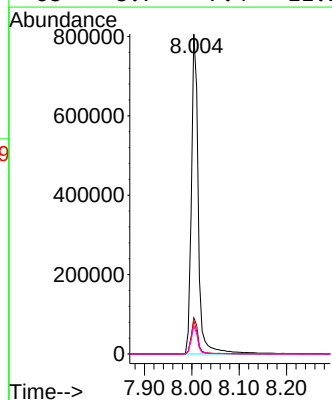
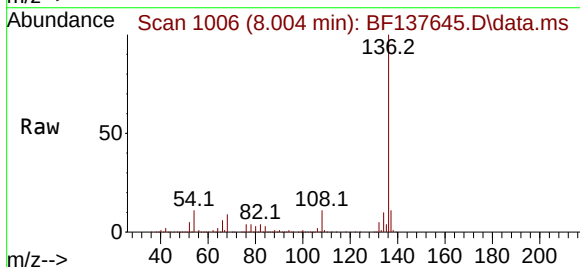
Ion	Ratio	Lower	Upper
70	100		
42	45.6	45.2	67.8
101	0.0	7.3	10.9#
130	2.0	14.7	22.1#

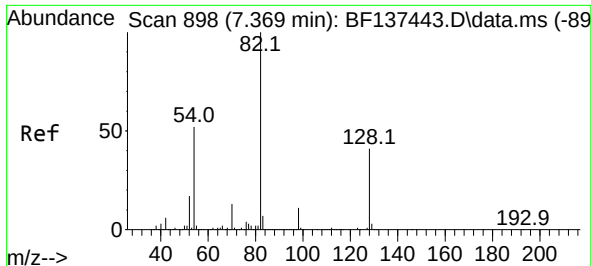


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137645.D
Acq: 19 Mar 2024 13:40

Tgt Ion: 136 Resp: 818224

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.5	8.5	12.7
68	8.7	7.4	11.2





#23

Nitrobenzene-d5

Concen: 76.032 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF137645.D

Acq: 19 Mar 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB159655BL

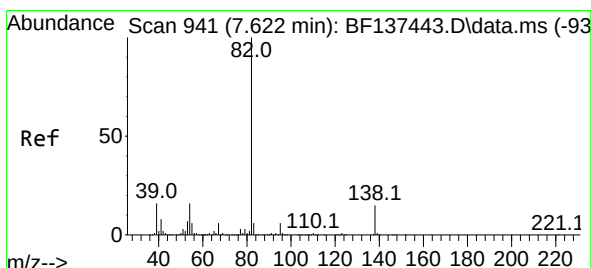
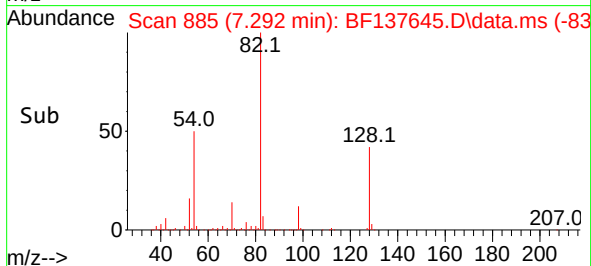
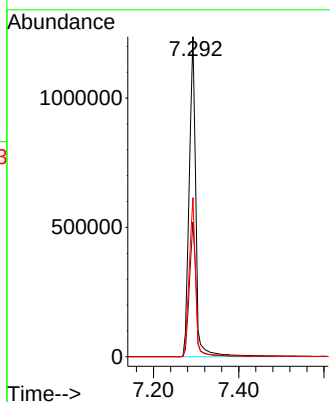
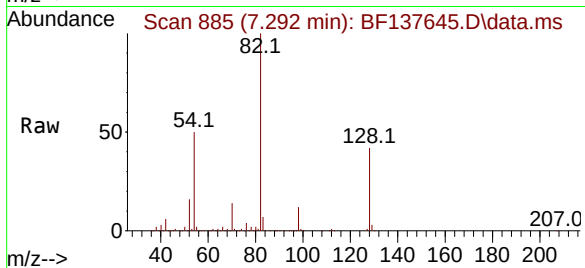
Tgt Ion: 82 Resp: 1338912

Ion Ratio Lower Upper

82 100

128 42.1 32.5 48.7

54 49.7 41.5 62.3



#25

Isophorone

Concen: 40.020 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.259 min

Lab File: BF137645.D

Acq: 19 Mar 2024 13:40

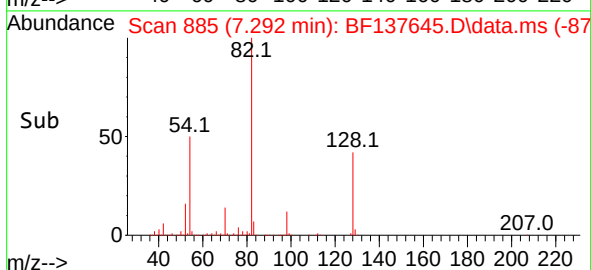
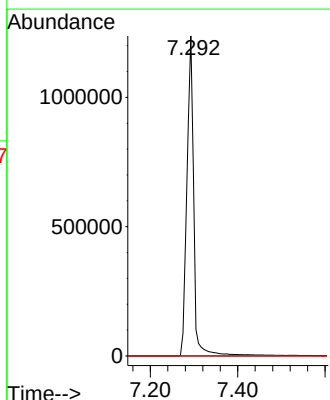
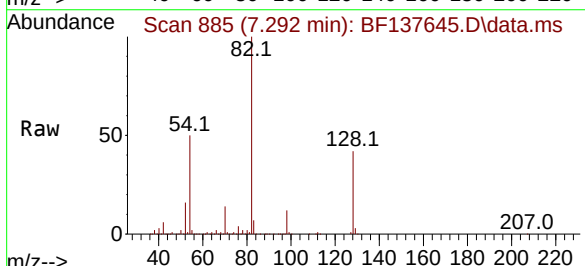
Tgt Ion: 82 Resp: 1338905

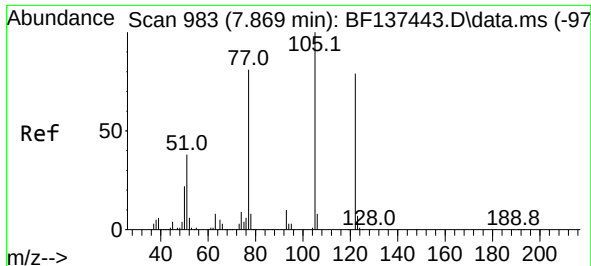
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

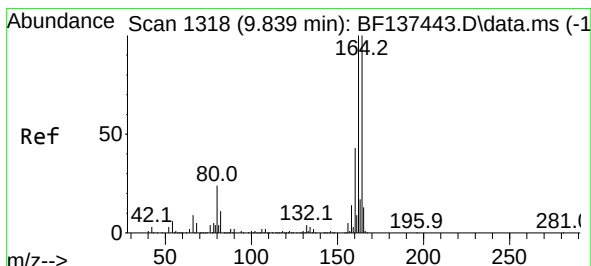
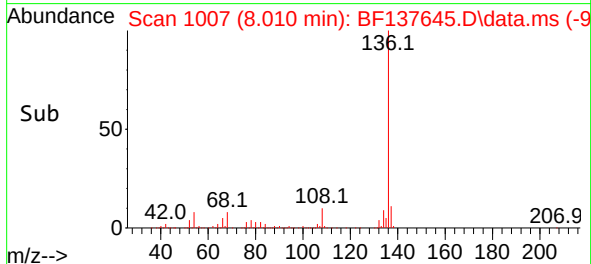
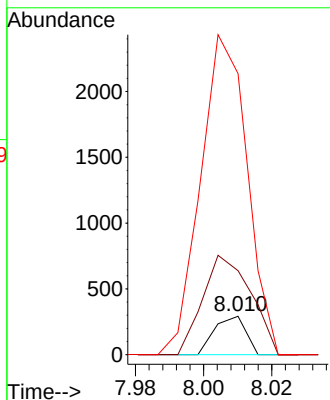
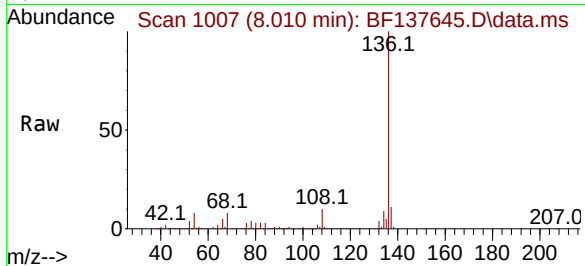




#32
Benzoic acid
Concen: 6.320 ng
RT: 8.010 min Scan# 10
Delta R.T. 0.212 min
Lab File: BF137645.D
Acq: 19 Mar 2024 13:40

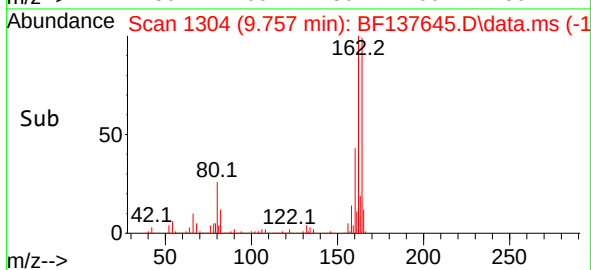
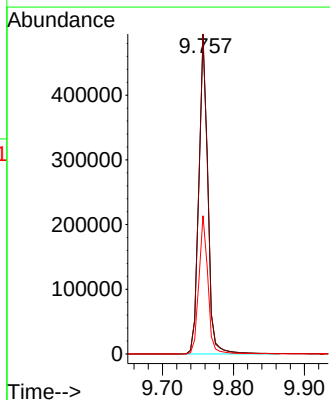
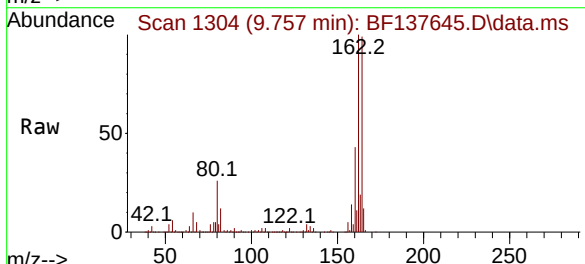
Instrument :
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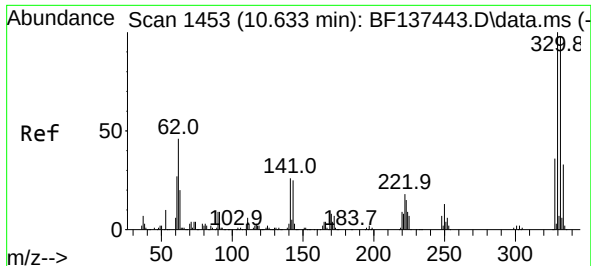
Tgt Ion:122 Resp: 186
Ion Ratio Lower Upper
122 100
105 218.8 102.4 142.4#
77 731.8 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137645.D
Acq: 19 Mar 2024 13:40

Tgt Ion:164 Resp: 435382
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.8
160 43.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 128.846 ng

RT: 10.551 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF137645.D

Acq: 19 Mar 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB159655BL

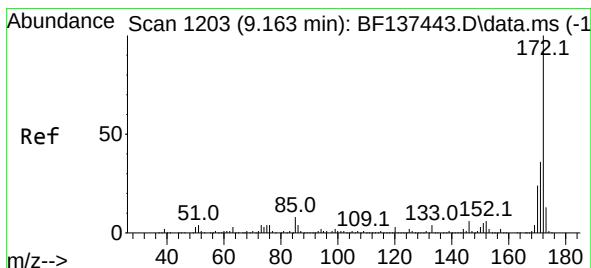
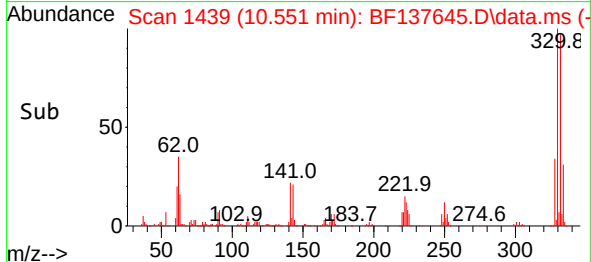
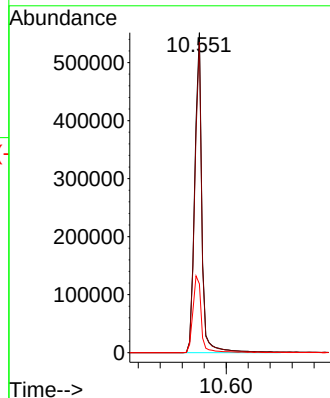
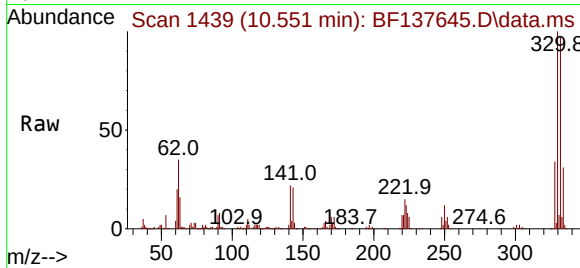
Tgt Ion:330 Resp: 492632

Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

141 28.4 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 78.359 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137645.D

Acq: 19 Mar 2024 13:40

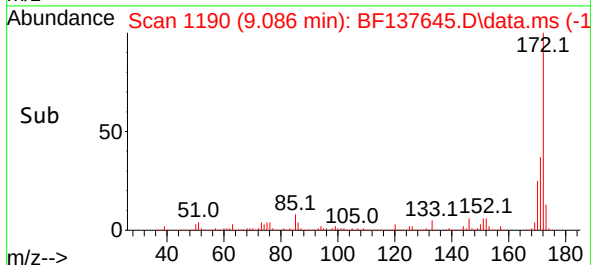
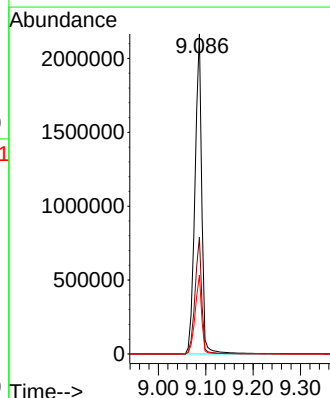
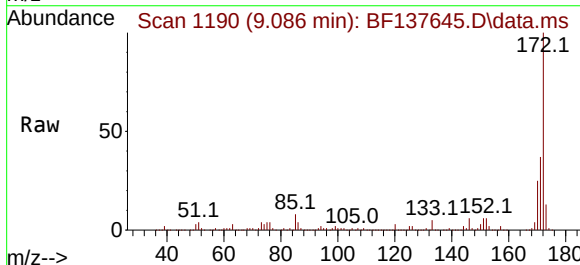
Tgt Ion:172 Resp: 2179437

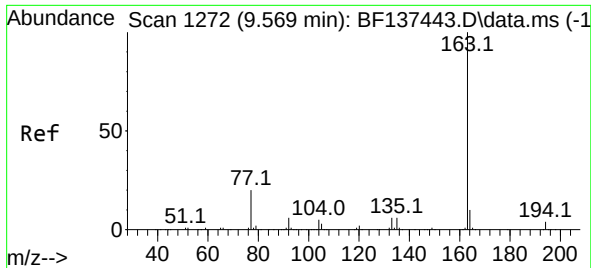
Ion Ratio Lower Upper

172 100

171 36.5 28.5 42.7

170 24.7 19.0 28.6

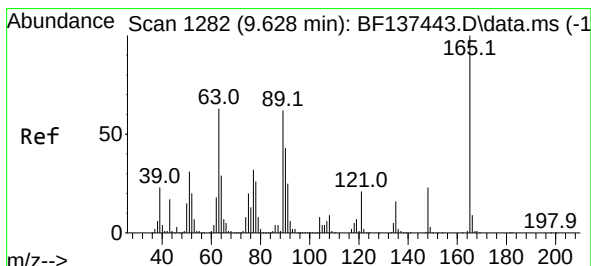
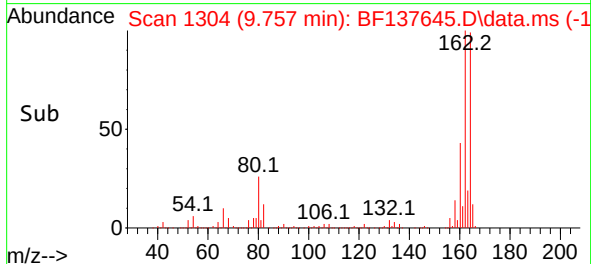
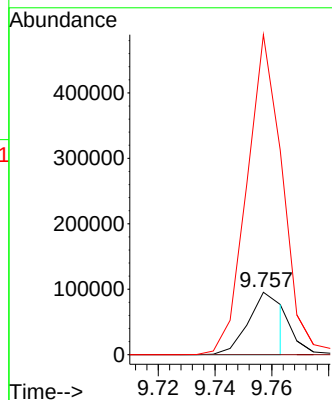
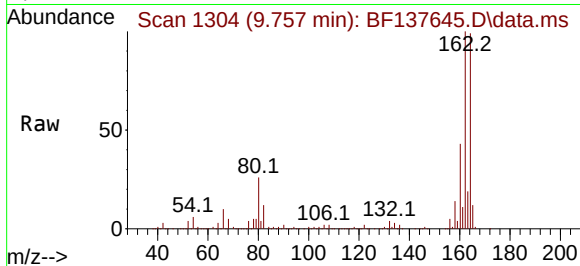




#50
 Dimethylphthalate
 Concen: 2.647 ng
 RT: 9.757 min Scan# 11
 Delta R.T. 0.265 min
 Lab File: BF137645.D
 Acq: 19 Mar 2024 13:40

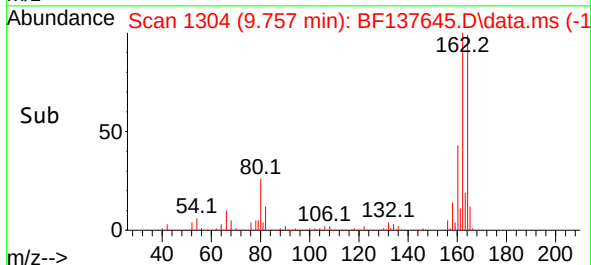
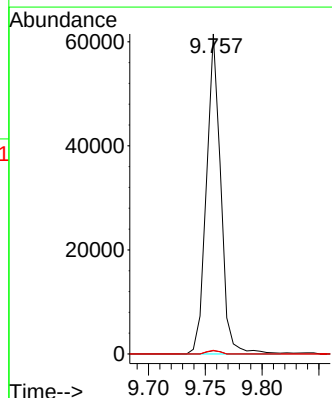
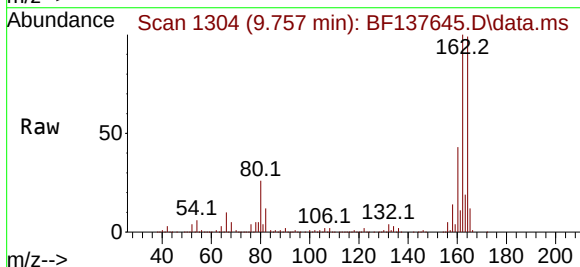
Instrument :
 BNA_F
 ClientSampleId :
 PB159655BL

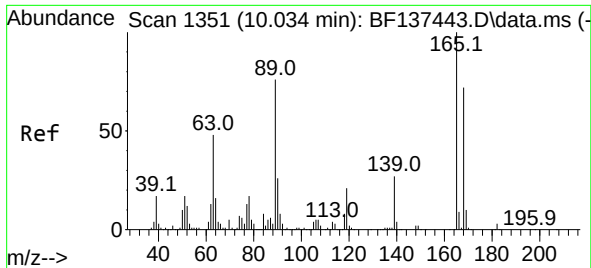
Tgt Ion:163 Resp: 80231
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.3 4.9#
 164 512.9 8.1 12.1#



#51
 2,6-Dinitrotoluene
 Concen: 8.486 ng
 RT: 9.757 min Scan# 1304
 Delta R.T. 0.206 min
 Lab File: BF137645.D
 Acq: 19 Mar 2024 13:40

Tgt Ion:165 Resp: 53797
 Ion Ratio Lower Upper
 165 100
 63 1.0 50.7 76.1#
 89 1.2 50.0 75.0#

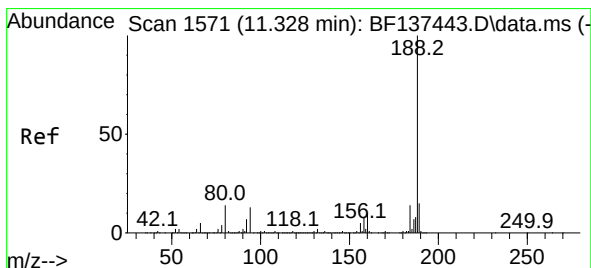
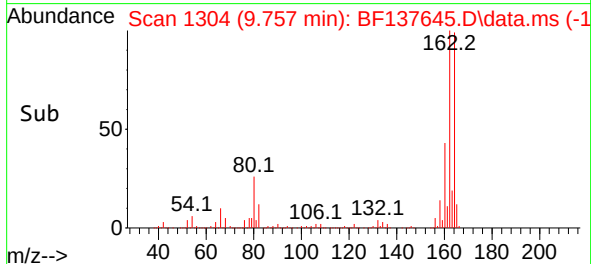
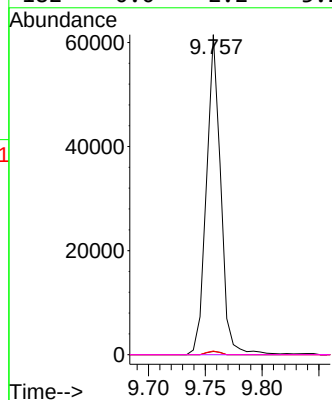
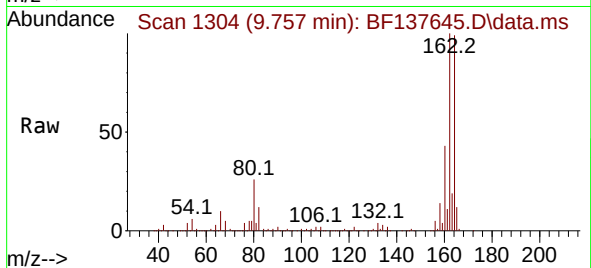




#57
2,4-Dinitrotoluene
Concen: 6.908 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137645.D
Acq: 19 Mar 2024 13:40

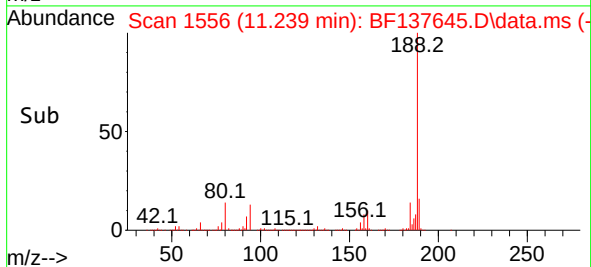
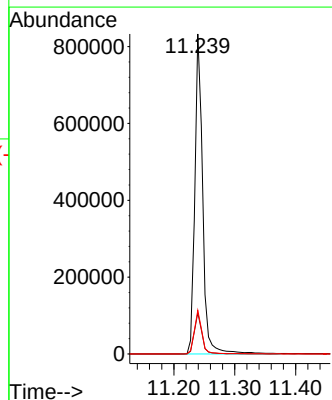
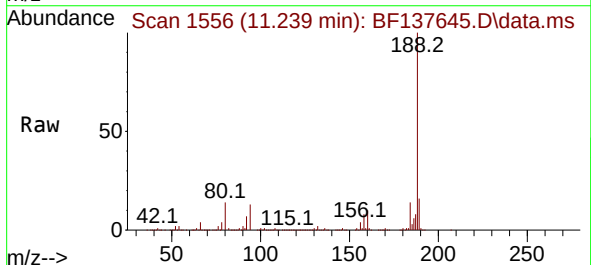
Instrument :
BNA_F
ClientSampleId :
PB159655BL

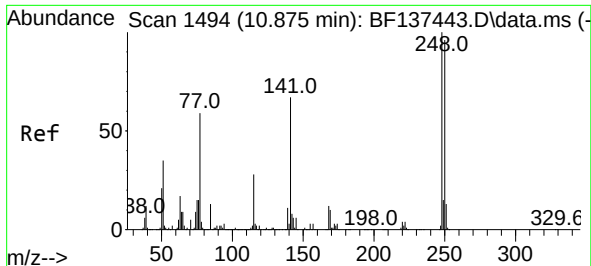
Tgt Ion:165 Resp: 53797
Ion Ratio Lower Upper
165 100
63 1.0 39.0 58.6#
89 1.2 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF137645.D
Acq: 19 Mar 2024 13:40

Tgt Ion:188 Resp: 749421
Ion Ratio Lower Upper
188 100
94 12.9 10.6 15.8
80 13.7 11.5 17.3

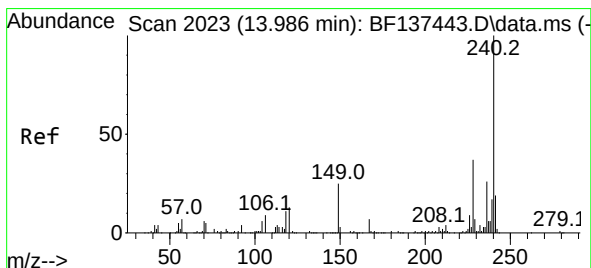
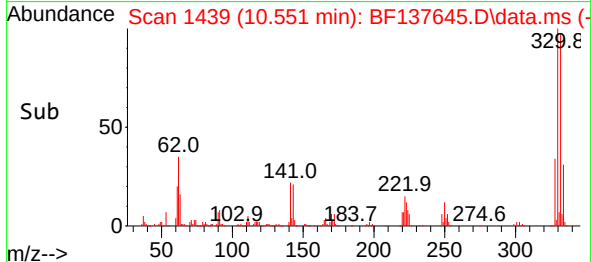
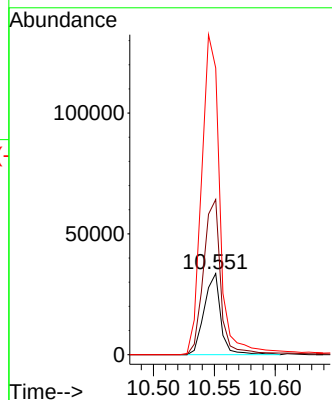
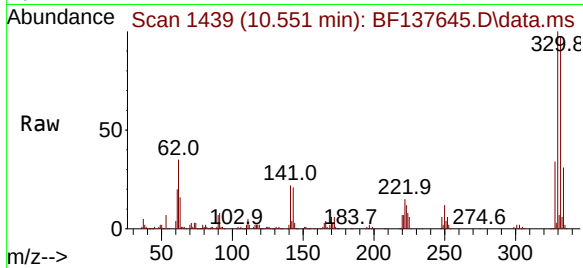




#67
4-Bromophenyl-phenylether
Concen: 3.882 ng
RT: 10.551 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF137645.D
Acq: 19 Mar 2024 13:40

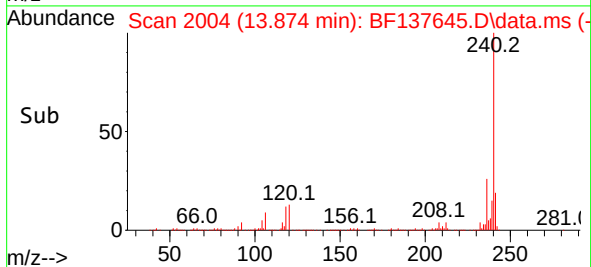
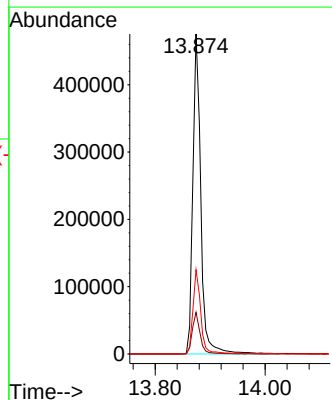
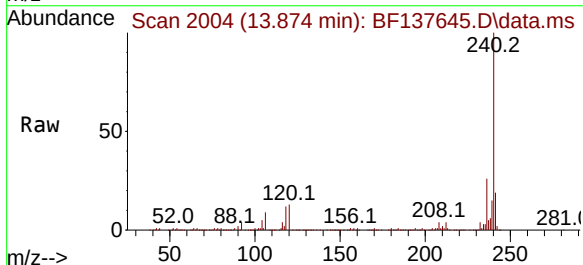
Instrument :
BNA_F
ClientSampleId :
PB159655BL

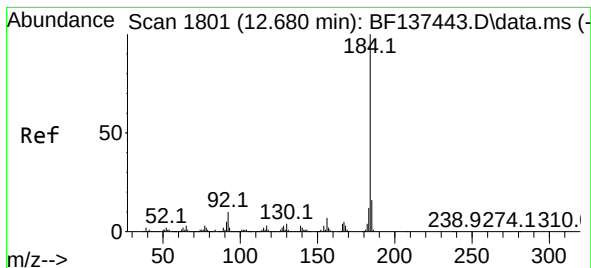
Tgt Ion:248 Resp: 31690
Ion Ratio Lower Upper
248 100
250 191.3 76.8 115.2#
141 353.3 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137645.D
Acq: 19 Mar 2024 13:40

Tgt Ion:240 Resp: 476432
Ion Ratio Lower Upper
240 100
120 13.0 10.4 15.6
236 26.3 20.9 31.3





#77

Benzidine

Concen: 2.299 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.253 min

Lab File: BF137645.D

Acq: 19 Mar 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB159655BL

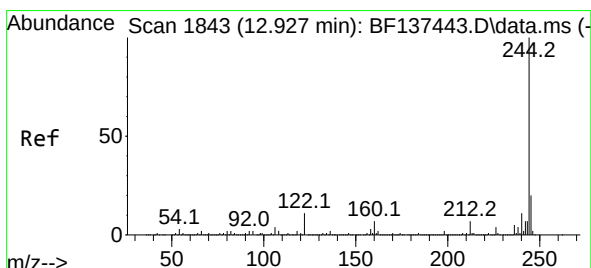
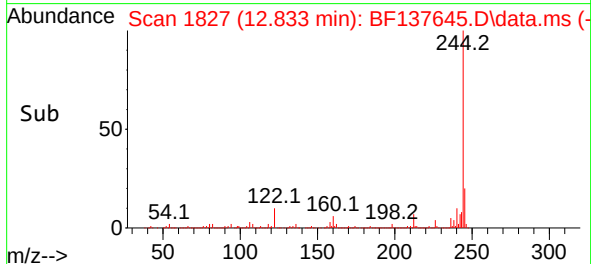
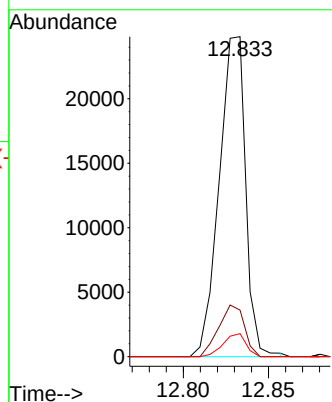
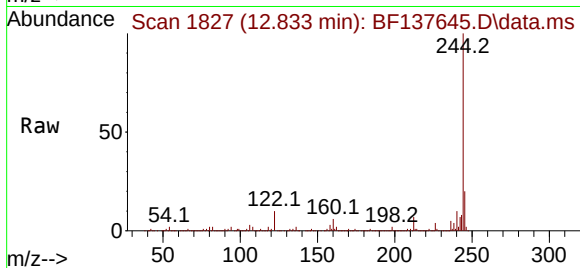
Tgt Ion:184 Resp: 26807

Ion Ratio Lower Upper

184 100

185 14.5 13.2 19.8

183 7.2 9.3 13.9#



#79

Terphenyl-d14

Concen: 69.445 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF137645.D

Acq: 19 Mar 2024 13:40

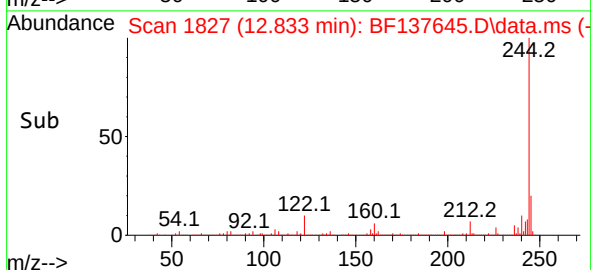
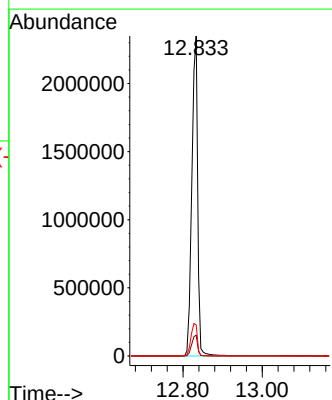
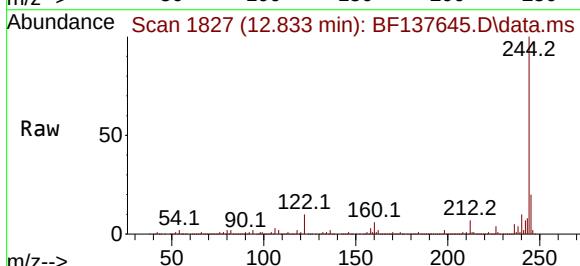
Tgt Ion:244 Resp: 2406070

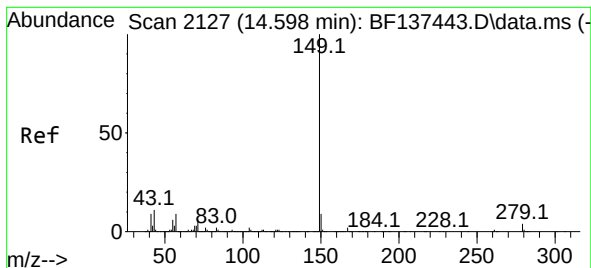
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 9.7 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.628 ng

RT: 14.474 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF137645.D

Acq: 19 Mar 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB159655BL

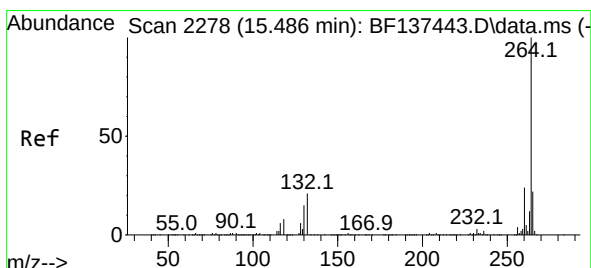
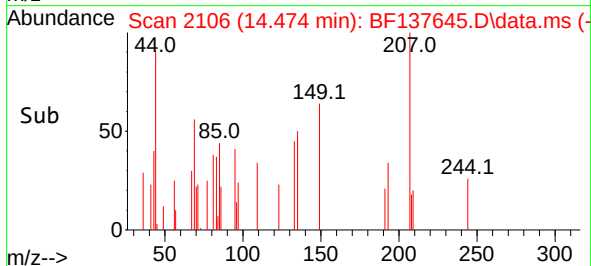
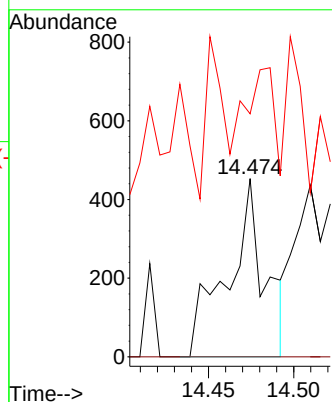
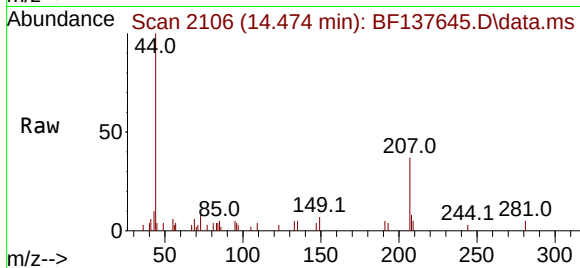
Tgt Ion:149 Resp: 685

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 50.8 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.000 min

Lab File: BF137645.D

Acq: 19 Mar 2024 13:40

Tgt Ion:264 Resp: 401313

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.6 17.4 26.0

