

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
 Data File : BF137678.D
 Acq On : 22 Mar 2024 13:09
 Operator : CG\JU
 Sample : PB159737BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159737BL

Quant Time: Mar 22 13:29:24 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)

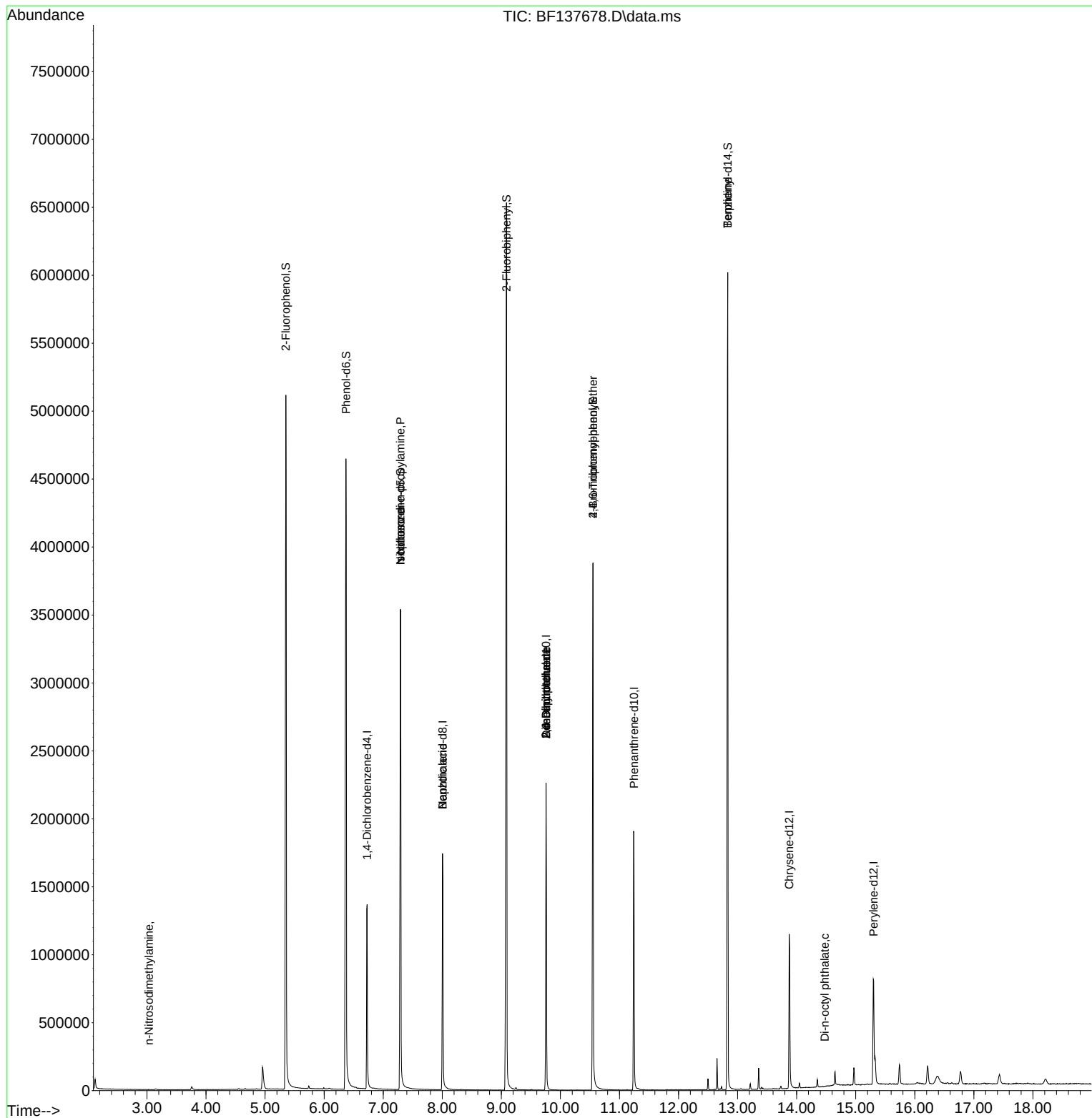
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	223147	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	875292	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	465734	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	785572	20.000	ng	0.00
76) Chrysene-d12	13.874	240	431500	20.000	ng	0.00
86) Perylene-d12	15.304	264	405074	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1715969	116.466	ng	0.02
7) Phenol-d6	6.369	99	2285682	107.473	ng	0.00
23) Nitrobenzene-d5	7.292	82	1449652	76.953	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	518156	126.690	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2373551	79.777	ng	0.00
79) Terphenyl-d14	12.833	244	2312493	73.695	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.034	42	372	3.852	ng	# 1
19) n-Nitroso-di-n-propyla...	7.292	70	190119	14.476	ng	# 78
25) Isophorone	7.292	82	1449642	40.505	ng	# 69
32) Benzoic acid	8.004	122	204	6.321	ng	# 1
50) Dimethylphthalate	9.757	163	83723	2.582	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	58952	8.694	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	59013	7.083	ng	# 21
67) 4-Bromophenyl-phenylether	10.551	248	32979	3.854	ng	# 1
77) Benzidine	12.833	184	25221	2.388	ng	# 95
85) Di-n-octyl phthalate	14.474	149	680	5.630	ng	# 67

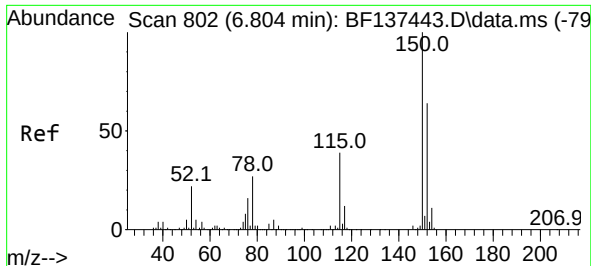
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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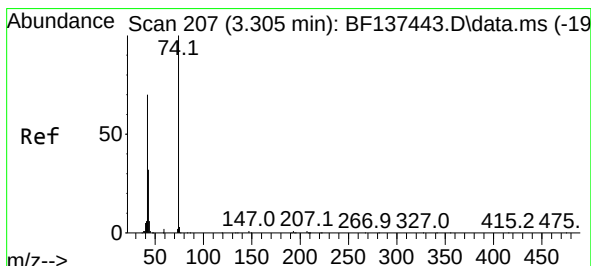
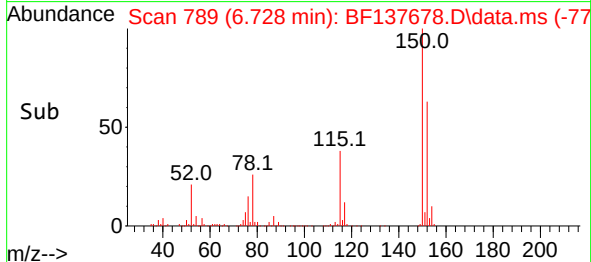
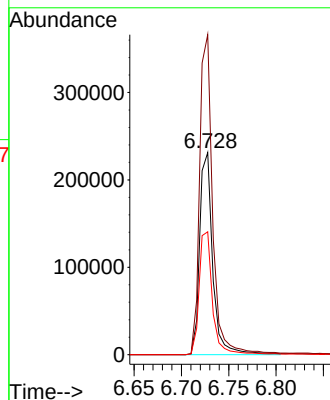
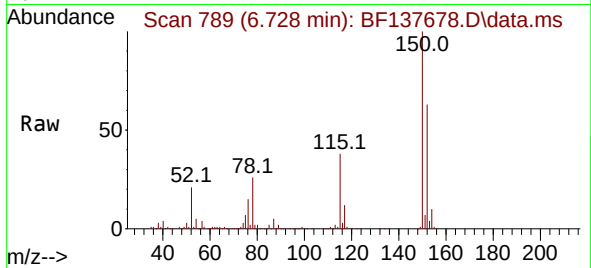




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137678.D
Acq: 22 Mar 2024 13:09

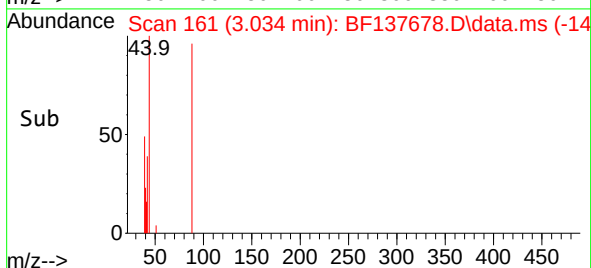
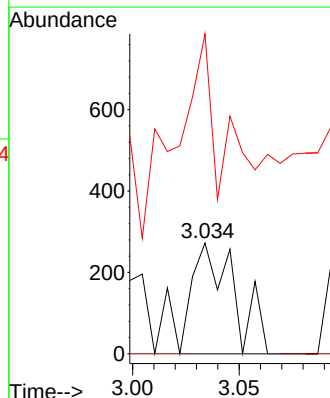
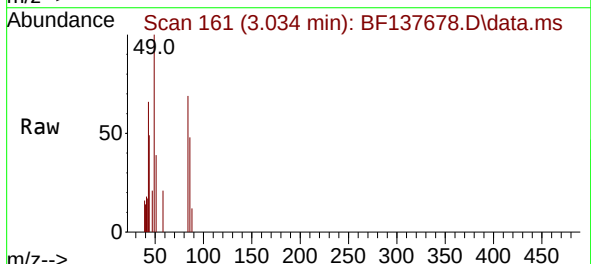
Instrument :
BNA_F
ClientSampleId :
PB159737BL

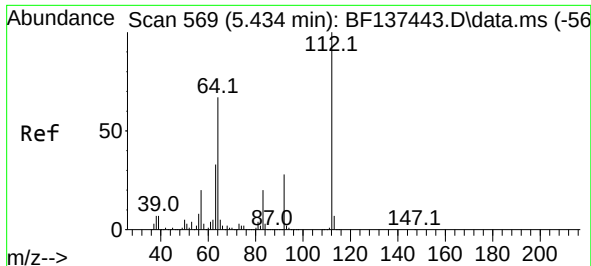
Tgt Ion:152 Resp: 223147
Ion Ratio Lower Upper
152 100
150 158.3 125.8 188.6
115 60.8 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.852 ng
RT: 3.034 min Scan# 161
Delta R.T. -0.006 min
Lab File: BF137678.D
Acq: 22 Mar 2024 13:09

Tgt Ion: 42 Resp: 372
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 289.0 7.0 10.4#

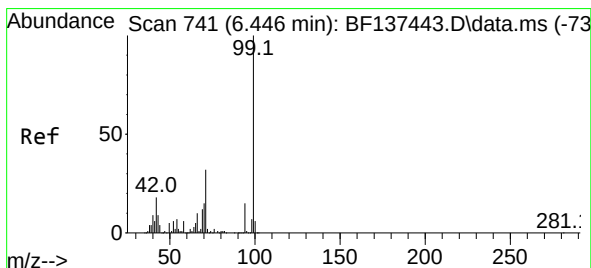
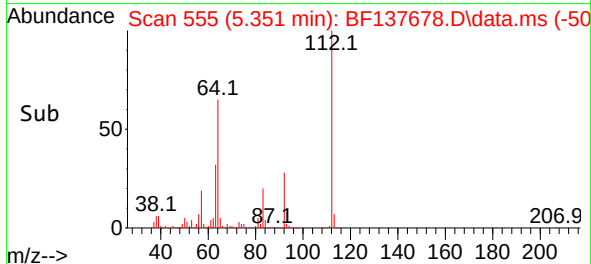
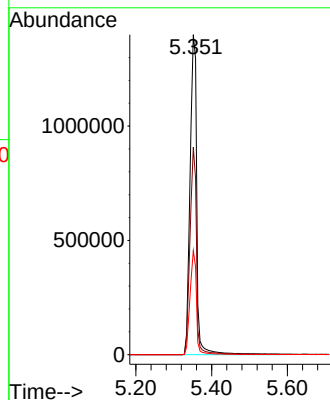
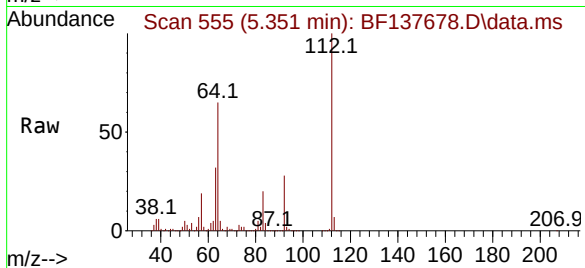




#5
2-Fluorophenol
Concen: 116.466 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137678.D
Acq: 22 Mar 2024 13:09

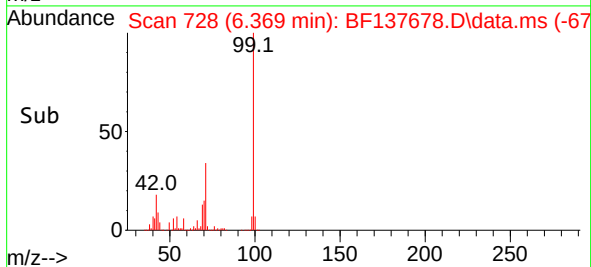
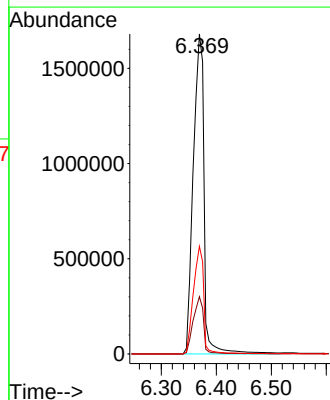
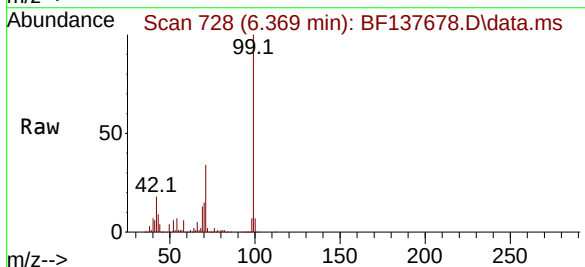
Instrument :
BNA_F
ClientSampleId :
PB159737BL

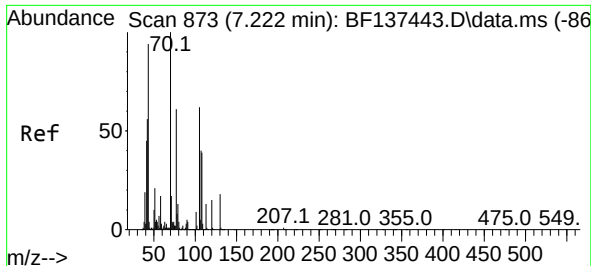
Tgt Ion:112 Resp: 1715969
Ion Ratio Lower Upper
112 100
64 64.8 53.4 80.2
63 32.5 26.2 39.2



#7
Phenol-d6
Concen: 107.473 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF137678.D
Acq: 22 Mar 2024 13:09

Tgt Ion: 99 Resp: 2285682
Ion Ratio Lower Upper
99 100
42 17.9 14.6 21.8
71 33.7 25.3 37.9

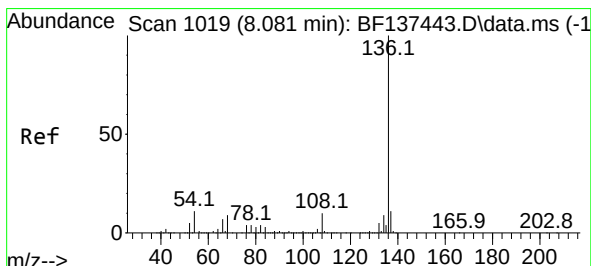
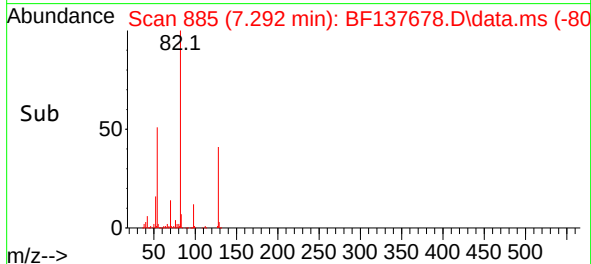
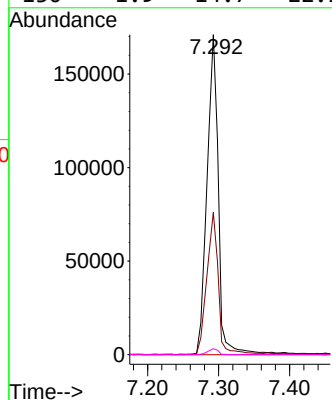
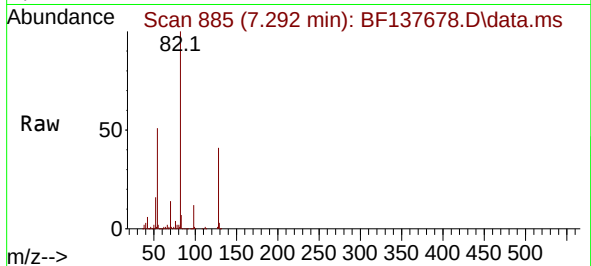




#19
n-Nitroso-di-n-propylamine
Concen: 14.476 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF137678.D
Acq: 22 Mar 2024 13:09

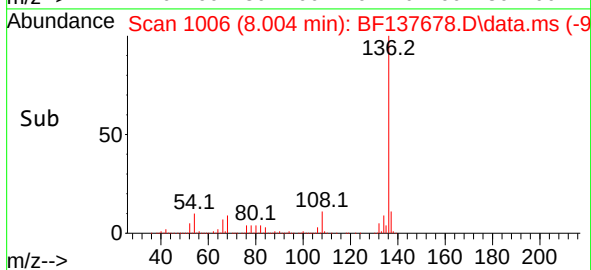
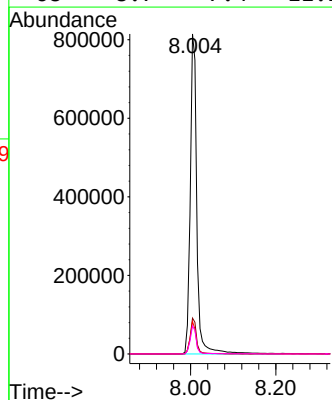
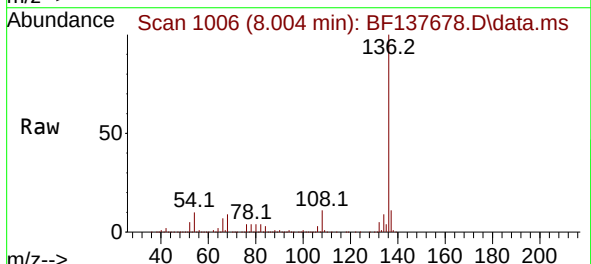
Instrument :
BNA_F
ClientSampleId :
PB159737BL

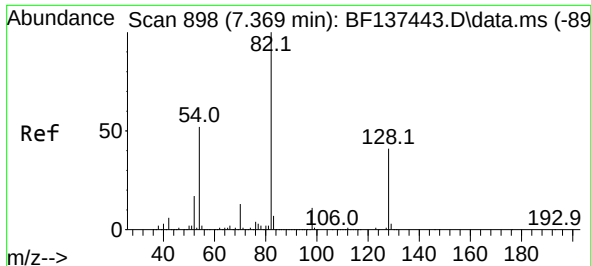
Tgt Ion: 70 Resp: 190119
Ion Ratio Lower Upper
70 100
42 44.5 45.2 67.8#
101 0.0 7.3 10.9#
130 1.9 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137678.D
Acq: 22 Mar 2024 13:09

Tgt Ion: 136 Resp: 875292
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 10.2 8.5 12.7
68 8.7 7.4 11.2





#23

Nitrobenzene-d5

Concen: 76.953 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF137678.D

Acq: 22 Mar 2024 13:09

Instrument :

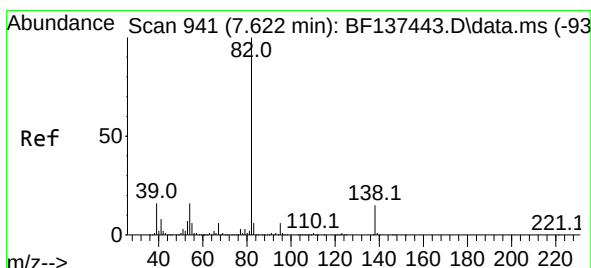
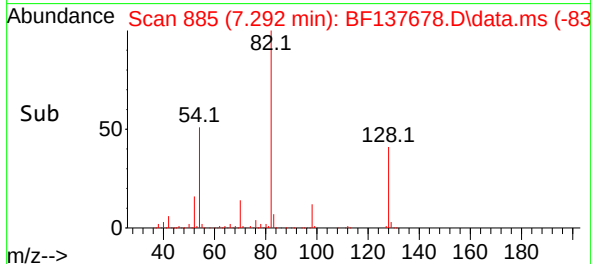
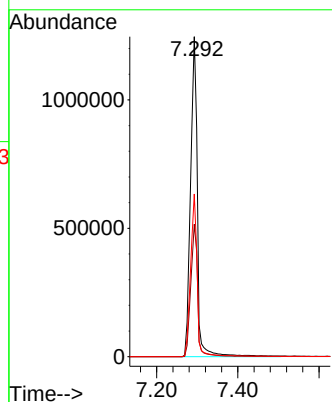
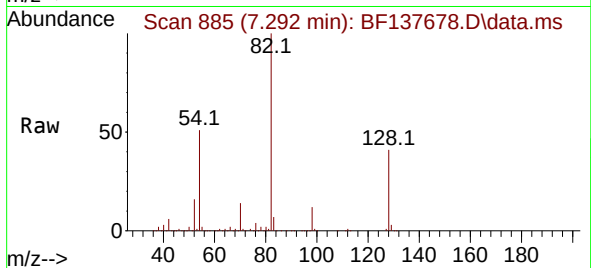
BNA_F

ClientSampleId :

PB159737BL

Tgt Ion: 82 Resp: 1449652

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.5	48.7
54	50.9	41.5	62.3



#25

Isophorone

Concen: 40.505 ng

RT: 7.292 min Scan# 885

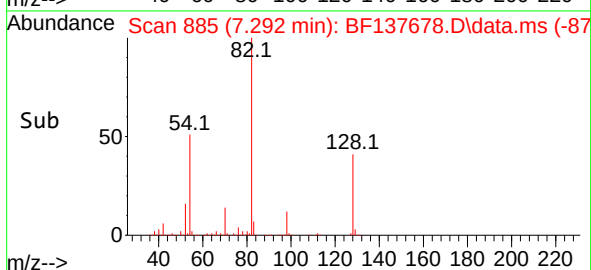
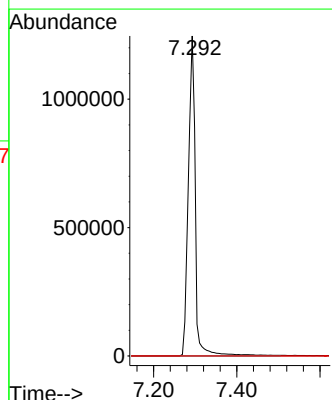
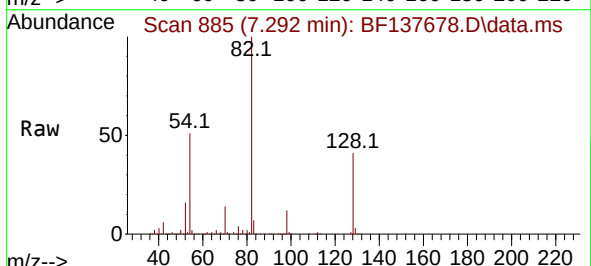
Delta R.T. -0.259 min

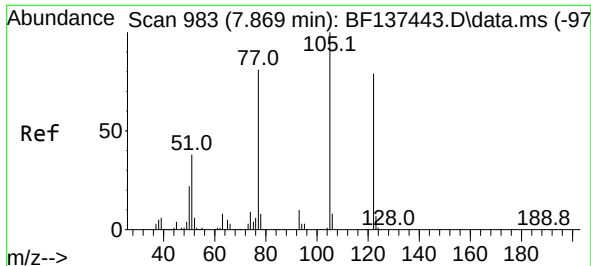
Lab File: BF137678.D

Acq: 22 Mar 2024 13:09

Tgt Ion: 82 Resp: 1449642

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	11.8	17.8#

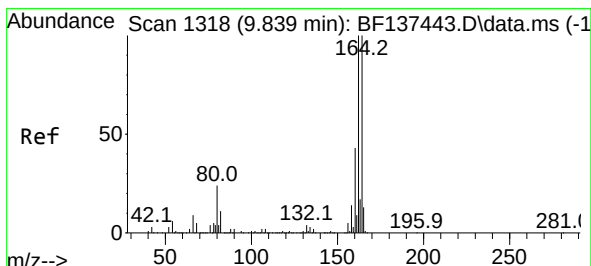
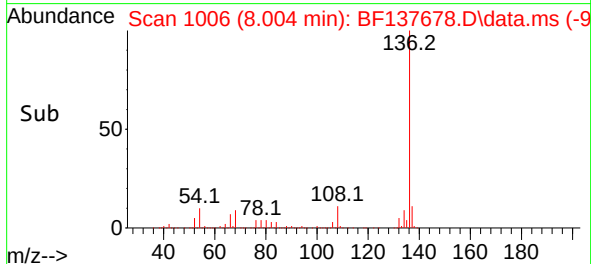
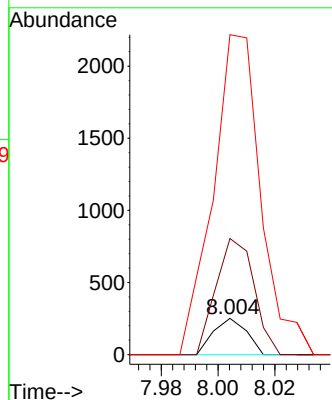
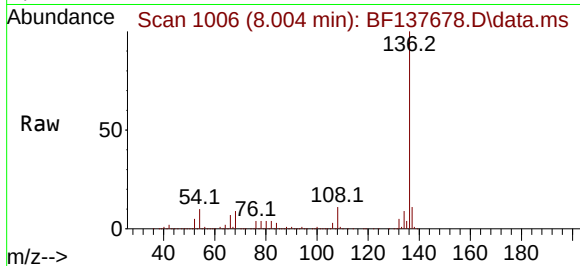




#32
Benzoic acid
Concen: 6.321 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.206 min
Lab File: BF137678.D
Acq: 22 Mar 2024 13:09

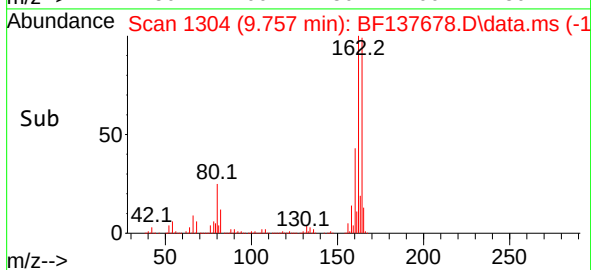
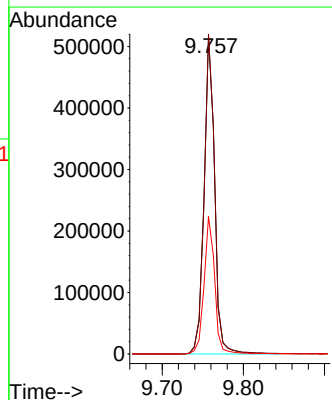
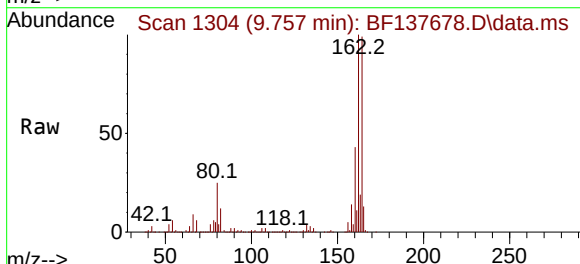
Instrument :
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PB159737BL

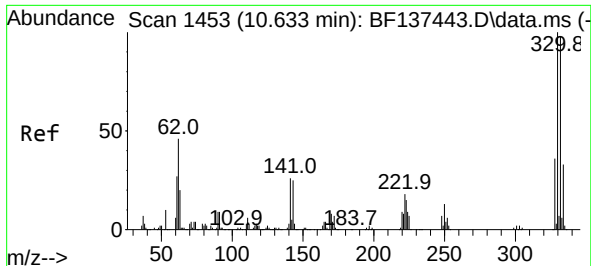
Tgt Ion:122 Resp: 204
Ion Ratio Lower Upper
122 100
105 320.7 102.4 142.4#
77 883.7 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137678.D
Acq: 22 Mar 2024 13:09

Tgt Ion:164 Resp: 465734
Ion Ratio Lower Upper
164 100
162 100.8 79.8 119.8
160 43.3 34.4 51.6

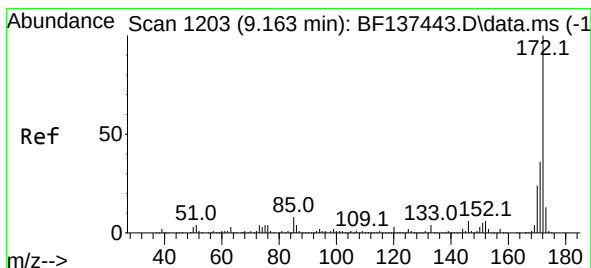
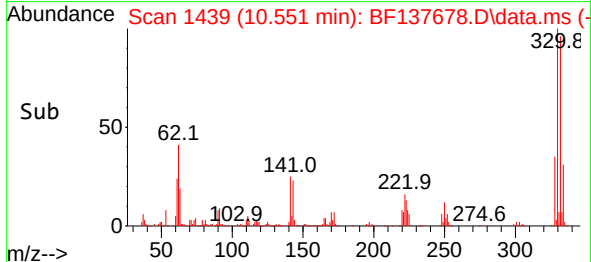
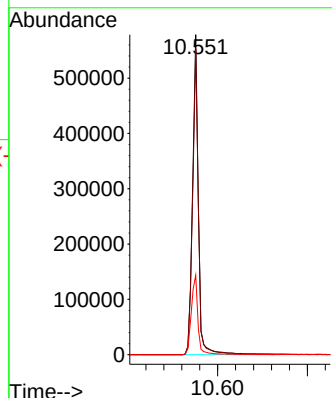
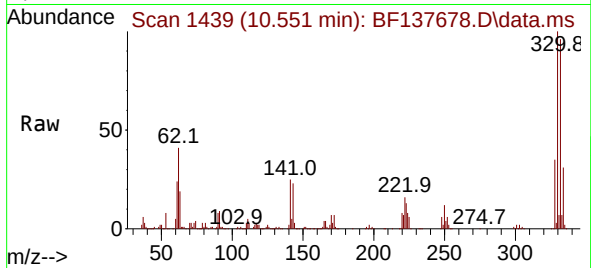




#42
 2,4,6-Tribromophenol
 Concen: 126.690 ng
 RT: 10.551 min Scan# 1453
 Delta R.T. -0.000 min
 Lab File: BF137678.D
 Acq: 22 Mar 2024 13:09

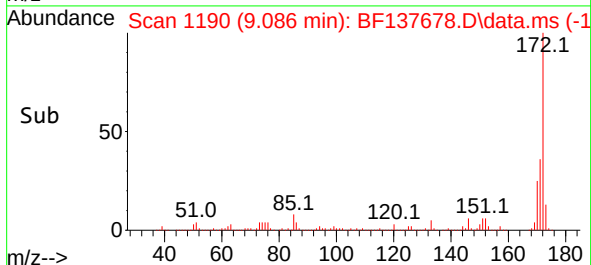
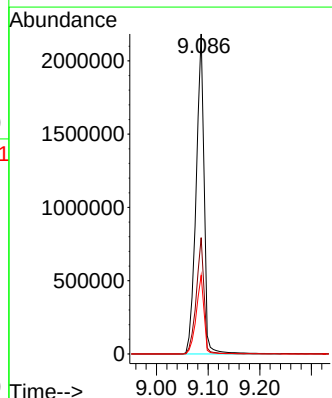
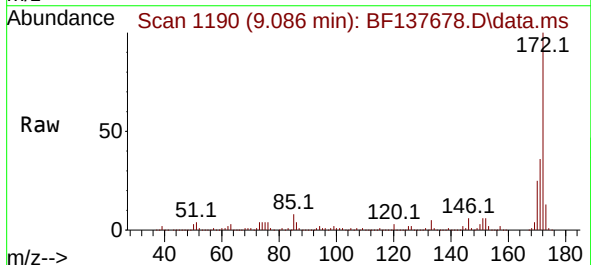
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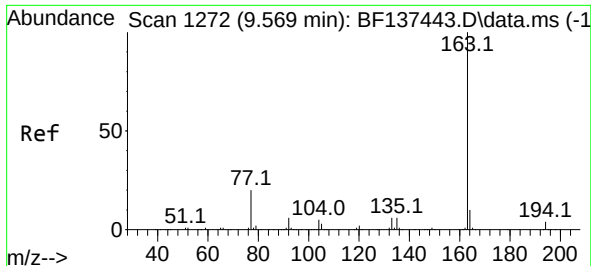
Tgt Ion:330 Resp: 518156
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.0 117.0
 141 28.7 27.3 40.9



#45
 2-Fluorobiphenyl
 Concen: 79.777 ng
 RT: 9.086 min Scan# 1190
 Delta R.T. -0.000 min
 Lab File: BF137678.D
 Acq: 22 Mar 2024 13:09

Tgt Ion:172 Resp: 2373551
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.5 42.7
 170 24.5 19.0 28.6

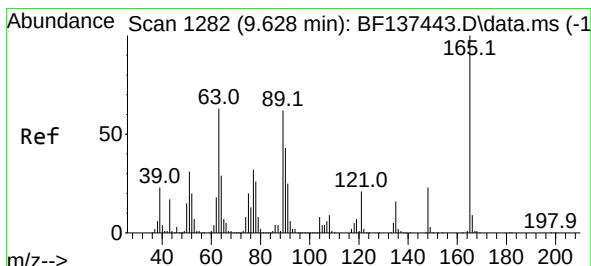
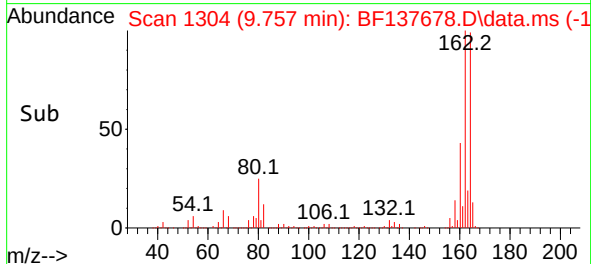
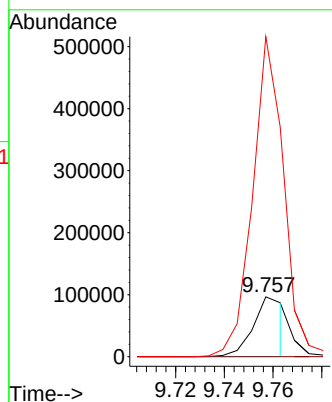
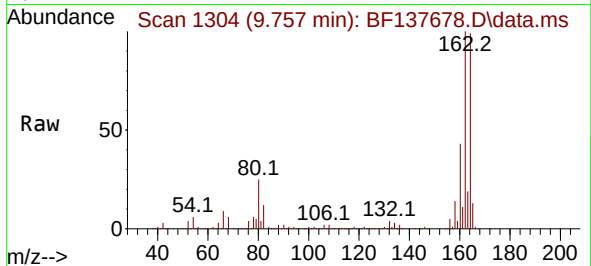




#50
Dimethylphthalate
Concen: 2.582 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137678.D
Acq: 22 Mar 2024 13:09

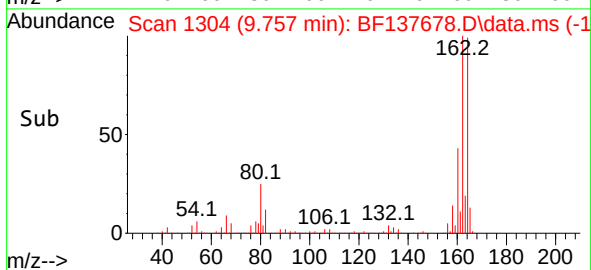
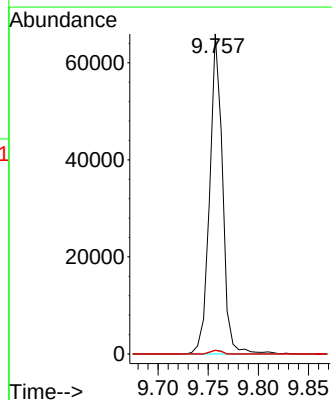
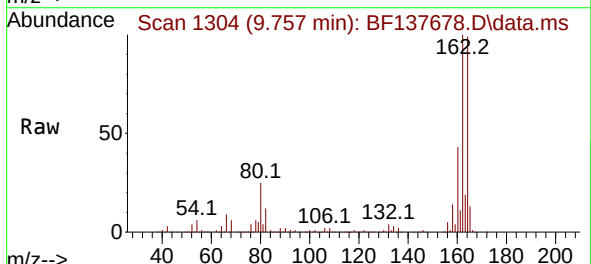
Instrument :
BNA_F
ClientSampleId :
PB159737BL

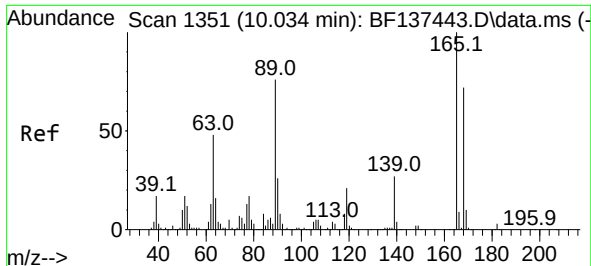
Tgt Ion:163 Resp: 83723
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 535.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.694 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137678.D
Acq: 22 Mar 2024 13:09

Tgt Ion:165 Resp: 58952
Ion Ratio Lower Upper
165 100
63 1.2 50.7 76.1#
89 1.1 50.0 75.0#

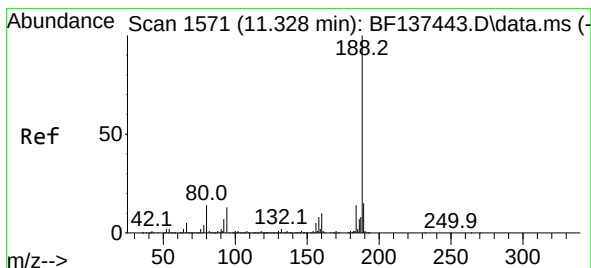
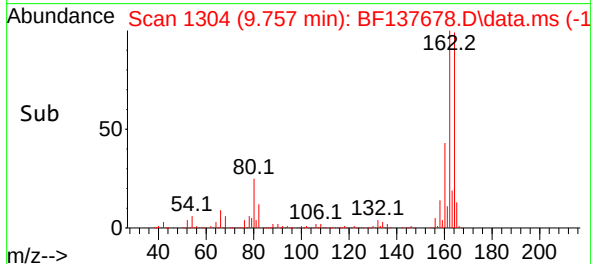
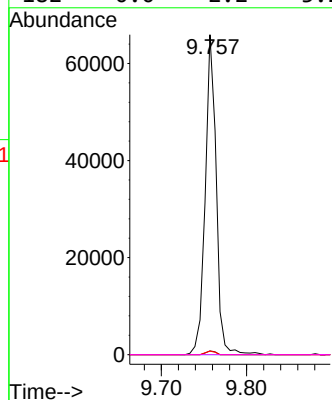
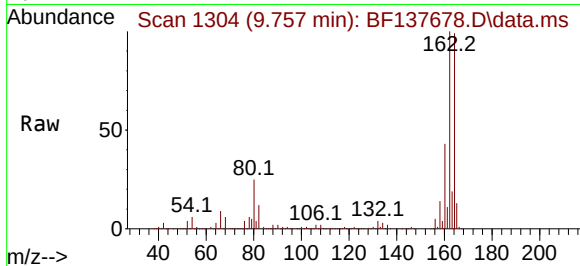




#57
2,4-Dinitrotoluene
Concen: 7.083 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137678.D
Acq: 22 Mar 2024 13:09

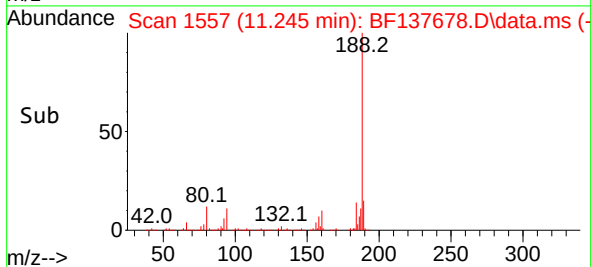
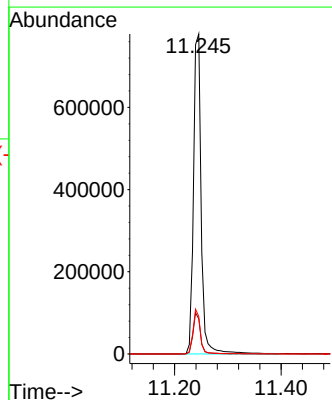
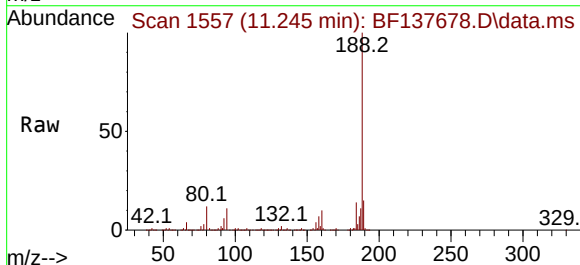
Instrument :
BNA_F
ClientSampleId :
PB159737BL

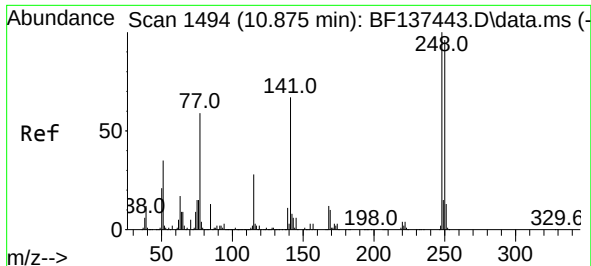
Tgt Ion:165 Resp: 59013
Ion Ratio Lower Upper
165 100
63 1.2 39.0 58.6#
89 1.1 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF137678.D
Acq: 22 Mar 2024 13:09

Tgt Ion:188 Resp: 785572
Ion Ratio Lower Upper
188 100
94 11.0 10.6 15.8
80 11.7 11.5 17.3





#67

4-Bromophenyl-phenylether

Concen: 3.854 ng

RT: 10.551 min Scan# 14

Delta R.T. -0.241 min

Lab File: BF137678.D

Acq: 22 Mar 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB159737BL

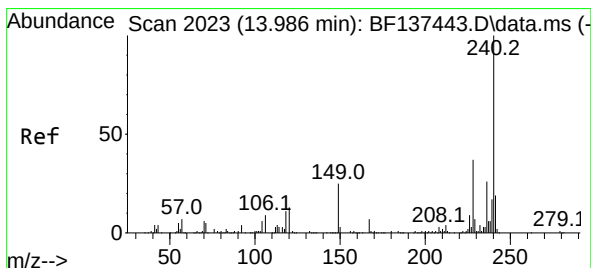
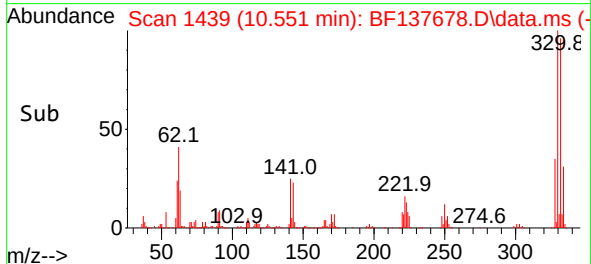
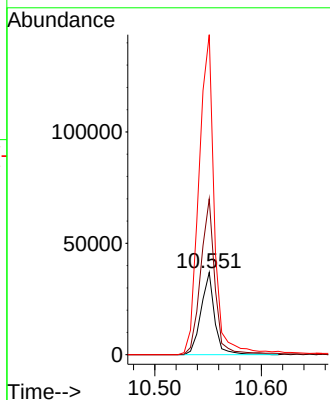
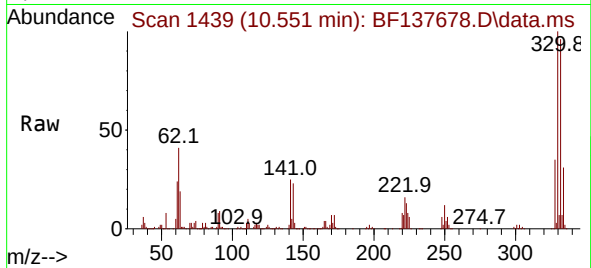
Tgt Ion:248 Resp: 32979

Ion Ratio Lower Upper

248 100

250 189.5 76.8 115.2#

141 389.3 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: BF137678.D

Acq: 22 Mar 2024 13:09

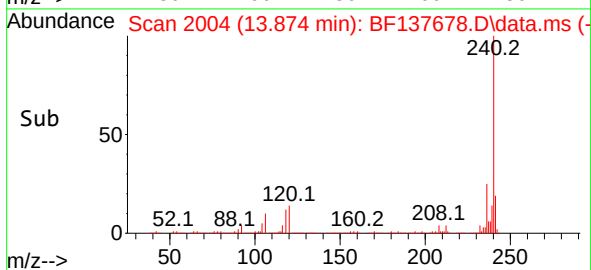
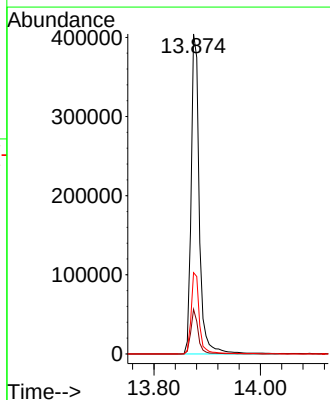
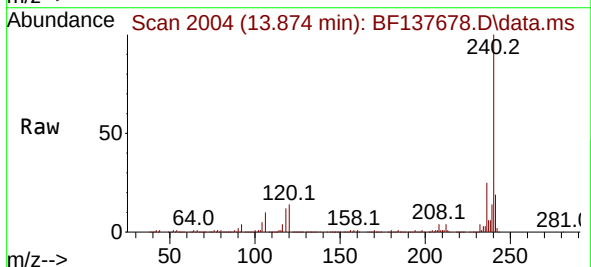
Tgt Ion:240 Resp: 431500

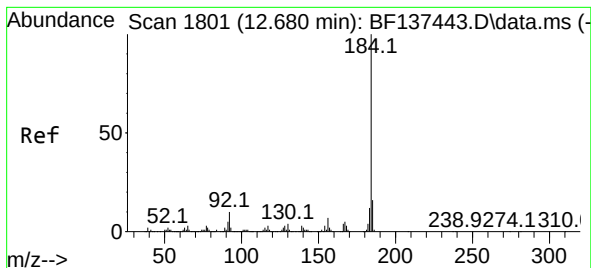
Ion Ratio Lower Upper

240 100

120 13.9 10.4 15.6

236 25.4 20.9 31.3





#77

Benzidine

Concen: 2.388 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.253 min

Lab File: BF137678.D

Acq: 22 Mar 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB159737BL

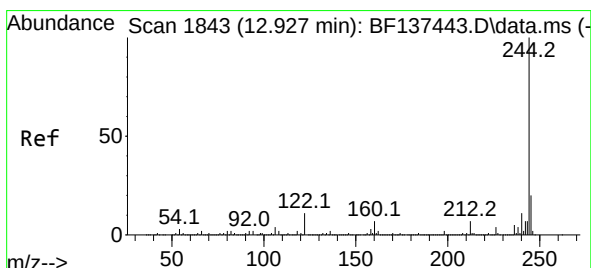
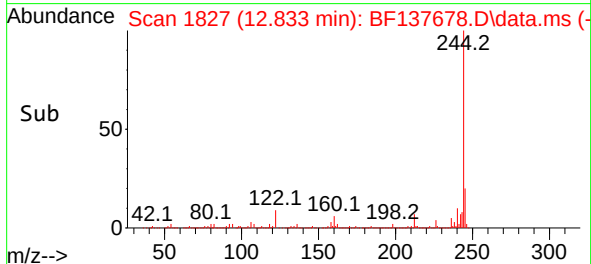
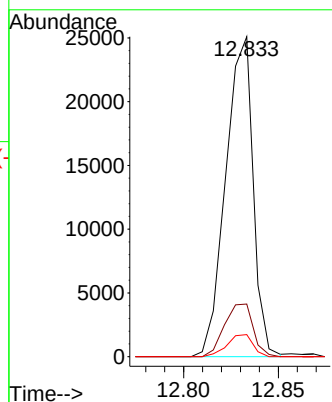
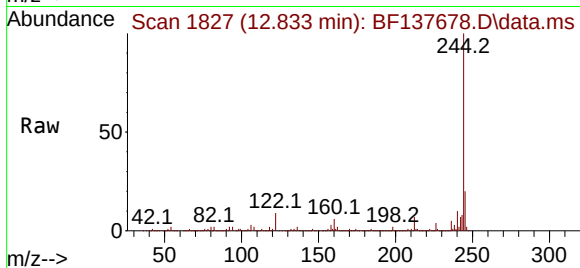
Tgt Ion:184 Resp: 25221

Ion Ratio Lower Upper

184 100

185 16.4 13.2 19.8

183 6.9 9.3 13.9#



#79

Terphenyl-d14

Concen: 73.695 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF137678.D

Acq: 22 Mar 2024 13:09

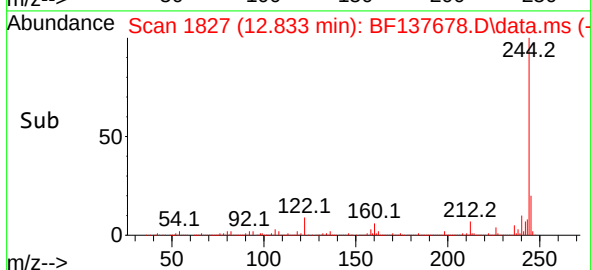
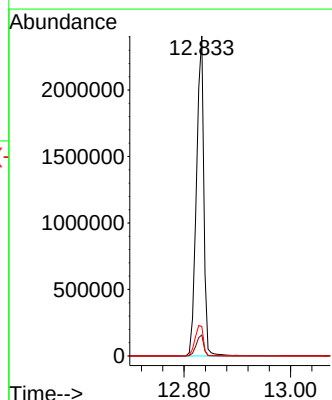
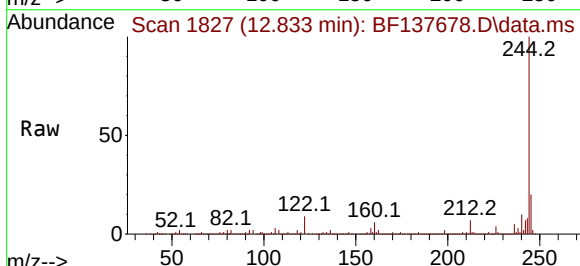
Tgt Ion:244 Resp: 2312493

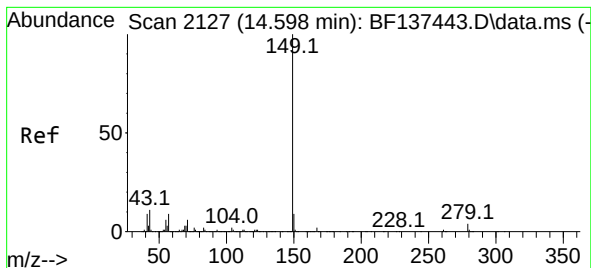
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 9.3 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.630 ng

RT: 14.474 min Scan# 2106

Delta R.T. -0.000 min

Lab File: BF137678.D

Acq: 22 Mar 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB159737BL

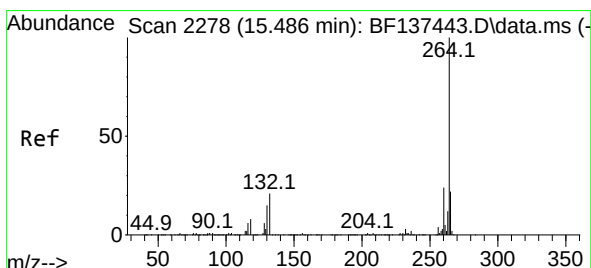
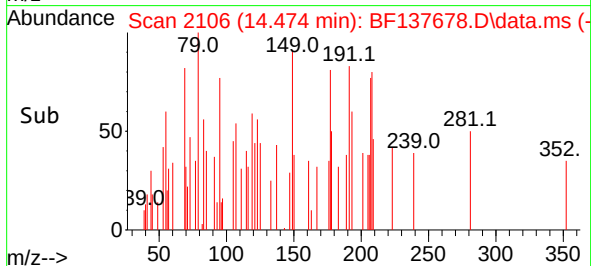
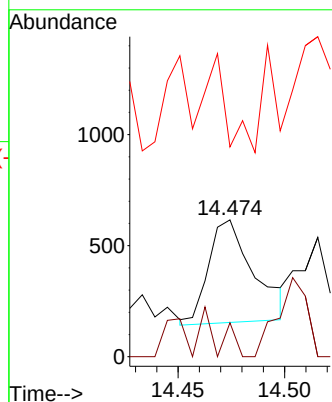
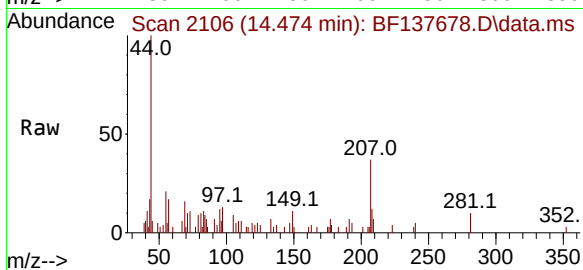
Tgt Ion:149 Resp: 680

Ion Ratio Lower Upper

149 100

167 19.6 1.2 1.8#

43 0.0 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.006 min

Lab File: BF137678.D

Acq: 22 Mar 2024 13:09

Tgt Ion:264 Resp: 405074

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.0 17.4 26.0

