

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
 Data File : BF137660.D
 Acq On : 21 Mar 2024 14:51
 Operator : CG\JU
 Sample : PB159709BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159709BL

Quant Time: Mar 21 15:17:07 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)

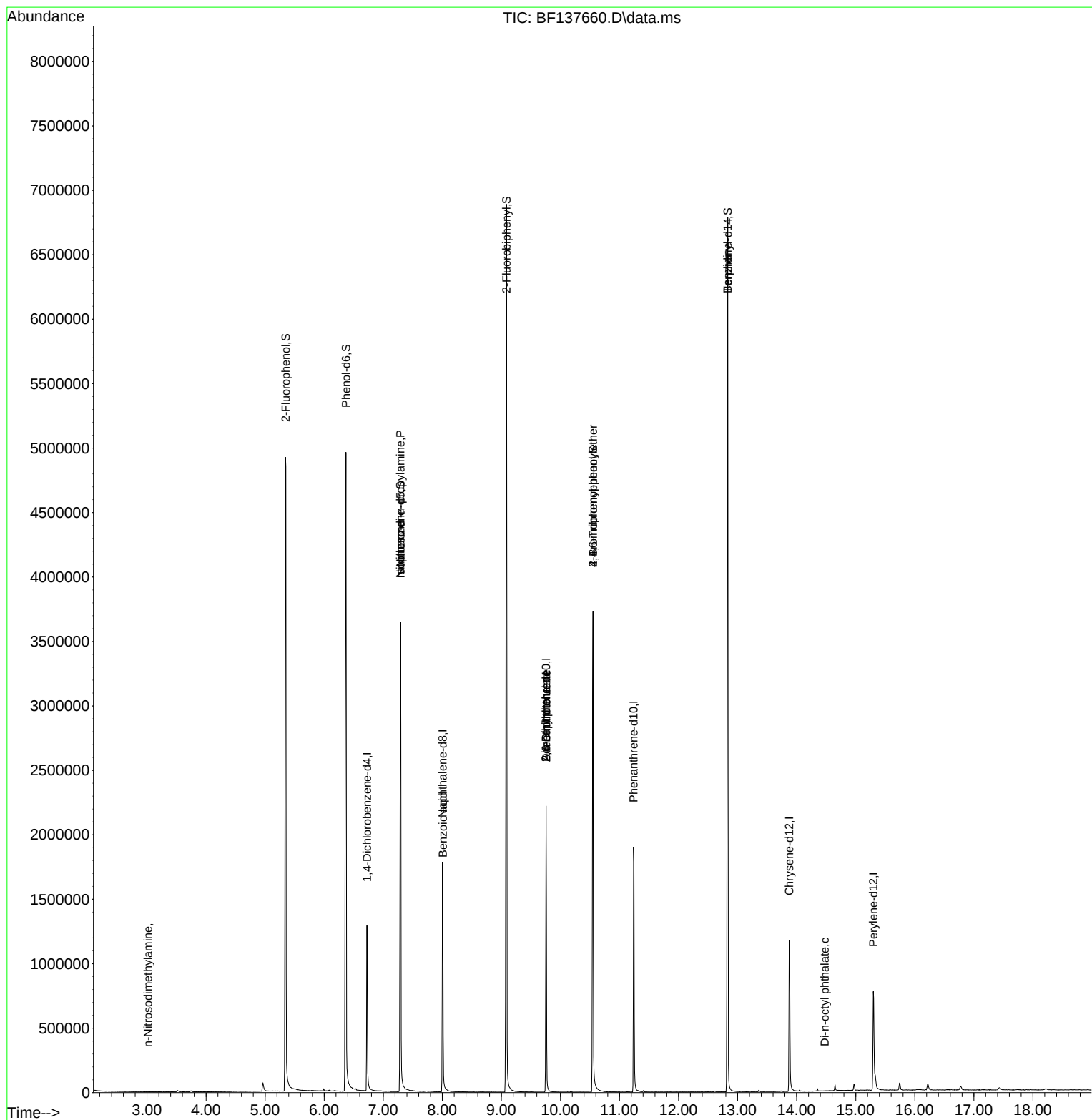
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	218764	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	855080	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	453094	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	782297	20.000	ng	0.00
76) Chrysene-d12	13.874	240	482699	20.000	ng	0.00
86) Perylene-d12	15.298	264	409239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1697937	117.551	ng	0.02
7) Phenol-d6	6.369	99	2279192	109.314	ng	0.00
23) Nitrobenzene-d5	7.292	82	1479028	80.369	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	502712	126.343	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2416983	83.503	ng	0.00
79) Terphenyl-d14	12.833	244	2583766	73.606	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.016	42	312	3.846	ng	# 1
19) n-Nitroso-di-n-propyla...	7.292	70	193249	15.010	ng	# 78
25) Isophorone	7.292	82	1479017	42.303	ng	# 69
32) Benzoic acid	8.010	122	141	6.314	ng	# 1
50) Dimethylphthalate	9.757	163	79513	2.521	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	58170	8.818	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	58487	7.216	ng	# 21
67) 4-Bromophenyl-phenylether	10.551	248	33618	3.945	ng	# 1
77) Benzidine	12.833	184	29201	2.472	ng	# 91
85) Di-n-octyl phthalate	14.474	149	196	5.613	ng	# 72

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

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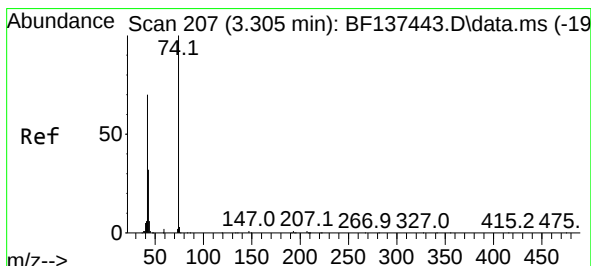
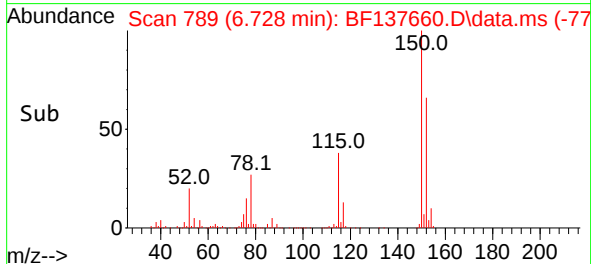
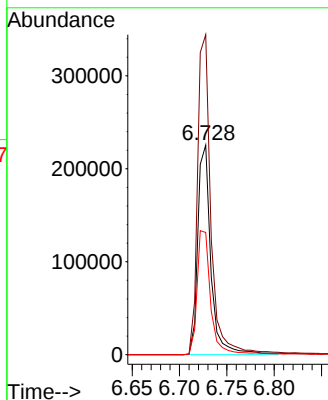
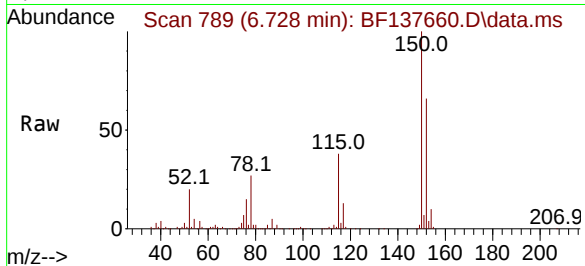




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137660.D
Acq: 21 Mar 2024 14:51

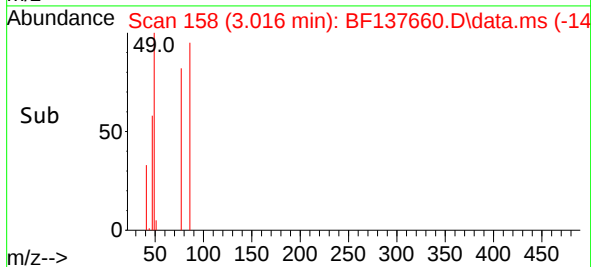
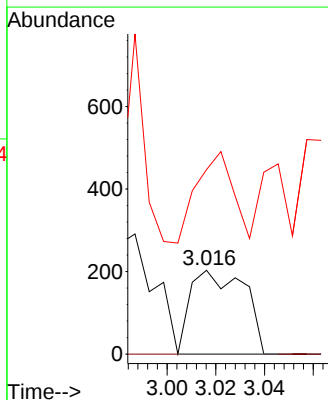
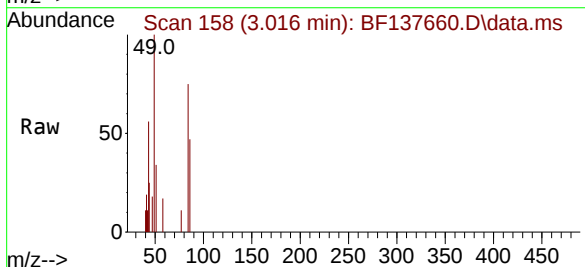
Instrument :
BNA_F
ClientSampleId :
PB159709BL

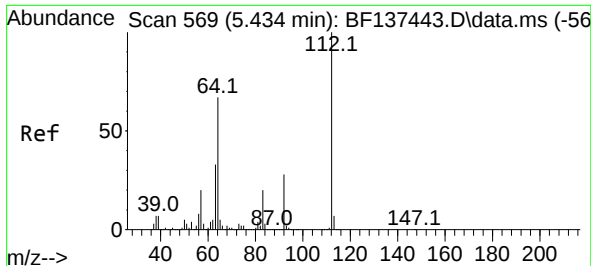
Tgt Ion:152 Resp: 218764
Ion Ratio Lower Upper
152 100
150 152.6 125.8 188.6
115 58.3 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.846 ng
RT: 3.016 min Scan# 158
Delta R.T. -0.024 min
Lab File: BF137660.D
Acq: 21 Mar 2024 14:51

Tgt Ion: 42 Resp: 312
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 220.2 7.0 10.4#

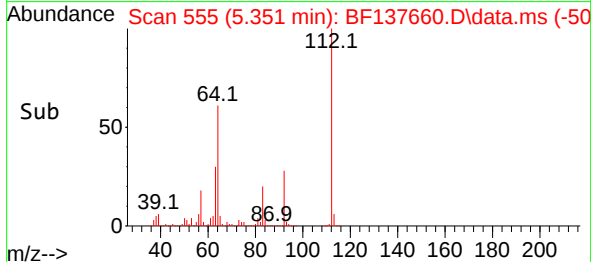
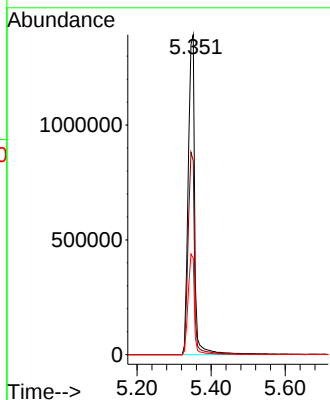
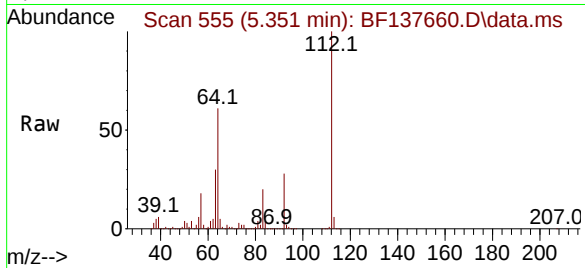




#5
2-Fluorophenol
Concen: 117.551 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF137660.D
Acq: 21 Mar 2024 14:51

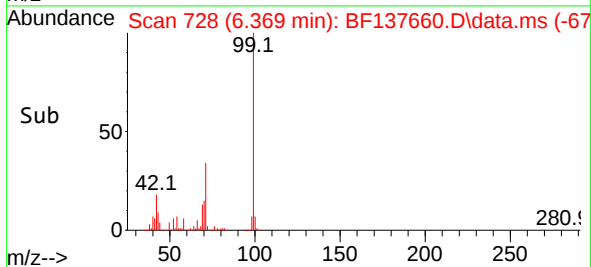
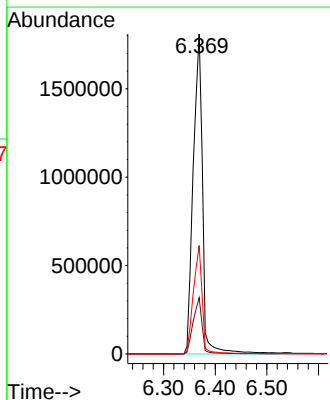
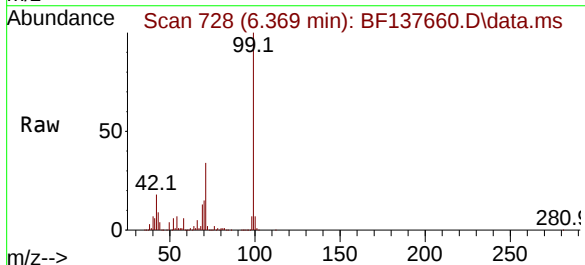
Instrument :
BNA_F
ClientSampleId :
PB159709BL

Tgt Ion:112 Resp: 1697937
Ion Ratio Lower Upper
112 100
64 60.6 53.4 80.2
63 30.2 26.2 39.2



#7
Phenol-d6
Concen: 109.314 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF137660.D
Acq: 21 Mar 2024 14:51

Tgt Ion: 99 Resp: 2279192
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 33.9 25.3 37.9

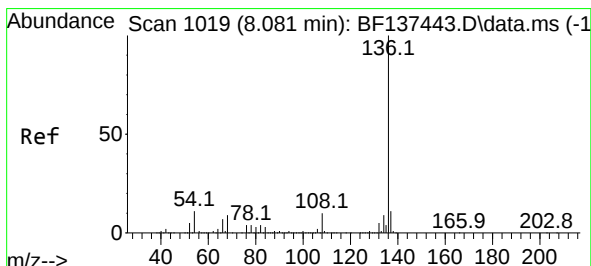
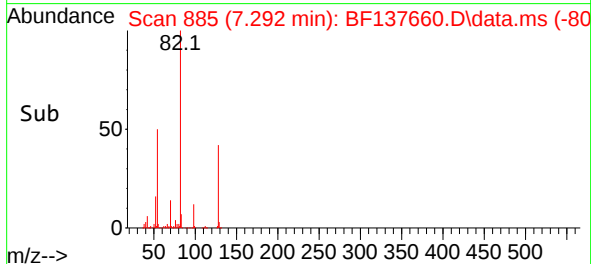
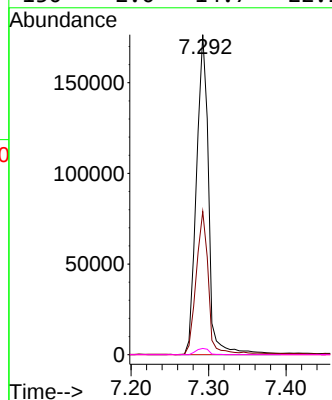
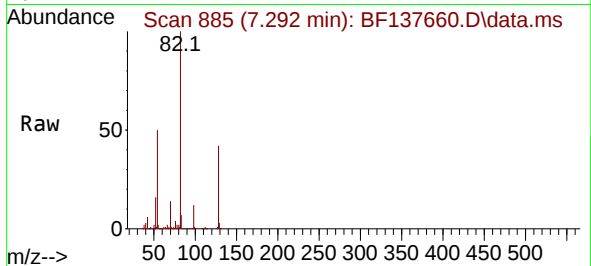




#19
n-Nitroso-di-n-propylamine
Concen: 15.010 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF137660.D
Acq: 21 Mar 2024 14:51

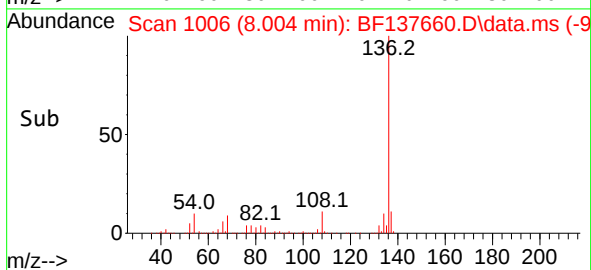
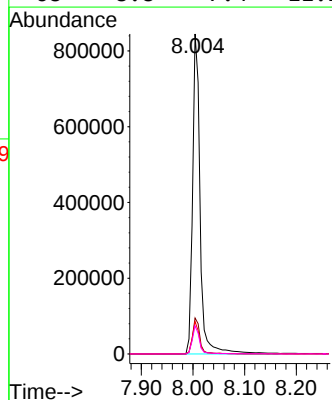
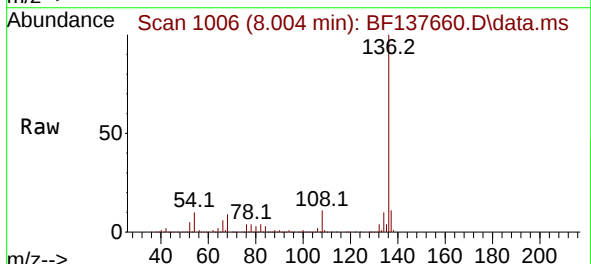
Instrument :
BNA_F
ClientSampleId :
PB159709BL

Tgt Ion: 70 Resp: 193249
Ion Ratio Lower Upper
70 100
42 44.8 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: BF137660.D
Acq: 21 Mar 2024 14:51

Tgt Ion: 136 Resp: 855080
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.1 8.5 12.7
68 8.8 7.4 11.2





#23

Nitrobenzene-d5

Concen: 80.369 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF137660.D

Acq: 21 Mar 2024 14:51

Instrument :

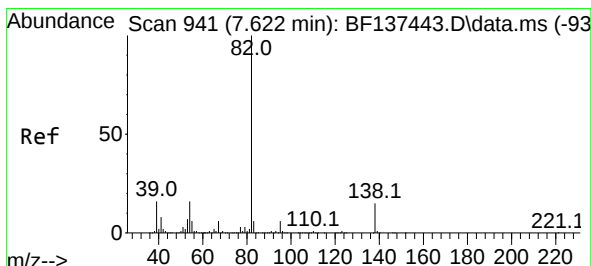
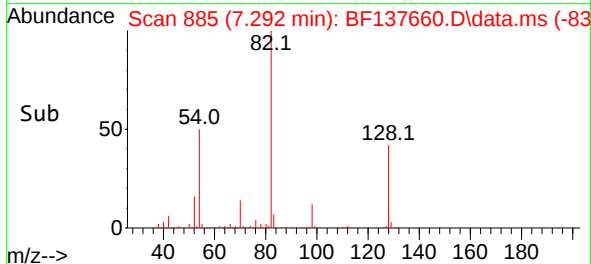
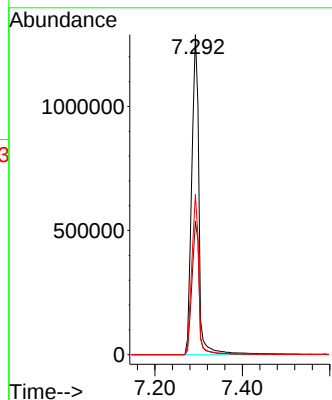
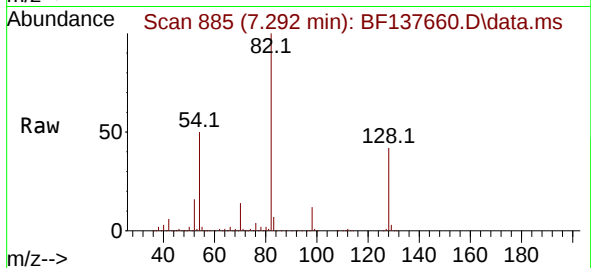
BNA_F

ClientSampleId :

PB159709BL

Tgt Ion: 82 Resp: 1479028

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.5	48.7
54	50.0	41.5	62.3



#25

Isophorone

Concen: 42.303 ng

RT: 7.292 min Scan# 885

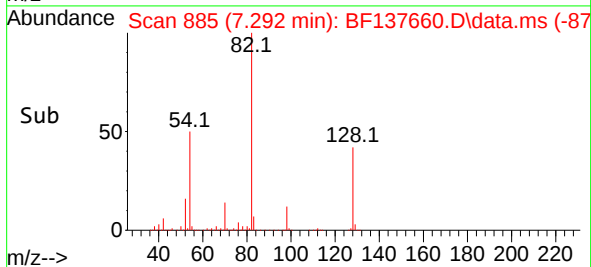
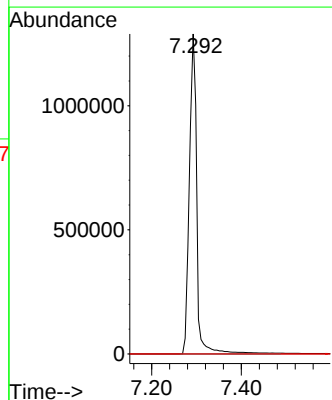
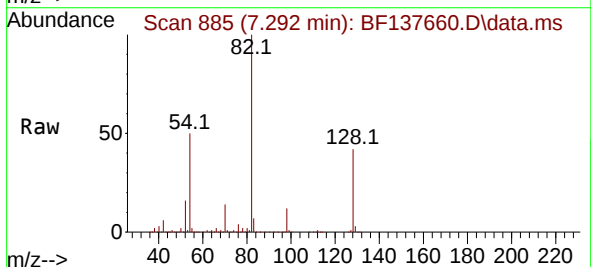
Delta R.T. -0.259 min

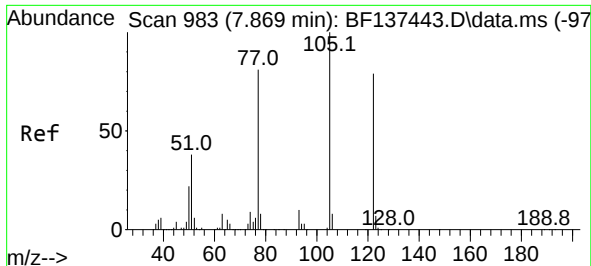
Lab File: BF137660.D

Acq: 21 Mar 2024 14:51

Tgt Ion: 82 Resp: 1479017

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

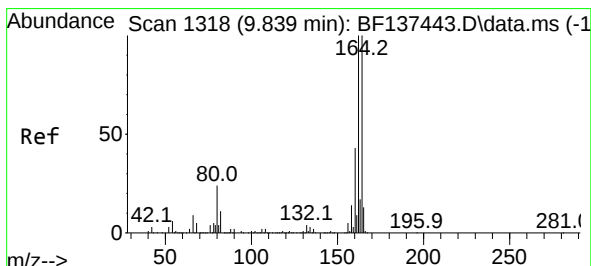
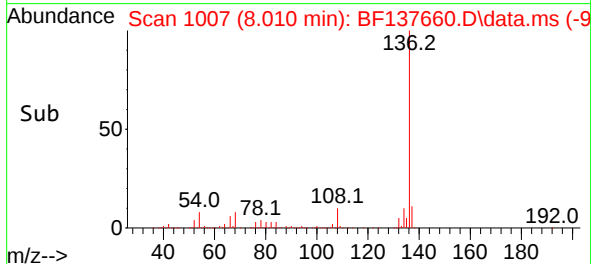
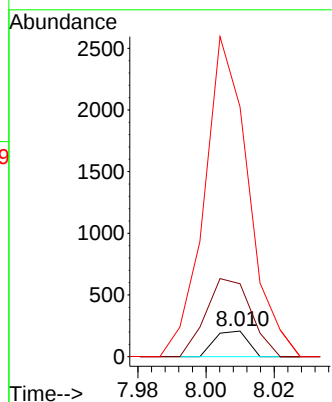
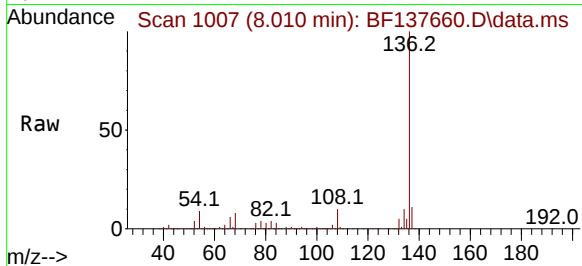




#32
Benzoic acid
Concen: 6.314 ng
RT: 8.010 min Scan# 10
Delta R.T. 0.212 min
Lab File: BF137660.D
Acq: 21 Mar 2024 14:51

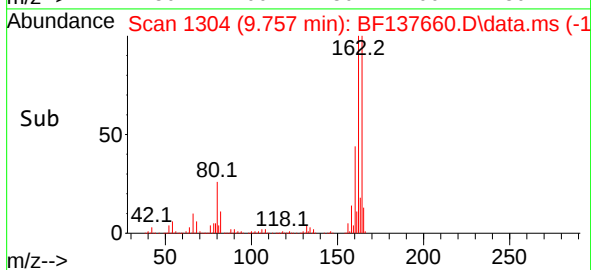
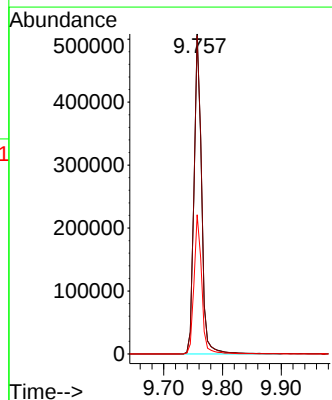
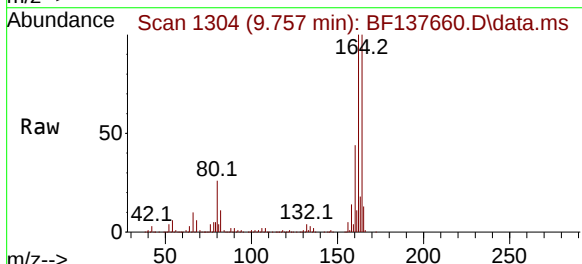
Instrument :
BNA_F
ClientSampleId :
PB159709BL

Tgt Ion:122 Resp: 141
Ion Ratio Lower Upper
122 100
105 284.1 102.4 142.4#
77 973.1 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: BF137660.D
Acq: 21 Mar 2024 14:51

Tgt Ion:164 Resp: 453094
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 43.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 126.343 ng

RT: 10.551 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF137660.D

Acq: 21 Mar 2024 14:51

Instrument :

BNA_F

ClientSampleId :

PB159709BL

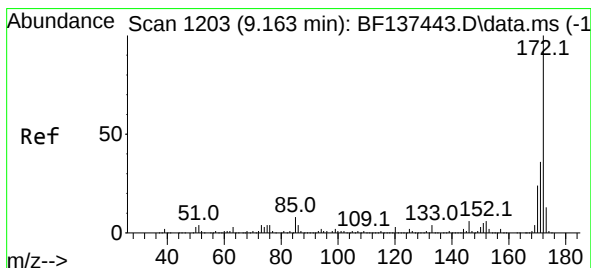
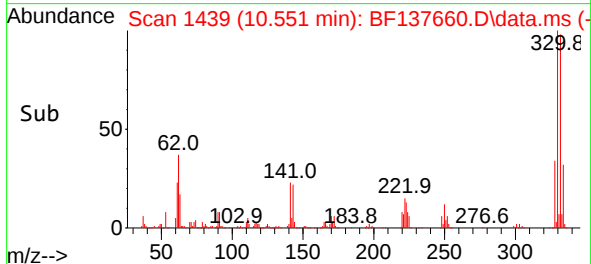
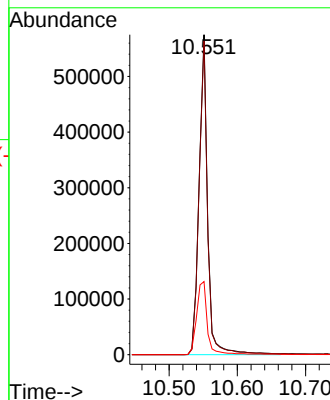
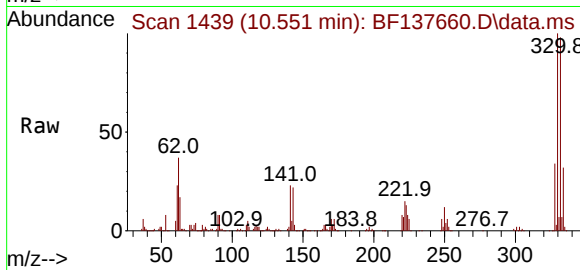
Tgt Ion:330 Resp: 502712

Ion Ratio Lower Upper

330 100

332 98.1 78.0 117.0

141 28.8 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 83.503 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137660.D

Acq: 21 Mar 2024 14:51

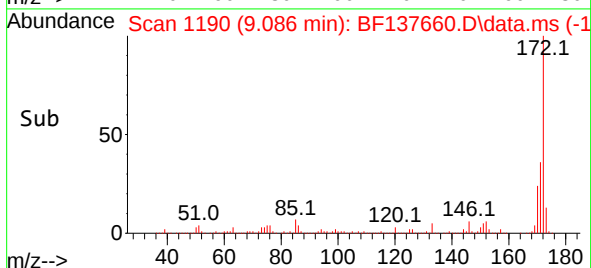
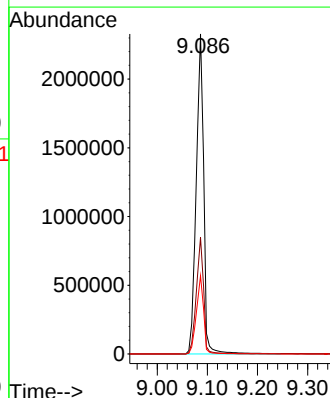
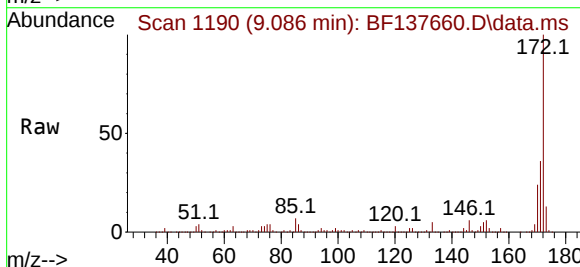
Tgt Ion:172 Resp: 2416983

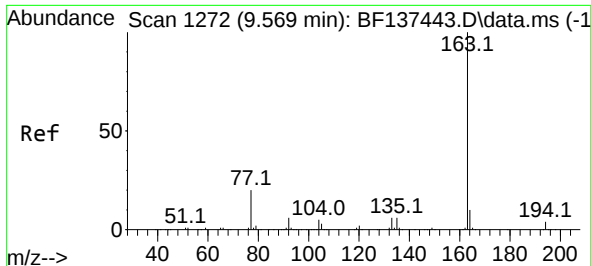
Ion Ratio Lower Upper

172 100

171 36.4 28.5 42.7

170 24.4 19.0 28.6

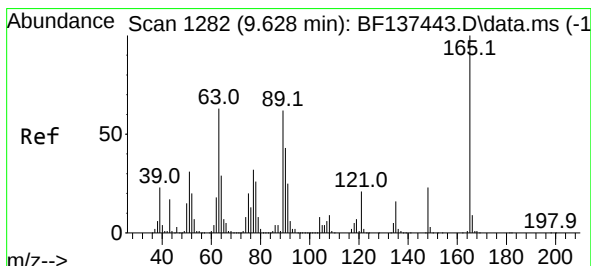
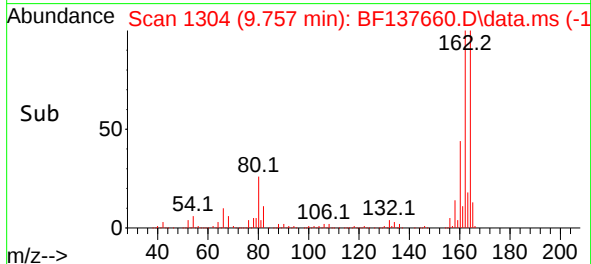
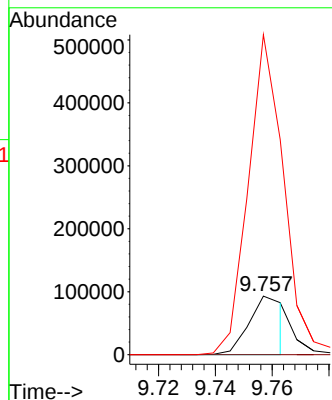
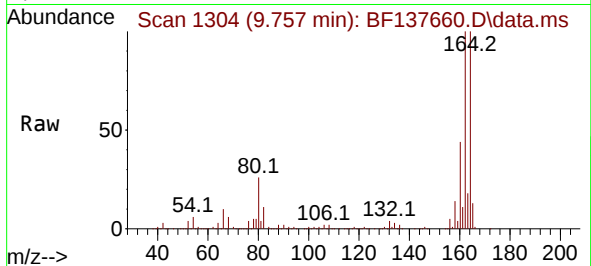




#50
Dimethylphthalate
Concen: 2.521 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137660.D
Acq: 21 Mar 2024 14:51

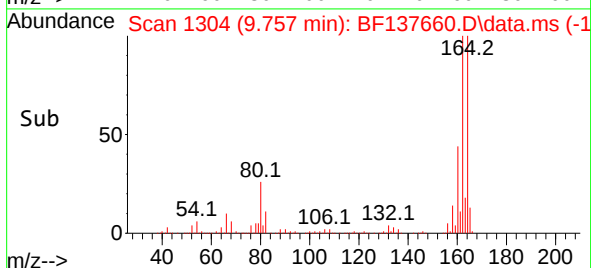
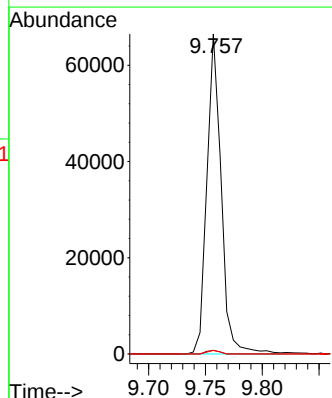
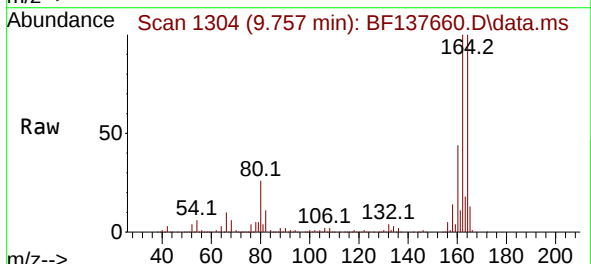
Instrument :
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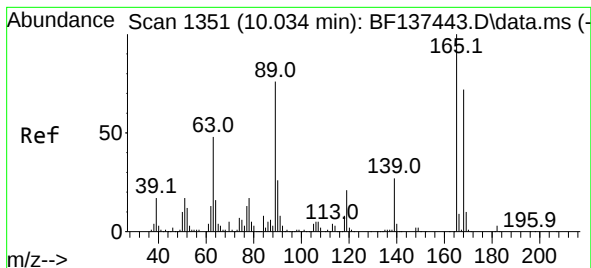
Tgt Ion:163 Resp: 79513
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 546.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.818 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137660.D
Acq: 21 Mar 2024 14:51

Tgt Ion:165 Resp: 58170
Ion Ratio Lower Upper
165 100
63 1.1 50.7 76.1#
89 1.1 50.0 75.0#

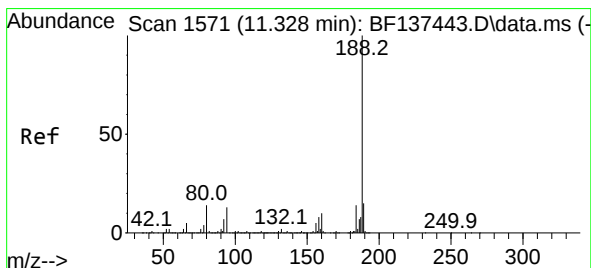
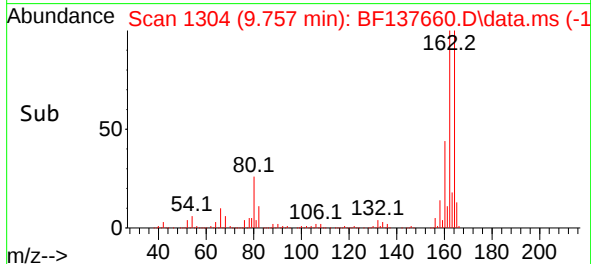
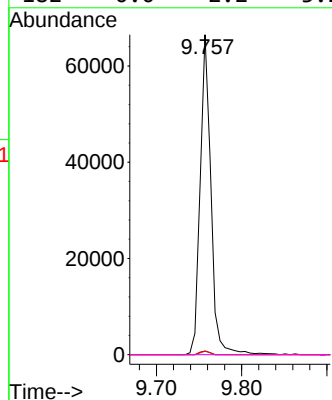
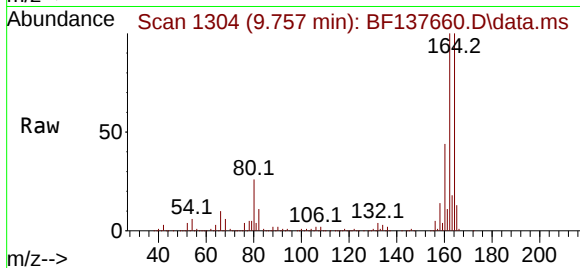




#57
2,4-Dinitrotoluene
Concen: 7.216 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137660.D
Acq: 21 Mar 2024 14:51

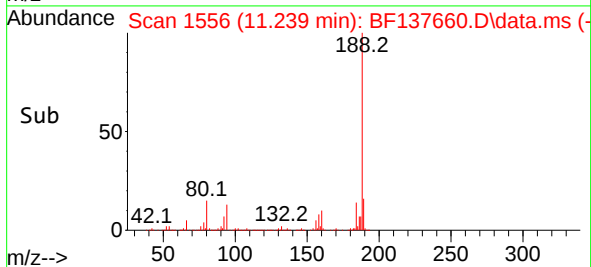
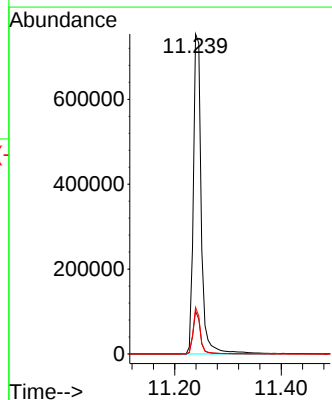
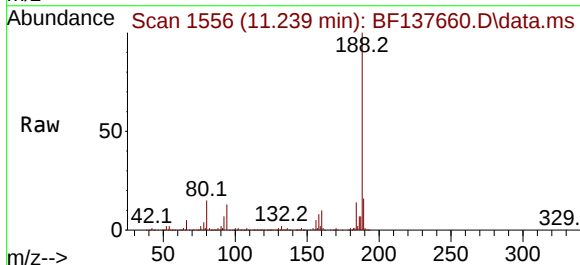
Instrument :
BNA_F
ClientSampleId :
PB159709BL

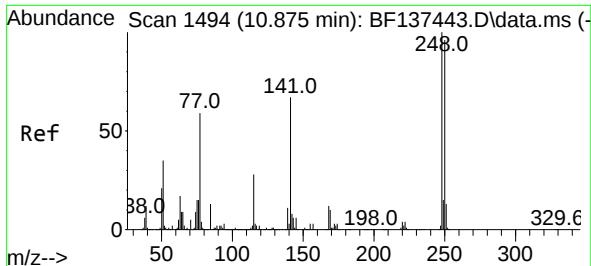
Tgt Ion:165 Resp: 58487
Ion Ratio Lower Upper
165 100
63 1.1 39.0 58.6#
89 1.1 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF137660.D
Acq: 21 Mar 2024 14:51

Tgt Ion:188 Resp: 782297
Ion Ratio Lower Upper
188 100
94 13.3 10.6 15.8
80 14.6 11.5 17.3

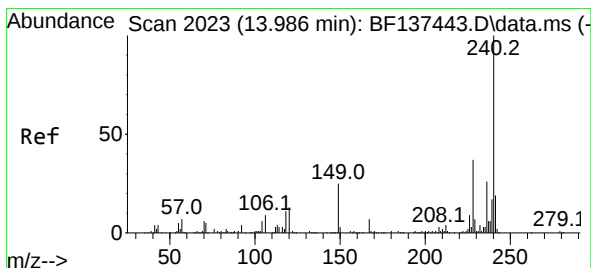
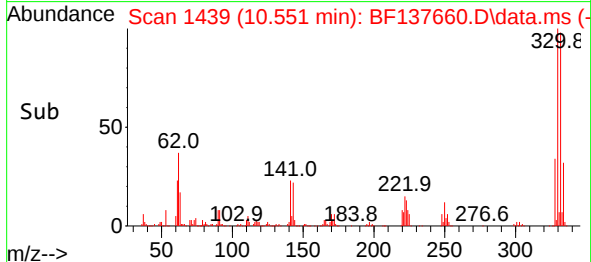
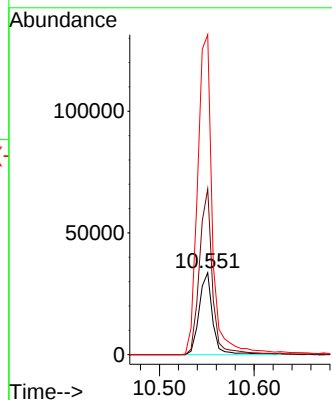
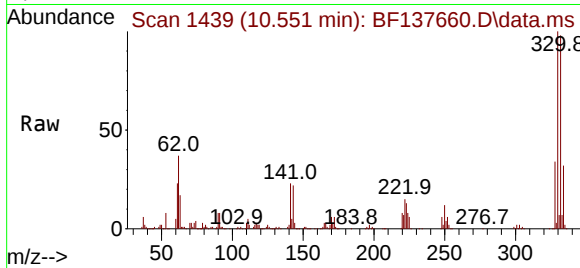




#67
4-Bromophenyl-phenylether
Concen: 3.945 ng
RT: 10.551 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF137660.D
Acq: 21 Mar 2024 14:51

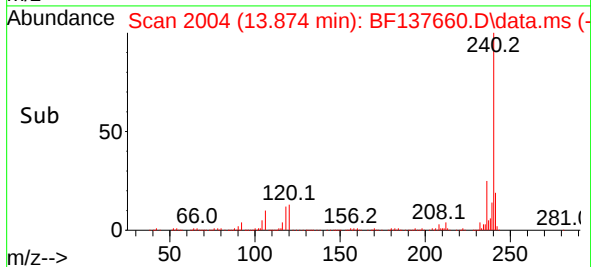
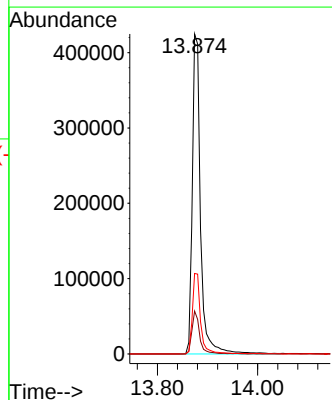
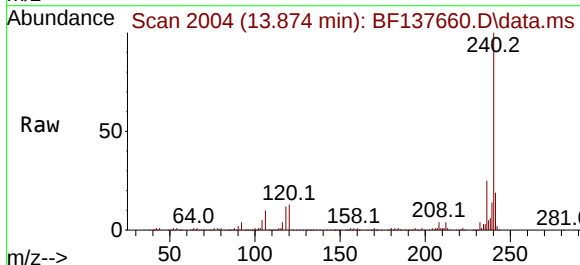
Instrument :
BNA_F
ClientSampleId :
PB159709BL

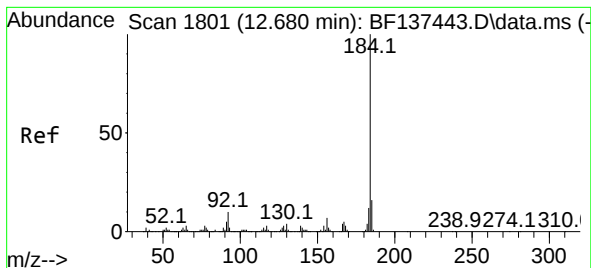
Tgt Ion:248 Resp: 33618
Ion Ratio Lower Upper
248 100
250 202.5 76.8 115.2#
141 390.9 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137660.D
Acq: 21 Mar 2024 14:51

Tgt Ion:240 Resp: 482699
Ion Ratio Lower Upper
240 100
120 13.4 10.4 15.6
236 25.1 20.9 31.3





#77

Benzidine

Concen: 2.472 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.253 min

Lab File: BF137660.D

Acq: 21 Mar 2024 14:51

Instrument :

BNA_F

ClientSampleId :

PB159709BL

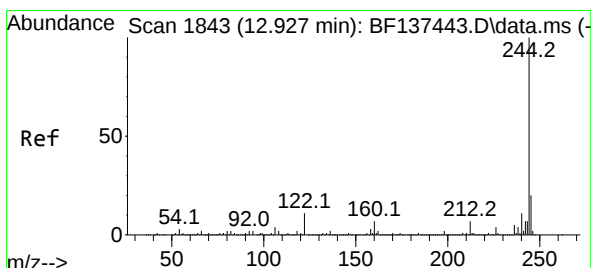
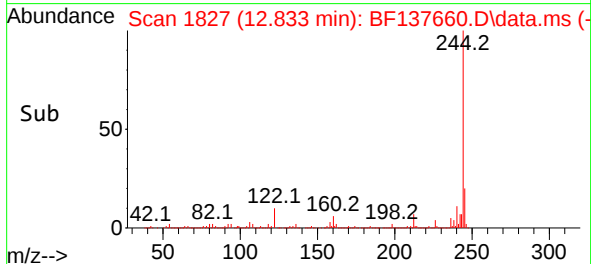
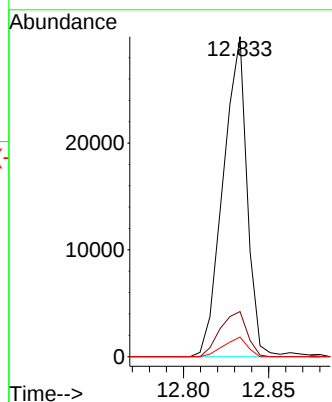
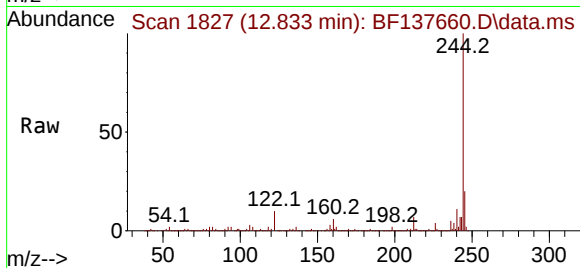
Tgt Ion:184 Resp: 29201

Ion Ratio Lower Upper

184 100

185 14.1 13.2 19.8

183 6.2 9.3 13.9#



#79

Terphenyl-d14

Concen: 73.606 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF137660.D

Acq: 21 Mar 2024 14:51

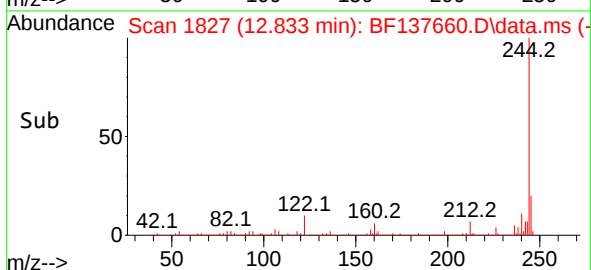
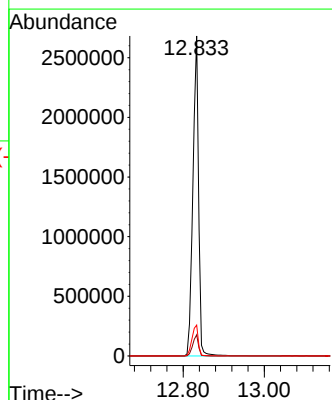
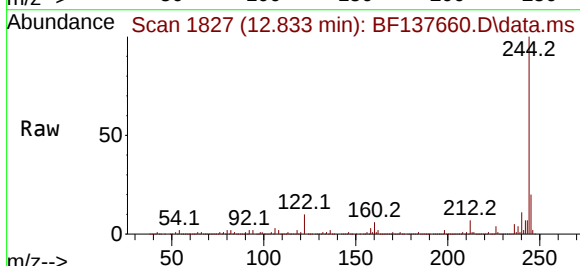
Tgt Ion:244 Resp: 2583766

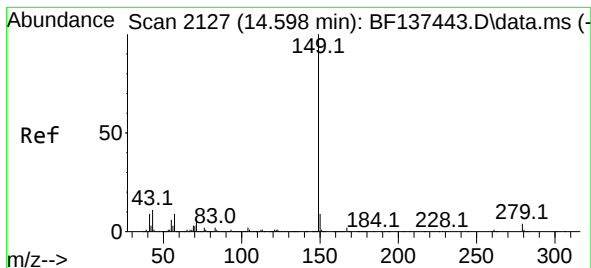
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 9.6 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.613 ng

RT: 14.474 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137660.D

Acq: 21 Mar 2024 14:51

Instrument :

BNA_F

ClientSampleId :

PB159709BL

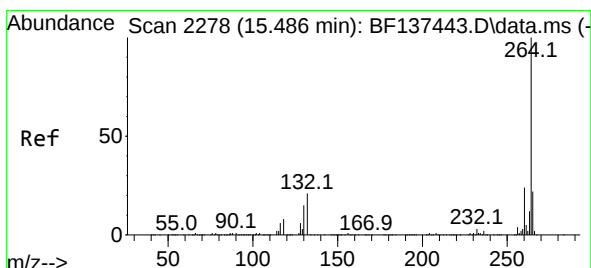
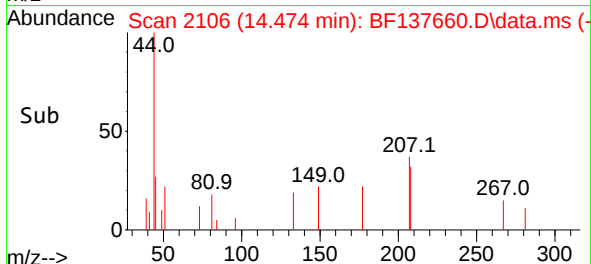
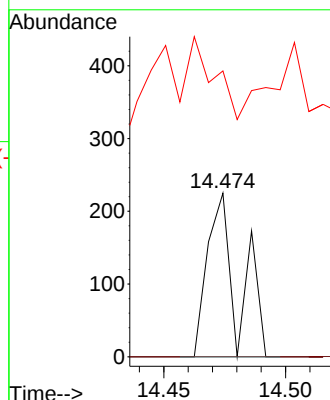
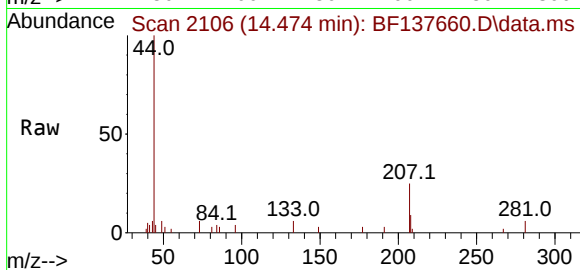
Tgt Ion:149 Resp: 196

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 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: BF137660.D

Acq: 21 Mar 2024 14:51

Tgt Ion:264 Resp: 409239

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.6 17.4 26.0

