

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032024\
 Data File : BF137652.D
 Acq On : 20 Mar 2024 13:40
 Operator : CG\JU
 Sample : PB159685BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159685BL

Quant Time: Mar 20 14:28:52 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)

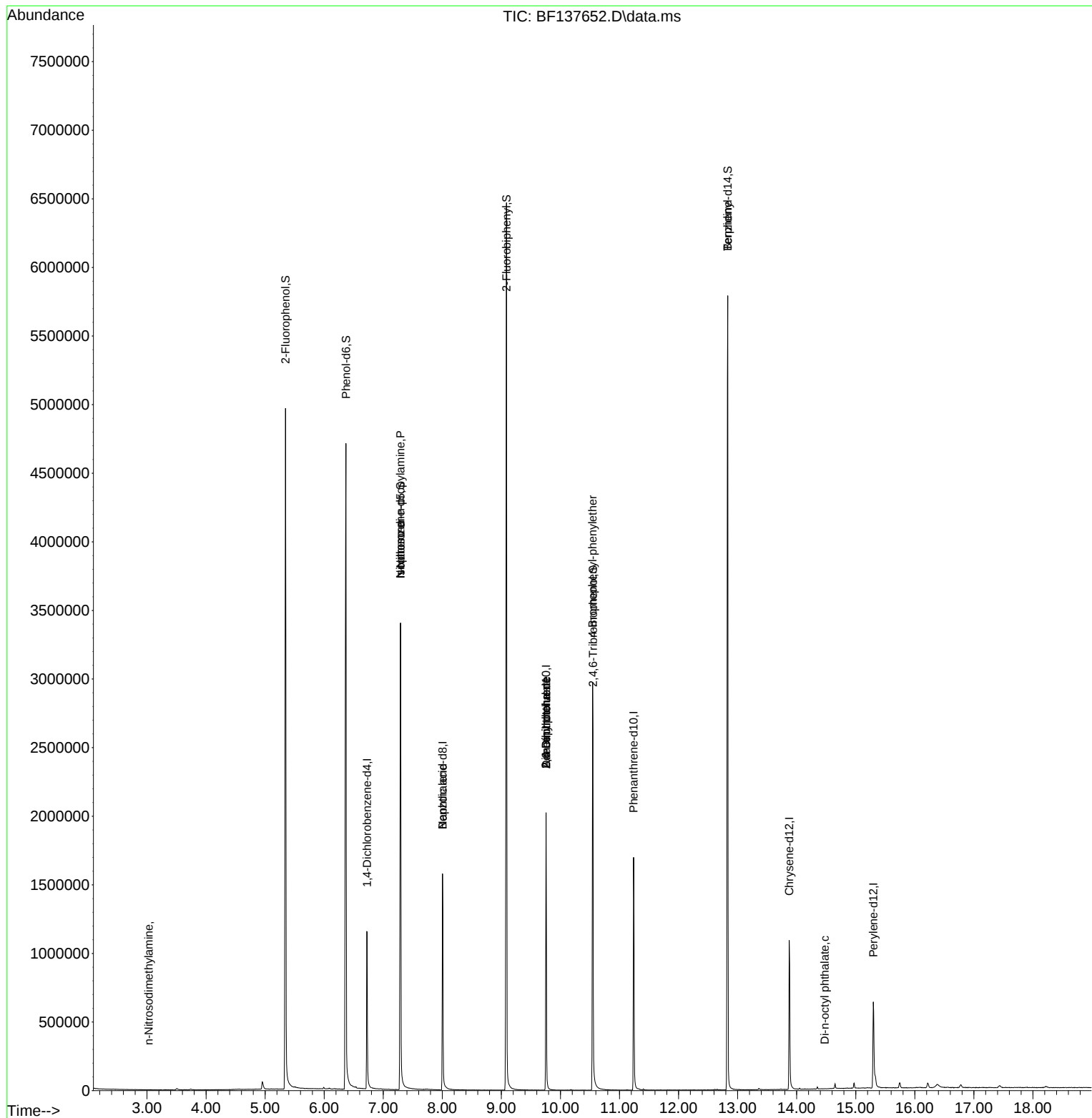
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	196347	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	756220	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	386893	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	664381	20.000	ng	0.00
76) Chrysene-d12	13.874	240	404608	20.000	ng	0.00
86) Perylene-d12	15.298	264	333350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1532790	118.233	ng	0.01
7) Phenol-d6	6.369	99	2042455	109.144	ng	0.00
23) Nitrobenzene-d5	7.292	82	1334580	82.000	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	415137	122.186	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2116382	85.628	ng	0.00
79) Terphenyl-d14	12.833	244	2281801	77.550	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.028	42	75	3.818	ng	# 1
19) n-Nitroso-di-n-propyla...	7.292	70	170566	14.760	ng	# 78
25) Isophorone	7.292	82	1334573	43.162	ng	# 69
32) Benzoic acid	8.004	122	62	6.306	ng	# 1
50) Dimethylphthalate	9.757	163	68731	2.552	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	49072	8.711	ng	# 21
57) 2,4-Dinitrotoluene	9.757	165	49321	7.127	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	26634	3.681	ng	# 1
77) Benzidine	12.833	184	25992	2.625	ng	# 93
85) Di-n-octyl phthalate	14.474	149	475	5.624	ng	# 72

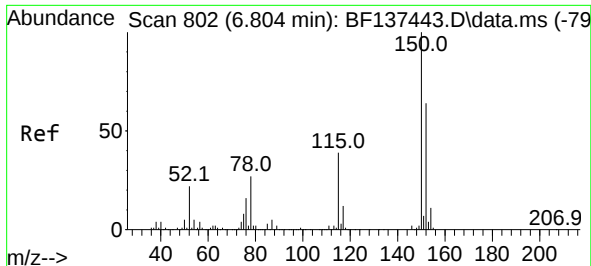
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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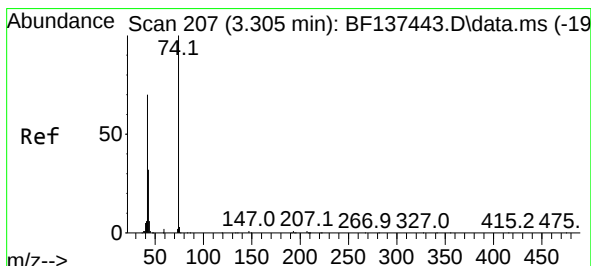
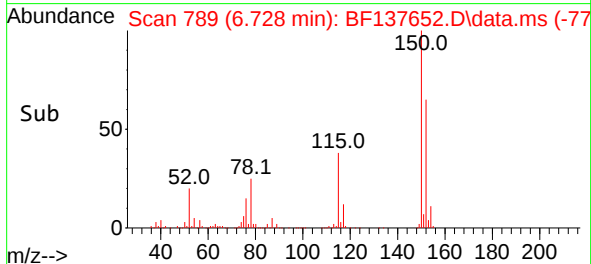
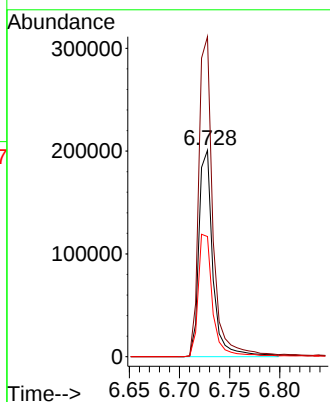
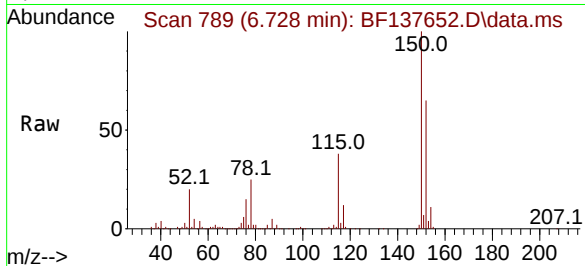




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137652.D
Acq: 20 Mar 2024 13:40

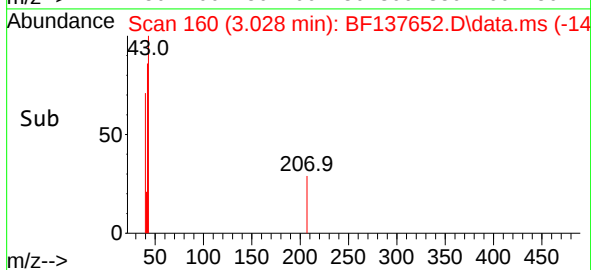
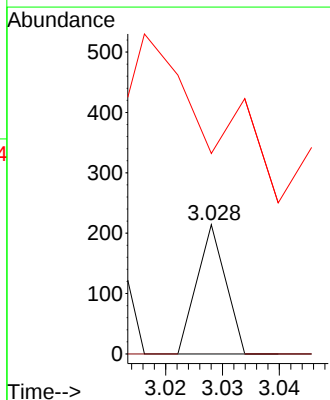
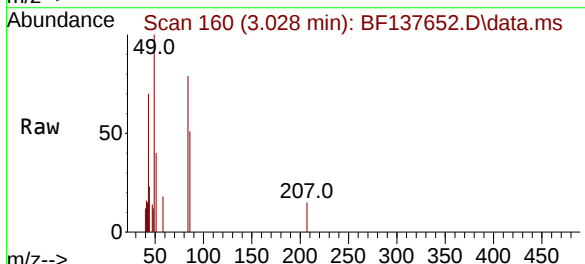
Instrument :
BNA_F
ClientSampleId :
PB159685BL

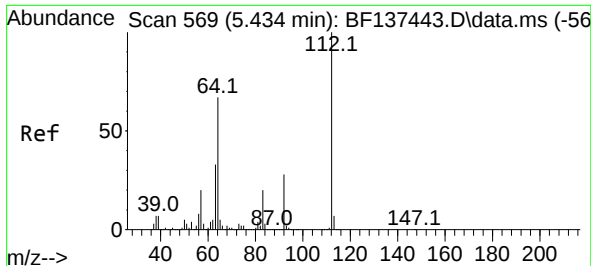
Tgt Ion:152 Resp: 196347
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 58.2 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.818 ng
RT: 3.028 min Scan# 160
Delta R.T. -0.012 min
Lab File: BF137652.D
Acq: 20 Mar 2024 13:40

Tgt Ion: 42 Resp: 75
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 155.1 7.0 10.4#

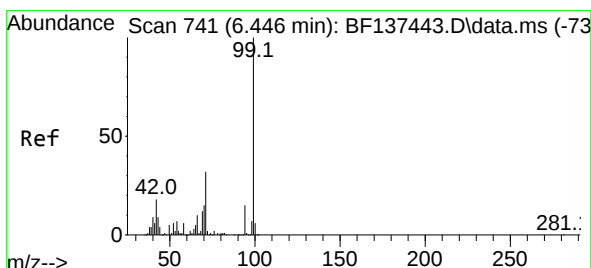
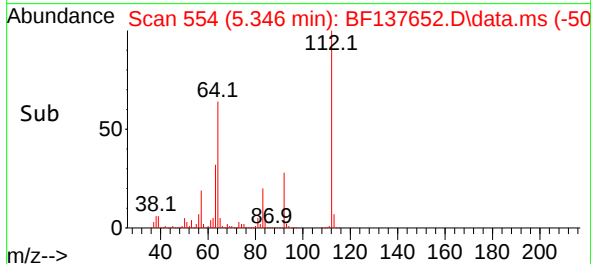
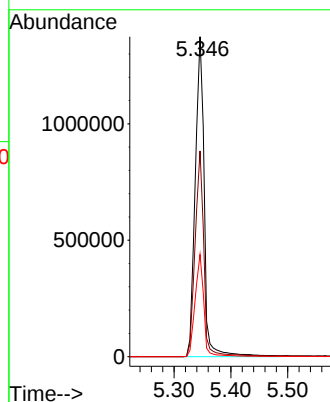
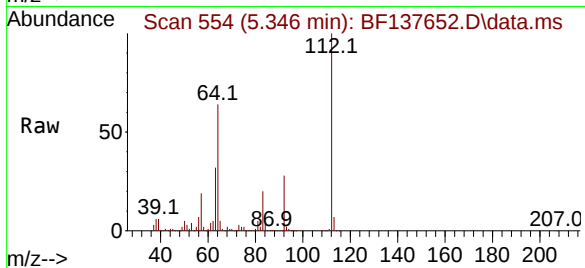




#5
2-Fluorophenol
Concen: 118.233 ng
RT: 5.346 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137652.D
Acq: 20 Mar 2024 13:40

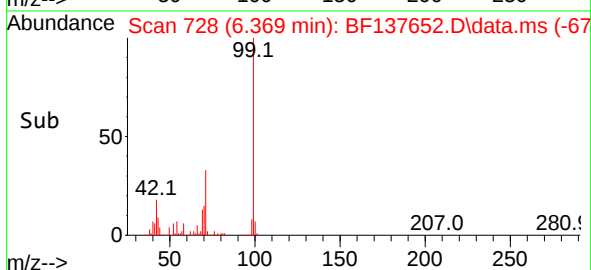
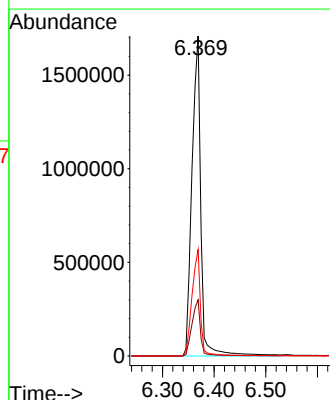
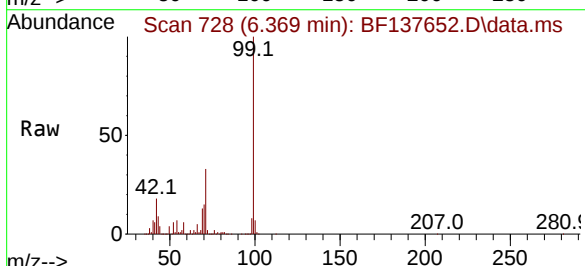
Instrument :
BNA_F
ClientSampleId :
PB159685BL

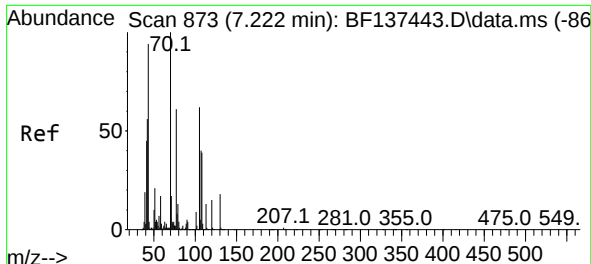
Tgt Ion:112 Resp: 1532790
Ion Ratio Lower Upper
112 100
64 64.3 53.4 80.2
63 32.0 26.2 39.2



#7
Phenol-d6
Concen: 109.144 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF137652.D
Acq: 20 Mar 2024 13:40

Tgt Ion: 99 Resp: 2042455
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 33.2 25.3 37.9

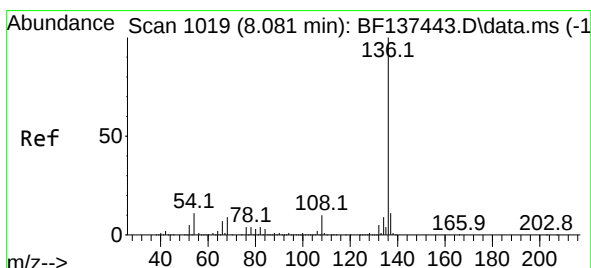
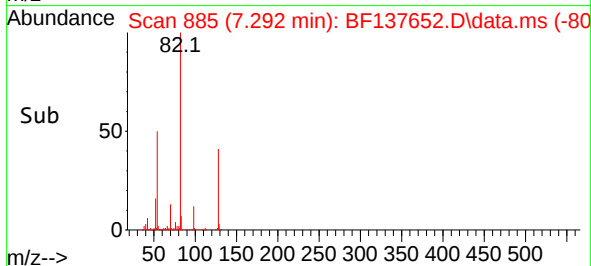
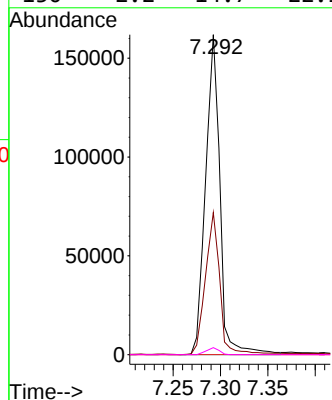
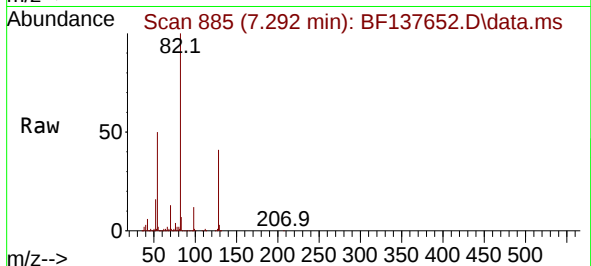




#19
n-Nitroso-di-n-propylamine
Concen: 14.760 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF137652.D
Acq: 20 Mar 2024 13:40

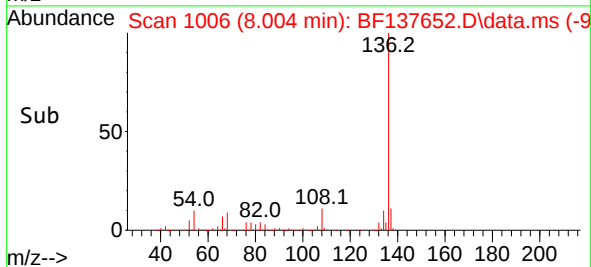
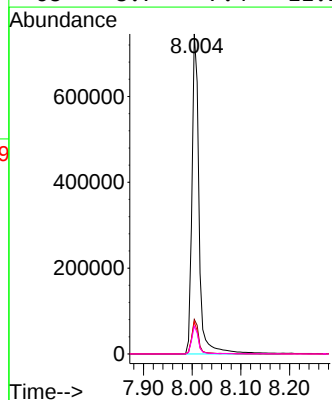
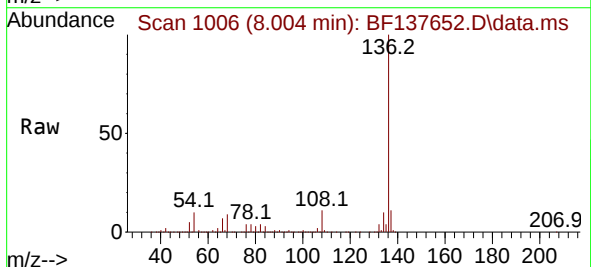
Instrument :
BNA_F
ClientSampleId :
PB159685BL

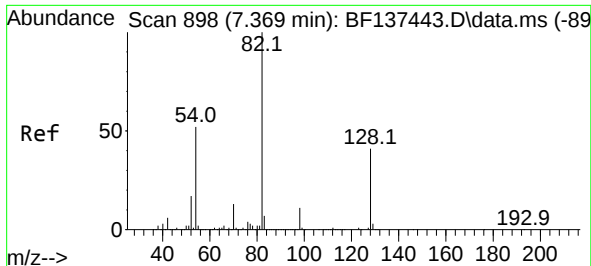
Tgt Ion: 70 Resp: 170566
Ion Ratio Lower Upper
70 100
42 44.4 45.2 67.8#
101 0.0 7.3 10.9#
130 2.2 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137652.D
Acq: 20 Mar 2024 13:40

Tgt Ion:136 Resp: 756220
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 10.0 8.5 12.7
68 8.7 7.4 11.2





#23

Nitrobenzene-d5

Concen: 82.000 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF137652.D

Acq: 20 Mar 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB159685BL

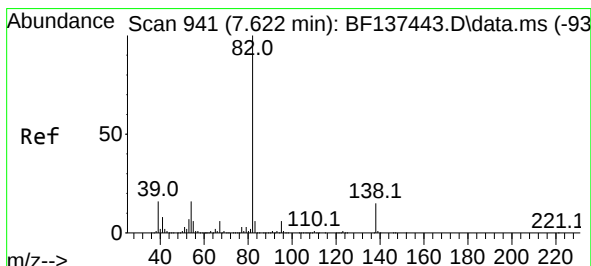
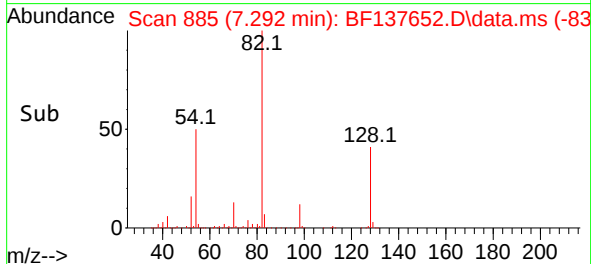
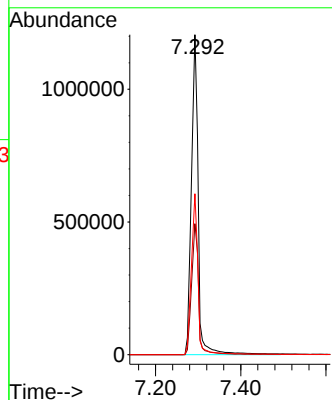
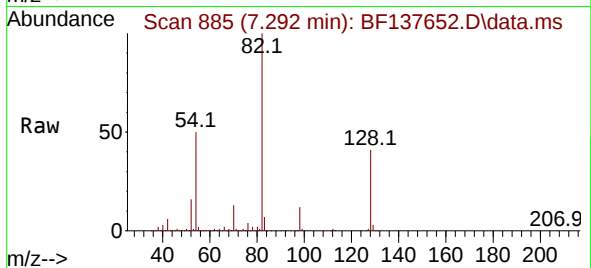
Tgt Ion: 82 Resp: 1334580

Ion Ratio Lower Upper

82 100

128 40.9 32.5 48.7

54 50.3 41.5 62.3



#25

Isophorone

Concen: 43.162 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.259 min

Lab File: BF137652.D

Acq: 20 Mar 2024 13:40

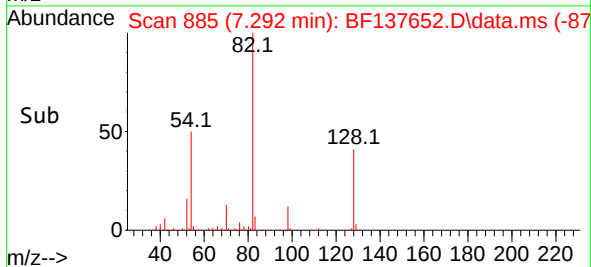
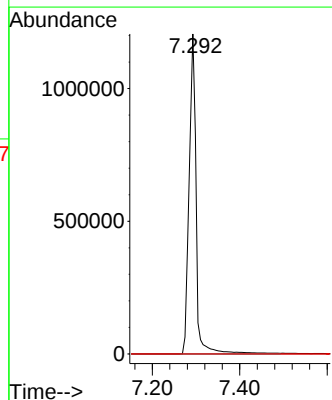
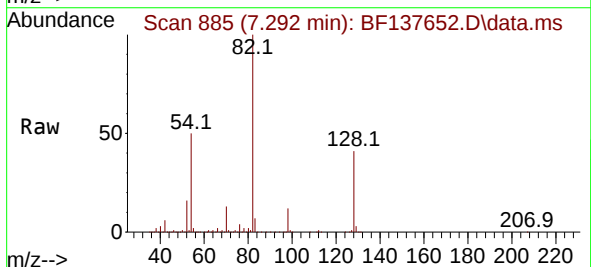
Tgt Ion: 82 Resp: 1334573

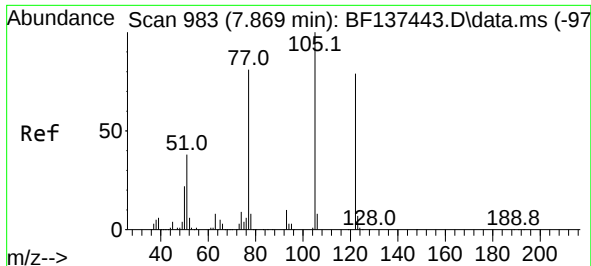
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

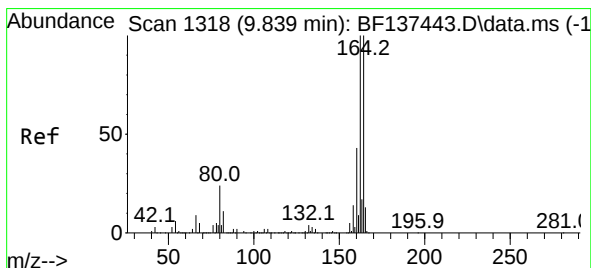
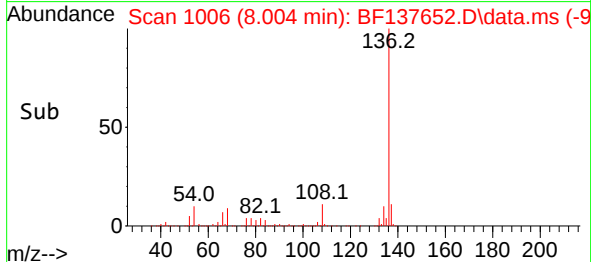
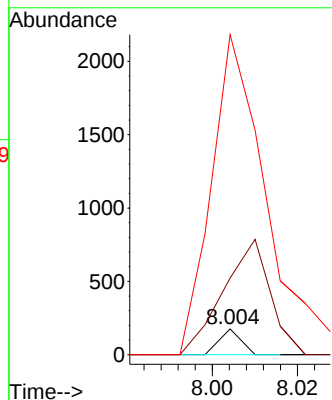
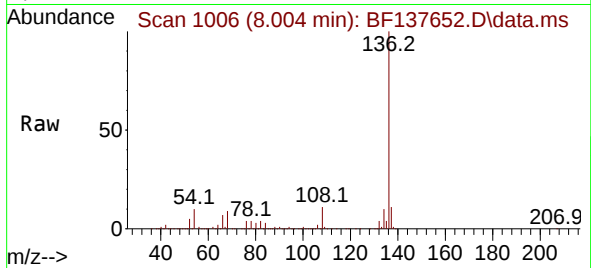




#32
Benzoic acid
Concen: 6.306 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.206 min
Lab File: BF137652.D
Acq: 20 Mar 2024 13:40

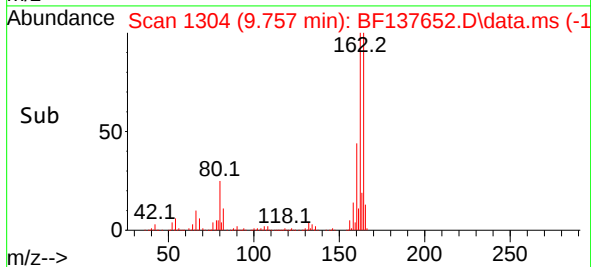
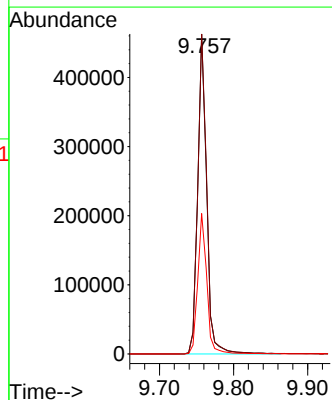
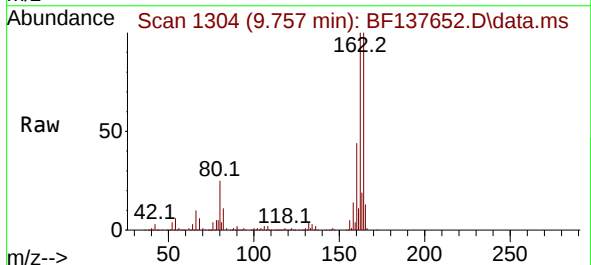
Instrument :
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ClientSampleId :
PB159685BL

Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 297.2 102.4 142.4#
77 1239.8 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: BF137652.D
Acq: 20 Mar 2024 13:40

Tgt Ion:164 Resp: 386893
Ion Ratio Lower Upper
164 100
162 100.0 79.8 119.8
160 43.9 34.4 51.6

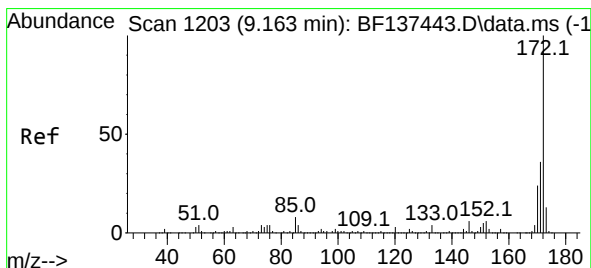
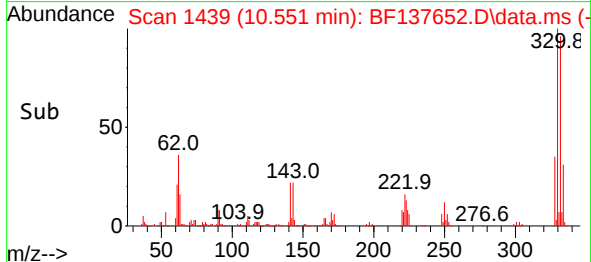
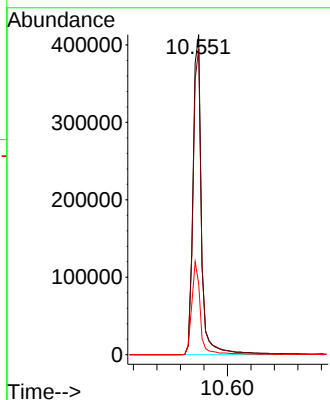
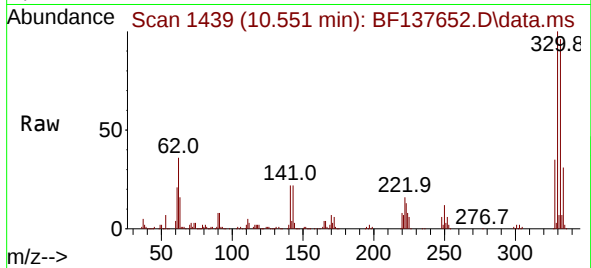




#42
 2,4,6-Tribromophenol
 Concen: 122.186 ng
 RT: 10.551 min Scan# 1453
 Delta R.T. -0.000 min
 Lab File: BF137652.D
 Acq: 20 Mar 2024 13:40

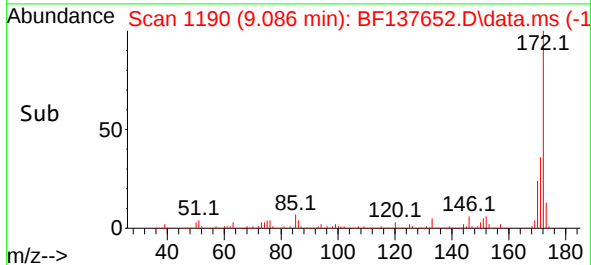
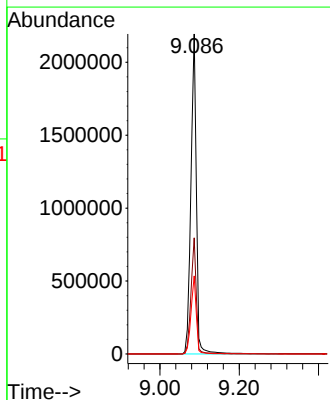
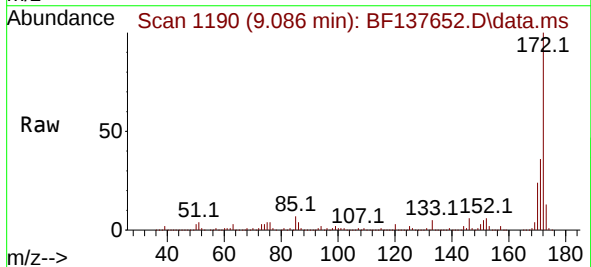
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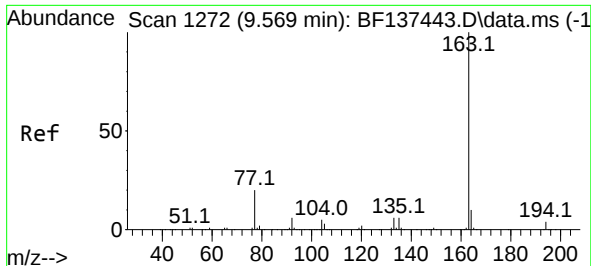
Tgt Ion:330 Resp: 415137
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.0 117.0
 141 29.8 27.3 40.9



#45
 2-Fluorobiphenyl
 Concen: 85.628 ng
 RT: 9.086 min Scan# 1190
 Delta R.T. -0.000 min
 Lab File: BF137652.D
 Acq: 20 Mar 2024 13:40

Tgt Ion:172 Resp: 2116382
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.5 42.7
 170 24.4 19.0 28.6

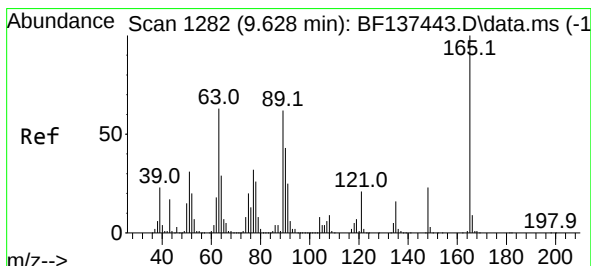
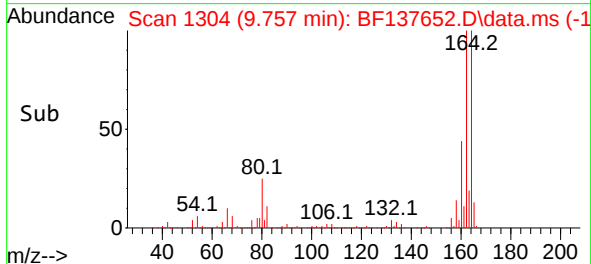
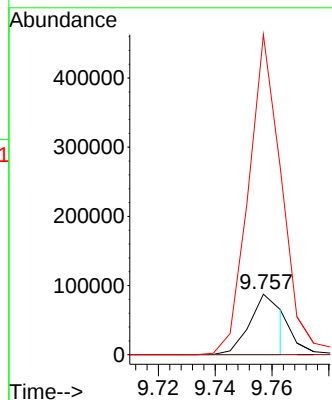
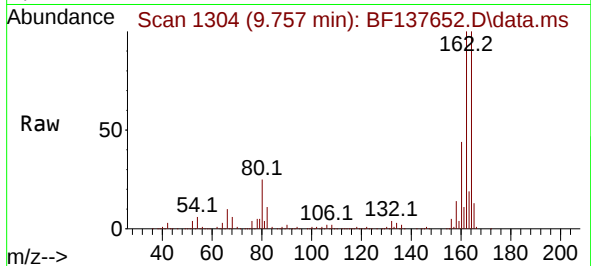




#50
Dimethylphthalate
Concen: 2.552 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137652.D
Acq: 20 Mar 2024 13:40

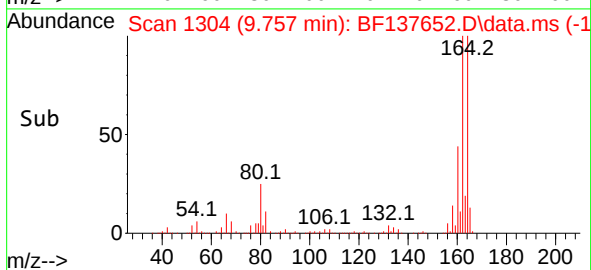
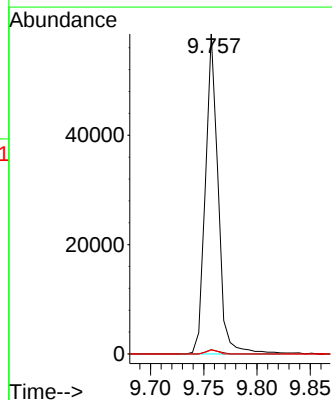
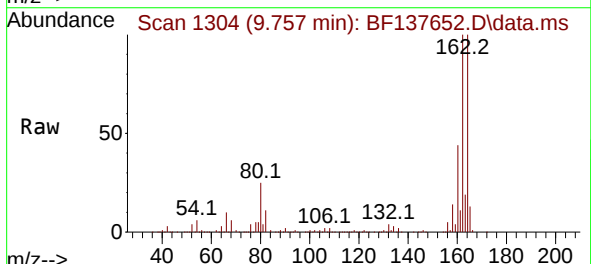
Instrument :
BNA_F
ClientSampleId :
PB159685BL

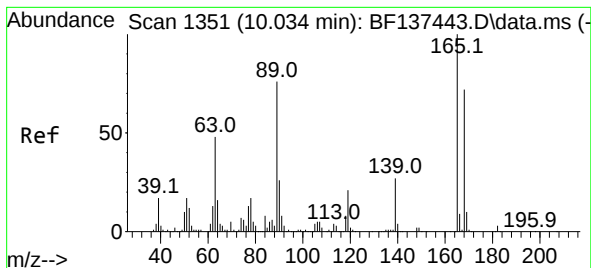
Tgt Ion:163 Resp: 68731
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 529.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.711 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137652.D
Acq: 20 Mar 2024 13:40

Tgt Ion:165 Resp: 49072
Ion Ratio Lower Upper
165 100
63 1.4 50.7 76.1#
89 1.3 50.0 75.0#

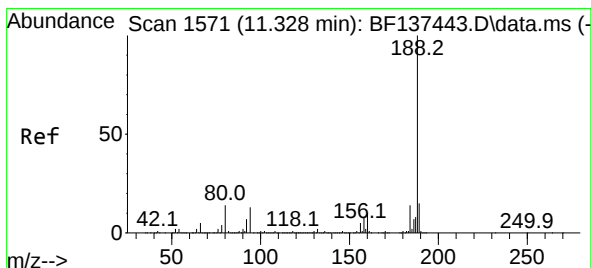
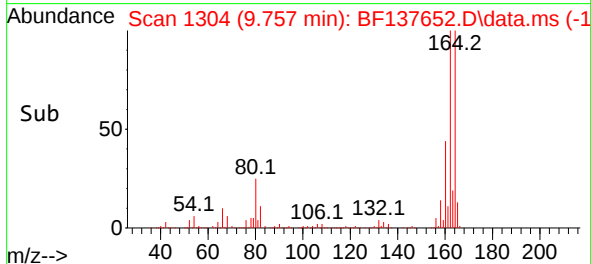
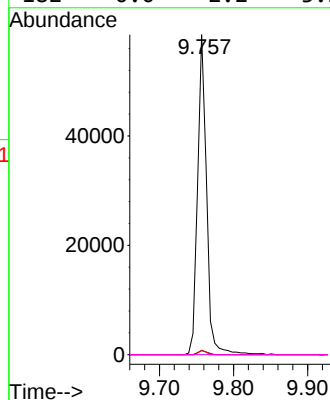
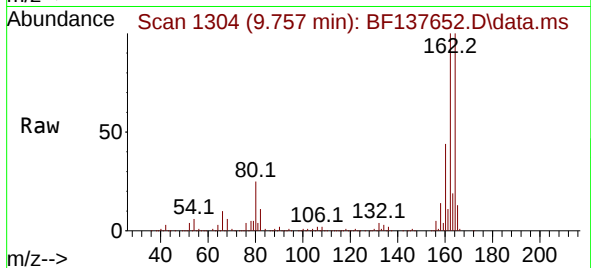




#57
2,4-Dinitrotoluene
Concen: 7.127 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137652.D
Acq: 20 Mar 2024 13:40

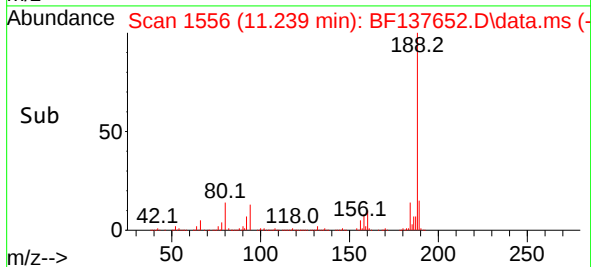
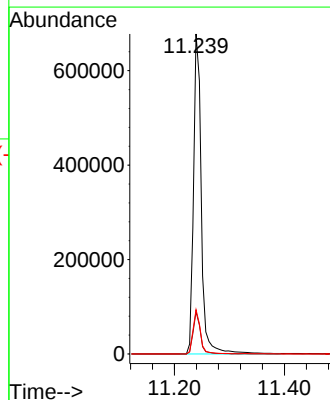
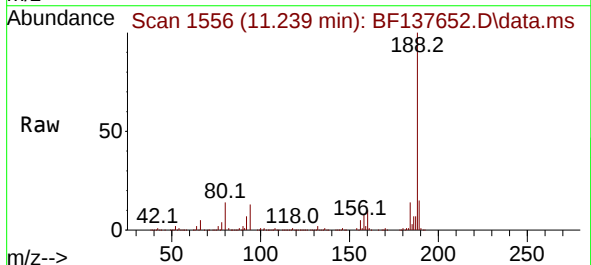
Instrument :
BNA_F
ClientSampleId :
PB159685BL

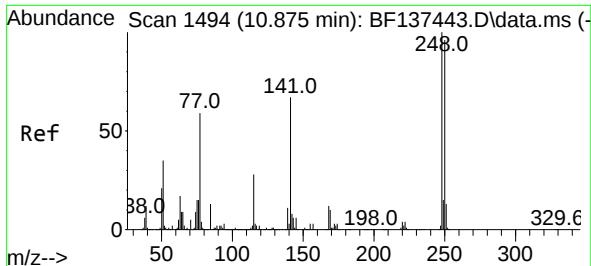
Tgt Ion:165 Resp: 49321
Ion Ratio Lower Upper
165 100
63 1.4 39.0 58.6#
89 1.3 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF137652.D
Acq: 20 Mar 2024 13:40

Tgt Ion:188 Resp: 664381
Ion Ratio Lower Upper
188 100
94 13.2 10.6 15.8
80 13.8 11.5 17.3

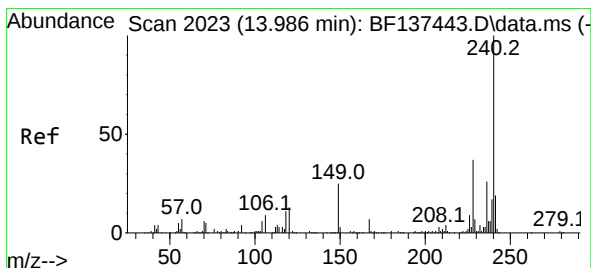
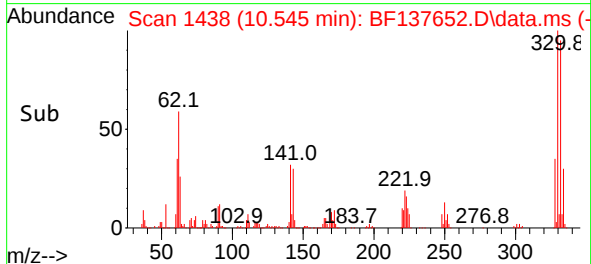
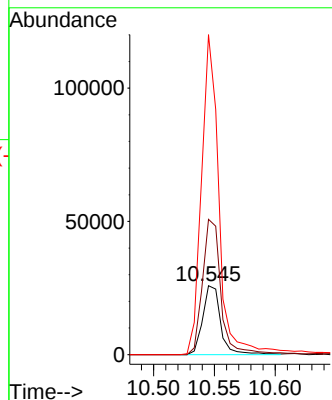
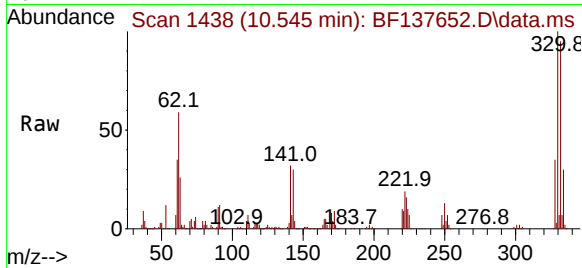




#67
4-Bromophenyl-phenylether
Concen: 3.681 ng
RT: 10.545 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF137652.D
Acq: 20 Mar 2024 13:40

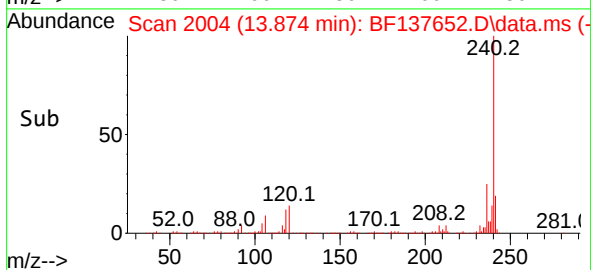
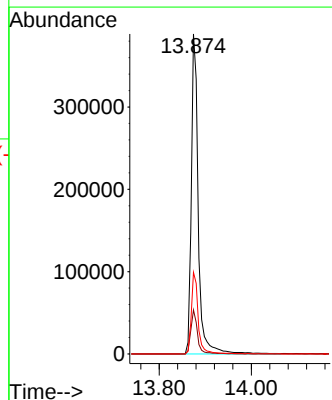
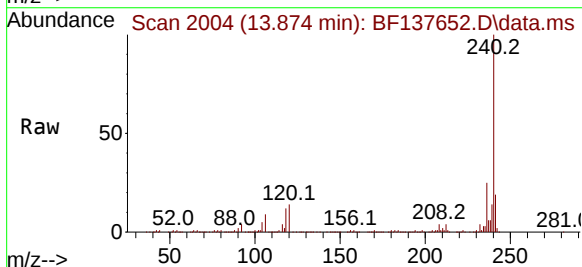
Instrument :
BNA_F
ClientSampleId :
PB159685BL

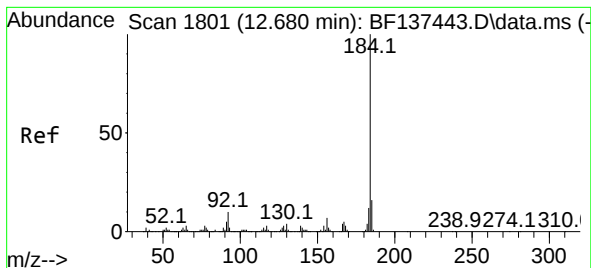
Tgt Ion:248 Resp: 26634
Ion Ratio Lower Upper
248 100
250 196.6 76.8 115.2#
141 464.5 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137652.D
Acq: 20 Mar 2024 13:40

Tgt Ion:240 Resp: 404608
Ion Ratio Lower Upper
240 100
120 13.8 10.4 15.6
236 25.5 20.9 31.3





#77

Benzidine

Concen: 2.625 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.253 min

Lab File: BF137652.D

Acq: 20 Mar 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB159685BL

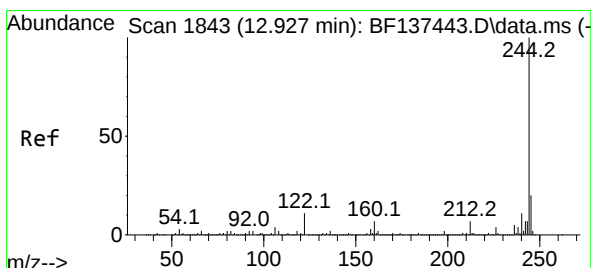
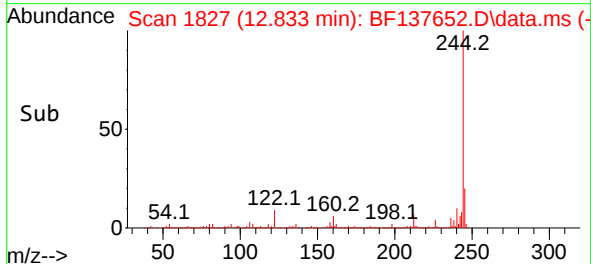
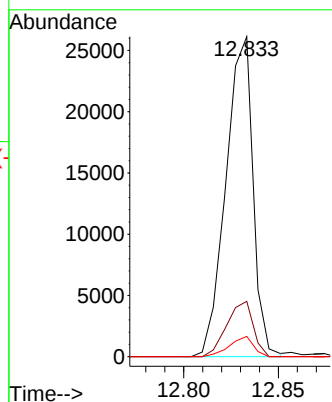
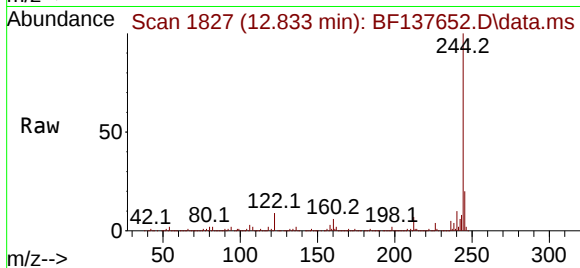
Tgt Ion:184 Resp: 25992

Ion Ratio Lower Upper

184 100

185 17.3 13.2 19.8

183 6.4 9.3 13.9#



#79

Terphenyl-d14

Concen: 77.550 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF137652.D

Acq: 20 Mar 2024 13:40

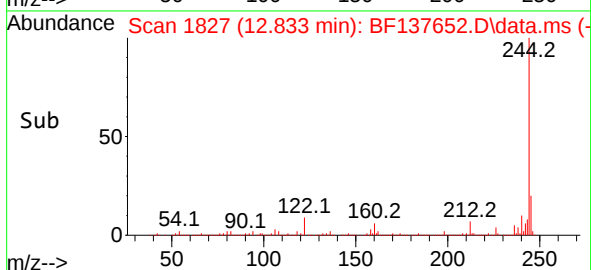
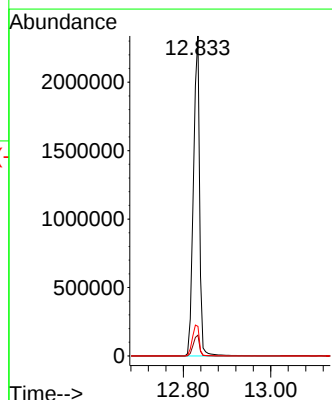
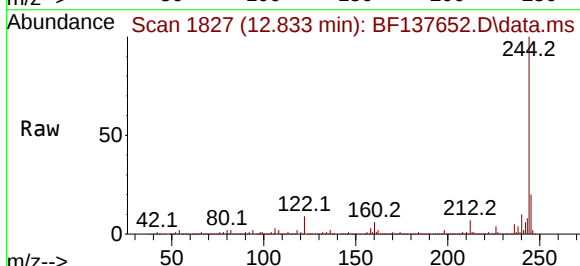
Tgt Ion:244 Resp: 2281801

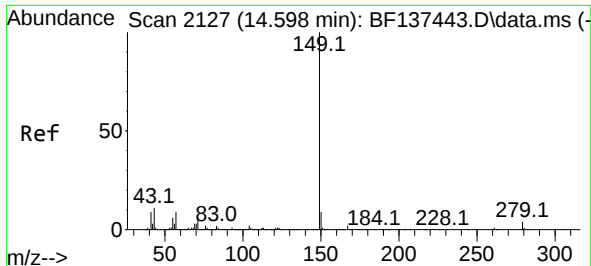
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 9.2 9.1 13.7

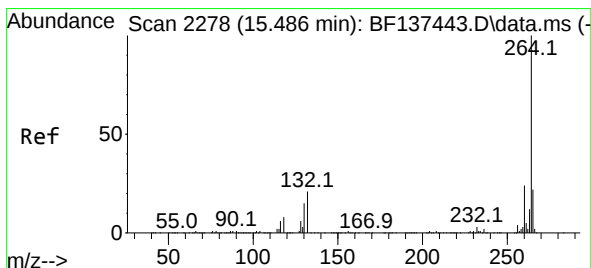
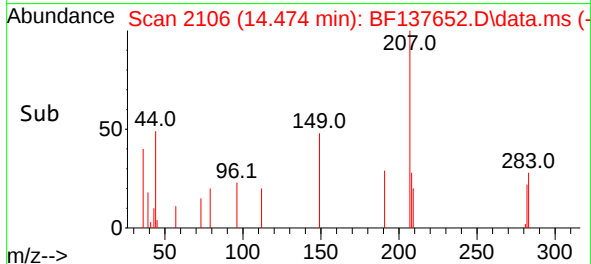
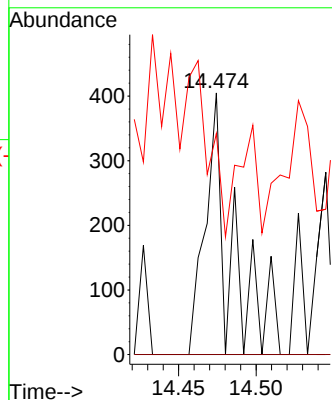
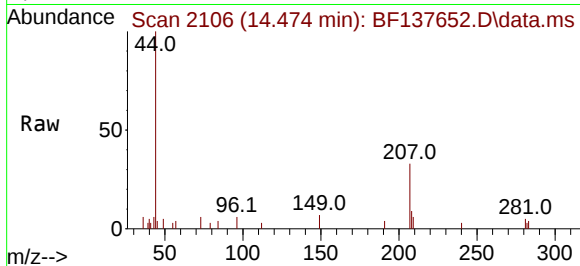




#85
Di-n-octyl phthalate
Concen: 5.624 ng
RT: 14.474 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BF137652.D
Acq: 20 Mar 2024 13:40

Instrument :
BNA_F
ClientSampleId :
PB159685BL

Tgt Ion:149 Resp: 475
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: BF137652.D
Acq: 20 Mar 2024 13:40

Tgt Ion:264 Resp: 333350
Ion Ratio Lower Upper
264 100
260 23.7 19.3 28.9
265 21.0 17.4 26.0

