

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137590.D
 Acq On : 14 Mar 2024 15:01
 Operator : CG\JU
 Sample : PB159568BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159568BL

Quant Time: Mar 14 15:34:10 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)

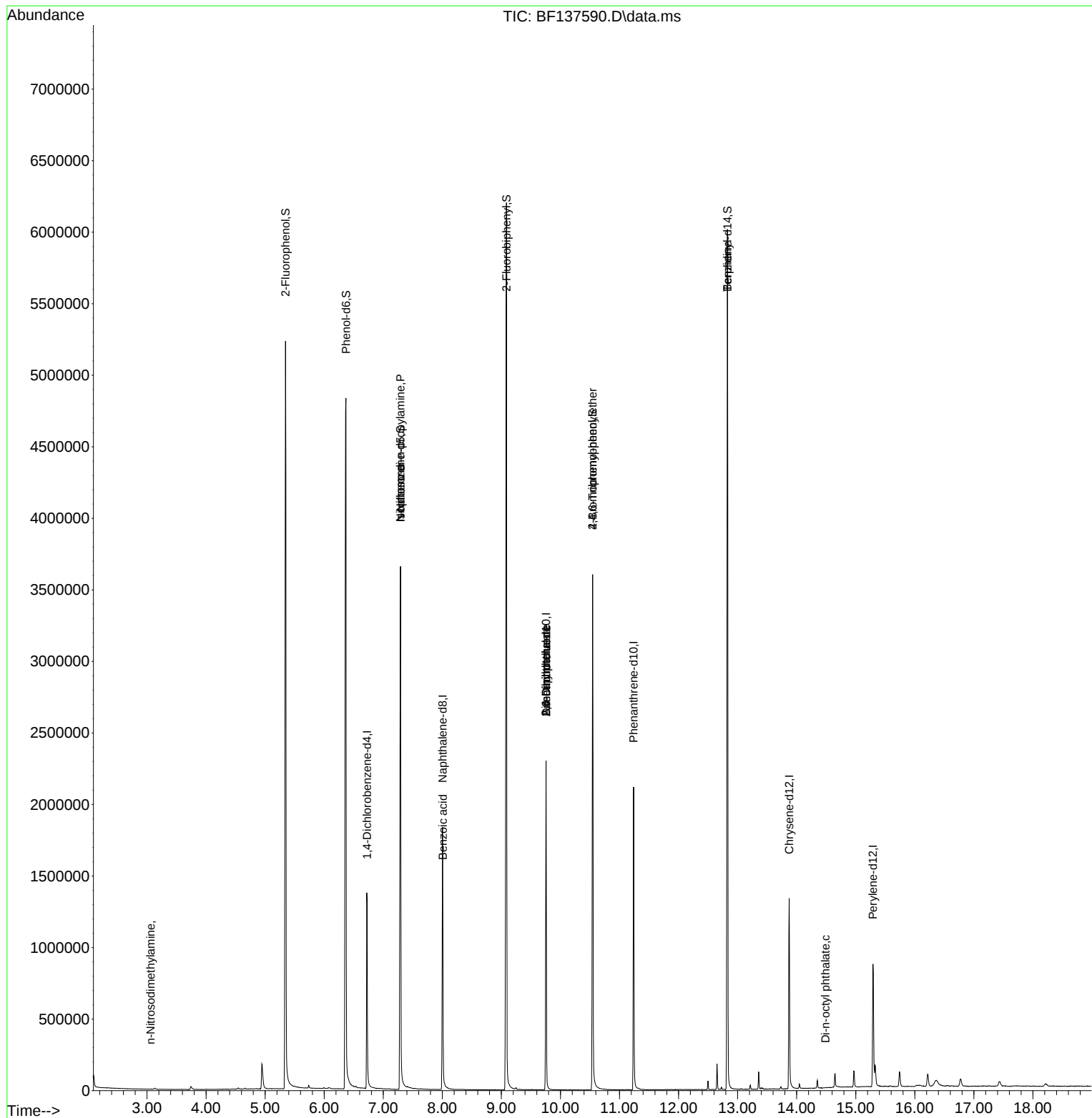
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	225387	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	874080	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	444676	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	755594	20.000	ng	0.00
76) Chrysene-d12	13.874	240	474210	20.000	ng	0.00
86) Perylene-d12	15.292	264	413045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1719018	115.513	ng	0.01
7) Phenol-d6	6.369	99	2306518	107.374	ng	0.00
23) Nitrobenzene-d5	7.292	82	1427811	75.899	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	462294	118.384	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2261055	79.594	ng	0.00
79) Terphenyl-d14	12.827	244	2315663	67.149	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.063	42	588	3.877	ng	# 1
19) n-Nitroso-di-n-propyla...	7.292	70	184388	13.900	ng	# 79
25) Isophorone	7.292	82	1427799	39.950	ng	# 69
32) Benzoic acid	8.010	122	150	6.315	ng	# 1
50) Dimethylphthalate	9.757	163	83979	2.713	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	57683	8.909	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	57746	7.260	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	31305	3.804	ng	# 1
77) Benzidine	12.827	184	27386	2.360	ng	# 93
85) Di-n-octyl phthalate	14.486	149	1105	5.640	ng	# 72

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

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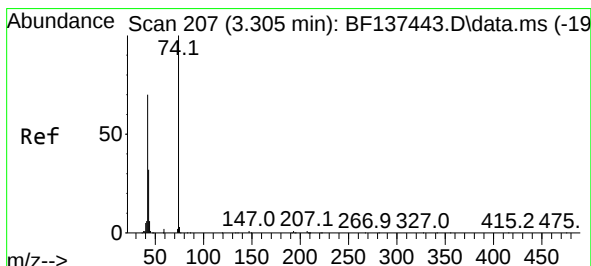
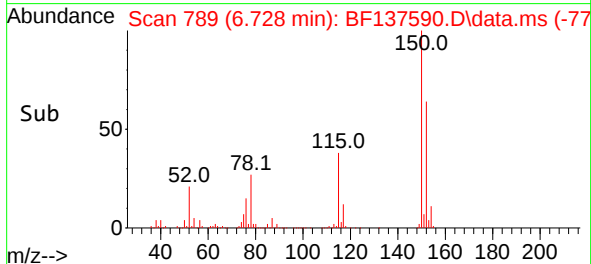
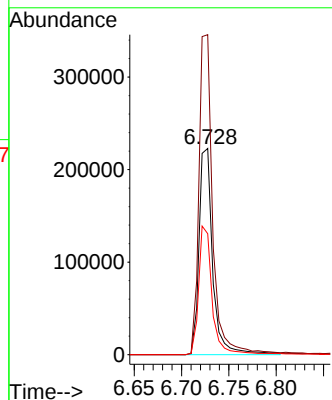
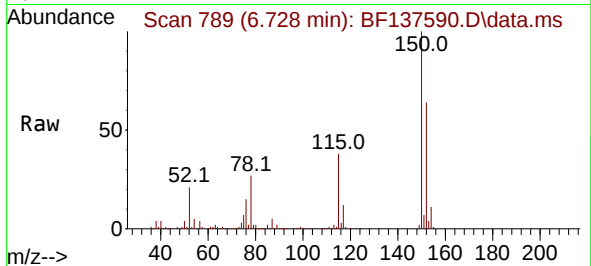




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137590.D
Acq: 14 Mar 2024 15:01

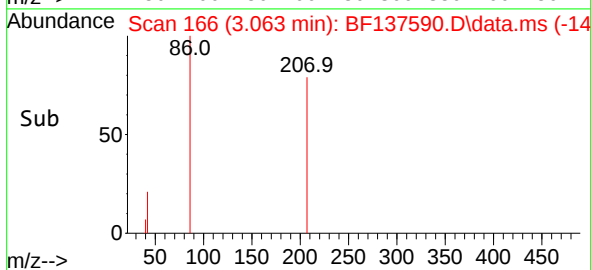
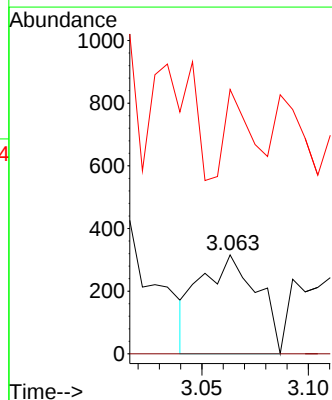
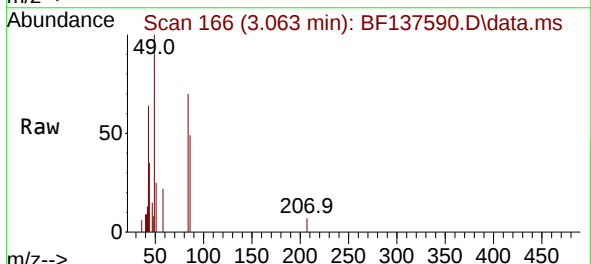
Instrument :
BNA_F
ClientSampleId :
PB159568BL

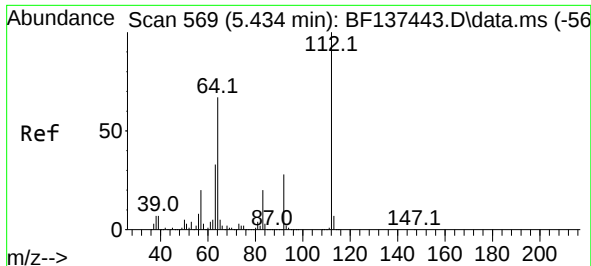
Tgt Ion:152 Resp: 225387
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 58.7 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.877 ng
RT: 3.063 min Scan# 166
Delta R.T. 0.023 min
Lab File: BF137590.D
Acq: 14 Mar 2024 15:01

Tgt Ion: 42 Resp: 588
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 267.1 7.0 10.4#

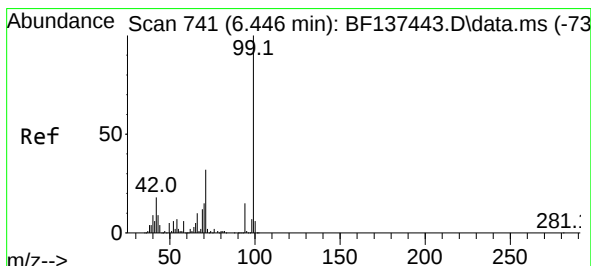
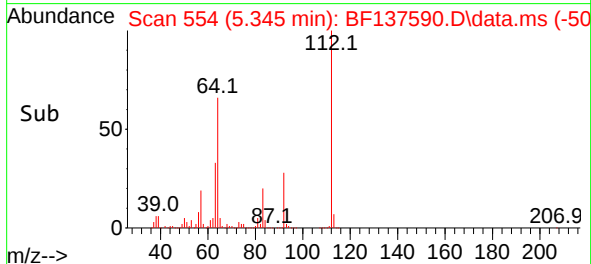
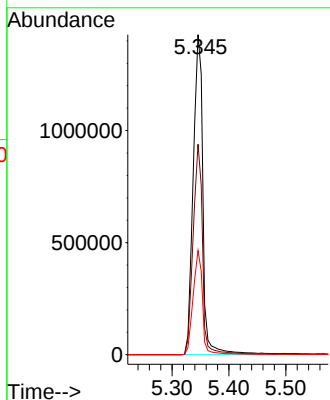
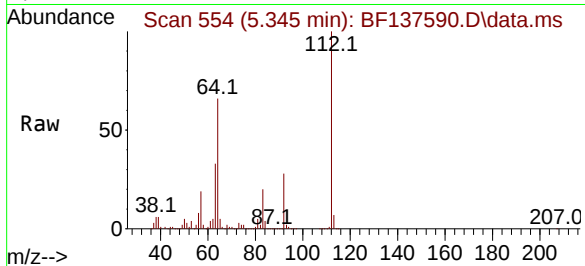




#5
2-Fluorophenol
Concen: 115.513 ng
RT: 5.345 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137590.D
Acq: 14 Mar 2024 15:01

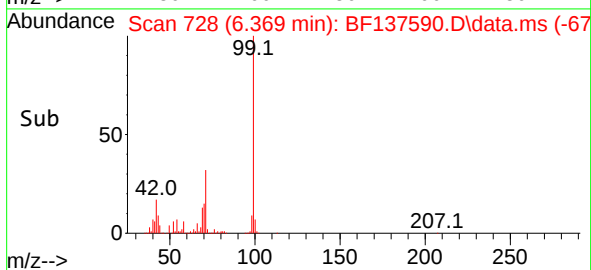
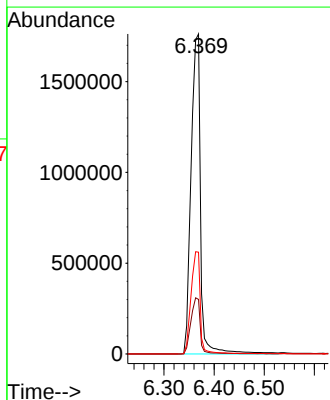
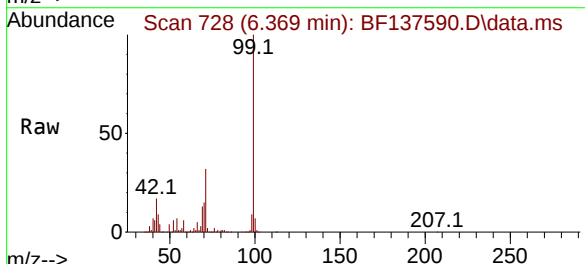
Instrument :
BNA_F
ClientSampleId :
PB159568BL

Tgt Ion:112 Resp: 1719018
Ion Ratio Lower Upper
112 100
64 65.7 53.4 80.2
63 32.6 26.2 39.2



#7
Phenol-d6
Concen: 107.374 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF137590.D
Acq: 14 Mar 2024 15:01

Tgt Ion: 99 Resp: 2306518
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 31.8 25.3 37.9



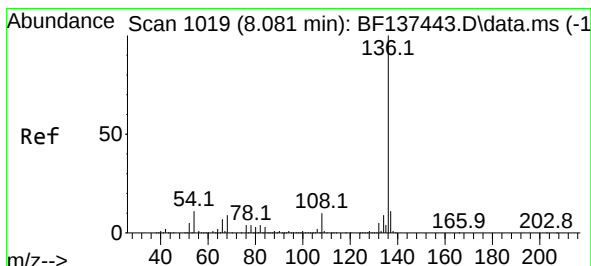
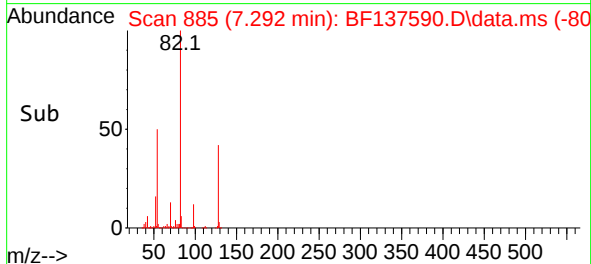
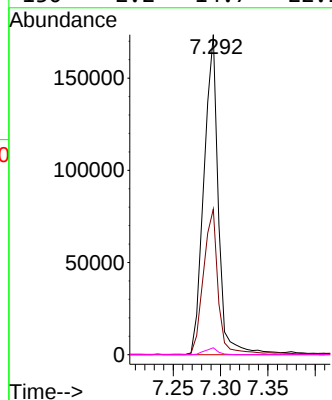
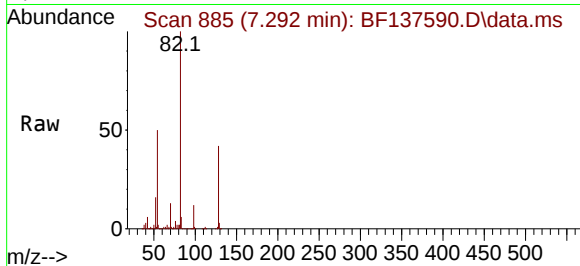


#19
n-Nitroso-di-n-propylamine
Concen: 13.900 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF137590.D
Acq: 14 Mar 2024 15:01

Instrument :
BNA_F
ClientSampleId :
PB159568BL

Tgt Ion: 70 Resp: 184388

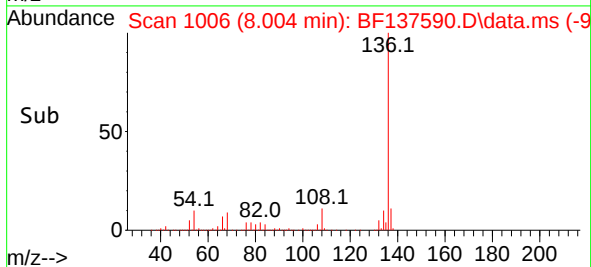
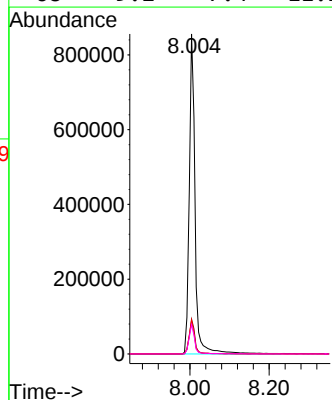
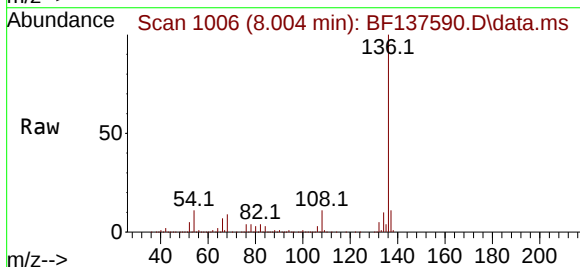
Ion	Ratio	Lower	Upper
70	100		
42	45.5	45.2	67.8
101	0.0	7.3	10.9#
130	2.2	14.7	22.1#

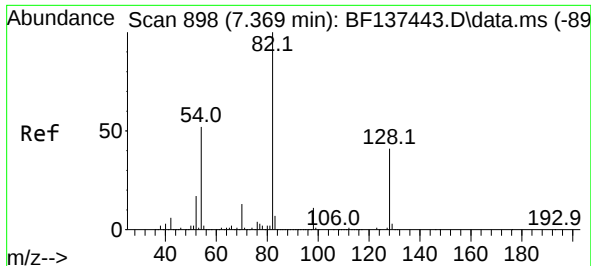


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137590.D
Acq: 14 Mar 2024 15:01

Tgt Ion: 136 Resp: 874080

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.6	8.5	12.7
68	9.2	7.4	11.2





#23

Nitrobenzene-d5

Concen: 75.899 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF137590.D

Acq: 14 Mar 2024 15:01

Instrument :

BNA_F

ClientSampleId :

PB159568BL

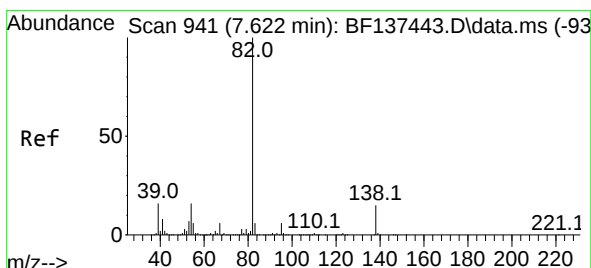
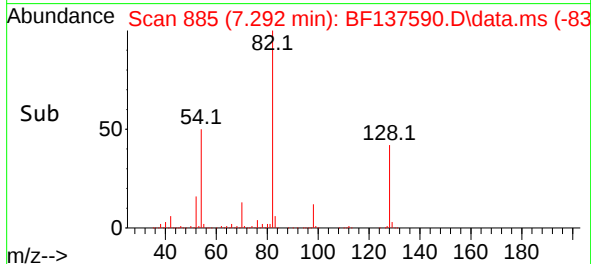
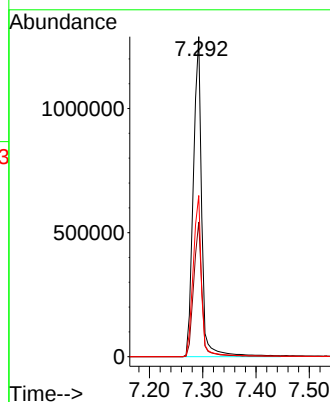
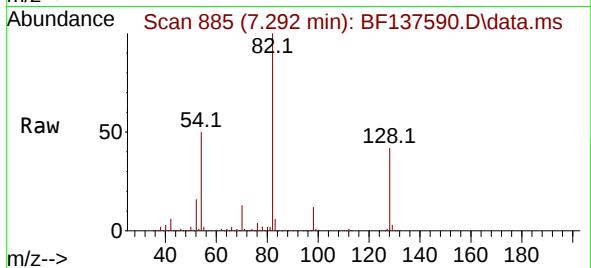
Tgt Ion: 82 Resp: 1427811

Ion Ratio Lower Upper

82 100

128 42.1 32.5 48.7

54 50.3 41.5 62.3



#25

Isophorone

Concen: 39.950 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.259 min

Lab File: BF137590.D

Acq: 14 Mar 2024 15:01

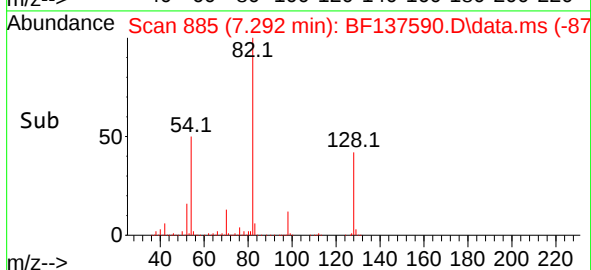
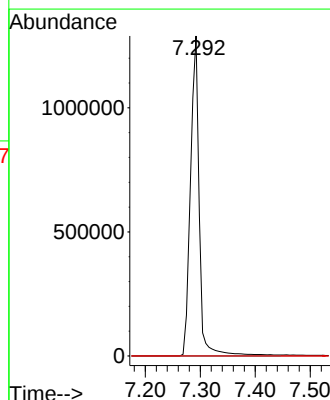
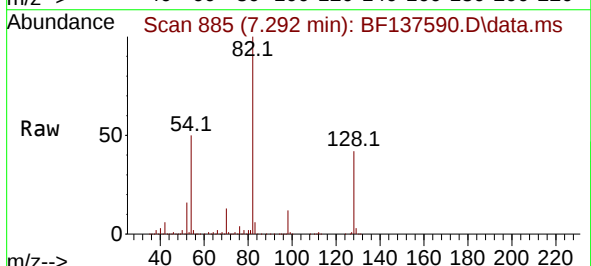
Tgt Ion: 82 Resp: 1427799

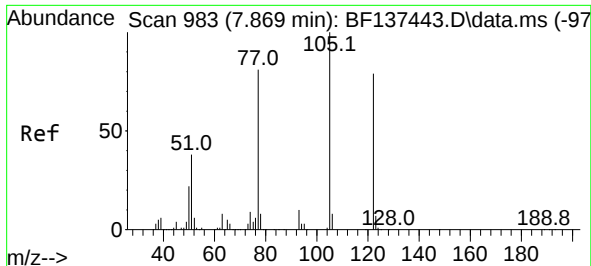
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

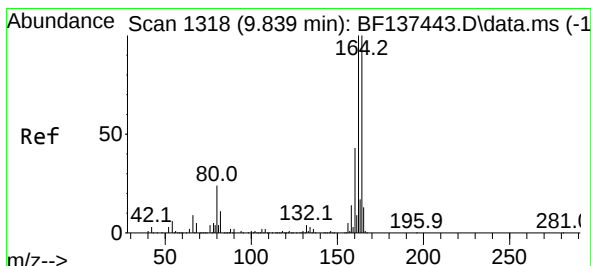
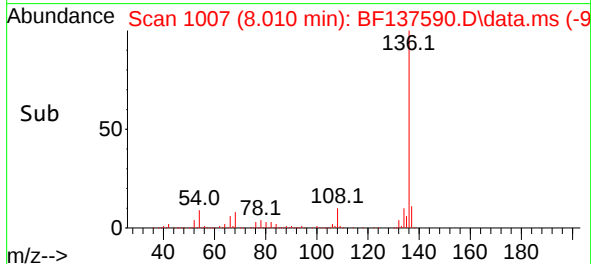
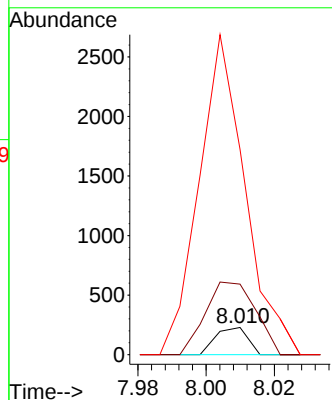
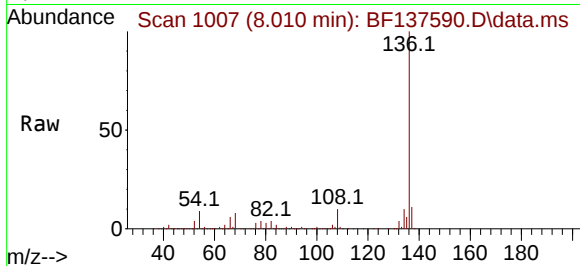




#32
Benzoic acid
Concen: 6.315 ng
RT: 8.010 min Scan# 10
Delta R.T. 0.212 min
Lab File: BF137590.D
Acq: 14 Mar 2024 15:01

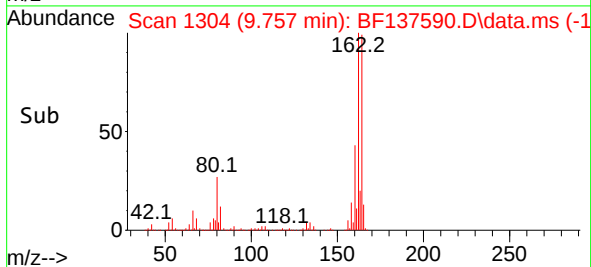
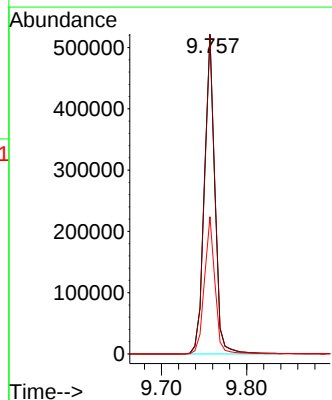
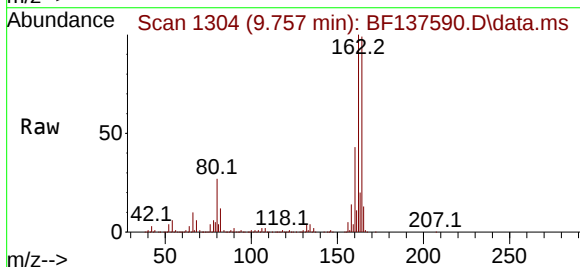
Instrument :
BNA_F
ClientSampleId :
PB159568BL

Tgt Ion:122 Resp: 150
Ion Ratio Lower Upper
122 100
105 259.6 102.4 142.4#
77 755.7 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: BF137590.D
Acq: 14 Mar 2024 15:01

Tgt Ion:164 Resp: 444676
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 43.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 118.384 ng

RT: 10.545 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137590.D

Acq: 14 Mar 2024 15:01

Instrument :

BNA_F

ClientSampleId :

PB159568BL

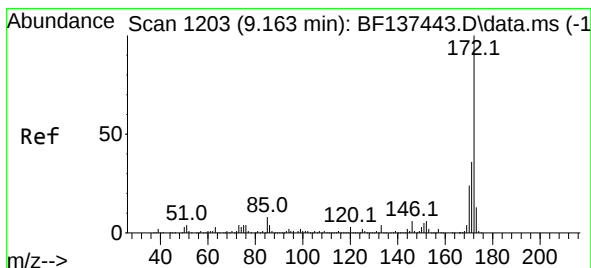
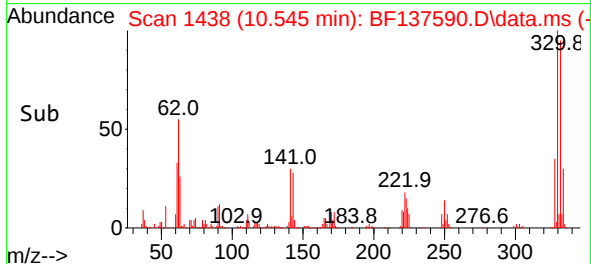
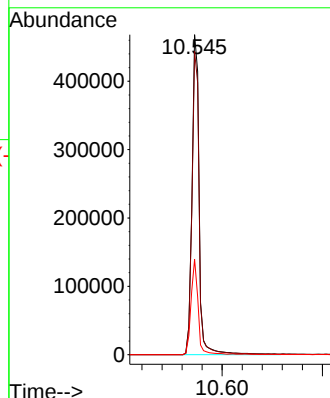
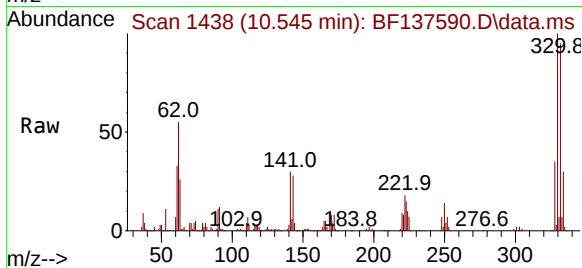
Tgt Ion:330 Resp: 462294

Ion Ratio Lower Upper

330 100

332 95.7 78.0 117.0

141 29.3 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 79.594 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137590.D

Acq: 14 Mar 2024 15:01

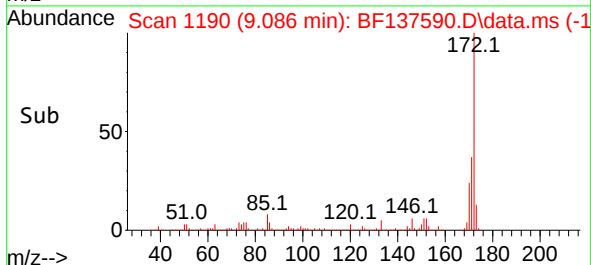
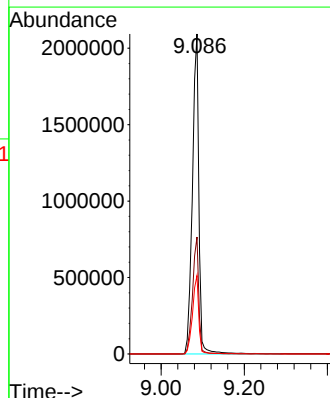
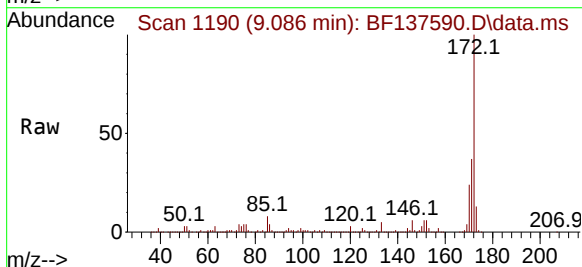
Tgt Ion:172 Resp: 2261055

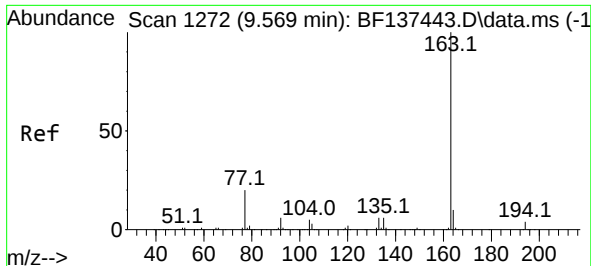
Ion Ratio Lower Upper

172 100

171 36.6 28.5 42.7

170 24.5 19.0 28.6

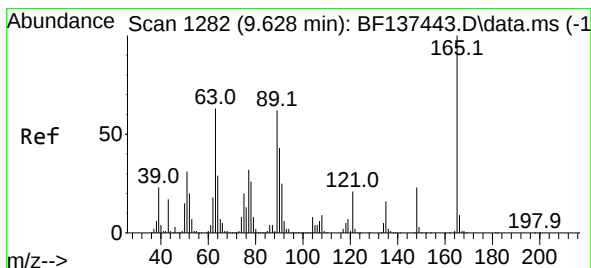
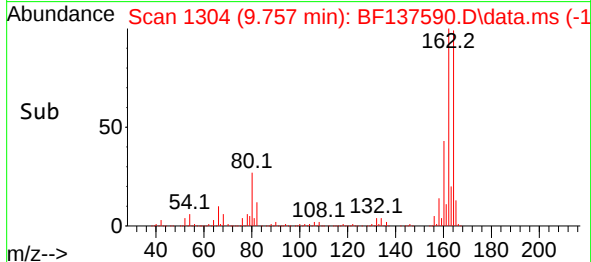
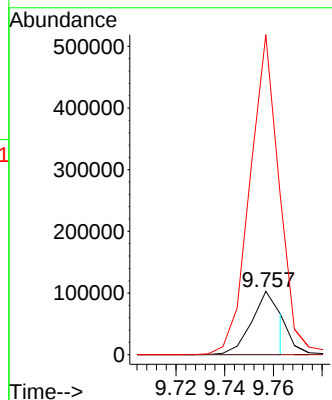
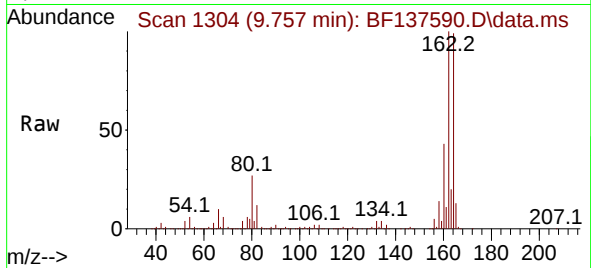




#50
Dimethylphthalate
Concen: 2.713 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.264 min
Lab File: BF137590.D
Acq: 14 Mar 2024 15:01

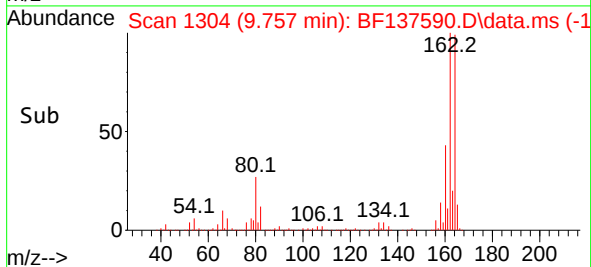
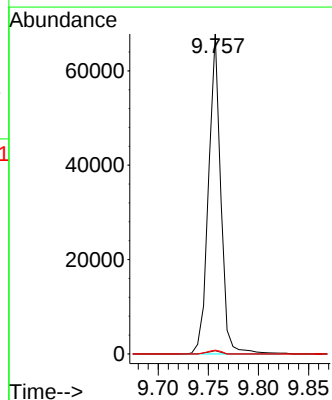
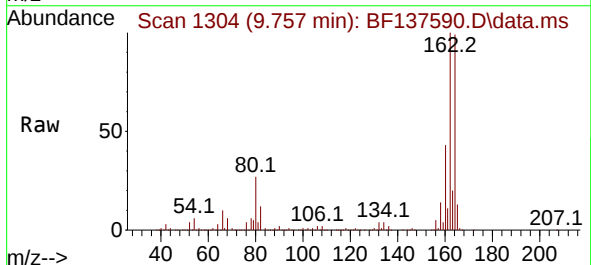
Instrument :
BNA_F
ClientSampleId :
PB159568BL

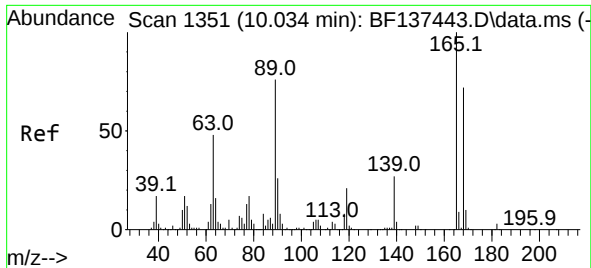
Tgt Ion:163 Resp: 83979
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 505.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.909 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137590.D
Acq: 14 Mar 2024 15:01

Tgt Ion:165 Resp: 57683
Ion Ratio Lower Upper
165 100
63 1.0 50.7 76.1#
89 1.2 50.0 75.0#

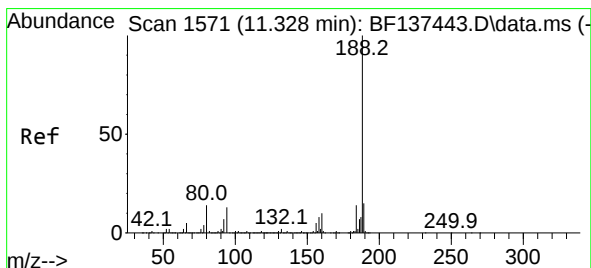
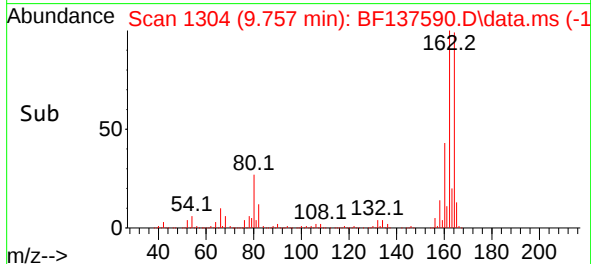
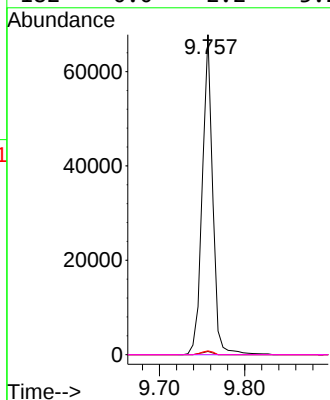
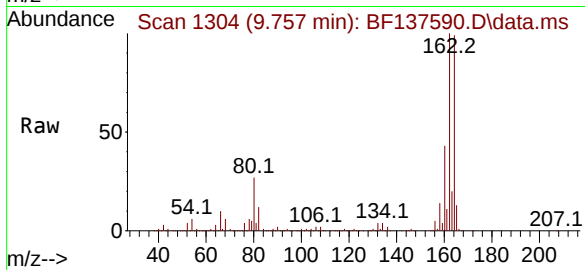




#57
2,4-Dinitrotoluene
Concen: 7.260 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137590.D
Acq: 14 Mar 2024 15:01

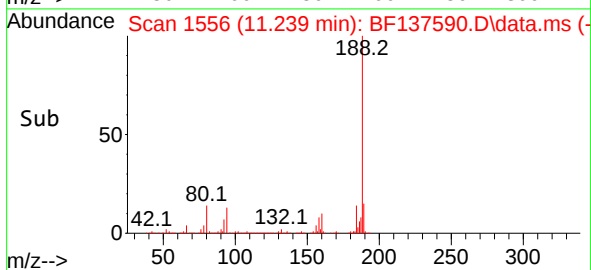
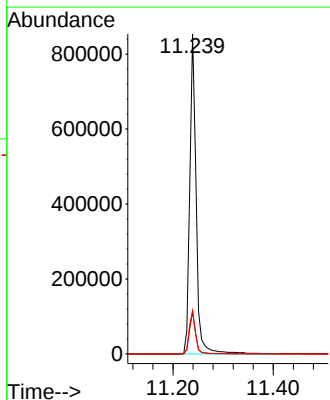
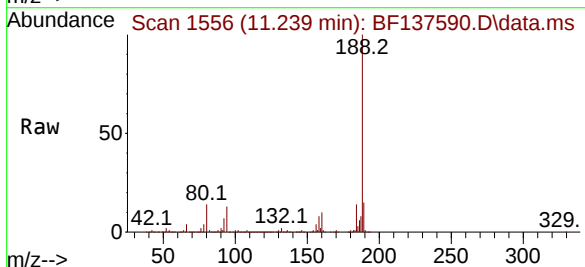
Instrument :
BNA_F
ClientSampleId :
PB159568BL

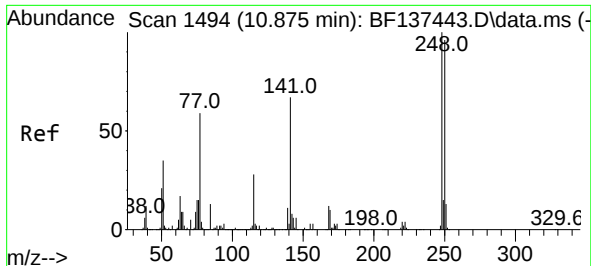
Tgt Ion:165 Resp: 57746
Ion Ratio Lower Upper
165 100
63 1.0 39.0 58.6#
89 1.2 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF137590.D
Acq: 14 Mar 2024 15:01

Tgt Ion:188 Resp: 755594
Ion Ratio Lower Upper
188 100
94 13.1 10.6 15.8
80 13.6 11.5 17.3

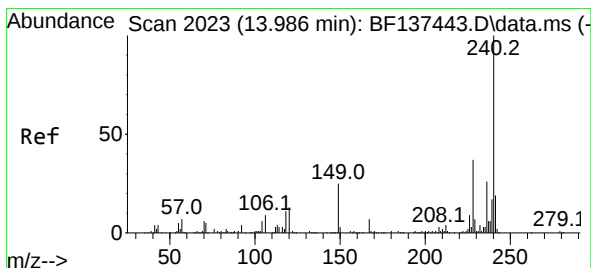
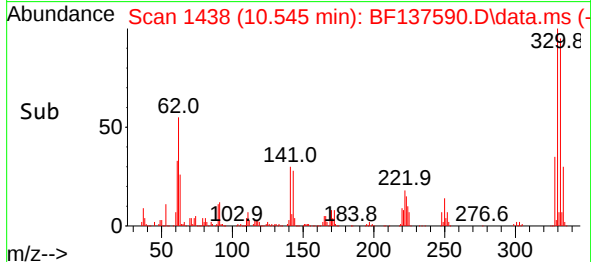
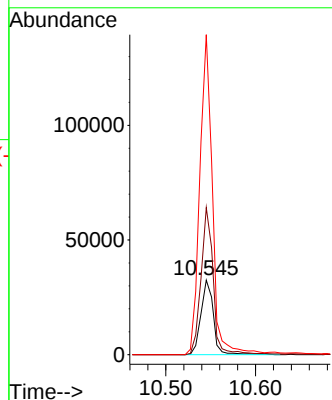
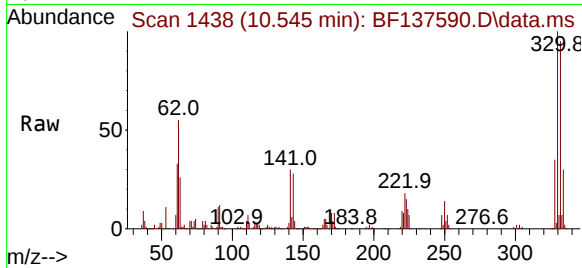




#67
4-Bromophenyl-phenylether
Concen: 3.804 ng
RT: 10.545 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF137590.D
Acq: 14 Mar 2024 15:01

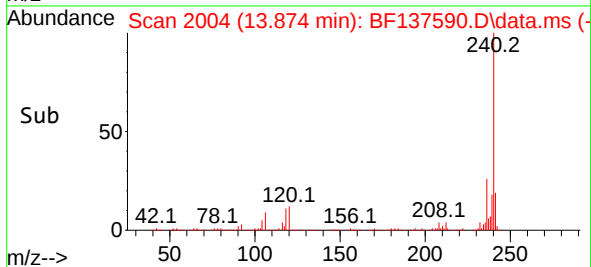
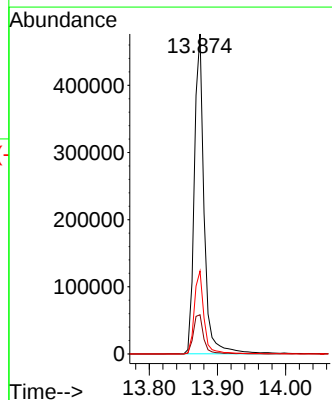
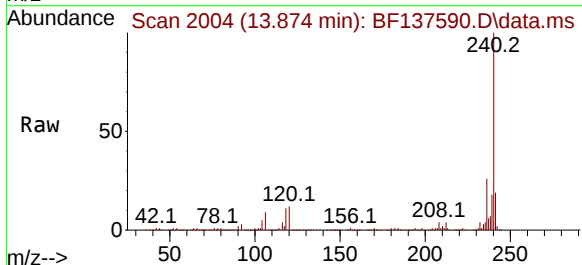
Instrument :
BNA_F
ClientSampleId :
PB159568BL

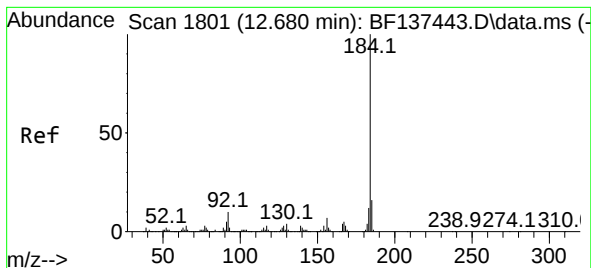
Tgt Ion:248 Resp: 31305
Ion Ratio Lower Upper
248 100
250 197.0 76.8 115.2#
141 428.7 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137590.D
Acq: 14 Mar 2024 15:01

Tgt Ion:240 Resp: 474210
Ion Ratio Lower Upper
240 100
120 12.3 10.4 15.6
236 25.9 20.9 31.3





#77

Benzidine

Concen: 2.360 ng

RT: 12.827 min Scan# 1826

Delta R.T. 0.247 min

Lab File: BF137590.D

Acq: 14 Mar 2024 15:01

Instrument :

BNA_F

ClientSampleId :

PB159568BL

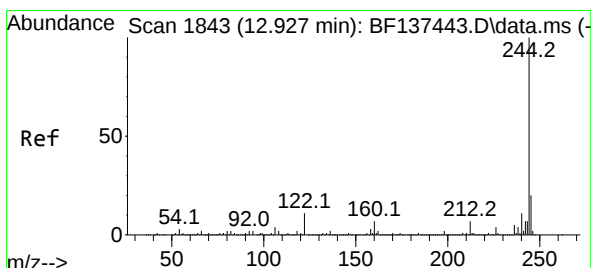
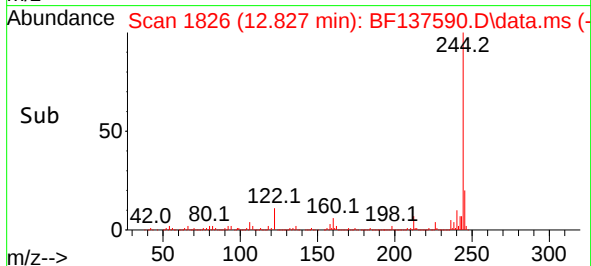
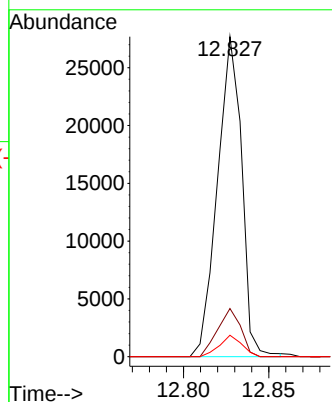
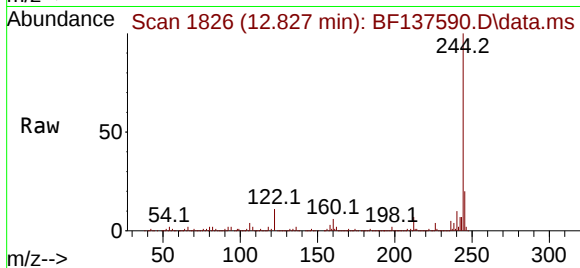
Tgt Ion:184 Resp: 27386

Ion Ratio Lower Upper

184 100

185 15.1 13.2 19.8

183 6.7 9.3 13.9#



#79

Terphenyl-d14

Concen: 67.149 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BF137590.D

Acq: 14 Mar 2024 15:01

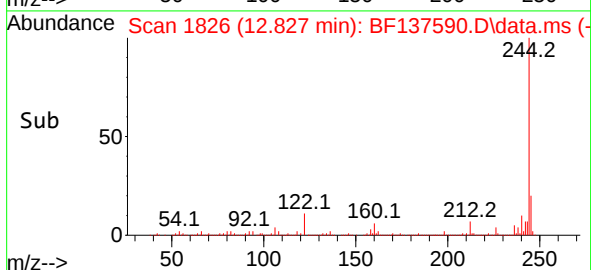
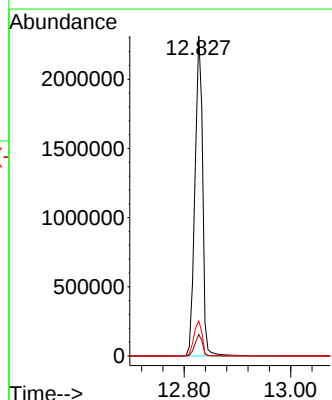
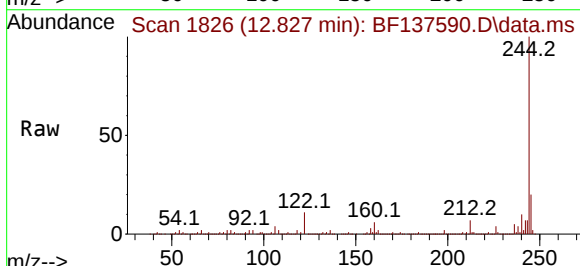
Tgt Ion:244 Resp: 2315663

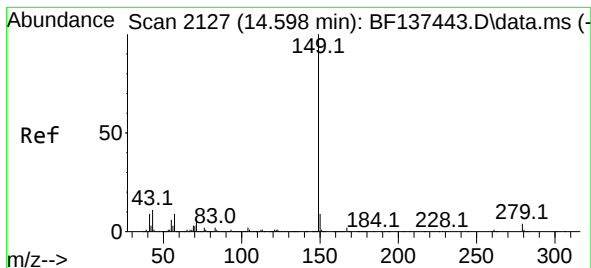
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.9 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.640 ng

RT: 14.486 min Scan# 2127

Delta R.T. 0.012 min

Lab File: BF137590.D

Acq: 14 Mar 2024 15:01

Instrument :

BNA_F

ClientSampleId :

PB159568BL

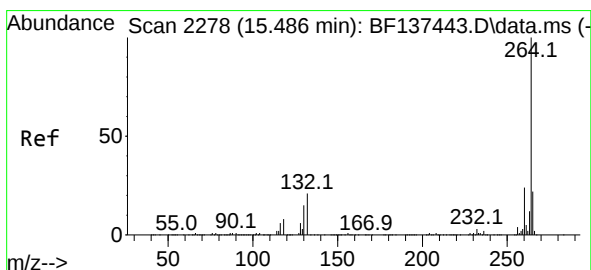
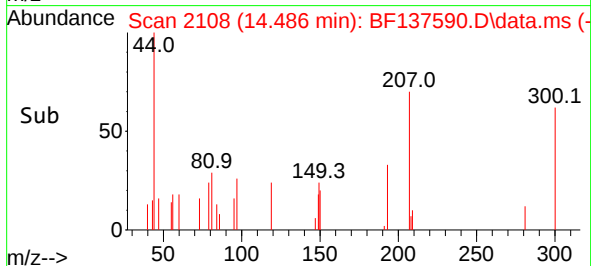
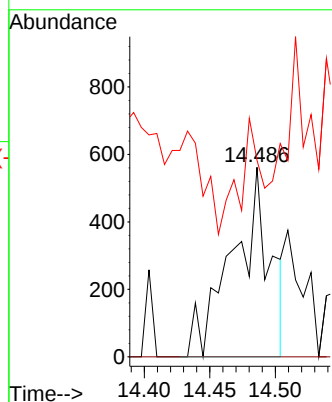
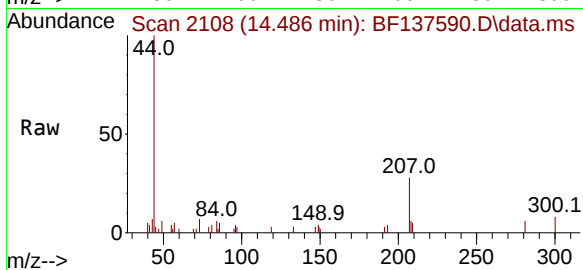
Tgt Ion:149 Resp: 1105

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: 15.292 min Scan# 2245

Delta R.T. -0.006 min

Lab File: BF137590.D

Acq: 14 Mar 2024 15:01

Tgt Ion:264 Resp: 413045

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 22.0 17.4 26.0

