

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
 Data File : BF137501.D
 Acq On : 05 Mar 2024 15:30
 Operator : CG\JU
 Sample : P1672-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Mar 05 15:51:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

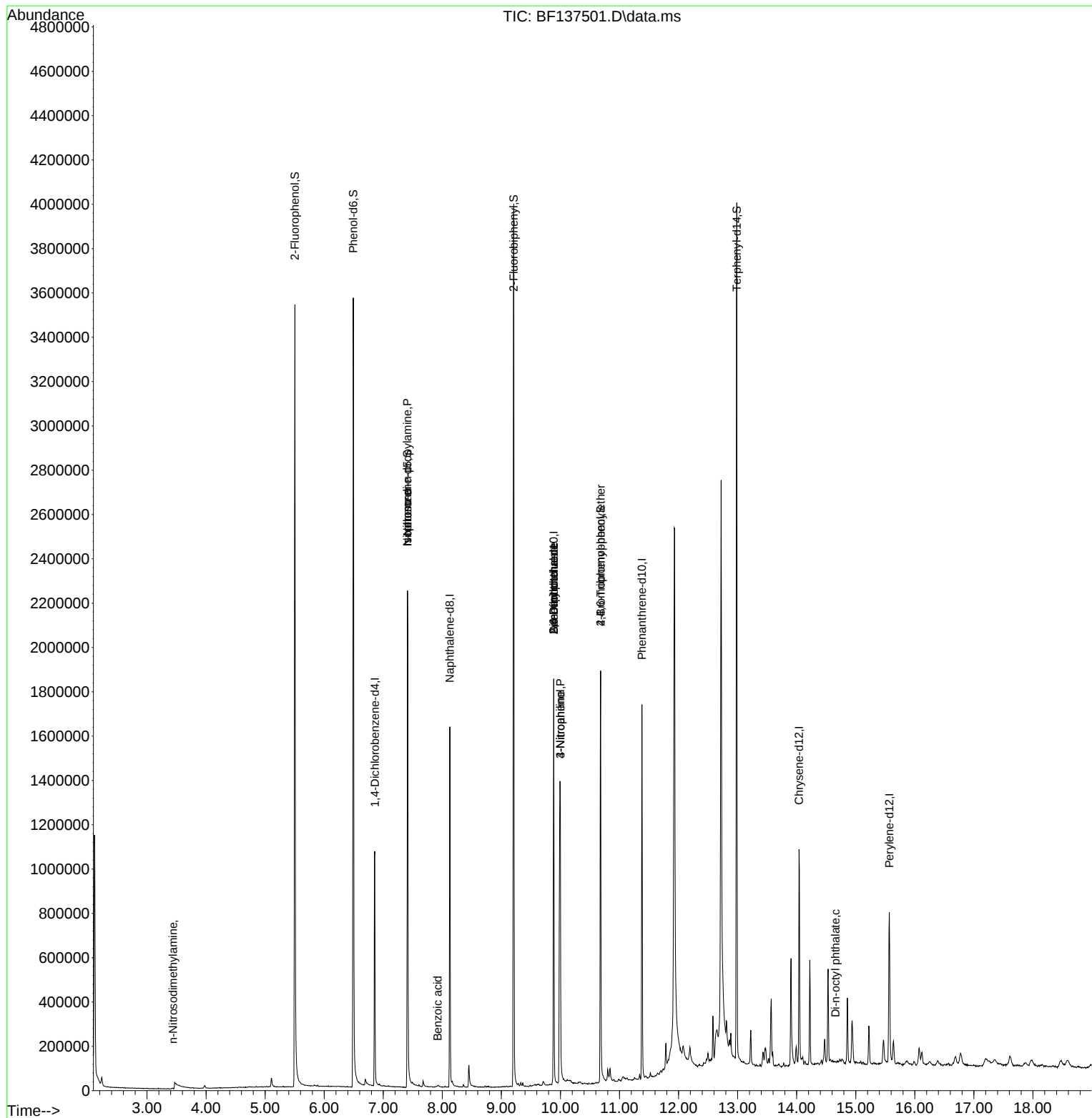
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	165207	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	630889	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	337272	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	573517	20.000	ng	0.00
76) Chrysene-d12	14.039	240	343920	20.000	ng	-0.01
86) Perylene-d12	15.568	264	346407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	966336	88.589	ng	0.00
7) Phenol-d6	6.492	99	1324329	84.109	ng	-0.01
23) Nitrobenzene-d5	7.410	82	778536	57.338	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	208634	70.441	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1276540	59.247	ng	0.00
79) Terphenyl-d14	12.986	244	1331743	53.247	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.440	42	137	3.830	ng	# 1
19) n-Nitroso-di-n-propyla...	7.410	70	102398	10.531	ng	# 83
25) Isophorone	7.410	82	778531	30.180	ng	# 69
32) Benzoic acid	7.922	122	56	6.307	ng	# 35
50) Dimethylphthalate	9.886	163	56547	2.409	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	44441	9.050	ng	# 20
53) 3-Nitroaniline	9.998	138	11685	2.250	ng	# 1
56) 4-Nitrophenol	9.998	139	1295	4.857	ng	# 1
57) 2,4-Dinitrotoluene	9.886	165	44441	7.366	ng	# 21
67) 4-Bromophenyl-phenylether	10.680	248	14386	2.303	ng	# 1
85) Di-n-octyl phthalate	14.657	149	357	5.622	ng	# 47

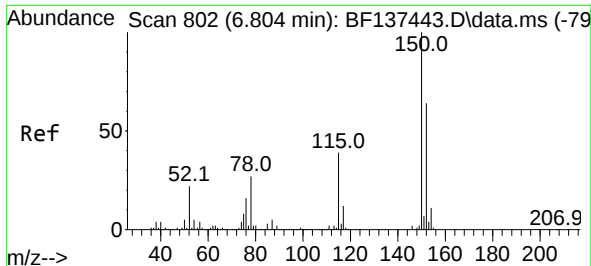
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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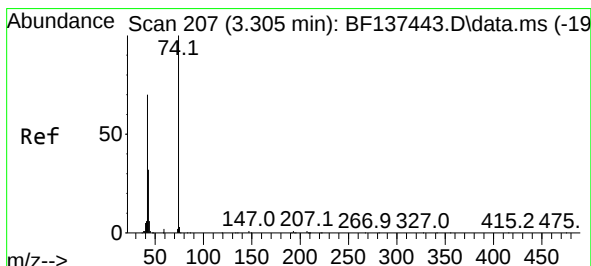
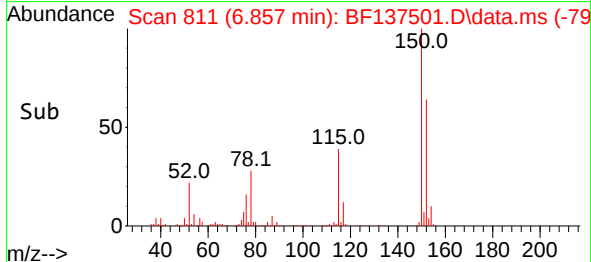
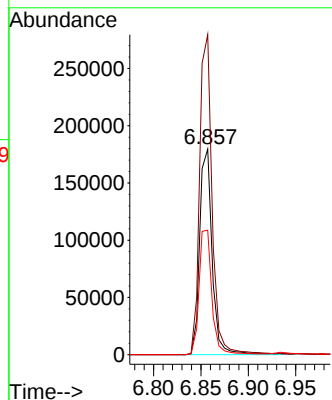
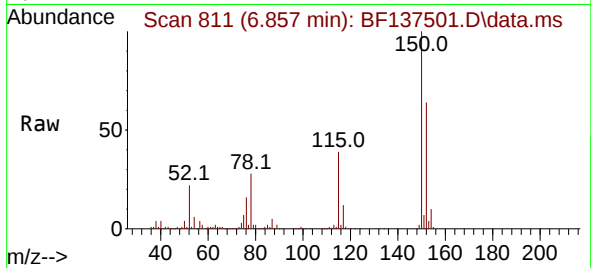




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

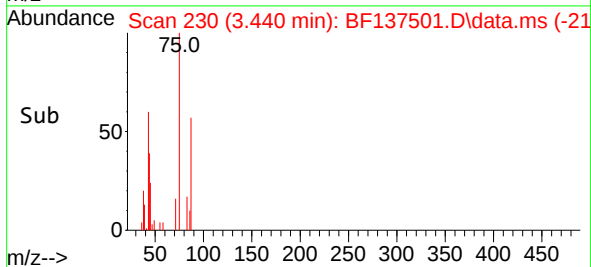
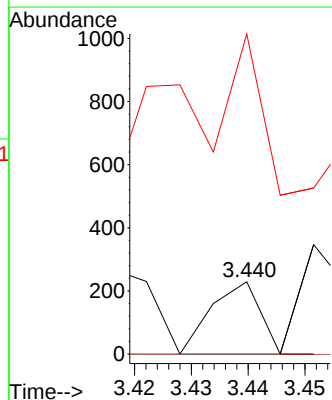
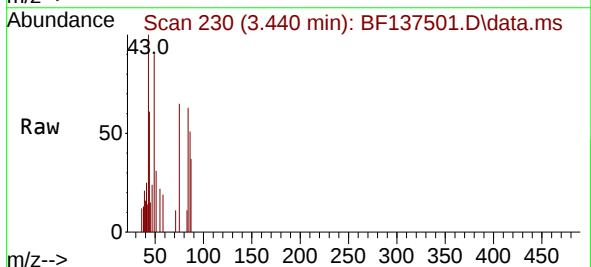
Instrument :
BNA_F
ClientSampleId :
TP-3

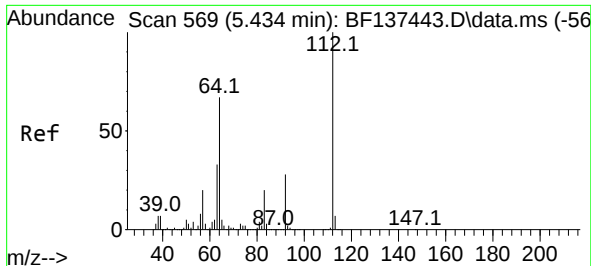
Tgt Ion:152 Resp: 165207
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 60.6 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.830 ng
RT: 3.440 min Scan# 230
Delta R.T. -0.006 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

Tgt Ion: 42 Resp: 137
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 442.8 7.0 10.4#

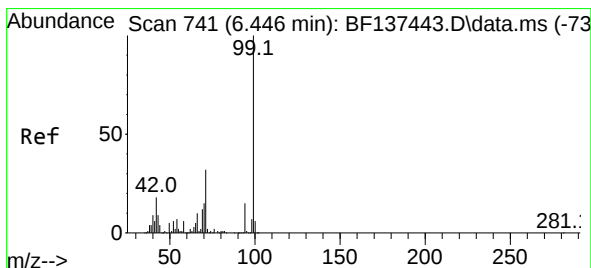
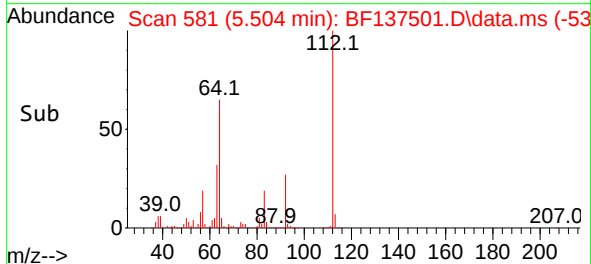
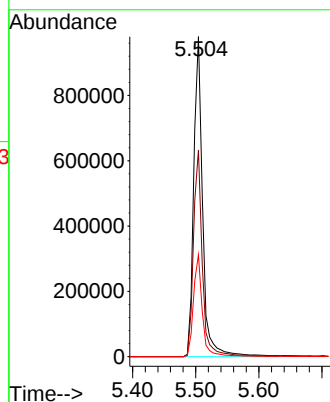
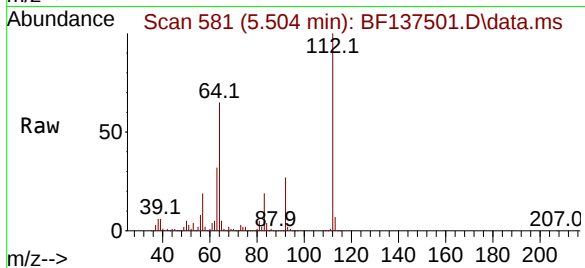




#5
2-Fluorophenol
Concen: 88.589 ng
RT: 5.504 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

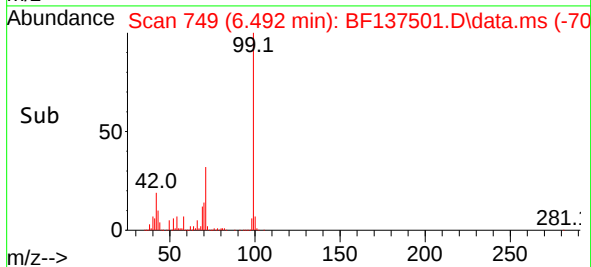
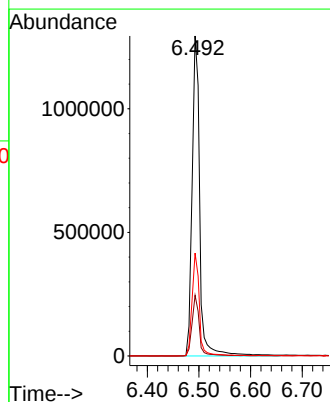
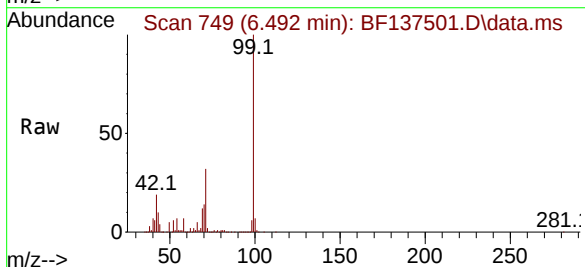
Instrument :
BNA_F
ClientSampleId :
TP-3

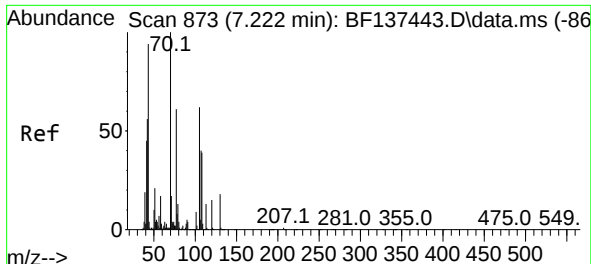
Tgt Ion:112 Resp: 966336
Ion Ratio Lower Upper
112 100
64 64.6 53.4 80.2
63 31.9 26.2 39.2



#7
Phenol-d6
Concen: 84.109 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

Tgt Ion: 99 Resp: 1324329
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 32.2 25.3 37.9



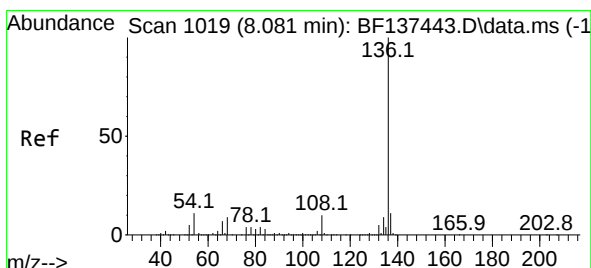
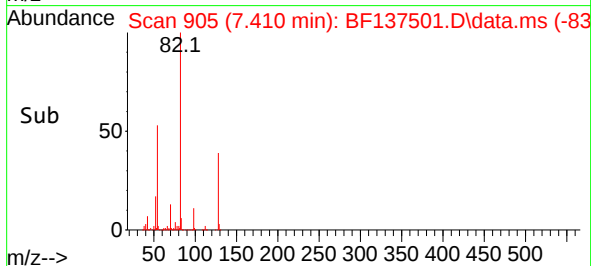
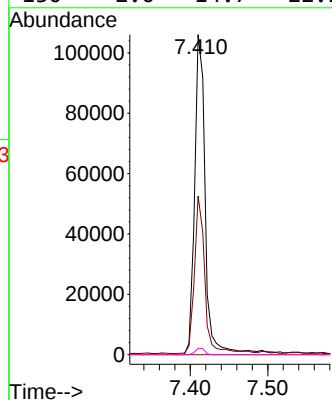
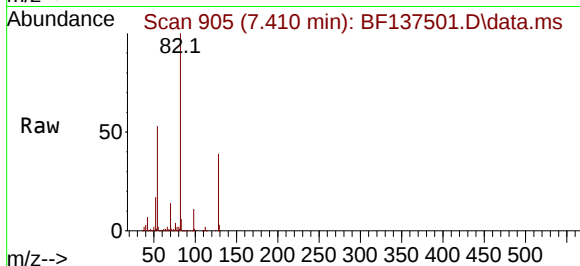


#19
n-Nitroso-di-n-propylamine
Concen: 10.531 ng
RT: 7.410 min Scan# 90
Delta R.T. 0.130 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 70 Resp: 102398

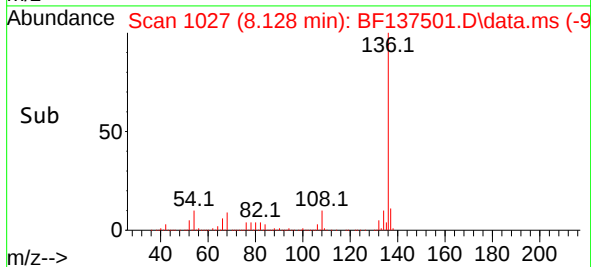
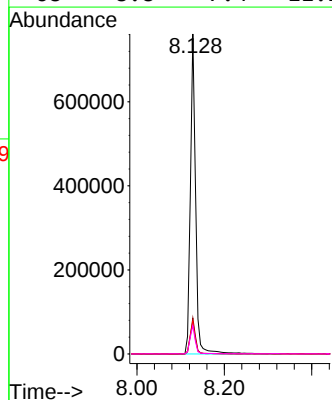
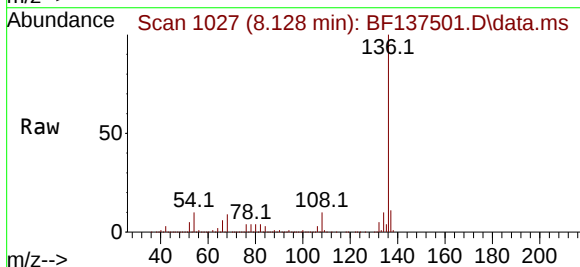
Ion	Ratio	Lower	Upper
70	100		
42	49.6	45.2	67.8
101	0.0	7.3	10.9#
130	2.0	14.7	22.1#

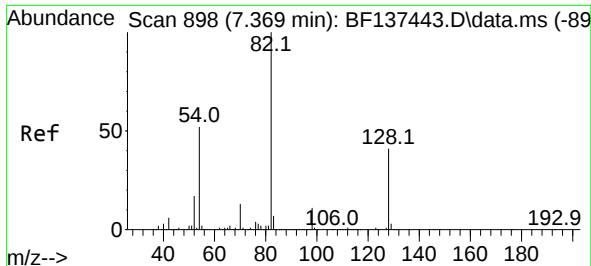


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

Tgt Ion: 136 Resp: 630889

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.2	8.5	12.7
68	8.8	7.4	11.2





#23

Nitrobenzene-d5

Concen: 57.338 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.018 min

Lab File: BF137501.D

Acq: 05 Mar 2024 15:30

Instrument :

BNA_F

ClientSampleId :

TP-3

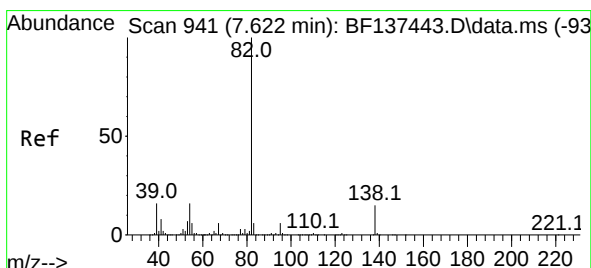
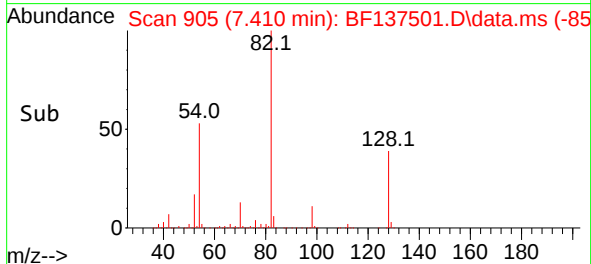
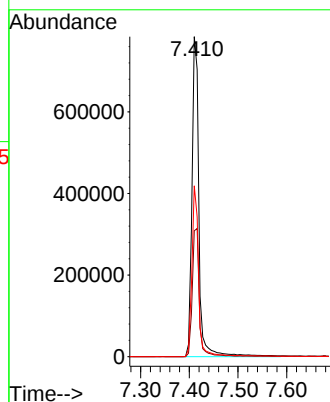
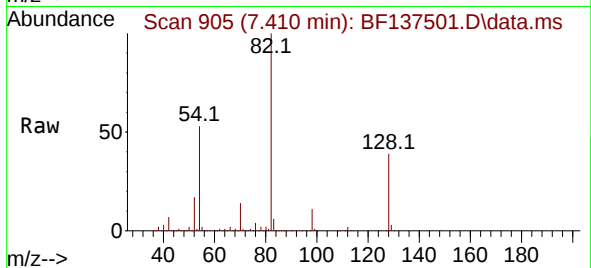
Tgt Ion: 82 Resp: 778536

Ion Ratio Lower Upper

82 100

128 39.4 32.5 48.7

54 53.4 41.5 62.3



#25

Isophorone

Concen: 30.180 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.270 min

Lab File: BF137501.D

Acq: 05 Mar 2024 15:30

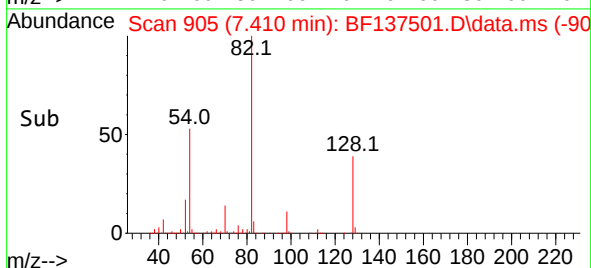
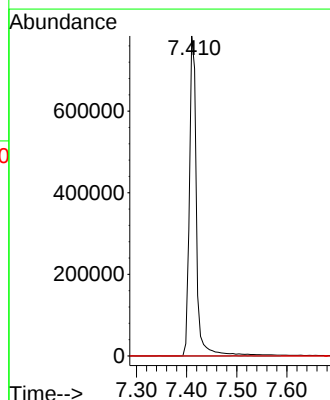
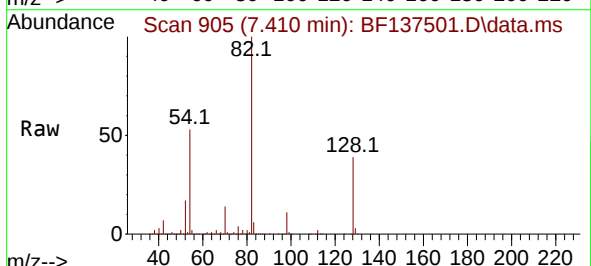
Tgt Ion: 82 Resp: 778531

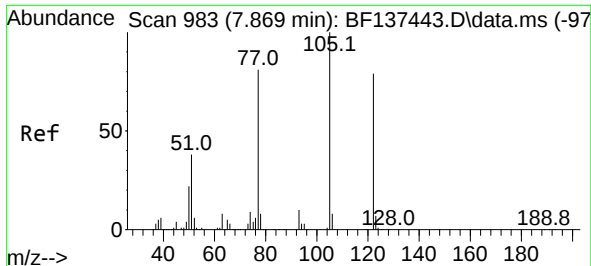
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

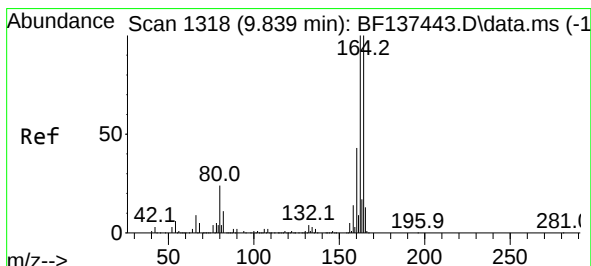
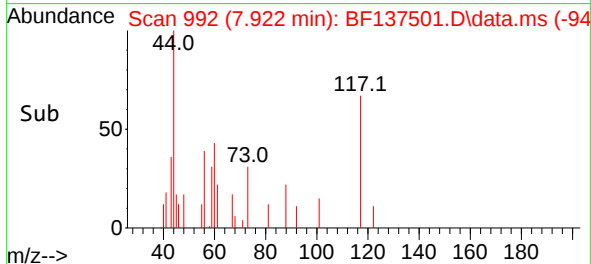
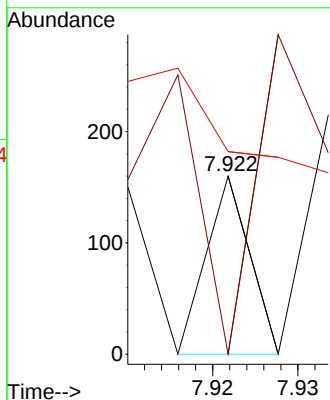
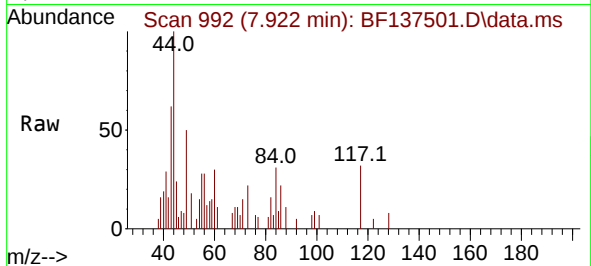




#32
Benzoic acid
Concen: 6.307 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

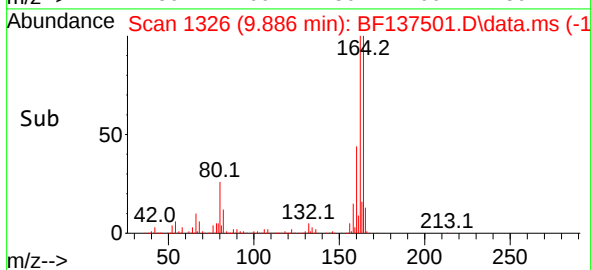
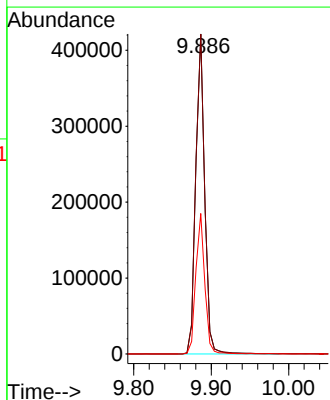
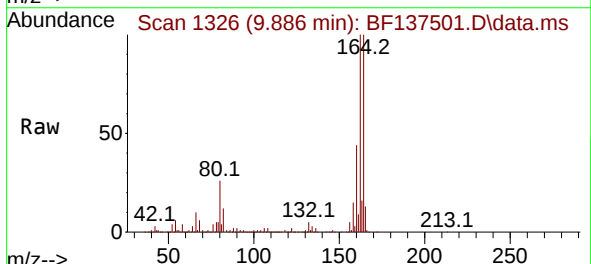
Instrument :
BNA_F
ClientSampleId :
TP-3

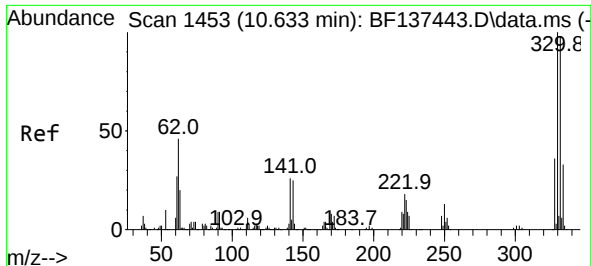
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 102.4 142.4#
77 113.8 81.1 121.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

Tgt Ion:164 Resp: 337272
Ion Ratio Lower Upper
164 100
162 99.9 79.8 119.8
160 43.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 70.441 ng

RT: 10.680 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137501.D

Acq: 05 Mar 2024 15:30

Instrument :

BNA_F

ClientSampleId :

TP-3

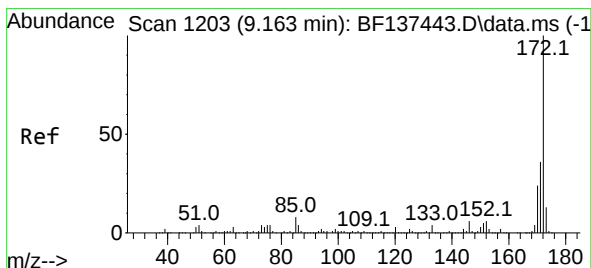
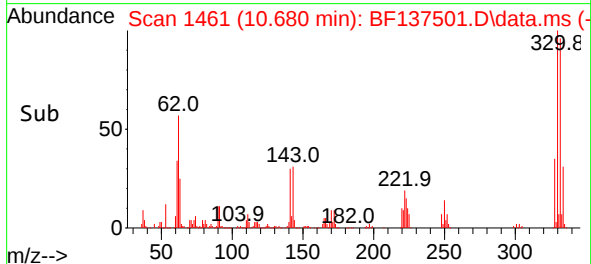
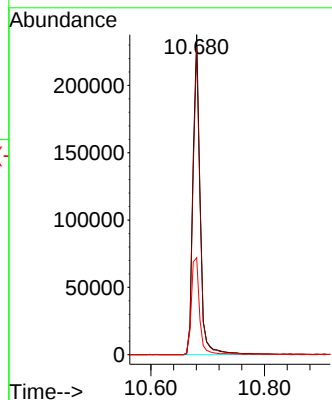
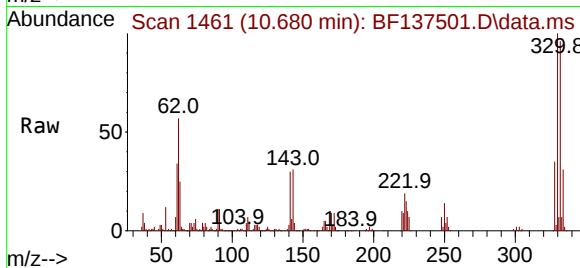
Tgt Ion:330 Resp: 208634

Ion Ratio Lower Upper

330 100

332 95.0 78.0 117.0

141 34.7 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 59.247 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137501.D

Acq: 05 Mar 2024 15:30

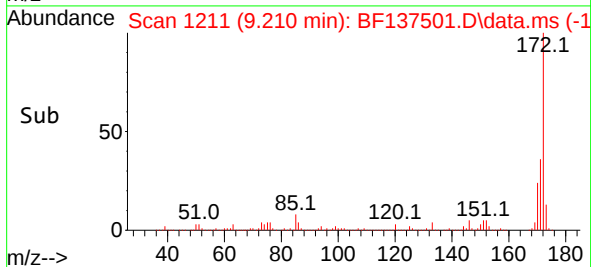
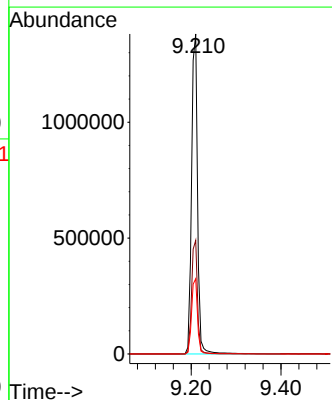
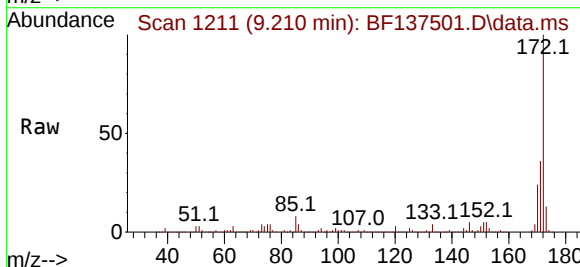
Tgt Ion:172 Resp: 1276540

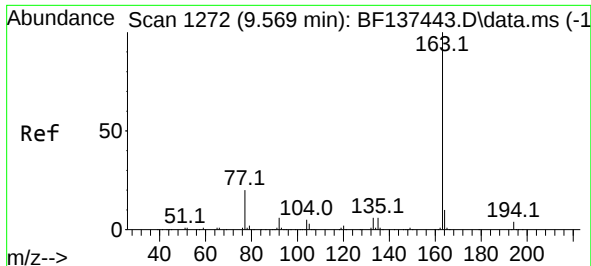
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.5 19.0 28.6

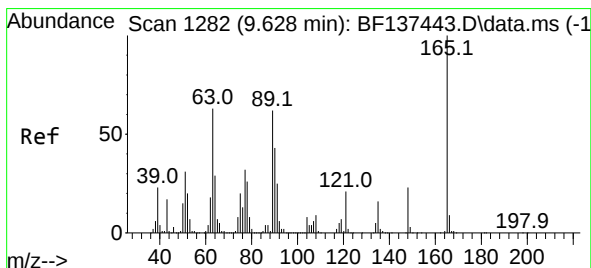
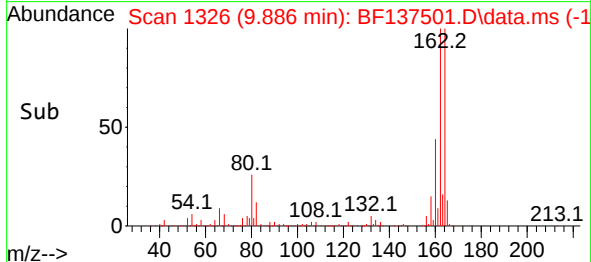
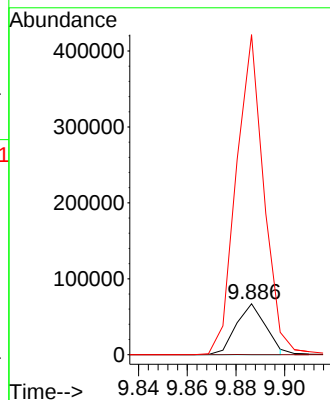
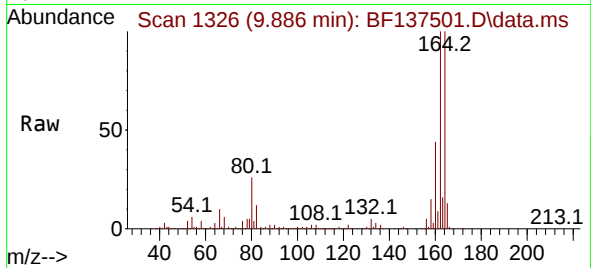




#50
Dimethylphthalate
Concen: 2.409 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.259 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

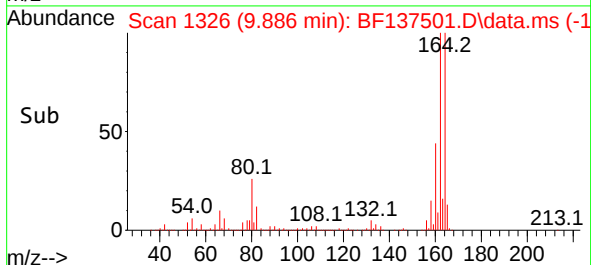
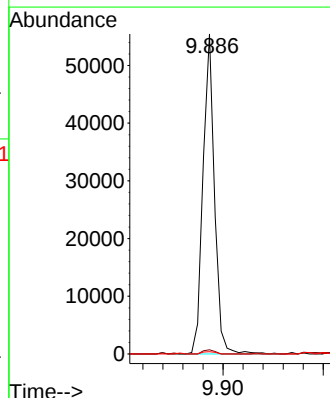
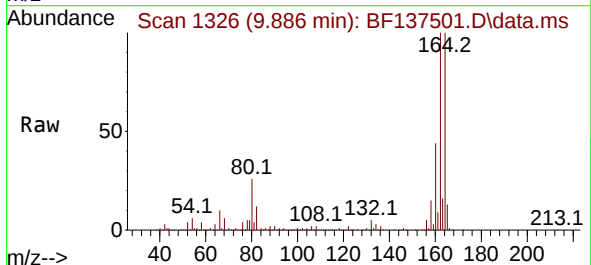
Instrument :
BNA_F
ClientSampleId :
TP-3

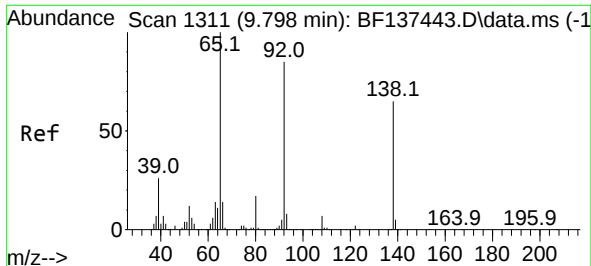
Tgt Ion:163 Resp: 56547
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 629.5 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 9.050 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.200 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

Tgt Ion:165 Resp: 44441
Ion Ratio Lower Upper
165 100
63 1.3 50.7 76.1#
89 0.7 50.0 75.0#

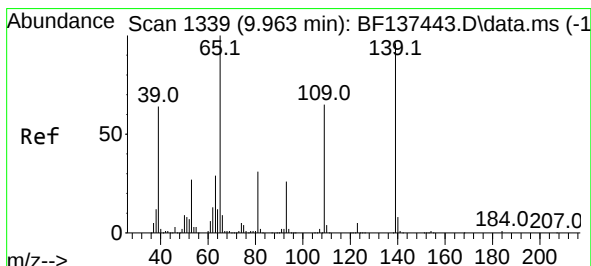
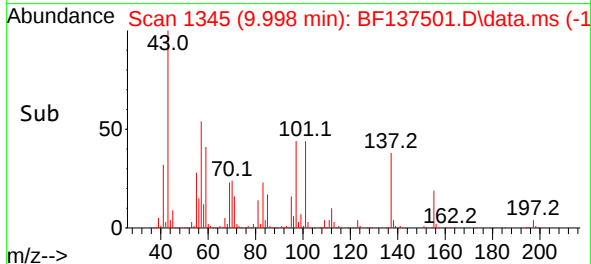
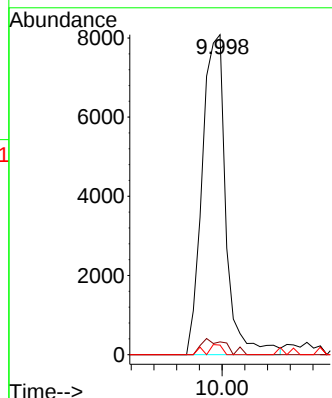
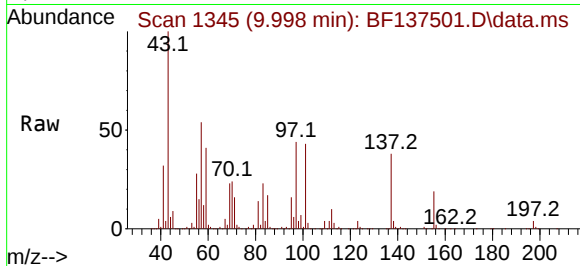




#53
3-Nitroaniline
Concen: 2.250 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.141 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

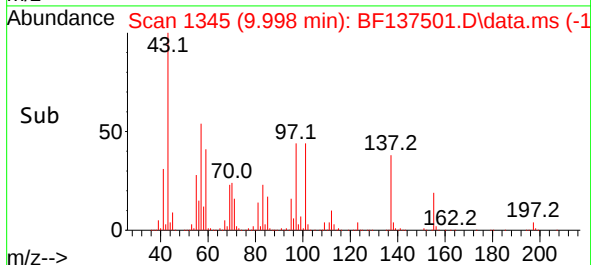
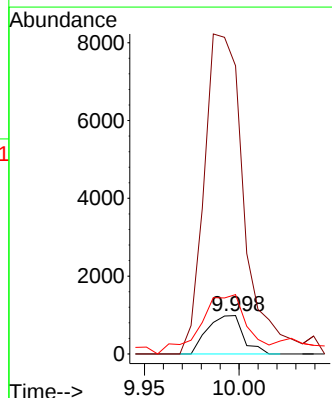
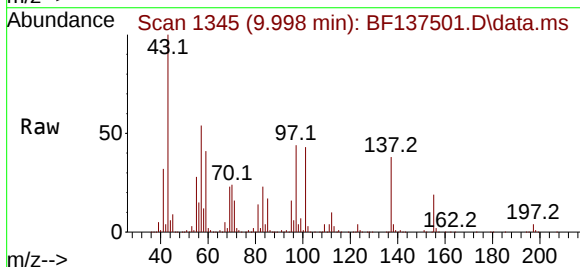
Instrument :
BNA_F
ClientSampleId :
TP-3

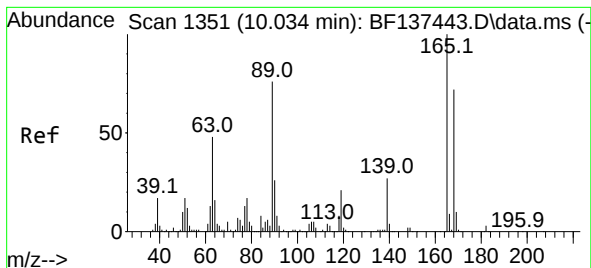
Tgt Ion:138 Resp: 11685
Ion Ratio Lower Upper
138 100
108 4.0 9.1 13.7#
92 3.0 104.6 157.0#



#56
4-Nitrophenol
Concen: 4.857 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.023 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

Tgt Ion:139 Resp: 1295
Ion Ratio Lower Upper
139 100
109 749.5 47.1 87.1#
65 154.4 85.1 125.1#

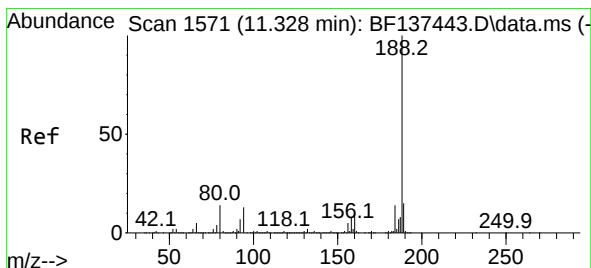
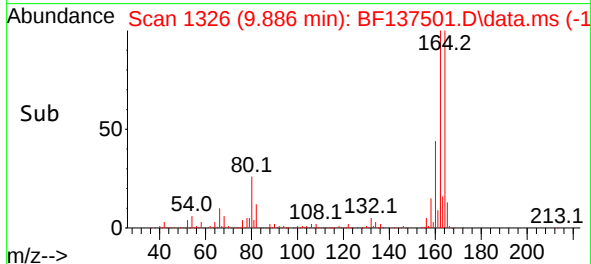
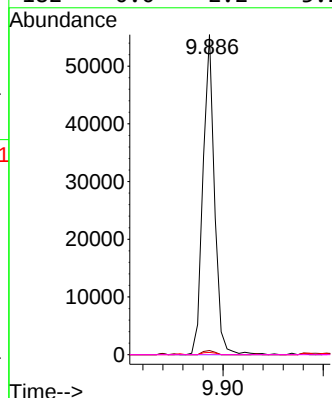
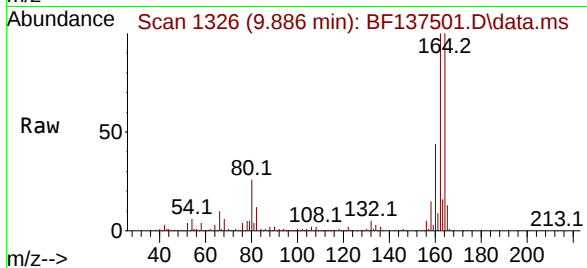




#57
2,4-Dinitrotoluene
Concen: 7.366 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

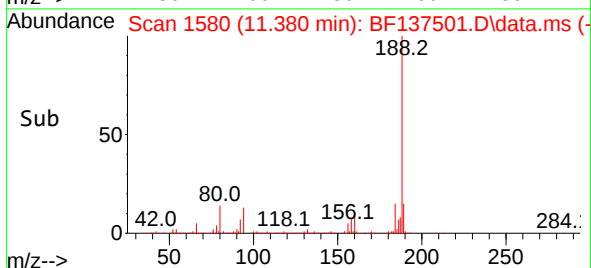
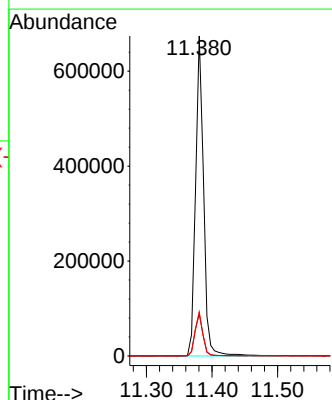
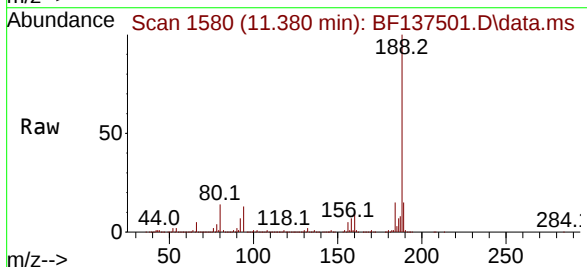
Instrument :
BNA_F
ClientSampleId :
TP-3

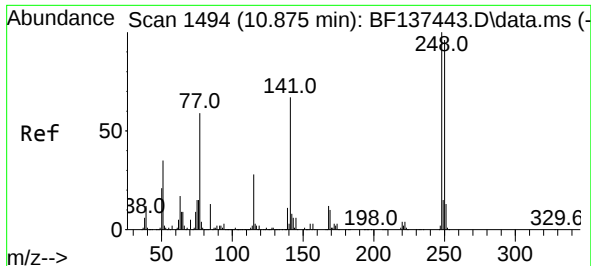
Tgt Ion:165 Resp: 44441
Ion Ratio Lower Upper
165 100
63 1.3 39.0 58.6#
89 0.7 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

Tgt Ion:188 Resp: 573517
Ion Ratio Lower Upper
188 100
94 13.1 10.6 15.8
80 13.8 11.5 17.3

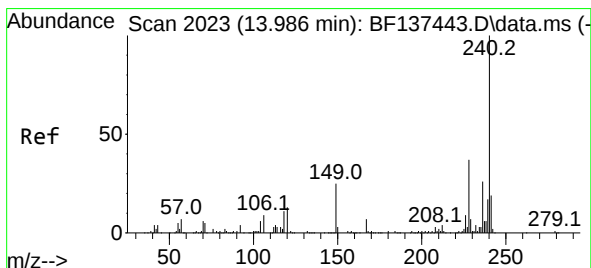
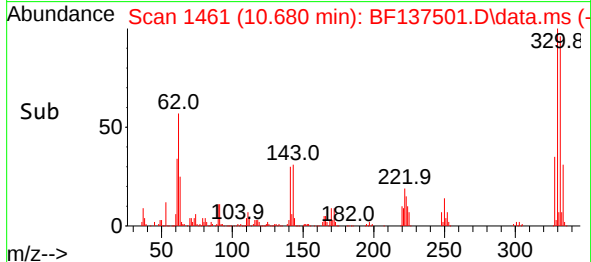
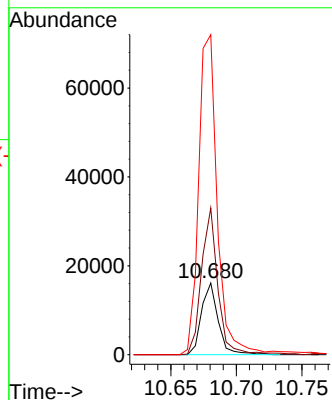
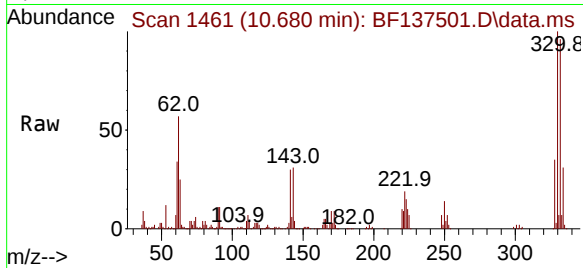




#67
4-Bromophenyl-phenylether
Concen: 2.303 ng
RT: 10.680 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

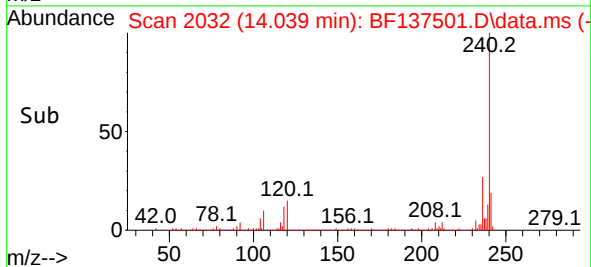
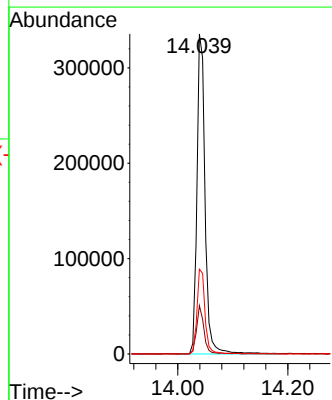
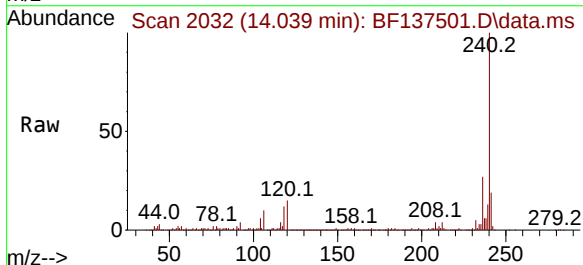
Instrument :
BNA_F
ClientSampleId :
TP-3

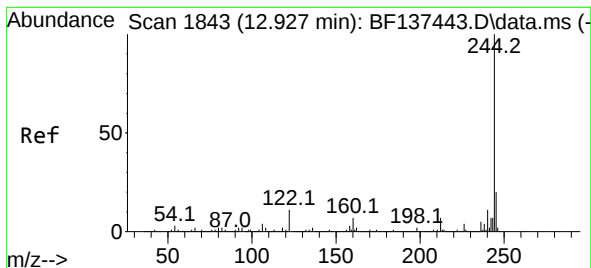
Tgt Ion:248 Resp: 14386
Ion Ratio Lower Upper
248 100
250 204.9 76.8 115.2#
141 446.8 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

Tgt Ion:240 Resp: 343920
Ion Ratio Lower Upper
240 100
120 15.1 10.4 15.6
236 26.5 20.9 31.3





#79

Terphenyl-d14

Concen: 53.247 ng

RT: 12.986 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137501.D

Acq: 05 Mar 2024 15:30

Instrument :

BNA_F

ClientSampleId :

TP-3

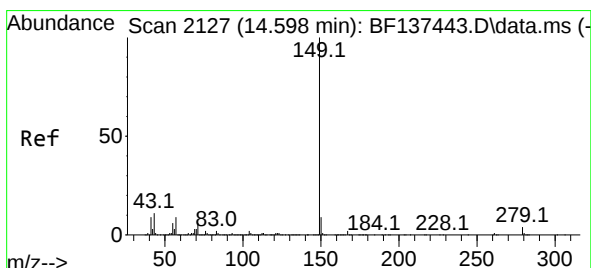
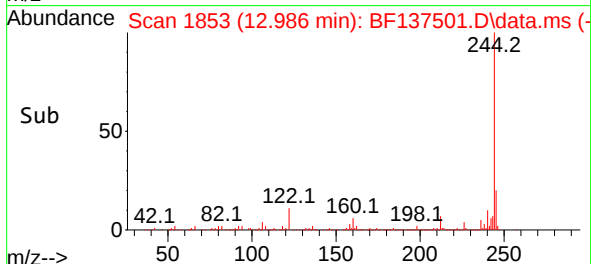
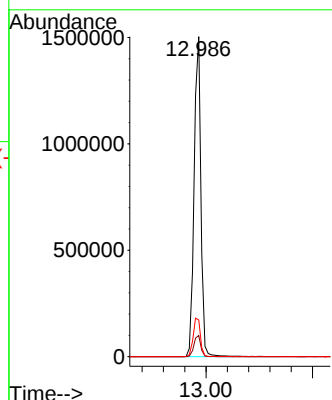
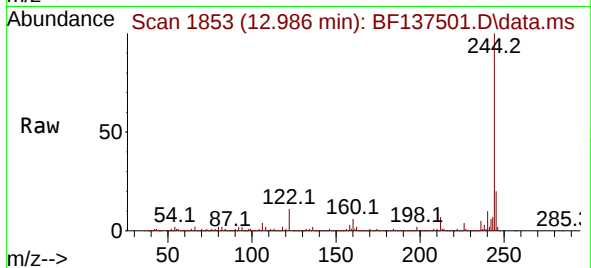
Tgt Ion:244 Resp: 1331743

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 11.5 9.1 13.7



#85

Di-n-octyl phthalate

Concen: 5.622 ng

RT: 14.657 min Scan# 2137

Delta R.T. -0.006 min

Lab File: BF137501.D

Acq: 05 Mar 2024 15:30

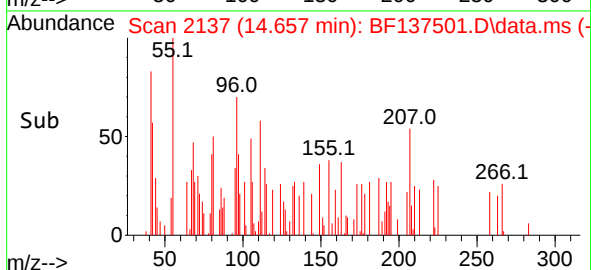
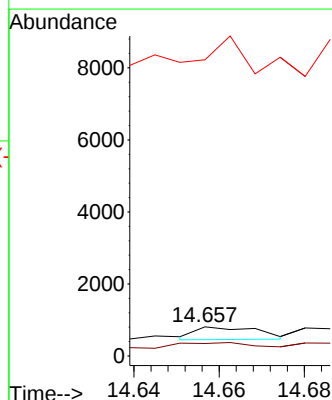
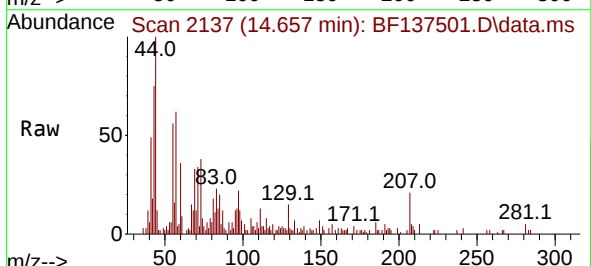
Tgt Ion:149 Resp: 357

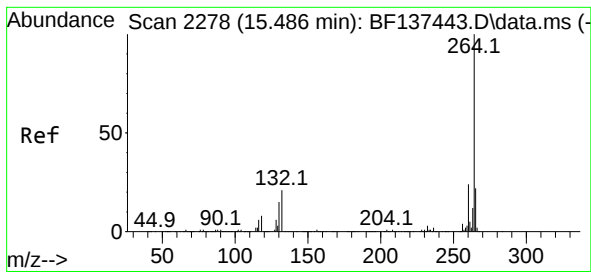
Ion Ratio Lower Upper

149 100

167 90.2 1.2 1.8#

43 0.0 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:264 Resp: 346407

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.4	17.4	26.0

