

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137511.D
 Acq On : 06 Mar 2024 11:23
 Operator : CG\JU
 Sample : PB159466BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159466BL

Quant Time: Mar 06 11:41:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

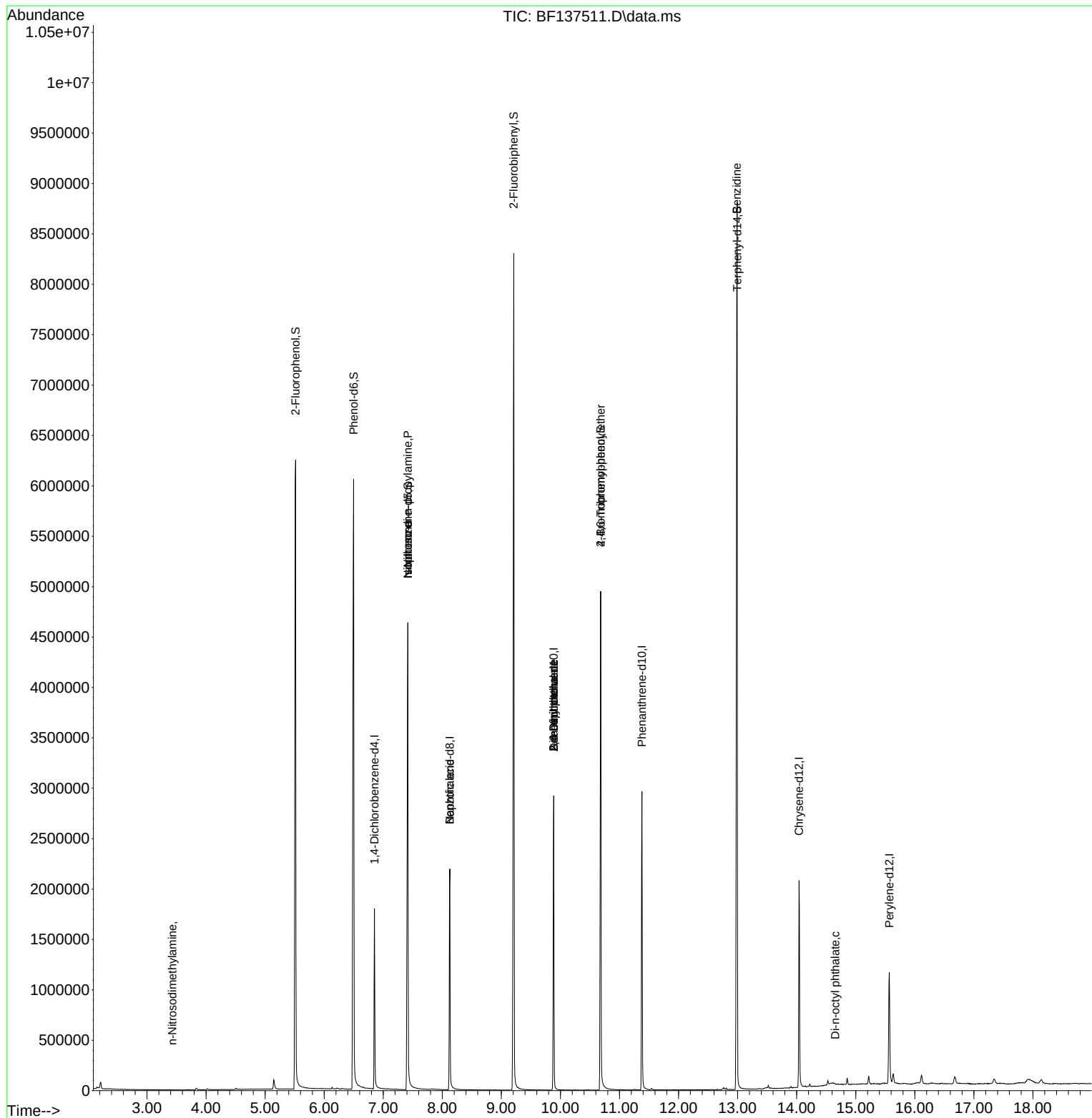
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	255349	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	1044148	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	583385	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	1101089	20.000	ng	0.00
76) Chrysene-d12	14.039	240	722772	20.000	ng	-0.01
86) Perylene-d12	15.568	264	556559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1998402	118.530	ng	0.00
7) Phenol-d6	6.498	99	2794819	114.840	ng	0.00
23) Nitrobenzene-d5	7.416	82	1833918	81.608	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	672958	131.357	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	2923318	78.440	ng	0.00
79) Terphenyl-d14	12.992	244	3864062	73.516	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.428	42	319	3.841	ng	# 1
19) n-Nitroso-di-n-propyla...	7.416	70	241961	16.100	ng	# 81
25) Isophorone	7.416	82	1822501	42.688	ng	# 69
32) Benzoic acid	8.128	122	210	6.318	ng	# 1
50) Dimethylphthalate	9.886	163	120625	2.970	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	75014	8.831	ng	# 21
57) 2,4-Dinitrotoluene	9.886	165	75014	7.188	ng	# 21
67) 4-Bromophenyl-phenylether	10.680	248	44257	3.690	ng	# 1
77) Benzidine	12.986	184	44543	2.518	ng	# 93
85) Di-n-octyl phthalate	14.651	149	1055	5.628	ng	# 72

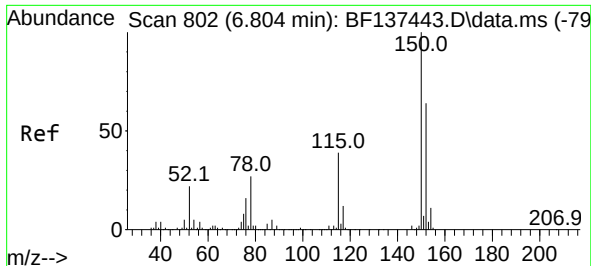
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
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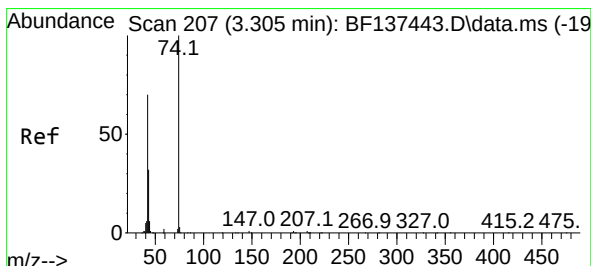
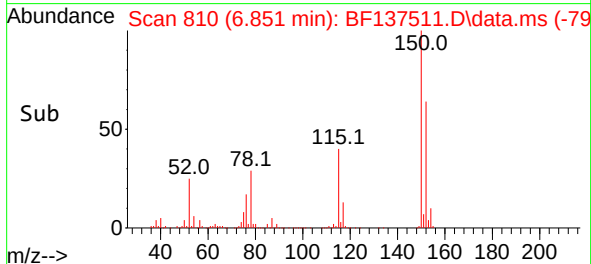
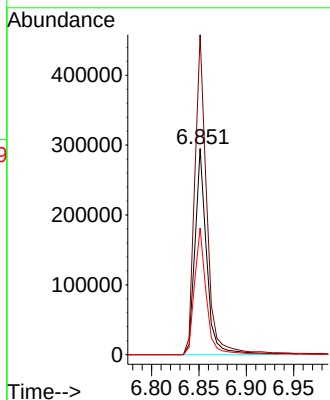
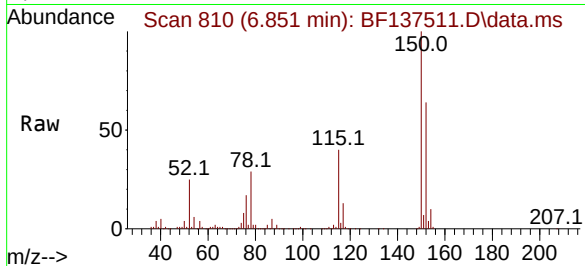




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137511.D
Acq: 06 Mar 2024 11:23

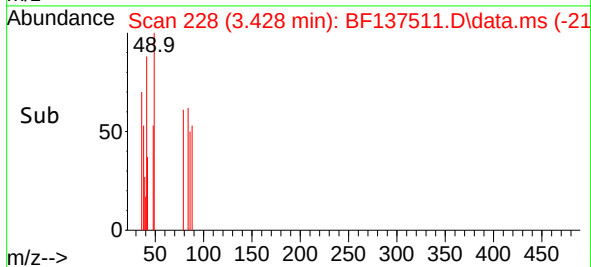
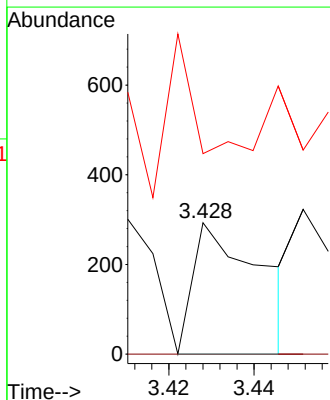
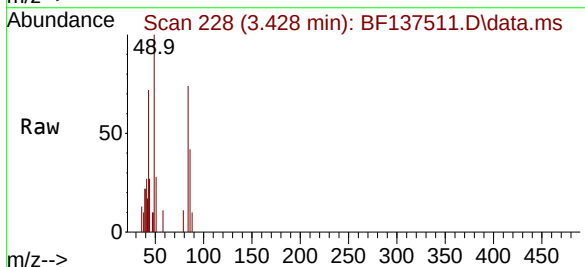
Instrument :
BNA_F
ClientSampleId :
PB159466BL

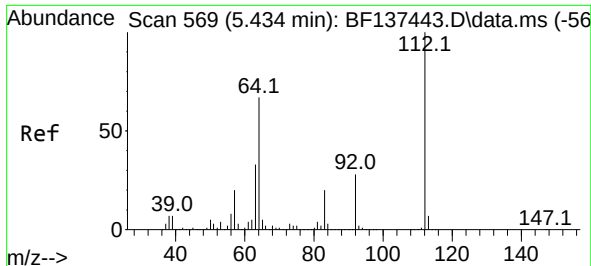
Tgt Ion:152 Resp: 255349
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 61.5 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.841 ng
RT: 3.428 min Scan# 228
Delta R.T. -0.018 min
Lab File: BF137511.D
Acq: 06 Mar 2024 11:23

Tgt Ion: 42 Resp: 319
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 152.6 7.0 10.4#

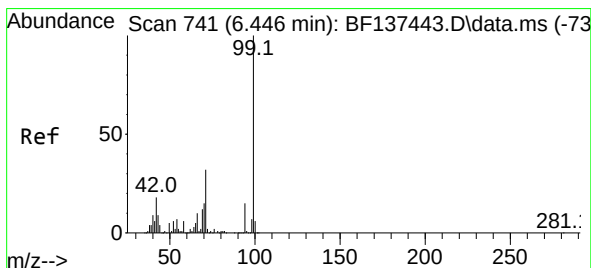
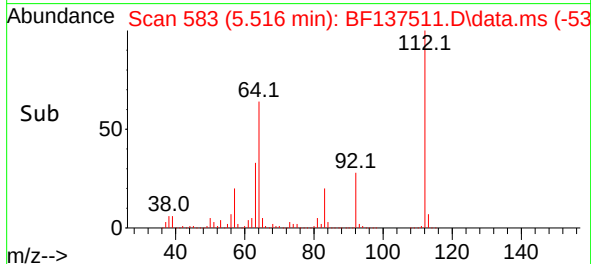
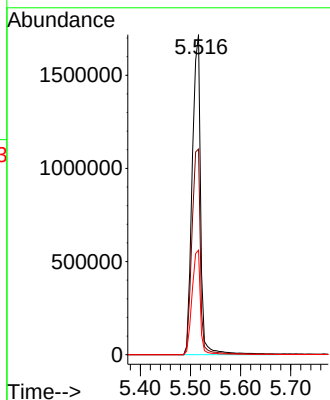
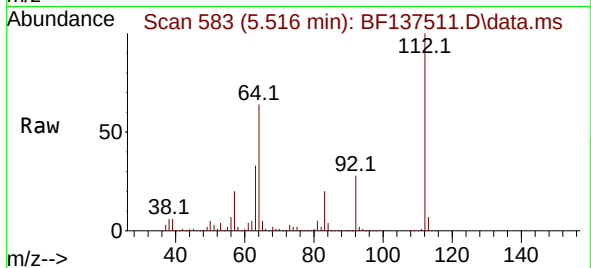




#5
2-Fluorophenol
Concen: 118.530 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF137511.D
Acq: 06 Mar 2024 11:23

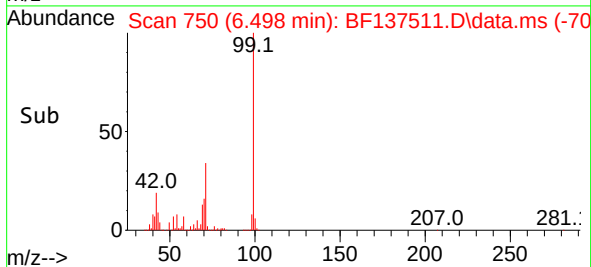
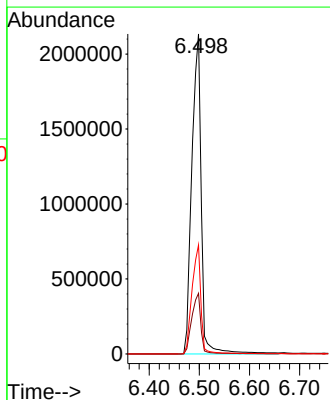
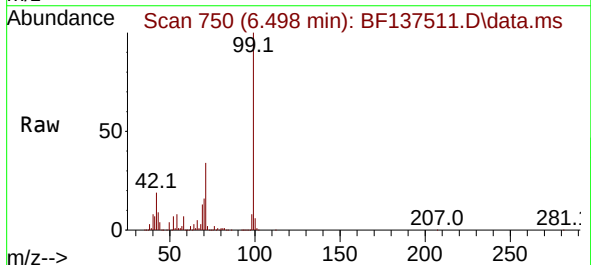
Instrument :
BNA_F
ClientSampleId :
PB159466BL

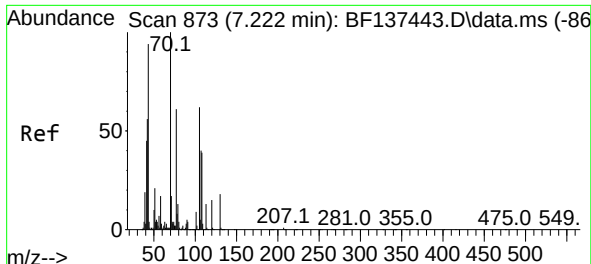
Tgt Ion:112 Resp: 1998402
Ion Ratio Lower Upper
112 100
64 64.2 53.4 80.2
63 32.7 26.2 39.2



#7
Phenol-d6
Concen: 114.840 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF137511.D
Acq: 06 Mar 2024 11:23

Tgt Ion: 99 Resp: 2794819
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 34.0 25.3 37.9

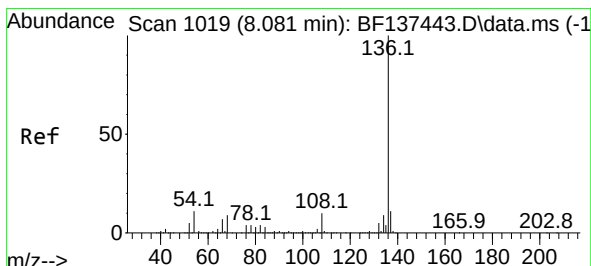
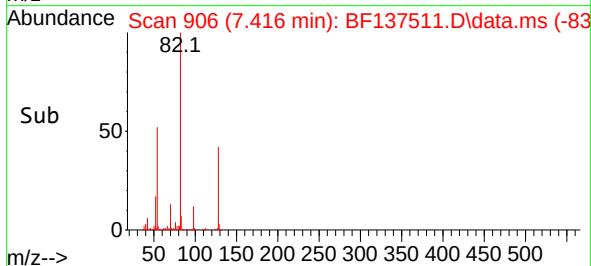
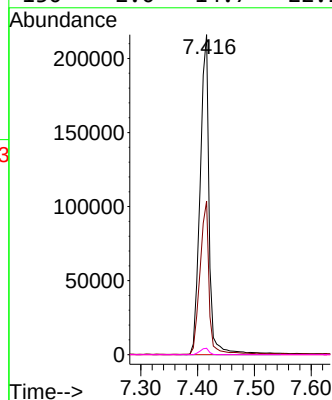
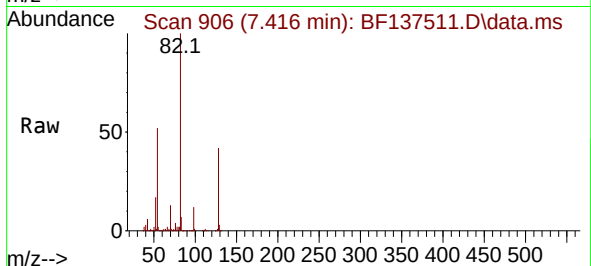




#19
n-Nitroso-di-n-propylamine
Concen: 16.100 ng
RT: 7.416 min Scan# 90
Delta R.T. 0.135 min
Lab File: BF137511.D
Acq: 06 Mar 2024 11:23

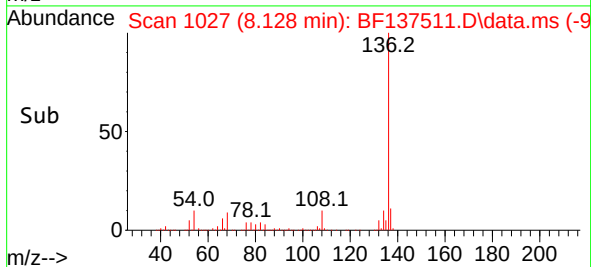
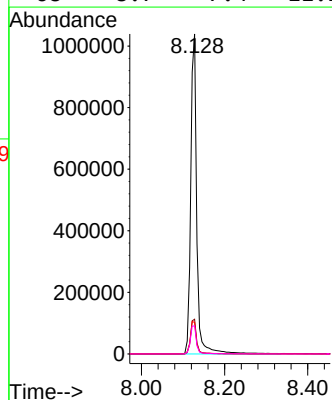
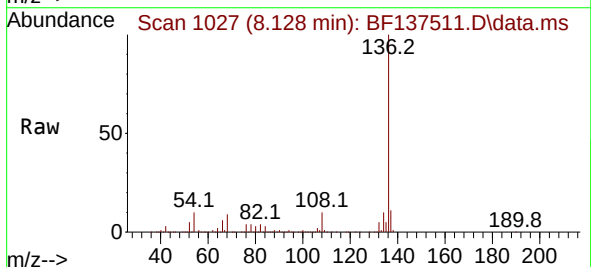
Instrument :
BNA_F
ClientSampleId :
PB159466BL

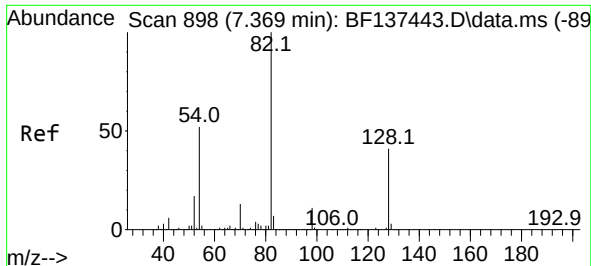
Tgt Ion: 70 Resp: 241961
Ion Ratio Lower Upper
70 100
42 48.0 45.2 67.8
101 0.0 7.3 10.9#
130 2.0 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF137511.D
Acq: 06 Mar 2024 11:23

Tgt Ion:136 Resp: 1044148
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 9.9 8.5 12.7
68 8.7 7.4 11.2





#23

Nitrobenzene-d5

Concen: 81.608 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF137511.D

Acq: 06 Mar 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB159466BL

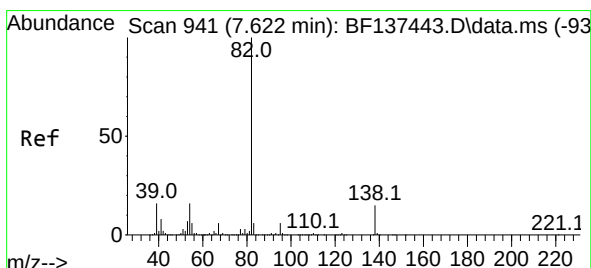
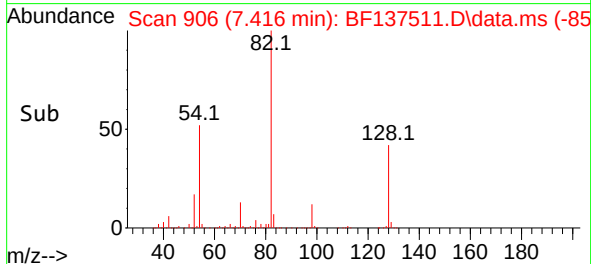
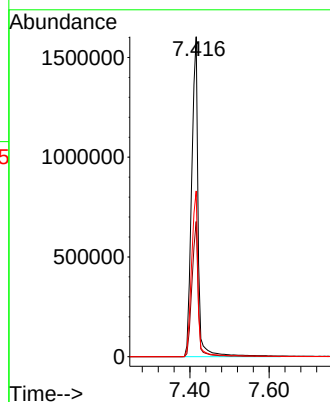
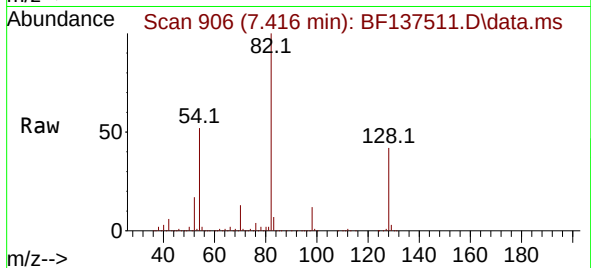
Tgt Ion: 82 Resp: 1833918

Ion Ratio Lower Upper

82 100

128 42.2 32.5 48.7

54 51.8 41.5 62.3



#25

Isophorone

Concen: 42.688 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.265 min

Lab File: BF137511.D

Acq: 06 Mar 2024 11:23

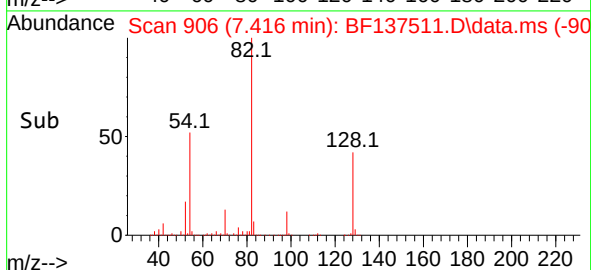
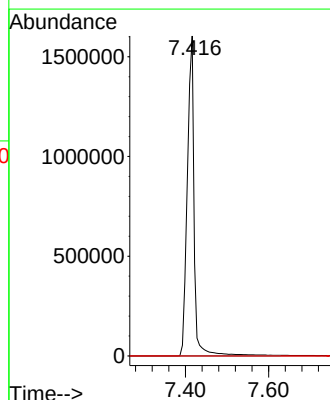
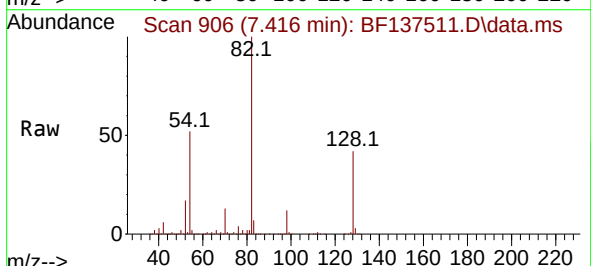
Tgt Ion: 82 Resp: 1822501

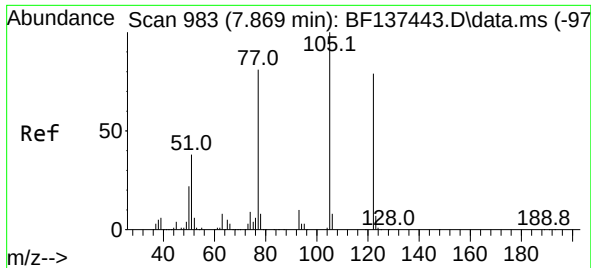
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

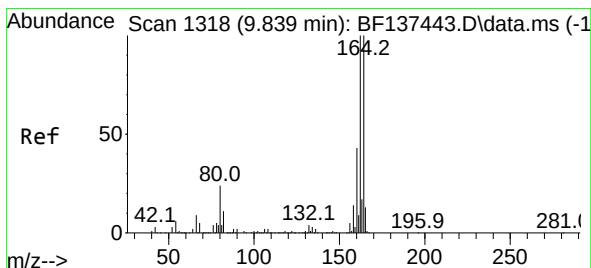
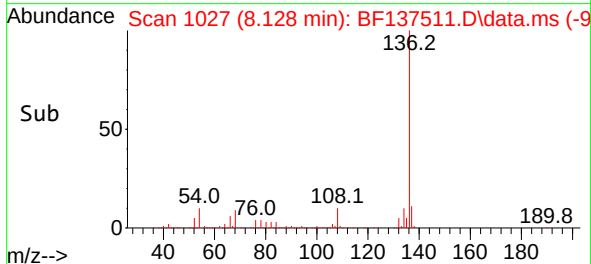
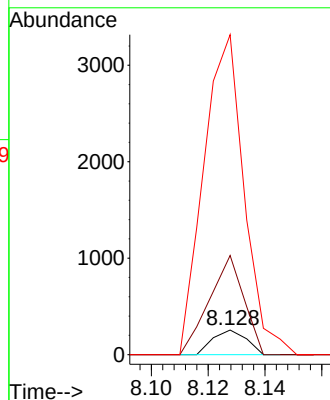
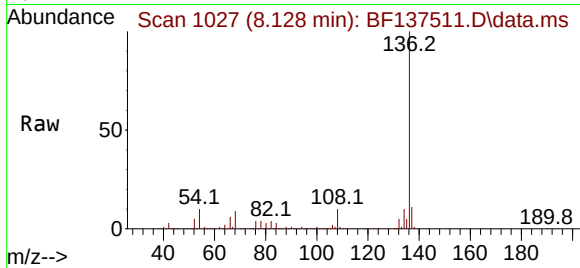




#32
Benzoic acid
Concen: 6.318 ng
RT: 8.128 min Scan# 10
Delta R.T. 0.200 min
Lab File: BF137511.D
Acq: 06 Mar 2024 11:23

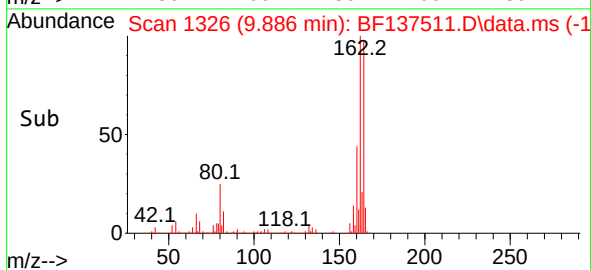
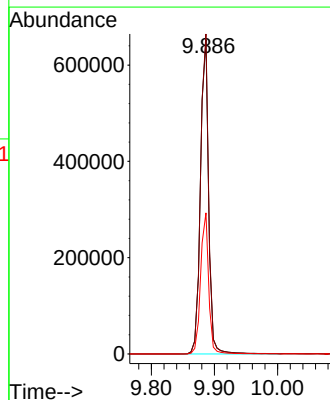
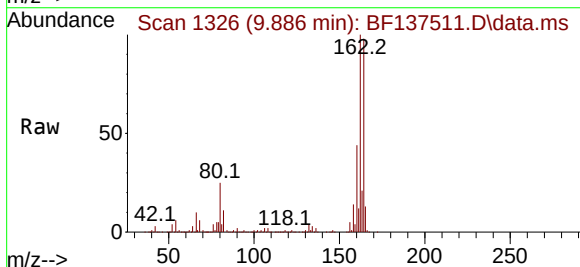
Instrument :
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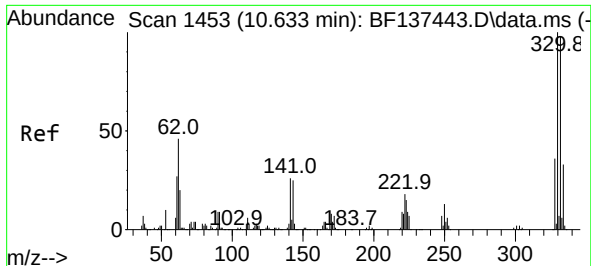
Tgt Ion:122 Resp: 210
Ion Ratio Lower Upper
122 100
105 403.1 102.4 142.4#
77 1300.8 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF137511.D
Acq: 06 Mar 2024 11:23

Tgt Ion:164 Resp: 583385
Ion Ratio Lower Upper
164 100
162 101.9 79.8 119.8
160 44.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 131.357 ng

RT: 10.680 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137511.D

Acq: 06 Mar 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB159466BL

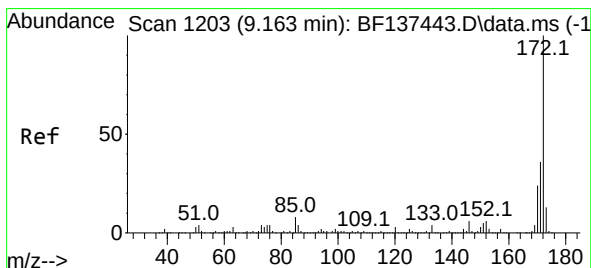
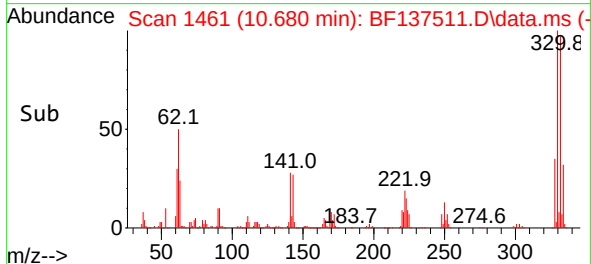
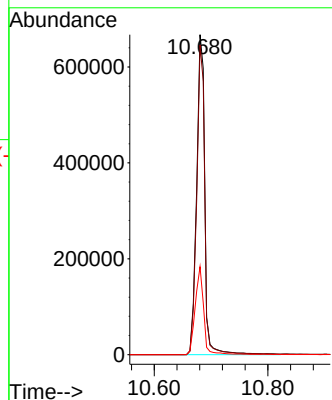
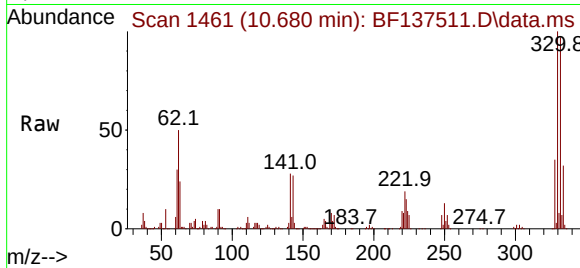
Tgt Ion:330 Resp: 672958

Ion Ratio Lower Upper

330 100

332 95.6 78.0 117.0

141 28.4 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 78.440 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137511.D

Acq: 06 Mar 2024 11:23

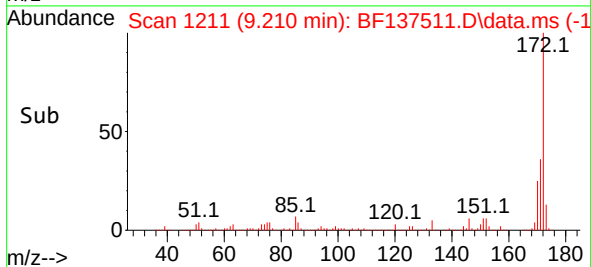
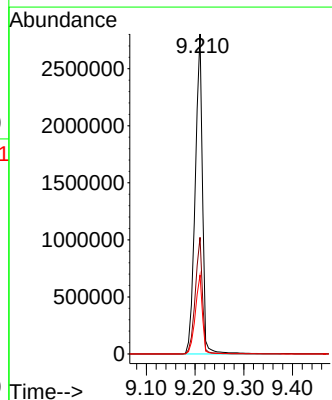
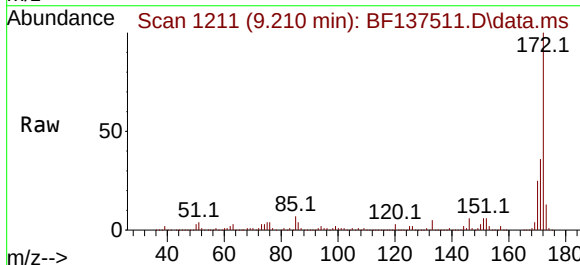
Tgt Ion:172 Resp: 2923318

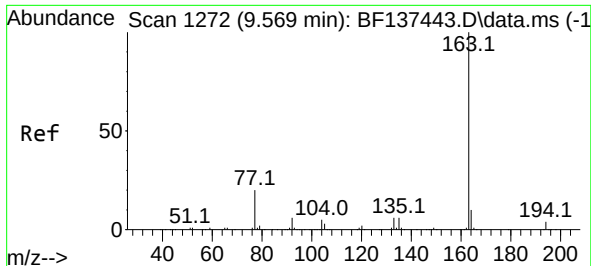
Ion Ratio Lower Upper

172 100

171 36.4 28.5 42.7

170 24.6 19.0 28.6

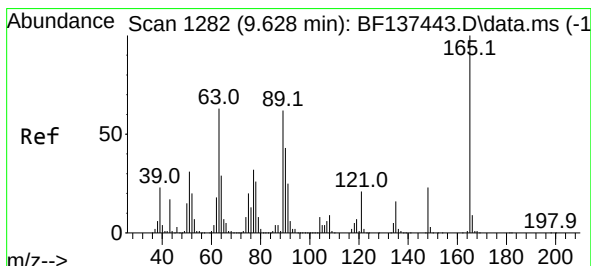
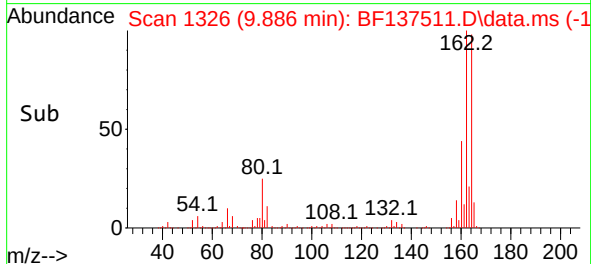
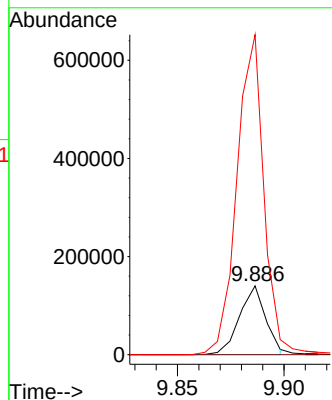
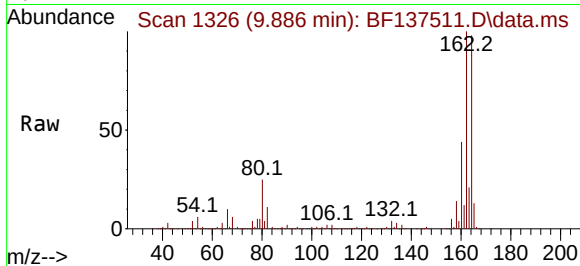




#50
Dimethylphthalate
Concen: 2.970 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF137511.D
Acq: 06 Mar 2024 11:23

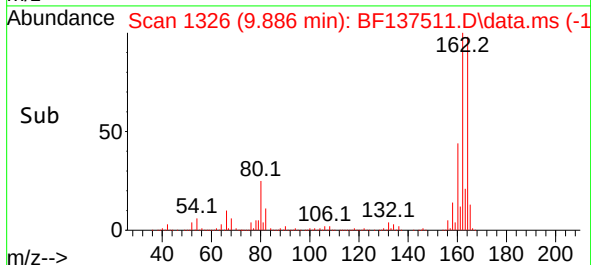
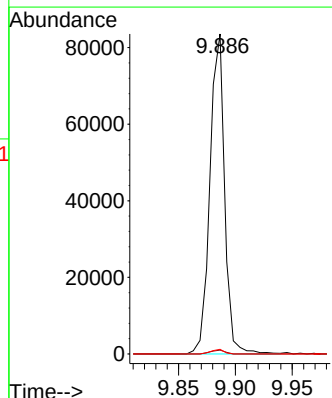
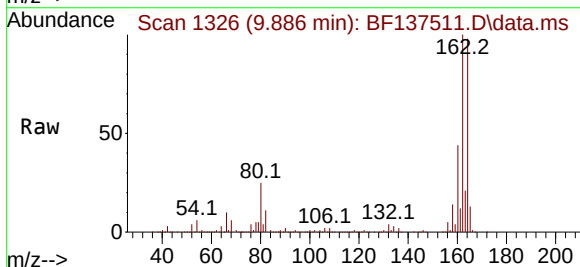
Instrument :
BNA_F
ClientSampleId :
PB159466BL

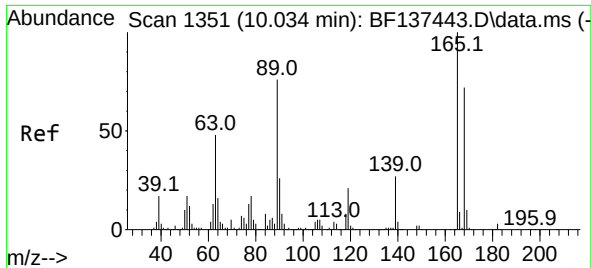
Tgt Ion:163 Resp: 120625
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 465.2 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.831 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.200 min
Lab File: BF137511.D
Acq: 06 Mar 2024 11:23

Tgt Ion:165 Resp: 75014
Ion Ratio Lower Upper
165 100
63 1.2 50.7 76.1#
89 1.5 50.0 75.0#

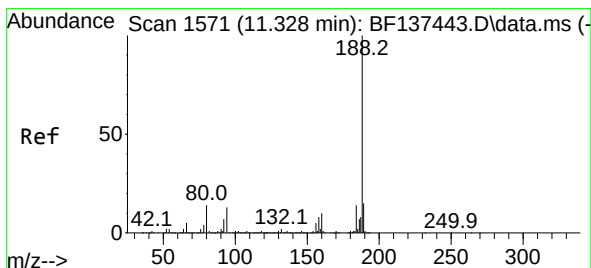
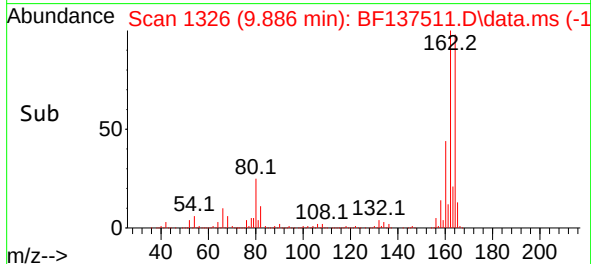
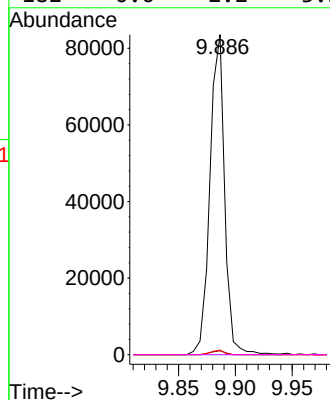
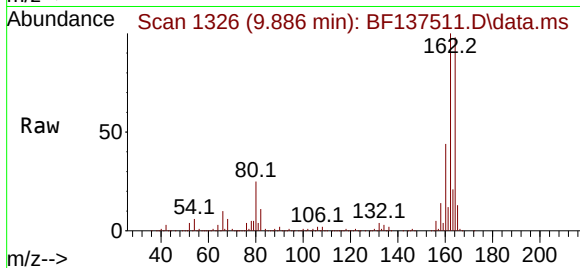




#57
2,4-Dinitrotoluene
Concen: 7.188 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137511.D
Acq: 06 Mar 2024 11:23

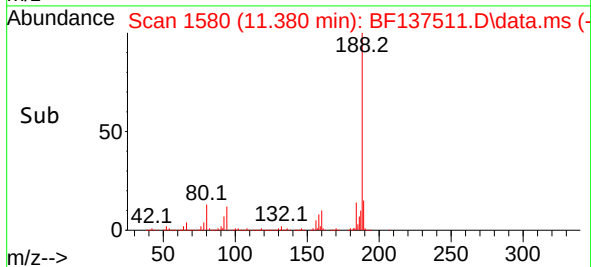
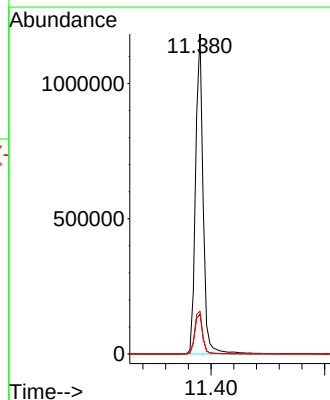
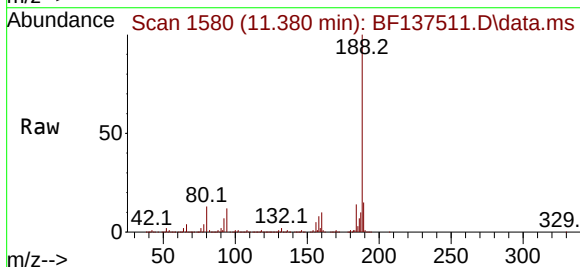
Instrument :
BNA_F
ClientSampleId :
PB159466BL

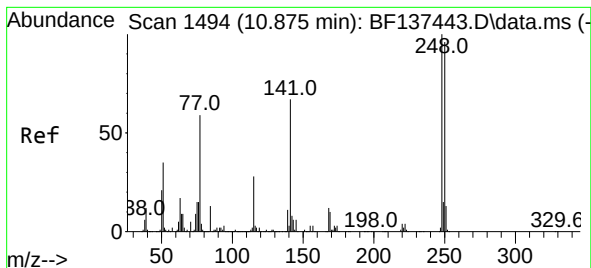
Tgt Ion:165 Resp: 75014
Ion Ratio Lower Upper
165 100
63 1.2 39.0 58.6#
89 1.5 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF137511.D
Acq: 06 Mar 2024 11:23

Tgt Ion:188 Resp: 1101089
Ion Ratio Lower Upper
188 100
94 12.5 10.6 15.8
80 13.3 11.5 17.3

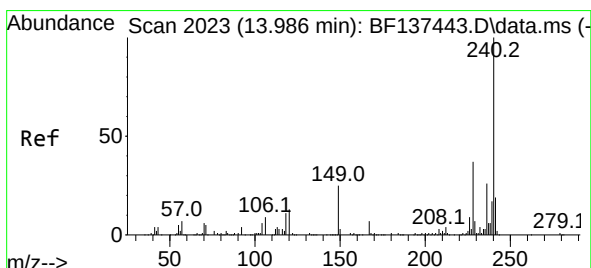
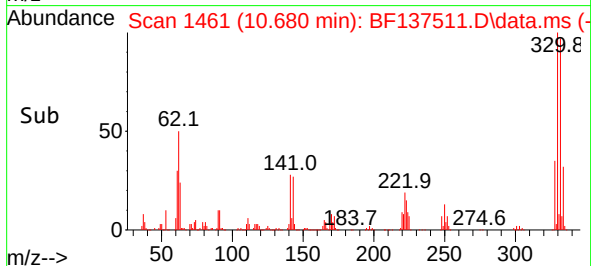
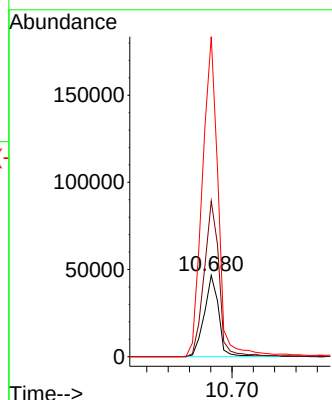
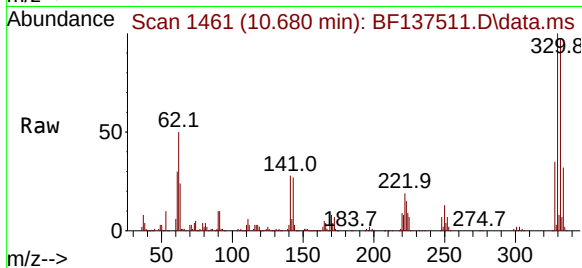




#67
4-Bromophenyl-phenylether
Concen: 3.690 ng
RT: 10.680 min Scan# 141
Delta R.T. -0.253 min
Lab File: BF137511.D
Acq: 06 Mar 2024 11:23

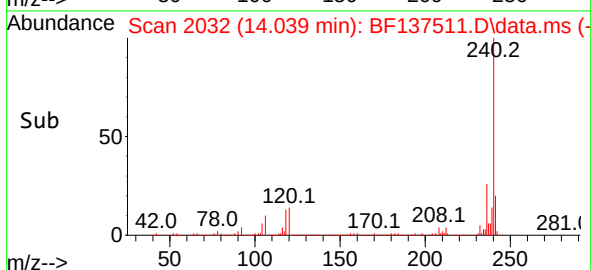
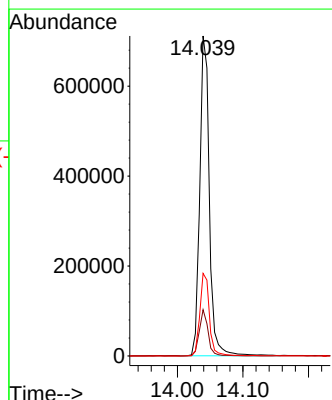
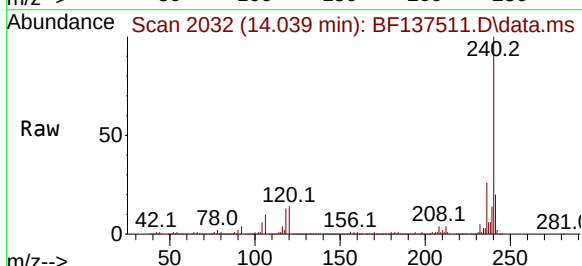
Instrument :
BNA_F
ClientSampleId :
PB159466BL

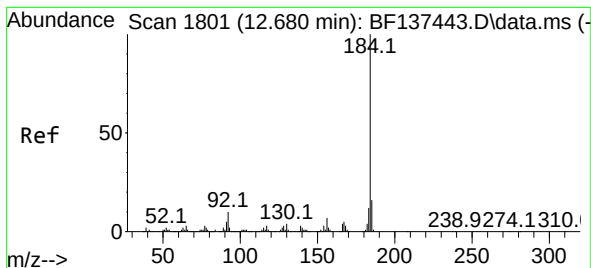
Tgt Ion:248 Resp: 44257
Ion Ratio Lower Upper
248 100
250 191.6 76.8 115.2#
141 393.8 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF137511.D
Acq: 06 Mar 2024 11:23

Tgt Ion:240 Resp: 722772
Ion Ratio Lower Upper
240 100
120 14.5 10.4 15.6
236 25.8 20.9 31.3





#77

Benzidine

Concen: 2.518 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.247 min

Lab File: BF137511.D

Acq: 06 Mar 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB159466BL

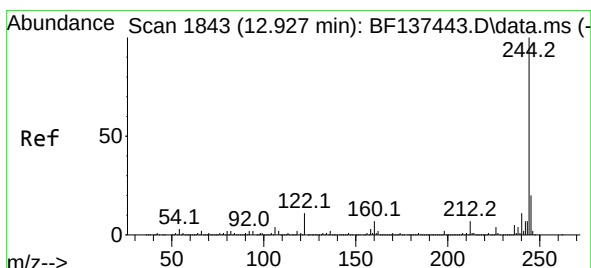
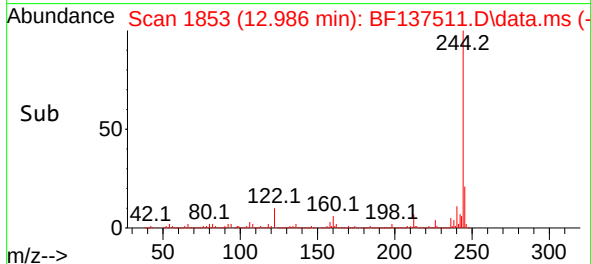
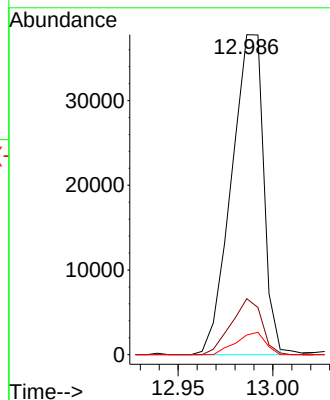
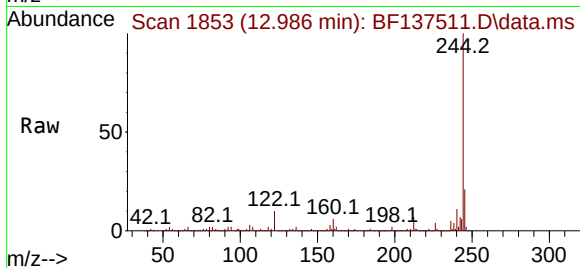
Tgt Ion:184 Resp: 44543

Ion Ratio Lower Upper

184 100

185 17.5 13.2 19.8

183 6.2 9.3 13.9#



#79

Terphenyl-d14

Concen: 73.516 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF137511.D

Acq: 06 Mar 2024 11:23

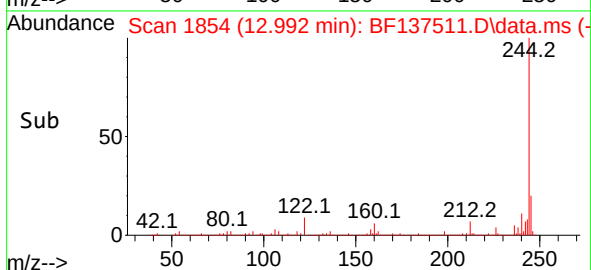
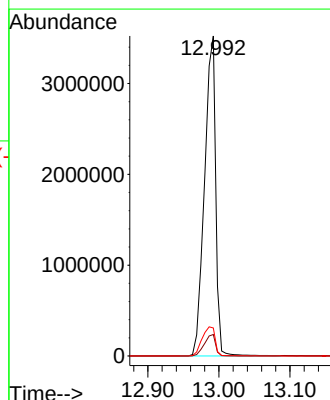
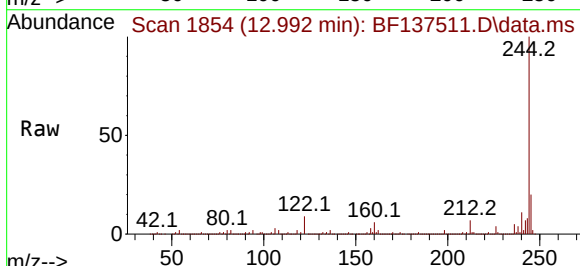
Tgt Ion:244 Resp: 3864062

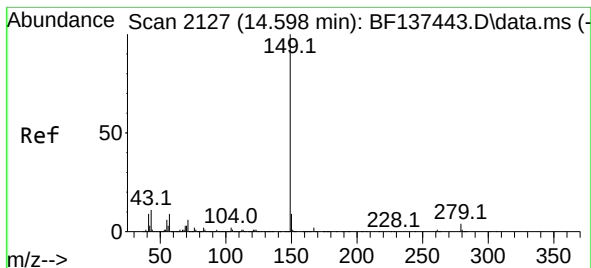
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 8.8 9.1 13.7#





#85

Di-n-octyl phthalate

Concen: 5.628 ng

RT: 14.651 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137511.D

Acq: 06 Mar 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB159466BL

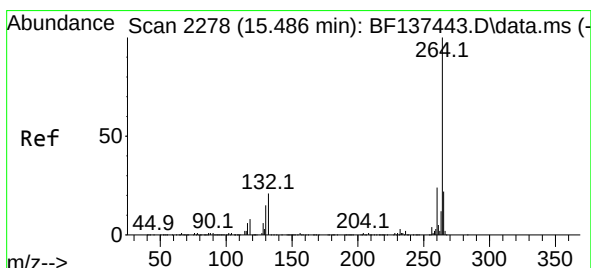
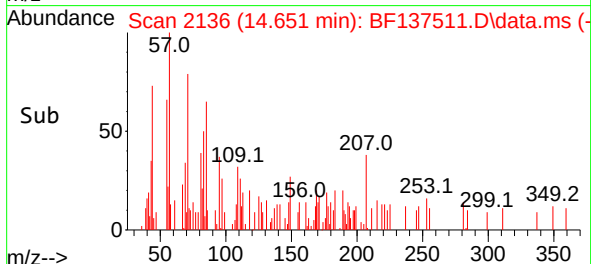
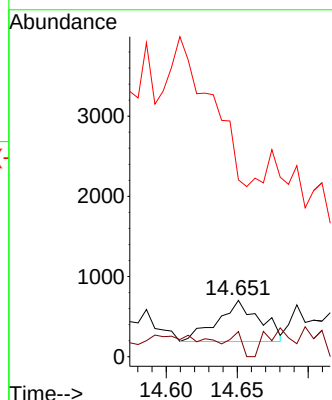
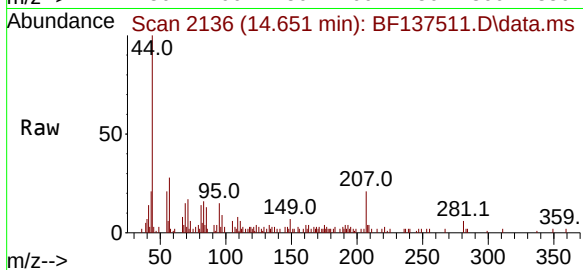
Tgt Ion:149 Resp: 1055

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: 15.568 min Scan# 2292

Delta R.T. 0.000 min

Lab File: BF137511.D

Acq: 06 Mar 2024 11:23

Tgt Ion:264 Resp: 556559

Ion Ratio Lower Upper

264 100

260 25.1 19.3 28.9

265 21.9 17.4 26.0

