

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030224\
 Data File : BF137470.D
 Acq On : 02 Mar 2024 13:23
 Operator : CG\JU
 Sample : PB159386BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159386BL

Quant Time: Mar 04 00:31:38 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)

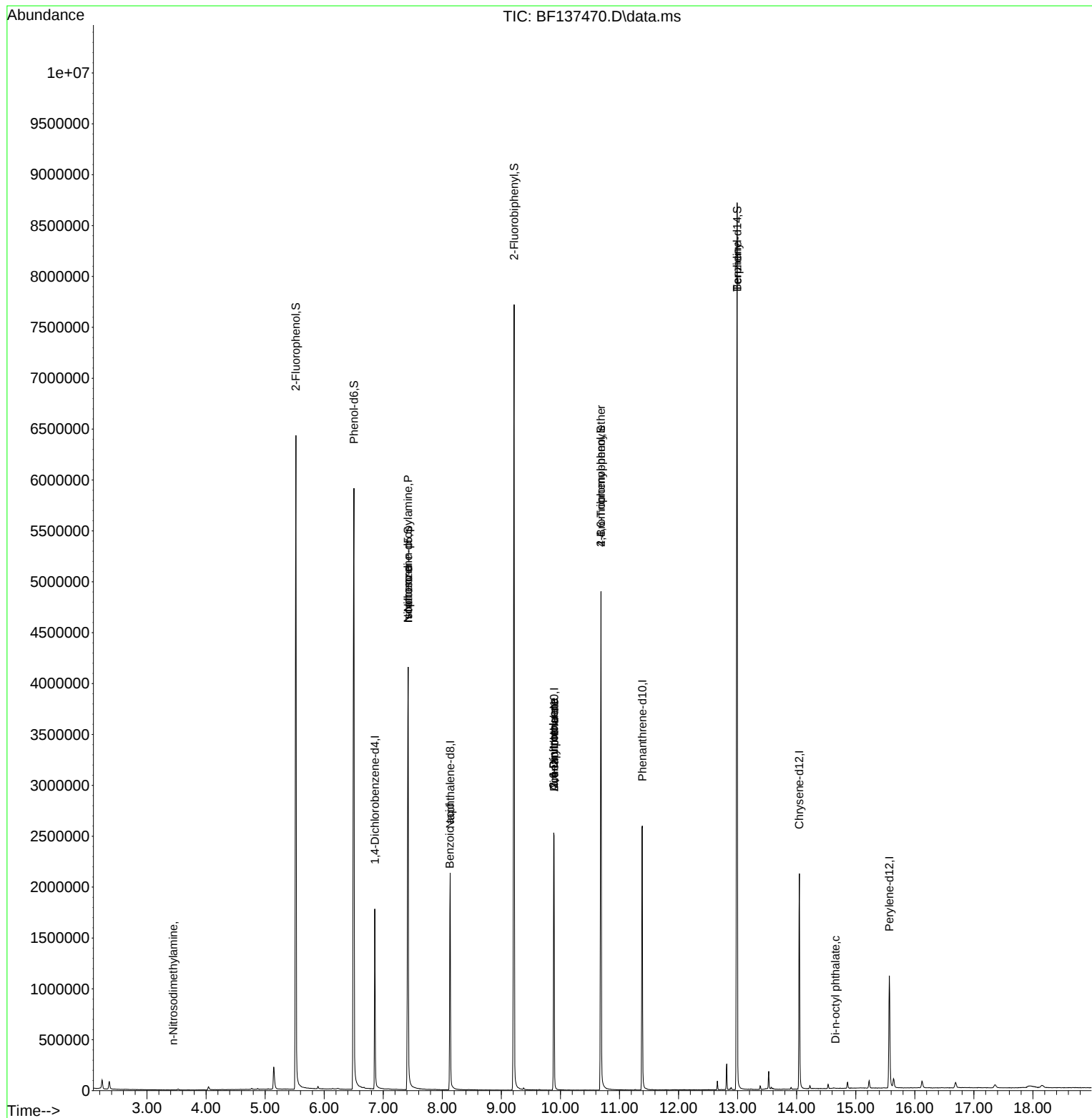
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	248582	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	988552	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	543855	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	1030862	20.000	ng	0.00
76) Chrysene-d12	14.045	240	724156	20.000	ng	0.00
86) Perylene-d12	15.568	264	553261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1874971	114.237	ng	0.01
7) Phenol-d6	6.504	99	2564960	108.264	ng	0.00
23) Nitrobenzene-d5	7.422	82	1643942	77.269	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	636675	133.307	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2596041	74.721	ng	0.00
79) Terphenyl-d14	12.992	244	3427008	65.076	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.445	42	454	3.856	ng	# 1
19) n-Nitroso-di-n-propyla...	7.422	70	218097	14.908	ng	# 80
25) Isophorone	7.422	82	1639173	40.553	ng	# 69
32) Benzoic acid	8.128	122	53	6.304	ng	# 1
50) Dimethylphthalate	9.892	163	112157	2.963	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	71352	9.011	ng	# 20
57) 2,4-Dinitrotoluene	9.886	165	71341	7.333	ng	# 21
67) 4-Bromophenyl-phenylether	10.686	248	42911	3.822	ng	# 1
77) Benzidine	12.992	184	40551	2.288	ng	# 95
85) Di-n-octyl phthalate	14.656	149	215	5.611	ng	# 72

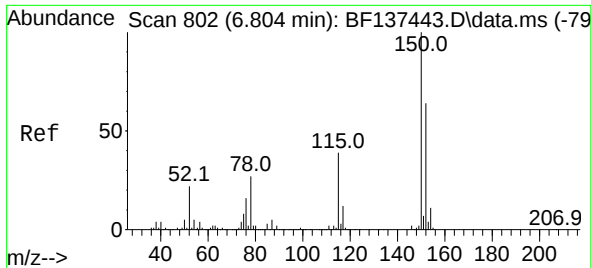
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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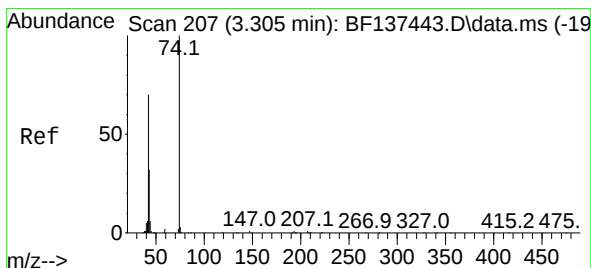
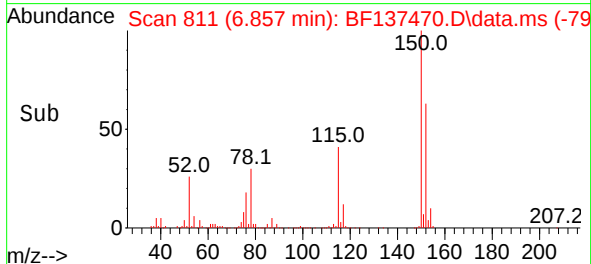
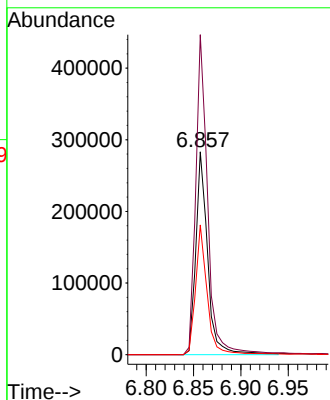
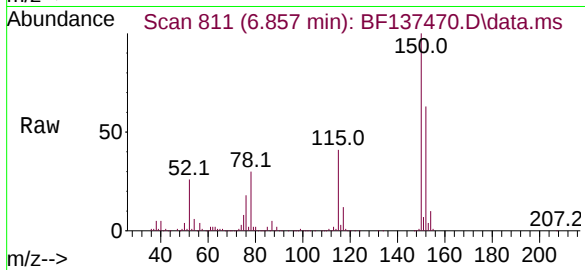




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23

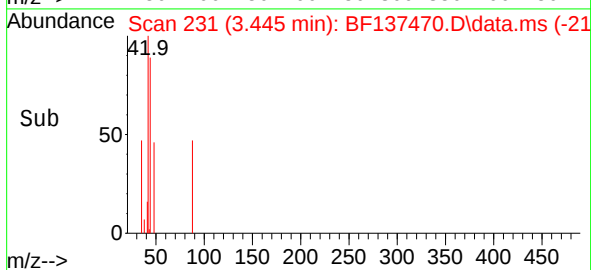
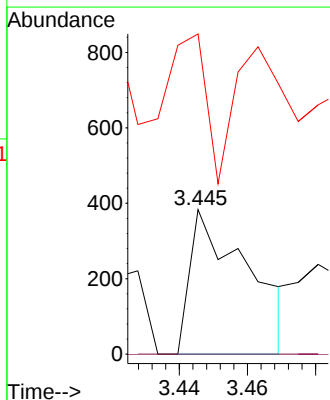
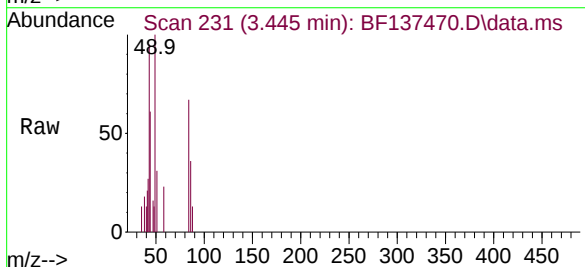
Instrument :
BNA_F
ClientSampleId :
PB159386BL

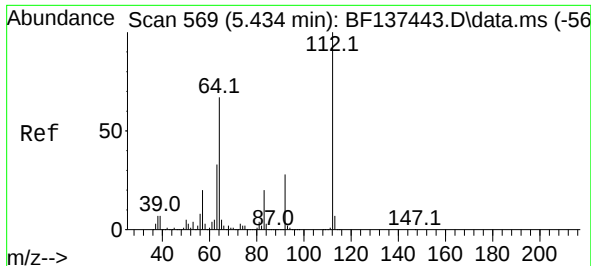
Tgt Ion:152 Resp: 248582
Ion Ratio Lower Upper
152 100
150 157.8 125.8 188.6
115 64.0 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.856 ng
RT: 3.445 min Scan# 231
Delta R.T. -0.000 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23

Tgt Ion: 42 Resp: 454
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 221.7 7.0 10.4#

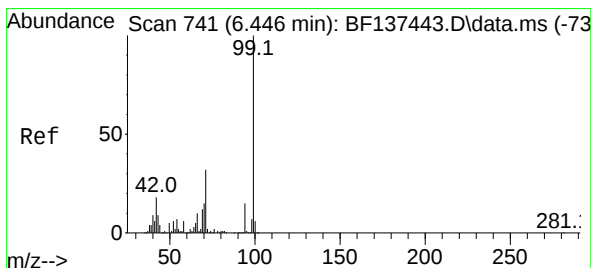
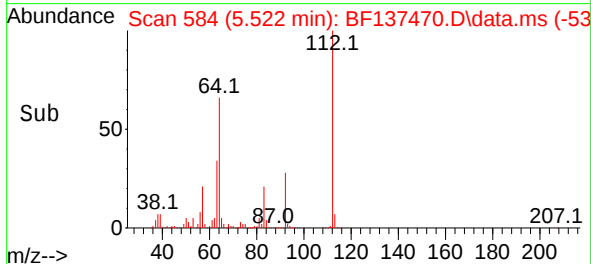
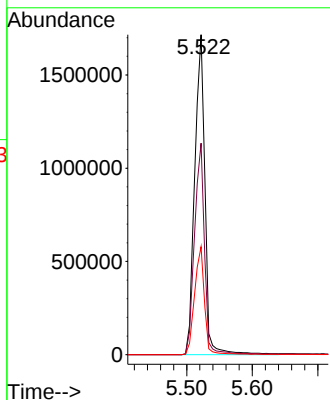
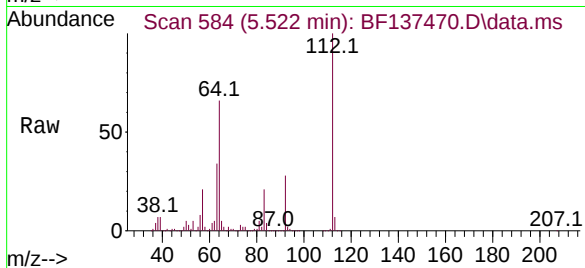




#5
2-Fluorophenol
Concen: 114.237 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23

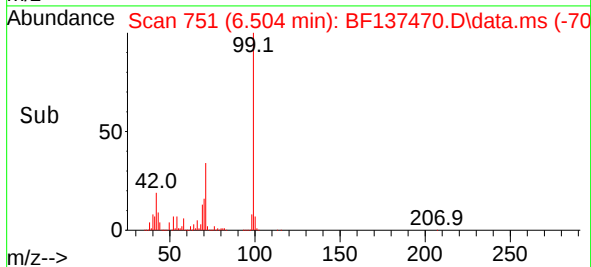
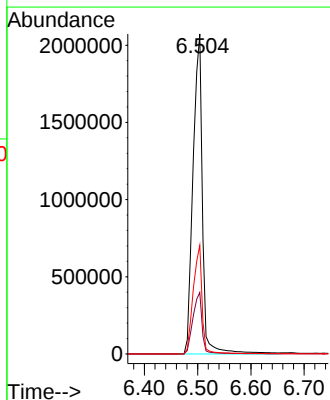
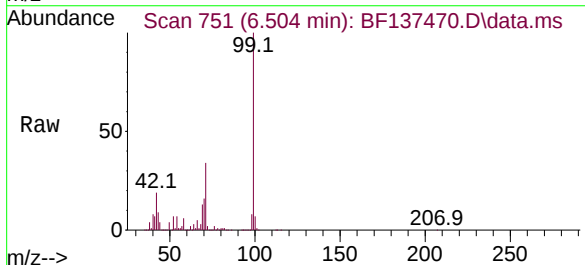
Instrument :
BNA_F
ClientSampleId :
PB159386BL

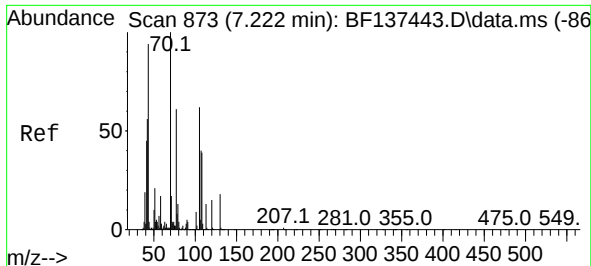
Tgt Ion:112 Resp: 1874971
Ion Ratio Lower Upper
112 100
64 66.1 53.4 80.2
63 33.7 26.2 39.2



#7
Phenol-d6
Concen: 108.264 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23

Tgt Ion: 99 Resp: 2564960
Ion Ratio Lower Upper
99 100
42 19.2 14.6 21.8
71 33.9 25.3 37.9



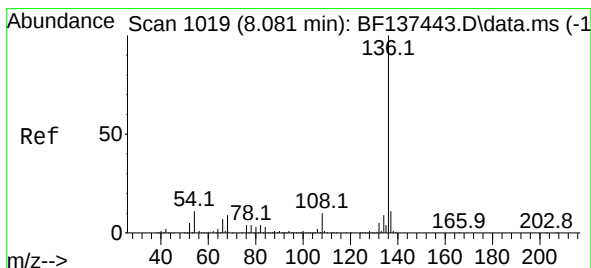
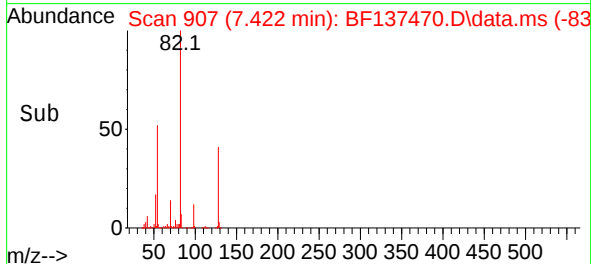
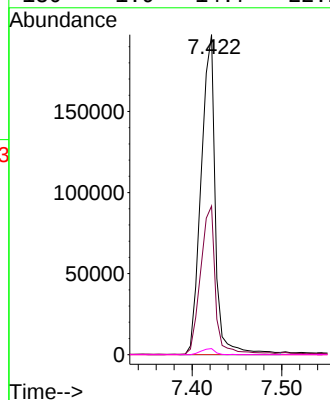
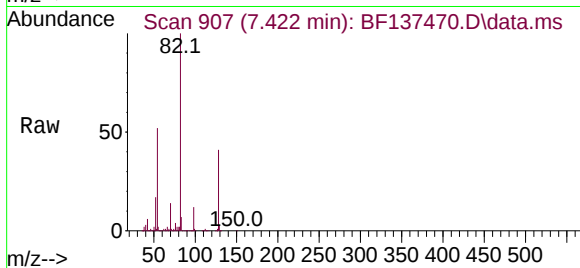


#19
n-Nitroso-di-n-propylamine
Concen: 14.908 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23

Instrument :
BNA_F
ClientSampleId :
PB159386BL

Tgt Ion: 70 Resp: 218097

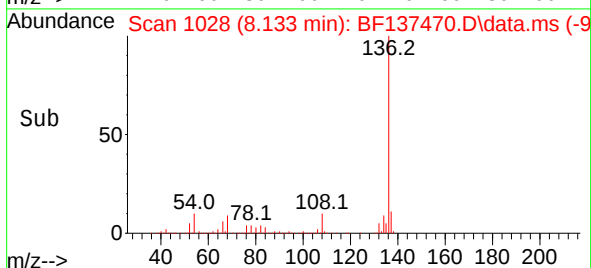
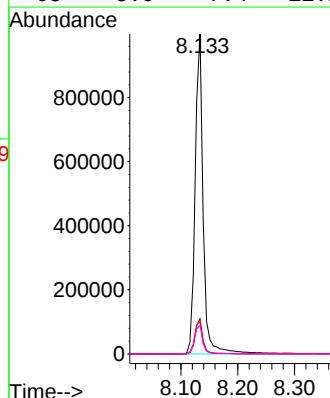
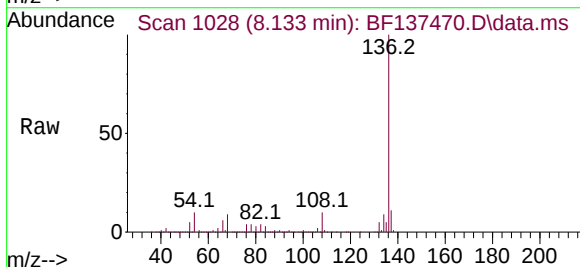
Ion	Ratio	Lower	Upper
70	100		
42	46.4	45.2	67.8
101	0.0	7.3	10.9#
130	1.9	14.7	22.1#

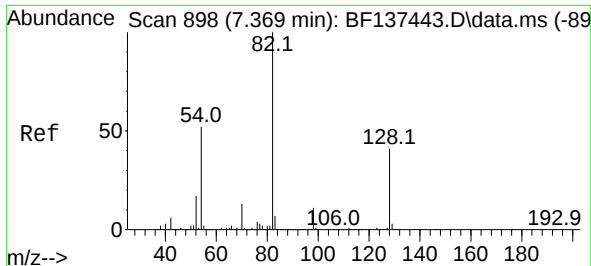


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23

Tgt Ion: 136 Resp: 988552

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.1	8.5	12.7
68	8.9	7.4	11.2





#23

Nitrobenzene-d5

Concen: 77.269 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF137470.D

Acq: 02 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159386BL

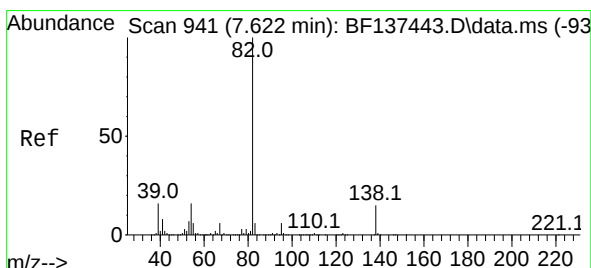
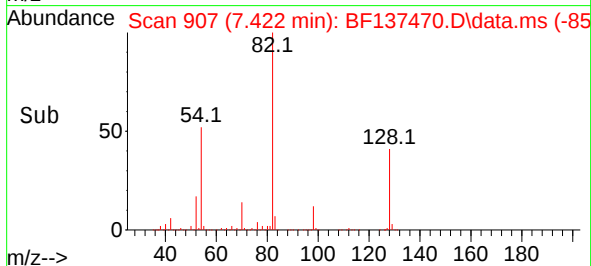
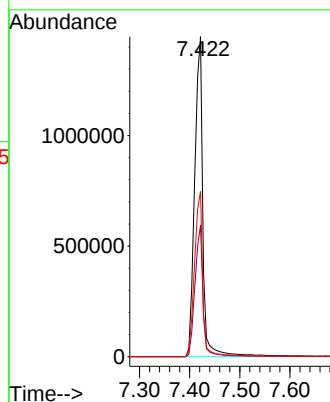
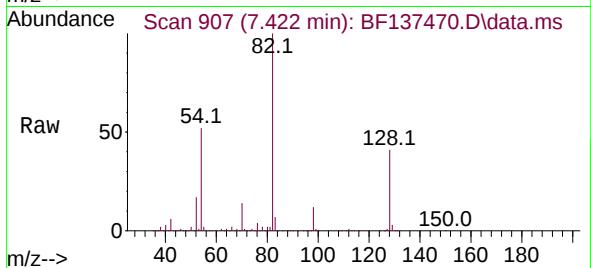
Tgt Ion: 82 Resp: 1643942

Ion Ratio Lower Upper

82 100

128 41.1 32.5 48.7

54 51.6 41.5 62.3



#25

Isophorone

Concen: 40.553 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.259 min

Lab File: BF137470.D

Acq: 02 Mar 2024 13:23

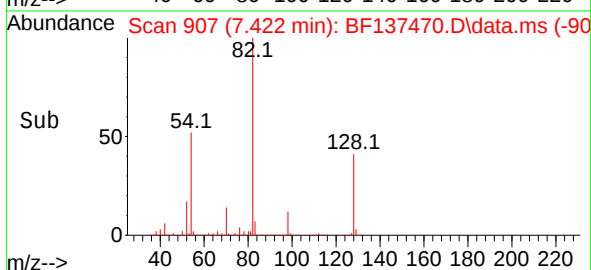
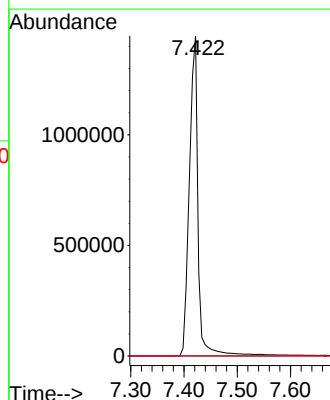
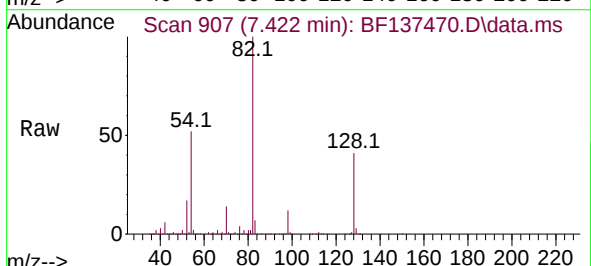
Tgt Ion: 82 Resp: 1639173

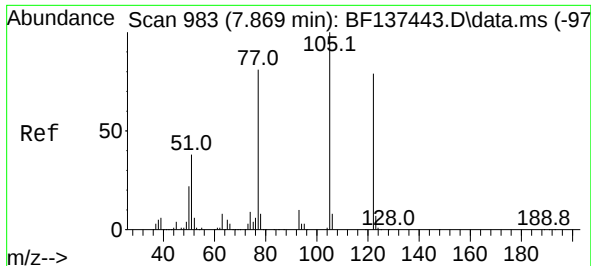
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

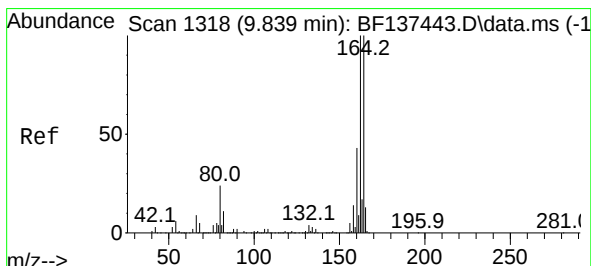
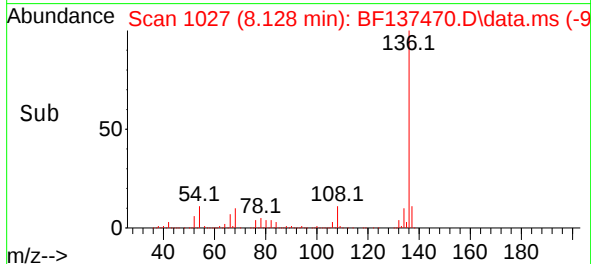
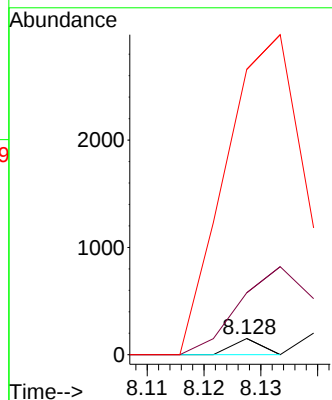
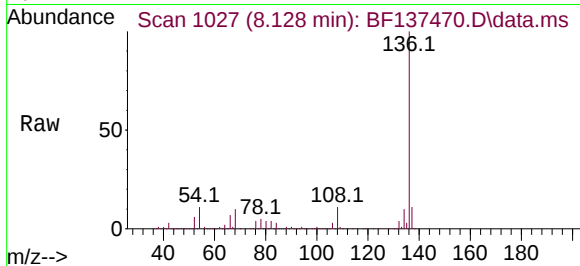




#32
Benzoic acid
Concen: 6.304 ng
RT: 8.128 min Scan# 10
Delta R.T. 0.200 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23

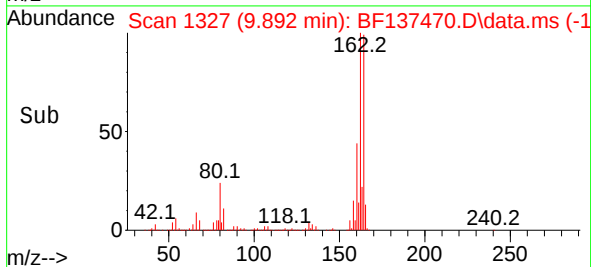
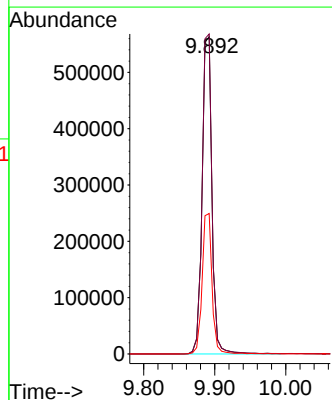
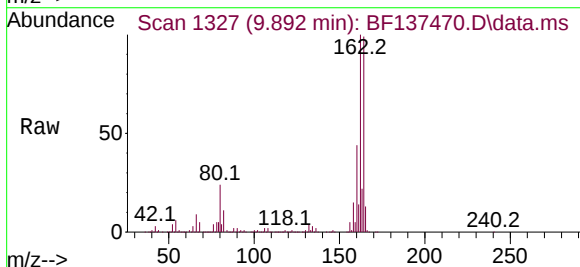
Instrument :
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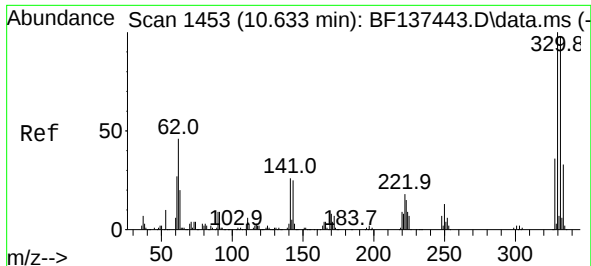
Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 382.1 102.4 142.4#
77 1760.3 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23

Tgt Ion:164 Resp: 543855
Ion Ratio Lower Upper
164 100
162 100.9 79.8 119.8
160 44.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 133.307 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF137470.D

Acq: 02 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159386BL

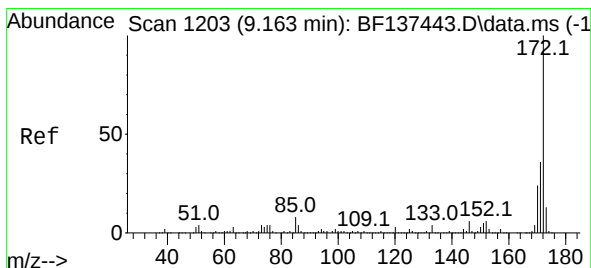
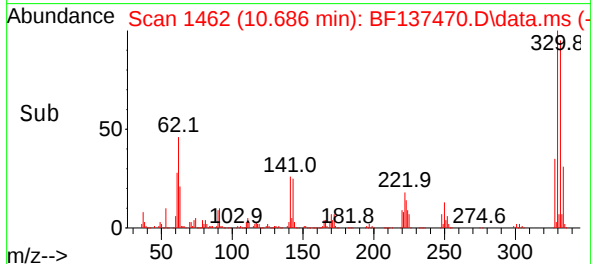
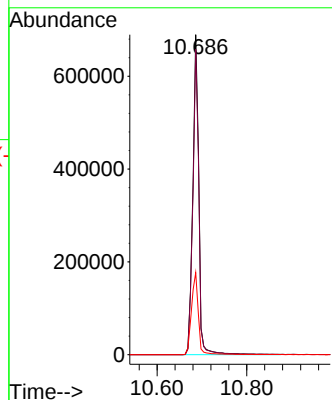
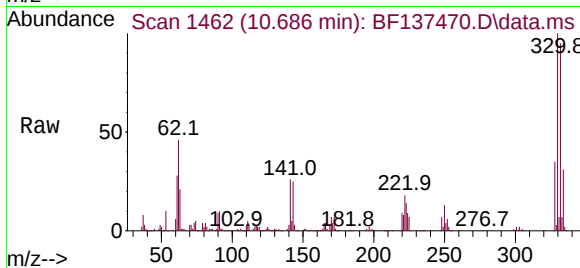
Tgt Ion:330 Resp: 636675

Ion Ratio Lower Upper

330 100

332 95.8 78.0 117.0

141 29.4 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 74.721 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF137470.D

Acq: 02 Mar 2024 13:23

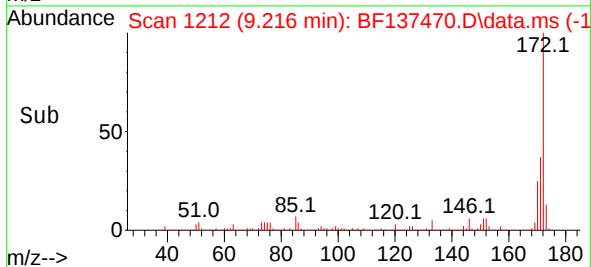
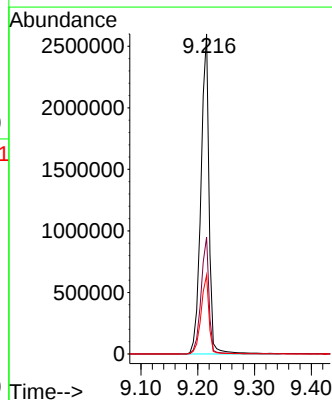
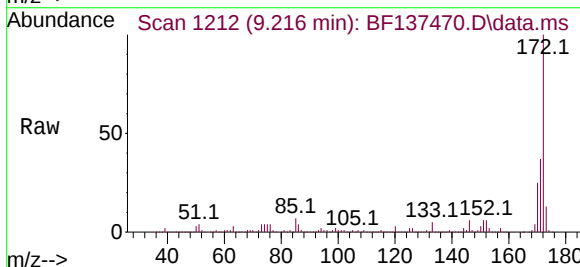
Tgt Ion:172 Resp: 2596041

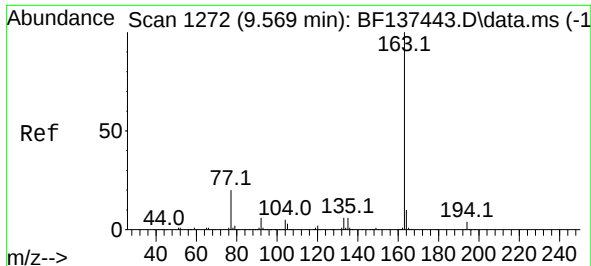
Ion Ratio Lower Upper

172 100

171 36.6 28.5 42.7

170 24.7 19.0 28.6





#50

Dimethylphthalate

Concen: 2.963 ng

RT: 9.892 min Scan# 11

Delta R.T. 0.265 min

Lab File: BF137470.D

Acq: 02 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159386BL

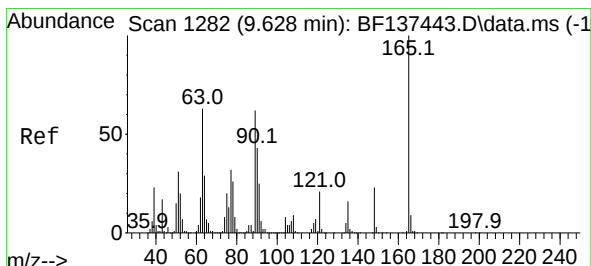
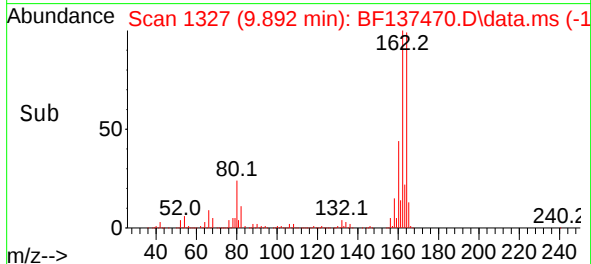
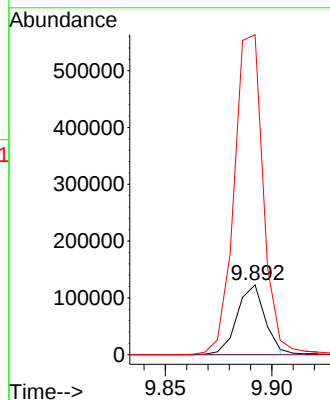
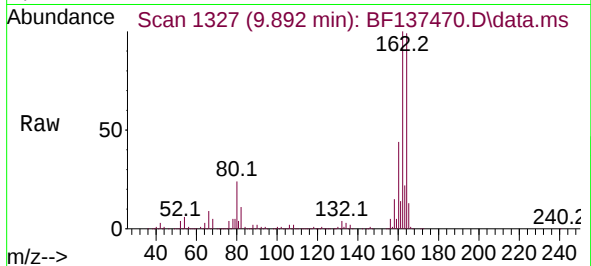
Tgt Ion:163 Resp: 112157

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 458.5 8.1 12.1#



#51

2,6-Dinitrotoluene

Concen: 9.011 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.200 min

Lab File: BF137470.D

Acq: 02 Mar 2024 13:23

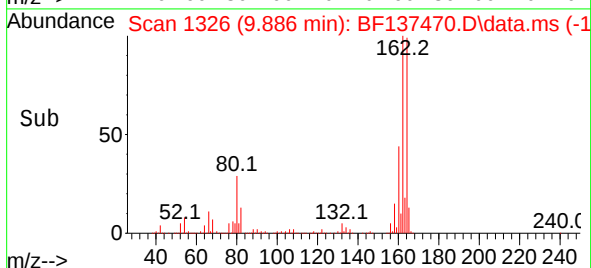
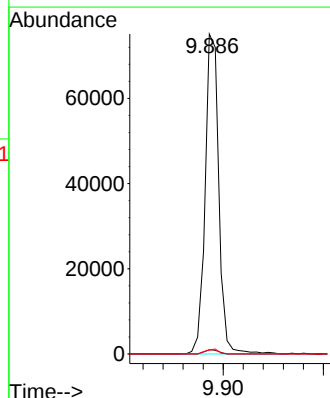
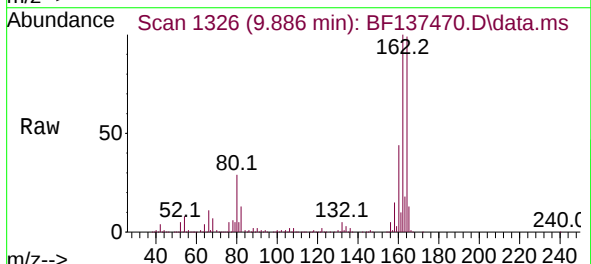
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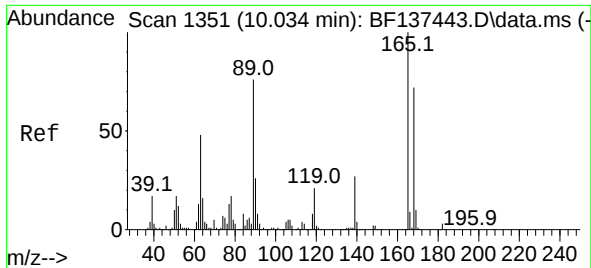
Ion Ratio Lower Upper

165 100

63 1.3 50.7 76.1#

89 1.2 50.0 75.0#

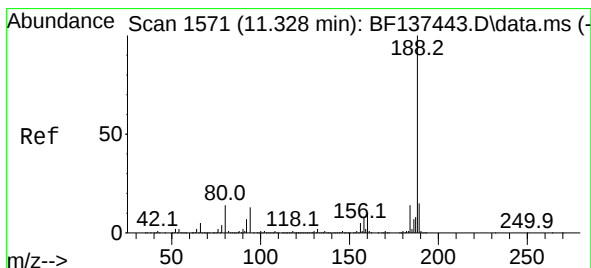
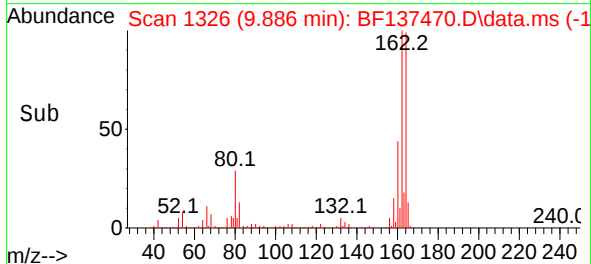
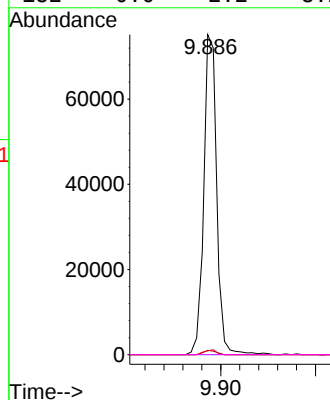
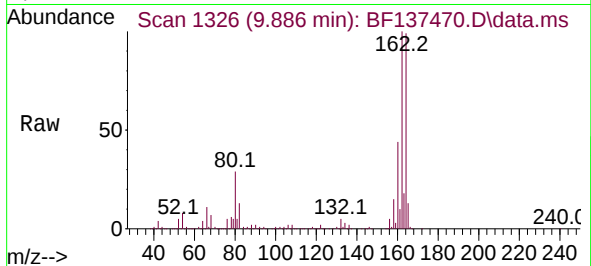




#57
2,4-Dinitrotoluene
Concen: 7.333 ng
RT: 9.886 min Scan# 1581
Delta R.T. -0.206 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23

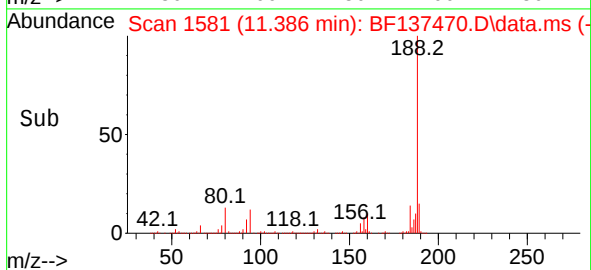
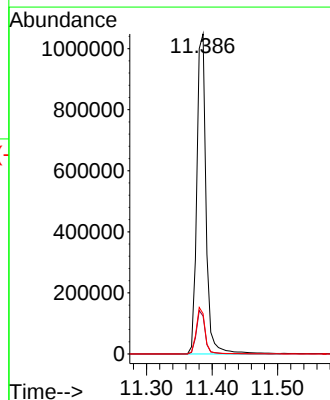
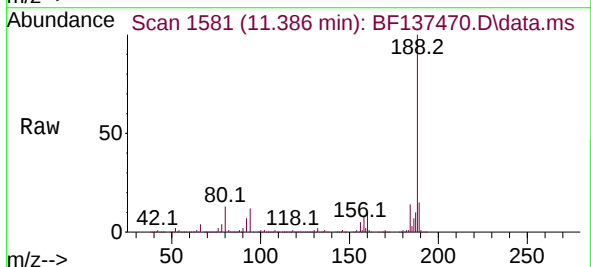
Instrument :
BNA_F
ClientSampleId :
PB159386BL

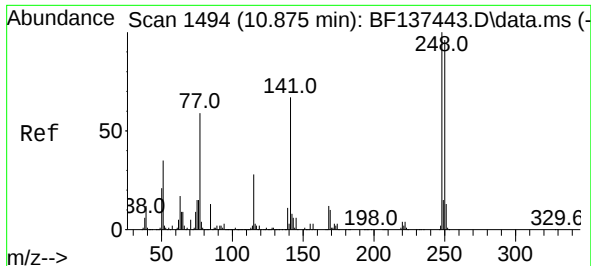
Tgt Ion:165 Resp: 71341
Ion Ratio Lower Upper
165 100
63 1.3 39.0 58.6#
89 1.2 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23

Tgt Ion:188 Resp: 1030862
Ion Ratio Lower Upper
188 100
94 11.9 10.6 15.8
80 12.6 11.5 17.3





#67

4-Bromophenyl-phenylether

Concen: 3.822 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF137470.D

Acq: 02 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159386BL

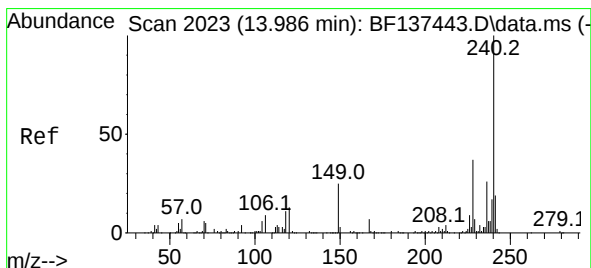
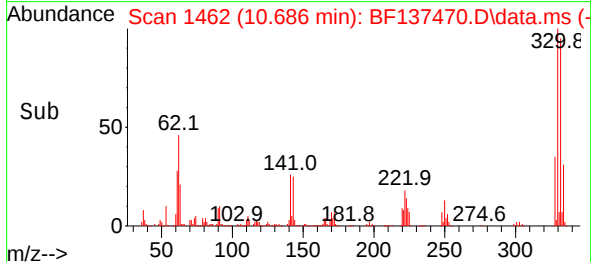
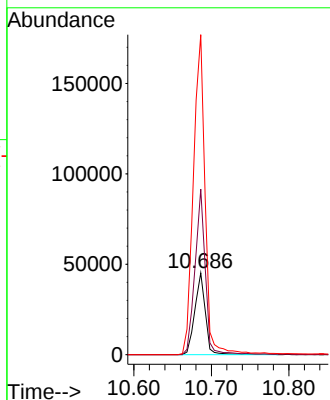
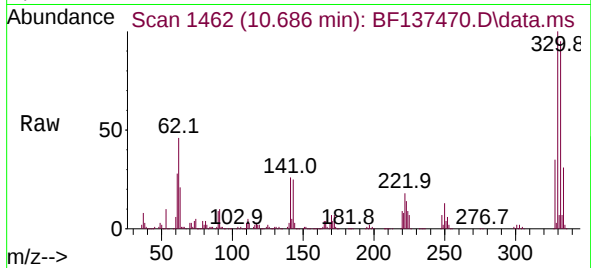
Tgt Ion:248 Resp: 42911

Ion Ratio Lower Upper

248 100

250 202.7 76.8 115.2#

141 391.6 53.4 80.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF137470.D

Acq: 02 Mar 2024 13:23

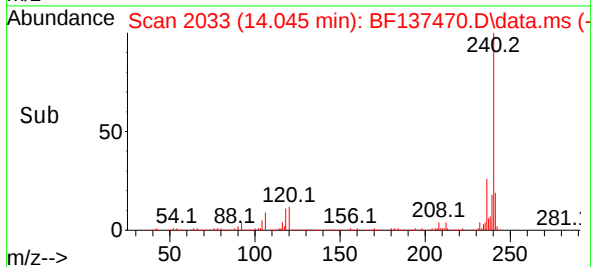
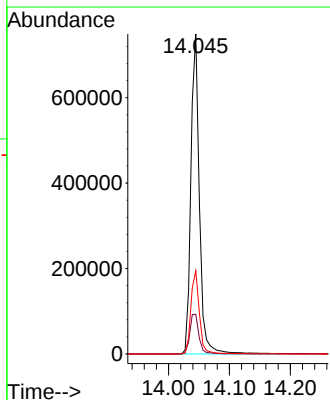
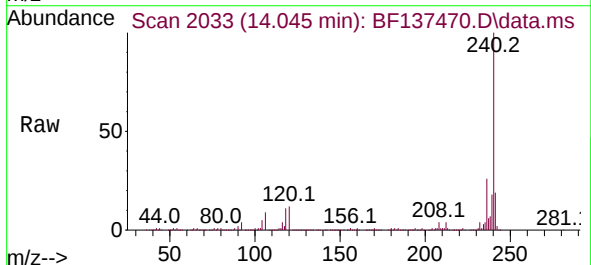
Tgt Ion:240 Resp: 724156

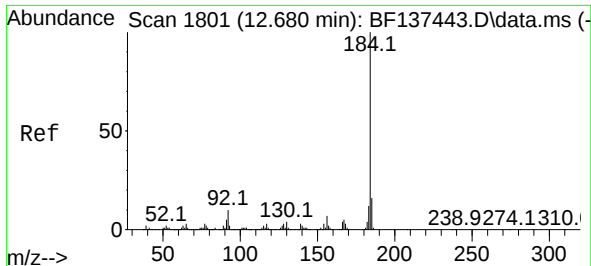
Ion Ratio Lower Upper

240 100

120 12.4 10.4 15.6

236 26.0 20.9 31.3

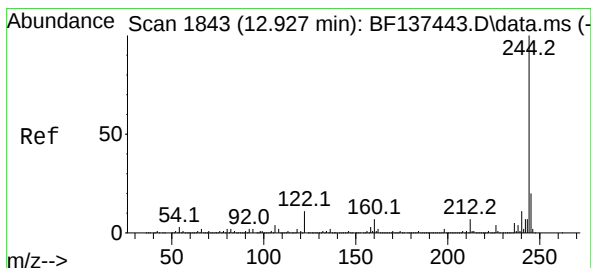
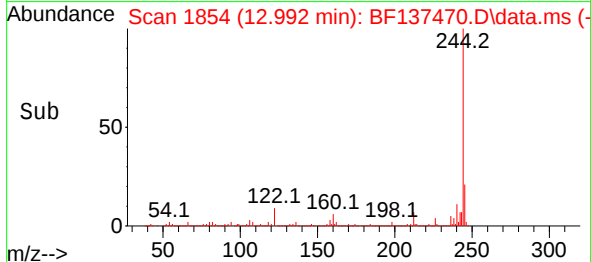
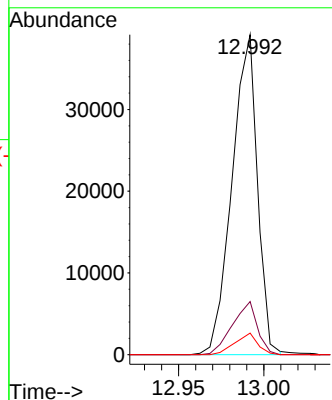
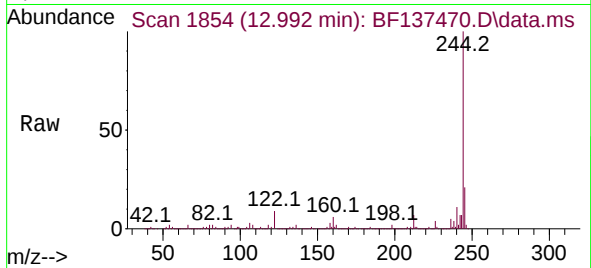




#77
Benzidine
Concen: 2.288 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23

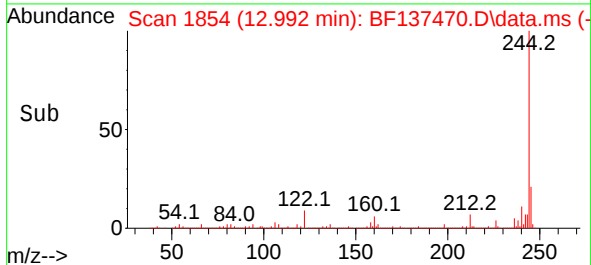
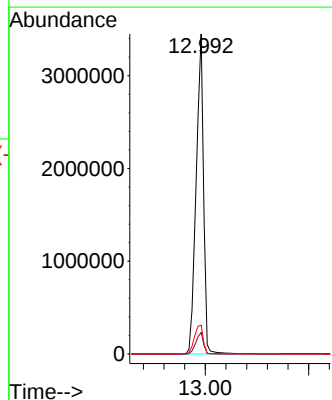
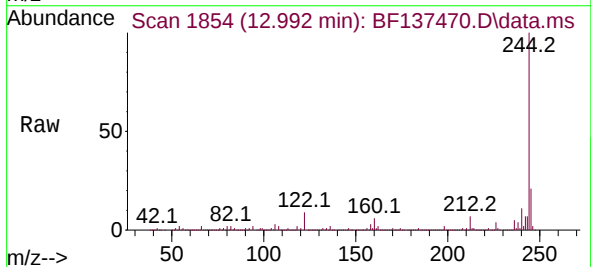
Instrument :
BNA_F
ClientSampleId :
PB159386BL

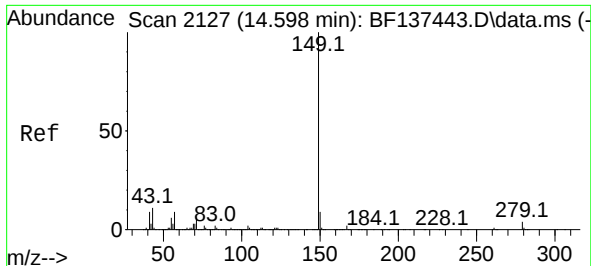
Tgt Ion:184 Resp: 40551
Ion Ratio Lower Upper
184 100
185 16.6 13.2 19.8
183 6.7 9.3 13.9#



#79
Terphenyl-d14
Concen: 65.076 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23

Tgt Ion:244 Resp: 3427008
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 9.0 9.1 13.7#

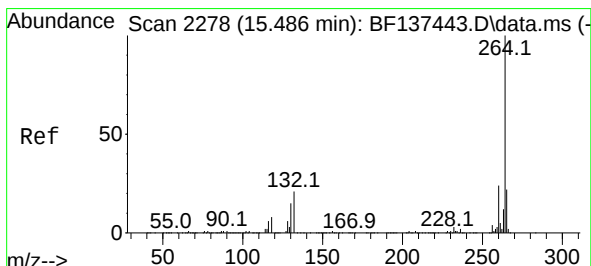
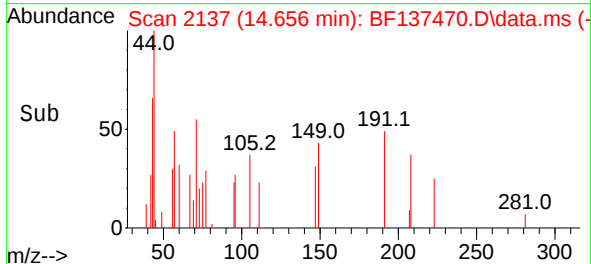
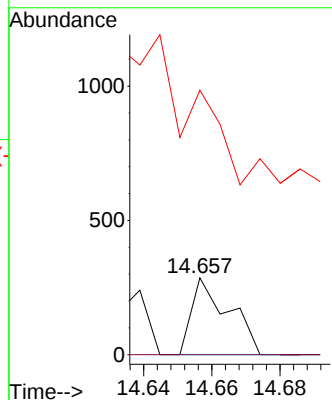
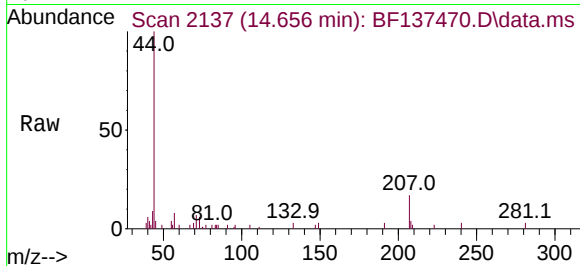




#85
Di-n-octyl phthalate
Concen: 5.611 ng
RT: 14.656 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23

Instrument :
BNA_F
ClientSampleId :
PB159386BL

Tgt Ion:149 Resp: 215
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: BF137470.D
Acq: 02 Mar 2024 13:23

Tgt Ion:264 Resp: 553261
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.4 17.4 26.0

