

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030224\
 Data File : BF137472.D
 Acq On : 02 Mar 2024 14:22
 Operator : CG\JU
 Sample : PB159389BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159389BL

Quant Time: Mar 04 00:32:51 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)

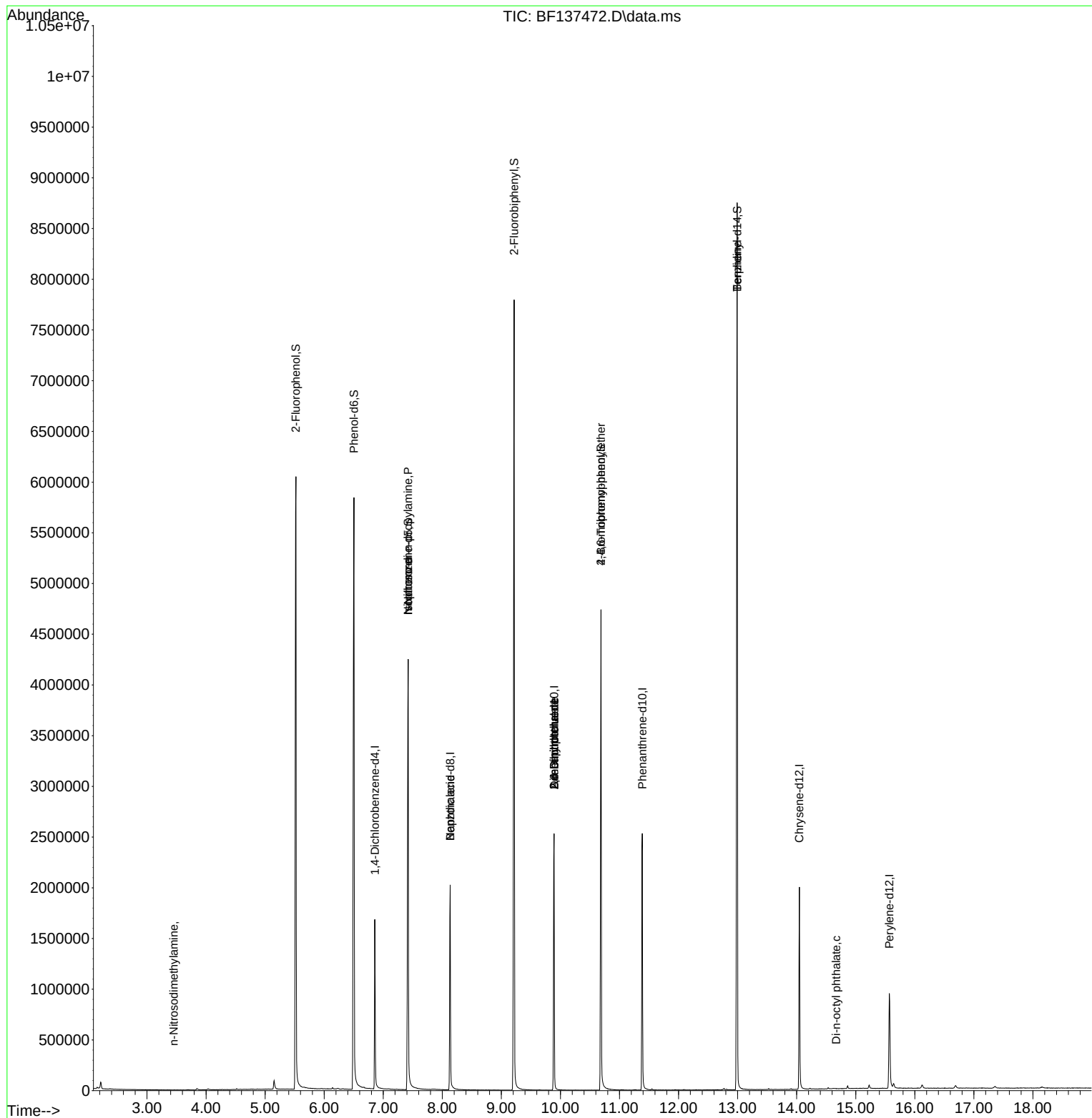
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	236724	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	937074	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	522417	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	966962	20.000	ng	0.00
76) Chrysene-d12	14.045	240	669155	20.000	ng	0.00
86) Perylene-d12	15.568	264	495969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1854302	118.637	ng	0.01
7) Phenol-d6	6.504	99	2553711	113.188	ng	0.00
23) Nitrobenzene-d5	7.422	82	1678695	83.237	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	592291	129.103	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2659781	79.697	ng	0.00
79) Terphenyl-d14	12.992	244	3431876	70.525	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.452	42	326	3.844	ng	# 1
19) n-Nitroso-di-n-propyla...	7.422	70	222776	15.990	ng	# 79
25) Isophorone	7.422	82	1676696	43.761	ng	# 69
32) Benzoic acid	8.134	122	156	6.314	ng	# 1
50) Dimethylphthalate	9.892	163	107365	2.952	ng	# 1
51) 2,6-Dinitrotoluene	9.892	165	67781	8.911	ng	# 20
57) 2,4-Dinitrotoluene	9.892	165	67781	7.253	ng	# 21
67) 4-Bromophenyl-phenylether	10.686	248	38866	3.690	ng	# 1
77) Benzidine	12.992	184	41433	2.530	ng	# 93
85) Di-n-octyl phthalate	14.668	149	290	5.613	ng	# 72

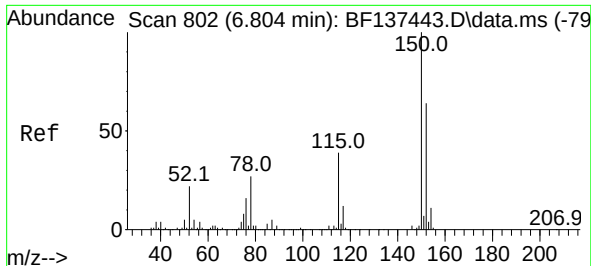
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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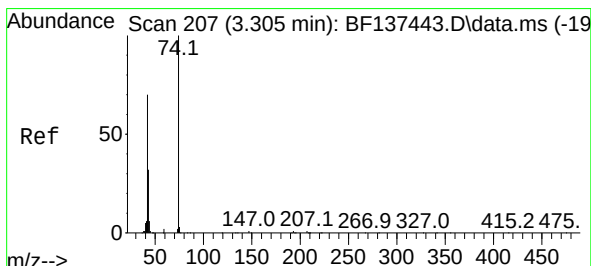
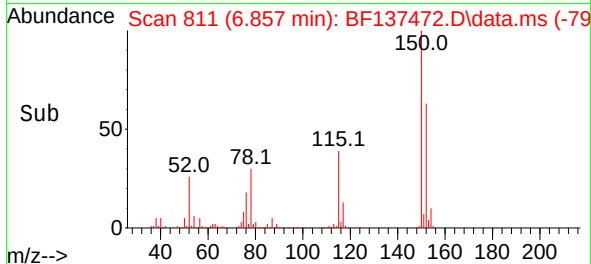
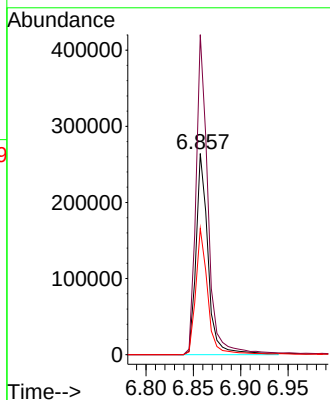
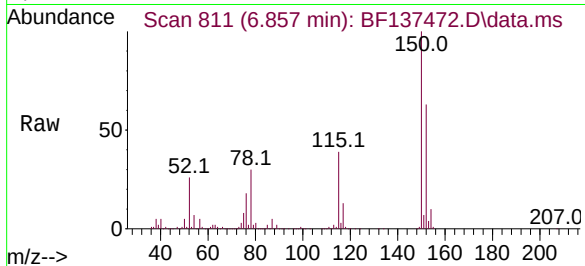




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137472.D
Acq: 02 Mar 2024 14:22

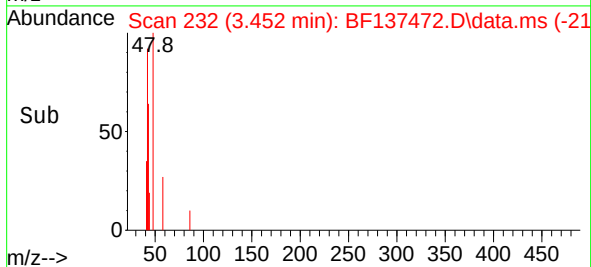
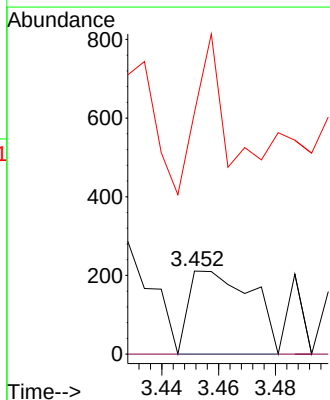
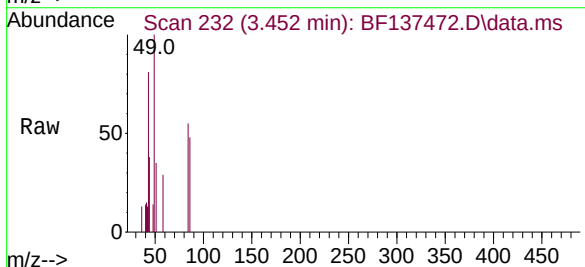
Instrument :
BNA_F
ClientSampleId :
PB159389BL

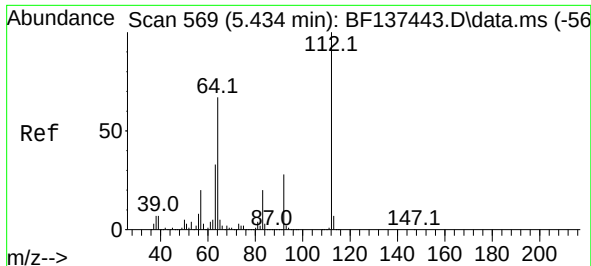
Tgt Ion:152 Resp: 236724
Ion Ratio Lower Upper
152 100
150 159.1 125.8 188.6
115 62.7 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.844 ng
RT: 3.452 min Scan# 232
Delta R.T. 0.006 min
Lab File: BF137472.D
Acq: 02 Mar 2024 14:22

Tgt Ion: 42 Resp: 326
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 291.5 7.0 10.4#

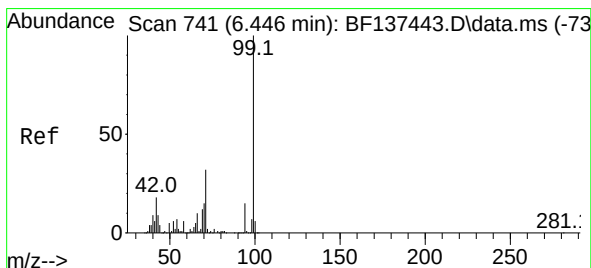
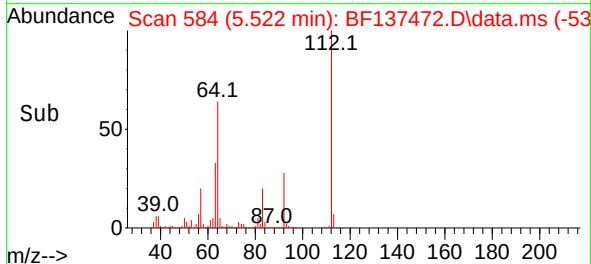
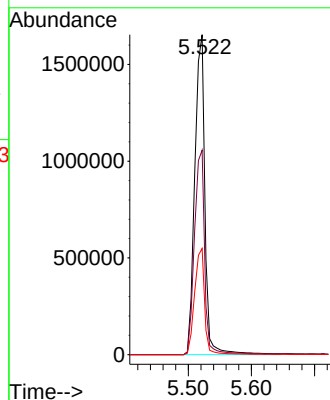
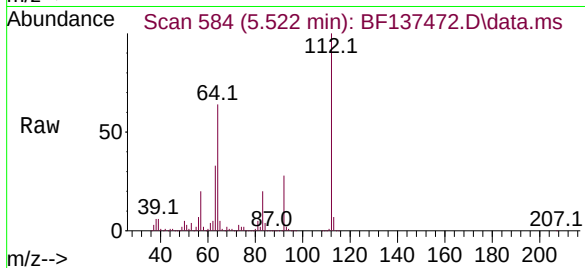




#5
2-Fluorophenol
Concen: 118.637 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137472.D
Acq: 02 Mar 2024 14:22

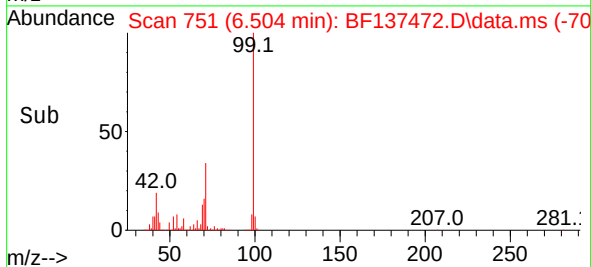
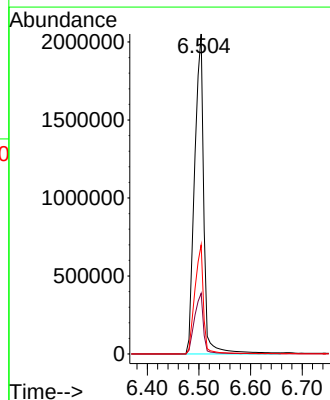
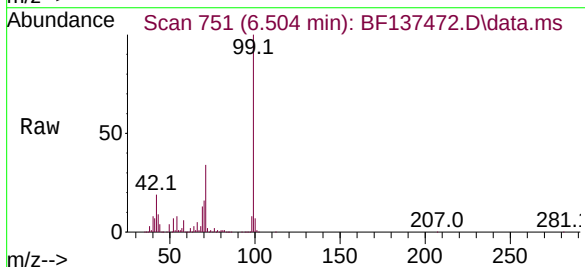
Instrument :
BNA_F
ClientSampleId :
PB159389BL

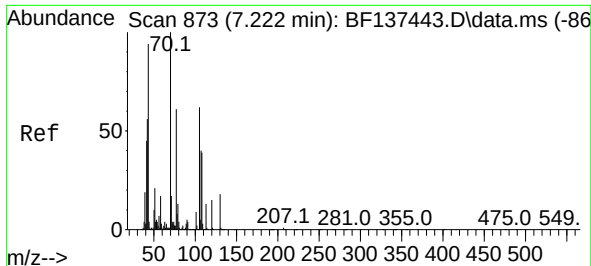
Tgt Ion:112 Resp: 1854302
Ion Ratio Lower Upper
112 100
64 63.9 53.4 80.2
63 33.2 26.2 39.2



#7
Phenol-d6
Concen: 113.188 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF137472.D
Acq: 02 Mar 2024 14:22

Tgt Ion: 99 Resp: 2553711
Ion Ratio Lower Upper
99 100
42 18.9 14.6 21.8
71 34.1 25.3 37.9





#19

n-Nitroso-di-n-propylamine

Concen: 15.990 ng

RT: 7.422 min Scan# 90

Delta R.T. 0.141 min

Lab File: BF137472.D

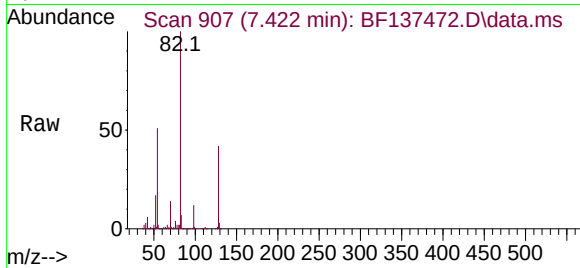
Acq: 02 Mar 2024 14:22

Instrument :

BNA_F

ClientSampleId :

PB159389BL



Tgt Ion: 70 Resp: 222776

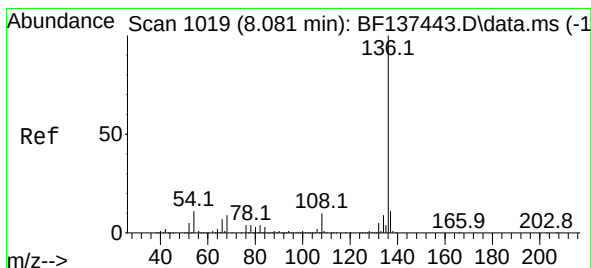
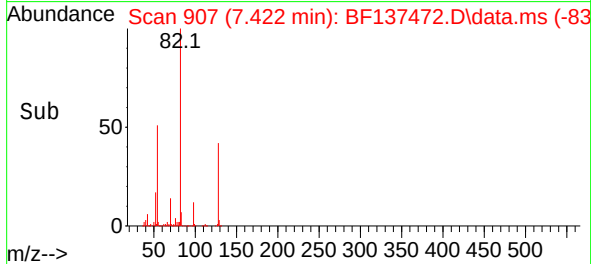
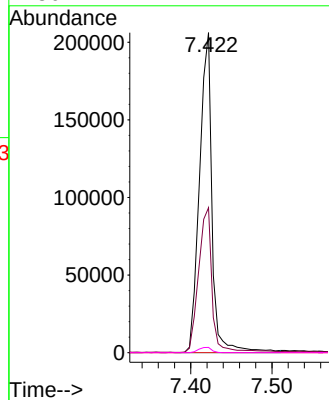
Ion Ratio Lower Upper

70 100

42 45.3 45.2 67.8

101 0.0 7.3 10.9#

130 1.7 14.7 22.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.134 min Scan# 1028

Delta R.T. 0.000 min

Lab File: BF137472.D

Acq: 02 Mar 2024 14:22

Tgt Ion: 136 Resp: 937074

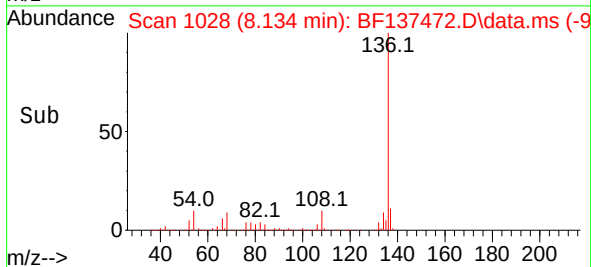
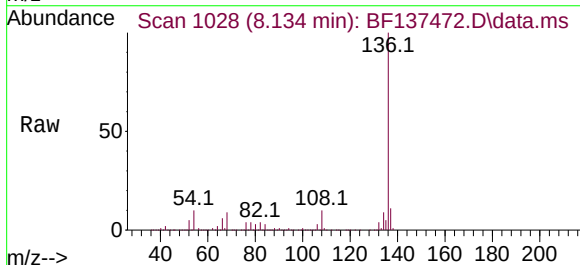
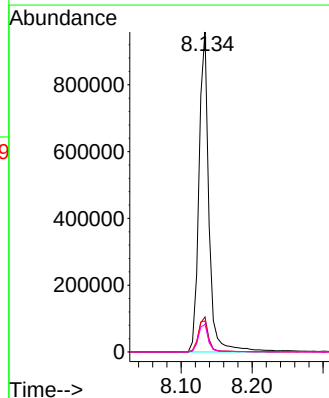
Ion Ratio Lower Upper

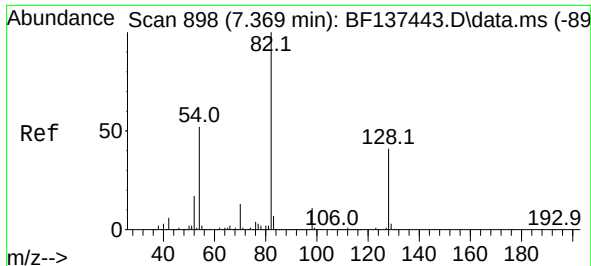
136 100

137 10.9 9.1 13.7

54 9.7 8.5 12.7

68 8.6 7.4 11.2





#23

Nitrobenzene-d5

Concen: 83.237 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF137472.D

Acq: 02 Mar 2024 14:22

Instrument :

BNA_F

ClientSampleId :

PB159389BL

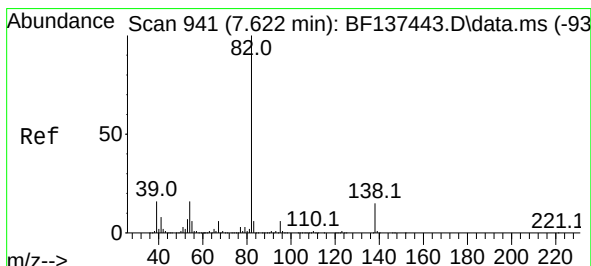
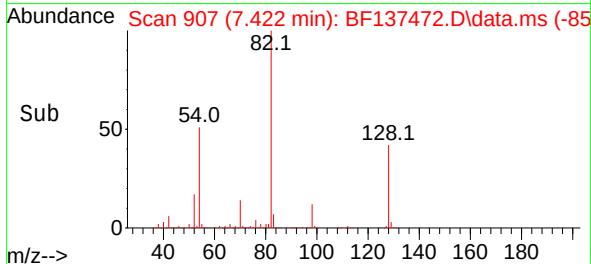
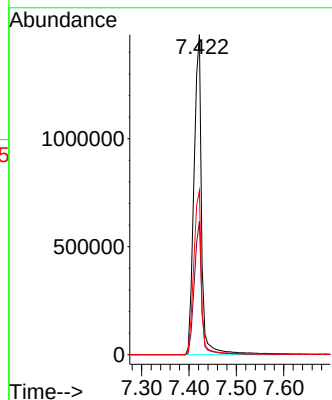
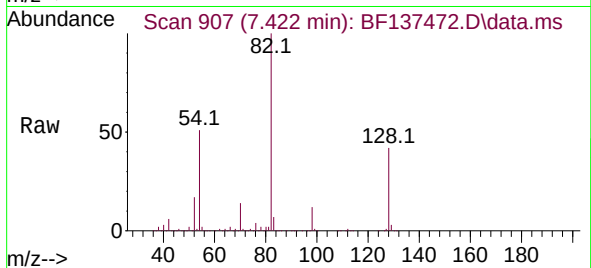
Tgt Ion: 82 Resp: 1678695

Ion Ratio Lower Upper

82 100

128 41.7 32.5 48.7

54 51.4 41.5 62.3



#25

Isophorone

Concen: 43.761 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.259 min

Lab File: BF137472.D

Acq: 02 Mar 2024 14:22

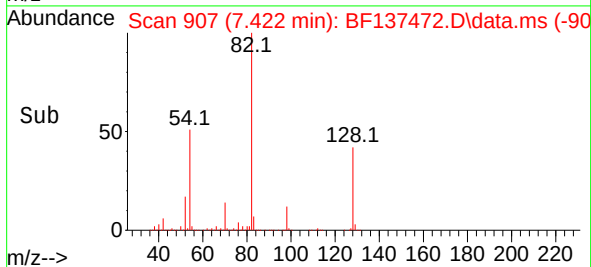
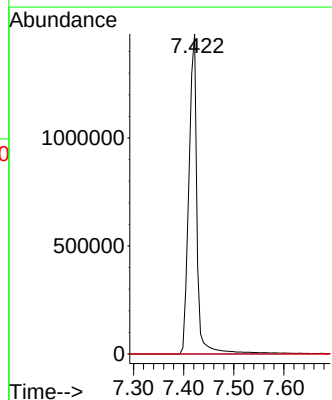
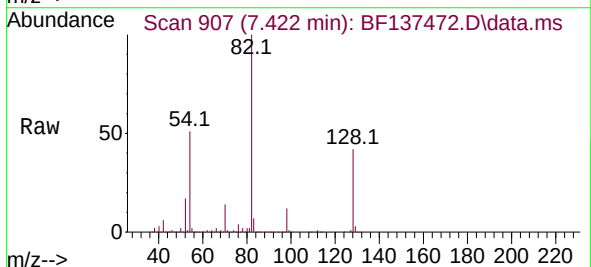
Tgt Ion: 82 Resp: 1676696

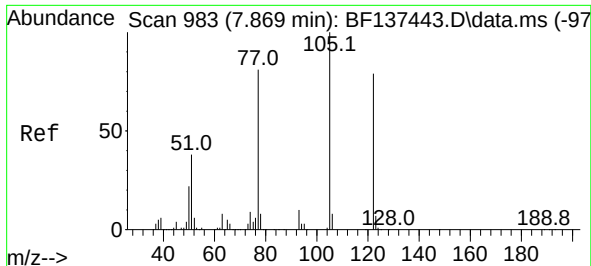
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

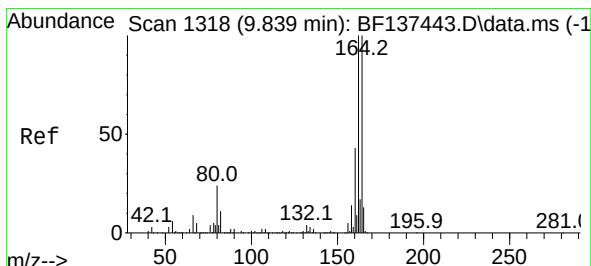
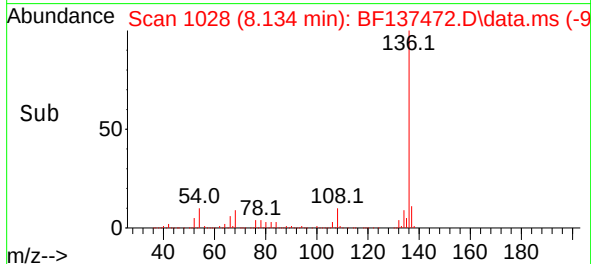
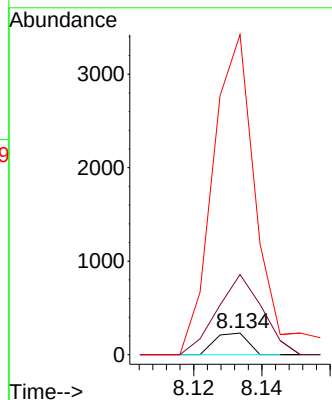
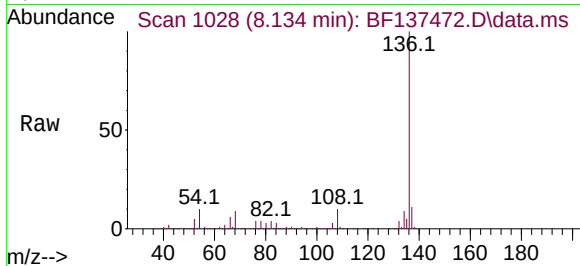




#32
Benzoic acid
Concen: 6.314 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.206 min
Lab File: BF137472.D
Acq: 02 Mar 2024 14:22

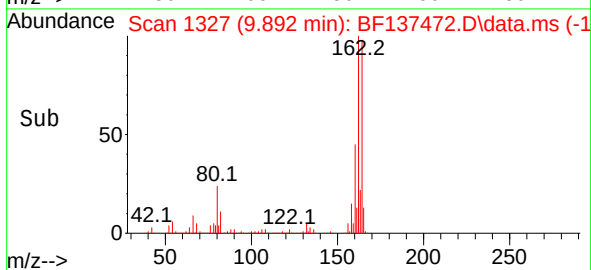
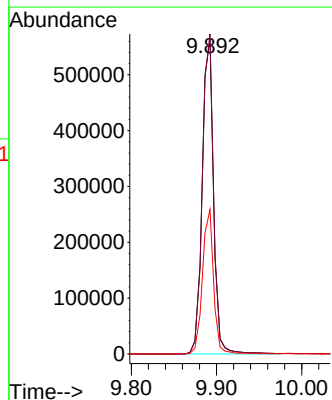
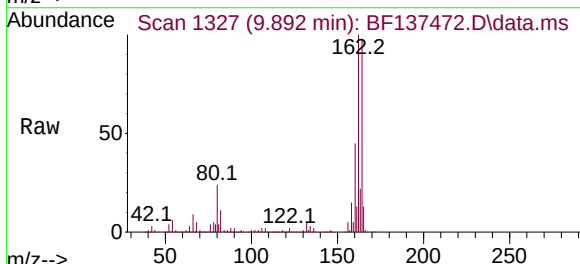
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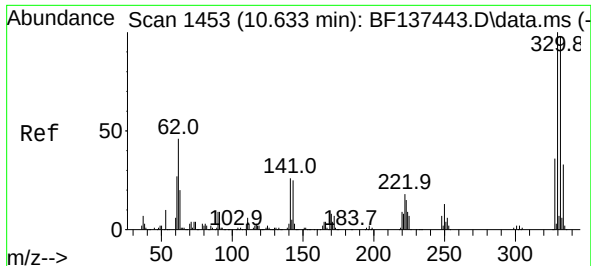
Tgt Ion:122 Resp: 156
Ion Ratio Lower Upper
122 100
105 371.0 102.4 142.4#
77 1481.8 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF137472.D
Acq: 02 Mar 2024 14:22

Tgt Ion:164 Resp: 522417
Ion Ratio Lower Upper
164 100
162 101.7 79.8 119.8
160 45.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 129.103 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF137472.D

Acq: 02 Mar 2024 14:22

Instrument :

BNA_F

ClientSampleId :

PB159389BL

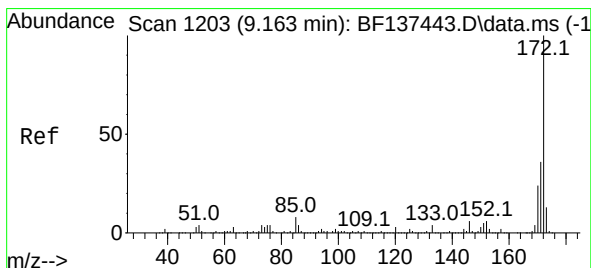
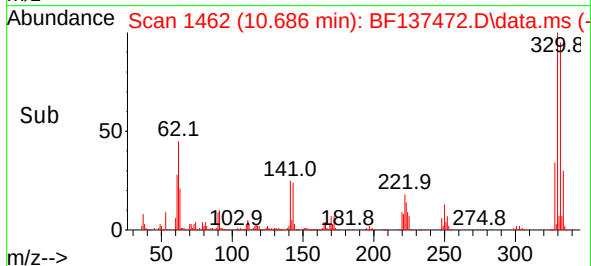
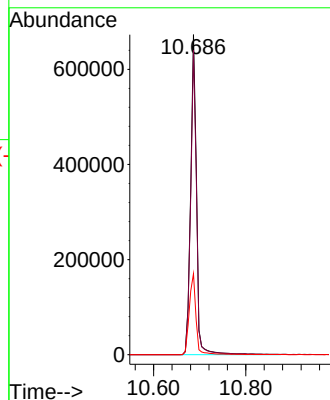
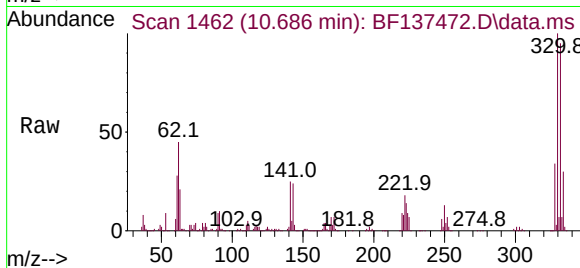
Tgt Ion:330 Resp: 592291

Ion Ratio Lower Upper

330 100

332 94.6 78.0 117.0

141 29.1 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 79.697 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF137472.D

Acq: 02 Mar 2024 14:22

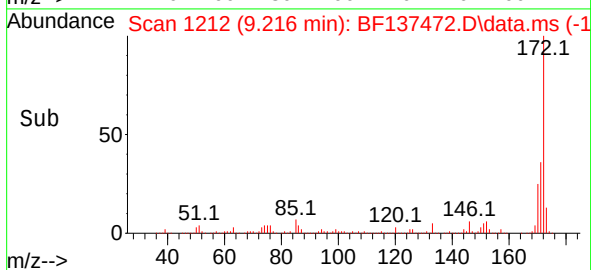
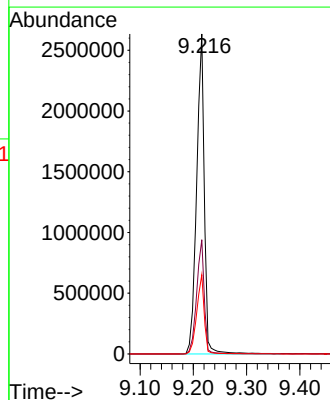
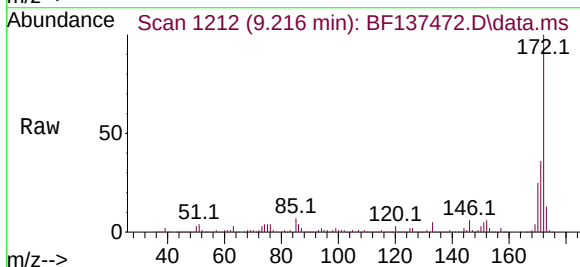
Tgt Ion:172 Resp: 2659781

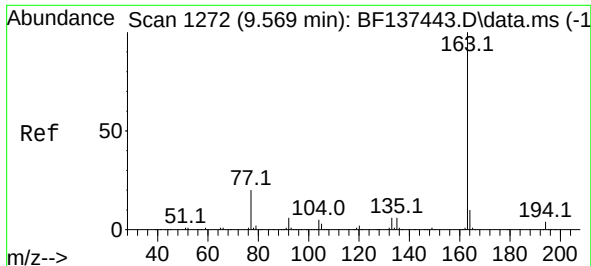
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 24.7 19.0 28.6

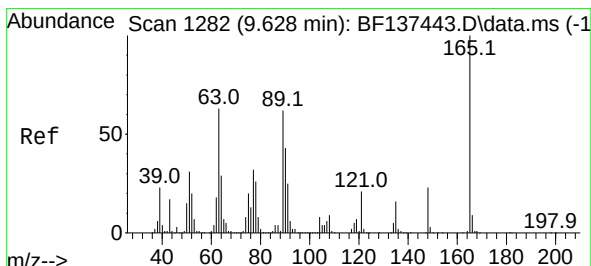
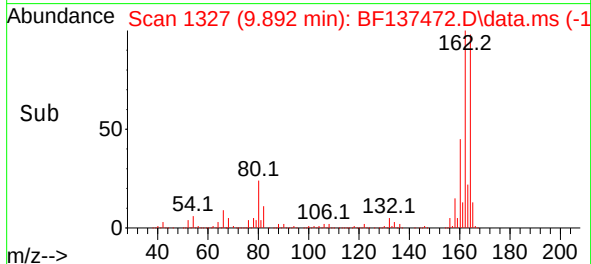
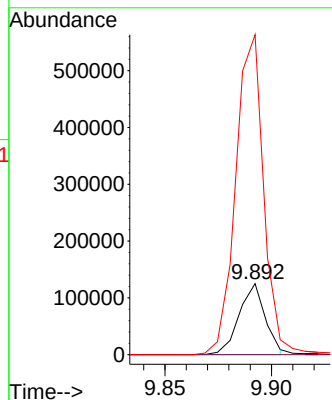
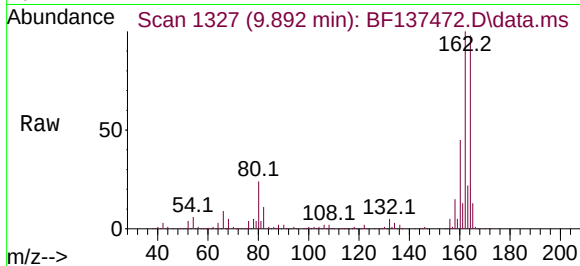




#50
Dimethylphthalate
Concen: 2.952 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.265 min
Lab File: BF137472.D
Acq: 02 Mar 2024 14:22

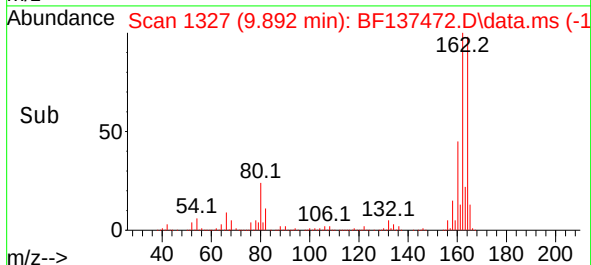
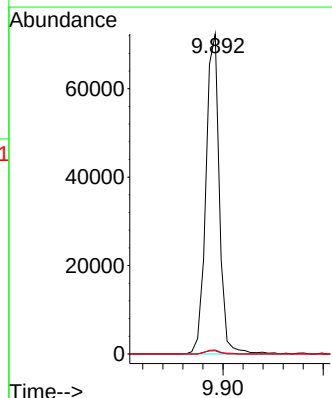
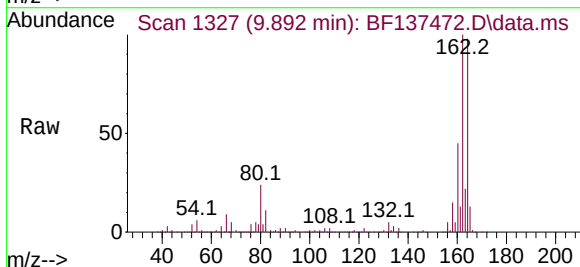
Instrument :
BNA_F
ClientSampleId :
PB159389BL

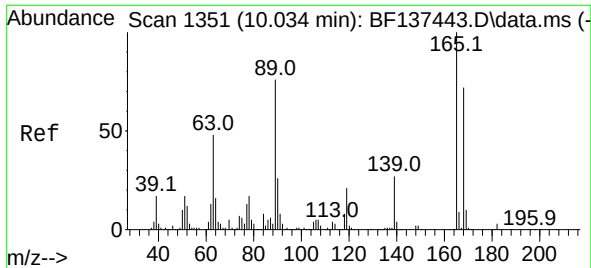
Tgt Ion:163 Resp: 107365
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 450.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.911 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF137472.D
Acq: 02 Mar 2024 14:22

Tgt Ion:165 Resp: 67781
Ion Ratio Lower Upper
165 100
63 1.0 50.7 76.1#
89 1.3 50.0 75.0#

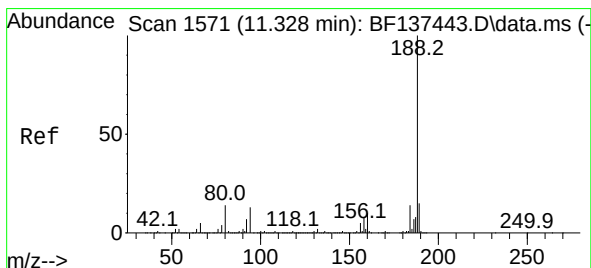
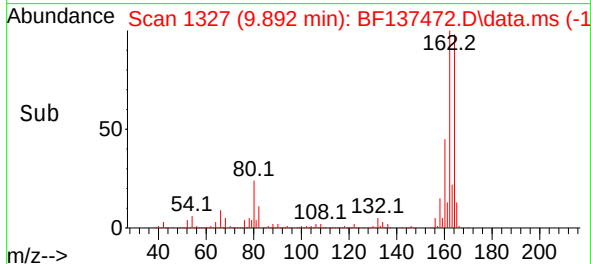
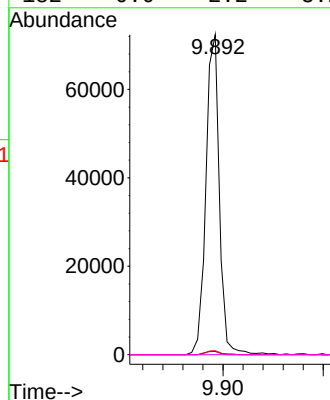
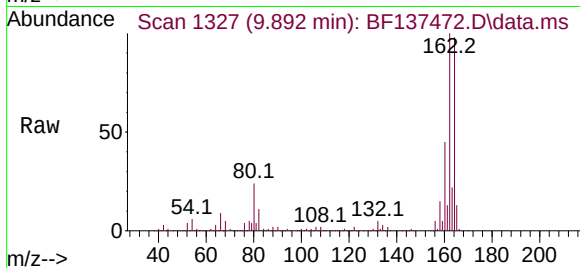




#57
2,4-Dinitrotoluene
Concen: 7.253 ng
RT: 9.892 min Scan# 14
Delta R.T. -0.200 min
Lab File: BF137472.D
Acq: 02 Mar 2024 14:22

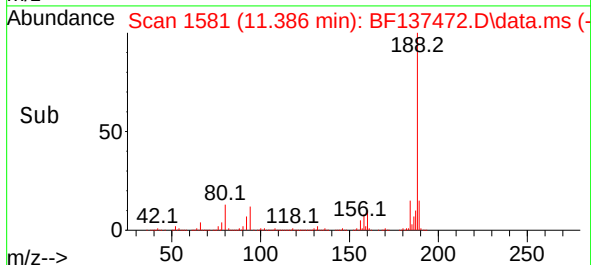
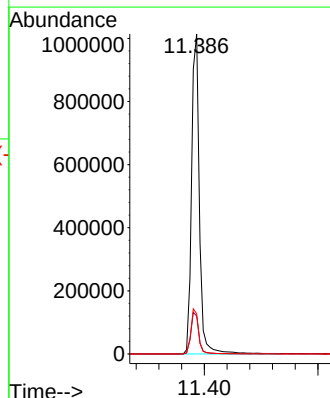
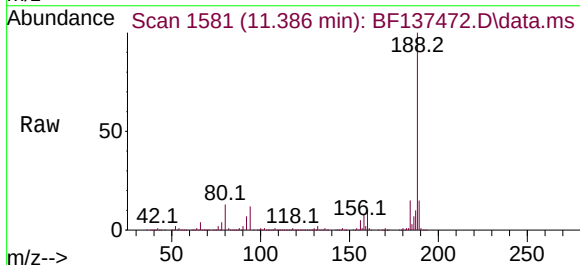
Instrument :
BNA_F
ClientSampleId :
PB159389BL

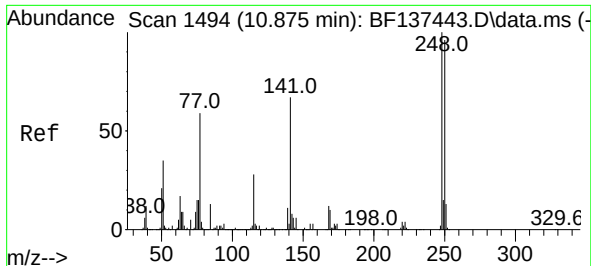
Tgt Ion:165 Resp: 67781
Ion Ratio Lower Upper
165 100
63 1.0 39.0 58.6#
89 1.3 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF137472.D
Acq: 02 Mar 2024 14:22

Tgt Ion:188 Resp: 966962
Ion Ratio Lower Upper
188 100
94 11.8 10.6 15.8
80 12.6 11.5 17.3

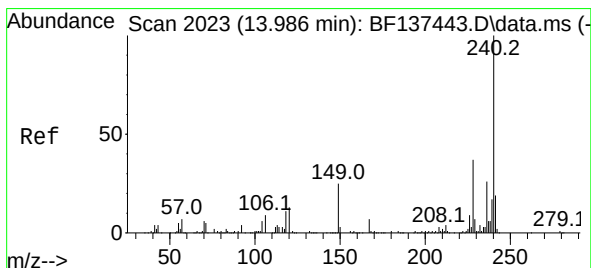
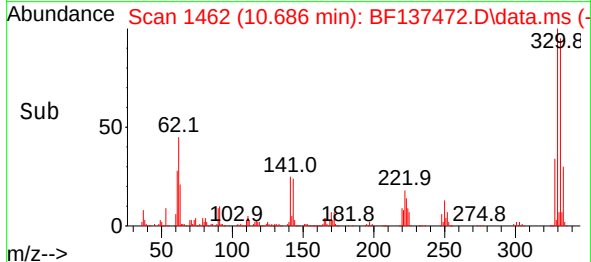
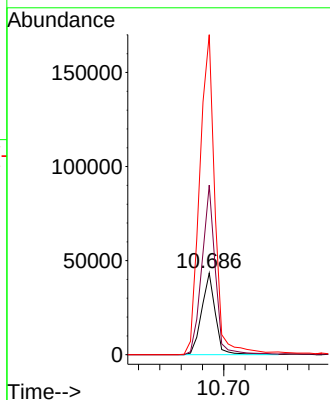
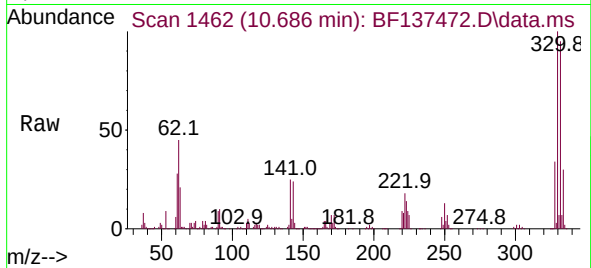




#67
4-Bromophenyl-phenylether
Concen: 3.690 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF137472.D
Acq: 02 Mar 2024 14:22

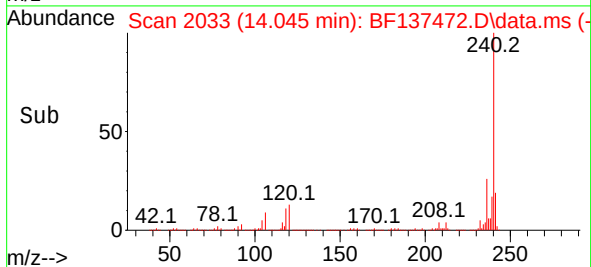
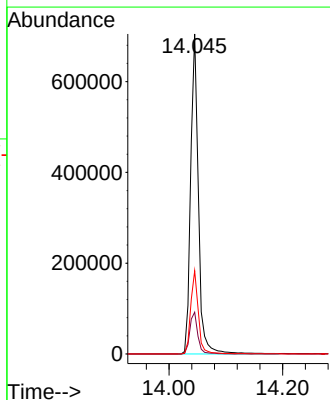
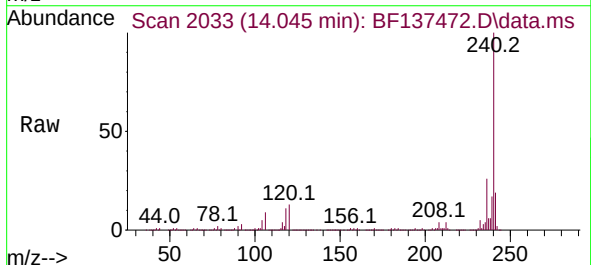
Instrument :
BNA_F
ClientSampleId :
PB159389BL

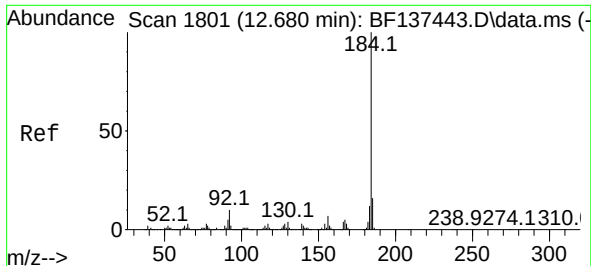
Tgt Ion:248 Resp: 38866
Ion Ratio Lower Upper
248 100
250 207.8 76.8 115.2#
141 392.1 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF137472.D
Acq: 02 Mar 2024 14:22

Tgt Ion:240 Resp: 669155
Ion Ratio Lower Upper
240 100
120 13.0 10.4 15.6
236 26.0 20.9 31.3

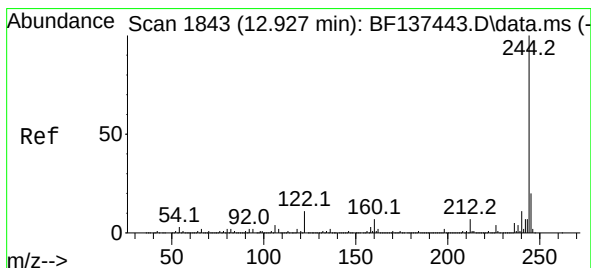
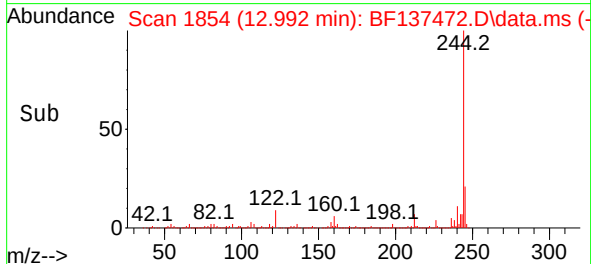
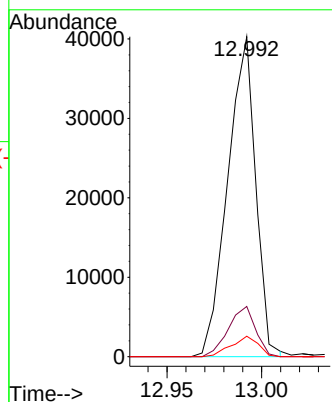
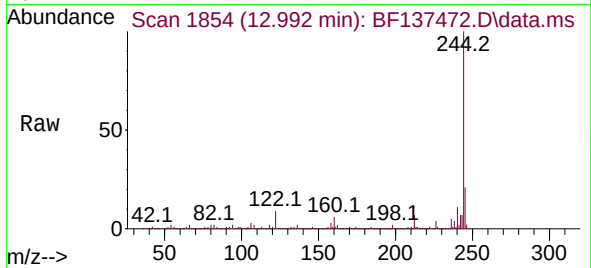




#77
Benzidine
Concen: 2.530 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF137472.D
Acq: 02 Mar 2024 14:22

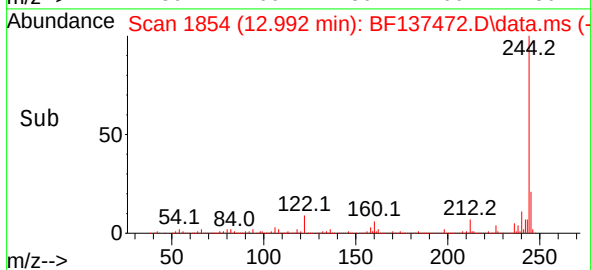
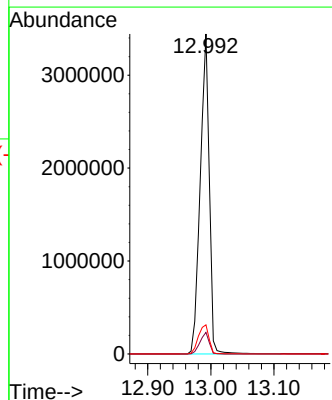
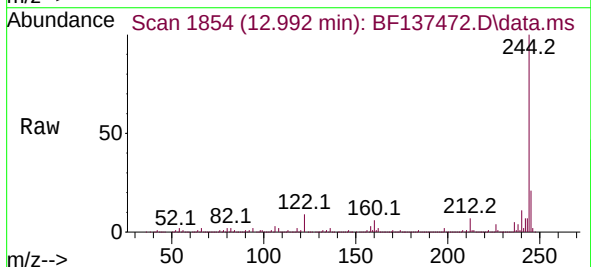
Instrument :
BNA_F
ClientSampleId :
PB159389BL

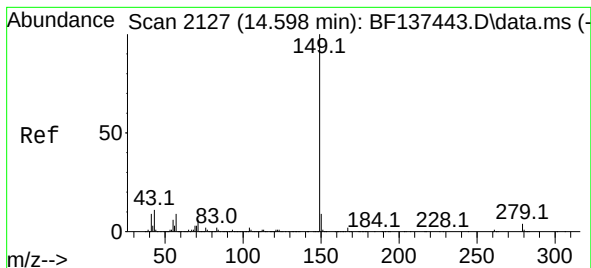
Tgt Ion:184 Resp: 41433
Ion Ratio Lower Upper
184 100
185 15.7 13.2 19.8
183 6.4 9.3 13.9#



#79
Terphenyl-d14
Concen: 70.525 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF137472.D
Acq: 02 Mar 2024 14:22

Tgt Ion:244 Resp: 3431876
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 9.1 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.613 ng

RT: 14.668 min Scan# 2127

Delta R.T. 0.006 min

Lab File: BF137472.D

Acq: 02 Mar 2024 14:22

Instrument :

BNA_F

ClientSampleId :

PB159389BL

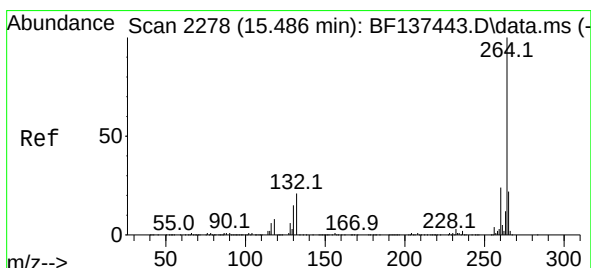
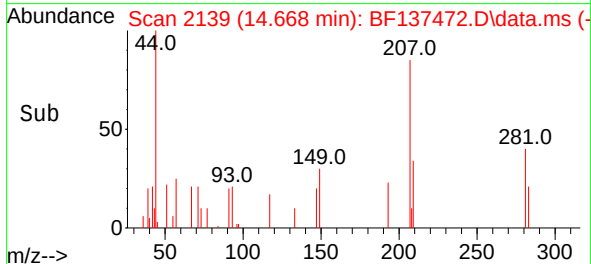
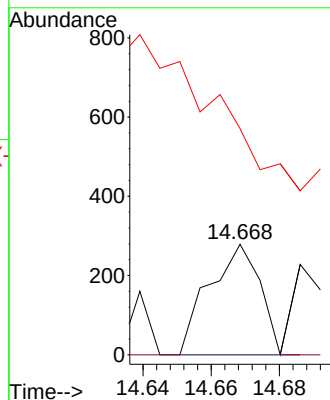
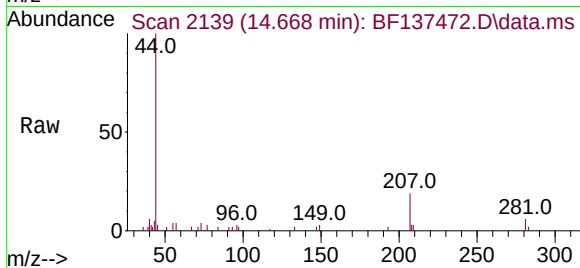
Tgt Ion:149 Resp: 290

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: BF137472.D

Acq: 02 Mar 2024 14:22

Tgt Ion:264 Resp: 495969

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 21.3 17.4 26.0

