

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030224\
 Data File : BF137474.D
 Acq On : 02 Mar 2024 15:22
 Operator : CG\JU
 Sample : PB159348TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159348TB

Quant Time: Mar 04 00:34:07 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)

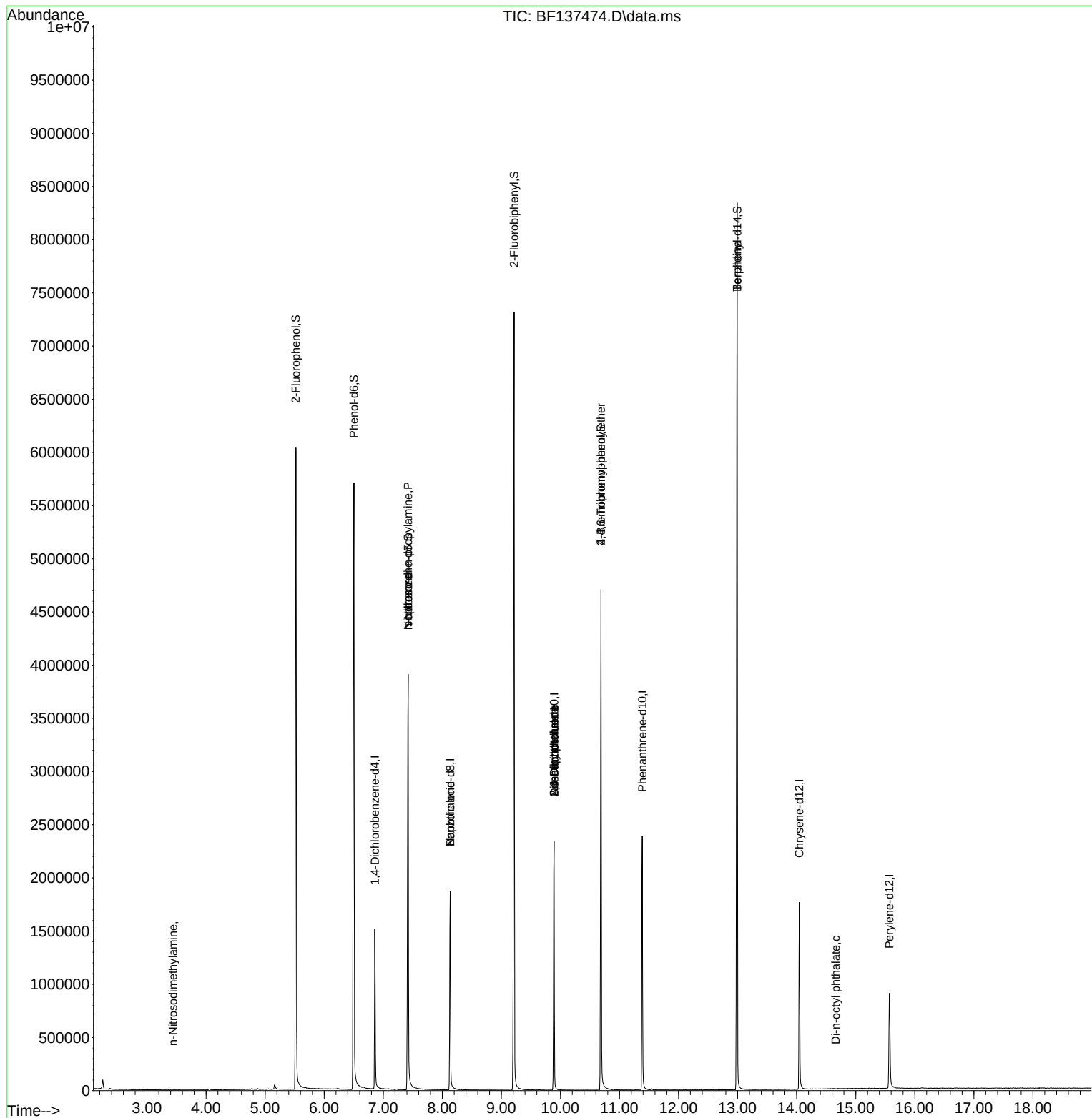
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	218624	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	872373	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	506064	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	902636	20.000	ng	0.00
76) Chrysene-d12	14.045	240	595118	20.000	ng	0.00
86) Perylene-d12	15.568	264	468389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1803506	124.940	ng	0.01
7) Phenol-d6	6.504	99	2462318	118.173	ng	0.00
23) Nitrobenzene-d5	7.422	82	1568426	83.537	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	581592	130.868	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2503162	77.428	ng	0.00
79) Terphenyl-d14	12.992	244	3114075	71.955	ng	0.00
Target Compounds					Qvalue	
4) n-Nitrosodimethylamine	3.440	42	404	3.857	ng	# 1
19) n-Nitroso-di-n-propyla...	7.422	70	207833	16.153	ng	# 79
25) Isophorone	7.422	82	1565370	43.885	ng	# 69
32) Benzoic acid	8.134	122	83	6.308	ng	# 1
50) Dimethylphthalate	9.892	163	83726	2.377	ng	# 1
51) 2,6-Dinitrotoluene	9.892	165	65567	8.899	ng	# 20
57) 2,4-Dinitrotoluene	9.892	165	65567	7.243	ng	# 21
67) 4-Bromophenyl-phenylether	10.686	248	40177	4.087	ng	# 1
77) Benzidine	12.992	184	35958	2.469	ng	# 93
85) Di-n-octyl phthalate	14.663	149	142	5.610	ng	# 6

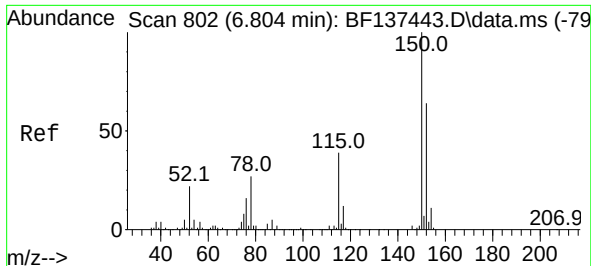
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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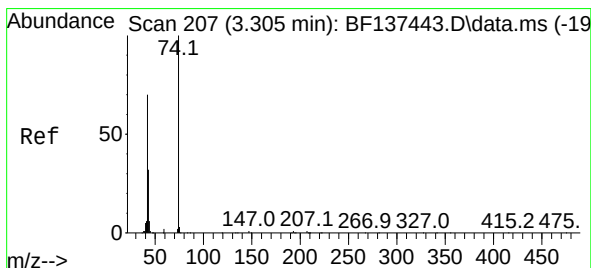
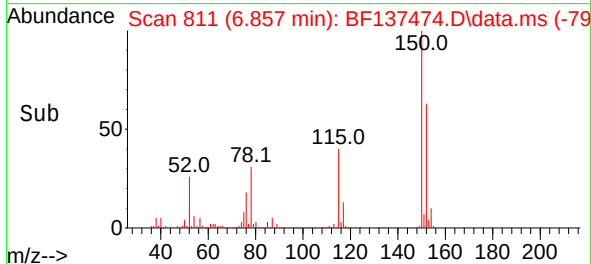
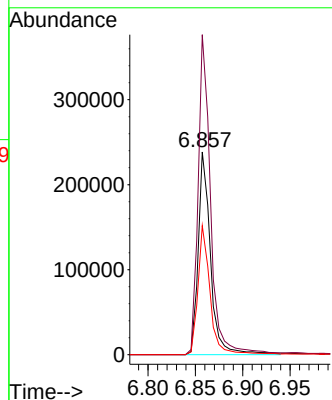
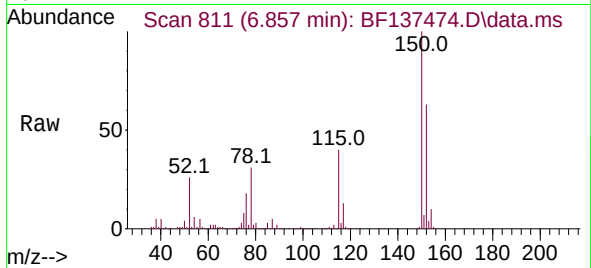




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137474.D
Acq: 02 Mar 2024 15:22

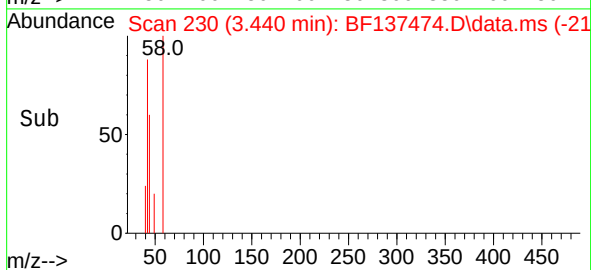
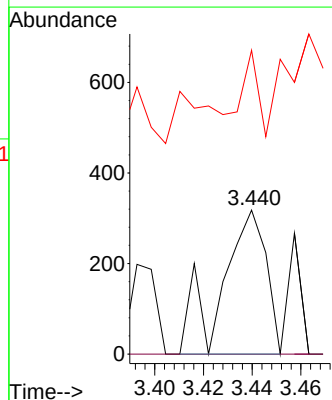
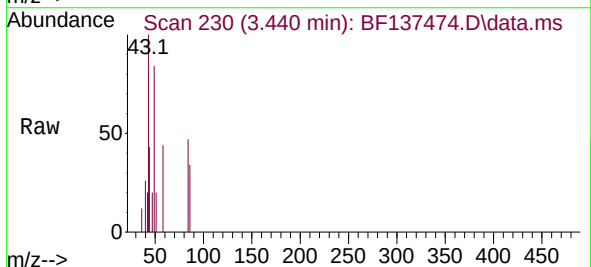
Instrument :
BNA_F
ClientSampleId :
PB159348TB

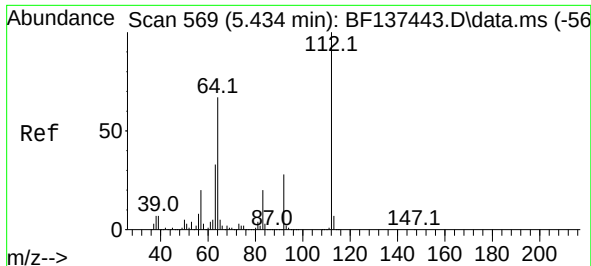
Tgt Ion:152 Resp: 218624
Ion Ratio Lower Upper
152 100
150 157.8 125.8 188.6
115 63.6 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.857 ng
RT: 3.440 min Scan# 230
Delta R.T. -0.006 min
Lab File: BF137474.D
Acq: 02 Mar 2024 15:22

Tgt Ion: 42 Resp: 404
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 211.0 7.0 10.4#

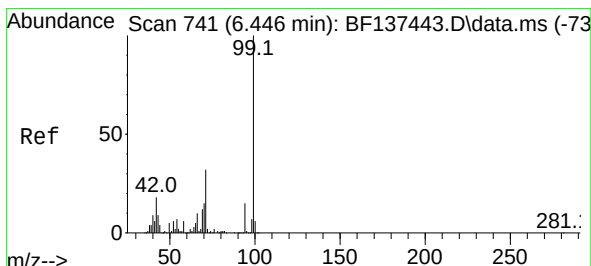
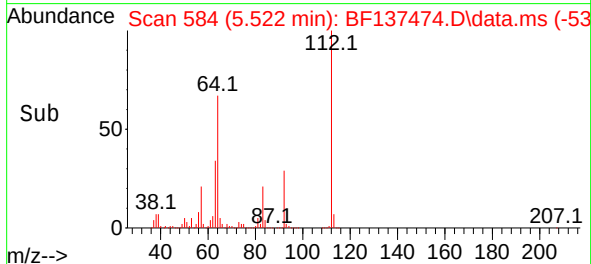
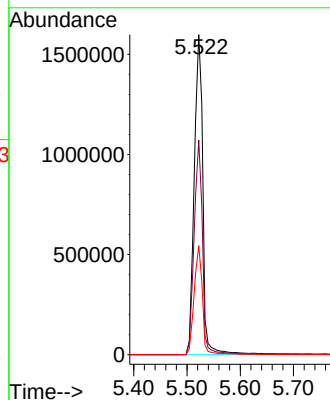
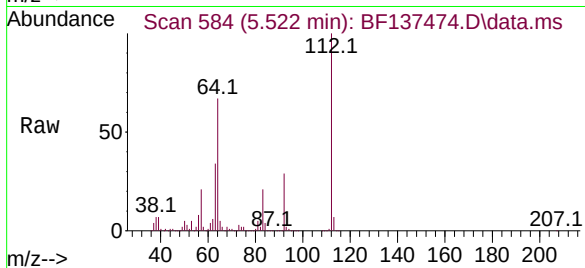




#5
2-Fluorophenol
Concen: 124.940 ng
RT: 5.522 min Scan# 506
Delta R.T. 0.012 min
Lab File: BF137474.D
Acq: 02 Mar 2024 15:22

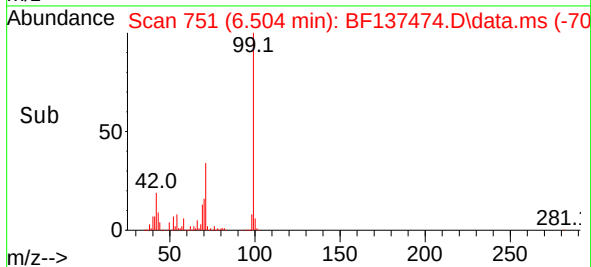
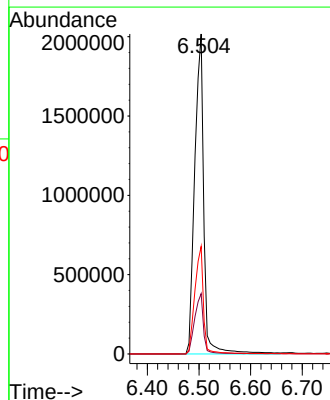
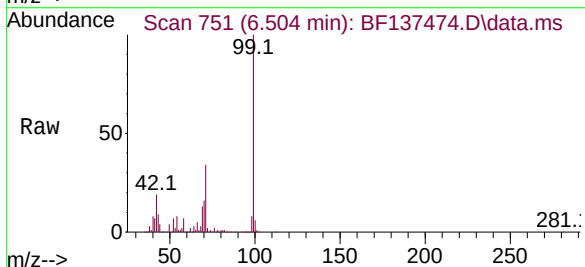
Instrument :
BNA_F
ClientSampleId :
PB159348TB

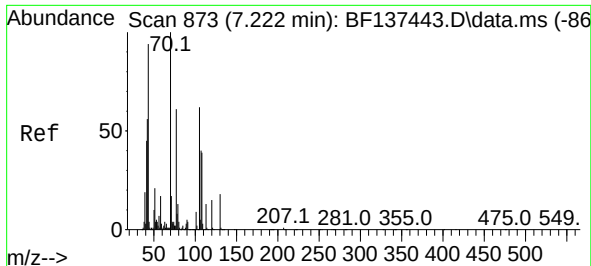
Tgt Ion:112 Resp: 1803506
Ion Ratio Lower Upper
112 100
64 67.1 53.4 80.2
63 34.0 26.2 39.2



#7
Phenol-d6
Concen: 118.173 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF137474.D
Acq: 02 Mar 2024 15:22

Tgt Ion: 99 Resp: 2462318
Ion Ratio Lower Upper
99 100
42 18.9 14.6 21.8
71 33.6 25.3 37.9

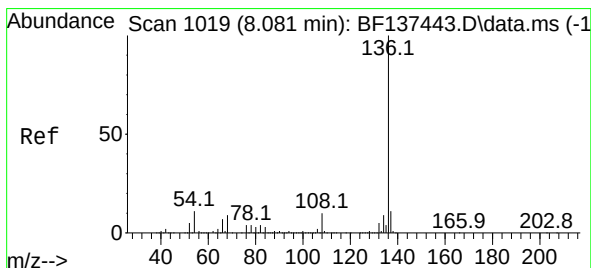
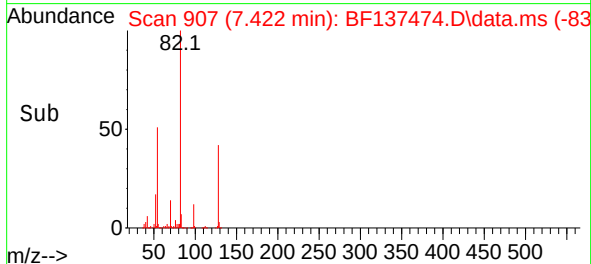
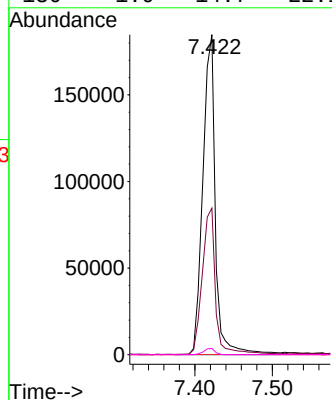
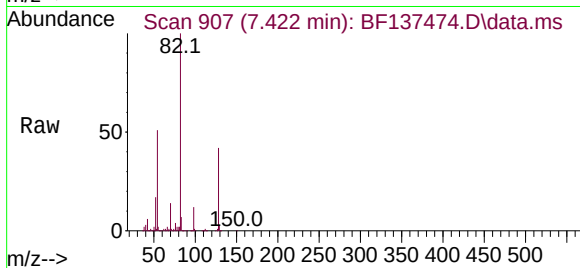




#19
n-Nitroso-di-n-propylamine
Concen: 16.153 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF137474.D
Acq: 02 Mar 2024 15:22

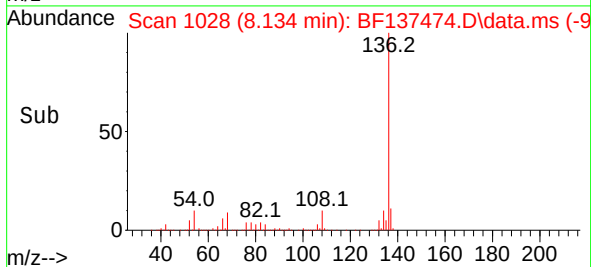
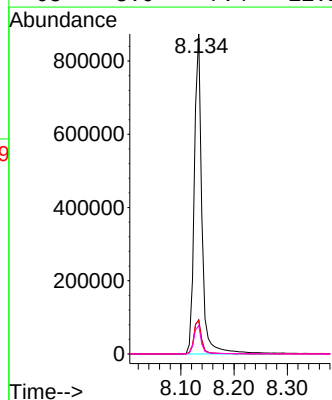
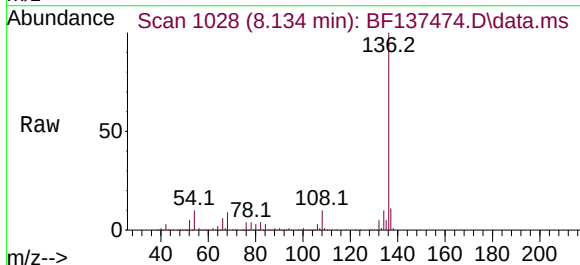
Instrument :
BNA_F
ClientSampleId :
PB159348TB

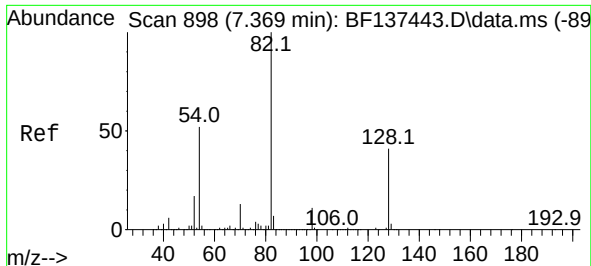
Tgt Ion: 70 Resp: 207833
Ion Ratio Lower Upper
70 100
42 45.8 45.2 67.8
101 0.0 7.3 10.9#
130 1.9 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF137474.D
Acq: 02 Mar 2024 15:22

Tgt Ion:136 Resp: 872373
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 10.4 8.5 12.7
68 8.9 7.4 11.2





#23

Nitrobenzene-d5

Concen: 83.537 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF137474.D

Acq: 02 Mar 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB159348TB

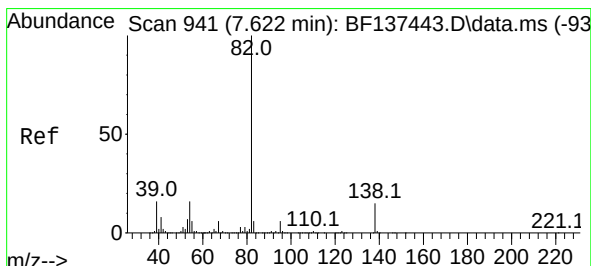
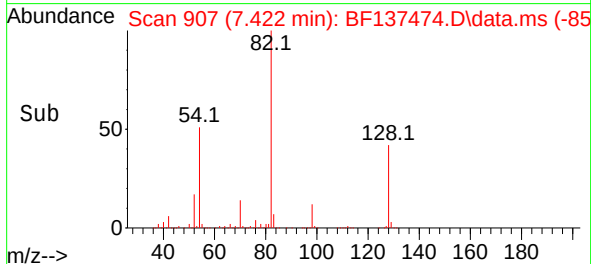
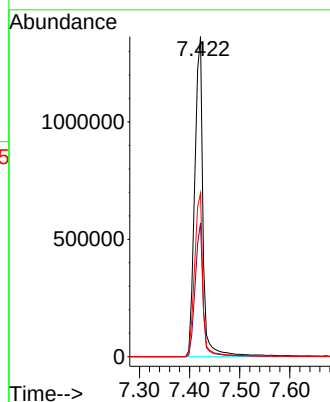
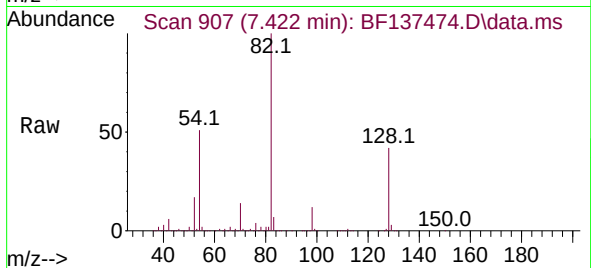
Tgt Ion: 82 Resp: 1568426

Ion Ratio Lower Upper

82 100

128 41.8 32.5 48.7

54 51.0 41.5 62.3



#25

Isophorone

Concen: 43.885 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.259 min

Lab File: BF137474.D

Acq: 02 Mar 2024 15:22

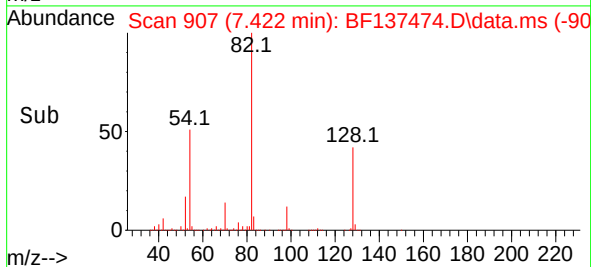
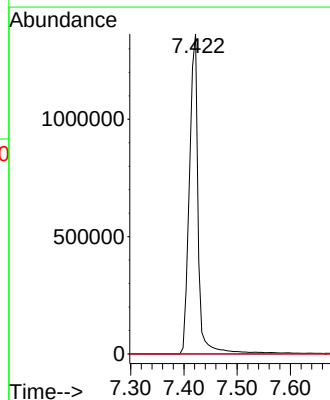
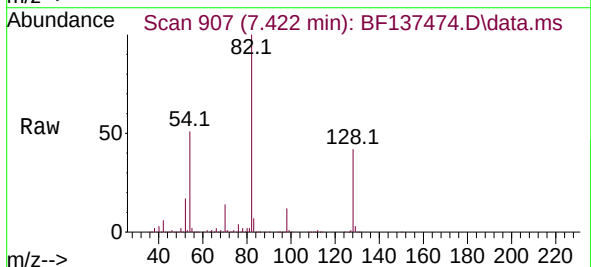
Tgt Ion: 82 Resp: 1565370

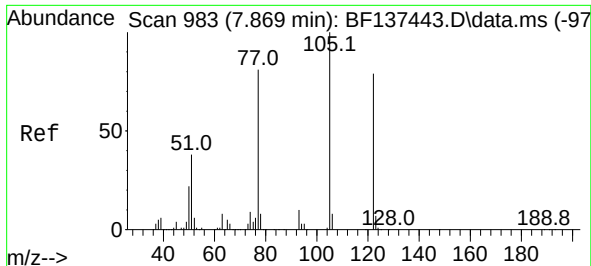
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

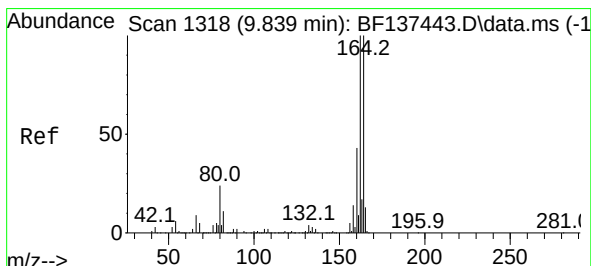
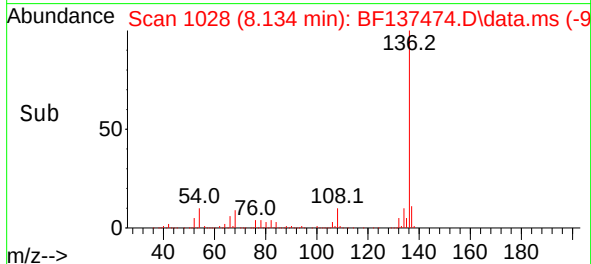
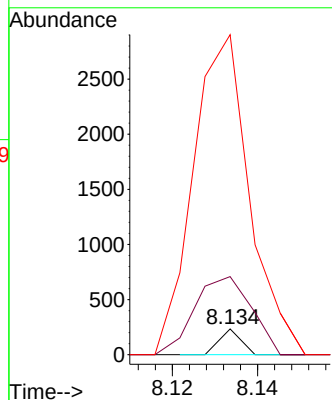
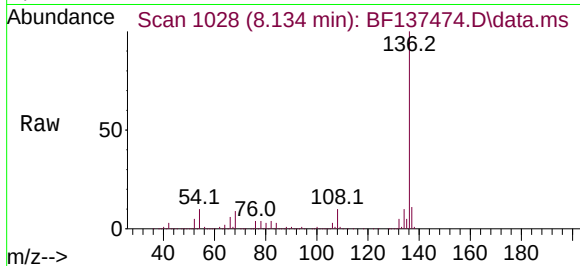




#32
Benzoic acid
Concen: 6.308 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.206 min
Lab File: BF137474.D
Acq: 02 Mar 2024 15:22

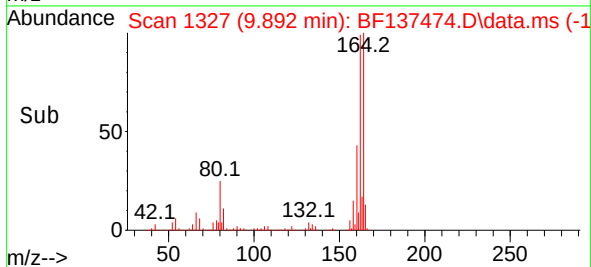
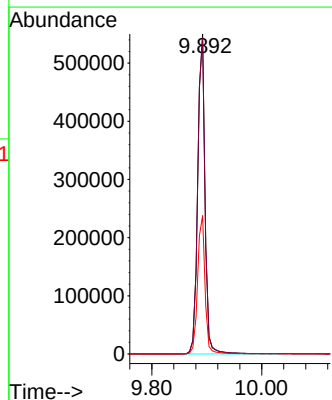
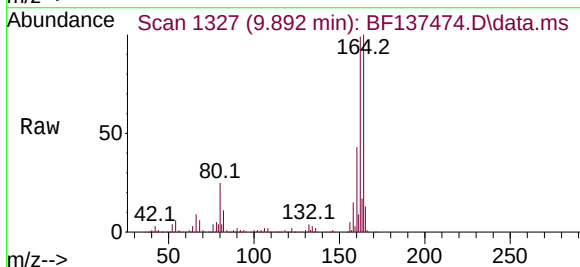
Instrument :
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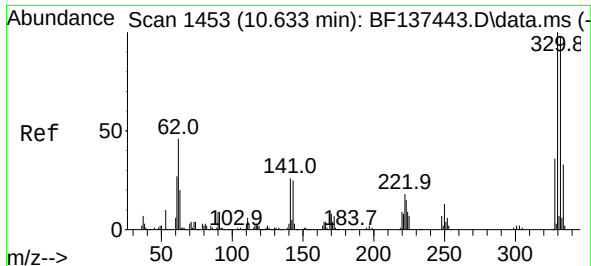
Tgt Ion:122 Resp: 83
Ion Ratio Lower Upper
122 100
105 303.0 102.4 142.4#
77 1240.6 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF137474.D
Acq: 02 Mar 2024 15:22

Tgt Ion:164 Resp: 506064
Ion Ratio Lower Upper
164 100
162 98.9 79.8 119.8
160 43.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 130.868 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF137474.D

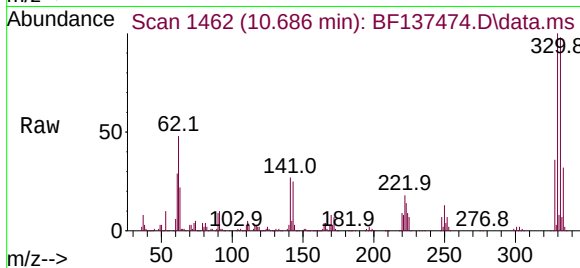
Acq: 02 Mar 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB159348TB



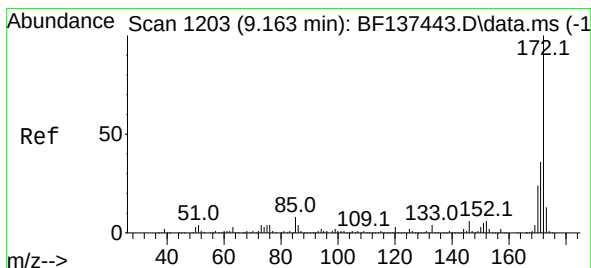
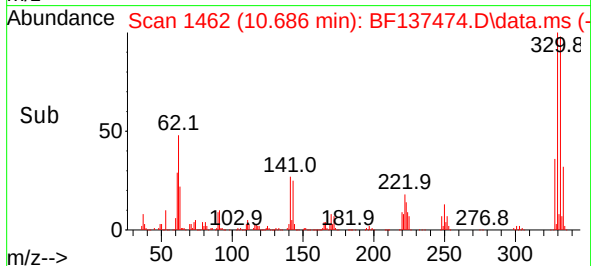
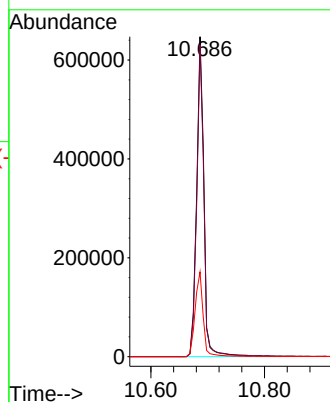
Tgt Ion:330 Resp: 581592

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

141 29.4 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 77.428 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF137474.D

Acq: 02 Mar 2024 15:22

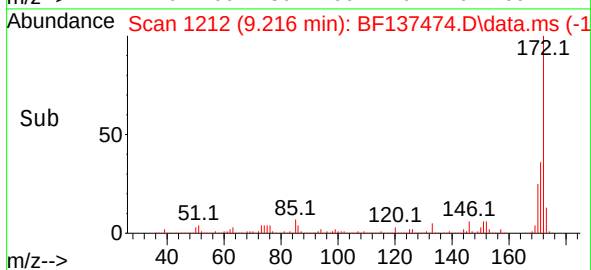
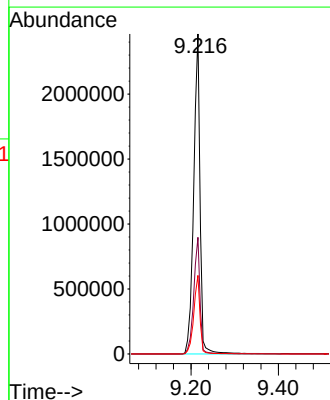
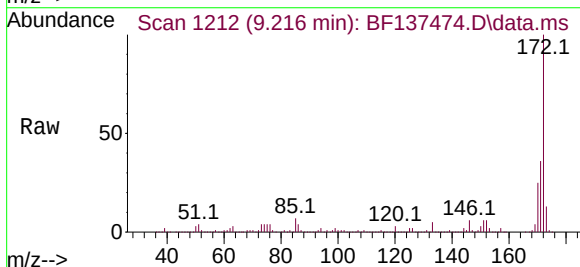
Tgt Ion:172 Resp: 2503162

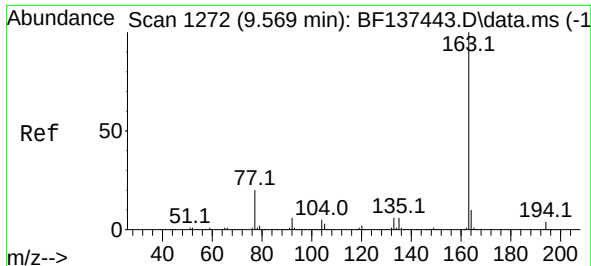
Ion Ratio Lower Upper

172 100

171 36.5 28.5 42.7

170 24.6 19.0 28.6





#50

Dimethylphthalate

Concen: 2.377 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.265 min

Lab File: BF137474.D

Acq: 02 Mar 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB159348TB

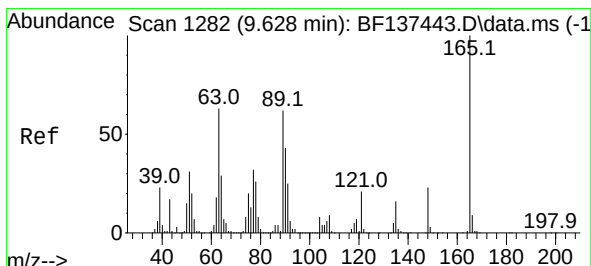
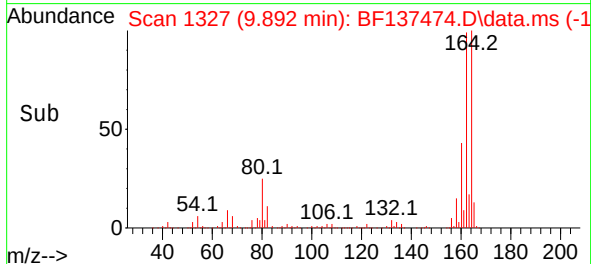
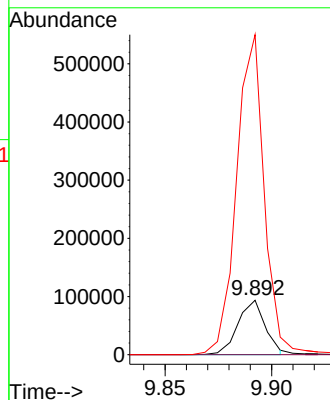
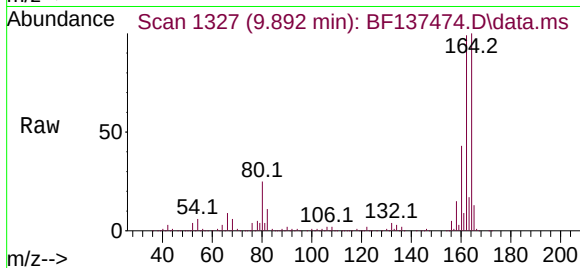
Tgt Ion:163 Resp: 83726

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 588.0 8.1 12.1#



#51

2,6-Dinitrotoluene

Concen: 8.899 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.206 min

Lab File: BF137474.D

Acq: 02 Mar 2024 15:22

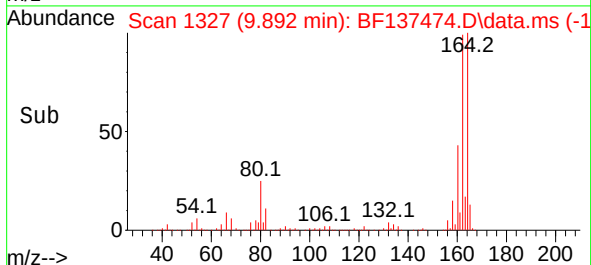
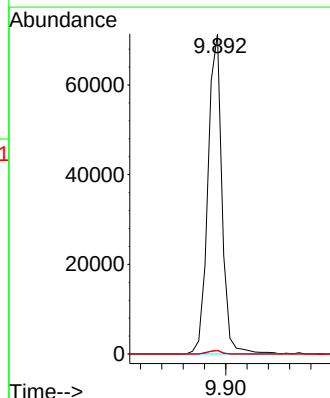
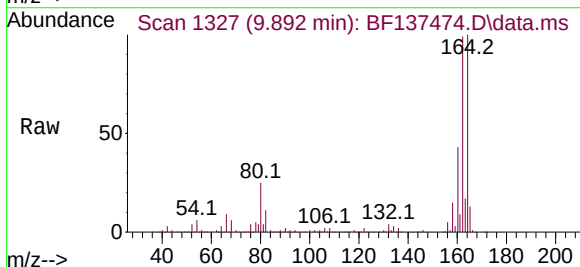
Tgt Ion:165 Resp: 65567

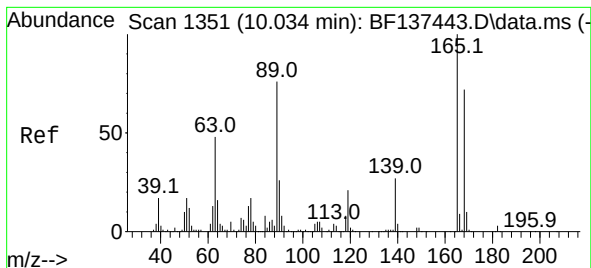
Ion Ratio Lower Upper

165 100

63 1.1 50.7 76.1#

89 1.1 50.0 75.0#

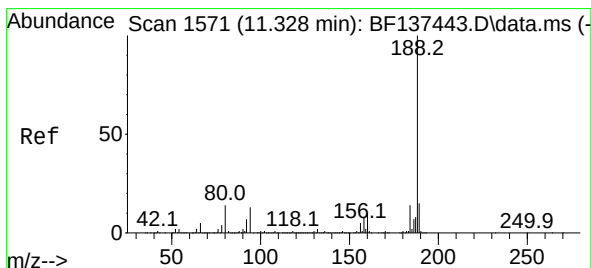
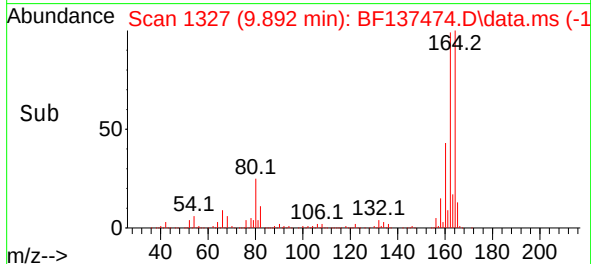
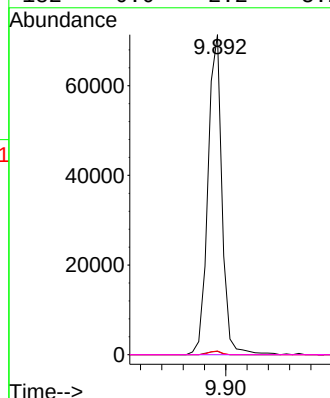
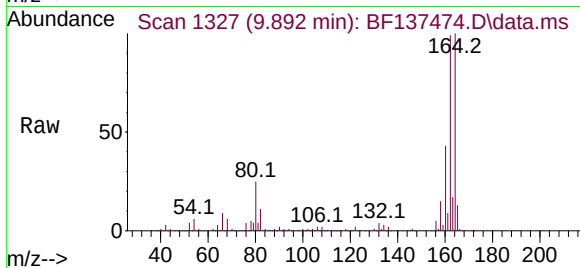




#57
2,4-Dinitrotoluene
Concen: 7.243 ng
RT: 9.892 min Scan# 14
Delta R.T. -0.200 min
Lab File: BF137474.D
Acq: 02 Mar 2024 15:22

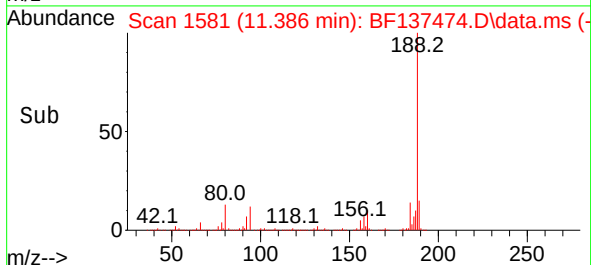
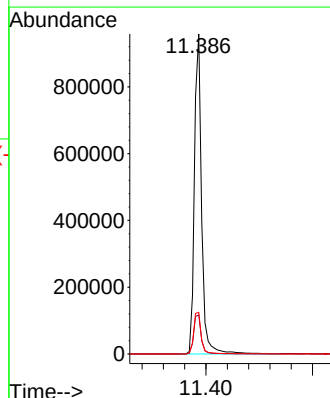
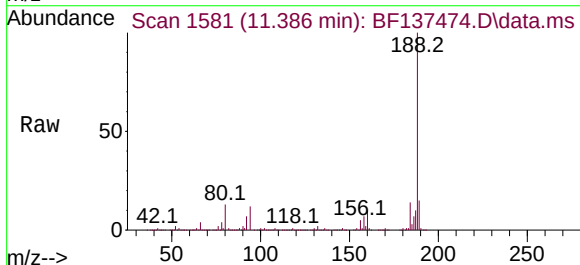
Instrument :
BNA_F
ClientSampleId :
PB159348TB

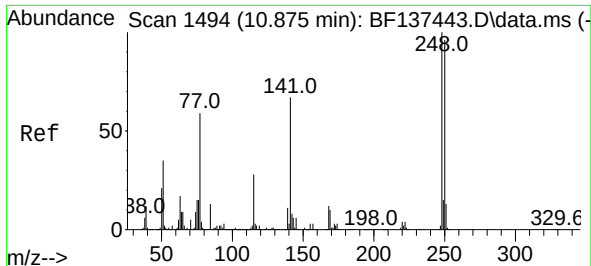
Tgt Ion:165 Resp: 65567
Ion Ratio Lower Upper
165 100
63 1.1 39.0 58.6#
89 1.1 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF137474.D
Acq: 02 Mar 2024 15:22

Tgt Ion:188 Resp: 902636
Ion Ratio Lower Upper
188 100
94 12.2 10.6 15.8
80 13.0 11.5 17.3

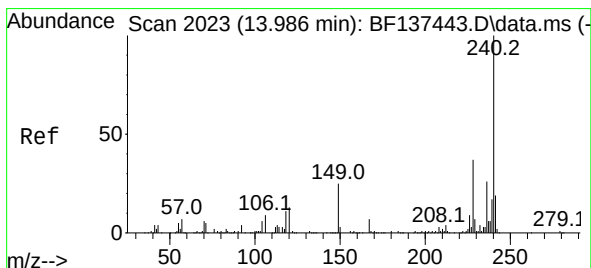
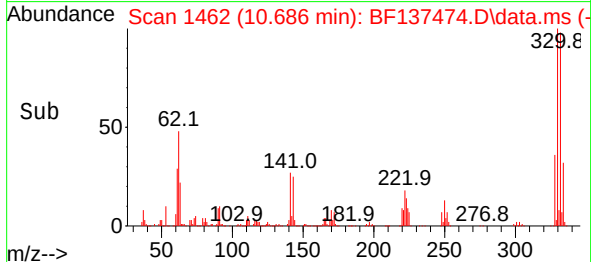
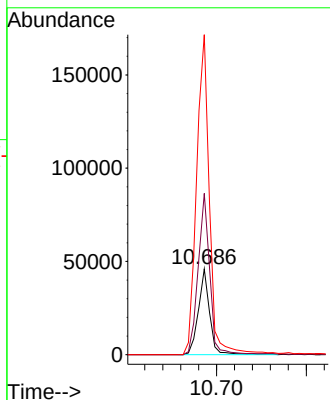
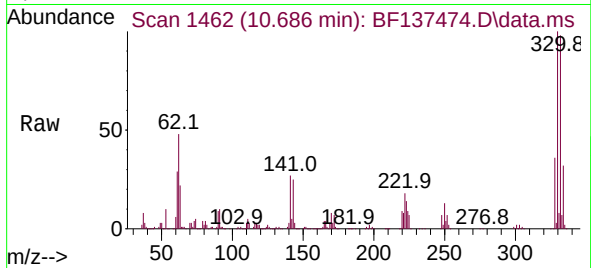




#67
4-Bromophenyl-phenylether
Concen: 4.087 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF137474.D
Acq: 02 Mar 2024 15:22

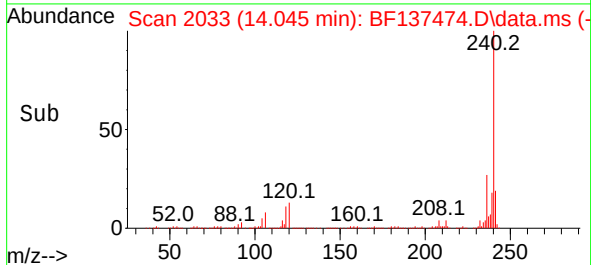
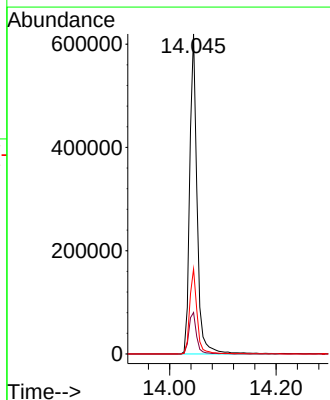
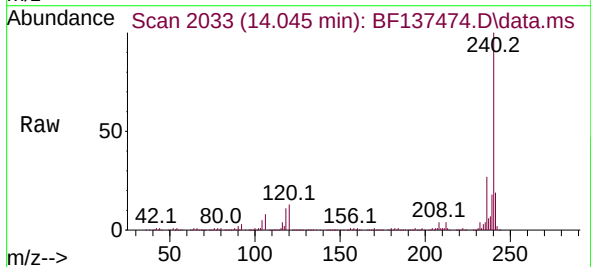
Instrument :
BNA_F
ClientSampleId :
PB159348TB

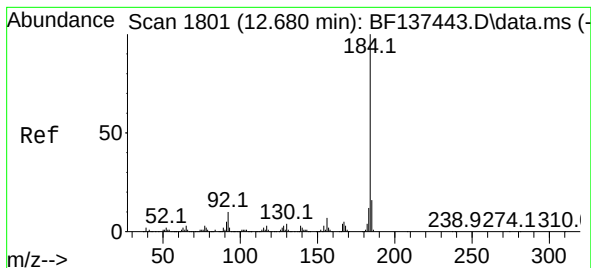
Tgt Ion:248 Resp: 40177
Ion Ratio Lower Upper
248 100
250 188.0 76.8 115.2#
141 373.3 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF137474.D
Acq: 02 Mar 2024 15:22

Tgt Ion:240 Resp: 595118
Ion Ratio Lower Upper
240 100
120 13.0 10.4 15.6
236 26.5 20.9 31.3





#77

Benzidine

Concen: 2.469 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF137474.D

Acq: 02 Mar 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB159348TB

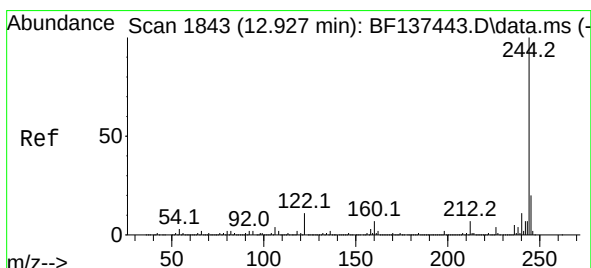
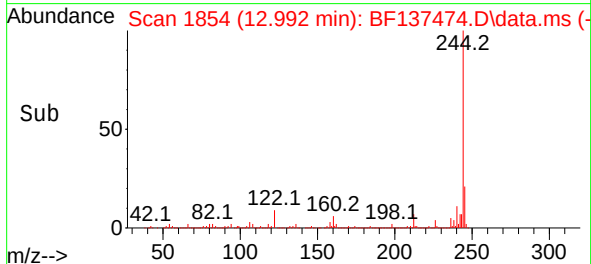
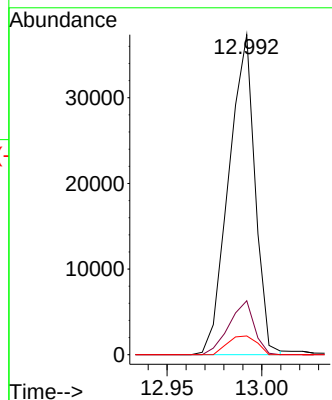
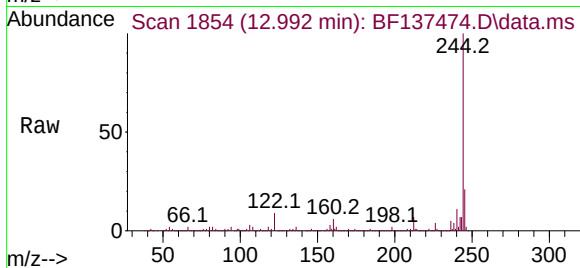
Tgt Ion:184 Resp: 35958

Ion Ratio Lower Upper

184 100

185 16.8 13.2 19.8

183 5.8 9.3 13.9#



#79

Terphenyl-d14

Concen: 71.955 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF137474.D

Acq: 02 Mar 2024 15:22

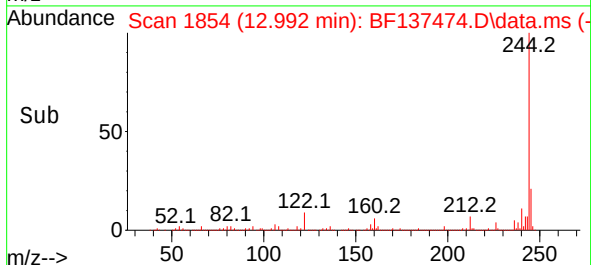
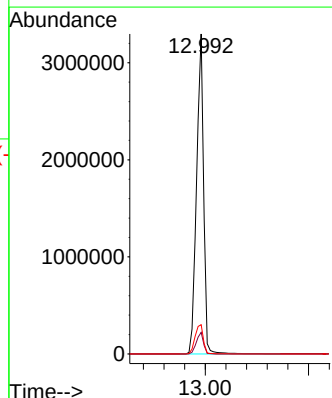
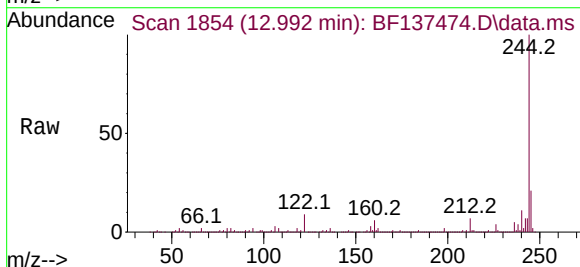
Tgt Ion:244 Resp: 3114075

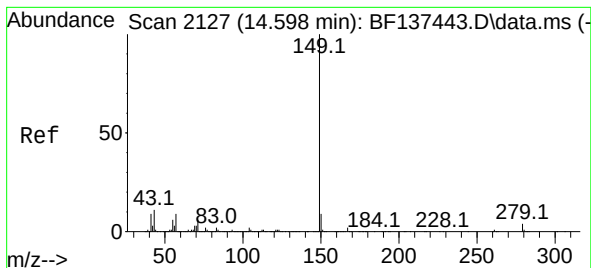
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 9.2 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.610 ng

RT: 14.663 min Scan# 2127

Delta R.T. 0.000 min

Lab File: BF137474.D

Acq: 02 Mar 2024 15:22

Instrument :

BNA_F

ClientSampleId :

PB159348TB

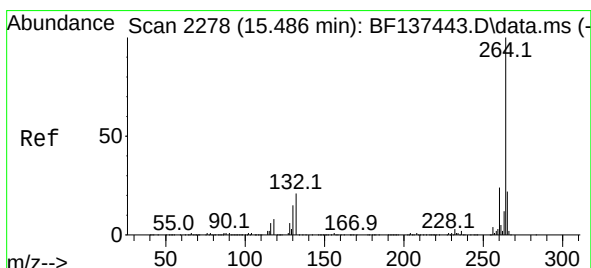
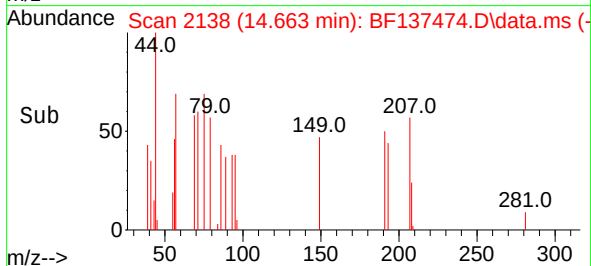
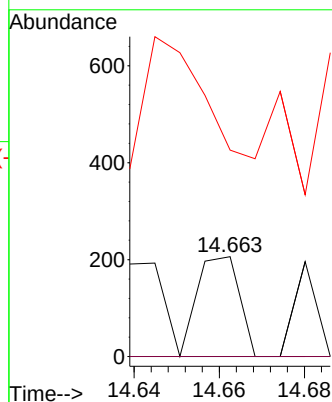
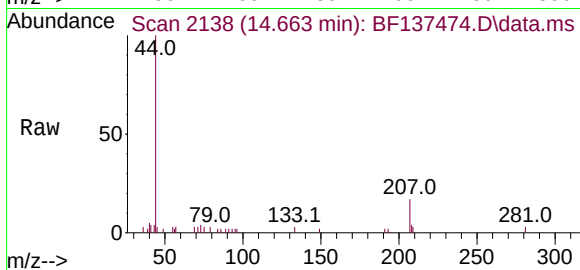
Tgt Ion:149 Resp: 142

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 52.8 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: BF137474.D

Acq: 02 Mar 2024 15:22

Tgt Ion:264 Resp: 468389

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 20.9 17.4 26.0

