

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
 Data File : BF137496.D
 Acq On : 05 Mar 2024 12:53
 Operator : CG\JU
 Sample : PB159421BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159421BL

Quant Time: Mar 05 13:38:44 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)

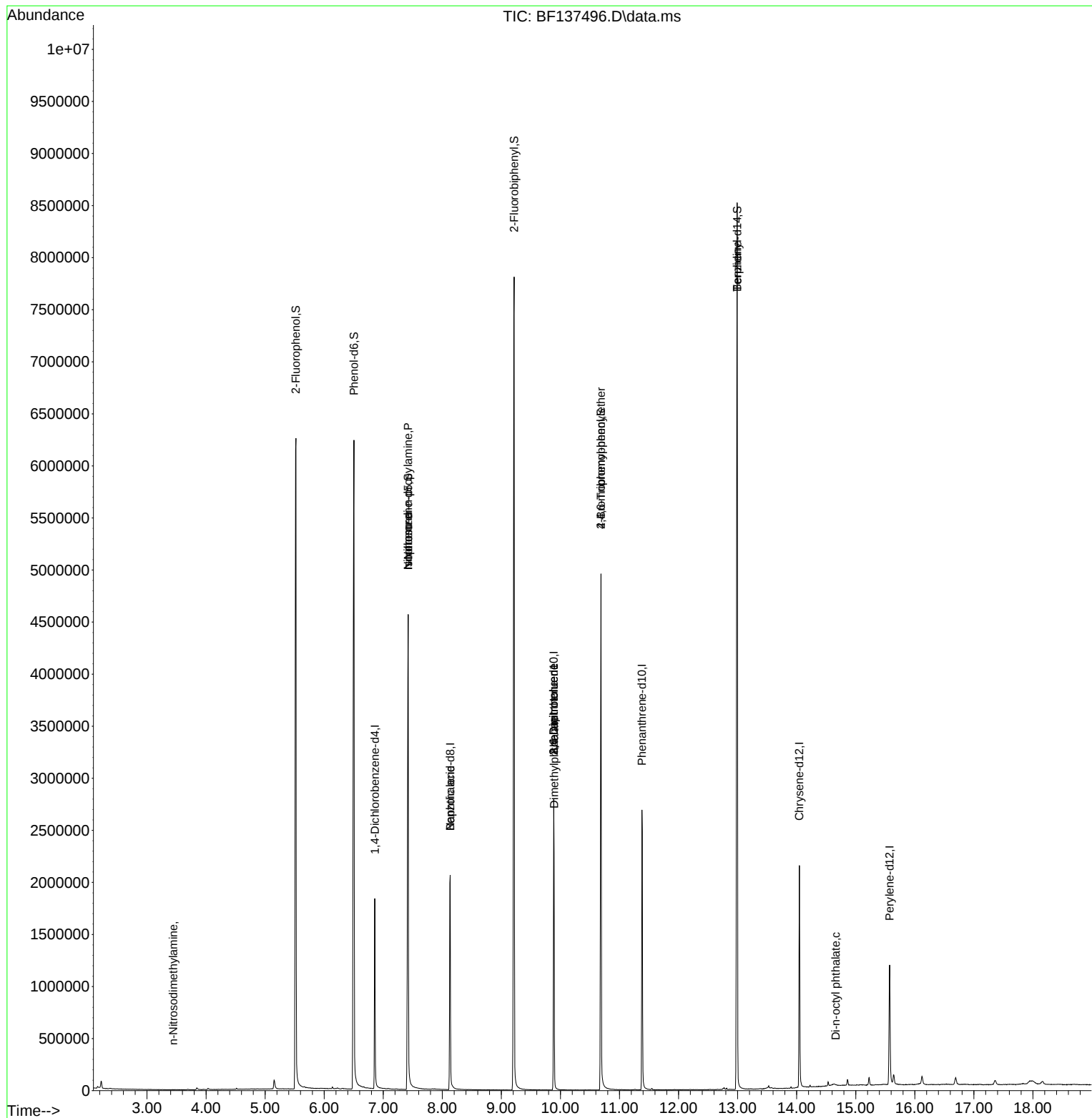
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	250625	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	1028973	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	568979	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	1042186	20.000	ng	0.00
76) Chrysene-d12	14.045	240	724025	20.000	ng	0.00
86) Perylene-d12	15.574	264	559440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2014744	121.752	ng	0.01
7) Phenol-d6	6.504	99	2765244	115.766	ng	0.00
23) Nitrobenzene-d5	7.422	82	1828238	82.556	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	623330	124.750	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2827104	77.779	ng	0.00
79) Terphenyl-d14	12.992	244	3590062	68.184	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.446	42	380	3.848	ng	# 1
19) n-Nitroso-di-n-propyla...	7.422	70	247077	16.751	ng	# 81
25) Isophorone	7.422	82	1815313	43.147	ng	# 69
32) Benzoic acid	8.133	122	155	6.313	ng	# 1
50) Dimethylphthalate	9.892	163	113543	2.867	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	72341	8.732	ng	# 20
57) 2,4-Dinitrotoluene	9.886	165	72468	7.120	ng	# 21
67) 4-Bromophenyl-phenylether	10.686	248	41701	3.674	ng	# 1
77) Benzidine	12.992	184	42611	2.405	ng	# 93
85) Di-n-octyl phthalate	14.662	149	131	5.609	ng	# 1

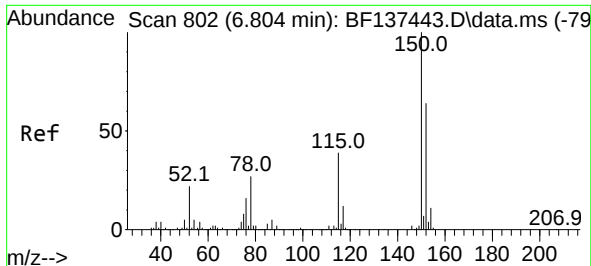
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
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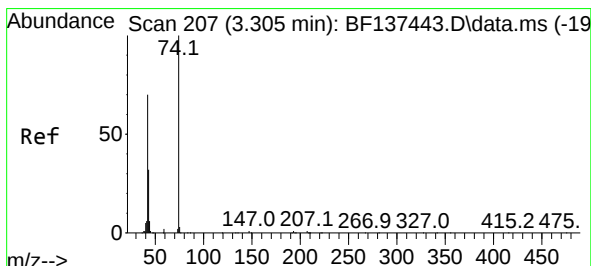
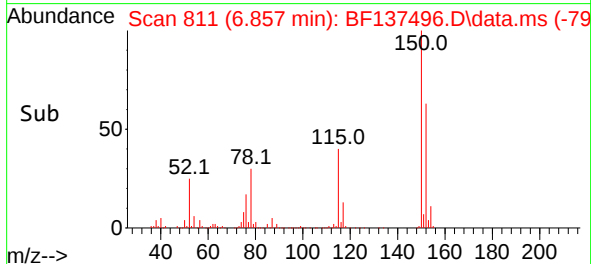
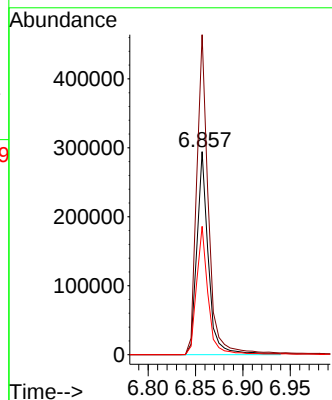
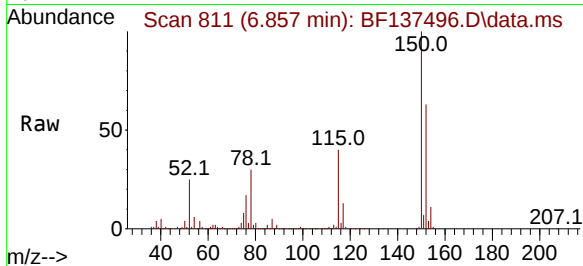




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

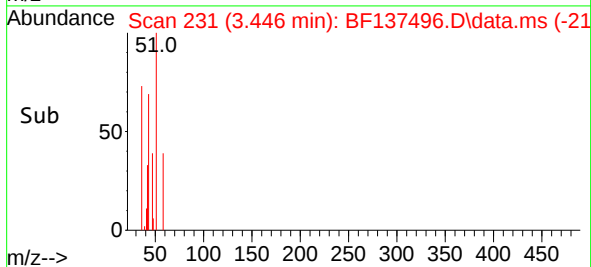
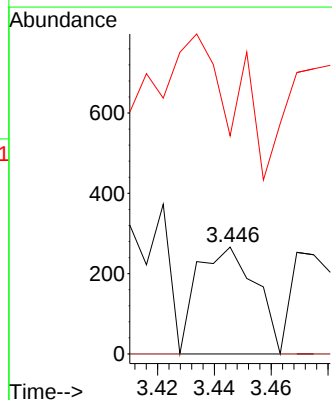
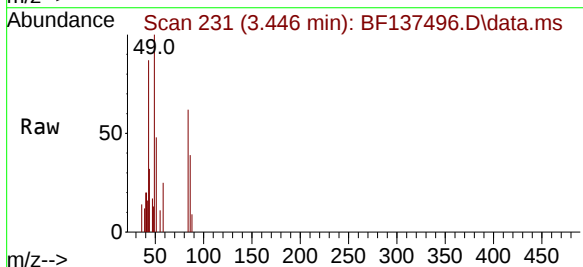
Instrument :
BNA_F
ClientSampleId :
PB159421BL

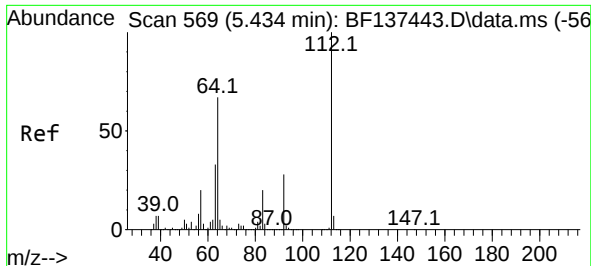
Tgt Ion:152 Resp: 250625
Ion Ratio Lower Upper
152 100
150 157.6 125.8 188.6
115 63.2 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.848 ng
RT: 3.446 min Scan# 231
Delta R.T. -0.000 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

Tgt Ion: 42 Resp: 380
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 204.1 7.0 10.4#

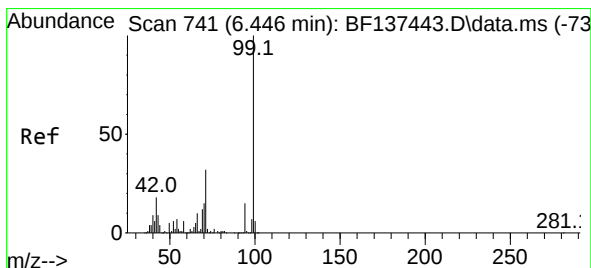
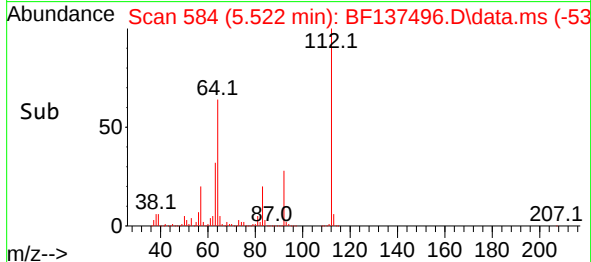
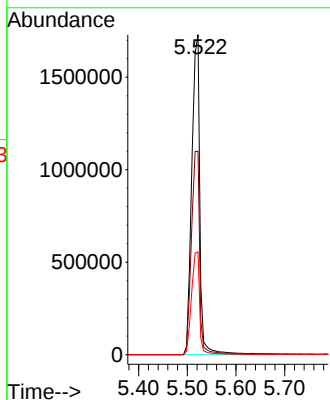
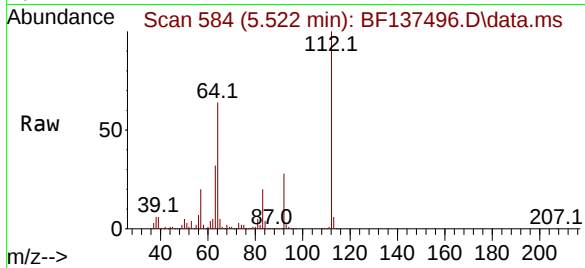




#5
2-Fluorophenol
Concen: 121.752 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

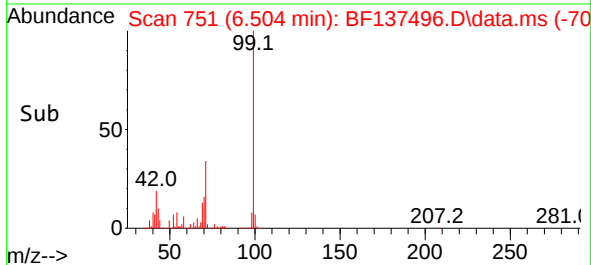
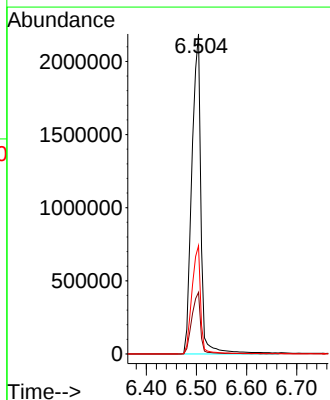
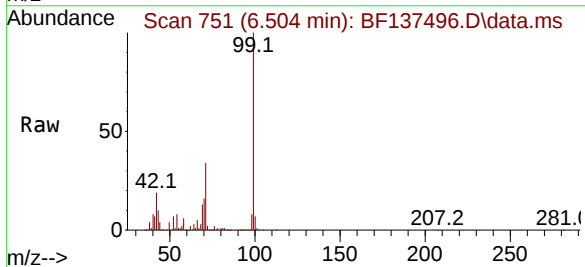
Instrument :
BNA_F
ClientSampleId :
PB159421BL

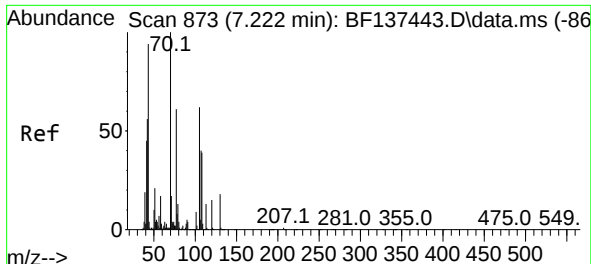
Tgt Ion:112 Resp: 2014744
Ion Ratio Lower Upper
112 100
64 63.6 53.4 80.2
63 32.1 26.2 39.2



#7
Phenol-d6
Concen: 115.766 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

Tgt Ion: 99 Resp: 2765244
Ion Ratio Lower Upper
99 100
42 19.3 14.6 21.8
71 33.8 25.3 37.9



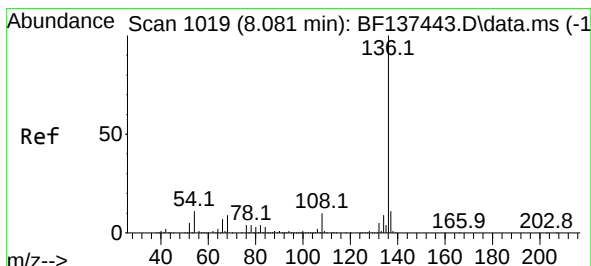
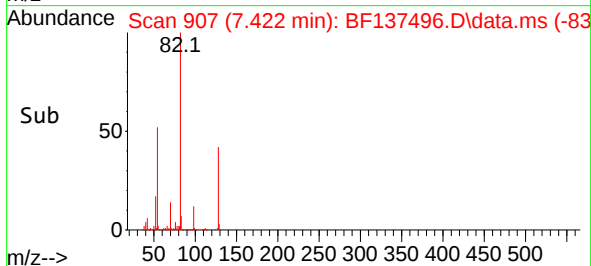
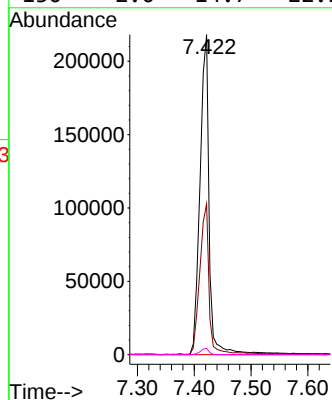
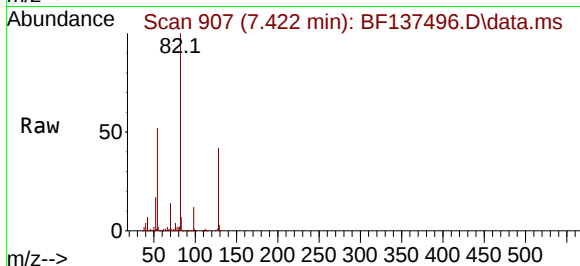


#19
n-Nitroso-di-n-propylamine
Concen: 16.751 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB159421BL

Tgt Ion: 70 Resp: 247077

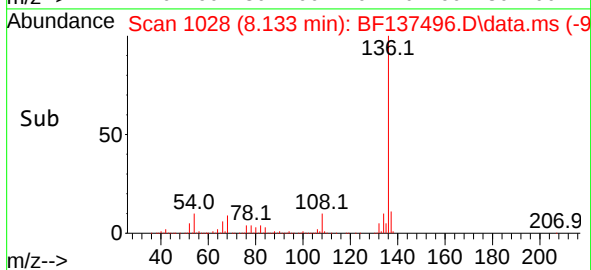
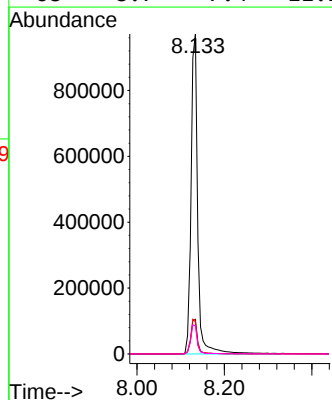
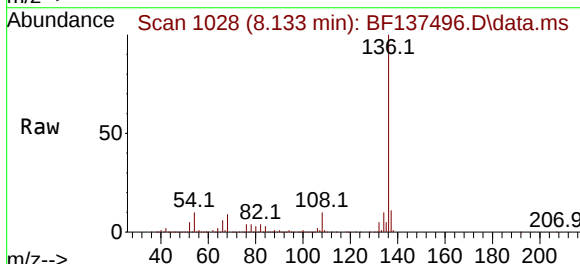
Ion	Ratio	Lower	Upper
70	100		
42	47.1	45.2	67.8
101	0.1	7.3	10.9#
130	2.0	14.7	22.1#

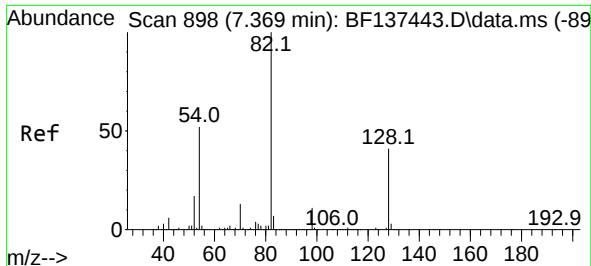


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

Tgt Ion: 136 Resp: 1028973

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.0	8.5	12.7
68	8.7	7.4	11.2

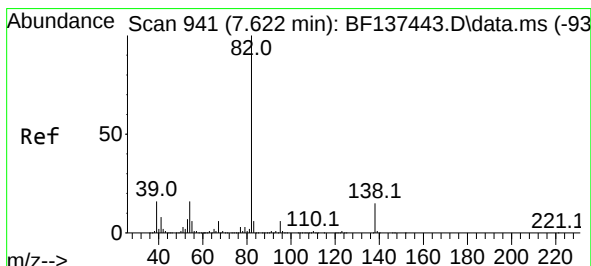
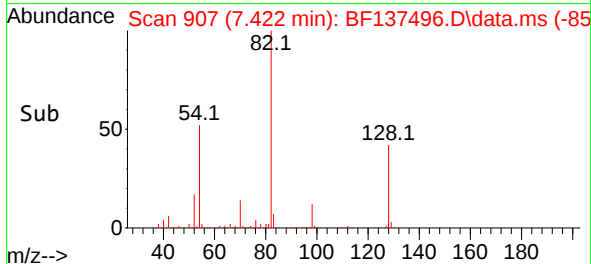
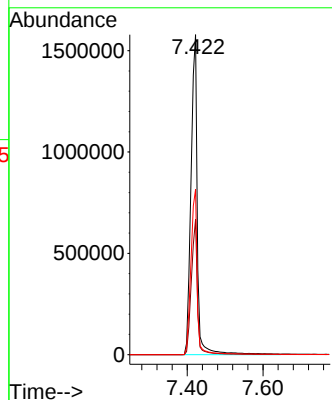
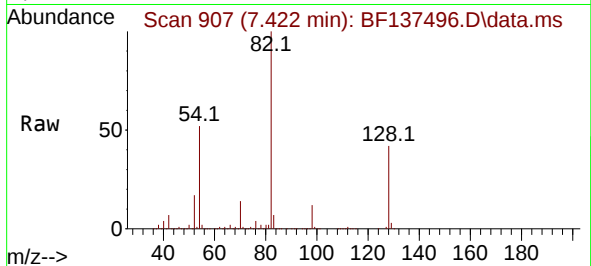




#23
Nitrobenzene-d5
Concen: 82.556 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

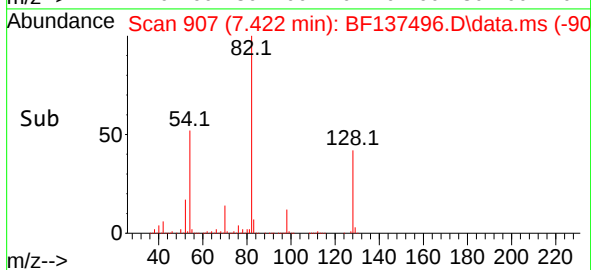
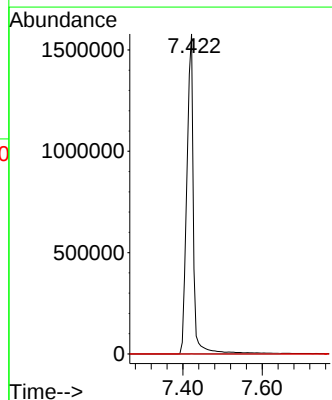
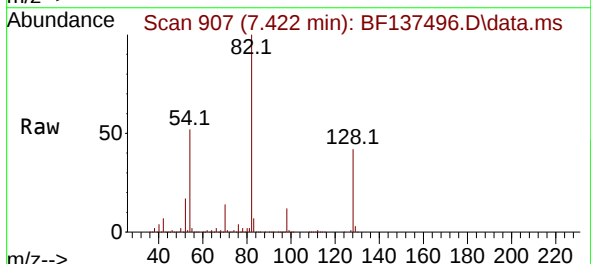
Instrument :
BNA_F
ClientSampleId :
PB159421BL

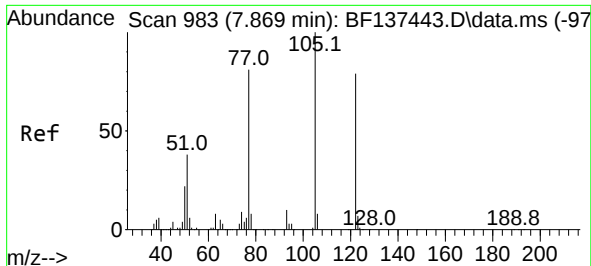
Tgt Ion: 82 Resp: 1828238
Ion Ratio Lower Upper
82 100
128 42.2 32.5 48.7
54 51.7 41.5 62.3



#25
Isophorone
Concen: 43.147 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.259 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

Tgt Ion: 82 Resp: 1815313
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#

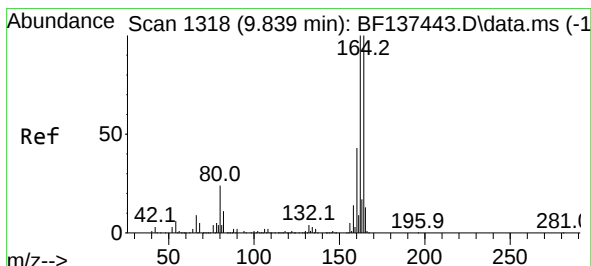
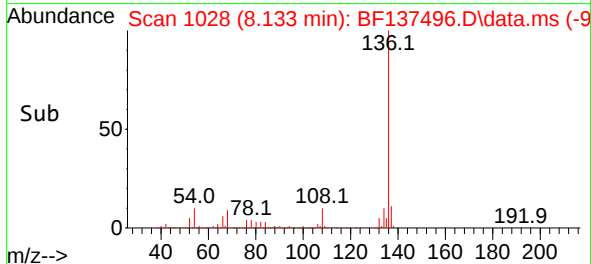
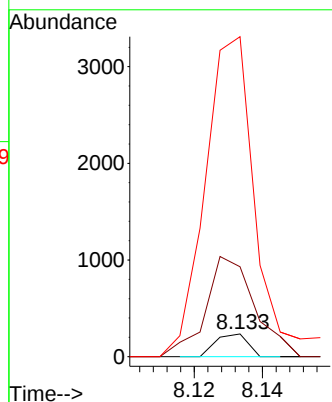
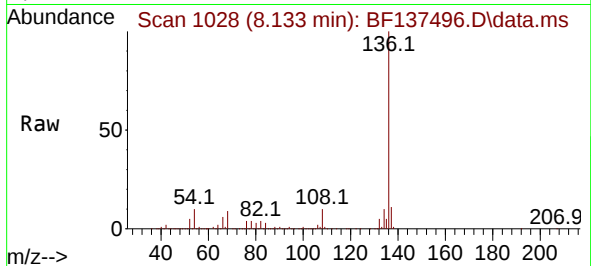




#32
Benzoic acid
Concen: 6.313 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.206 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

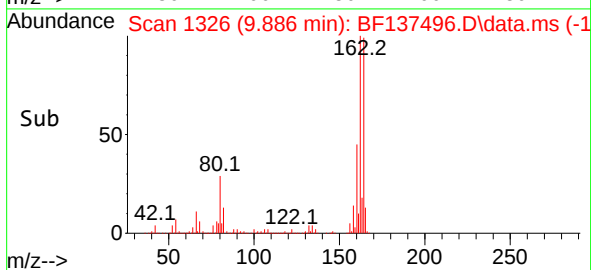
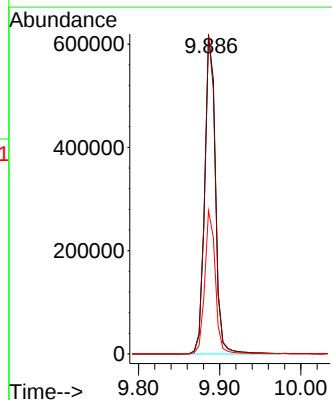
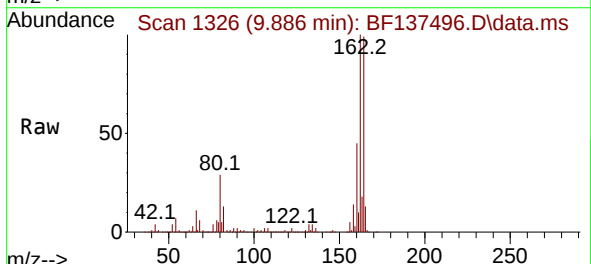
Instrument :
BNA_F
ClientSampleId :
PB159421BL

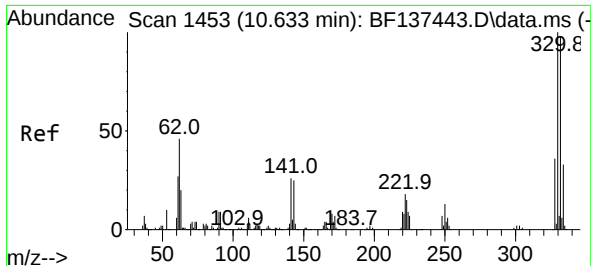
Tgt Ion:122 Resp: 155
Ion Ratio Lower Upper
122 100
105 396.2 102.4 142.4#
77 1408.5 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

Tgt Ion:164 Resp: 568979
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 45.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 124.750 ng

RT: 10.686 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137496.D

Acq: 05 Mar 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB159421BL

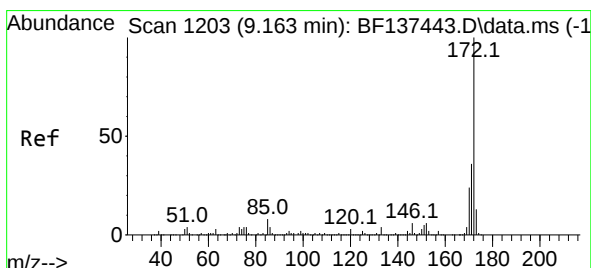
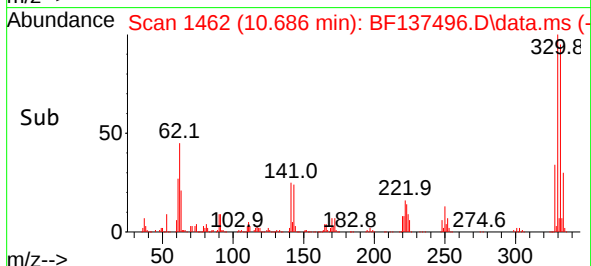
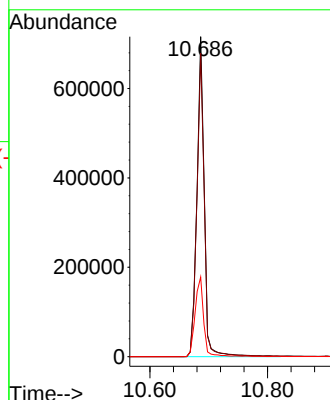
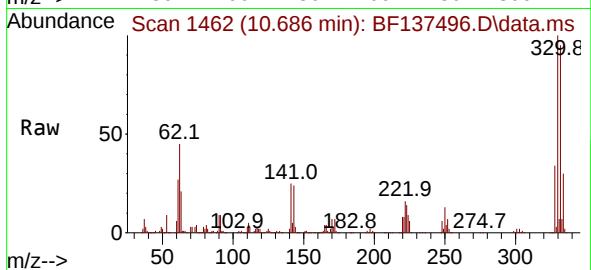
Tgt Ion:330 Resp: 623330

Ion Ratio Lower Upper

330 100

332 96.5 78.0 117.0

141 29.4 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 77.779 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF137496.D

Acq: 05 Mar 2024 12:53

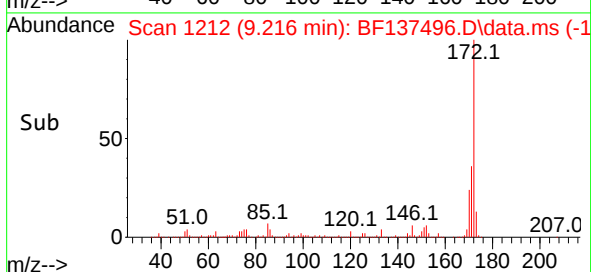
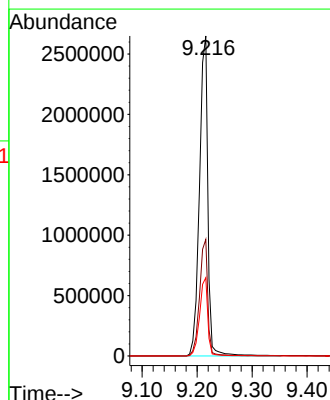
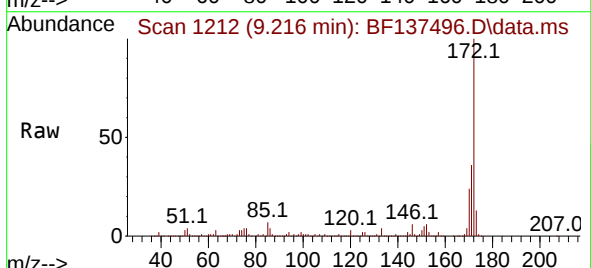
Tgt Ion:172 Resp: 2827104

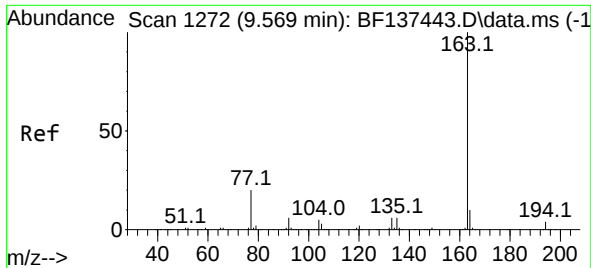
Ion Ratio Lower Upper

172 100

171 36.4 28.5 42.7

170 24.5 19.0 28.6

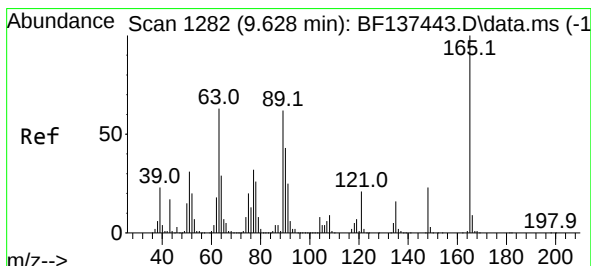
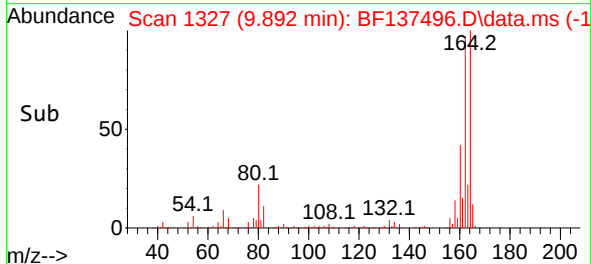
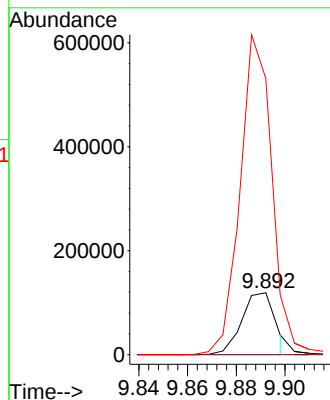
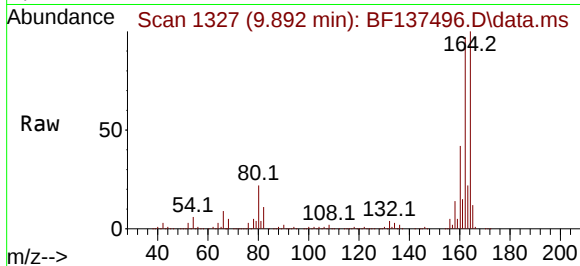




#50
Dimethylphthalate
Concen: 2.867 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

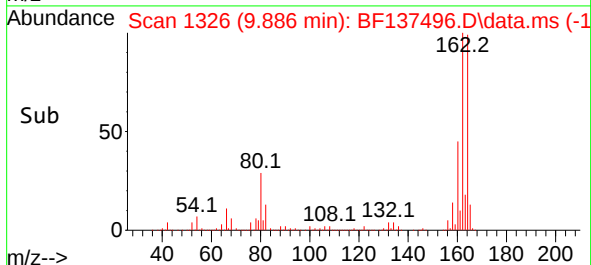
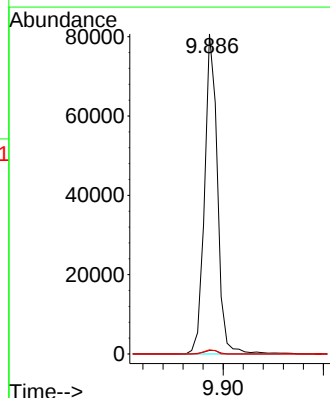
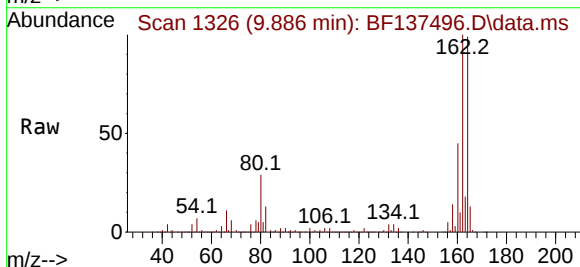
Instrument :
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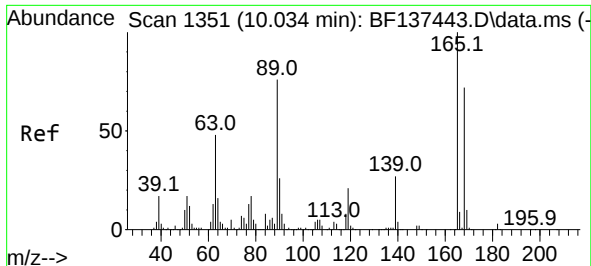
Tgt Ion:163 Resp: 113543
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 445.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.732 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.200 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

Tgt Ion:165 Resp: 72341
Ion Ratio Lower Upper
165 100
63 1.1 50.7 76.1#
89 1.3 50.0 75.0#

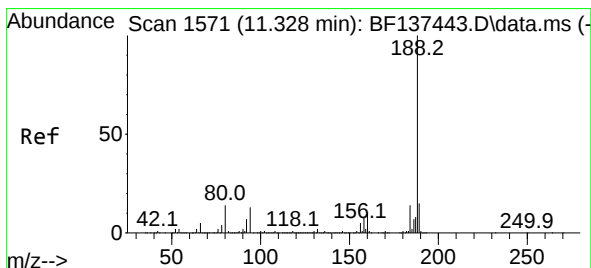
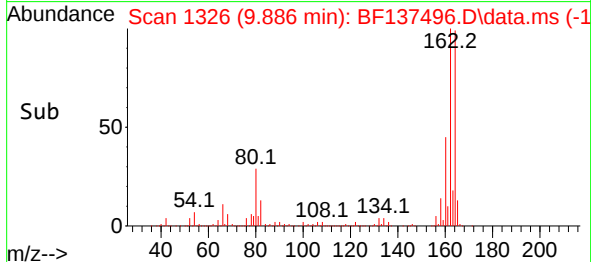
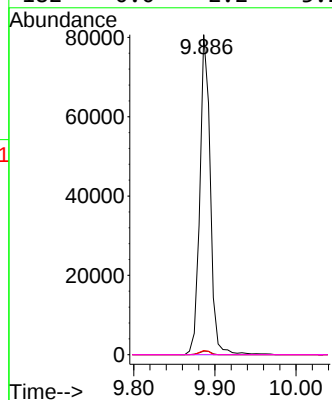
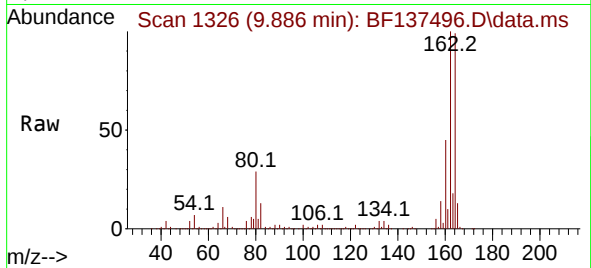




#57
2,4-Dinitrotoluene
Concen: 7.120 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

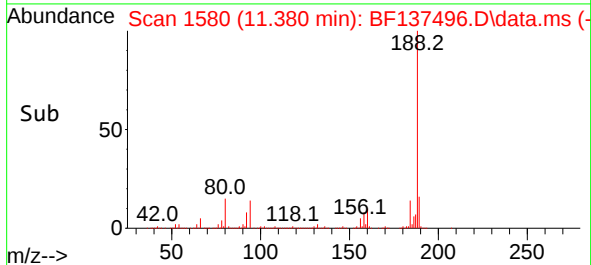
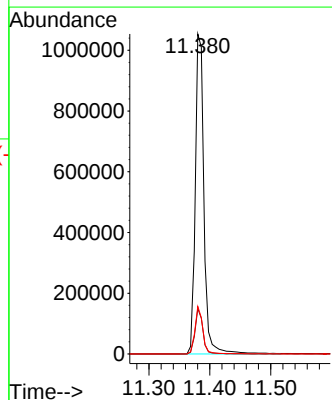
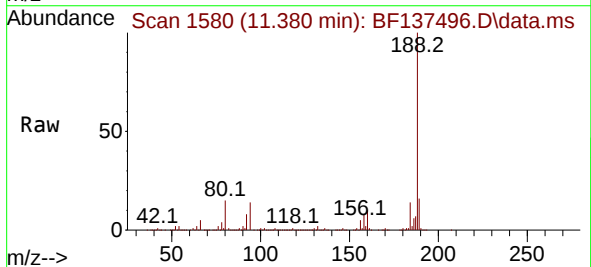
Instrument :
BNA_F
ClientSampleId :
PB159421BL

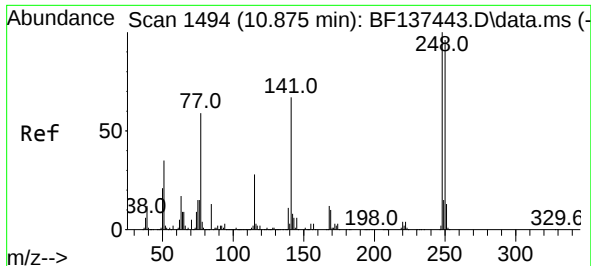
Tgt Ion:165 Resp: 72468
Ion Ratio Lower Upper
165 100
63 1.1 39.0 58.6#
89 1.3 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

Tgt Ion:188 Resp: 1042186
Ion Ratio Lower Upper
188 100
94 14.1 10.6 15.8
80 14.9 11.5 17.3

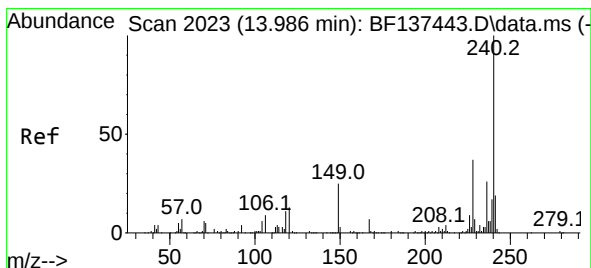
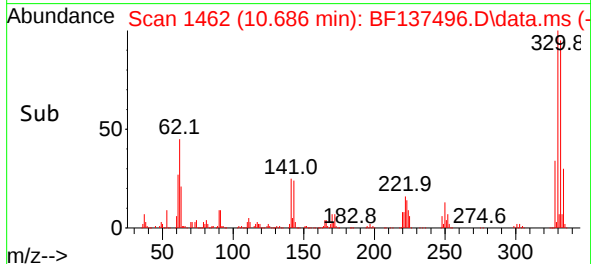
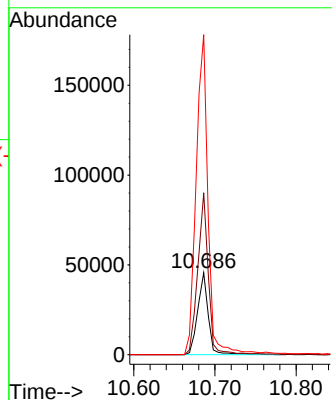
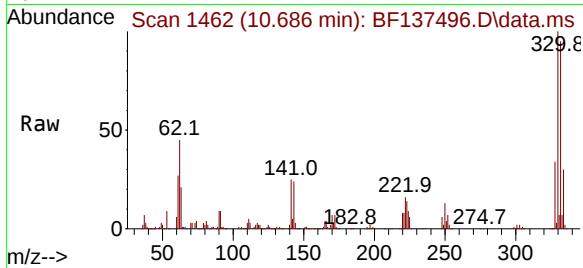




#67
4-Bromophenyl-phenylether
Concen: 3.674 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

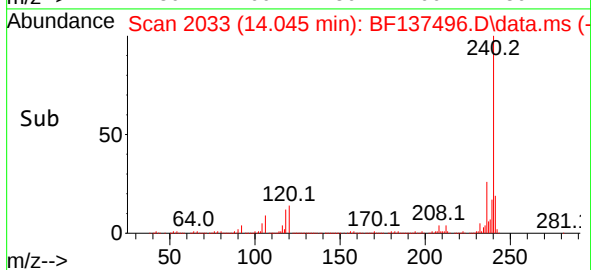
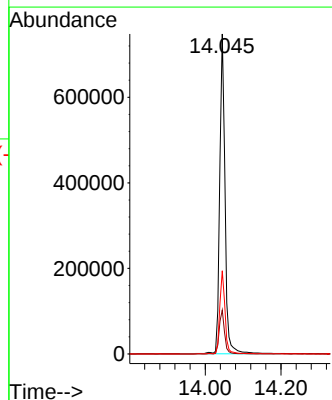
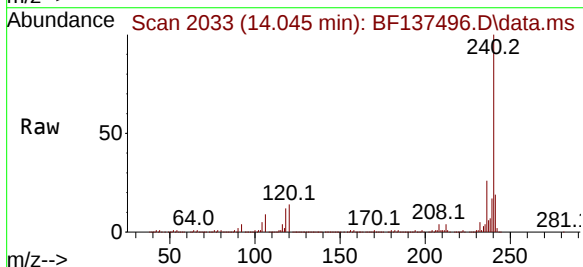
Instrument :
BNA_F
ClientSampleId :
PB159421BL

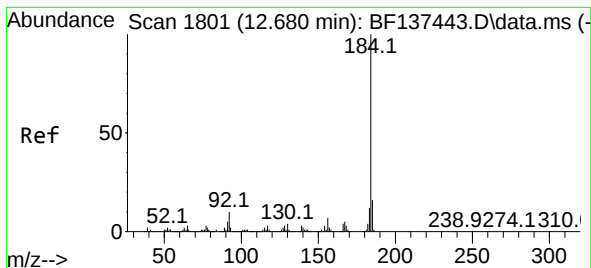
Tgt Ion:248 Resp: 41701
Ion Ratio Lower Upper
248 100
250 197.6 76.8 115.2#
141 390.7 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

Tgt Ion:240 Resp: 724025
Ion Ratio Lower Upper
240 100
120 13.7 10.4 15.6
236 26.0 20.9 31.3





#77

Benzidine

Concen: 2.405 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF137496.D

Acq: 05 Mar 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB159421BL

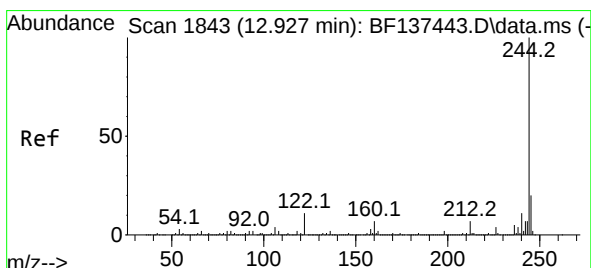
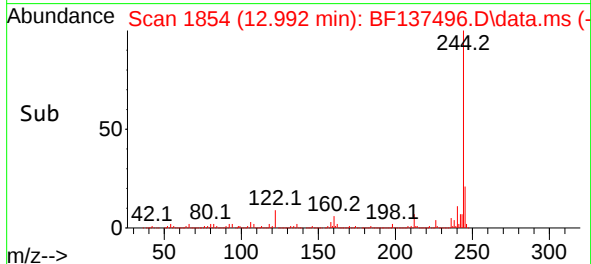
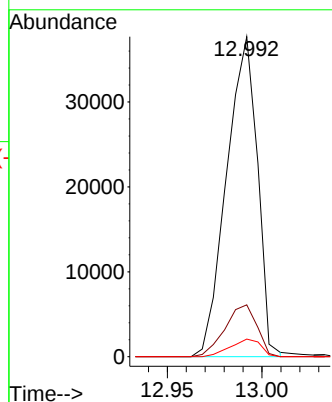
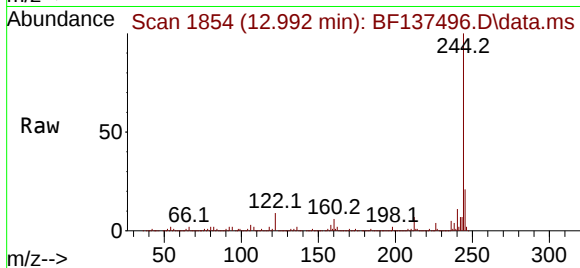
Tgt Ion:184 Resp: 42611

Ion Ratio Lower Upper

184 100

185 16.2 13.2 19.8

183 5.5 9.3 13.9#



#79

Terphenyl-d14

Concen: 68.184 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF137496.D

Acq: 05 Mar 2024 12:53

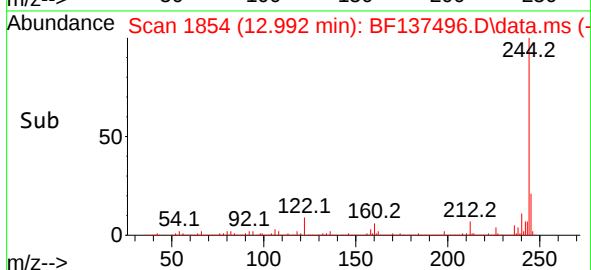
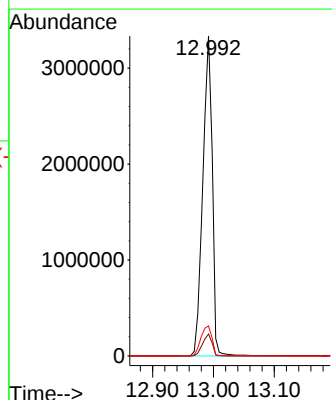
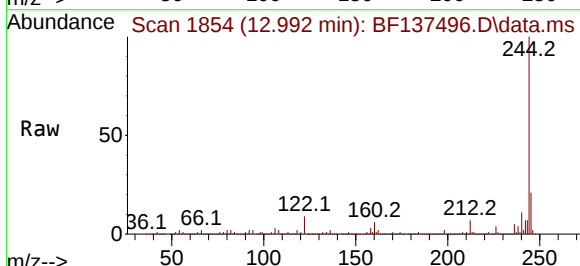
Tgt Ion:244 Resp: 3590062

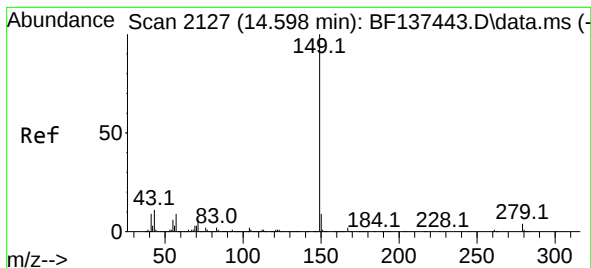
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 9.4 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.609 ng

RT: 14.662 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF137496.D

Acq: 05 Mar 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB159421BL

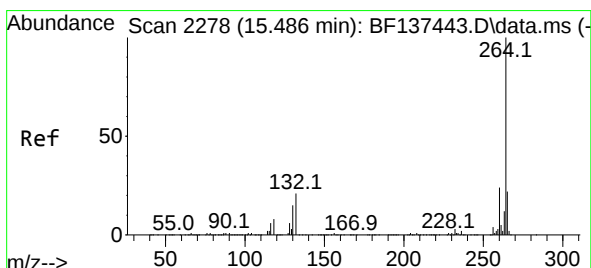
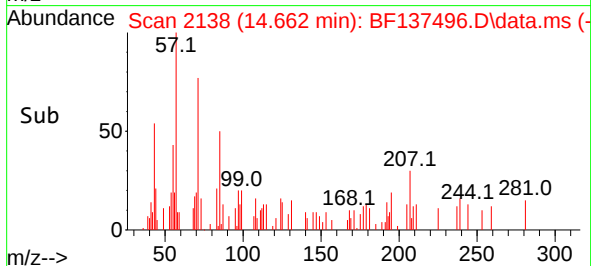
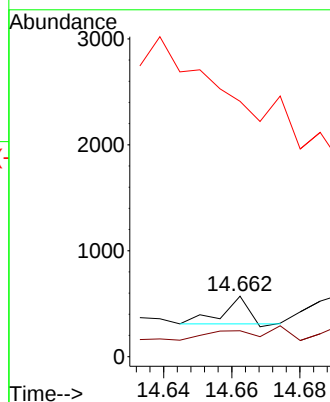
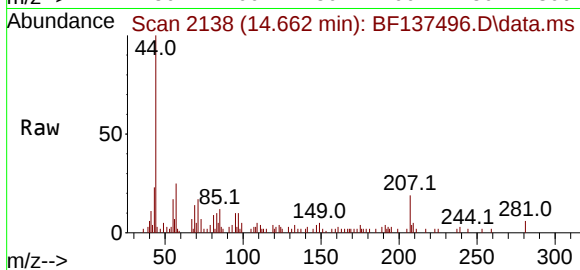
Tgt Ion:149 Resp: 131

Ion Ratio Lower Upper

149 100

167 365.6 1.2 1.8#

43 0.0 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2293

Delta R.T. 0.006 min

Lab File: BF137496.D

Acq: 05 Mar 2024 12:53

Tgt Ion:264 Resp: 559440

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.5 17.4 26.0

