

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031524\
 Data File : BF137611.D
 Acq On : 15 Mar 2024 16:03
 Operator : CG\JU
 Sample : PB159613BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159613BL

Quant Time: Mar 15 16:21:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

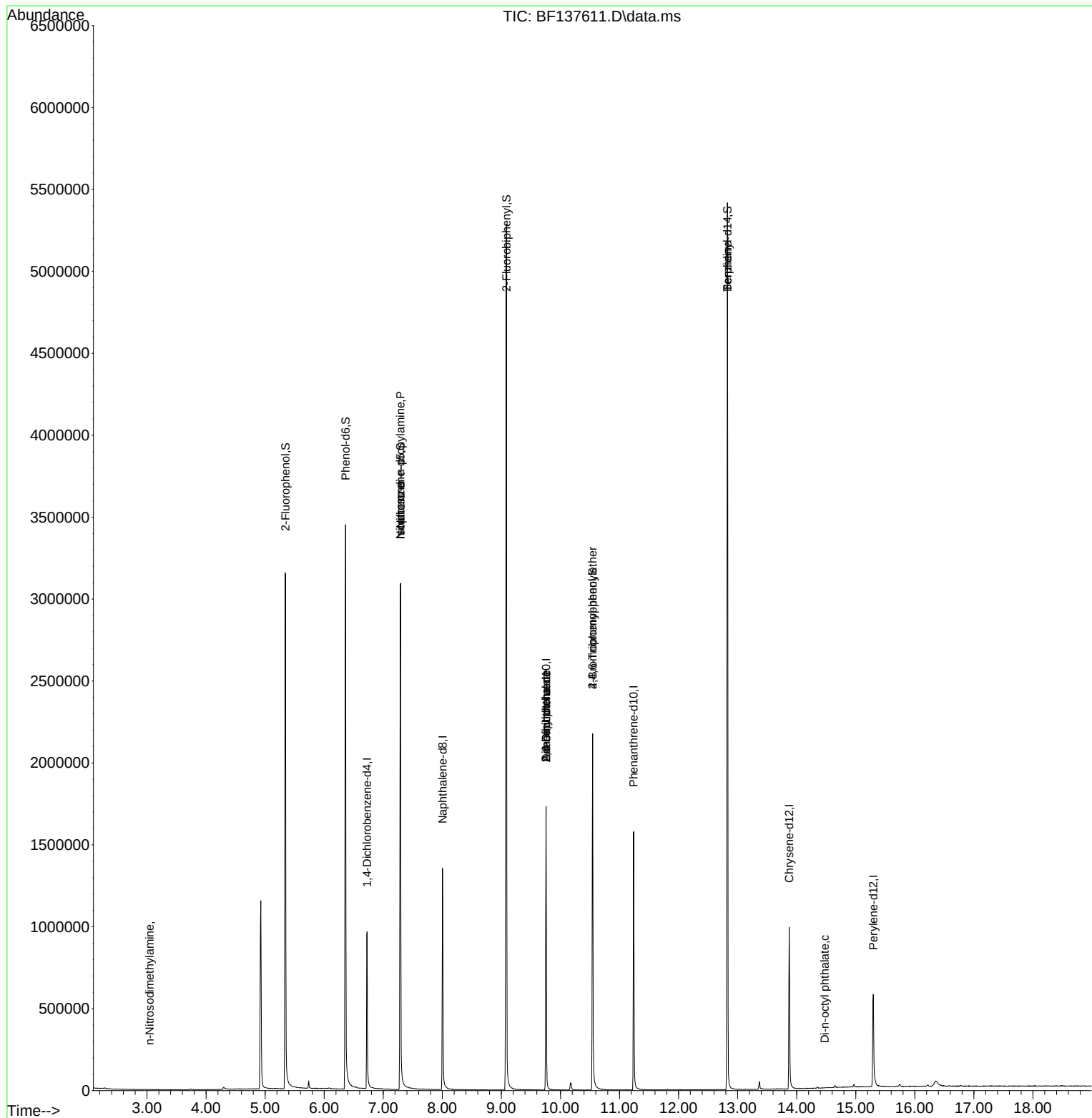
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	164876	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	640676	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	350327	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	572257	20.000	ng	0.00
76) Chrysene-d12	13.874	240	350600	20.000	ng	0.00
86) Perylene-d12	15.298	264	288694	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	999815	91.842	ng	0.01
7) Phenol-d6	6.363	99	1325230	84.335	ng	0.00
23) Nitrobenzene-d5	7.292	82	1159958	84.124	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	262153	85.212	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1920864	85.830	ng	0.00
79) Terphenyl-d14	12.827	244	1981254	77.708	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.046	42	233	3.845	ng	# 1
19) n-Nitroso-di-n-propyla...	7.292	70	152009	15.665	ng	# 78
25) Isophorone	7.292	82	1159948	44.280	ng	# 69
50) Dimethylphthalate	9.757	163	53826	2.207	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	44988	8.820	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	44988	7.179	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	17984	2.885	ng	# 1
77) Benzidine	12.827	184	22914	2.671	ng	# 92
85) Di-n-octyl phthalate	14.474	149	504	5.628	ng	# 84

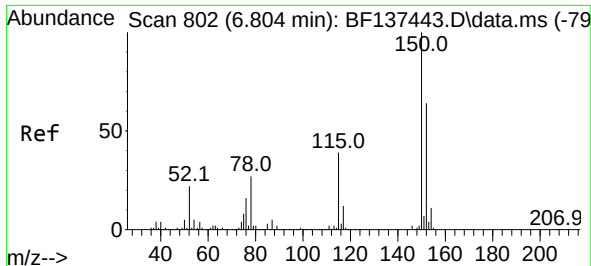
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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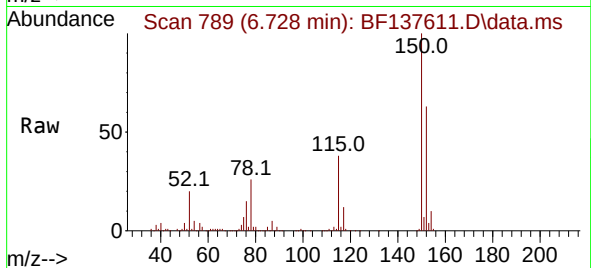
Quant Time: Mar 15 16:21:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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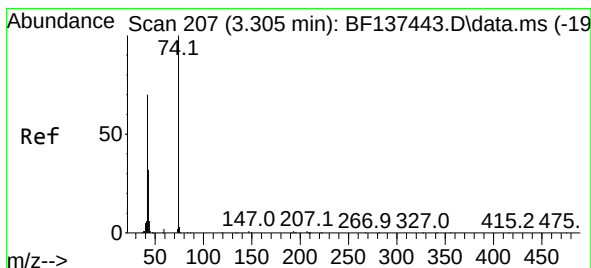
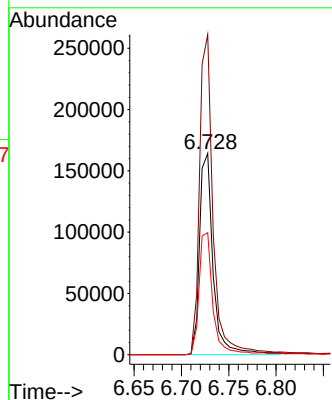
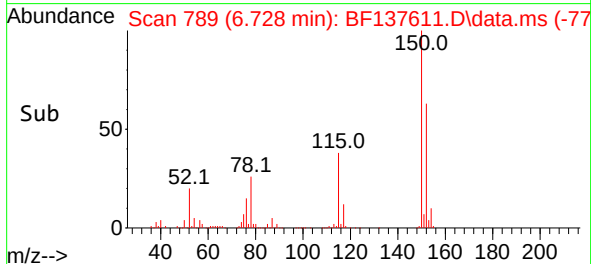


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137611.D
Acq: 15 Mar 2024 16:03

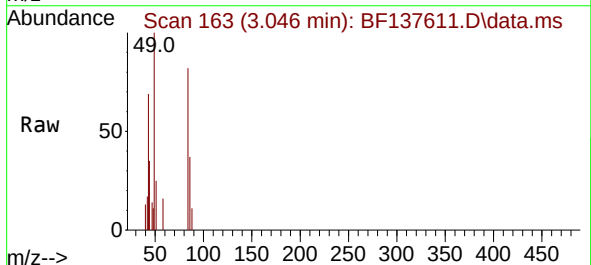
Instrument :
BNA_F
ClientSampleId :
PB159613BL



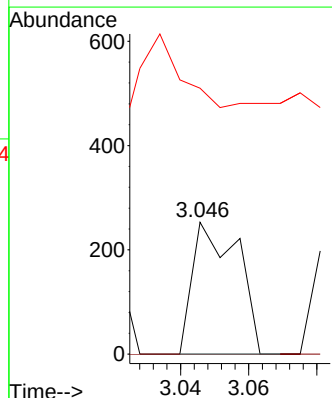
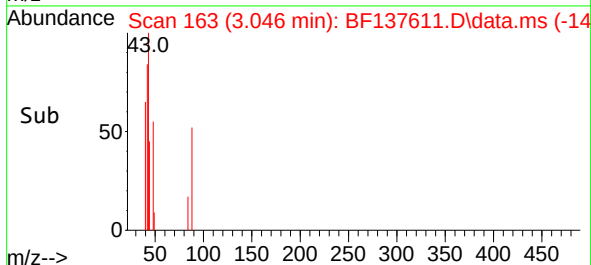
Tgt Ion:152 Resp: 164876
Ion Ratio Lower Upper
152 100
150 159.0 125.8 188.6
115 60.6 48.8 73.2

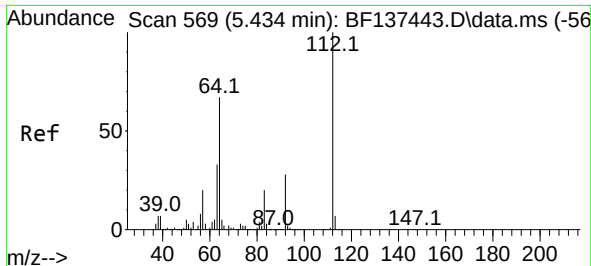


#4
n-Nitrosodimethylamine
Concen: 3.845 ng
RT: 3.046 min Scan# 163
Delta R.T. 0.006 min
Lab File: BF137611.D
Acq: 15 Mar 2024 16:03



Tgt Ion: 42 Resp: 233
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 201.6 7.0 10.4#

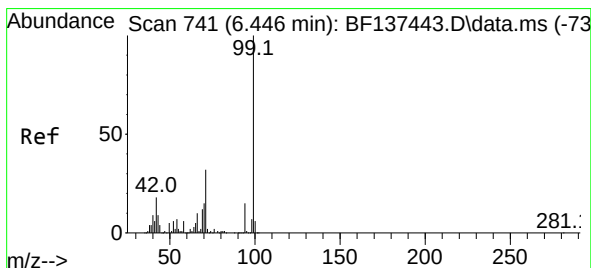
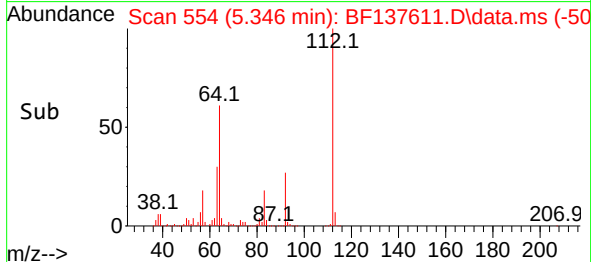
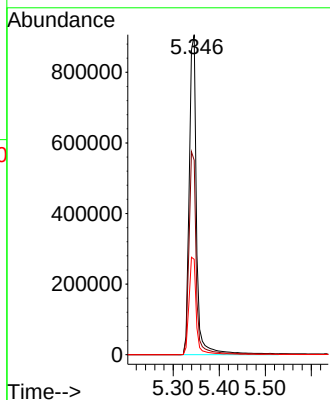
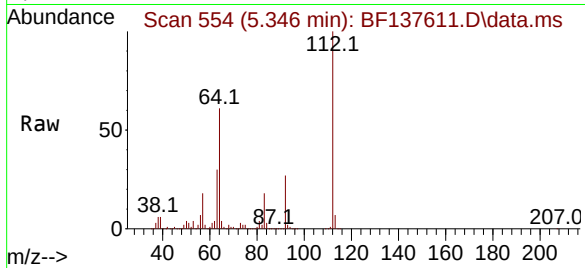




#5
2-Fluorophenol
Concen: 91.842 ng
RT: 5.346 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137611.D
Acq: 15 Mar 2024 16:03

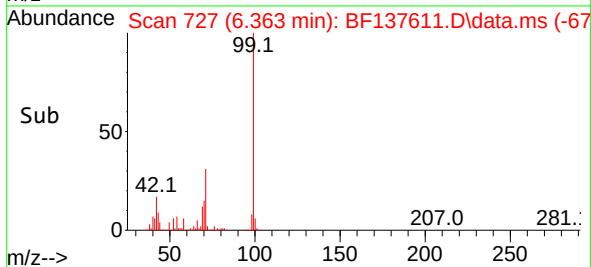
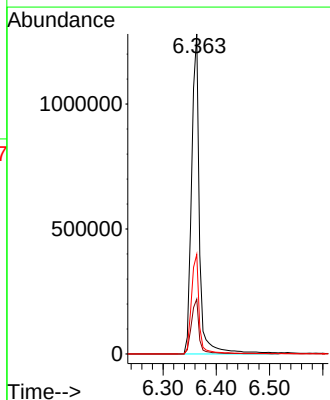
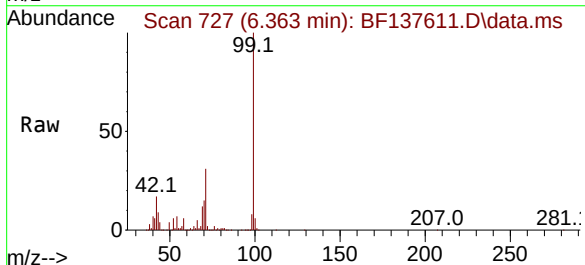
Instrument :
BNA_F
ClientSampleId :
PB159613BL

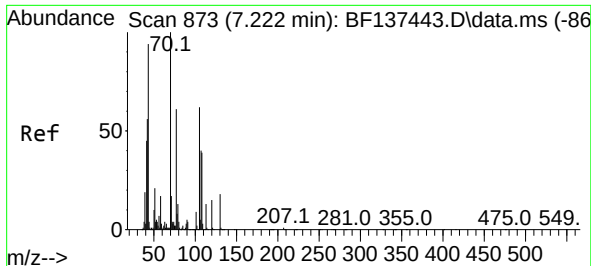
Tgt Ion:112 Resp: 999815
Ion Ratio Lower Upper
112 100
64 60.8 53.4 80.2
63 29.8 26.2 39.2



#7
Phenol-d6
Concen: 84.335 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF137611.D
Acq: 15 Mar 2024 16:03

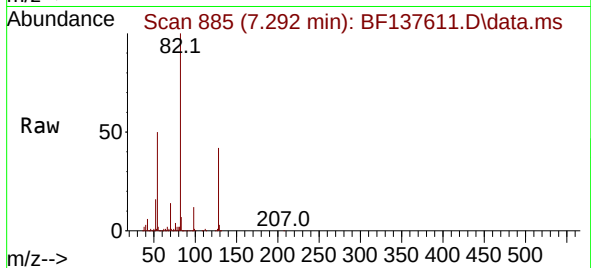
Tgt Ion: 99 Resp: 1325230
Ion Ratio Lower Upper
99 100
42 17.2 14.6 21.8
71 31.1 25.3 37.9



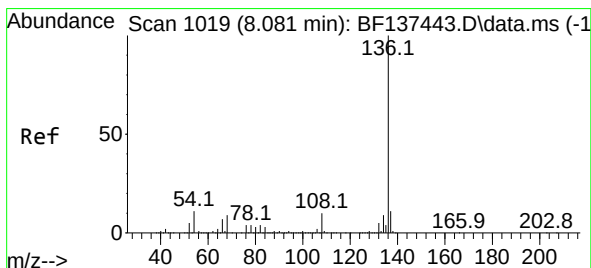
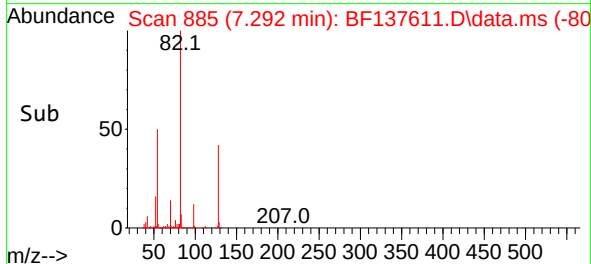
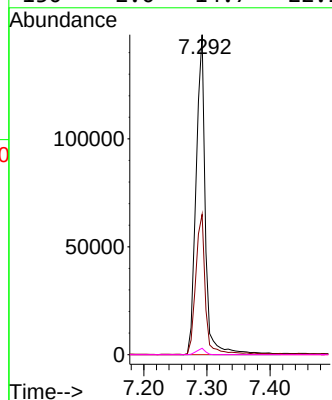


#19
n-Nitroso-di-n-propylamine
Concen: 15.665 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF137611.D
Acq: 15 Mar 2024 16:03

Instrument :
BNA_F
ClientSampleId :
PB159613BL

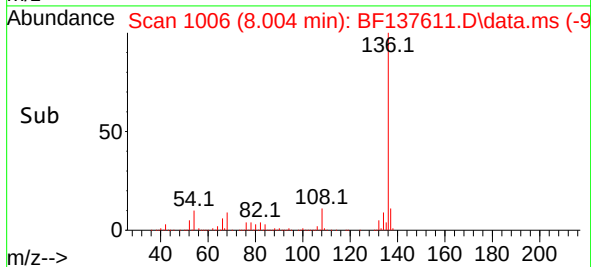
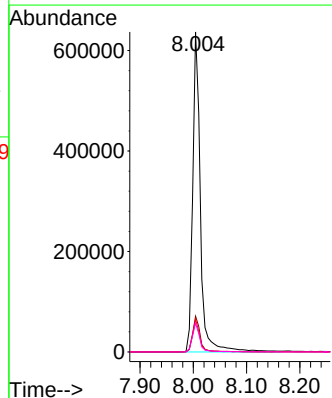
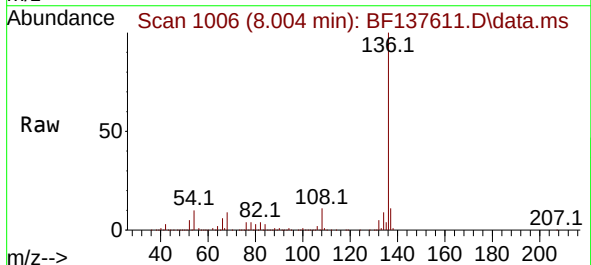


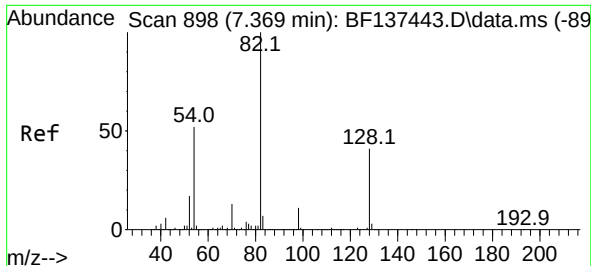
Tgt Ion: 70 Resp: 152009
Ion Ratio Lower Upper
70 100
42 43.9 45.2 67.8#
101 0.0 7.3 10.9#
130 2.0 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137611.D
Acq: 15 Mar 2024 16:03

Tgt Ion: 136 Resp: 640676
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 10.3 8.5 12.7
68 9.0 7.4 11.2

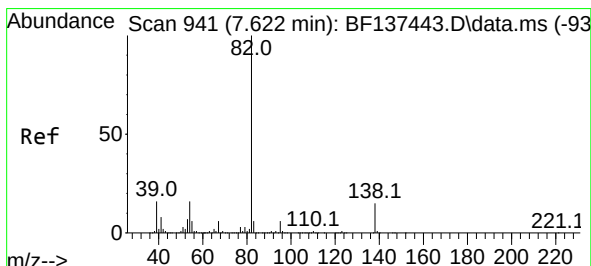
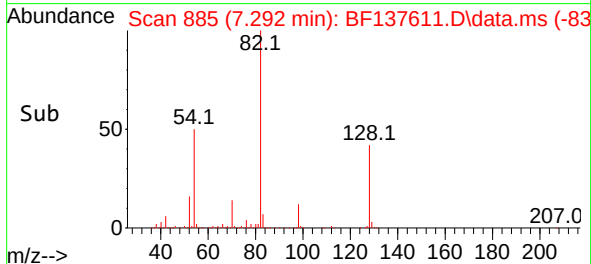
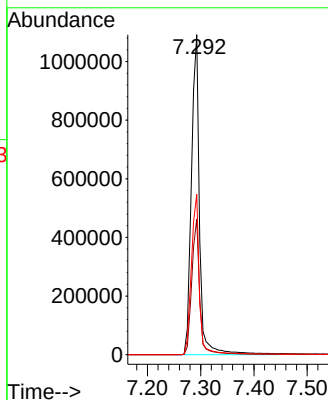
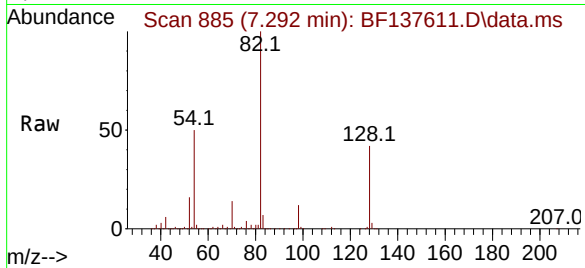




#23
Nitrobenzene-d5
Concen: 84.124 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF137611.D
Acq: 15 Mar 2024 16:03

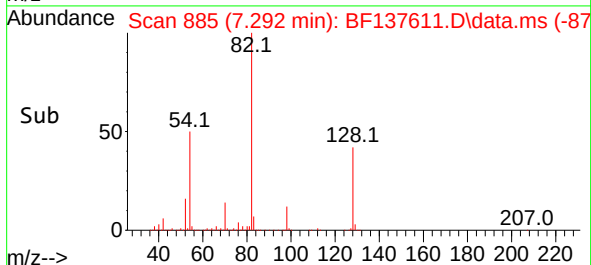
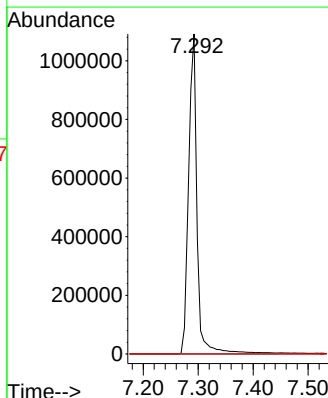
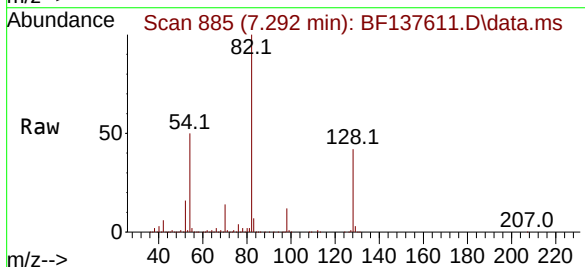
Instrument :
BNA_F
ClientSampleId :
PB159613BL

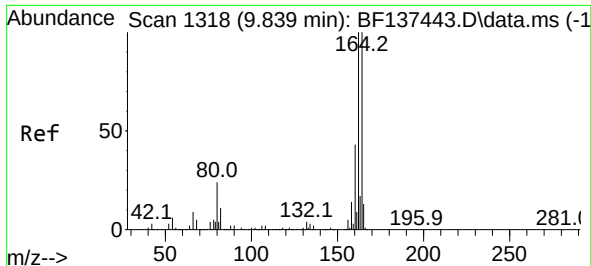
Tgt Ion: 82 Resp: 1159958
Ion Ratio Lower Upper
82 100
128 42.4 32.5 48.7
54 50.1 41.5 62.3



#25
Isophorone
Concen: 44.280 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.259 min
Lab File: BF137611.D
Acq: 15 Mar 2024 16:03

Tgt Ion: 82 Resp: 1159948
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#

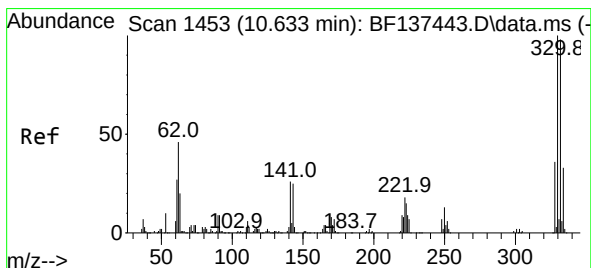
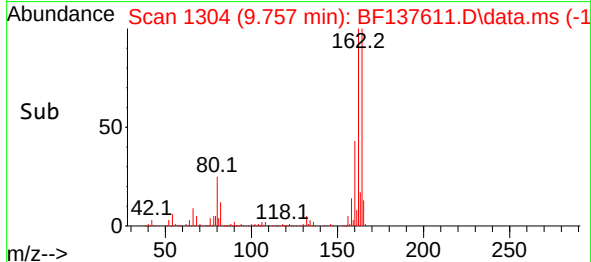
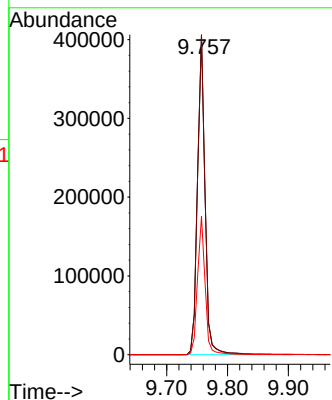
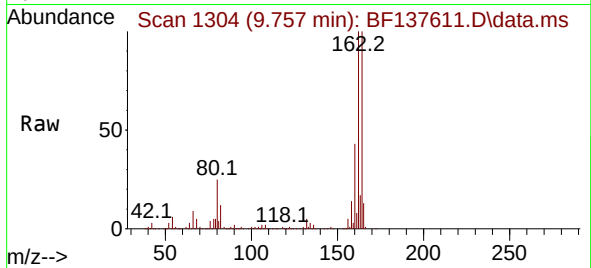




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137611.D
Acq: 15 Mar 2024 16:03

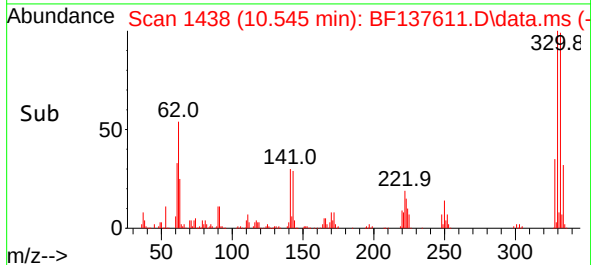
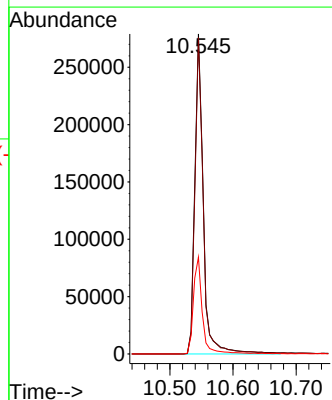
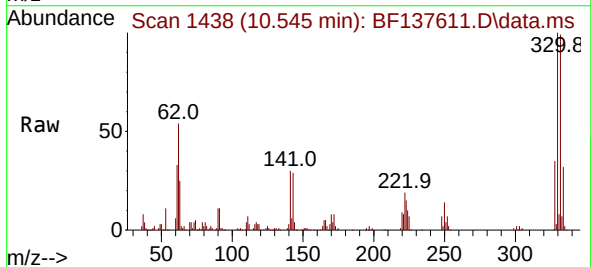
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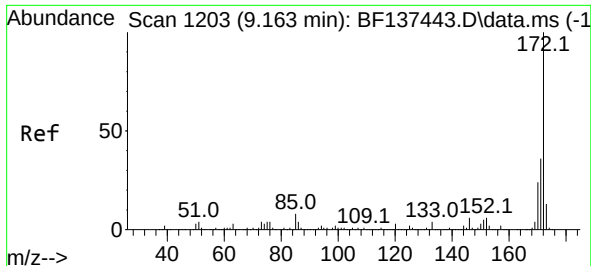
Tgt Ion:164 Resp: 350327
Ion Ratio Lower Upper
164 100
162 100.1 79.8 119.8
160 43.3 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 85.212 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF137611.D
Acq: 15 Mar 2024 16:03

Tgt Ion:330 Resp: 262153
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 32.0 27.3 40.9





#45

2-Fluorobiphenyl

Concen: 85.830 ng

RT: 9.086 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137611.D

Acq: 15 Mar 2024 16:03

Instrument :

BNA_F

ClientSampleId :

PB159613BL

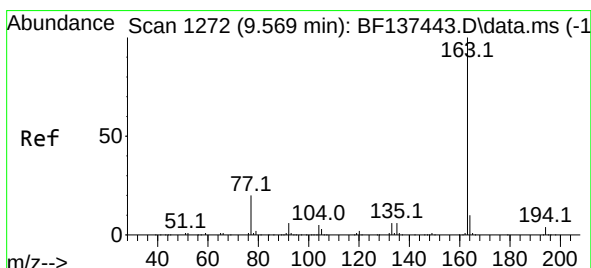
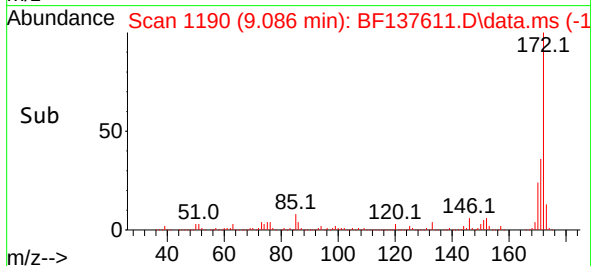
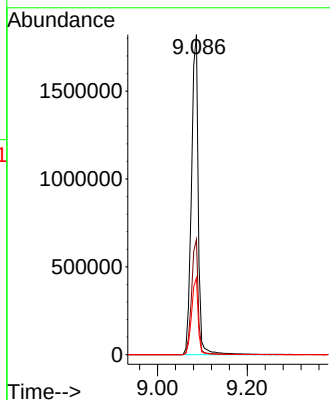
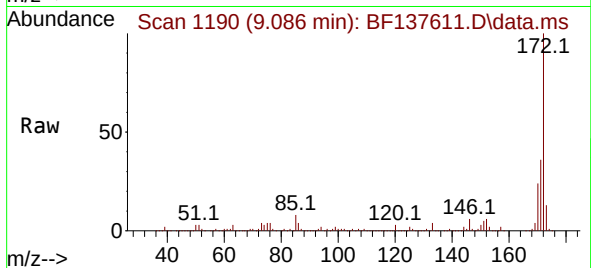
Tgt Ion:172 Resp: 1920864

Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

170 24.0 19.0 28.6



#50

Dimethylphthalate

Concen: 2.207 ng

RT: 9.757 min Scan# 1304

Delta R.T. 0.265 min

Lab File: BF137611.D

Acq: 15 Mar 2024 16:03

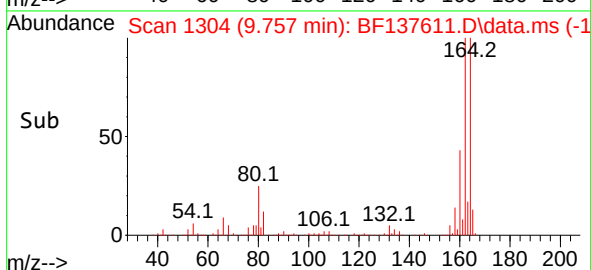
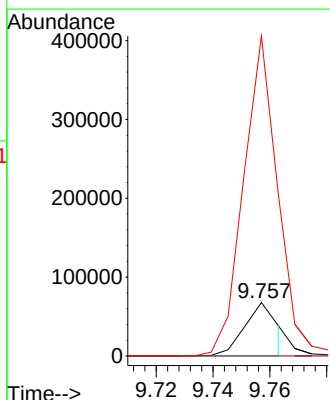
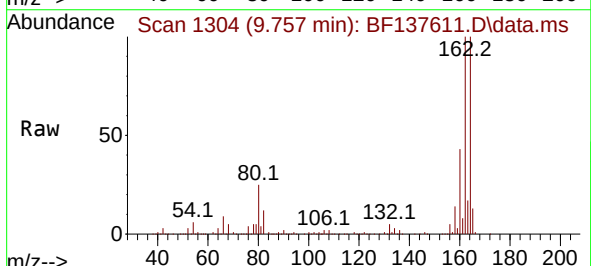
Tgt Ion:163 Resp: 53826

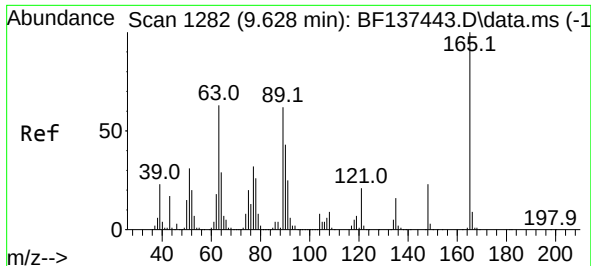
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 598.8 8.1 12.1#

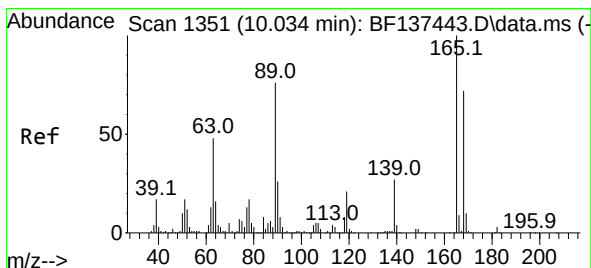
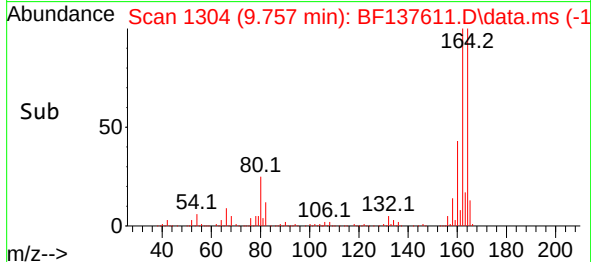
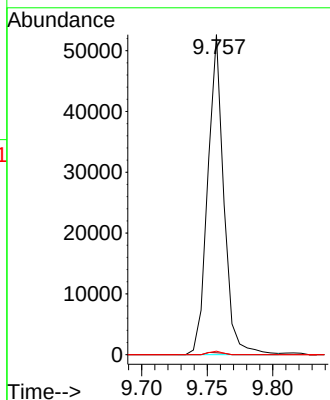
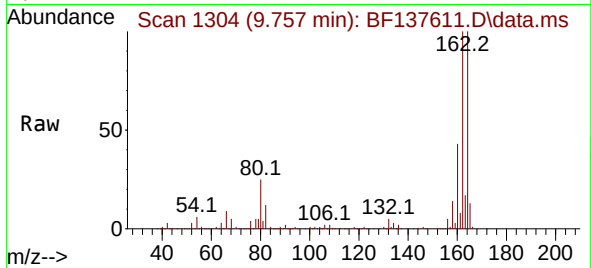




#51
2,6-Dinitrotoluene
Concen: 8.820 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF137611.D
Acq: 15 Mar 2024 16:03

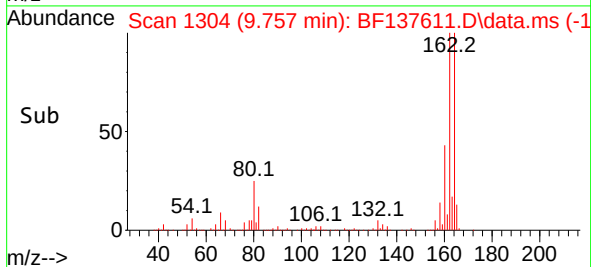
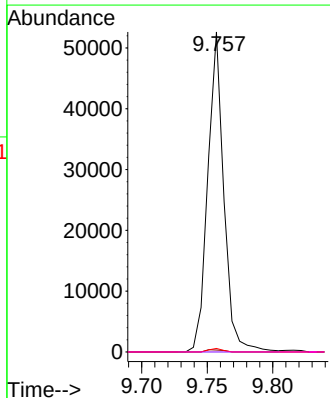
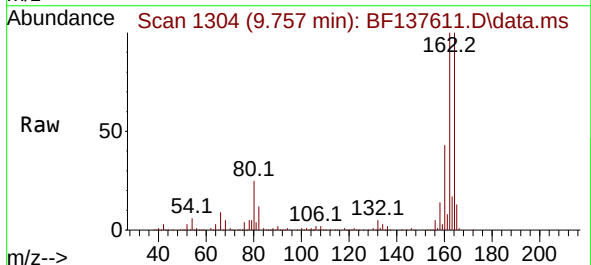
Instrument :
BNA_F
ClientSampleId :
PB159613BL

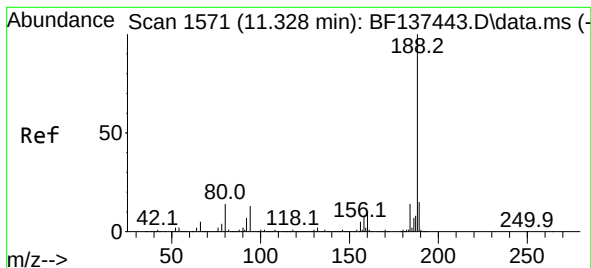
Tgt Ion:165 Resp: 44988
Ion Ratio Lower Upper
165 100
63 0.6 50.7 76.1#
89 1.1 50.0 75.0#



#57
2,4-Dinitrotoluene
Concen: 7.179 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF137611.D
Acq: 15 Mar 2024 16:03

Tgt Ion:165 Resp: 44988
Ion Ratio Lower Upper
165 100
63 0.6 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: 11.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137611.D

Acq: 15 Mar 2024 16:03

Instrument :

BNA_F

ClientSampleId :

PB159613BL

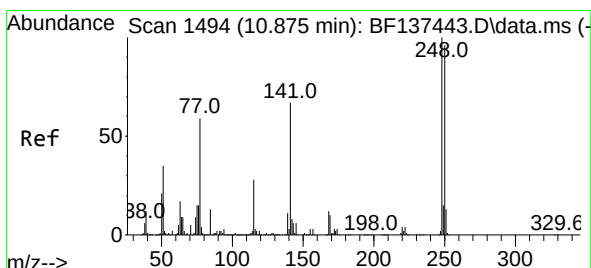
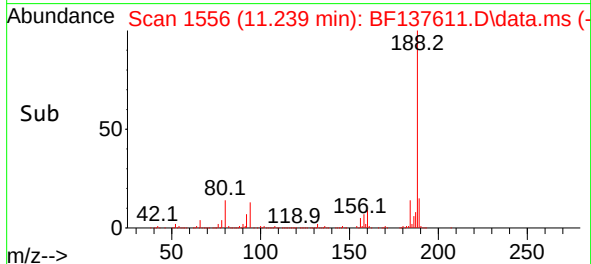
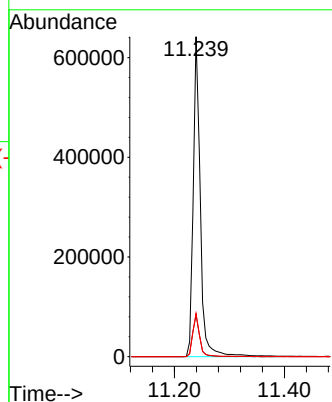
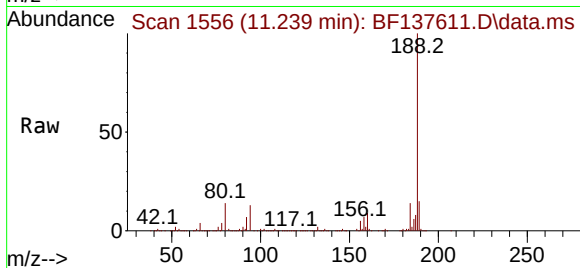
Tgt Ion:188 Resp: 572257

Ion Ratio Lower Upper

188 100

94 13.0 10.6 15.8

80 13.6 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 2.885 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.247 min

Lab File: BF137611.D

Acq: 15 Mar 2024 16:03

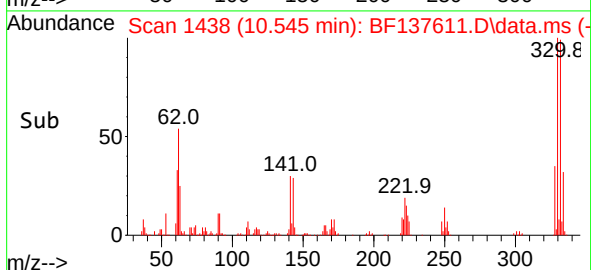
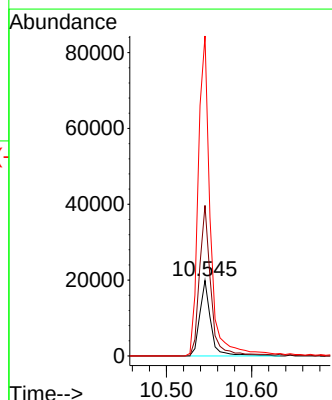
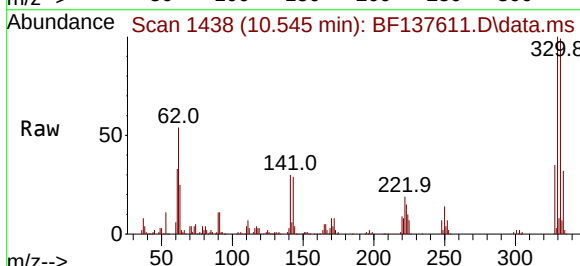
Tgt Ion:248 Resp: 17984

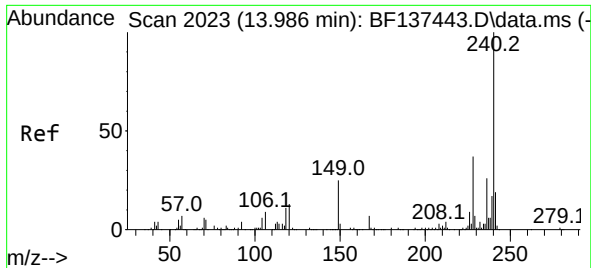
Ion Ratio Lower Upper

248 100

250 199.4 76.8 115.2#

141 423.8 53.4 80.0#

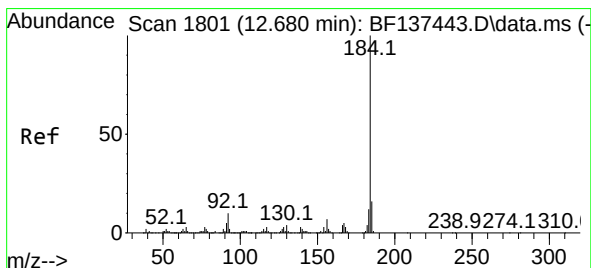
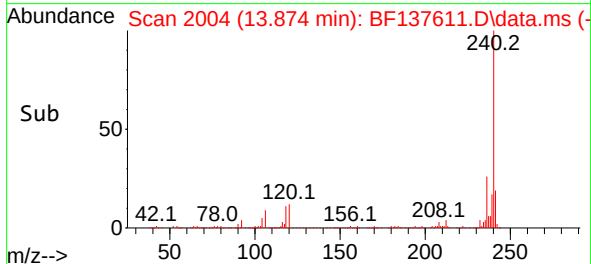
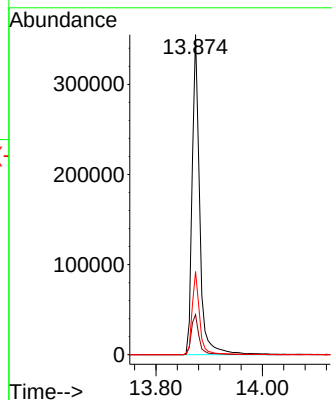
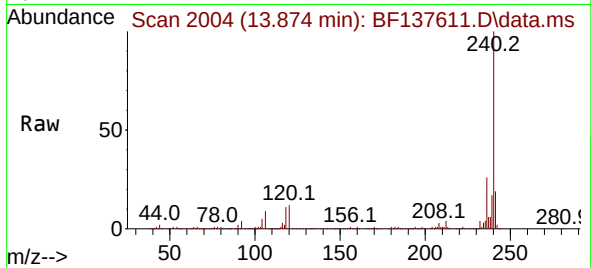




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF137611.D
Acq: 15 Mar 2024 16:03

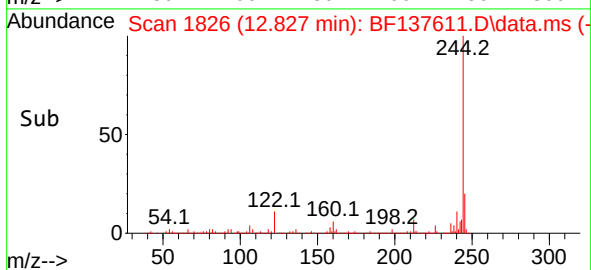
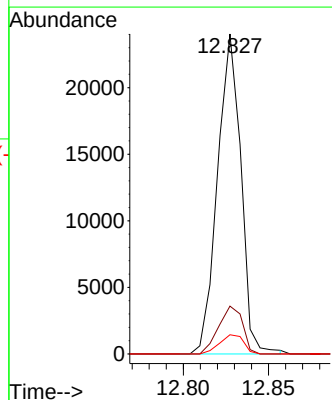
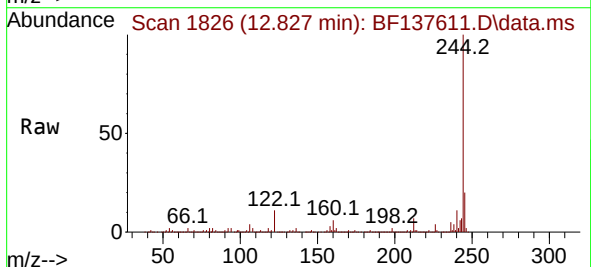
Instrument :
BNA_F
ClientSampleId :
PB159613BL

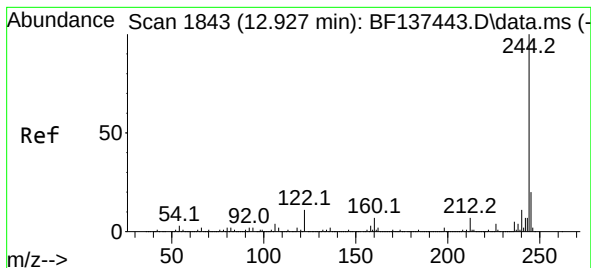
Tgt Ion:240 Resp: 350600
Ion Ratio Lower Upper
240 100
120 12.5 10.4 15.6
236 26.0 20.9 31.3



#77
Benzidine
Concen: 2.671 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF137611.D
Acq: 15 Mar 2024 16:03

Tgt Ion:184 Resp: 22914
Ion Ratio Lower Upper
184 100
185 15.0 13.2 19.8
183 6.0 9.3 13.9#





#79

Terphenyl-d14

Concen: 77.708 ng

RT: 12.827 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137611.D

Acq: 15 Mar 2024 16:03

Instrument :

BNA_F

ClientSampleId :

PB159613BL

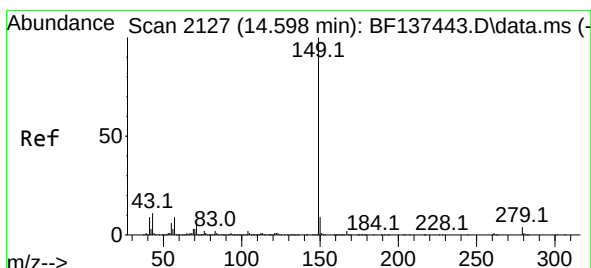
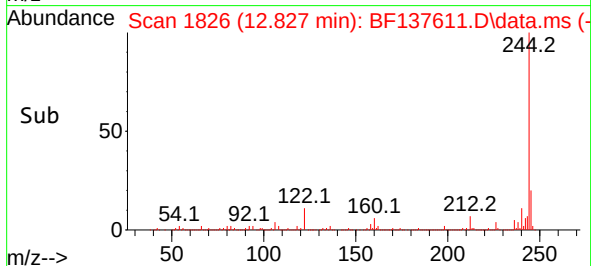
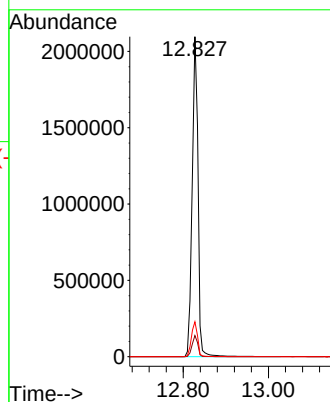
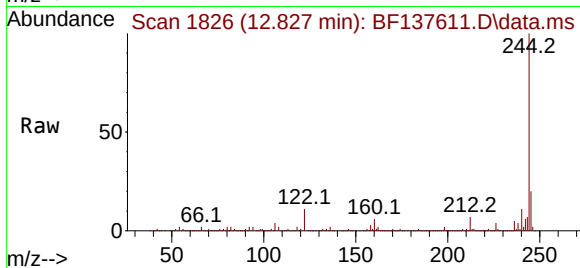
Tgt Ion:244 Resp: 1981254

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.9 9.1 13.7



#85

Di-n-octyl phthalate

Concen: 5.628 ng

RT: 14.474 min Scan# 2106

Delta R.T. -0.000 min

Lab File: BF137611.D

Acq: 15 Mar 2024 16:03

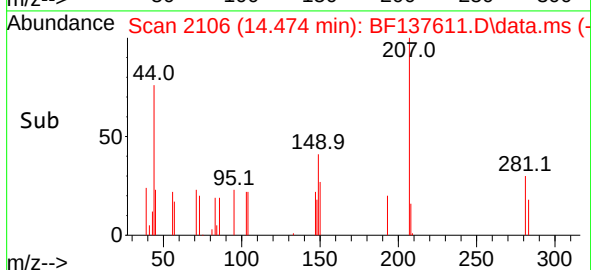
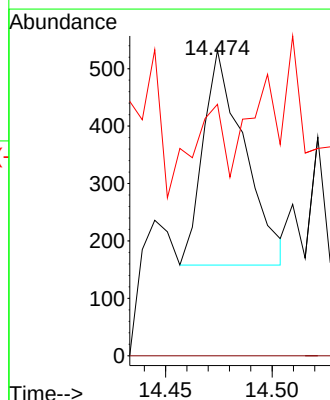
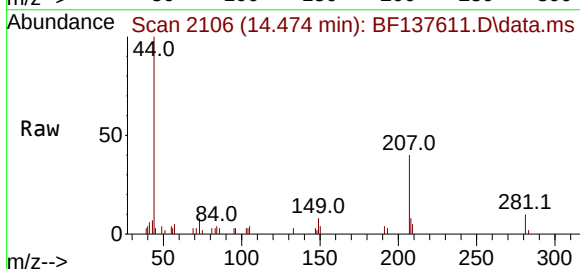
Tgt Ion:149 Resp: 504

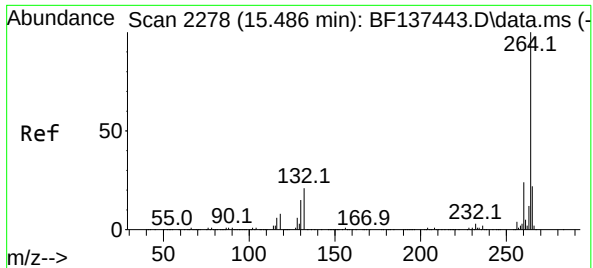
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

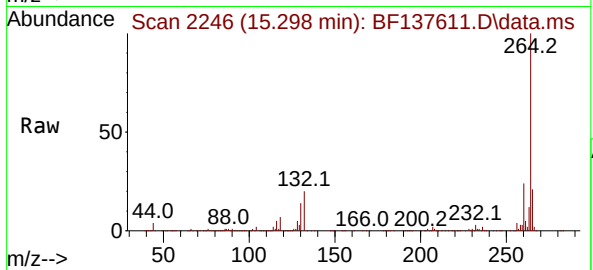
43 18.8 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF137611.D
Acq: 15 Mar 2024 16:03

Instrument :
BNA_F
ClientSampleId :
PB159613BL



Tgt Ion:264 Resp: 288694

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.0	17.4	26.0

