

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137607.D
 Acq On : 14 Mar 2024 23:19
 Operator : CG\JU
 Sample : P1746-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-0-2.0

Quant Time: Mar 15 02:05:54 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

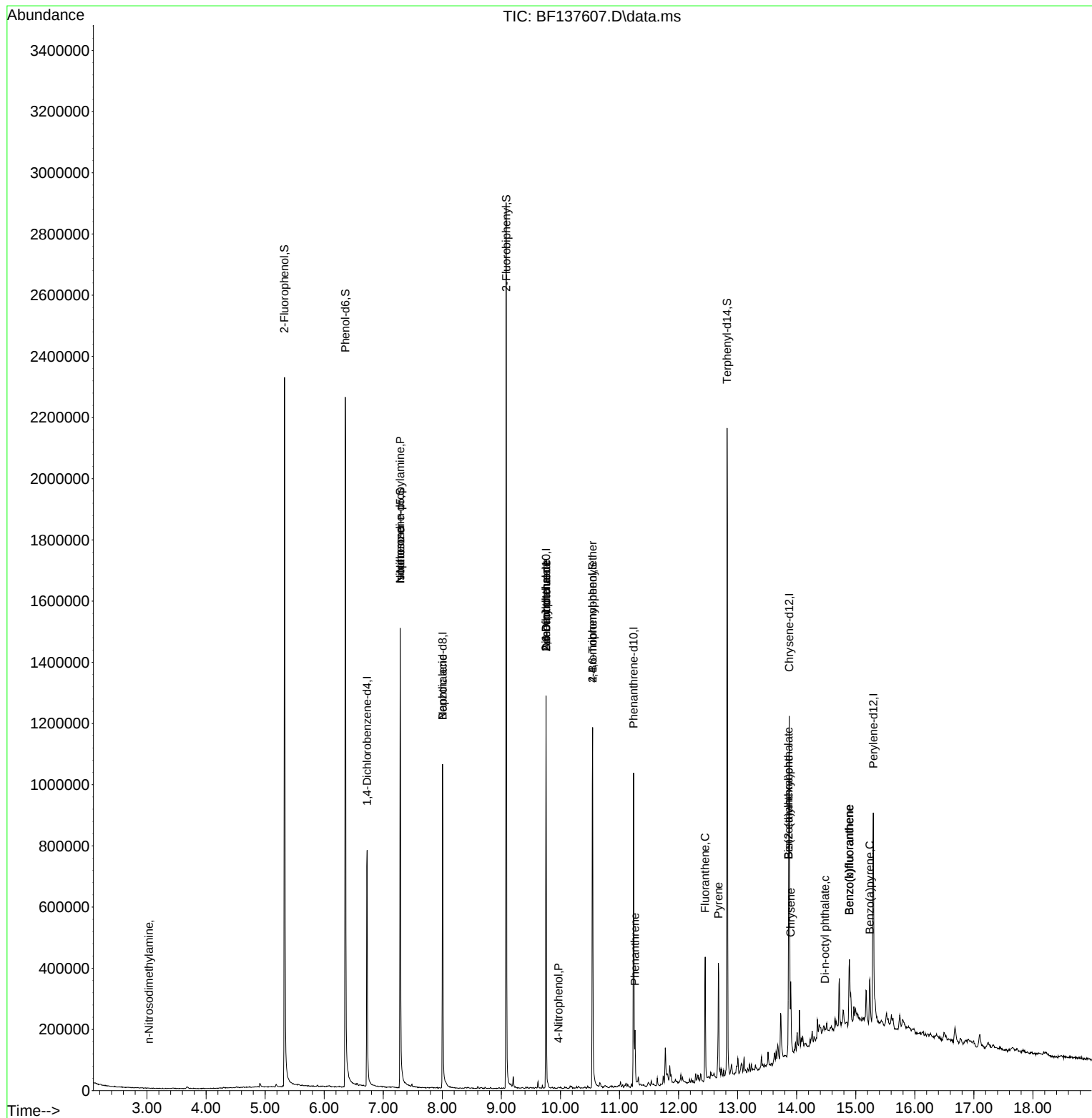
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	128313	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	472241	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	232231	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	353336	20.000	ng	0.00
76) Chrysene-d12	13.874	240	328390	20.000	ng	0.00
86) Perylene-d12	15.298	264	300694	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	671432	79.252	ng	0.00
7) Phenol-d6	6.357	99	869966	71.138	ng	-0.01
23) Nitrobenzene-d5	7.286	82	510405	50.219	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	136948	67.151	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	828840	55.868	ng	0.00
79) Terphenyl-d14	12.821	244	743376	31.128	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.034	42	75	3.824	ng	# 1
19) n-Nitroso-di-n-propyla...	7.286	70	66715	8.834	ng	# 79
25) Isophorone	7.286	82	510405	26.433	ng	# 69
32) Benzoic acid	8.004	122	72	6.313	ng	# 1
50) Dimethylphthalate	9.757	163	35900	2.221	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	30259	8.949	ng	# 20
56) 4-Nitrophenol	9.969	139	532	4.724	ng	# 5
57) 2,4-Dinitrotoluene	9.757	165	30260	7.284	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	9376	2.436	ng	# 1
71) Phenanthrene	11.263	178	59100	3.073	ng	97
75) Fluoranthene	12.451	202	158251	8.419	ng	96
78) Pyrene	12.674	202	154043	4.781	ng	96
81) Benzo(a)anthracene	13.862	228	94891	4.123	ng	98
83) Chrysene	13.898	228	88922	3.823	ng	97
84) Bis(2-ethylhexyl)phtha...	13.862	149	28063	2.683	ng	95
85) Di-n-octyl phthalate	14.480	149	2529	5.718	ng	# 95
88) Benzo(b)fluoranthene	14.892	252	146260	8.223	ng	# 95
89) Benzo(k)fluoranthene	14.892	252	146260	7.656	ng	# 93
90) Benzo(a)pyrene	15.239	252	71927	4.103	ng	97

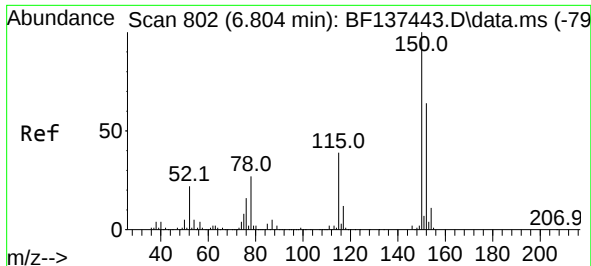
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
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ClientSampleId :
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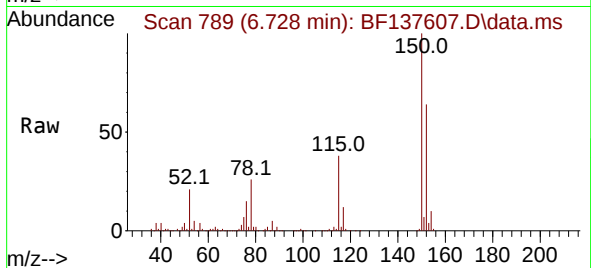
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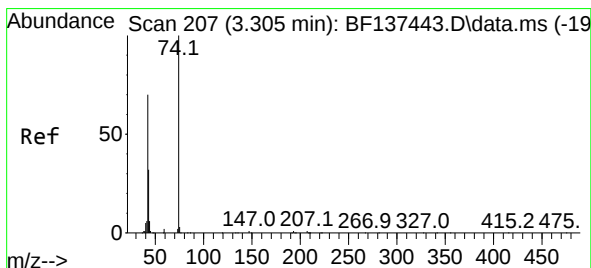
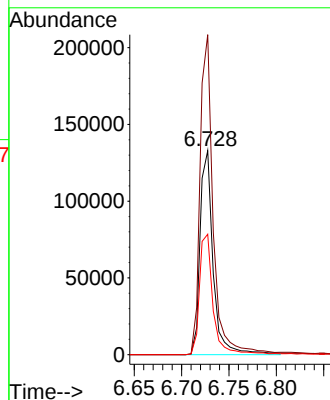
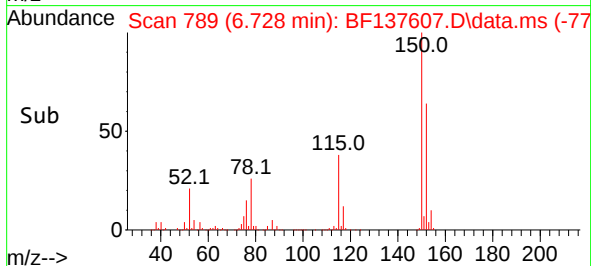


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

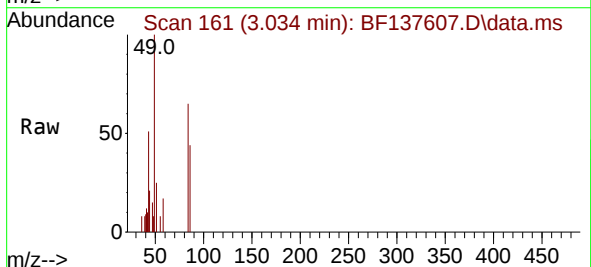
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BNA_F
ClientSampleId :
SB-06-0-2.0



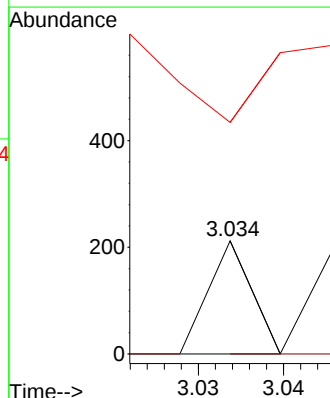
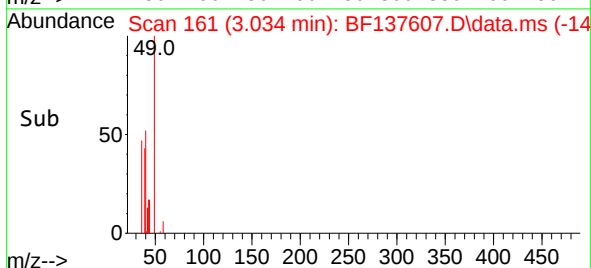
Tgt Ion:152 Resp: 128313
Ion Ratio Lower Upper
152 100
150 156.9 125.8 188.6
115 59.1 48.8 73.2

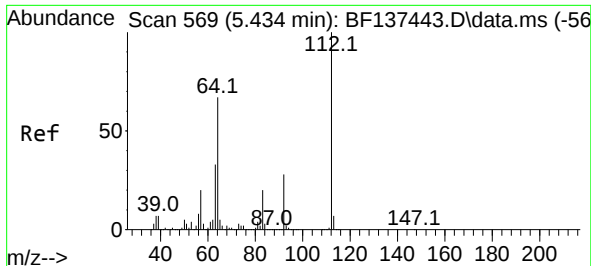


#4
n-Nitrosodimethylamine
Concen: 3.824 ng
RT: 3.034 min Scan# 161
Delta R.T. -0.006 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19



Tgt Ion: 42 Resp: 75
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 204.7 7.0 10.4#

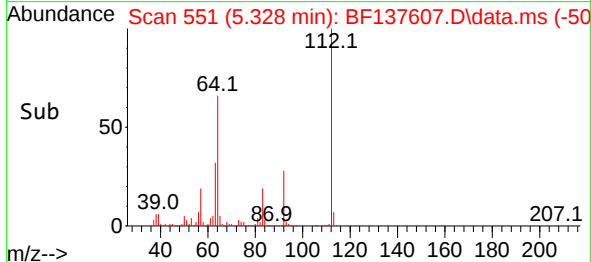
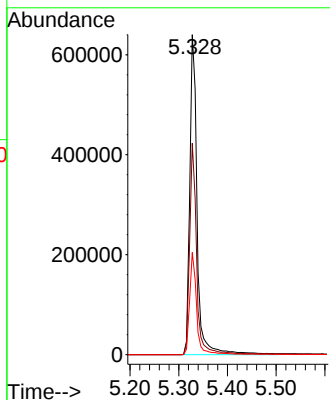
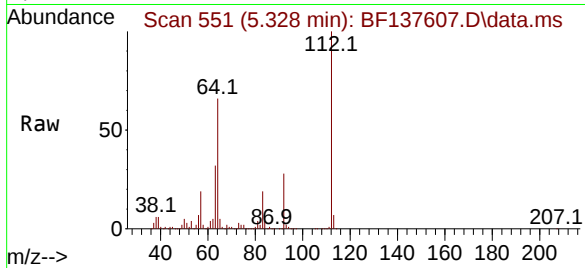




#5
2-Fluorophenol
Concen: 79.252 ng
RT: 5.328 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

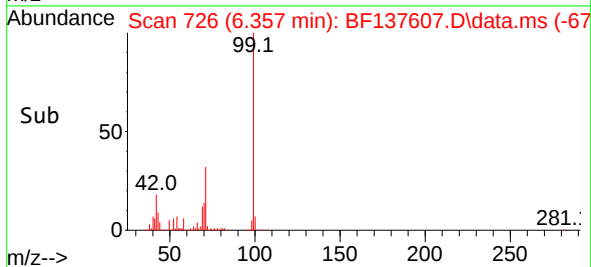
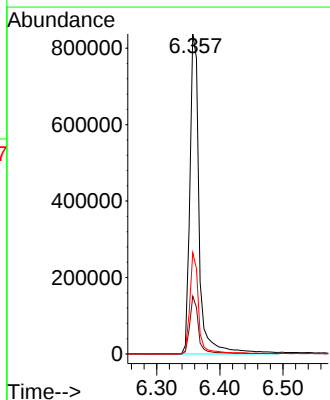
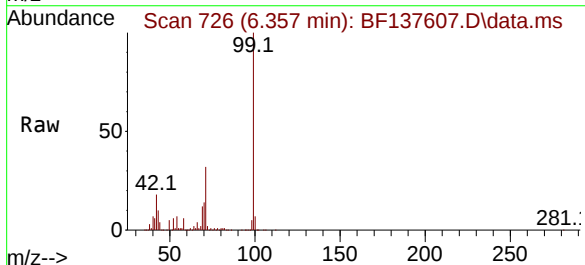
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

Tgt Ion:112 Resp: 671432
Ion Ratio Lower Upper
112 100
64 66.1 53.4 80.2
63 31.9 26.2 39.2



#7
Phenol-d6
Concen: 71.138 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.012 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

Tgt Ion: 99 Resp: 869966
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 31.6 25.3 37.9

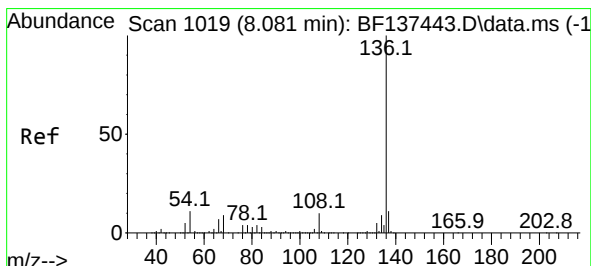
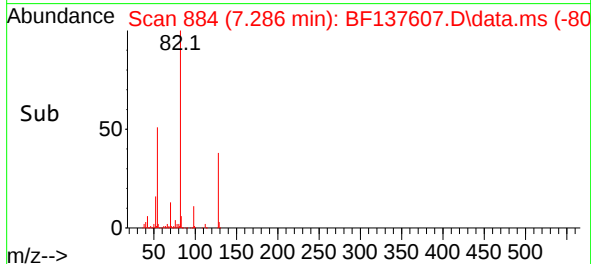
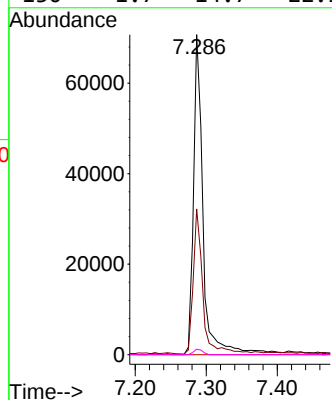
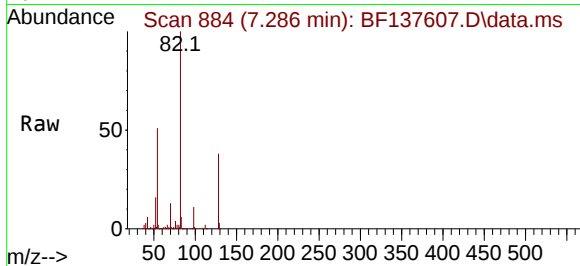




#19
n-Nitroso-di-n-propylamine
Concen: 8.834 ng
RT: 7.286 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

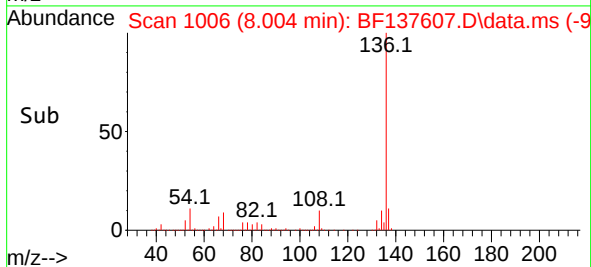
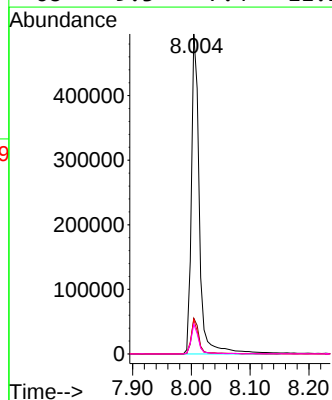
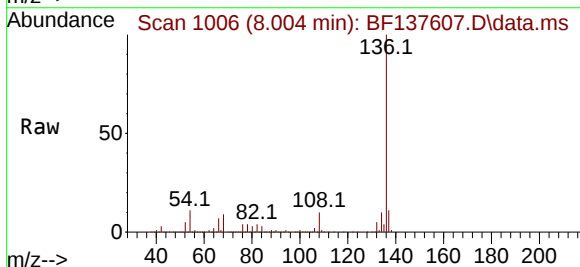
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

Tgt Ion: 70	Resp: 66715
Ion Ratio	Lower Upper
70 100	
42 45.6	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: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

Tgt Ion: 136	Resp: 472241
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 10.8	8.5 12.7
68 9.3	7.4 11.2





#23

Nitrobenzene-d5

Concen: 50.219 ng

RT: 7.286 min Scan# 884

Delta R.T. -0.012 min

Lab File: BF137607.D

Acq: 14 Mar 2024 23:19

Instrument :

BNA_F

ClientSampleId :

SB-06-0-2.0

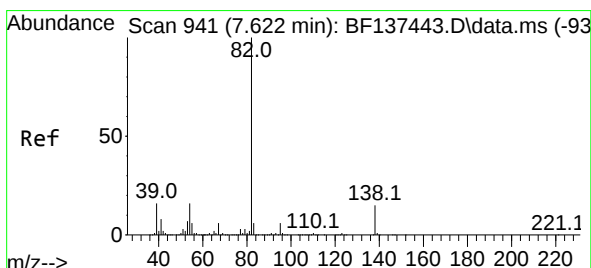
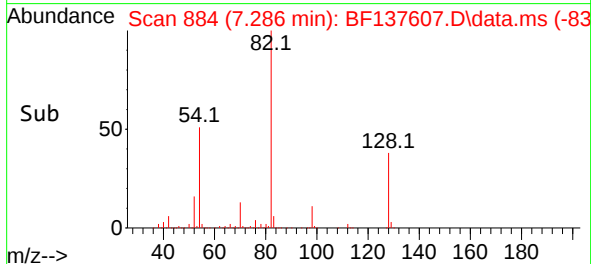
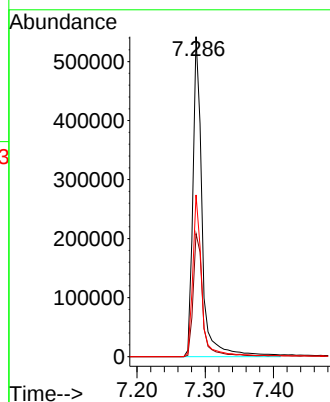
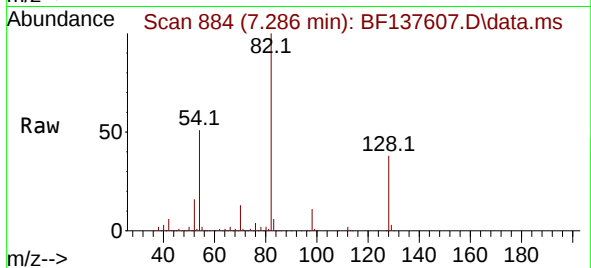
Tgt Ion: 82 Resp: 510405

Ion Ratio Lower Upper

82 100

128 38.5 32.5 48.7

54 50.6 41.5 62.3



#25

Isophorone

Concen: 26.433 ng

RT: 7.286 min Scan# 884

Delta R.T. -0.265 min

Lab File: BF137607.D

Acq: 14 Mar 2024 23:19

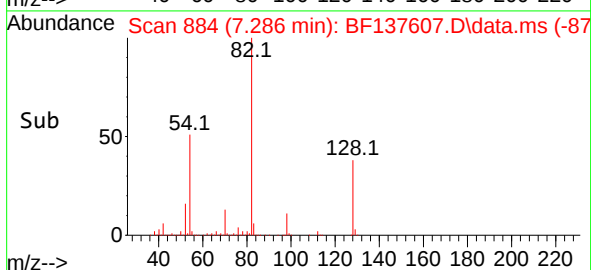
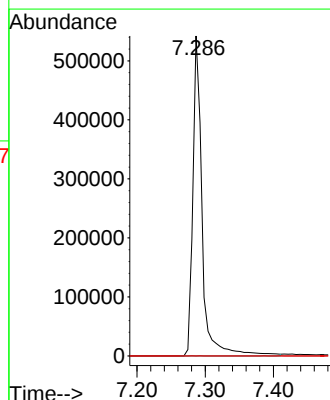
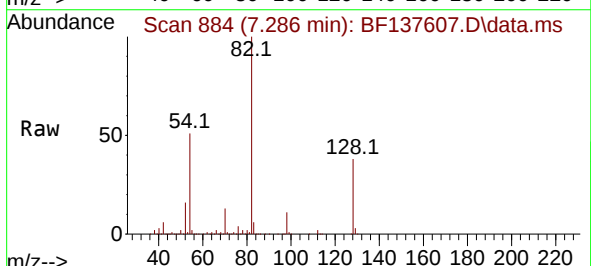
Tgt Ion: 82 Resp: 510405

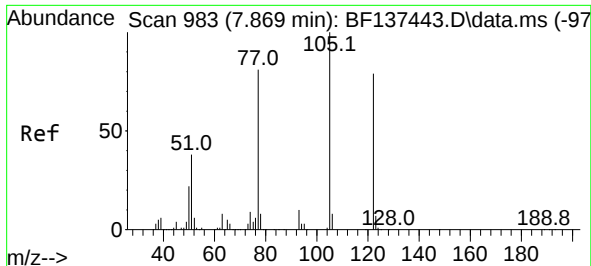
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

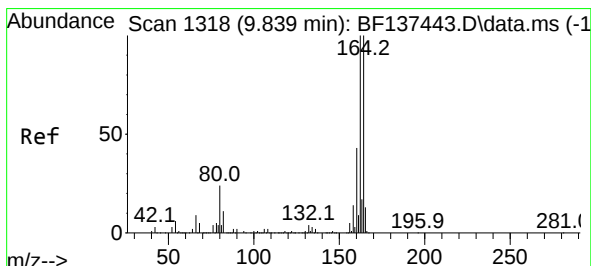
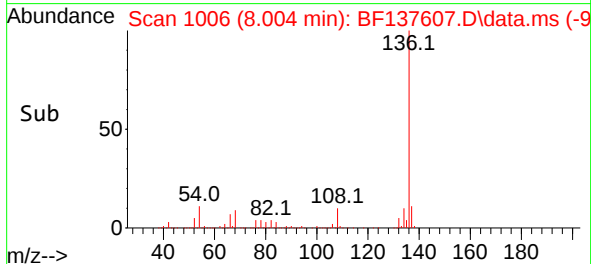
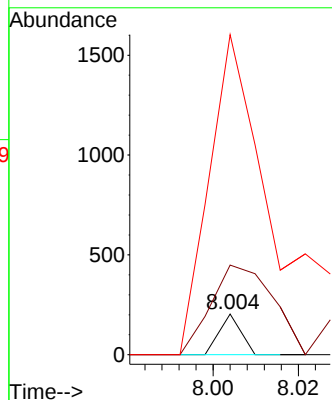
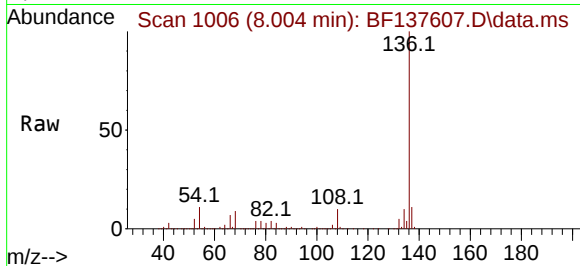




#32
Benzoic acid
Concen: 6.313 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.206 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

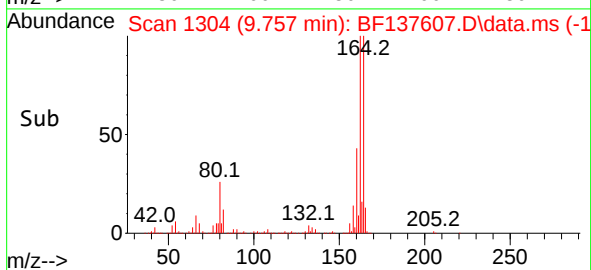
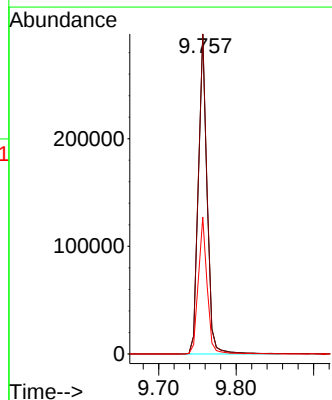
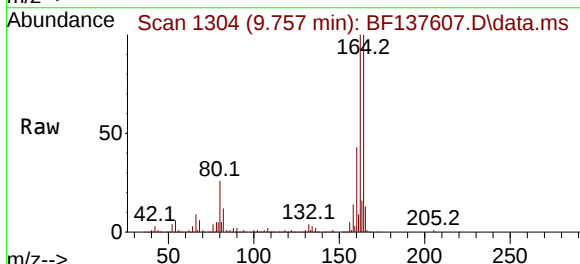
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

Tgt Ion:122 Resp: 72
Ion Ratio Lower Upper
122 100
105 220.1 102.4 142.4#
77 785.8 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

Tgt Ion:164 Resp: 232231
Ion Ratio Lower Upper
164 100
162 100.0 79.8 119.8
160 42.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 67.151 ng

RT: 10.545 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137607.D

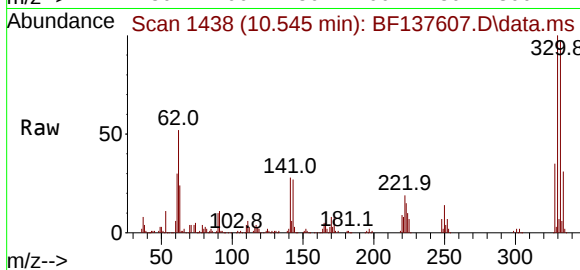
Acq: 14 Mar 2024 23:19

Instrument :

BNA_F

ClientSampleId :

SB-06-0-2.0



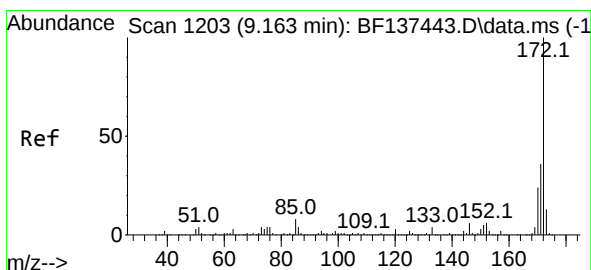
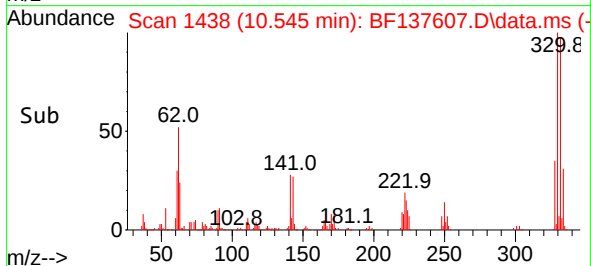
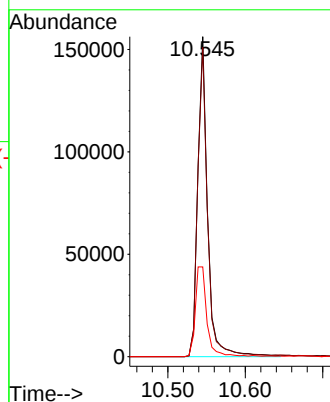
Tgt Ion:330 Resp: 136948

Ion Ratio Lower Upper

330 100

332 97.6 78.0 117.0

141 33.5 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 55.868 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137607.D

Acq: 14 Mar 2024 23:19

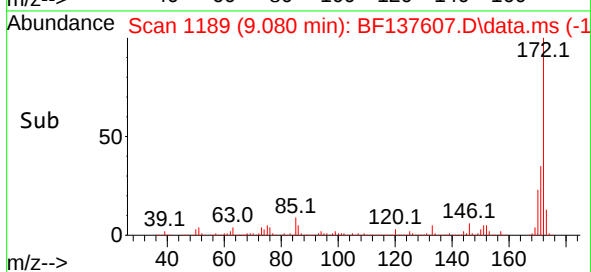
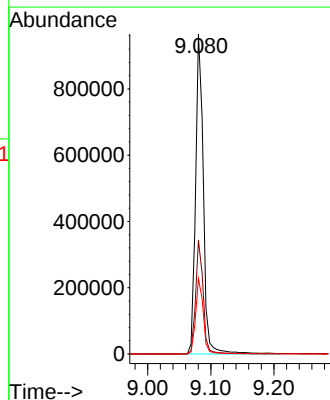
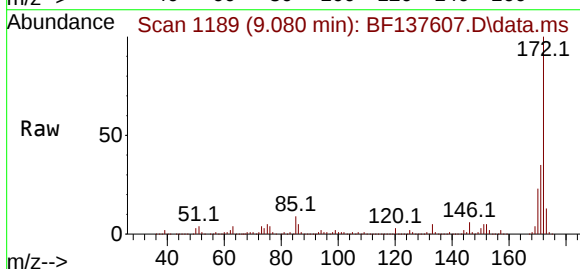
Tgt Ion:172 Resp: 828840

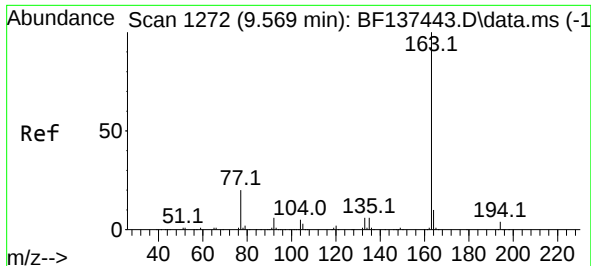
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.5 19.0 28.6

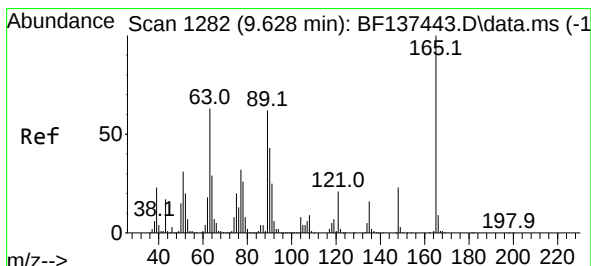
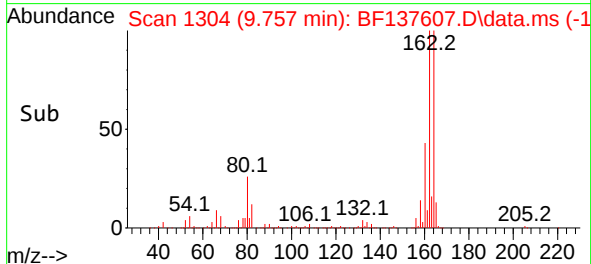
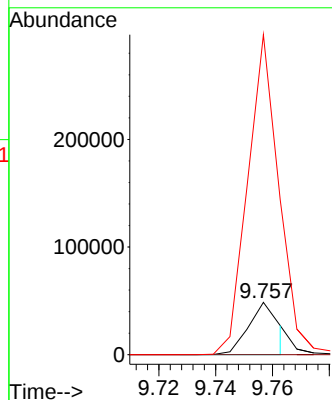
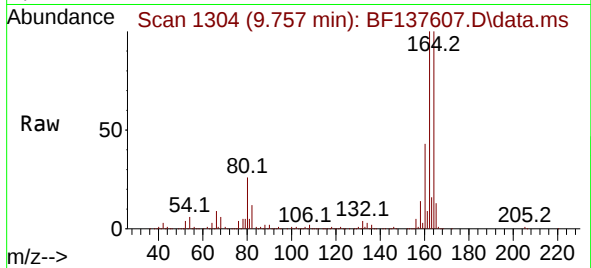




#50
Dimethylphthalate
Concen: 2.221 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.264 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

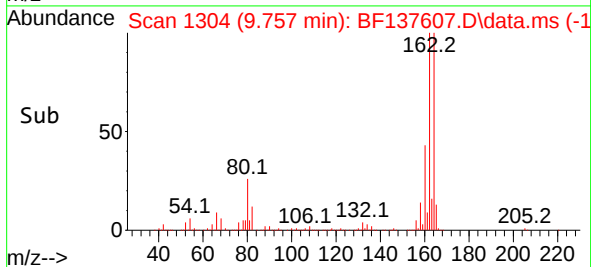
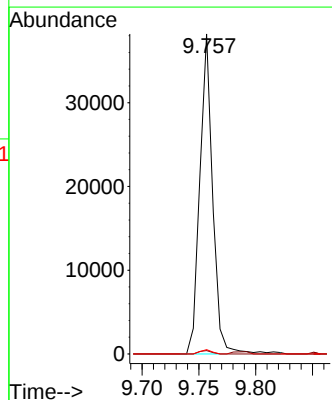
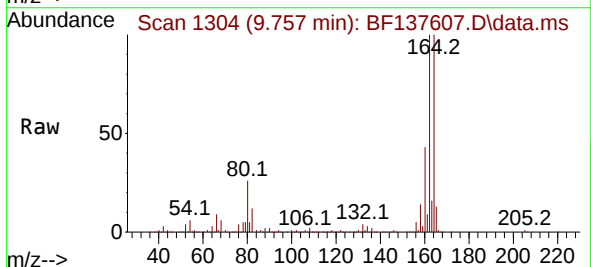
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

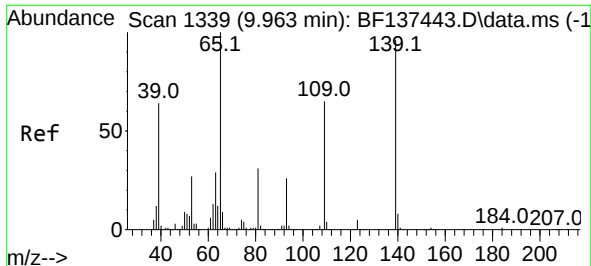
Tgt Ion:163 Resp: 35900
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 611.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.949 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

Tgt Ion:165 Resp: 30259
Ion Ratio Lower Upper
165 100
63 1.1 50.7 76.1#
89 1.3 50.0 75.0#

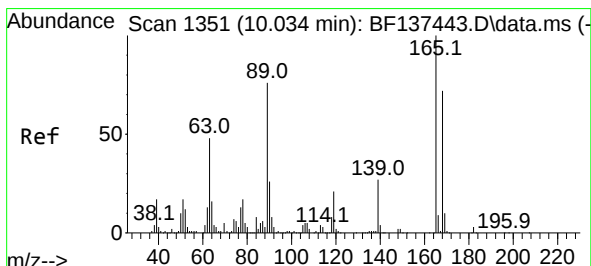
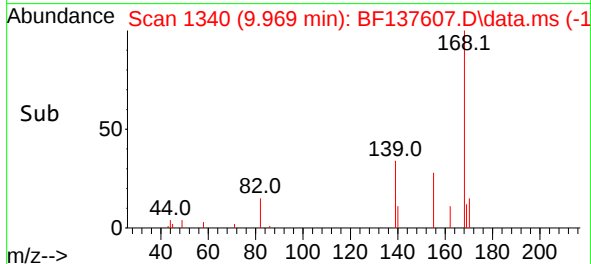
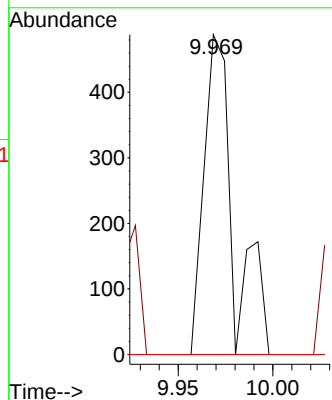
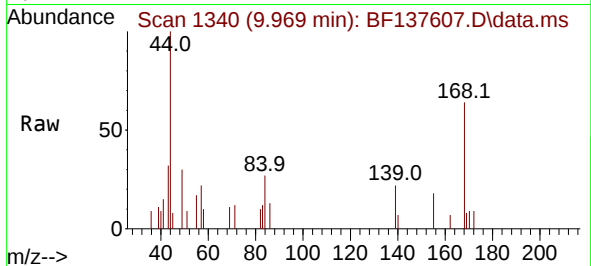




#56
4-Nitrophenol
Concen: 4.724 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

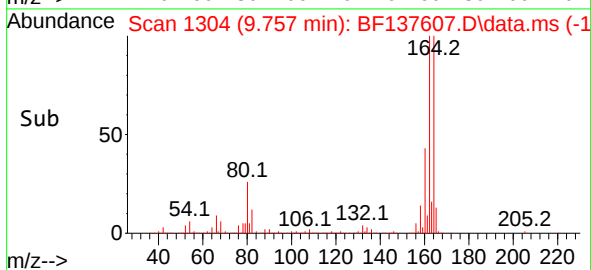
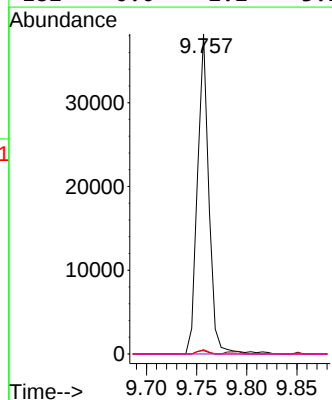
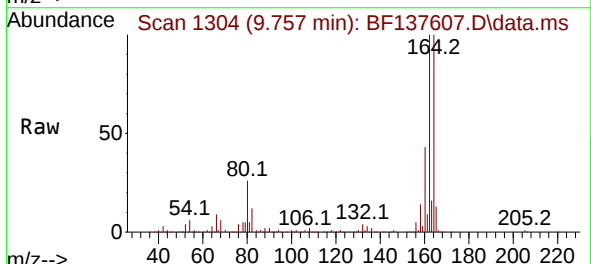
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

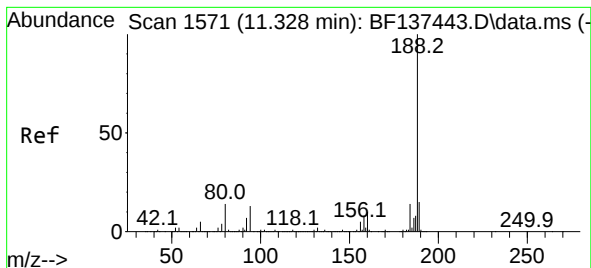
Tgt Ion:139 Resp: 532
Ion Ratio Lower Upper
139 100
109 0.0 47.1 87.1#
65 0.0 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.284 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

Tgt Ion:165 Resp: 30260
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: 11.239 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137607.D

Acq: 14 Mar 2024 23:19

Instrument :

BNA_F

ClientSampleId :

SB-06-0-2.0

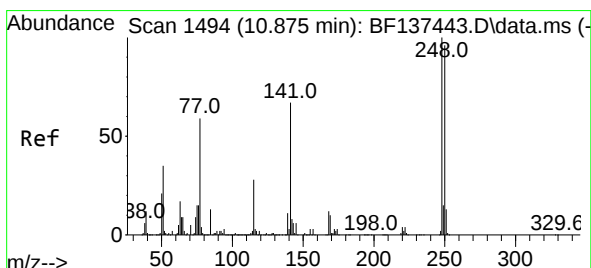
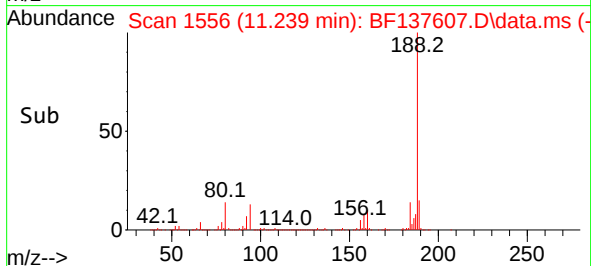
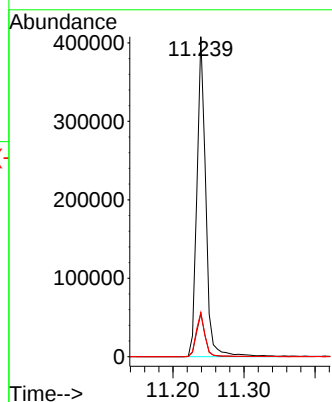
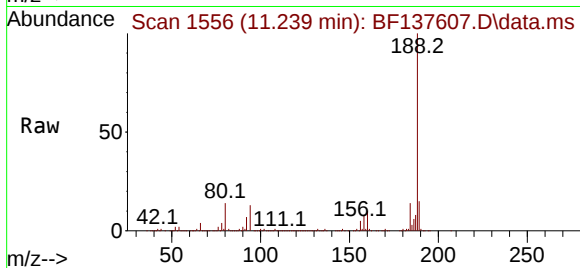
Tgt Ion:188 Resp: 353336

Ion Ratio Lower Upper

188 100

94 13.4 10.6 15.8

80 13.9 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 2.436 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.247 min

Lab File: BF137607.D

Acq: 14 Mar 2024 23:19

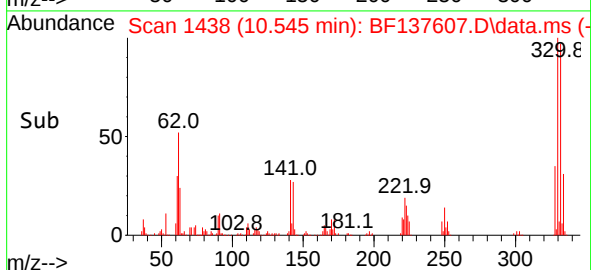
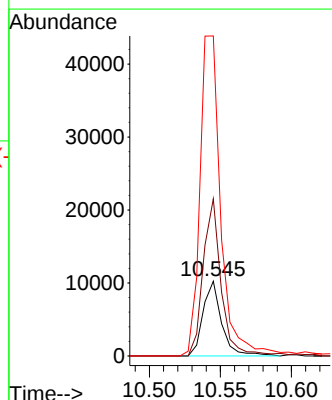
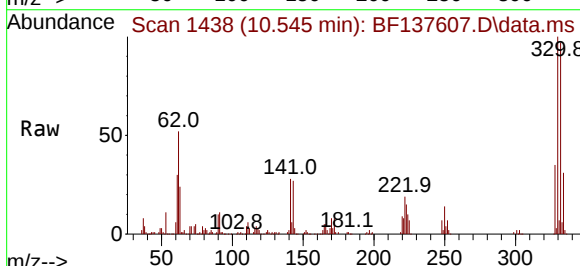
Tgt Ion:248 Resp: 9376

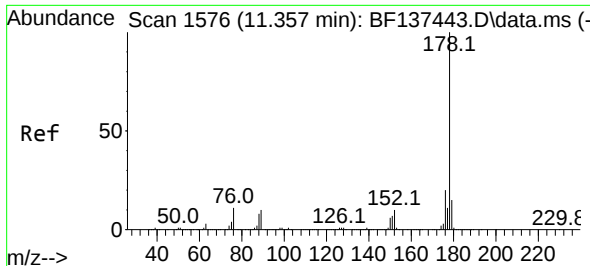
Ion Ratio Lower Upper

248 100

250 210.3 76.8 115.2#

141 428.2 53.4 80.0#

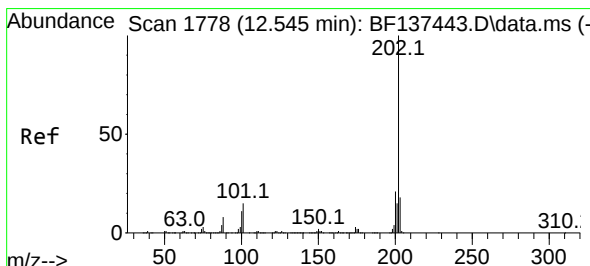
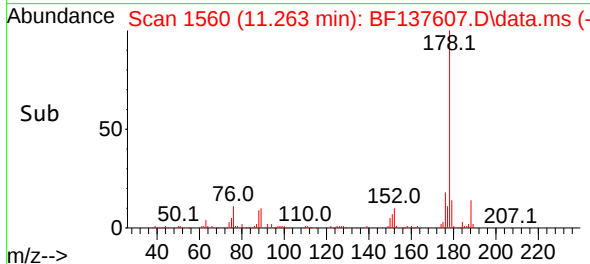
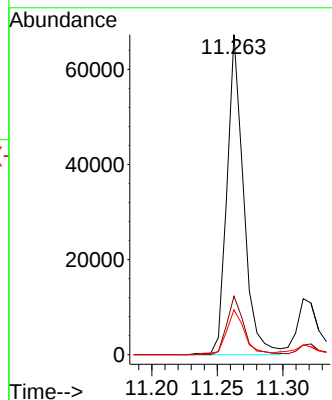
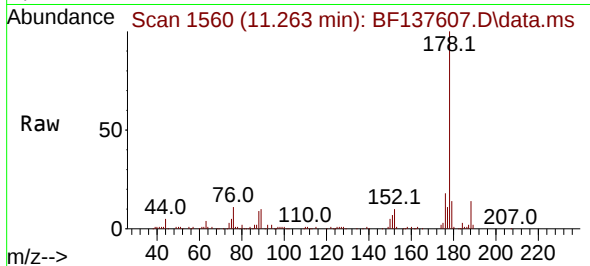




#71
Phenanthrene
Concen: 3.073 ng
RT: 11.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

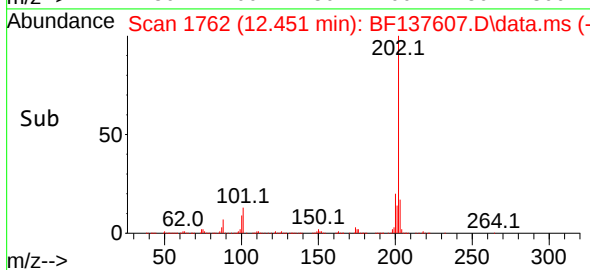
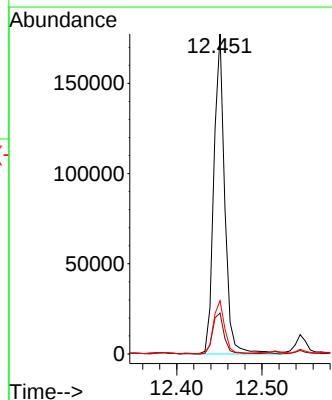
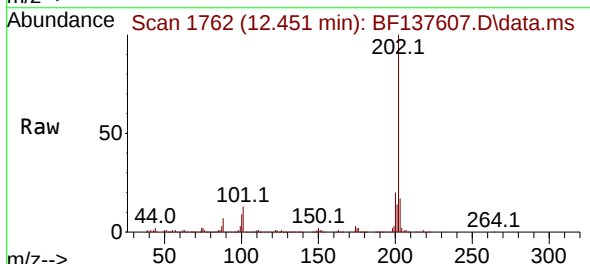
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

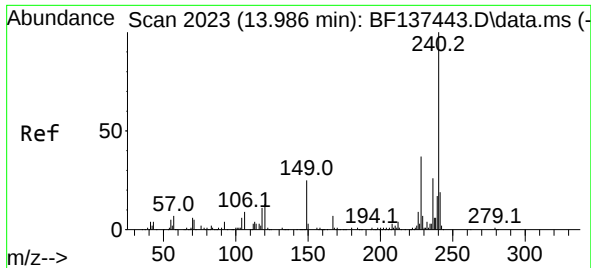
Tgt Ion:178 Resp: 59100
Ion Ratio Lower Upper
178 100
176 18.3 15.8 23.8
179 14.0 12.2 18.2



#75
Fluoranthene
Concen: 8.419 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

Tgt Ion:202 Resp: 158251
Ion Ratio Lower Upper
202 100
101 12.8 0.0 35.0
203 16.7 0.0 37.7

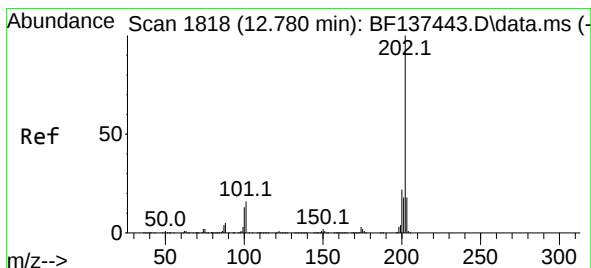
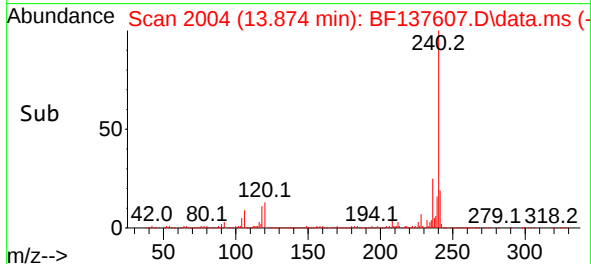
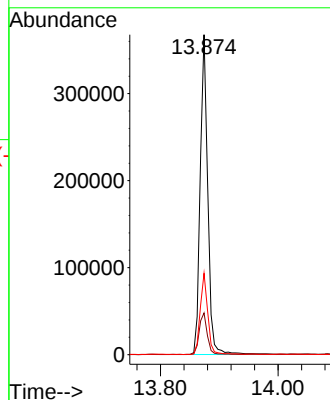
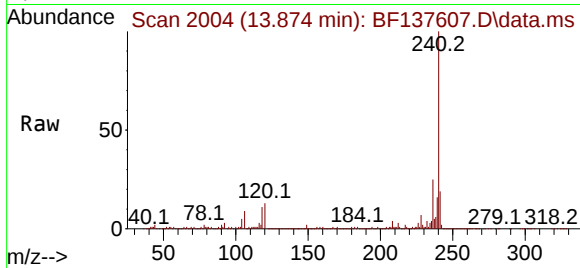




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

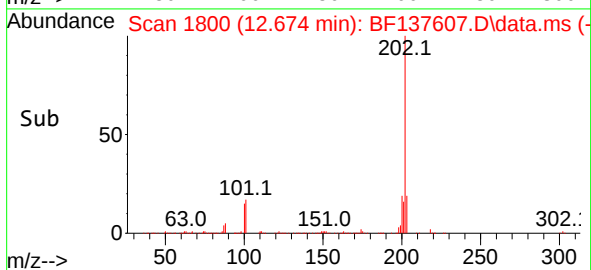
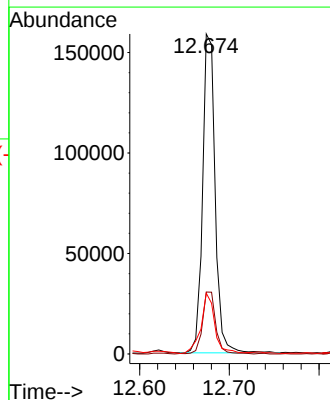
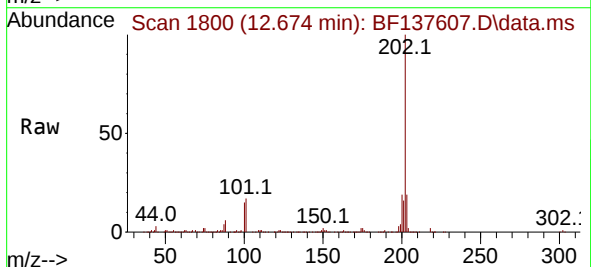
Instrument :
BNA_F
ClientSampleId :
SB-06-0-2.0

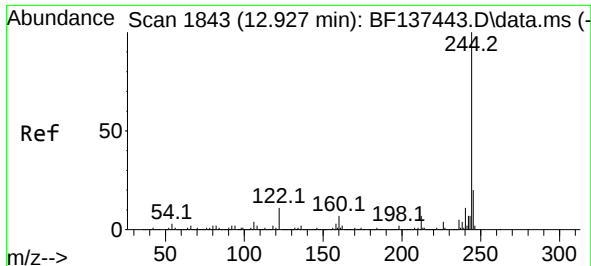
Tgt Ion:240 Resp: 328390
Ion Ratio Lower Upper
240 100
120 13.1 10.4 15.6
236 25.4 20.9 31.3



#78
Pyrene
Concen: 4.781 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF137607.D
Acq: 14 Mar 2024 23:19

Tgt Ion:202 Resp: 154043
Ion Ratio Lower Upper
202 100
200 19.4 17.4 26.2
203 19.0 14.1 21.1

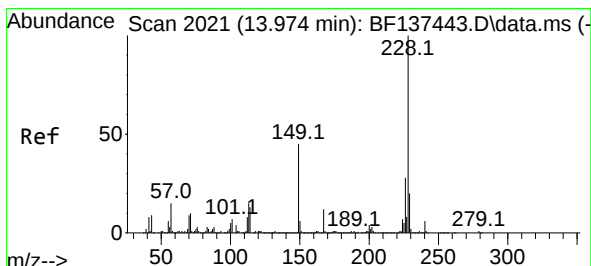
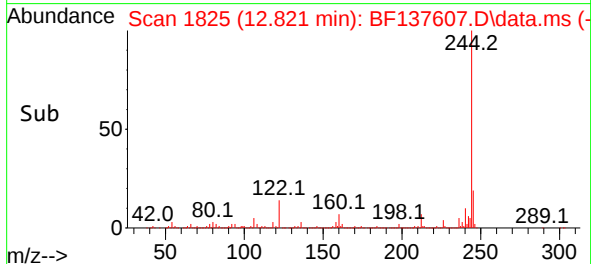
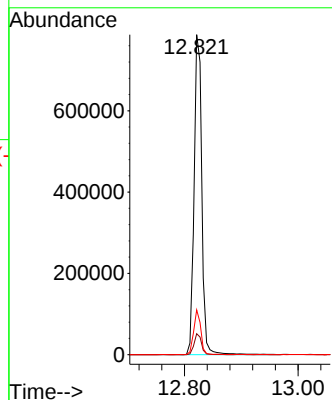
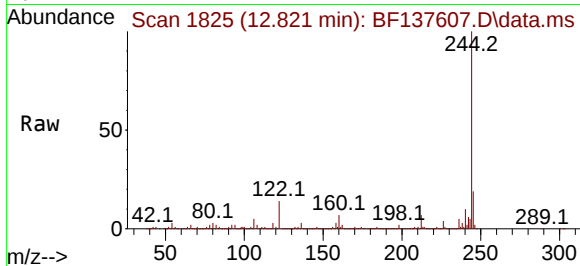




#79
 Terphenyl-d14
 Concen: 31.128 ng
 RT: 12.821 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137607.D
 Acq: 14 Mar 2024 23:19

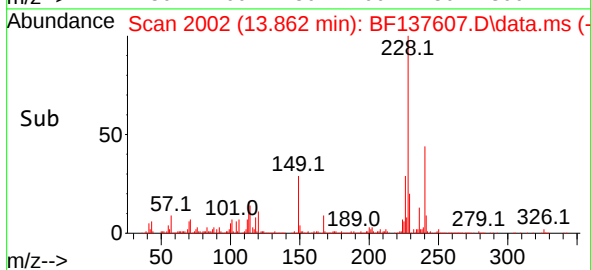
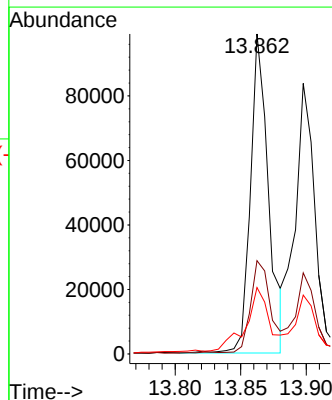
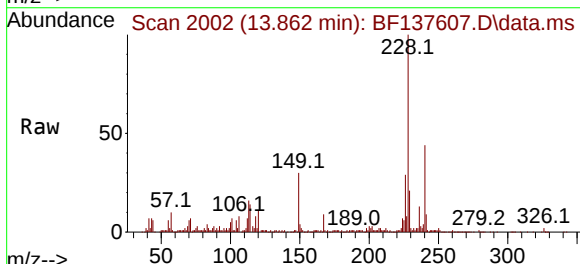
Instrument :
 BNA_F
 ClientSampleId :
 SB-06-0-2.0

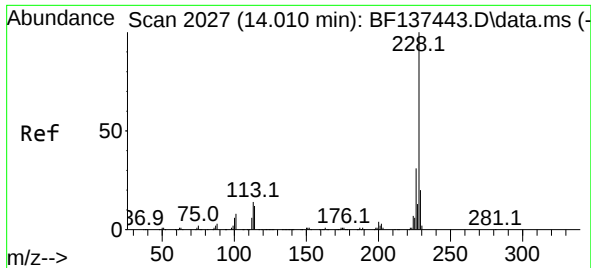
Tgt Ion:244 Resp: 743376
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 14.0 9.1 13.7#



#81
 Benzo(a)anthracene
 Concen: 4.123 ng
 RT: 13.862 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: BF137607.D
 Acq: 14 Mar 2024 23:19

Tgt Ion:228 Resp: 94891
 Ion Ratio Lower Upper
 228 100
 226 29.2 22.3 33.5
 229 20.7 16.3 24.5





#83

Chrysene

Concen: 3.823 ng

RT: 13.898 min Scan# 2000

Delta R.T. -0.006 min

Lab File: BF137607.D

Acq: 14 Mar 2024 23:19

Instrument :

BNA_F

ClientSampleId :

SB-06-0-2.0

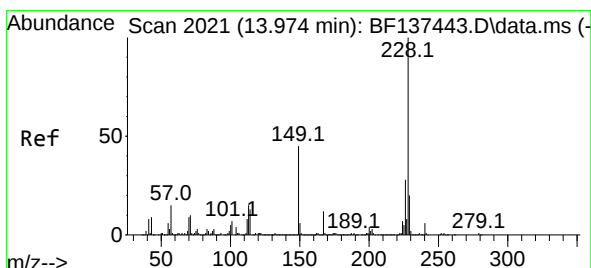
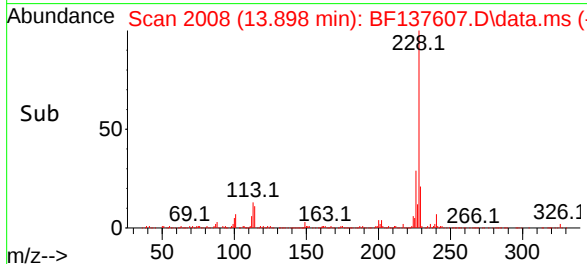
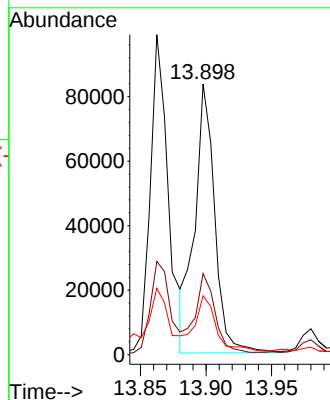
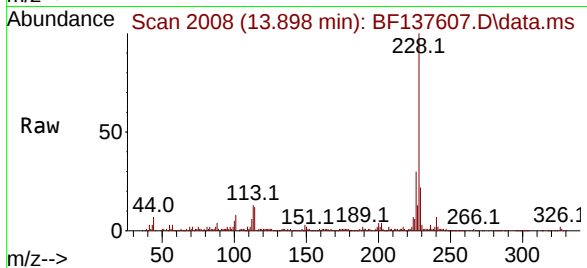
Tgt Ion:228 Resp: 88922

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

229 21.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.683 ng

RT: 13.862 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF137607.D

Acq: 14 Mar 2024 23:19

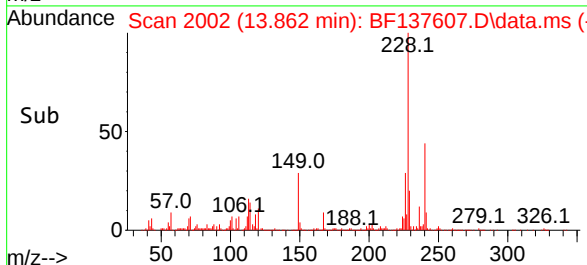
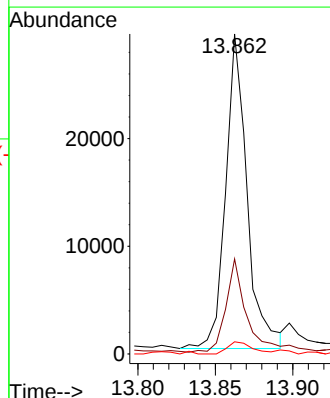
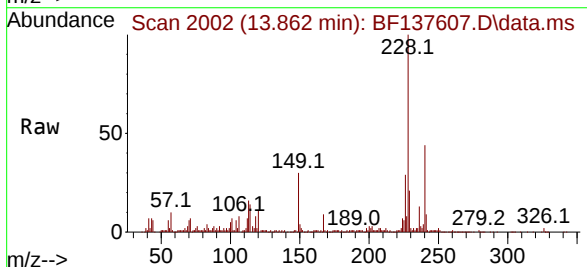
Tgt Ion:149 Resp: 28063

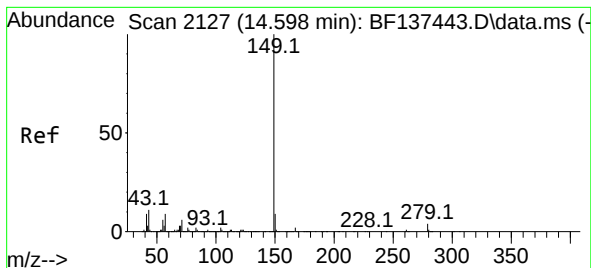
Ion Ratio Lower Upper

149 100

167 29.7 21.3 31.9

279 3.8 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 5.718 ng

RT: 14.480 min Scan# 2127

Delta R.T. 0.006 min

Lab File: BF137607.D

Acq: 14 Mar 2024 23:19

Instrument :

BNA_F

ClientSampleId :

SB-06-0-2.0

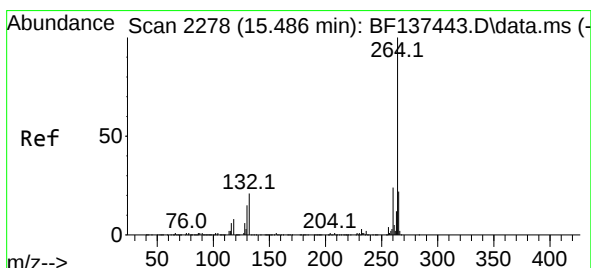
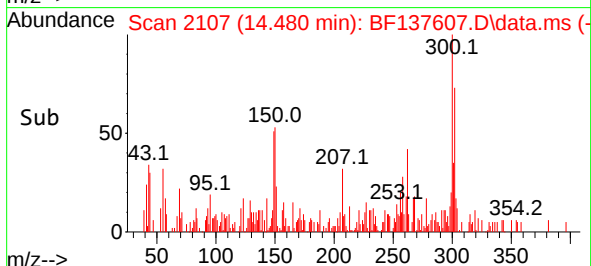
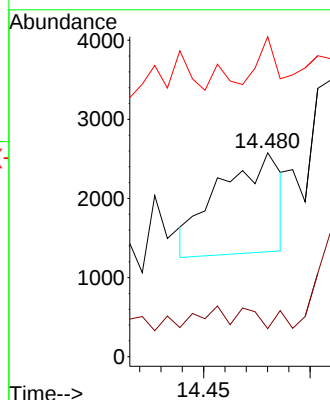
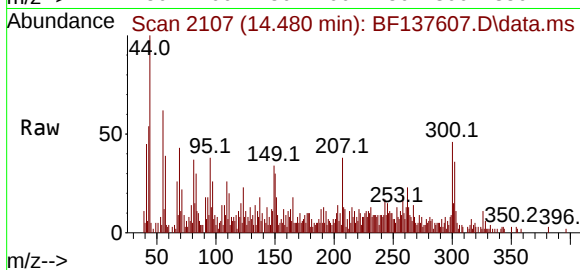
Tgt Ion:149 Resp: 2529

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 14.0 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.000 min

Lab File: BF137607.D

Acq: 14 Mar 2024 23:19

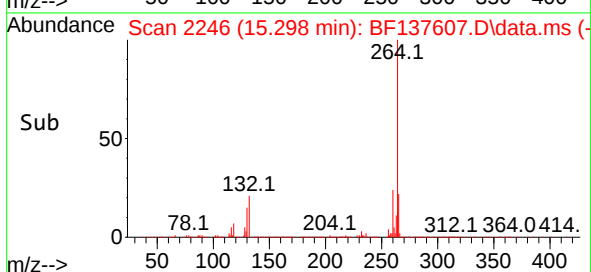
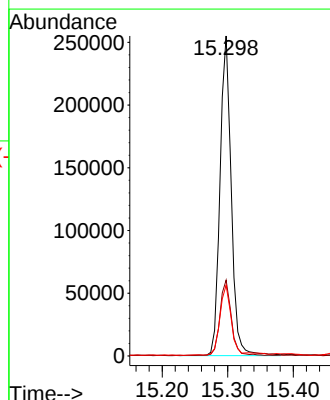
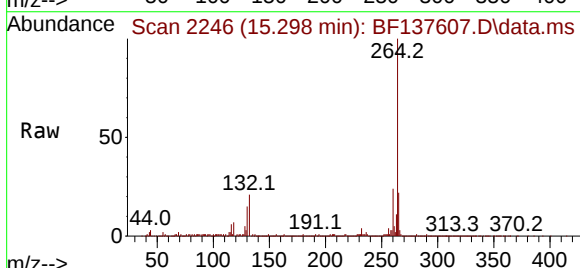
Tgt Ion:264 Resp: 300694

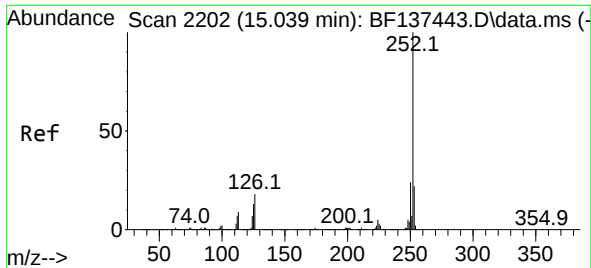
Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 22.1 17.4 26.0





#88

Benzo(b)fluoranthene

Concen: 8.223 ng

RT: 14.892 min Scan# 2177

Delta R.T. -0.000 min

Lab File: BF137607.D

Acq: 14 Mar 2024 23:19

Instrument :

BNA_F

ClientSampleId :

SB-06-0-2.0

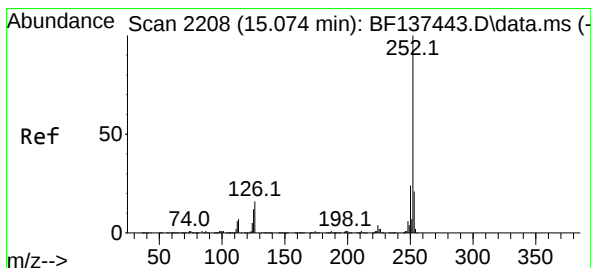
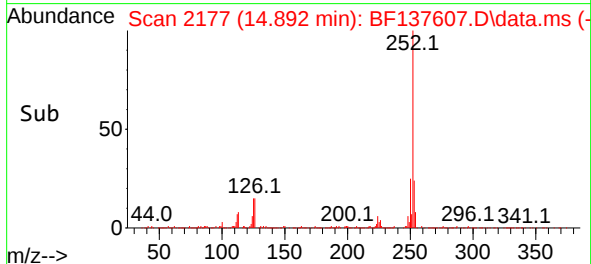
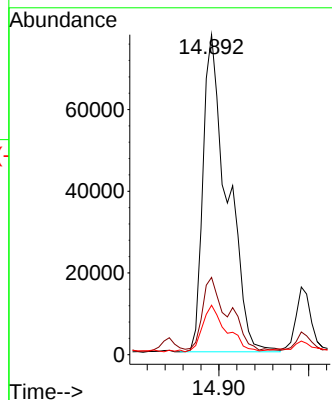
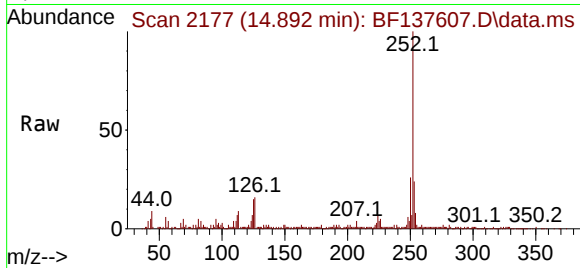
Tgt Ion:252 Resp: 146260

Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.8

125 15.5 10.1 15.1#



#89

Benzo(k)fluoranthene

Concen: 7.656 ng

RT: 14.892 min Scan# 2177

Delta R.T. -0.030 min

Lab File: BF137607.D

Acq: 14 Mar 2024 23:19

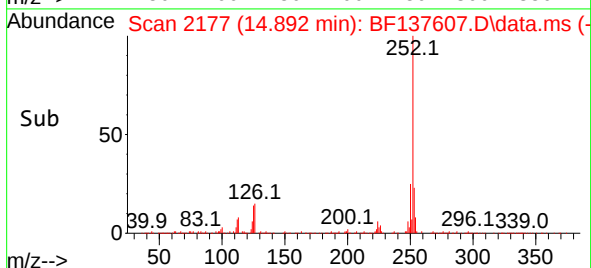
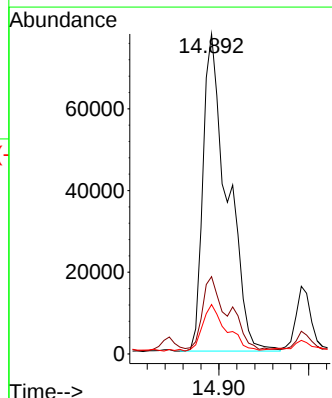
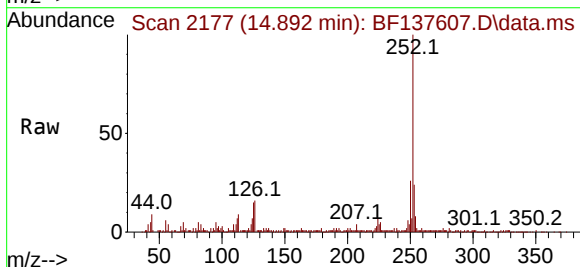
Tgt Ion:252 Resp: 146260

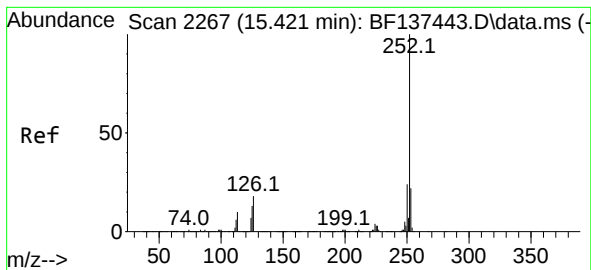
Ion Ratio Lower Upper

252 100

253 24.1 17.3 25.9

125 15.5 9.6 14.4#





#90

Benzo(a)pyrene

Concen: 4.103 ng

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137607.D

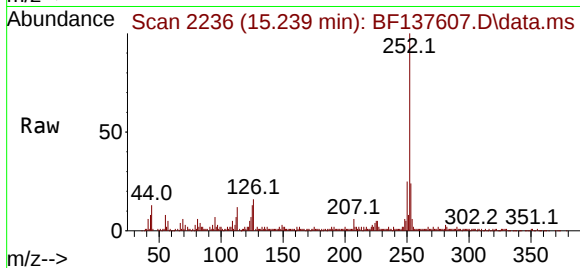
Acq: 14 Mar 2024 23:19

Instrument :

BNA_F

ClientSampleId :

SB-06-0-2.0



Tgt Ion:252 Resp: 71927

Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.2

125 12.9 10.4 15.6

