

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
 Data File : BF137761.D
 Acq On : 29 Apr 2024 21:41
 Operator : CG\JU
 Sample : P2294-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 03:09:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

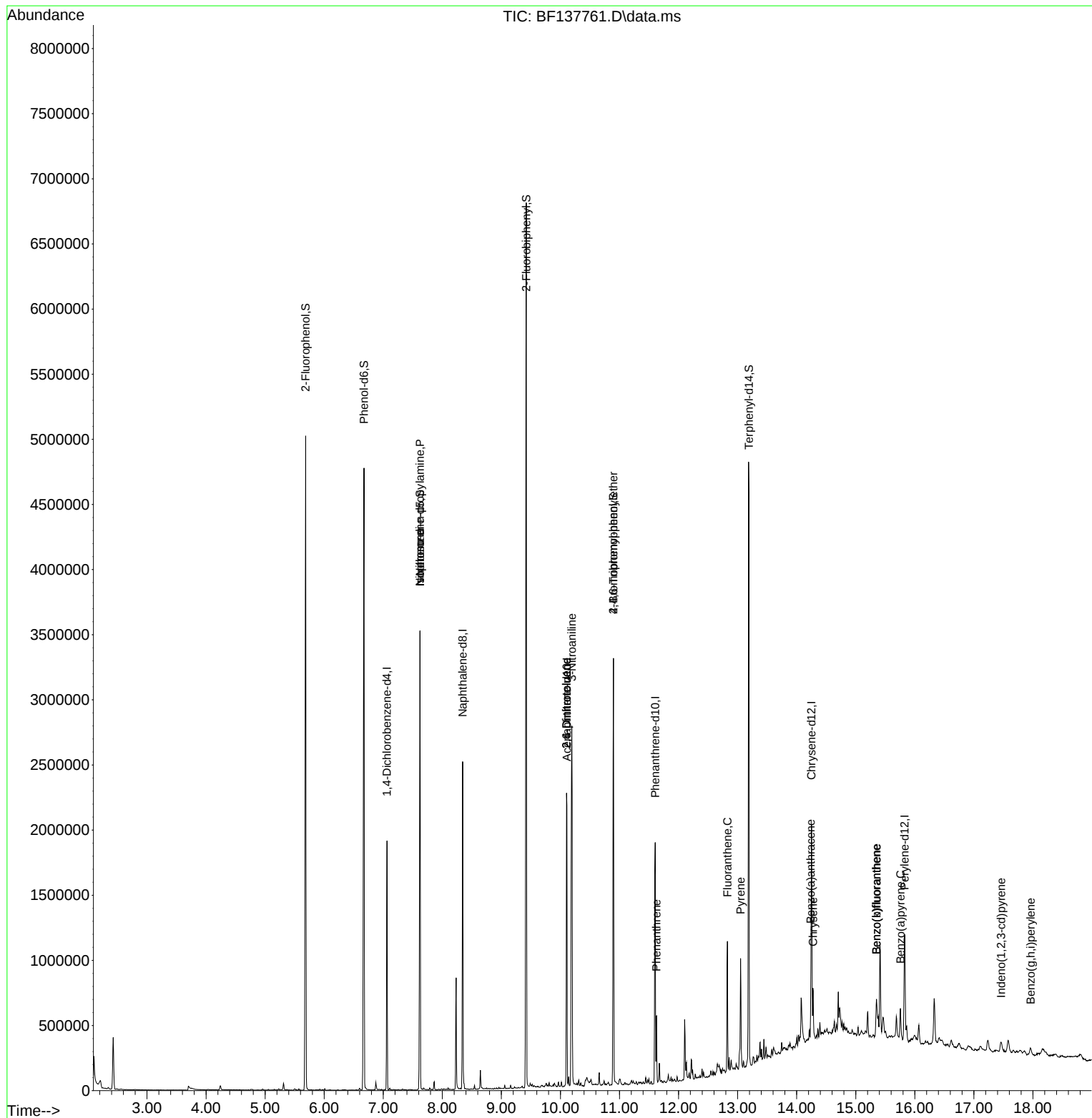
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	253093	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	963880	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	479649	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	664882	20.000	ng	0.00
76) Chrysene-d12	14.251	240	475984	20.000	ng	0.00
86) Perylene-d12	15.827	264	390378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1376636	82.624	ng	0.00
7) Phenol-d6	6.675	99	1711349	80.884	ng	0.00
23) Nitrobenzene-d5	7.622	82	1046637	57.641	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	389351	80.444	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2056546	64.066	ng	0.00
79) Terphenyl-d14	13.192	244	1668151	56.409	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.622	70	140739	10.287	ng	# 76
25) Isophorone	7.622	82	1046618	31.035	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	65628	9.321	ng	# 23
53) 3-Nitroaniline	10.192	138	26703	3.375	ng	# 6
57) 2,4-Dinitrotoluene	10.104	165	65703	7.402	ng	# 25
67) 4-Bromophenyl-phenylether	10.898	248	25197	3.271	ng	# 1
71) Phenanthrene	11.627	178	194827	5.536	ng	97
75) Fluoranthene	12.827	202	365698	9.885	ng	97
78) Pyrene	13.051	202	327575	8.385	ng	98
81) Benzo(a)anthracene	14.239	228	173429	5.224	ng	99
83) Chrysene	14.280	228	161820	5.217	ng	96
87) Indeno(1,2,3-cd)pyrene	17.462	276	59693	2.758	ng	96
88) Benzo(b)fluoranthene	15.351	252	236568	9.470	ng	99
89) Benzo(k)fluoranthene	15.351	252	236568	9.634	ng	99
90) Benzo(a)pyrene	15.756	252	115413	5.150	ng	98
92) Benzo(g,h,i)perylene	17.962	276	54772	3.136	ng	97

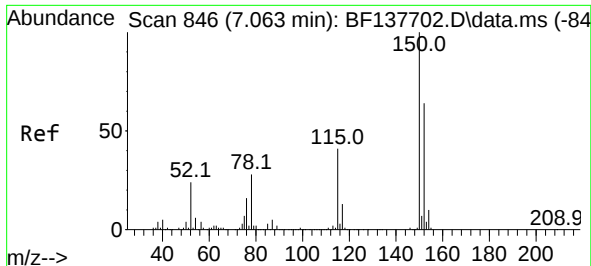
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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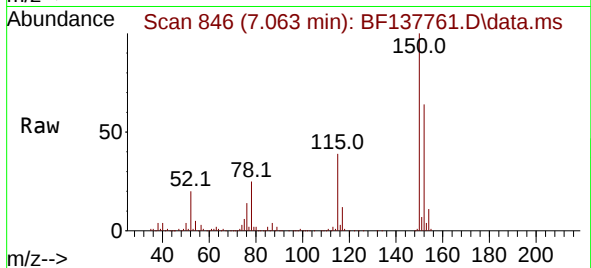
Quant Time: Apr 30 03:09:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
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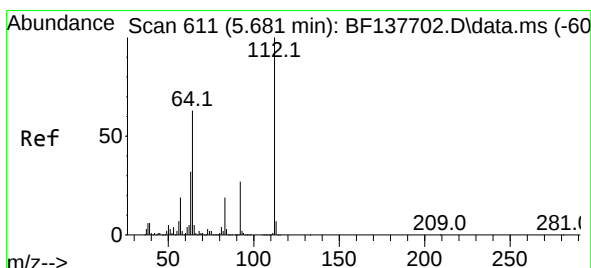
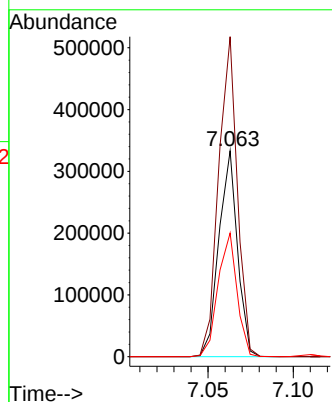
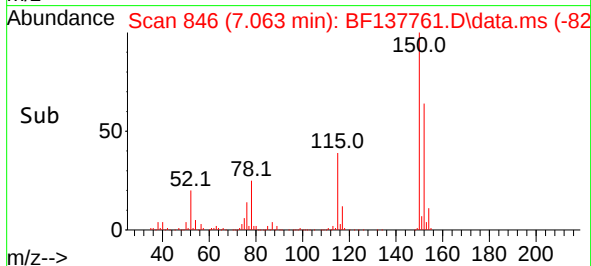


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF137761.D
Acq: 29 Apr 2024 21:41

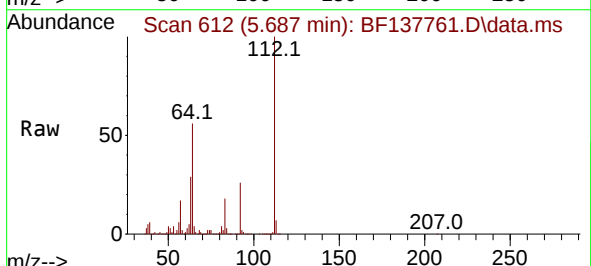
Instrument :
BNA_F
ClientSampleId :



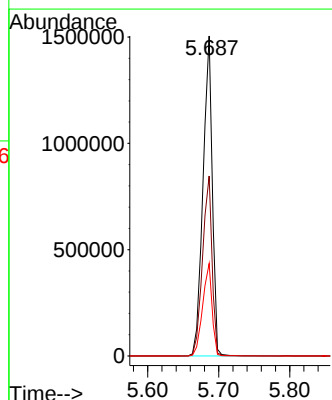
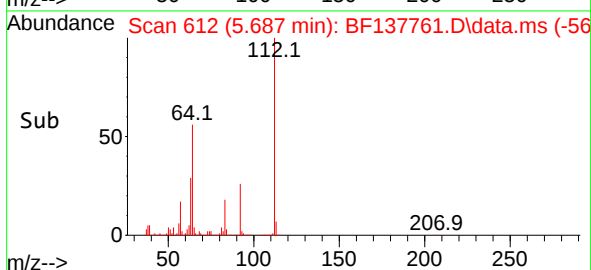
Tgt Ion:152 Resp: 253093
Ion Ratio Lower Upper
152 100
150 155.4 124.2 186.4
115 60.1 50.8 76.2



#5
2-Fluorophenol
Concen: 82.624 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.006 min
Lab File: BF137761.D
Acq: 29 Apr 2024 21:41



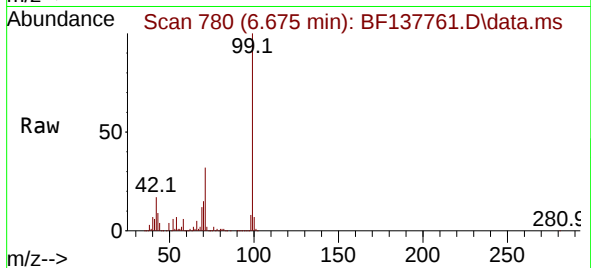
Tgt Ion:112 Resp: 1376636
Ion Ratio Lower Upper
112 100
64 56.3 50.1 75.1
63 28.9 25.2 37.8





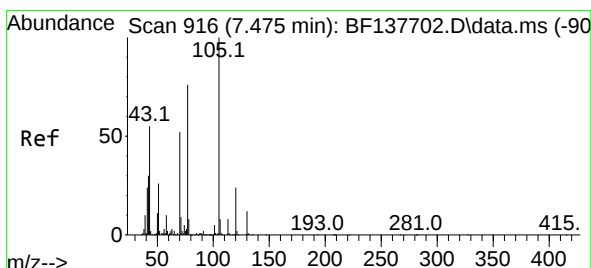
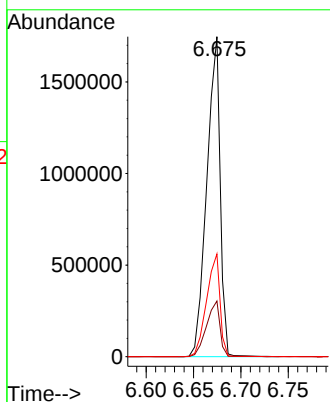
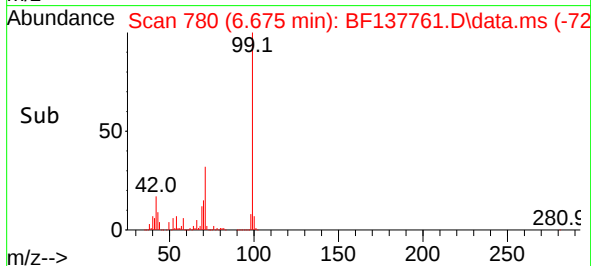
#7
Phenol-d6
Concen: 80.884 ng
RT: 6.675 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137761.D
Acq: 29 Apr 2024 21:41

Instrument :
BNA_F
ClientSampleId :

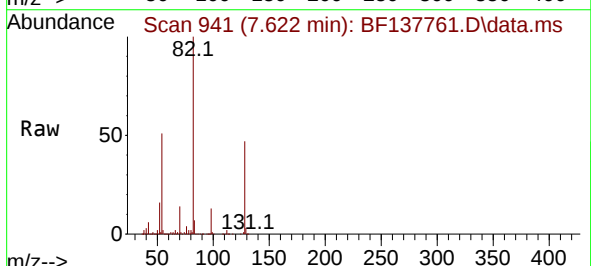


Tgt Ion: 99 Resp: 1711349

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.0	22.4
71	32.1	25.7	38.5

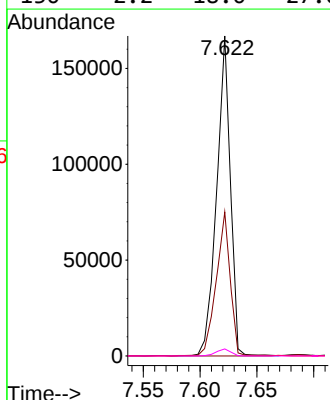
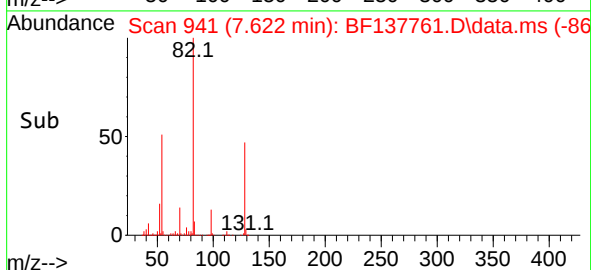


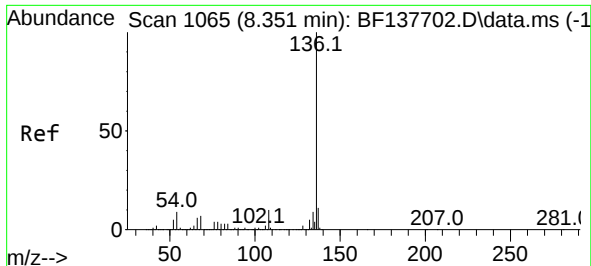
#19
n-Nitroso-di-n-propylamine
Concen: 10.287 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.147 min
Lab File: BF137761.D
Acq: 29 Apr 2024 21:41



Tgt Ion: 70 Resp: 140739

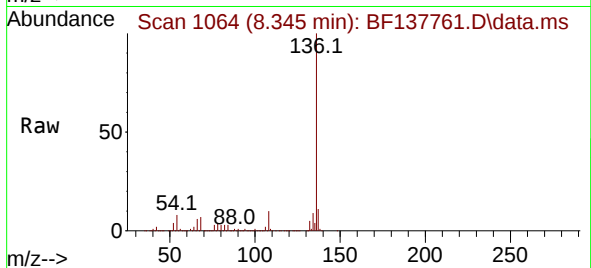
Ion	Ratio	Lower	Upper
70	100		
42	45.0	45.9	68.9#
101	0.0	8.0	12.0#
130	2.2	18.0	27.0#





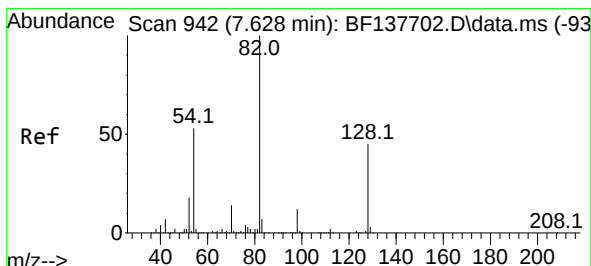
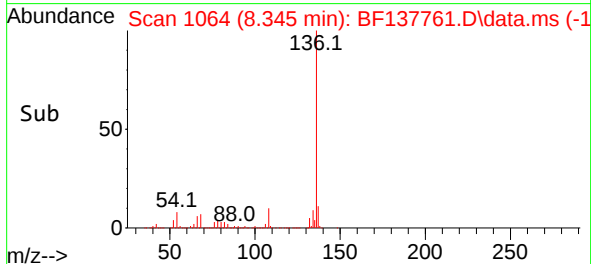
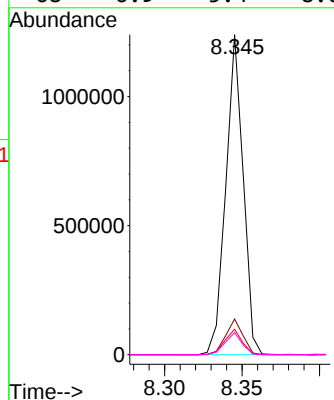
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137761.D
Acq: 29 Apr 2024 21:41

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 963880

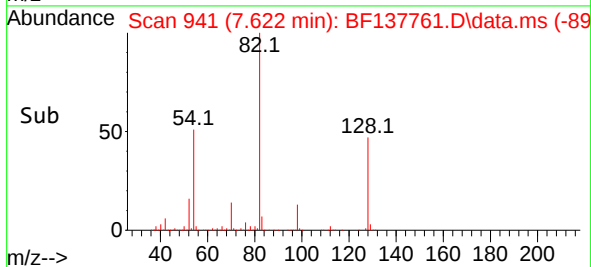
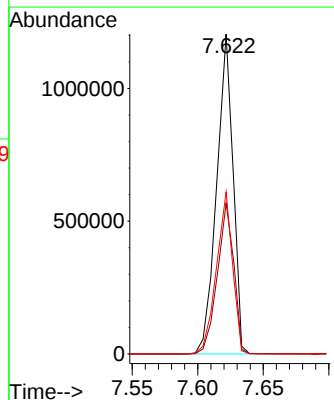
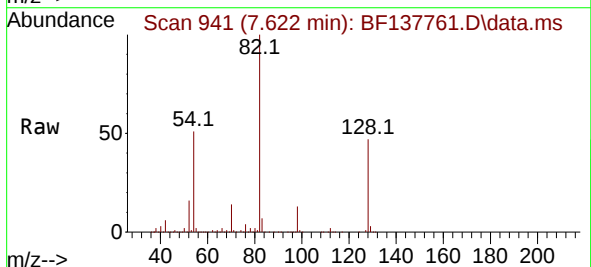
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.0	6.9	10.3
68	6.9	5.4	8.0

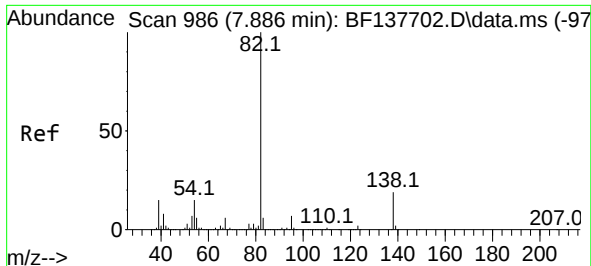


#23
Nitrobenzene-d5
Concen: 57.641 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137761.D
Acq: 29 Apr 2024 21:41

Tgt Ion: 82 Resp: 1046637

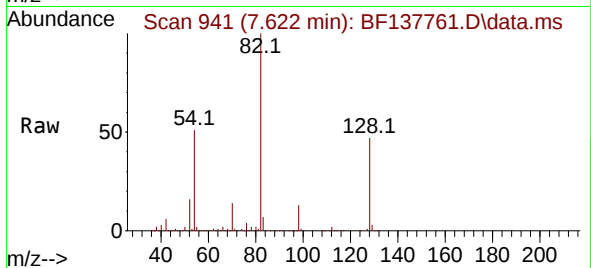
Ion	Ratio	Lower	Upper
82	100		
128	47.1	35.8	53.6
54	50.6	42.5	63.7



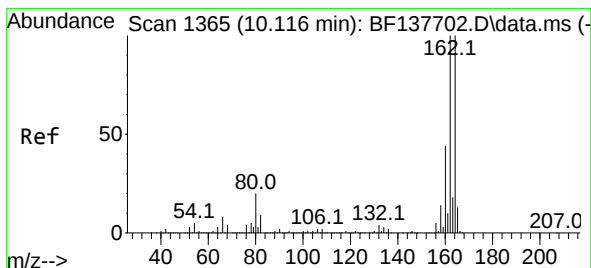
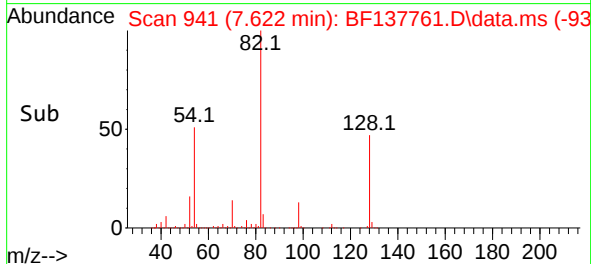
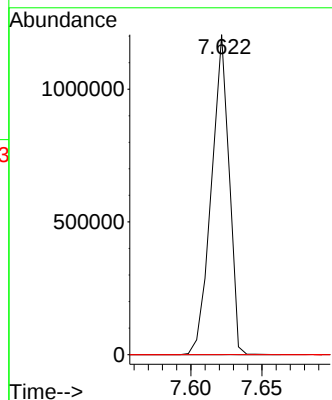


#25
Isophorone
Concen: 31.035 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.265 min
Lab File: BF137761.D
Acq: 29 Apr 2024 21:41

Instrument :
BNA_F
ClientSampleId :

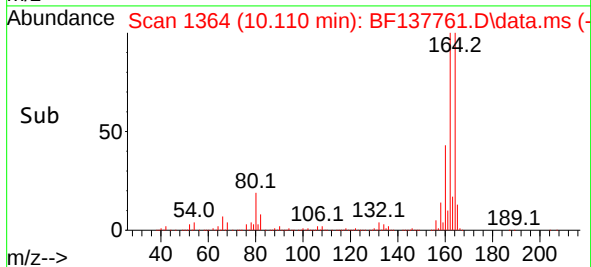
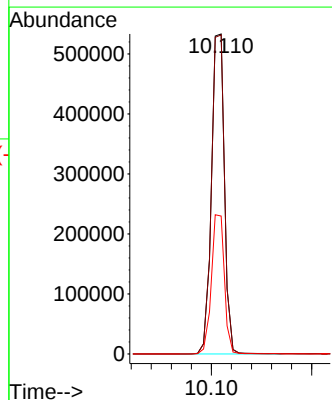
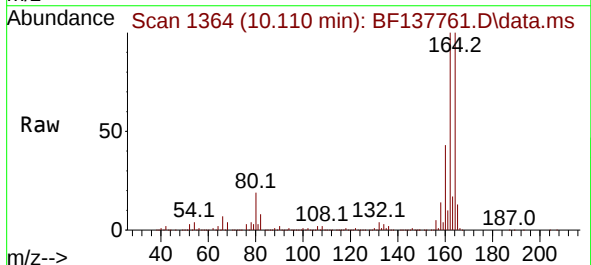


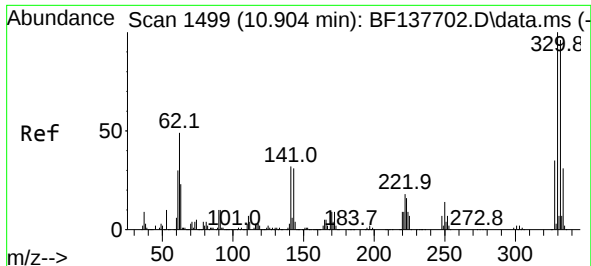
Tgt Ion: 82 Resp: 1046618
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF137761.D
Acq: 29 Apr 2024 21:41

Tgt Ion:164 Resp: 479649
Ion Ratio Lower Upper
164 100
162 99.7 80.3 120.5
160 43.1 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 80.444 ng

RT: 10.898 min Scan# 1499

Delta R.T. -0.006 min

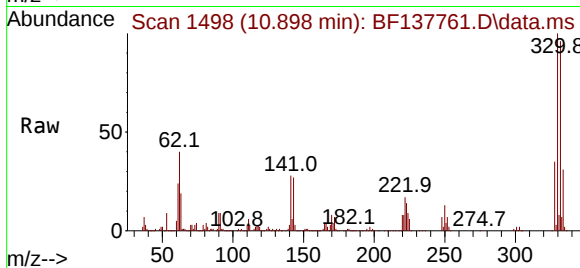
Lab File: BF137761.D

Acq: 29 Apr 2024 21:41

Instrument :

BNA_F

ClientSampleId :



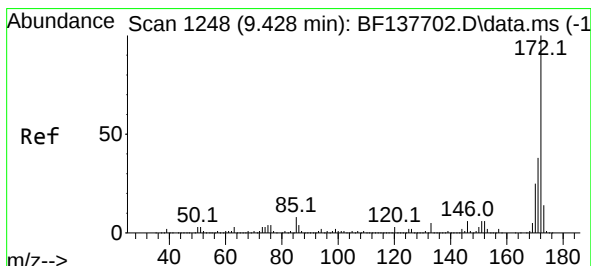
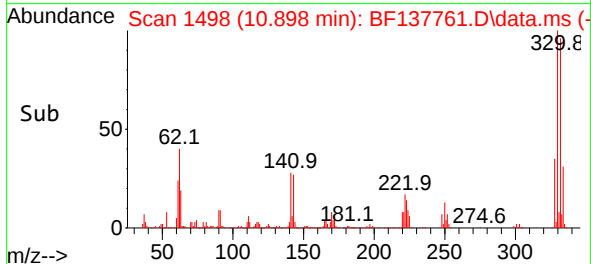
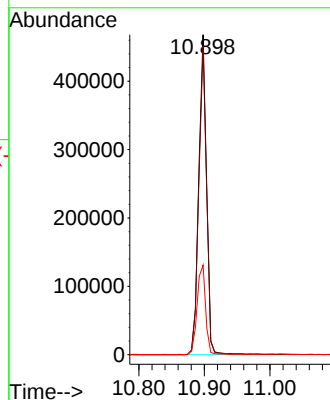
Tgt Ion:330 Resp: 389351

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

141 30.4 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 64.066 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137761.D

Acq: 29 Apr 2024 21:41

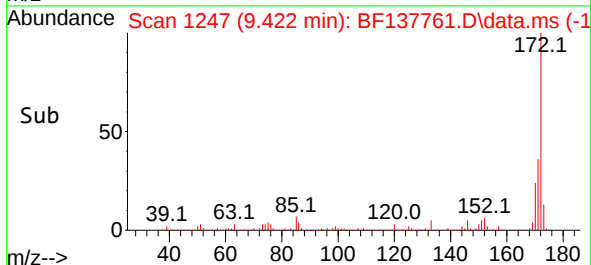
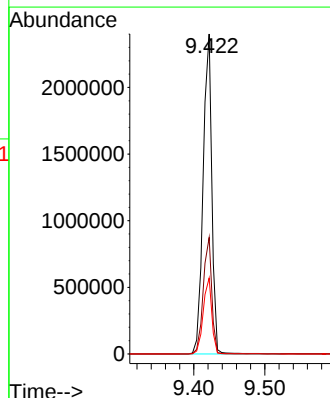
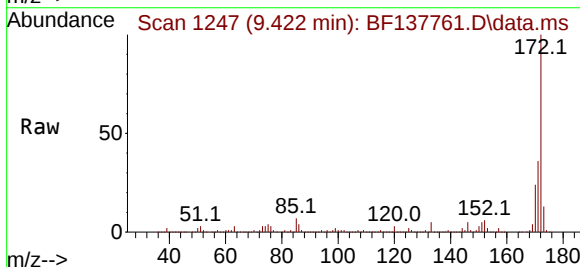
Tgt Ion:172 Resp: 2056546

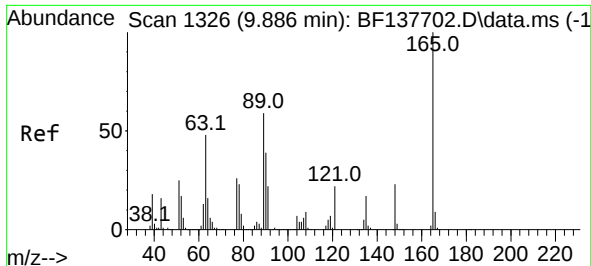
Ion Ratio Lower Upper

172 100

171 36.4 30.2 45.4

170 23.8 20.2 30.4





#51

2,6-Dinitrotoluene

Concen: 9.321 ng

RT: 10.104 min Scan# 1

Delta R.T. 0.218 min

Lab File: BF137761.D

Acq: 29 Apr 2024 21:41

Instrument :

BNA_F

ClientSampleId :

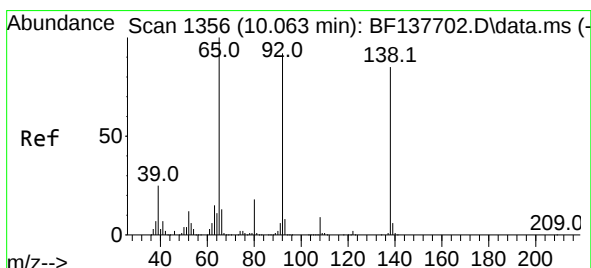
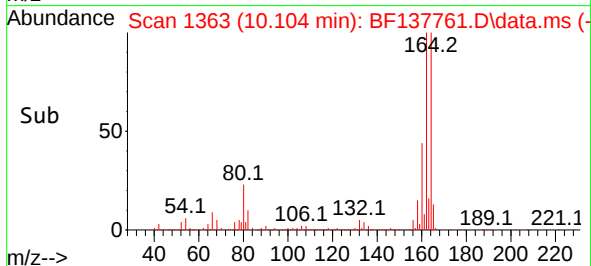
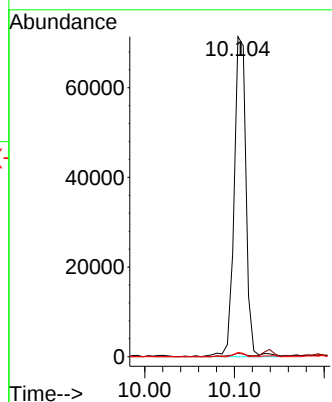
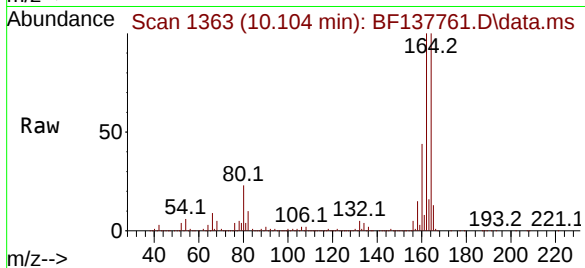
Tgt Ion:165 Resp: 65628

Ion Ratio Lower Upper

165 100

63 1.1 47.7 71.5#

89 1.3 47.3 70.9#



#53

3-Nitroaniline

Concen: 3.375 ng

RT: 10.192 min Scan# 1378

Delta R.T. 0.129 min

Lab File: BF137761.D

Acq: 29 Apr 2024 21:41

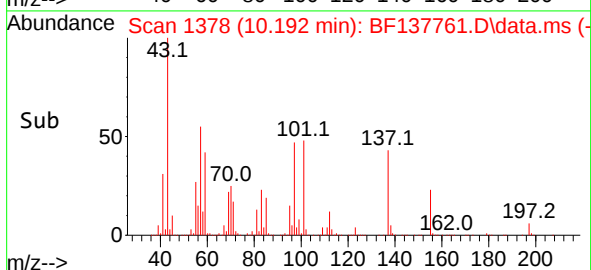
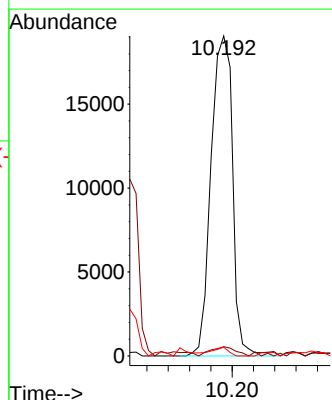
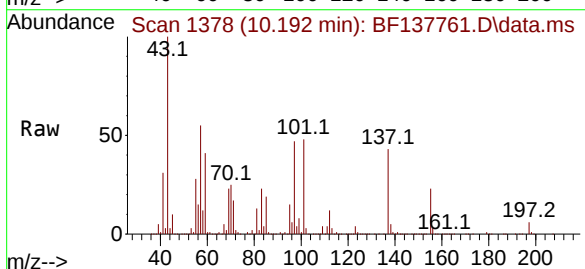
Tgt Ion:138 Resp: 26703

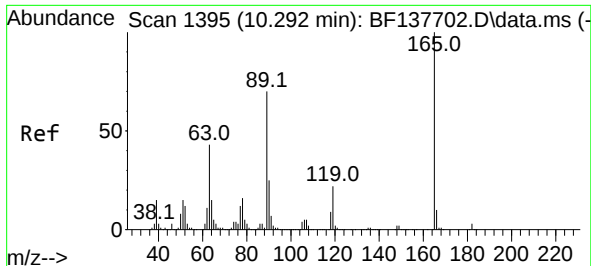
Ion Ratio Lower Upper

138 100

108 2.9 8.3 12.5#

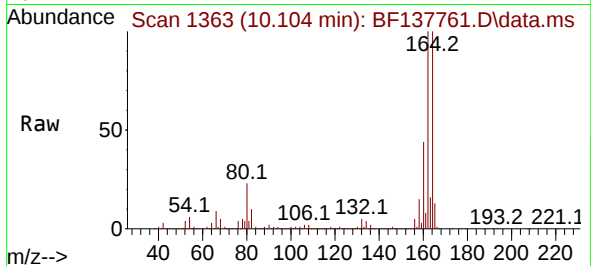
92 2.7 86.9 130.3#



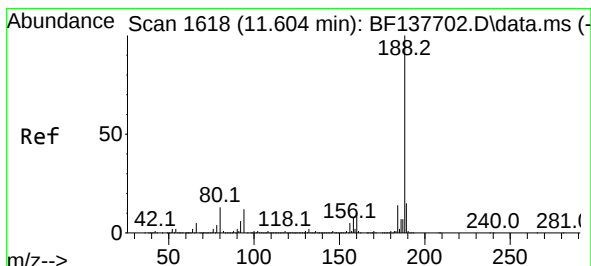
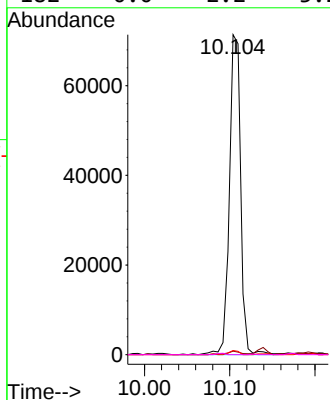
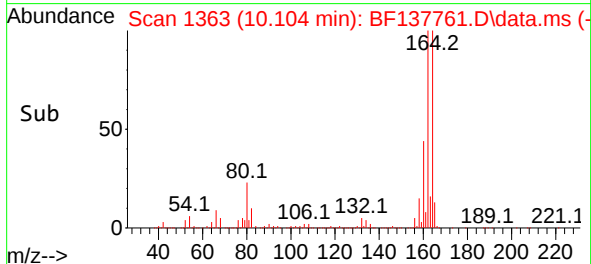


#57
2,4-Dinitrotoluene
Concen: 7.402 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.188 min
Lab File: BF137761.D
Acq: 29 Apr 2024 21:41

Instrument :
BNA_F
ClientSampleId :

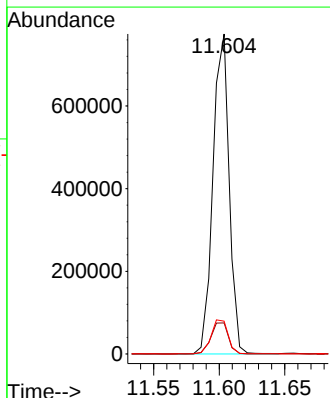
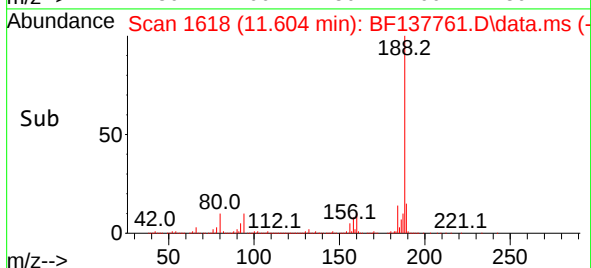
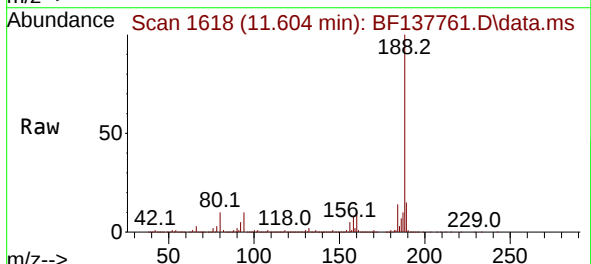


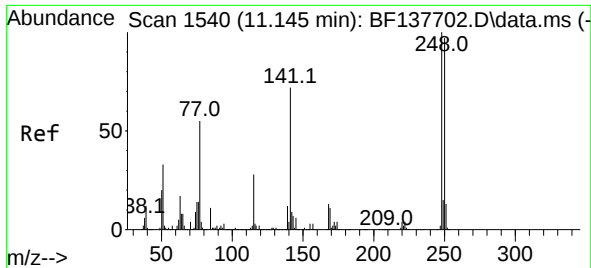
Tgt Ion:165 Resp: 65703
Ion Ratio Lower Upper
165 100
63 1.1 34.1 51.1#
89 1.3 56.4 84.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.604 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF137761.D
Acq: 29 Apr 2024 21:41

Tgt Ion:188 Resp: 664882
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 10.3 10.2 15.4

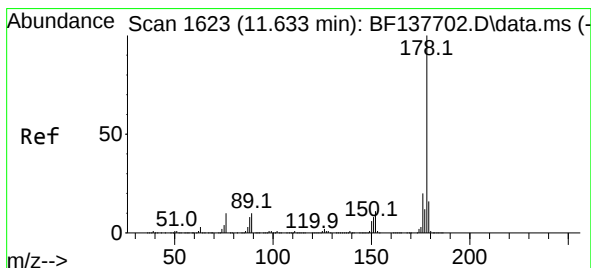
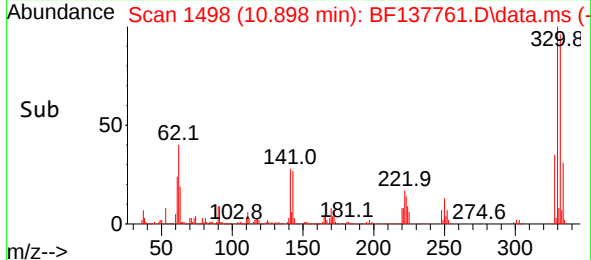
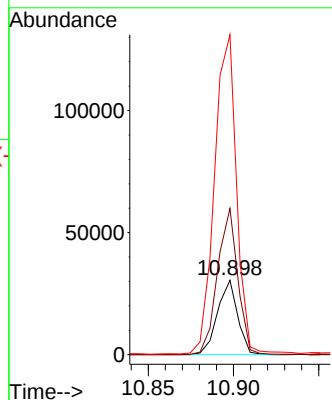
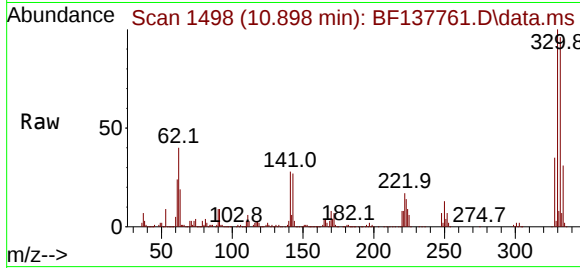




#67
4-Bromophenyl-phenylether
Concen: 3.271 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.247 min
Lab File: BF137761.D
Acq: 29 Apr 2024 21:41

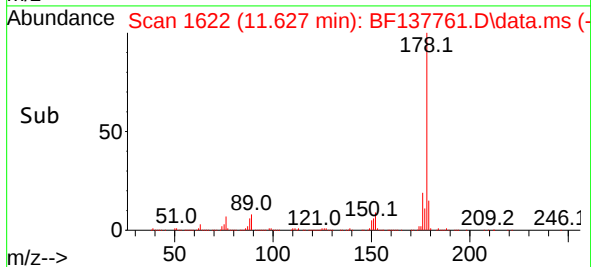
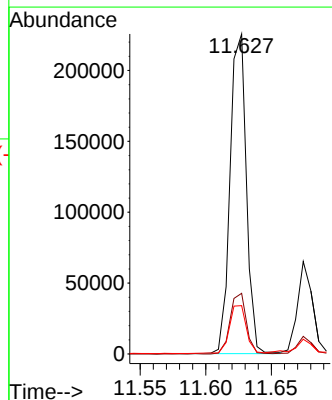
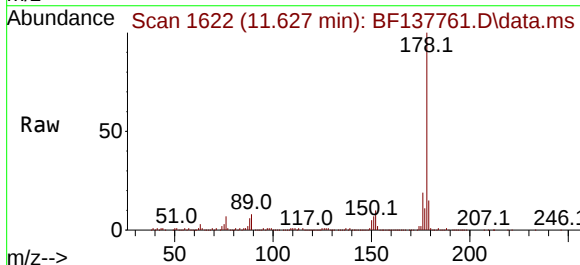
Instrument :
BNA_F
ClientSampleId :

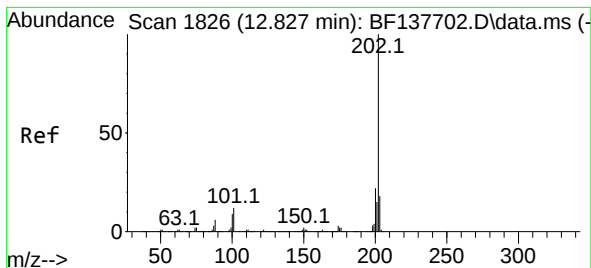
Tgt Ion:248 Resp: 25197
Ion Ratio Lower Upper
248 100
250 196.4 77.4 116.0#
141 429.9 57.9 86.9#



#71
Phenanthrene
Concen: 5.536 ng
RT: 11.627 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF137761.D
Acq: 29 Apr 2024 21:41

Tgt Ion:178 Resp: 194827
Ion Ratio Lower Upper
178 100
176 19.0 16.4 24.6
179 15.1 12.8 19.2





#75

Fluoranthene

Concen: 9.885 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BF137761.D

Acq: 29 Apr 2024 21:41

Instrument :

BNA_F

ClientSampleId :

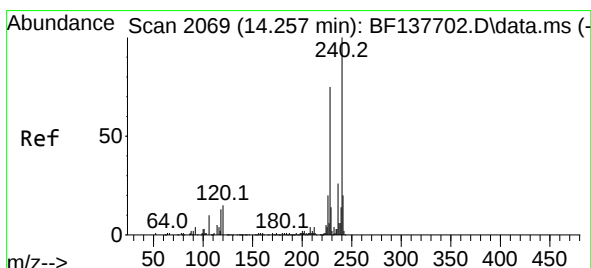
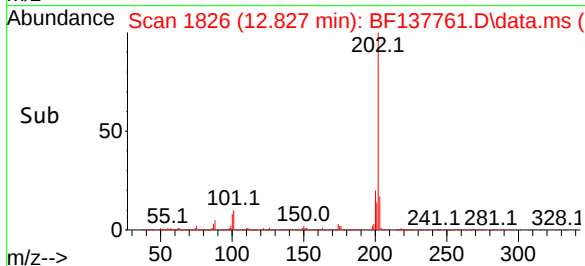
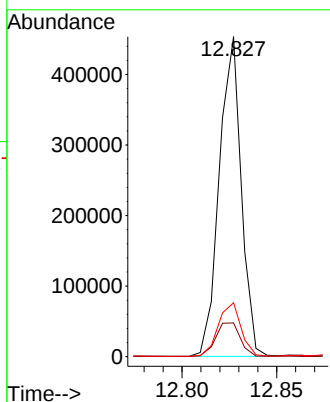
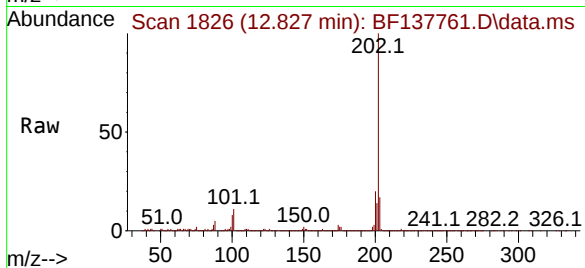
Tgt Ion:202 Resp: 365698

Ion Ratio Lower Upper

202 100

101 10.5 0.0 32.2

203 16.8 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BF137761.D

Acq: 29 Apr 2024 21:41

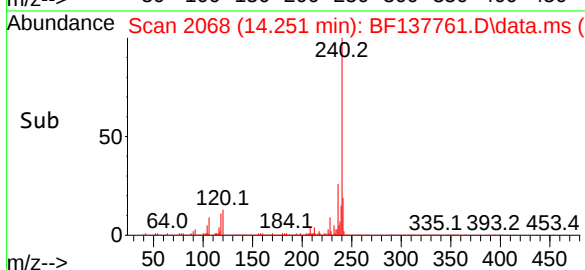
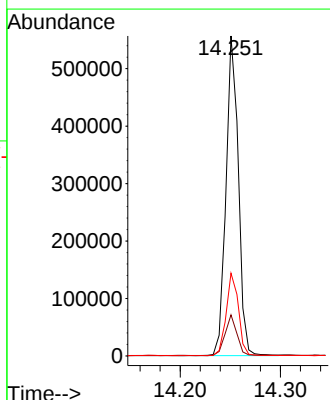
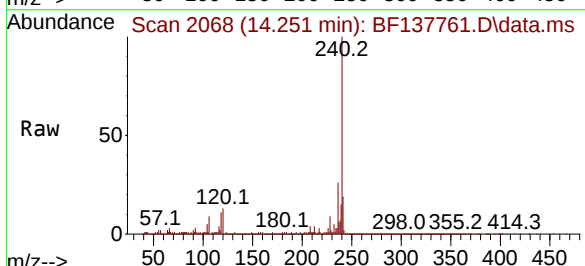
Tgt Ion:240 Resp: 475984

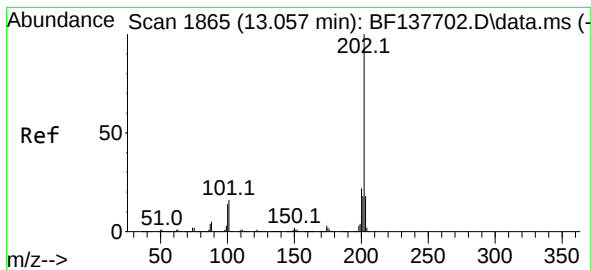
Ion Ratio Lower Upper

240 100

120 12.9 11.9 17.9

236 25.8 20.8 31.2





#78

Pyrene

Concen: 8.385 ng

RT: 13.051 min Scan# 1864

Delta R.T. -0.006 min

Lab File: BF137761.D

Acq: 29 Apr 2024 21:41

Instrument :

BNA_F

ClientSampleId :

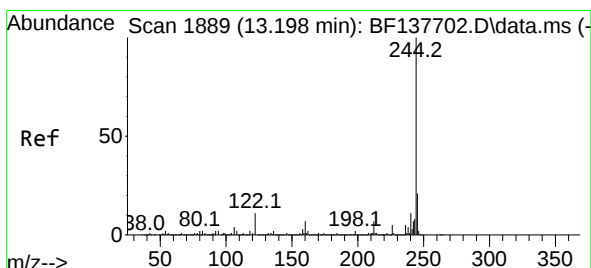
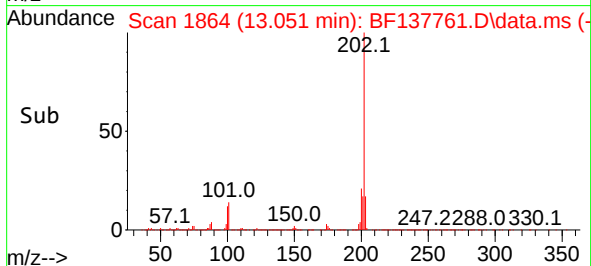
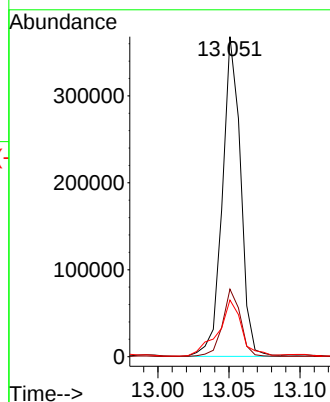
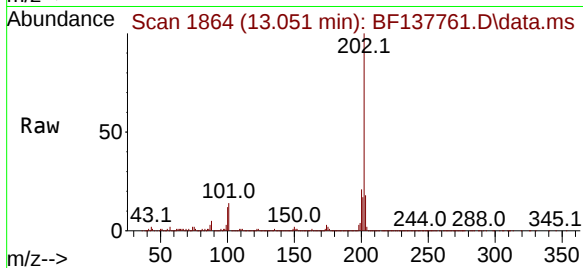
Tgt Ion:202 Resp: 327575

Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.6

203 17.7 14.6 21.8



#79

Terphenyl-d14

Concen: 56.409 ng

RT: 13.192 min Scan# 1888

Delta R.T. -0.006 min

Lab File: BF137761.D

Acq: 29 Apr 2024 21:41

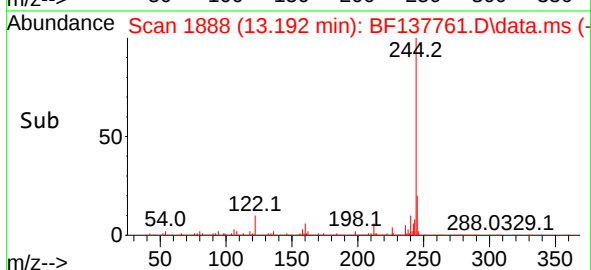
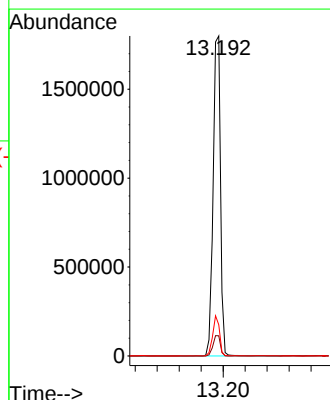
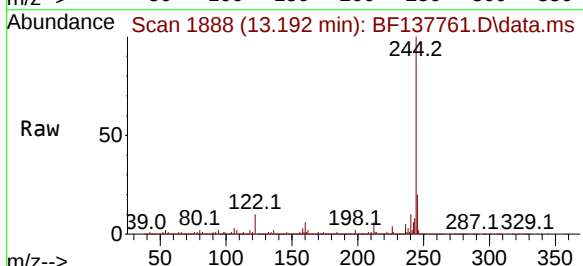
Tgt Ion:244 Resp: 1668151

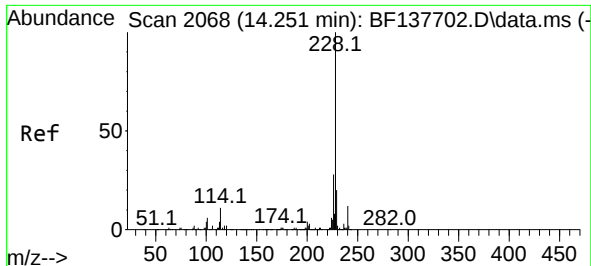
Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

122 9.7 8.8 13.2

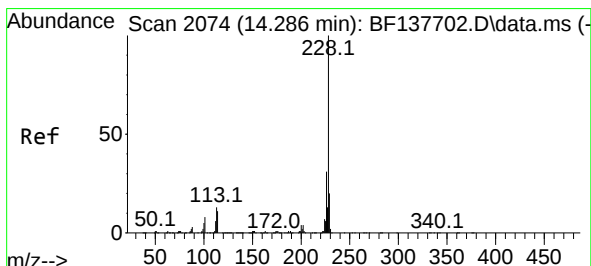
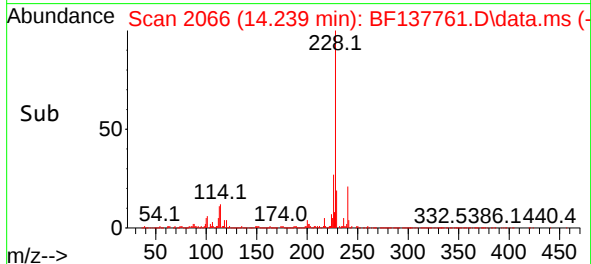
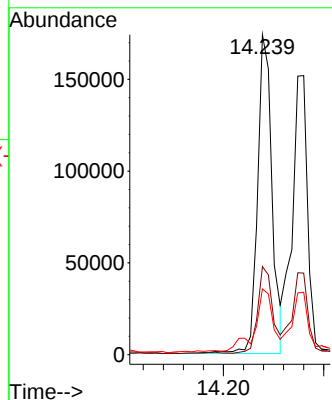
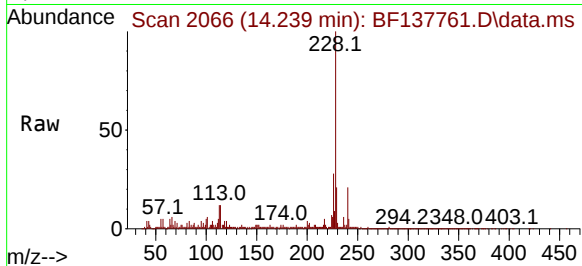




#81
Benzo(a)anthracene
Concen: 5.224 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137761.D
Acq: 29 Apr 2024 21:41

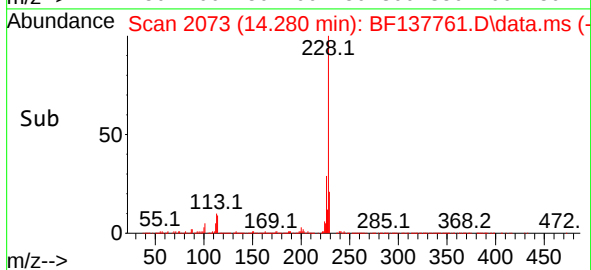
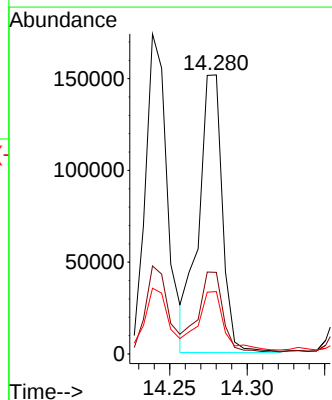
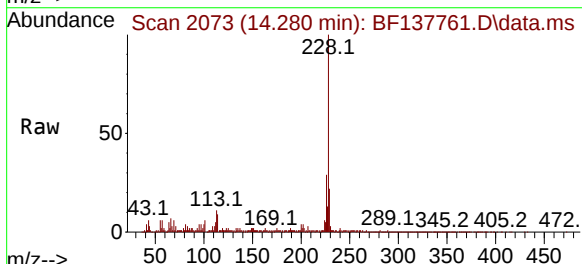
Instrument :
BNA_F
ClientSampleId :

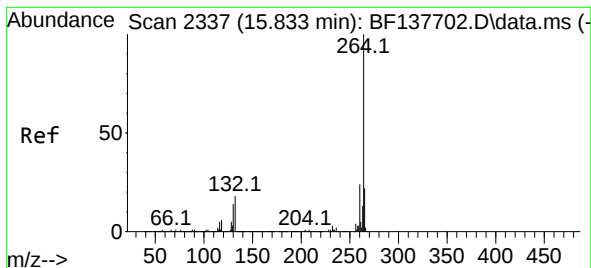
Tgt Ion:228 Resp: 173429
Ion Ratio Lower Upper
228 100
226 27.5 22.7 34.1
229 20.5 16.0 24.0



#83
Chrysene
Concen: 5.217 ng
RT: 14.280 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BF137761.D
Acq: 29 Apr 2024 21:41

Tgt Ion:228 Resp: 161820
Ion Ratio Lower Upper
228 100
226 29.3 24.7 37.1
229 22.4 16.2 24.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.827 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137761.D

Acq: 29 Apr 2024 21:41

Instrument :

BNA_F

ClientSampleId :

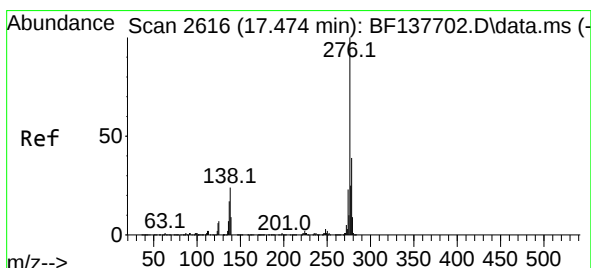
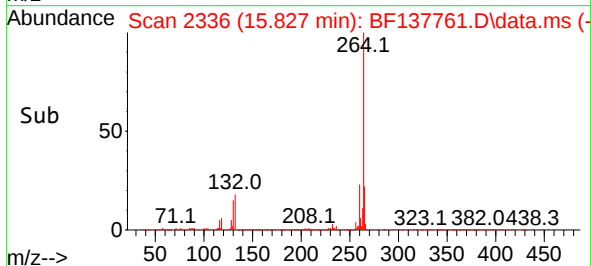
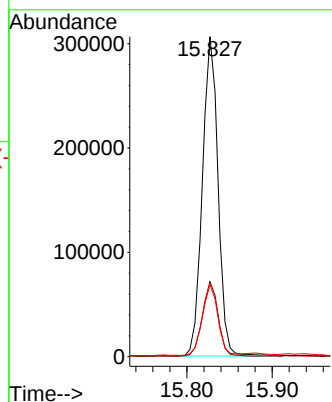
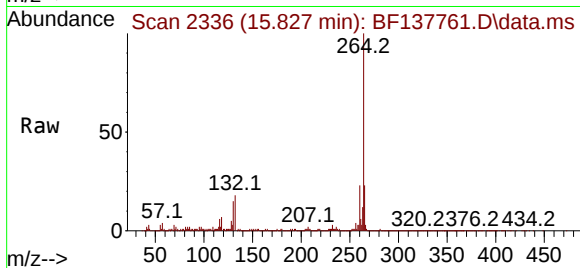
Tgt Ion:264 Resp: 390378

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 22.6 17.5 26.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.758 ng

RT: 17.462 min Scan# 2614

Delta R.T. -0.012 min

Lab File: BF137761.D

Acq: 29 Apr 2024 21:41

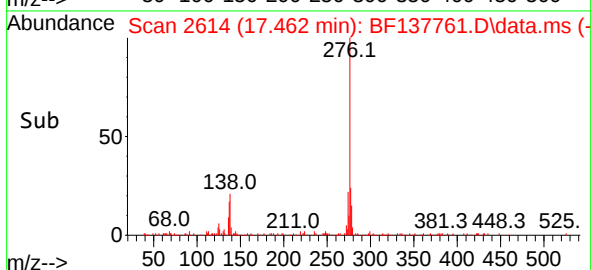
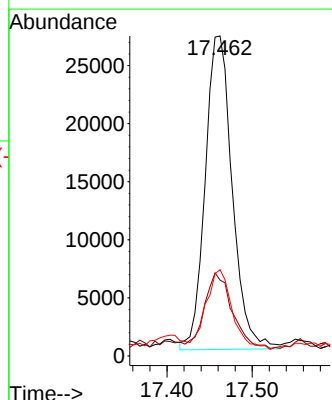
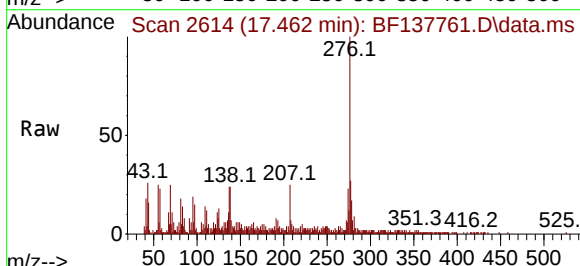
Tgt Ion:276 Resp: 59693

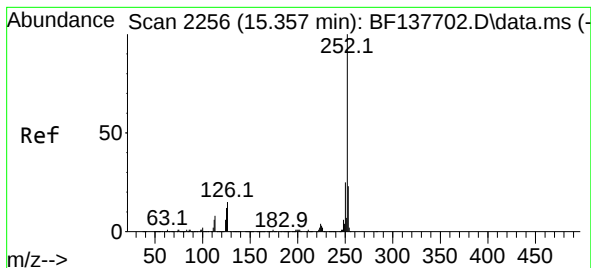
Ion Ratio Lower Upper

276 100

138 24.4 22.3 33.5

277 24.5 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 9.470 ng

RT: 15.351 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF137761.D

Acq: 29 Apr 2024 21:41

Instrument :

BNF

ClientSampleId :

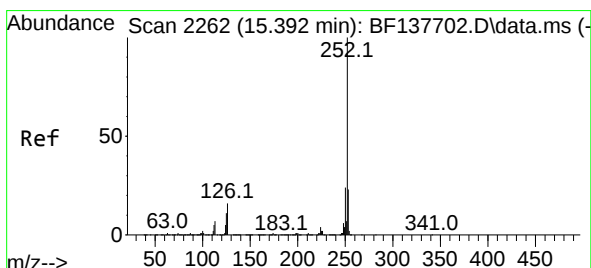
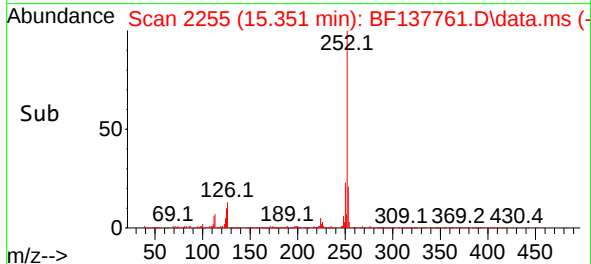
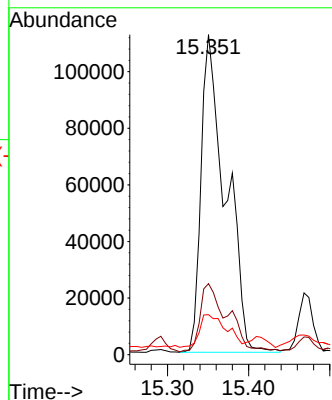
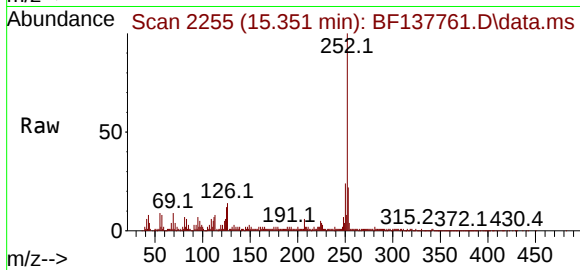
Tgt Ion:252 Resp: 236568

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 12.5 9.2 13.8



#89

Benzo(k)fluoranthene

Concen: 9.634 ng

RT: 15.351 min Scan# 2255

Delta R.T. -0.041 min

Lab File: BF137761.D

Acq: 29 Apr 2024 21:41

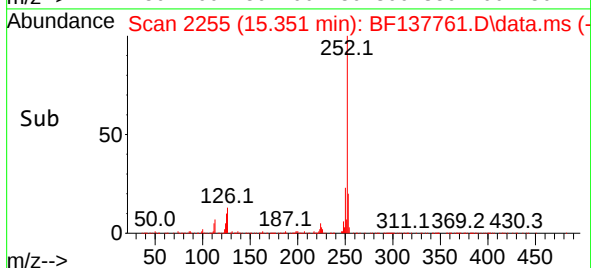
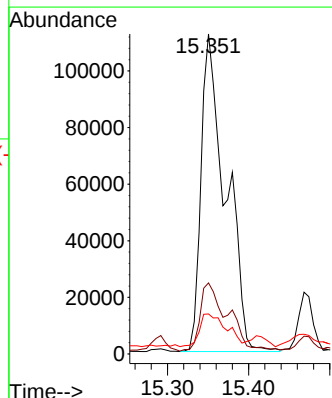
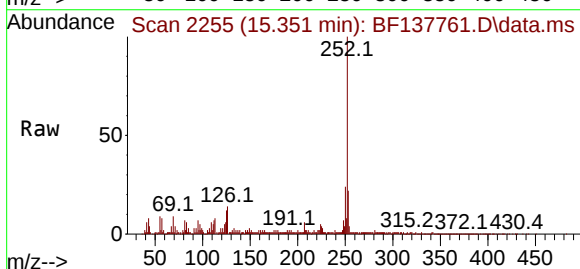
Tgt Ion:252 Resp: 236568

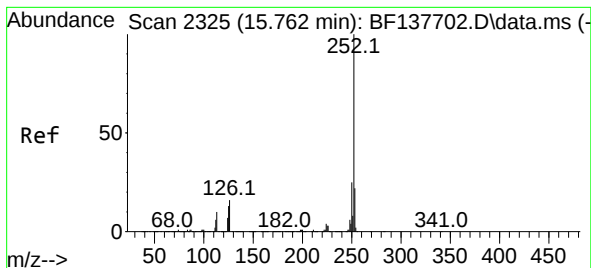
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 12.5 9.0 13.6





#90

Benzo(a)pyrene

Concen: 5.150 ng

RT: 15.756 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137761.D

Acq: 29 Apr 2024 21:41

Instrument :

BNF

ClientSampleId :

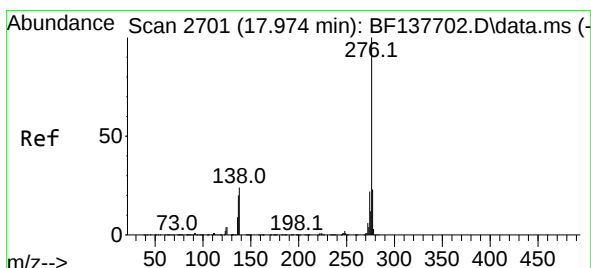
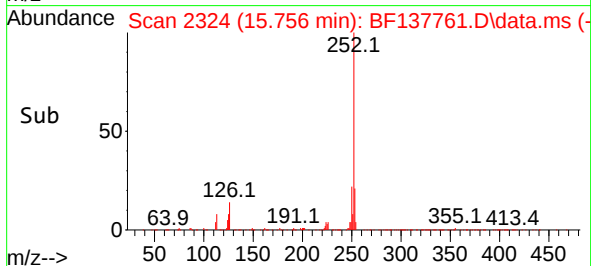
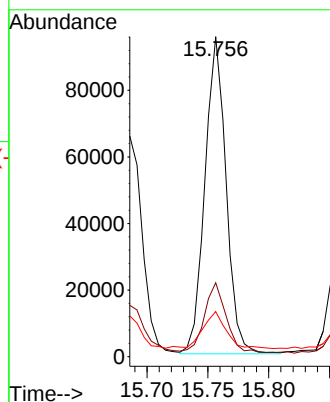
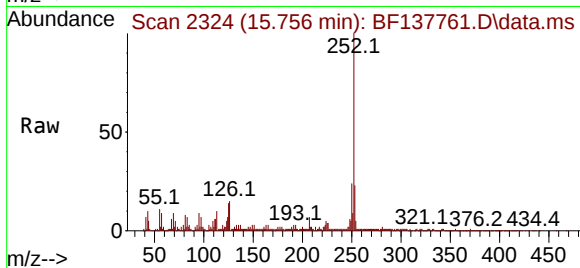
Tgt Ion:252 Resp: 115413

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

125 14.1 10.2 15.2



#92

Benzo(g,h,i)perylene

Concen: 3.136 ng

RT: 17.962 min Scan# 2699

Delta R.T. -0.012 min

Lab File: BF137761.D

Acq: 29 Apr 2024 21:41

Tgt Ion:276 Resp: 54772

Ion Ratio Lower Upper

276 100

277 22.0 18.5 27.7

138 26.6 19.5 29.3

