

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
 Data File : BF138643.D
 Acq On : 24 Jul 2024 16:43
 Operator : RC/JU
 Sample : P3340-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GREEN-STREET-A

Quant Time: Jul 24 17:39:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

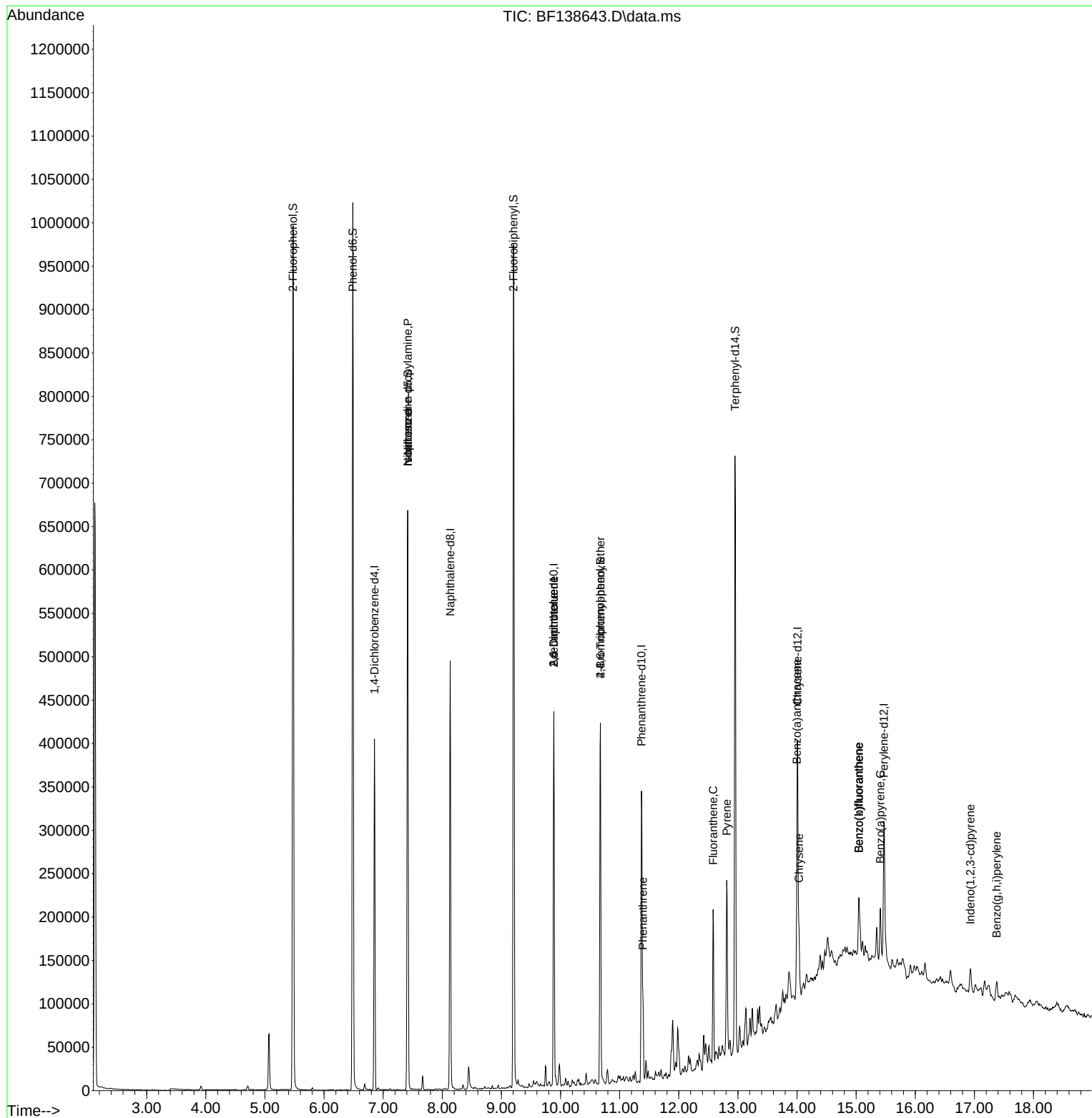
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	75359	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	284447	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	122227	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	165335	20.000	ng	-0.02
76) Chrysene-d12	14.010	240	110578	20.000	ng	-0.02
86) Perylene-d12	15.468	264	88624	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	333083	70.001	ng	-0.02
7) Phenol-d6	6.487	99	440865	69.648	ng	-0.02
23) Nitrobenzene-d5	7.416	82	281584	48.604	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	64427	56.399	ng	-0.02
45) 2-Fluorobiphenyl	9.204	172	412511	52.747	ng	-0.02
79) Terphenyl-d14	12.951	244	318401	46.909	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	37114	9.489	ng	# 74
25) Isophorone	7.416	82	281581	28.302	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	15638	8.594	ng	# 24
57) 2,4-Dinitrotoluene	9.886	165	15638	6.642	ng	# 18
67) 4-Bromophenyl-phenylether	10.675	248	4126	2.428	ng	# 1
71) Phenanthrene	11.392	178	47721	5.713	ng	99
75) Fluoranthene	12.580	202	92472	10.849	ng	97
78) Pyrene	12.810	202	113395	10.102	ng	99
81) Benzo(a)anthracene	13.998	228	46464	6.262	ng	# 88
83) Chrysene	14.033	228	38780	5.525	ng	96
87) Indeno(1,2,3-cd)pyrene	16.933	276	21257	3.571	ng	95
88) Benzo(b)fluoranthene	15.045	252	52327	10.484	ng	# 89
89) Benzo(k)fluoranthene	15.045	252	52327	10.750	ng	# 90
90) Benzo(a)pyrene	15.410	252	32053	7.311	ng	# 93
92) Benzo(g,h,i)perylene	17.374	276	23796	4.608	ng	# 91

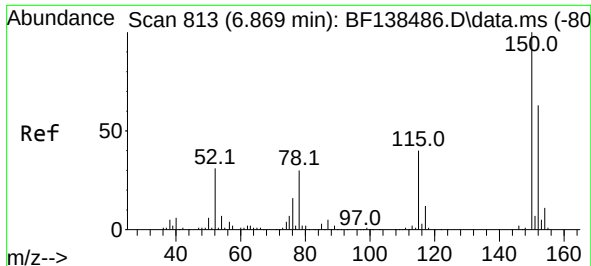
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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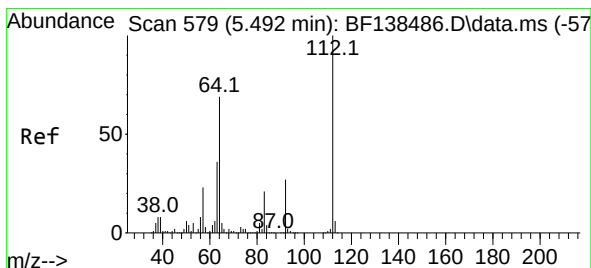
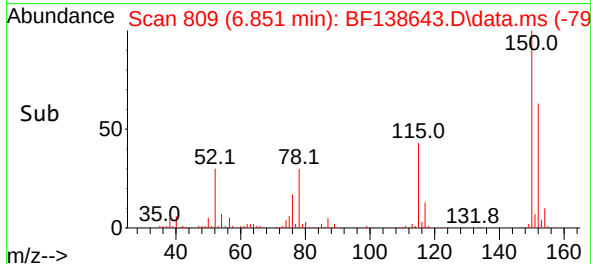
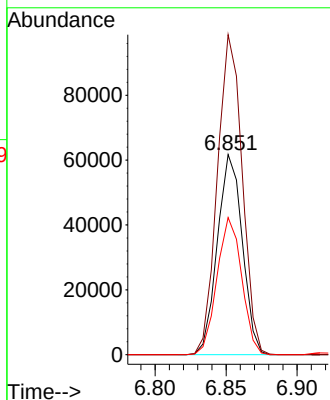
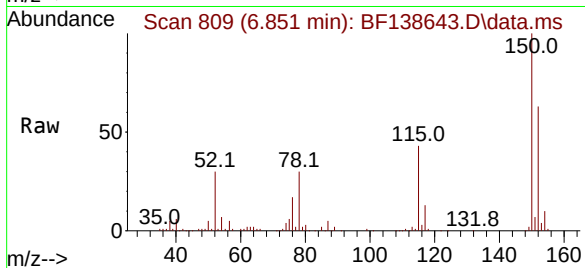




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

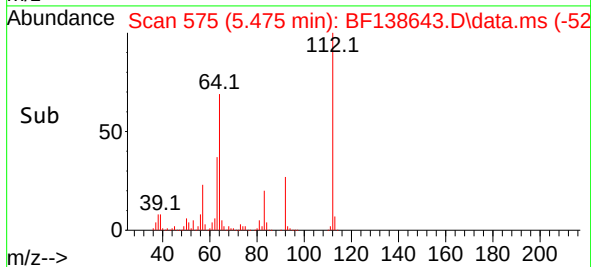
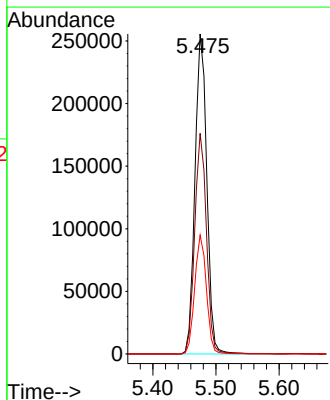
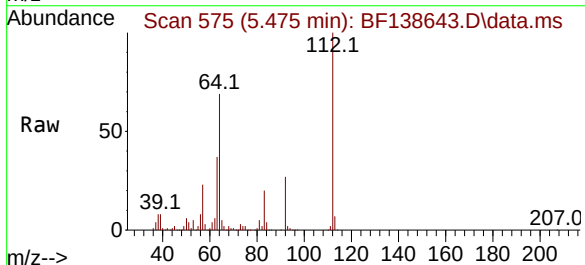
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-A

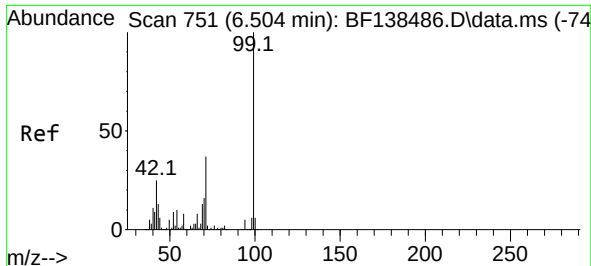
Tgt Ion:152 Resp: 75359
Ion Ratio Lower Upper
152 100
150 159.8 126.2 189.4
115 68.5 50.3 75.5



#5
2-Fluorophenol
Concen: 70.001 ng
RT: 5.475 min Scan# 575
Delta R.T. -0.017 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

Tgt Ion:112 Resp: 333083
Ion Ratio Lower Upper
112 100
64 69.0 55.1 82.7
63 37.1 29.0 43.6

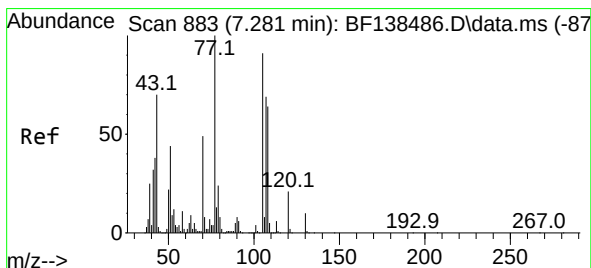
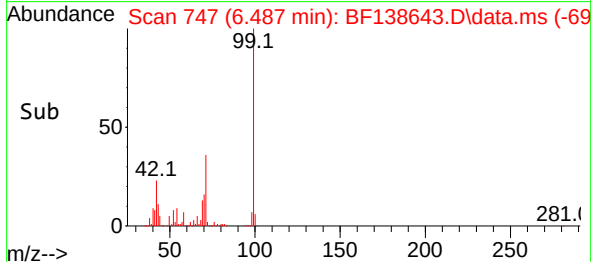
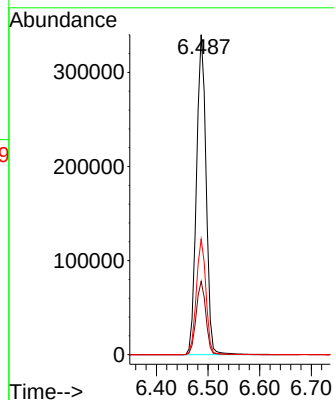
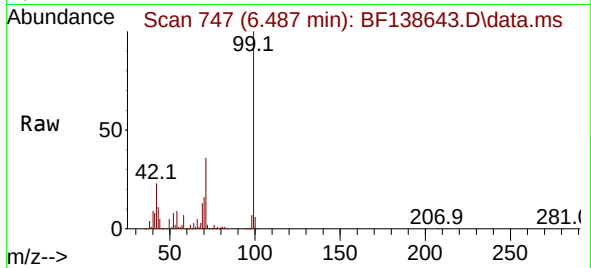




#7
Phenol-d6
Concen: 69.648 ng
RT: 6.487 min Scan# 741
Delta R.T. -0.017 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

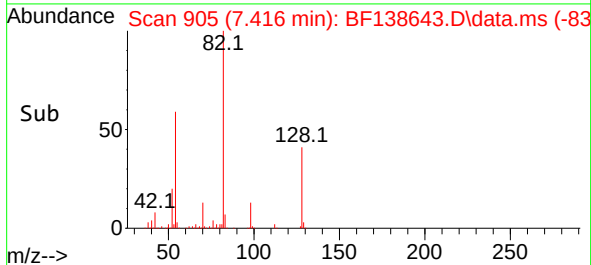
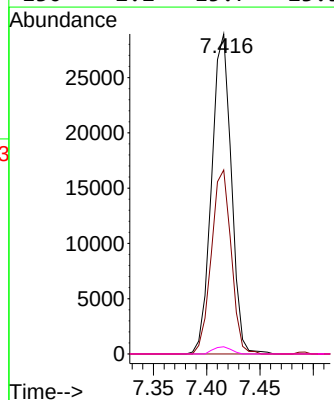
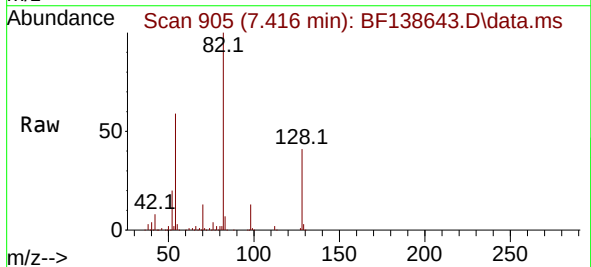
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-A

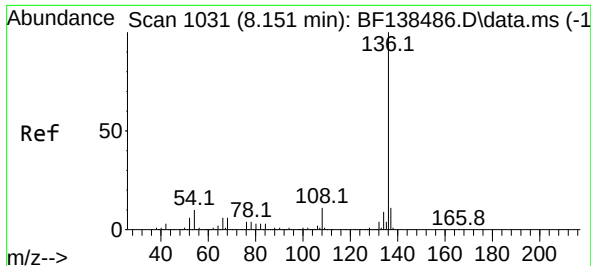
Tgt Ion: 99 Resp: 440865
Ion Ratio Lower Upper
99 100
42 22.9 19.7 29.5
71 36.1 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 9.489 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

Tgt Ion: 70 Resp: 37114
Ion Ratio Lower Upper
70 100
42 57.5 62.4 93.6#
101 0.0 7.2 10.8#
130 2.2 15.7 23.5#

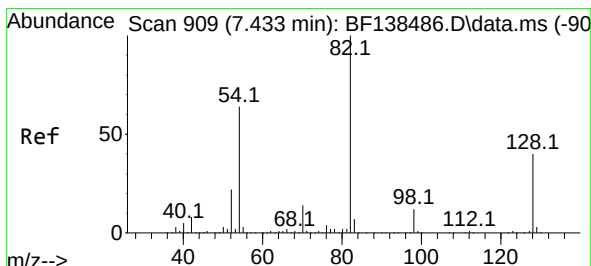
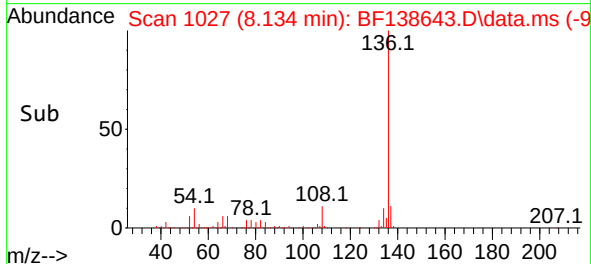
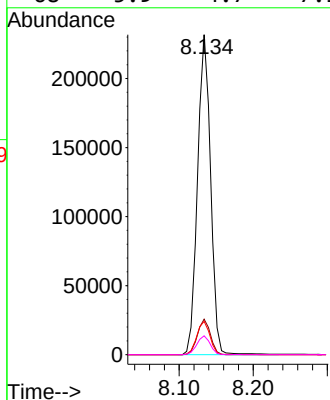
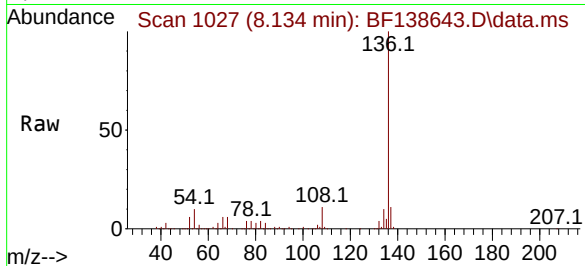




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

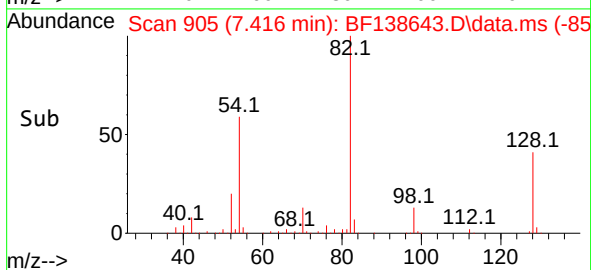
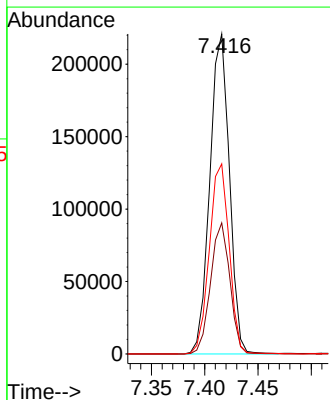
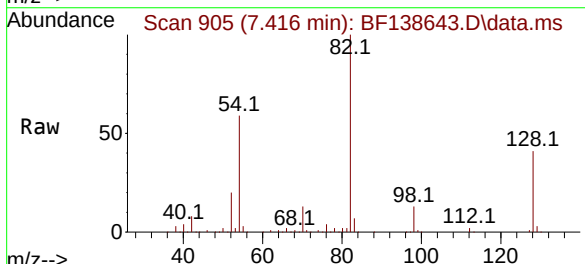
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-A

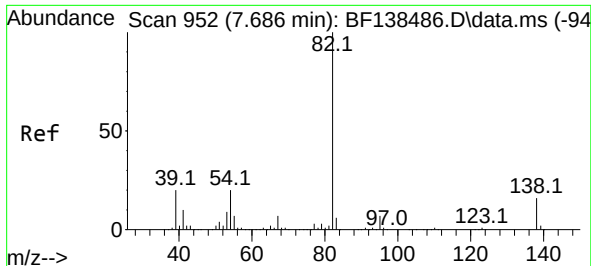
Tgt Ion:	136	Resp:	284447
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.4	8.1	12.1
68	5.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 48.604 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.017 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

Tgt Ion:	82	Resp:	281584
Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.3	48.5
54	59.4	51.4	77.0

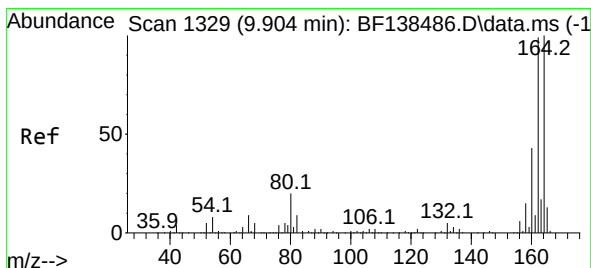
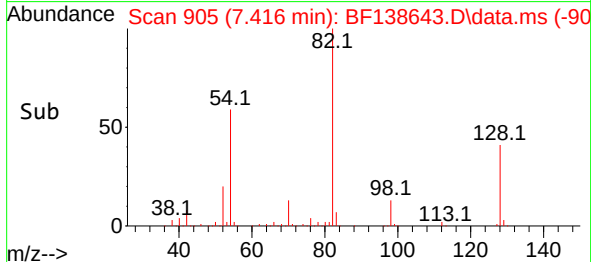
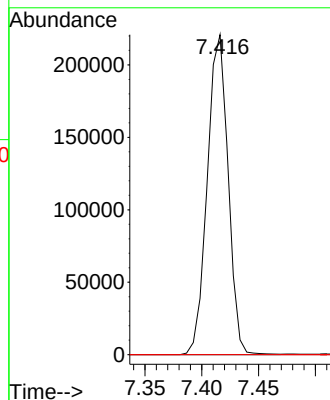
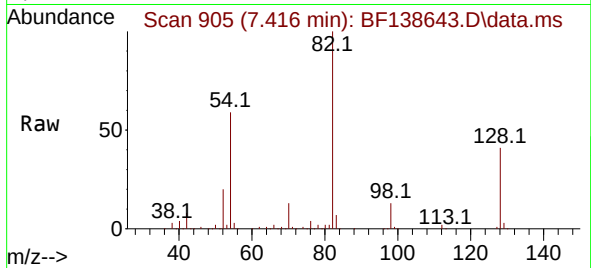




#25
Isophorone
Concen: 28.302 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.270 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

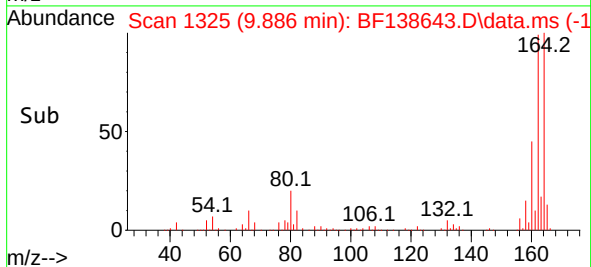
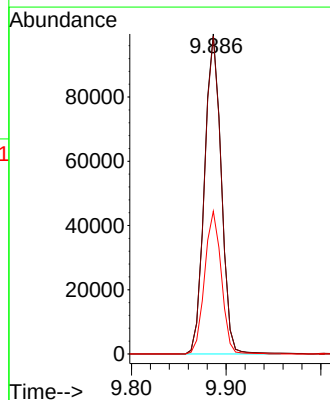
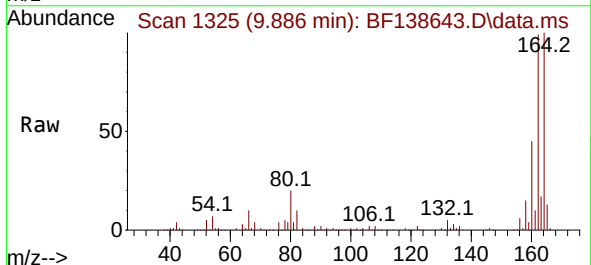
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-A

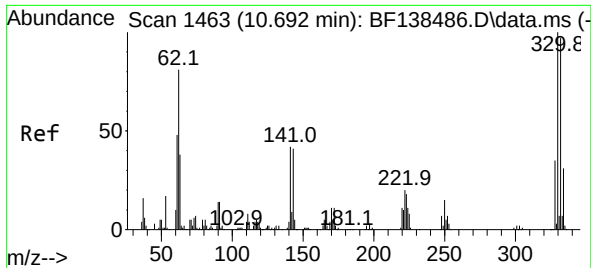
Tgt Ion: 82 Resp: 281581
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.017 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

Tgt Ion:164 Resp: 122227
Ion Ratio Lower Upper
164 100
162 99.3 79.0 118.6
160 44.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 56.399 ng

RT: 10.675 min Scan# 1463

Delta R.T. -0.017 min

Lab File: BF138643.D

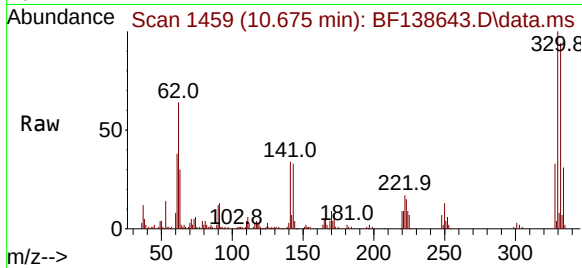
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BNA_F

ClientSampleId :

GREEN-STREET-A



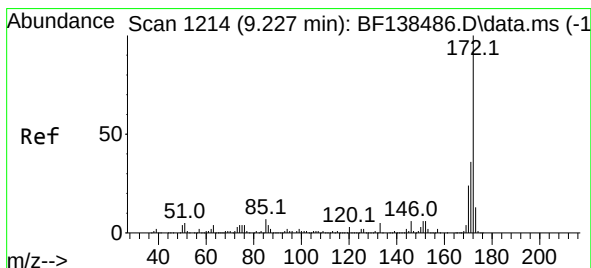
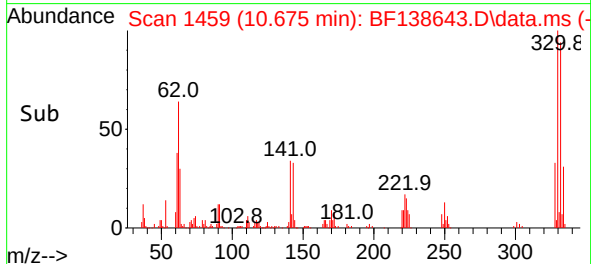
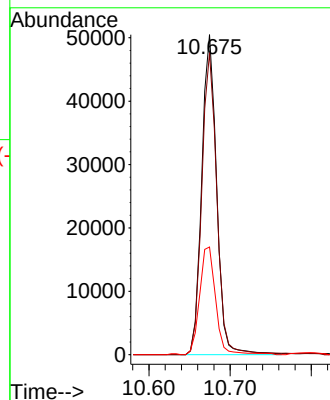
Tgt Ion:330 Resp: 64427

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

141 36.4 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 52.747 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.023 min

Lab File: BF138643.D

Acq: 24 Jul 2024 16:43

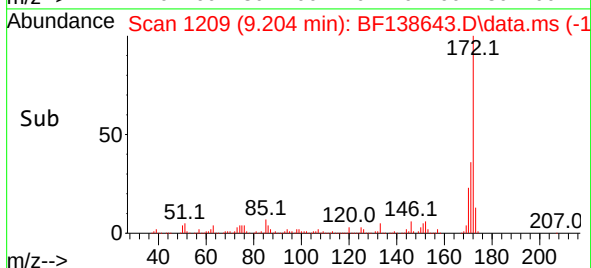
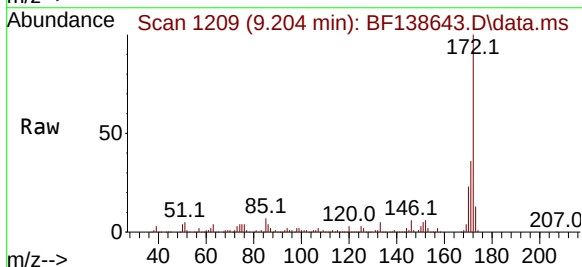
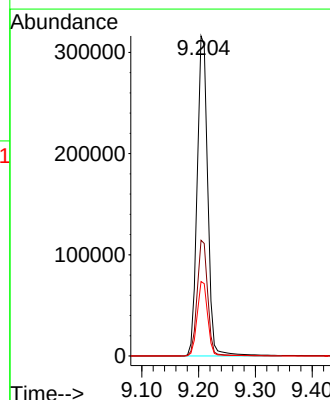
Tgt Ion:172 Resp: 412511

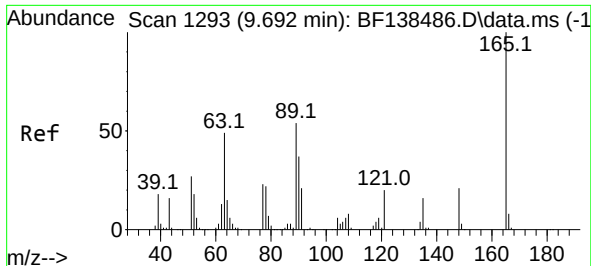
Ion Ratio Lower Upper

172 100

171 36.1 28.9 43.3

170 23.2 18.9 28.3

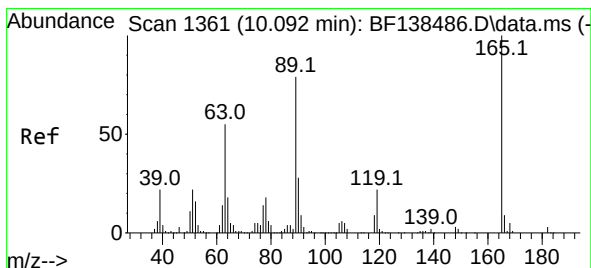
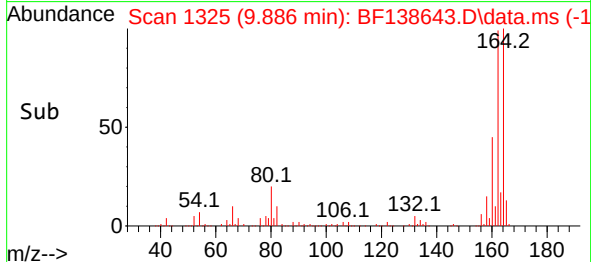
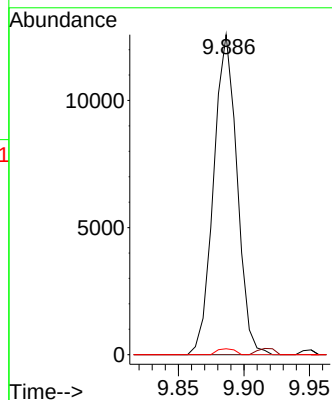
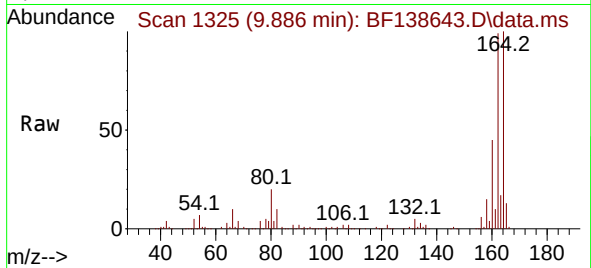




#51
2,6-Dinitrotoluene
Concen: 8.594 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

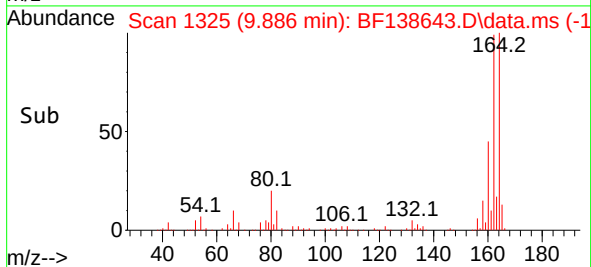
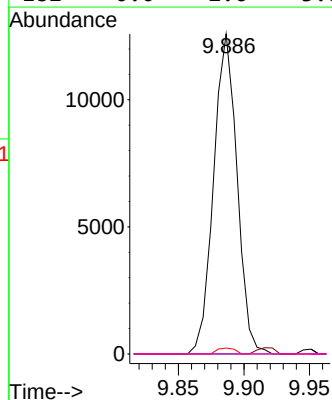
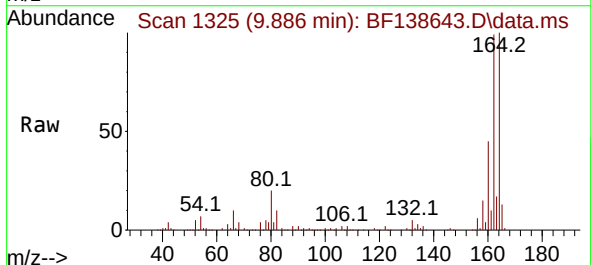
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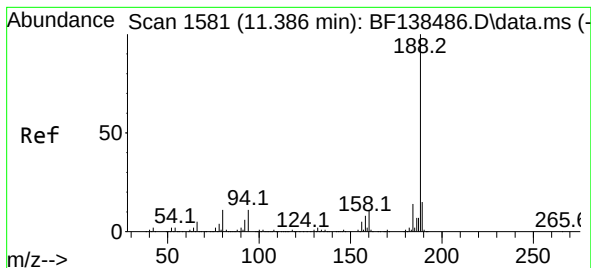
Tgt Ion:165 Resp: 15638
Ion Ratio Lower Upper
165 100
63 0.0 48.1 72.1#
89 1.8 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.642 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

Tgt Ion:165 Resp: 15638
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 1.8 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF138643.D

Acq: 24 Jul 2024 16:43

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-A

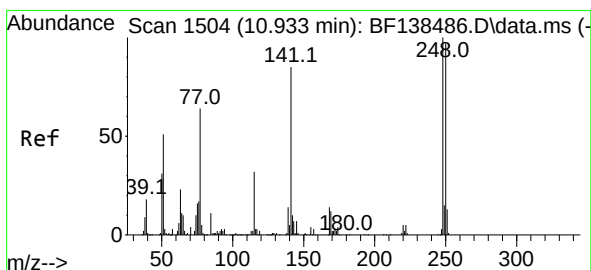
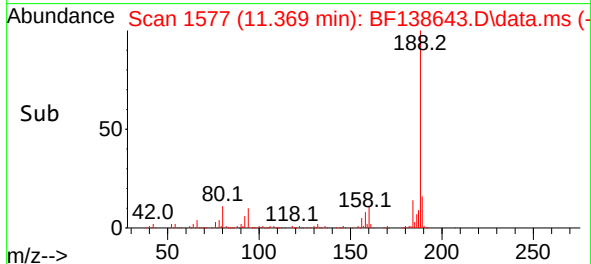
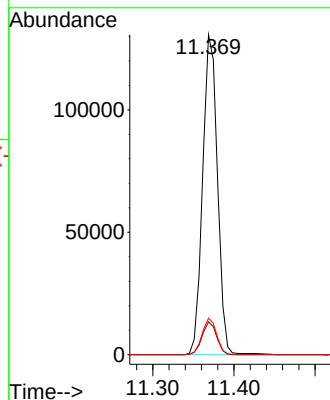
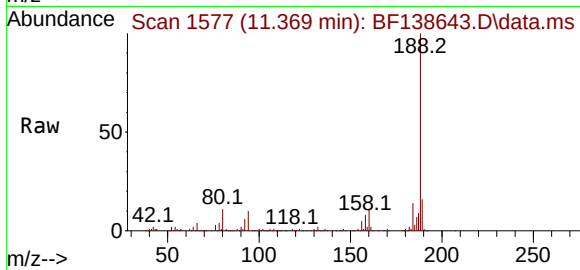
Tgt Ion:188 Resp: 165335

Ion Ratio Lower Upper

188 100

94 10.2 8.7 13.1

80 11.4 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 2.428 ng

RT: 10.675 min Scan# 1459

Delta R.T. -0.259 min

Lab File: BF138643.D

Acq: 24 Jul 2024 16:43

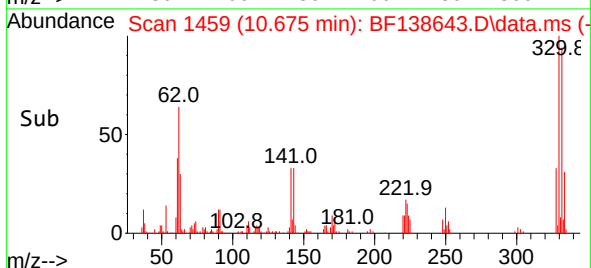
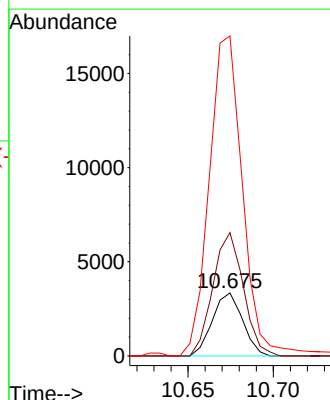
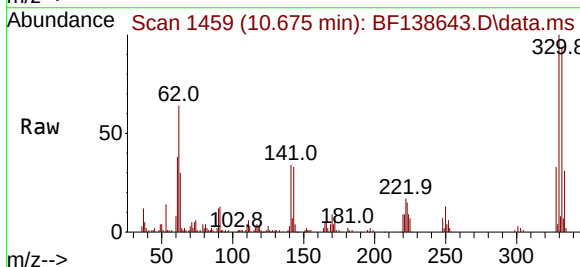
Tgt Ion:248 Resp: 4126

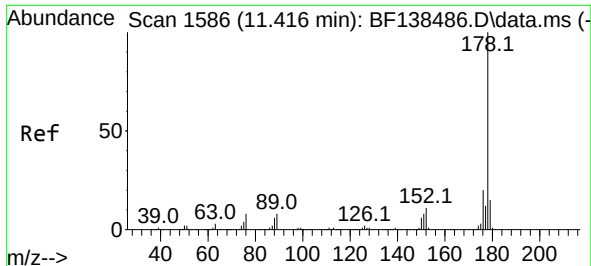
Ion Ratio Lower Upper

248 100

250 195.6 77.9 116.9#

141 507.2 67.7 101.5#

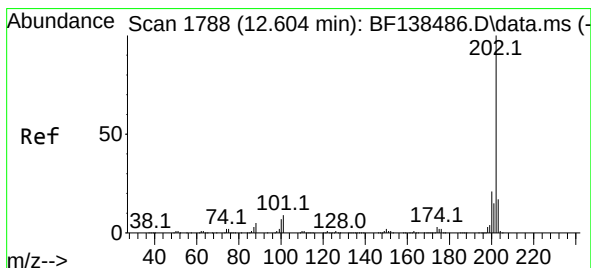
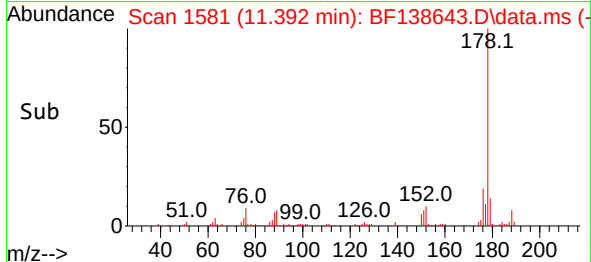
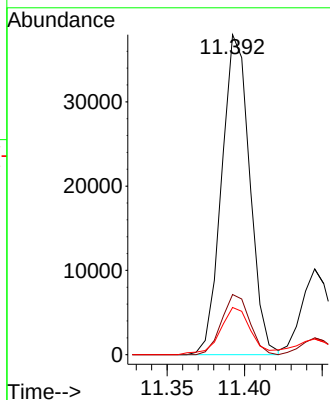
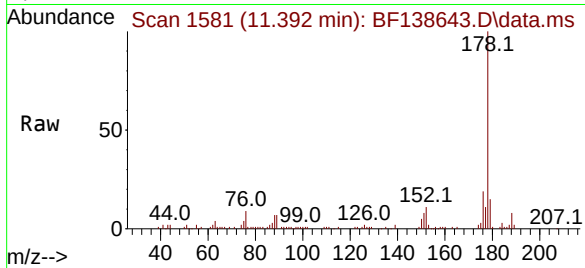




#71
Phenanthrene
Concen: 5.713 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

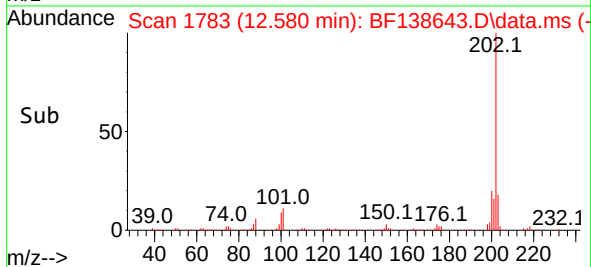
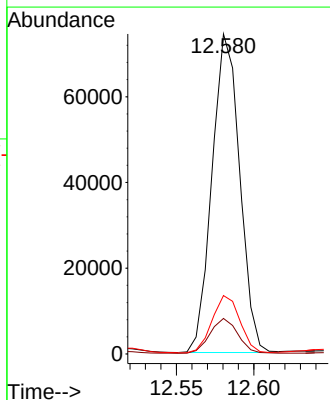
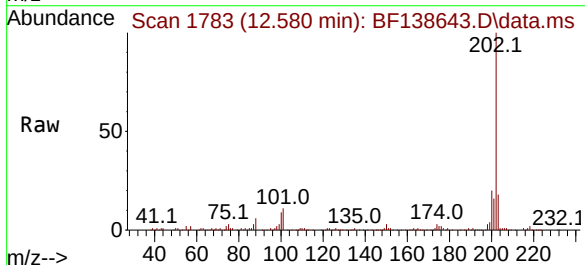
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-A

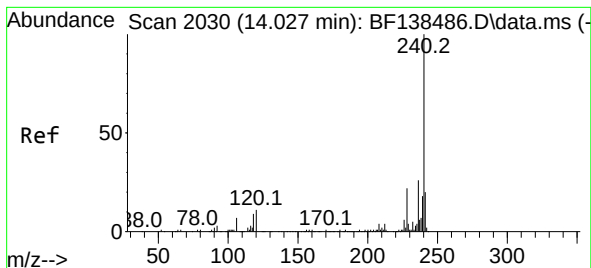
Tgt Ion:178 Resp: 47721
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 14.8 12.2 18.2



#75
Fluoranthene
Concen: 10.849 ng
RT: 12.580 min Scan# 1783
Delta R.T. -0.023 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

Tgt Ion:202 Resp: 92472
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.2
203 18.3 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2030

Delta R.T. -0.017 min

Lab File: BF138643.D

Acq: 24 Jul 2024 16:43

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-A

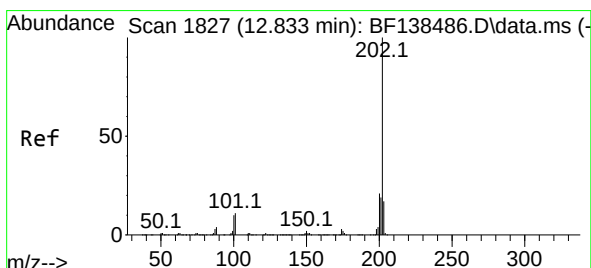
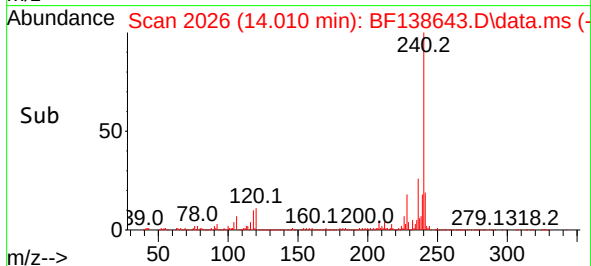
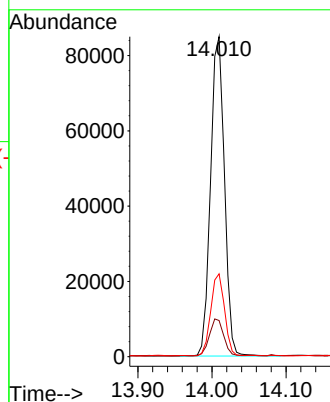
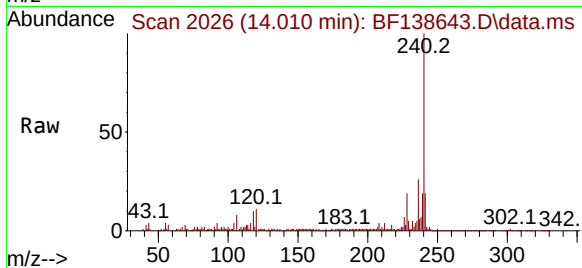
Tgt Ion:240 Resp: 110578

Ion Ratio Lower Upper

240 100

120 11.3 8.6 12.8

236 25.9 21.0 31.6



#78

Pyrene

Concen: 10.102 ng

RT: 12.810 min Scan# 1822

Delta R.T. -0.023 min

Lab File: BF138643.D

Acq: 24 Jul 2024 16:43

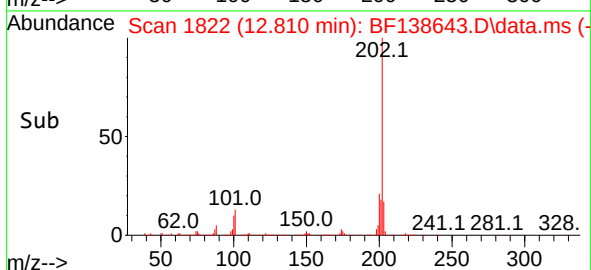
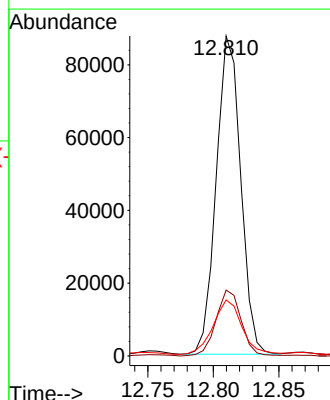
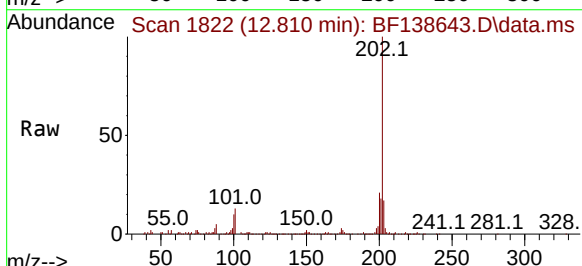
Tgt Ion:202 Resp: 113395

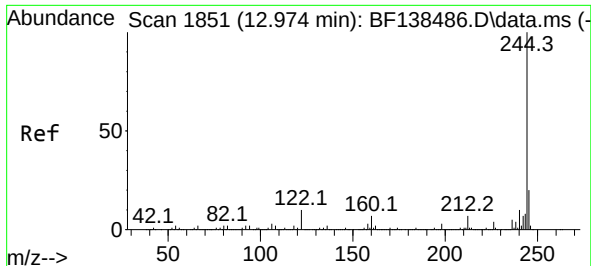
Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.6

203 17.5 13.7 20.5

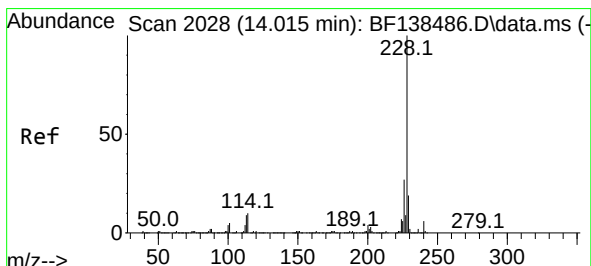
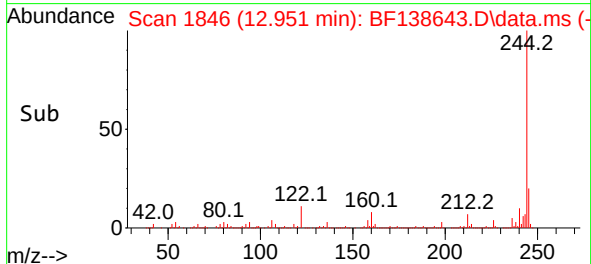
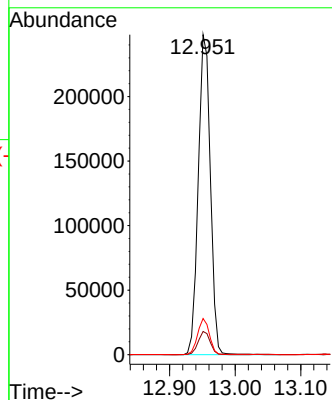
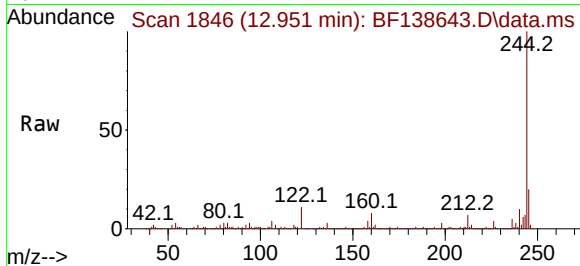




#79
 Terphenyl-d14
 Concen: 46.909 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF138643.D
 Acq: 24 Jul 2024 16:43

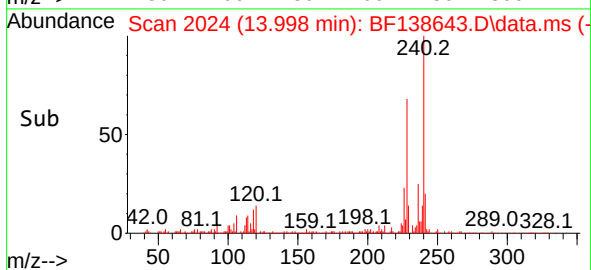
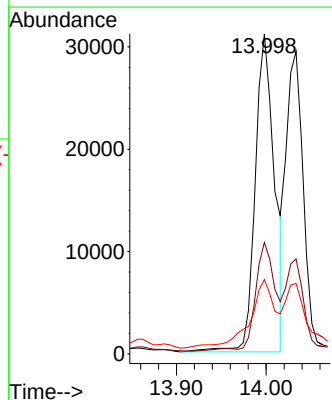
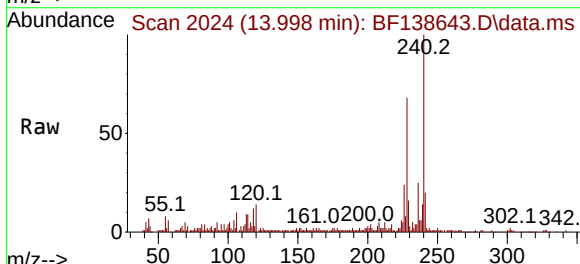
Instrument :
 BNA_F
 ClientSampleId :
 GREEN-STREET-A

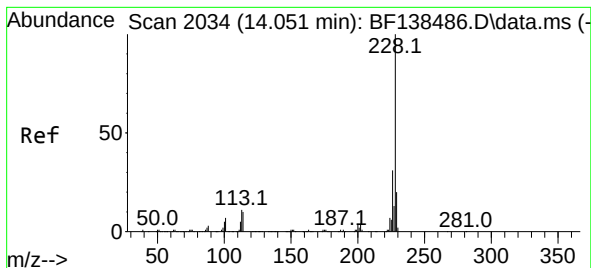
Tgt Ion:244 Resp: 318401
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 11.3 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 6.262 ng
 RT: 13.998 min Scan# 2024
 Delta R.T. -0.017 min
 Lab File: BF138643.D
 Acq: 24 Jul 2024 16:43

Tgt Ion:228 Resp: 46464
 Ion Ratio Lower Upper
 228 100
 226 34.8 21.9 32.9#
 229 23.2 15.5 23.3





#83

Chrysene

Concen: 5.525 ng

RT: 14.033 min Scan# 2034

Delta R.T. -0.017 min

Lab File: BF138643.D

Acq: 24 Jul 2024 16:43

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-A

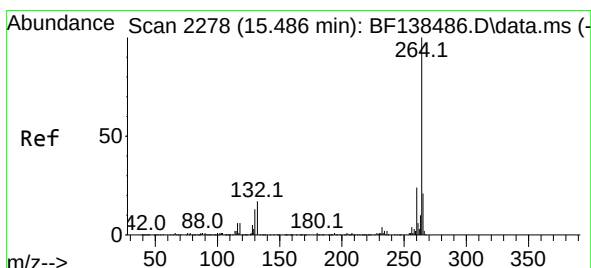
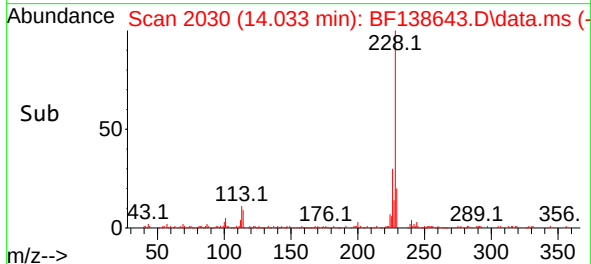
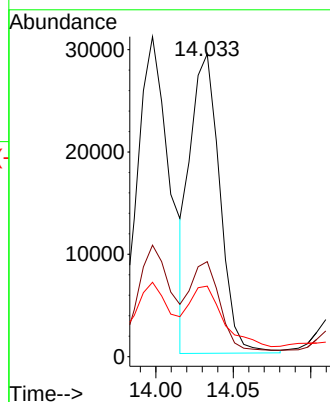
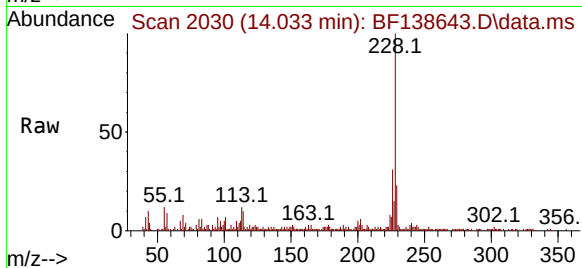
Tgt Ion:228 Resp: 38780

Ion Ratio Lower Upper

228 100

226 31.4 24.4 36.6

229 23.3 16.0 24.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.017 min

Lab File: BF138643.D

Acq: 24 Jul 2024 16:43

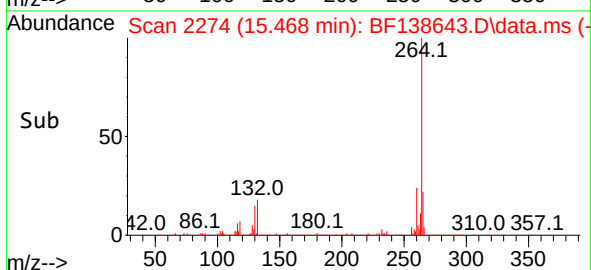
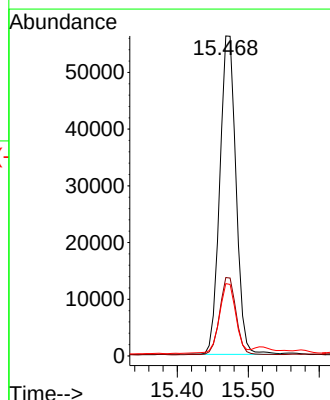
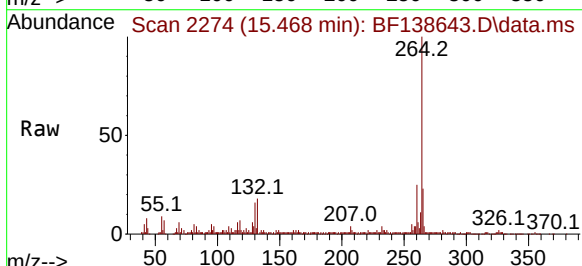
Tgt Ion:264 Resp: 88624

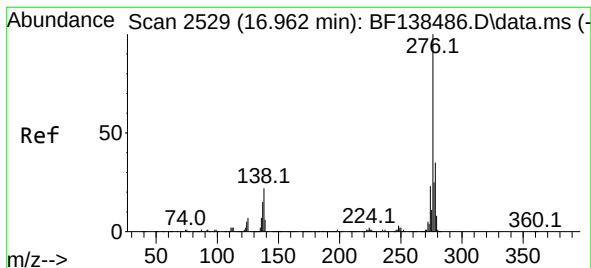
Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

265 22.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.571 ng

RT: 16.933 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF138643.D

Acq: 24 Jul 2024 16:43

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-A

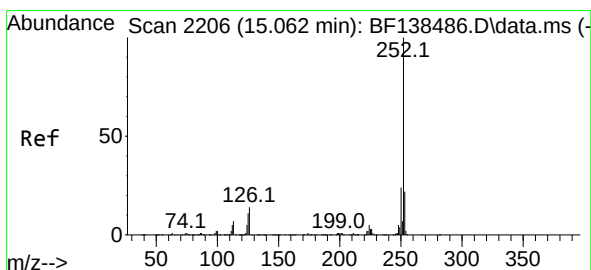
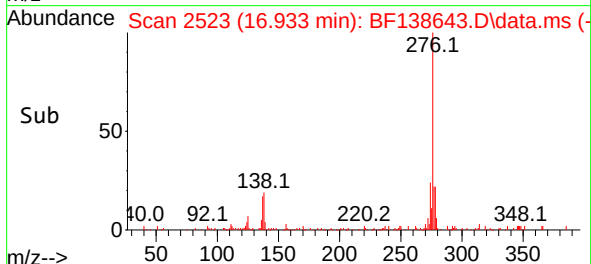
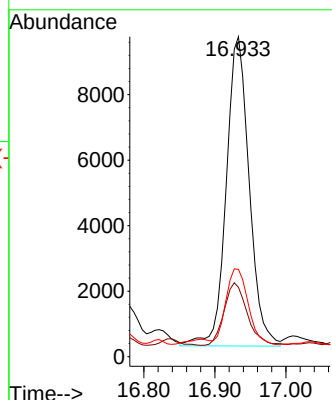
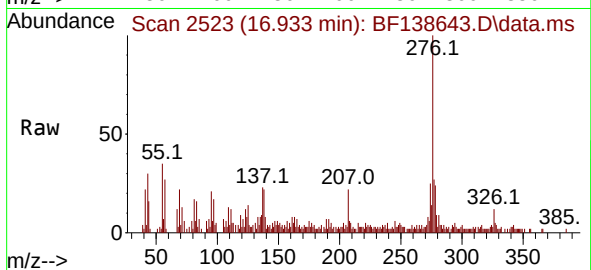
Tgt Ion:276 Resp: 21257

Ion Ratio Lower Upper

276 100

138 21.8 19.6 29.4

277 23.6 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 10.484 ng

RT: 15.045 min Scan# 2202

Delta R.T. -0.017 min

Lab File: BF138643.D

Acq: 24 Jul 2024 16:43

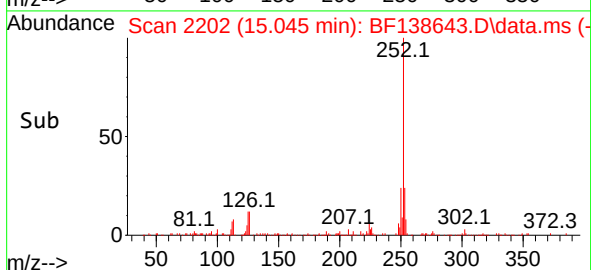
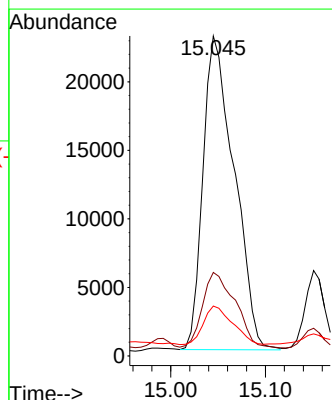
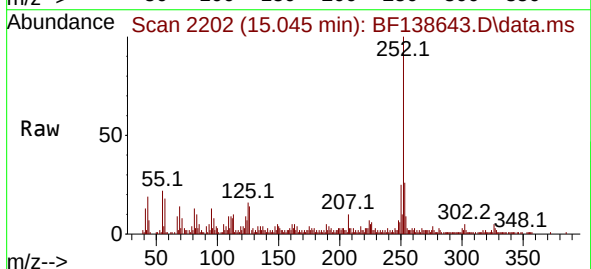
Tgt Ion:252 Resp: 52327

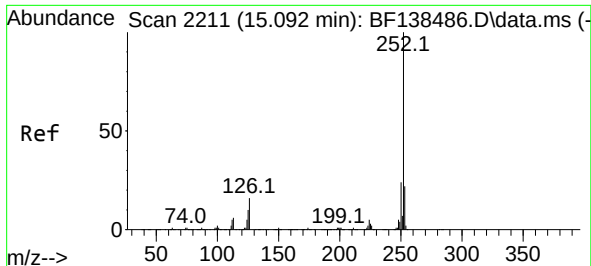
Ion Ratio Lower Upper

252 100

253 26.1 17.3 25.9#

125 15.6 8.6 13.0#





#89

Benzo(k)fluoranthene

Concen: 10.750 ng

RT: 15.045 min Scan# 21

Delta R.T. -0.047 min

Lab File: BF138643.D

Acq: 24 Jul 2024 16:43

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-A

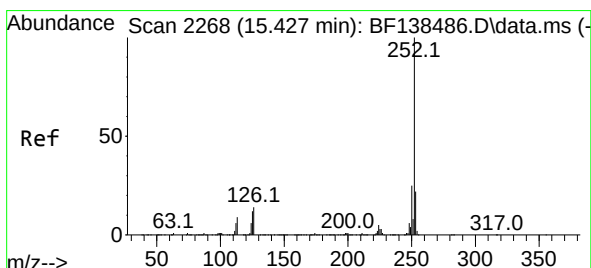
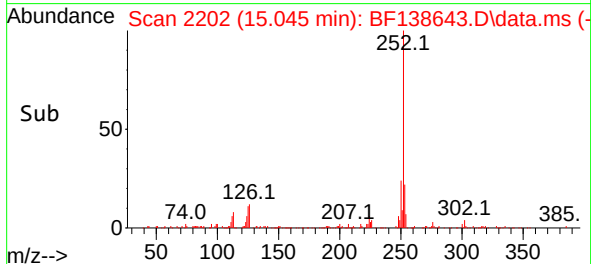
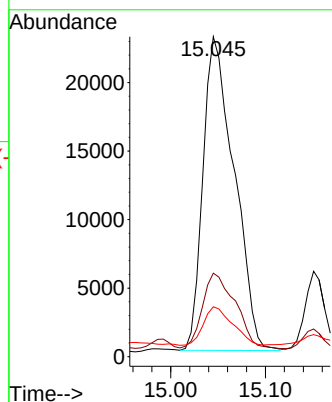
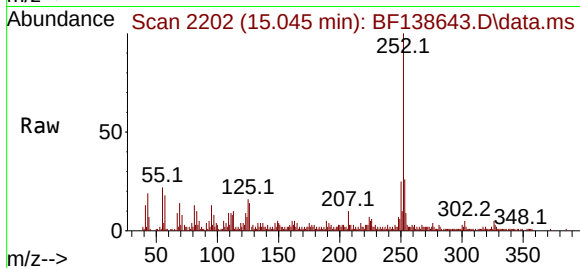
Tgt Ion:252 Resp: 52327

Ion Ratio Lower Upper

252 100

253 26.1 17.7 26.5

125 15.6 8.1 12.1#



#90

Benzo(a)pyrene

Concen: 7.311 ng

RT: 15.410 min Scan# 2264

Delta R.T. -0.017 min

Lab File: BF138643.D

Acq: 24 Jul 2024 16:43

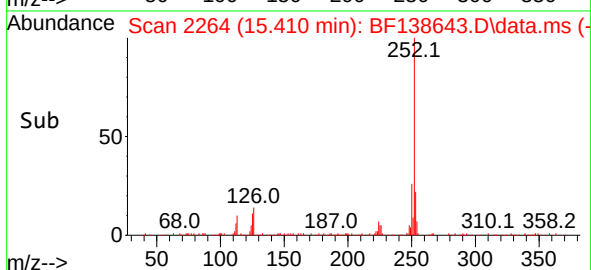
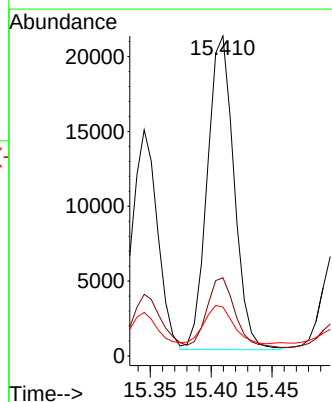
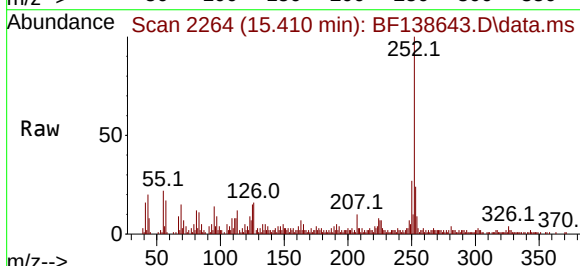
Tgt Ion:252 Resp: 32053

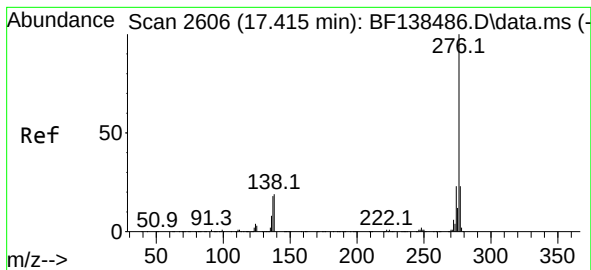
Ion Ratio Lower Upper

252 100

253 24.4 17.4 26.0

125 15.3 9.4 14.2#





#92

Benzo(g,h,i)perylene

Concen: 4.608 ng

RT: 17.374 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF138643.D

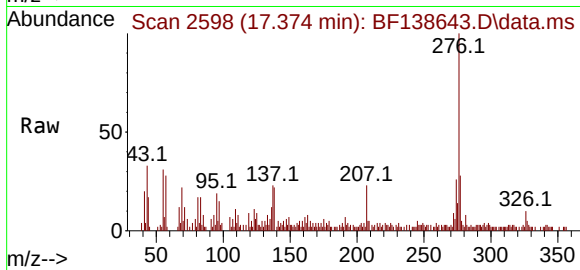
Acq: 24 Jul 2024 16:43

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-A



Tgt Ion:276 Resp: 23796

Ion Ratio Lower Upper

276 100

277 28.2 18.0 27.0#

138 22.0 15.5 23.3

