

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
 Data File : BF138642.D
 Acq On : 24 Jul 2024 16:13
 Operator : RC/JU
 Sample : P3340-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GREEN-STREET-B

Quant Time: Jul 24 16:46:06 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)

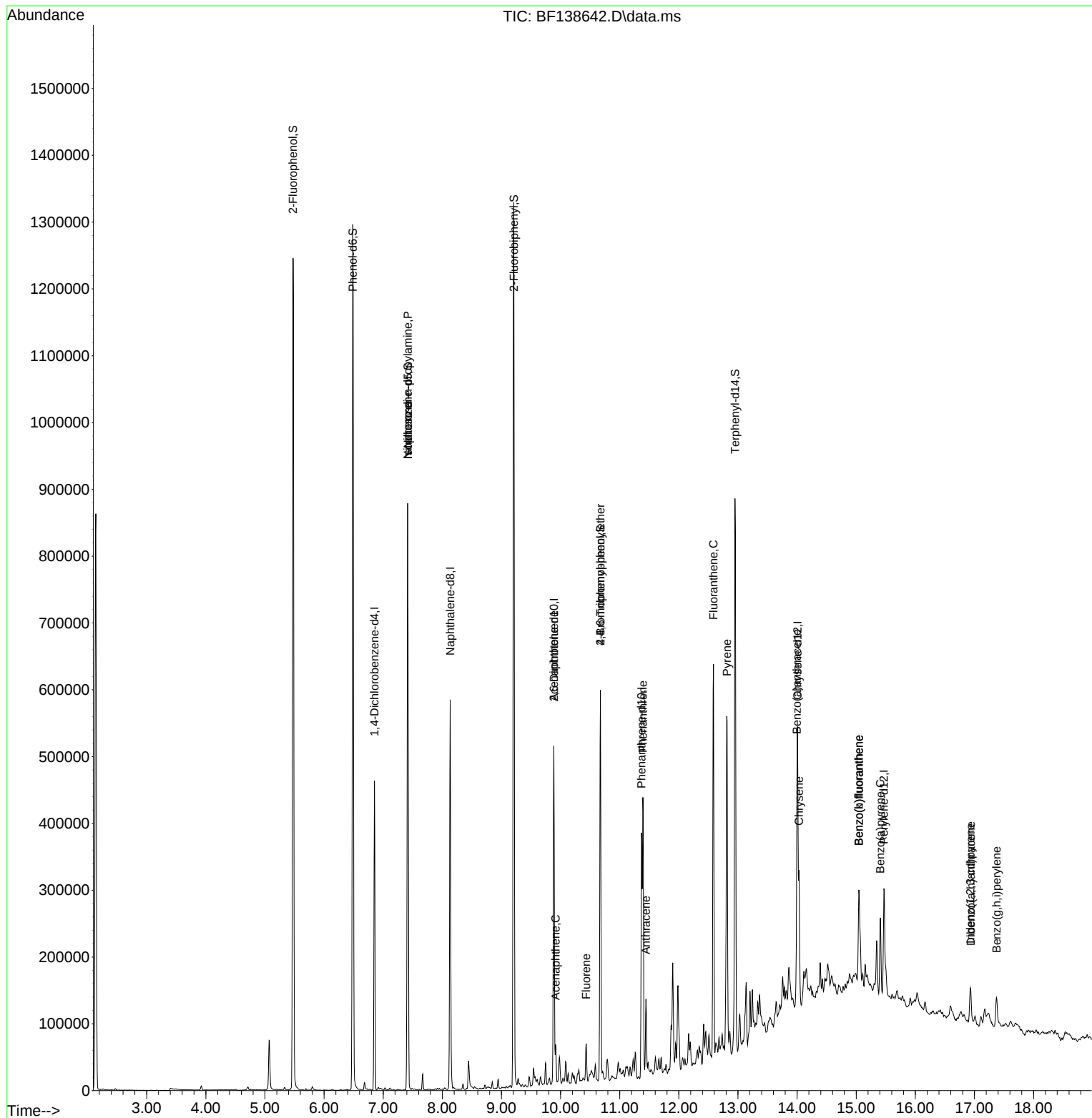
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	87072	20.000	ng	-0.02
21) Naphthalene-d8	8.133	136	330497	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	143994	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	183545	20.000	ng	-0.02
76) Chrysene-d12	14.010	240	114659	20.000	ng	-0.02
86) Perylene-d12	15.468	264	88626	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	428966	78.025	ng	-0.02
7) Phenol-d6	6.487	99	578080	79.040	ng	-0.02
23) Nitrobenzene-d5	7.416	82	373977	55.557	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	85487	63.523	ng	-0.02
45) 2-Fluorobiphenyl	9.210	172	569662	61.831	ng	-0.02
79) Terphenyl-d14	12.951	244	386038	54.850	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	51648	11.429	ng	# 71
25) Isophorone	7.416	82	373975	32.351	ng	# 68
51) 2,6-Dinitrotoluene	9.886	165	19222	8.966	ng	# 25
52) Acenaphthene	9.916	154	16470	2.117	ng	99
58) Fluorene	10.433	166	20888	2.339	ng	97
67) 4-Bromophenyl-phenylether	10.674	248	5707	3.025	ng	# 1
71) Phenanthrene	11.392	178	212154	22.879	ng	99
72) Anthracene	11.445	178	62640	6.805	ng	98
75) Fluoranthene	12.586	202	320667	33.890	ng	98
78) Pyrene	12.816	202	292086	25.095	ng	99
81) Benzo(a)anthracene	13.998	228	126291	16.415	ng	95
83) Chrysene	14.033	228	103109	14.167	ng	97
87) Indeno(1,2,3-cd)pyrene	16.933	276	41220	6.924	ng	96
88) Benzo(b)fluoranthene	15.045	252	120904	24.224	ng	97
89) Benzo(k)fluoranthene	15.045	252	120904	24.837	ng	# 97
90) Benzo(a)pyrene	15.409	252	64661	14.748	ng	97
91) Dibenzo(a,h)anthracene	16.939	278	10755	2.209	ng	# 81
92) Benzo(g,h,i)perylene	17.374	276	42780	8.285	ng	96

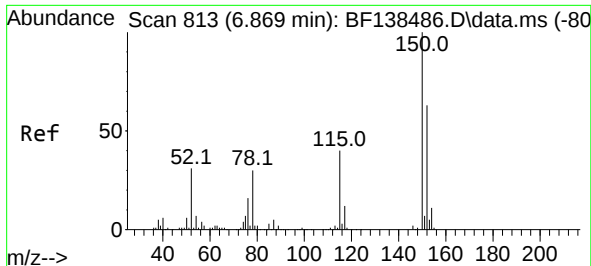
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
Data File : BF138642.D
Acq On : 24 Jul 2024 16:13
Operator : RC/JU
Sample : P3340-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-B

Quant Time: Jul 24 16:46:06 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

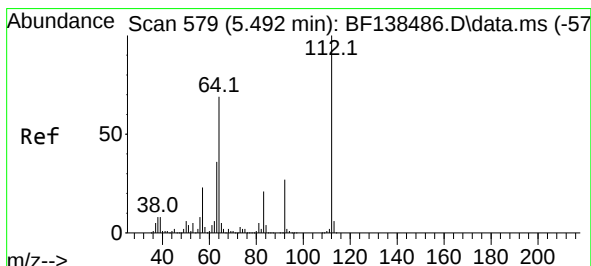
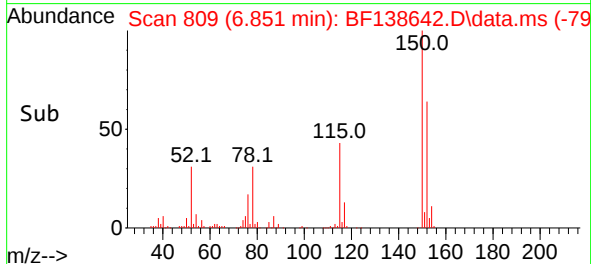
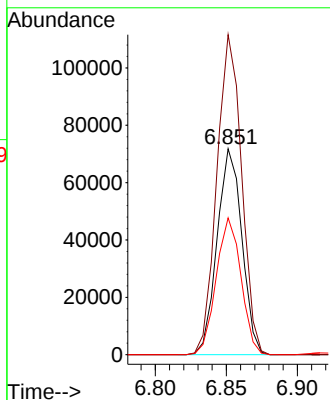
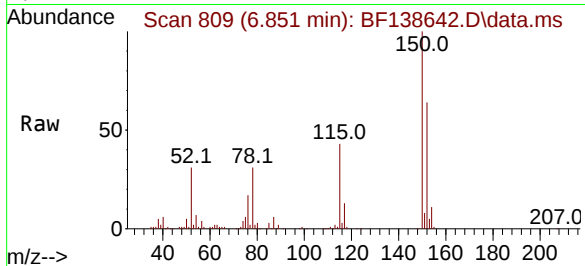




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

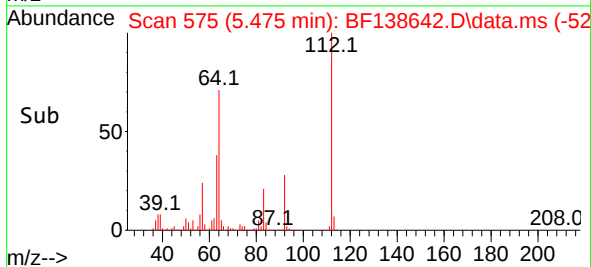
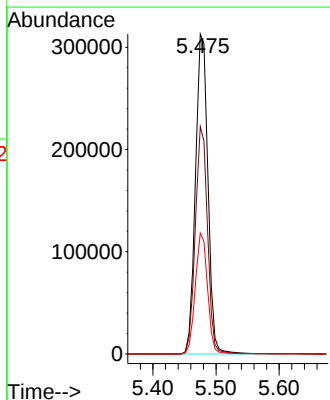
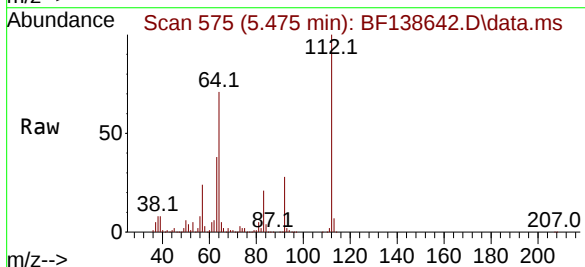
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-B

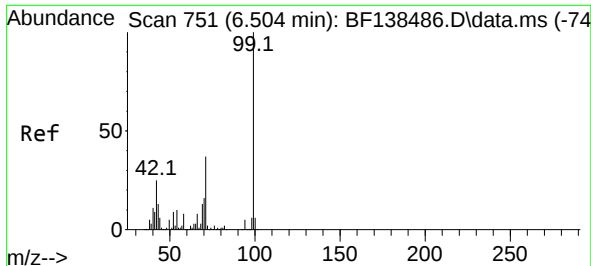
Tgt Ion:152 Resp: 87072
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.4
115 66.4 50.3 75.5



#5
2-Fluorophenol
Concen: 78.025 ng
RT: 5.475 min Scan# 575
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

Tgt Ion:112 Resp: 428966
Ion Ratio Lower Upper
112 100
64 71.1 55.1 82.7
63 37.8 29.0 43.6

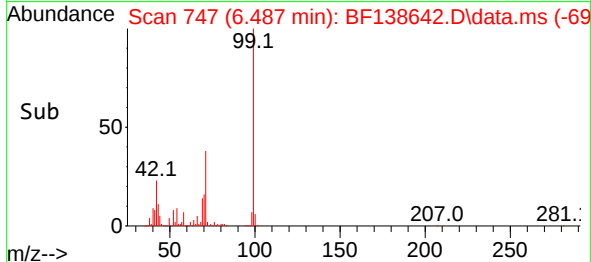
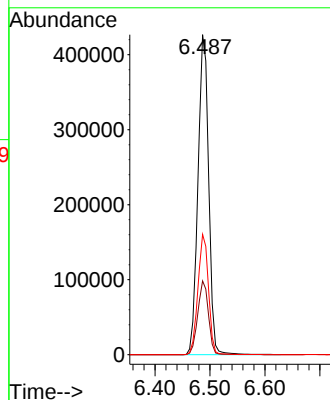
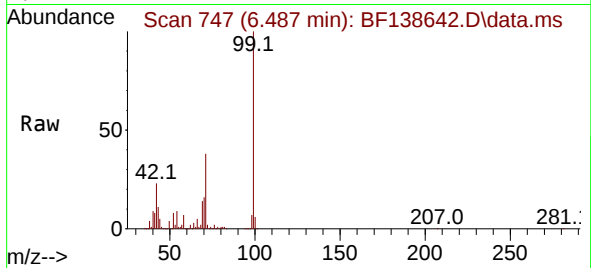




#7
Phenol-d6
Concen: 79.040 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

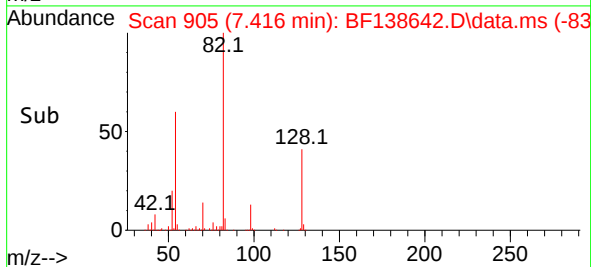
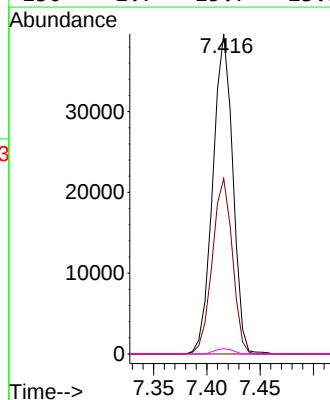
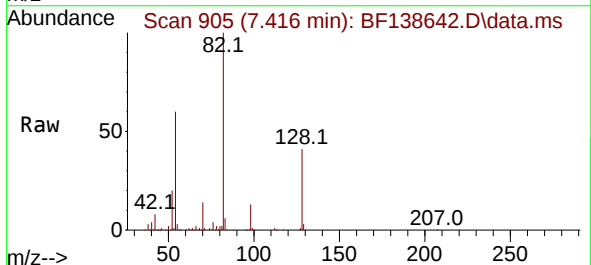
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-B

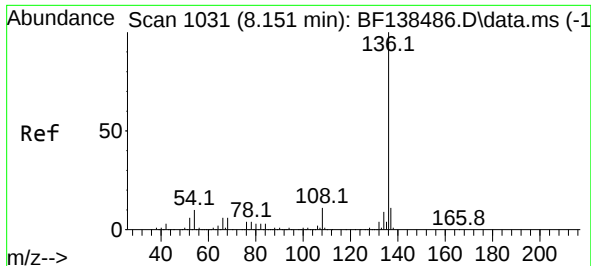
Tgt Ion: 99 Resp: 578080
Ion Ratio Lower Upper
99 100
42 23.0 19.7 29.5
71 37.6 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.429 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

Tgt Ion: 70 Resp: 51648
Ion Ratio Lower Upper
70 100
42 54.8 62.4 93.6#
101 0.0 7.2 10.8#
130 1.7 15.7 23.5#

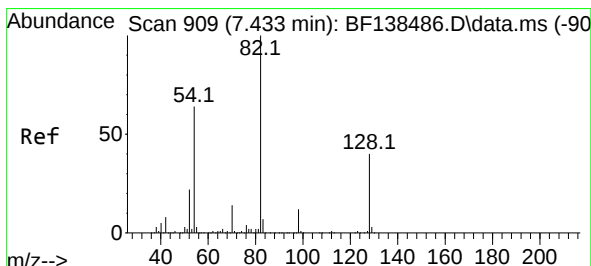
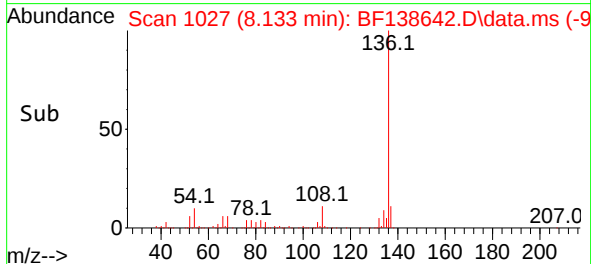
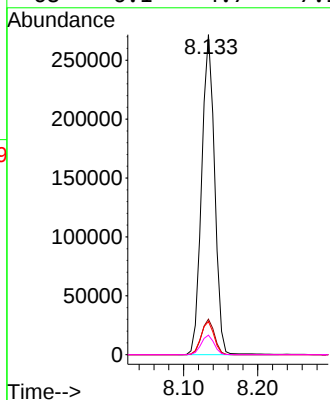
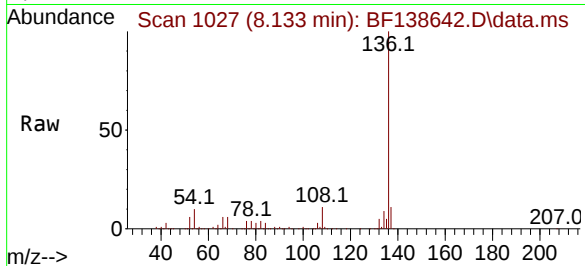




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

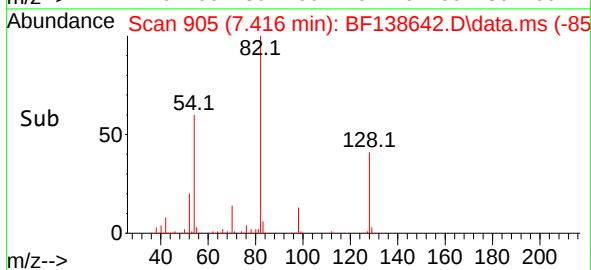
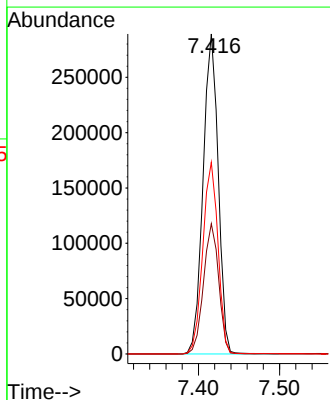
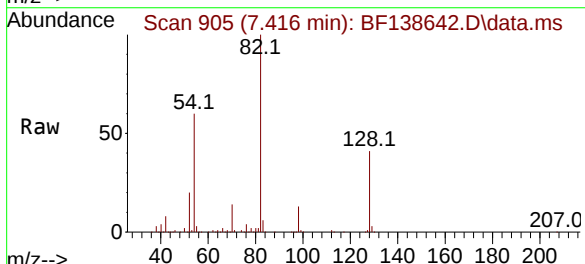
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-B

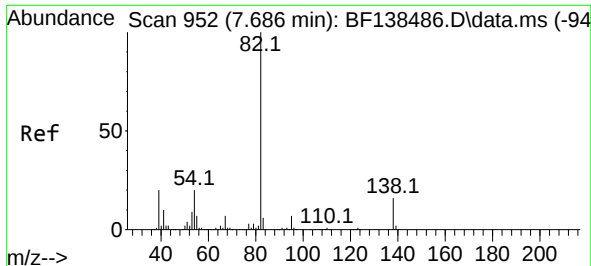
Tgt Ion:136	Resp: 330497
Ion Ratio	Lower Upper
136 100	
137 11.1	8.5 12.7
54 10.4	8.1 12.1
68 6.1	4.7 7.1



#23
Nitrobenzene-d5
Concen: 55.557 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

Tgt Ion: 82	Resp: 373977
Ion Ratio	Lower Upper
82 100	
128 40.7	32.3 48.5
54 59.9	51.4 77.0

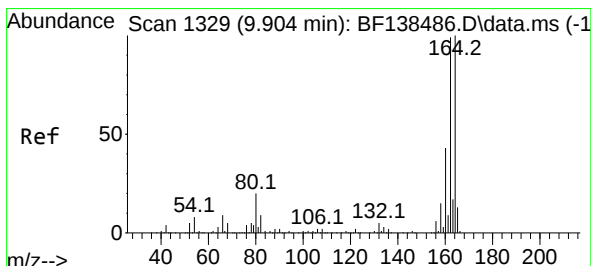
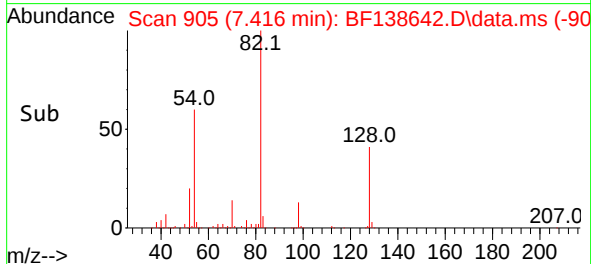
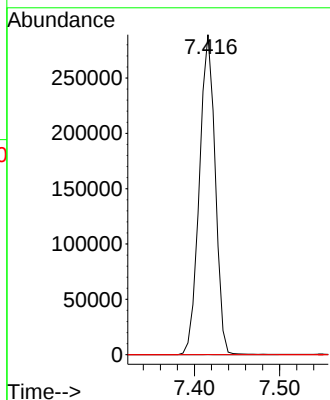
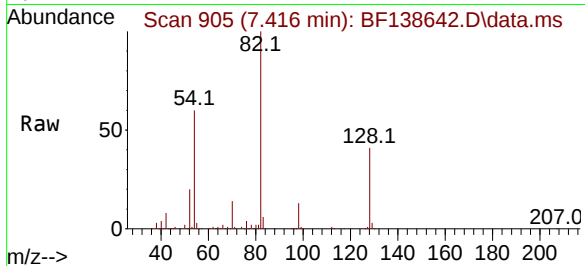




#25
Isophorone
Concen: 32.351 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

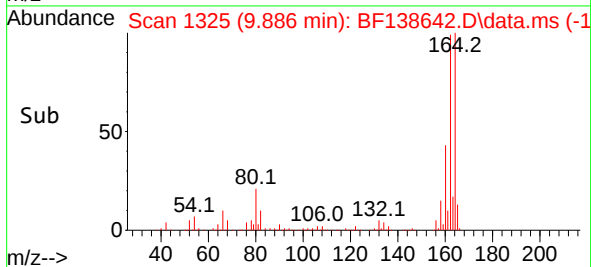
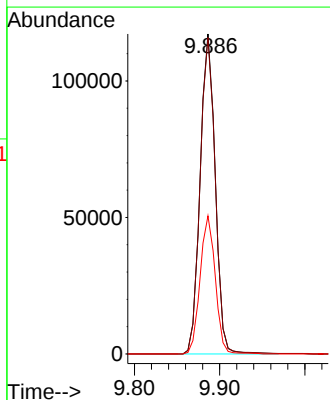
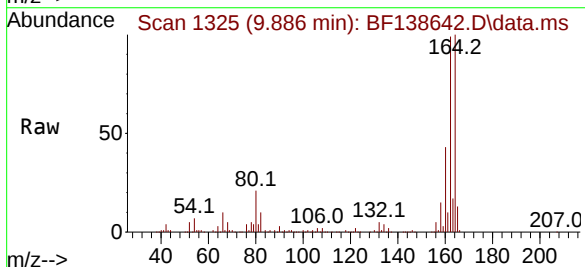
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-B

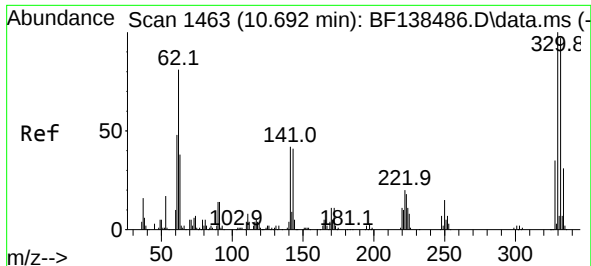
Tgt Ion: 82 Resp: 373975
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

Tgt Ion:164 Resp: 143994
Ion Ratio Lower Upper
164 100
162 98.9 79.0 118.6
160 43.2 34.4 51.6

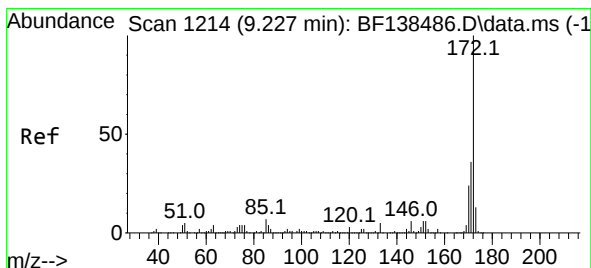
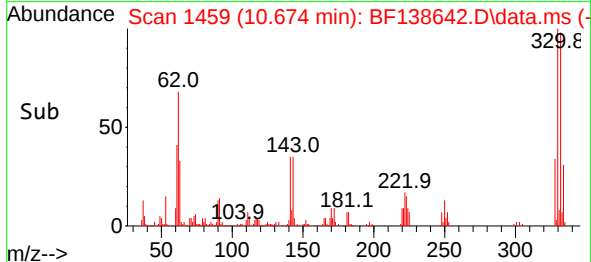
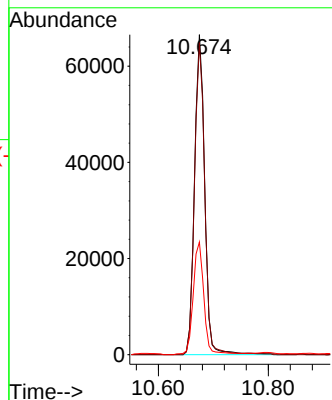
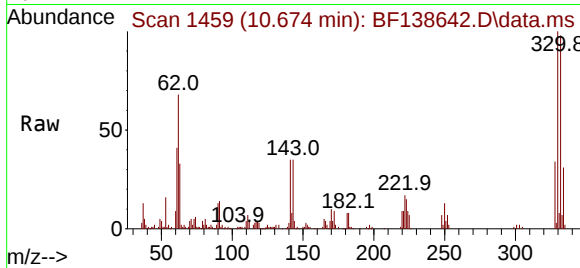




#42
2,4,6-Tribromophenol
Concen: 63.523 ng
RT: 10.674 min Scan# 1459
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

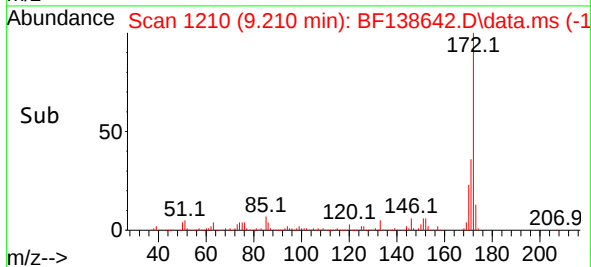
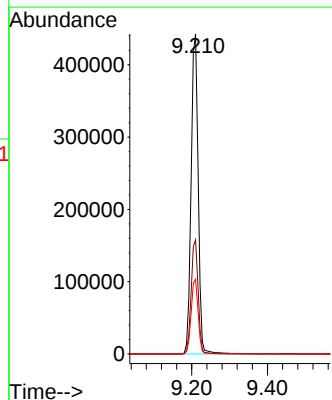
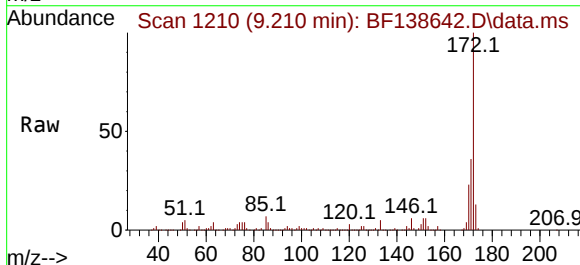
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-B

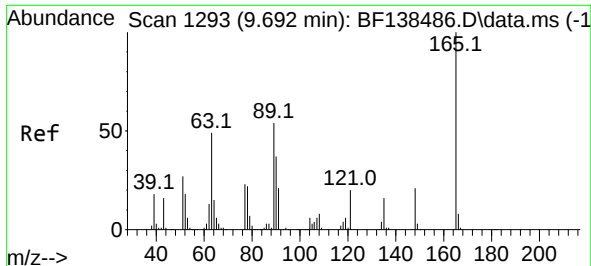
Tgt Ion:330 Resp: 85487
Ion Ratio Lower Upper
330 100
332 97.3 76.8 115.2
141 37.0 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 61.831 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

Tgt Ion:172 Resp: 569662
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.3 18.9 28.3

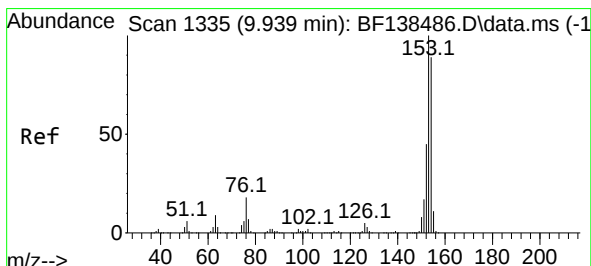
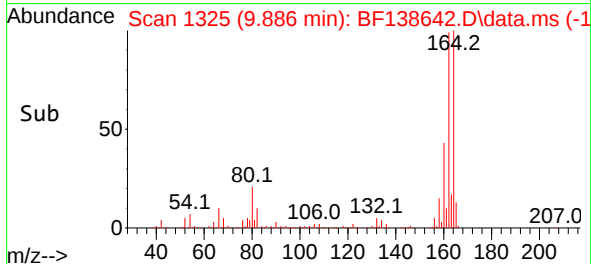
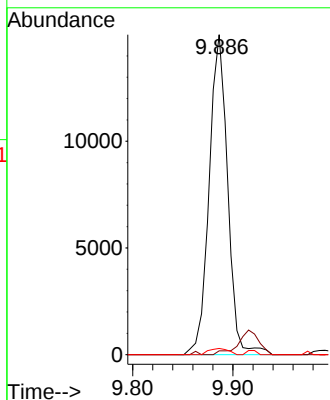
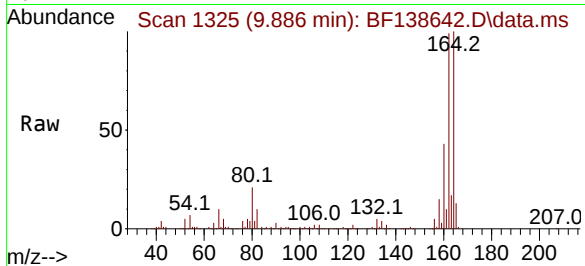




#51
2,6-Dinitrotoluene
Concen: 8.966 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

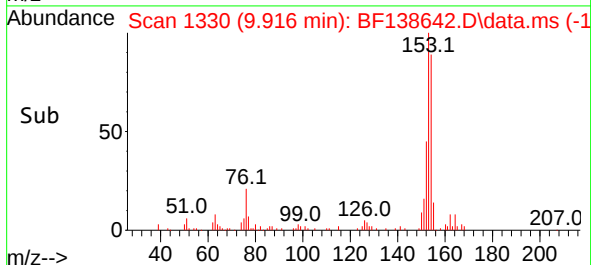
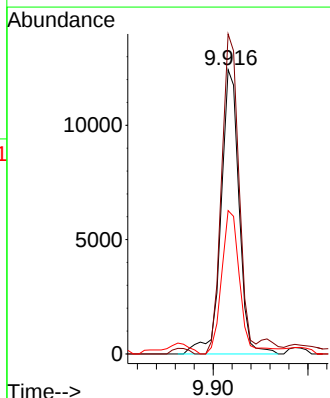
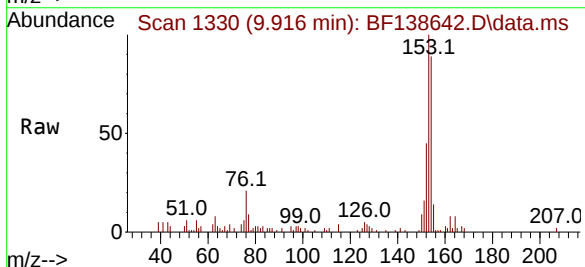
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-B

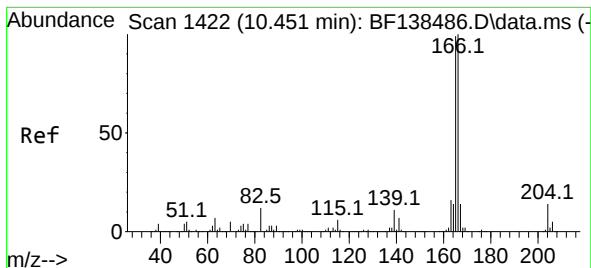
Tgt Ion:165 Resp: 19222
Ion Ratio Lower Upper
165 100
63 1.2 48.1 72.1#
89 1.9 43.0 64.6#



#52
Acenaphthene
Concen: 2.117 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.024 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

Tgt Ion:154 Resp: 16470
Ion Ratio Lower Upper
154 100
153 112.6 90.4 135.6
152 50.4 41.1 61.7

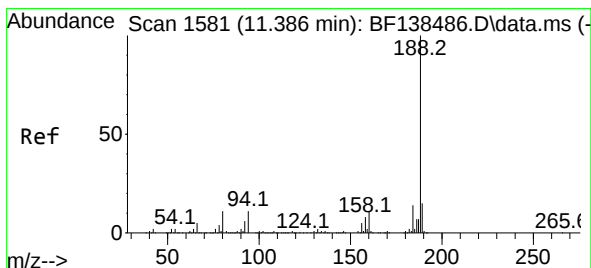
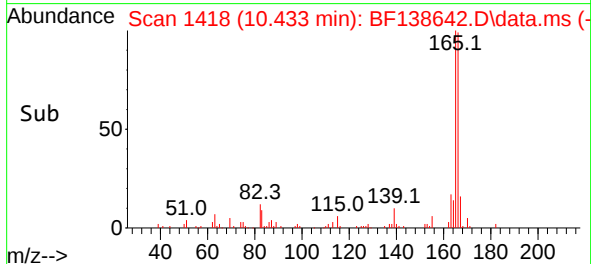
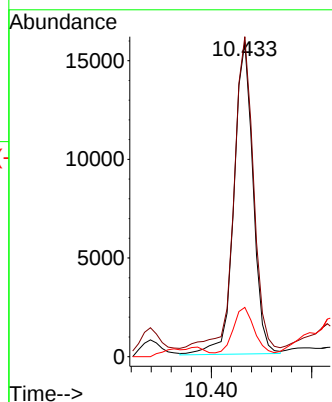
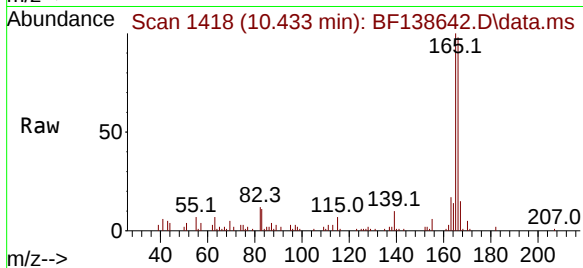




#58
 Fluorene
 Concen: 2.339 ng
 RT: 10.433 min Scan# 1422
 Delta R.T. -0.018 min
 Lab File: BF138642.D
 Acq: 24 Jul 2024 16:13

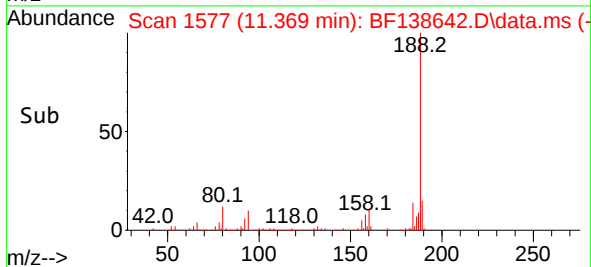
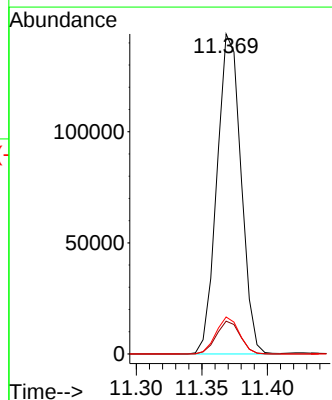
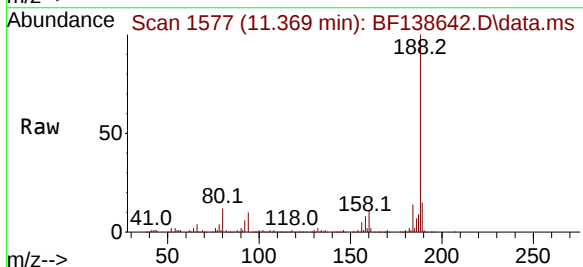
Instrument :
 BNA_F
 ClientSampleId :
 GREEN-STREET-B

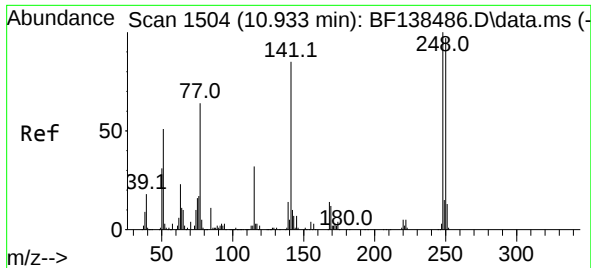
Tgt Ion:166 Resp: 20888
 Ion Ratio Lower Upper
 166 100
 165 101.8 79.1 118.7
 167 15.7 11.0 16.6



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.369 min Scan# 1577
 Delta R.T. -0.018 min
 Lab File: BF138642.D
 Acq: 24 Jul 2024 16:13

Tgt Ion:188 Resp: 183545
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.7 13.1
 80 11.6 9.0 13.4

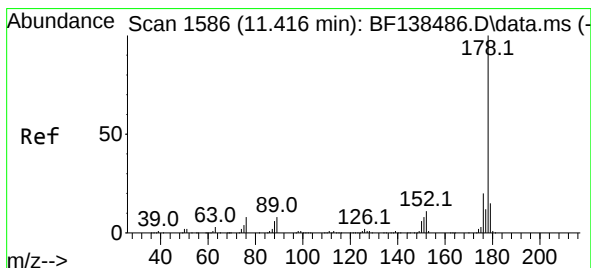
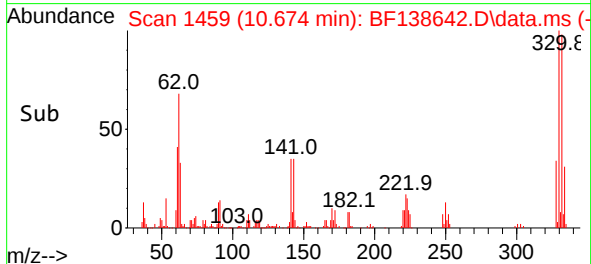
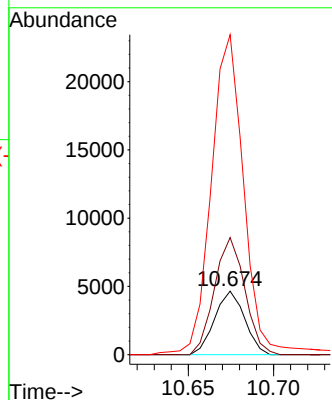
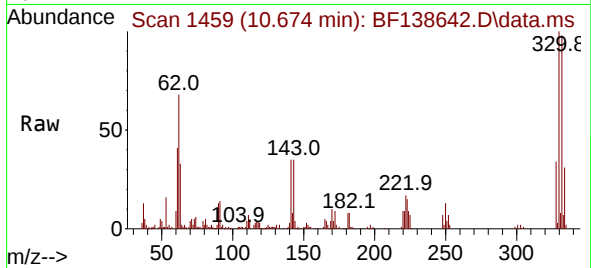




#67
4-Bromophenyl-phenylether
Concen: 3.025 ng
RT: 10.674 min Scan# 1414
Delta R.T. -0.259 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

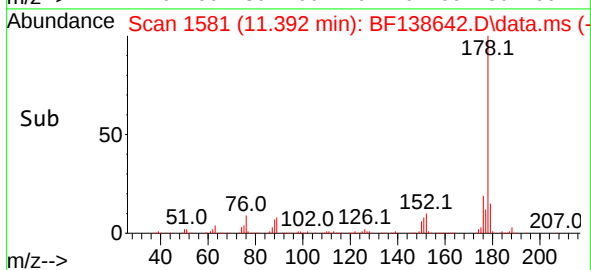
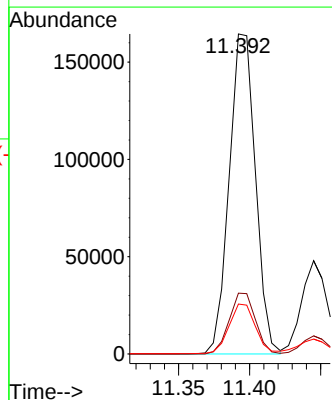
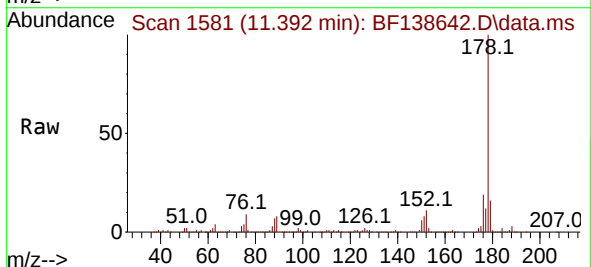
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-B

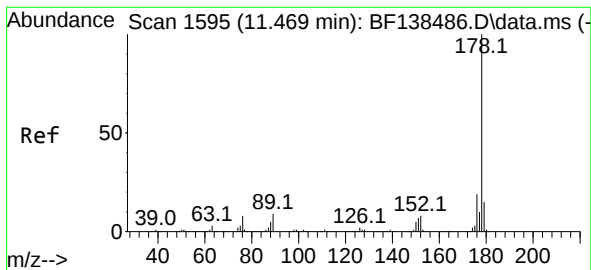
Tgt Ion:248 Resp: 5707
Ion Ratio Lower Upper
248 100
250 184.2 77.9 116.9#
141 503.2 67.7 101.5#



#71
Phenanthrene
Concen: 22.879 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.023 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

Tgt Ion:178 Resp: 212154
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 15.6 12.2 18.2





#72

Anthracene

Concen: 6.805 ng

RT: 11.445 min Scan# 1

Delta R.T. -0.024 min

Lab File: BF138642.D

Acq: 24 Jul 2024 16:13

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-B

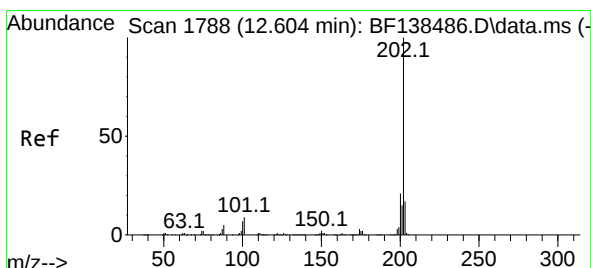
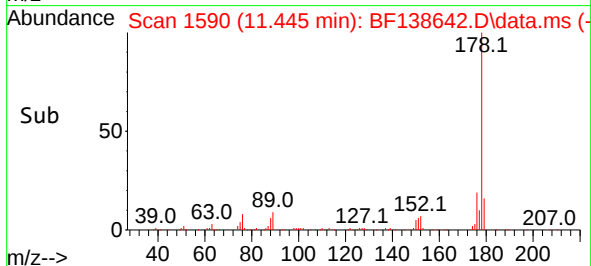
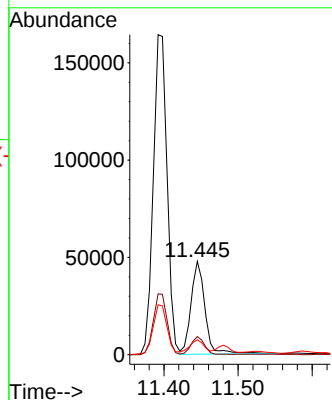
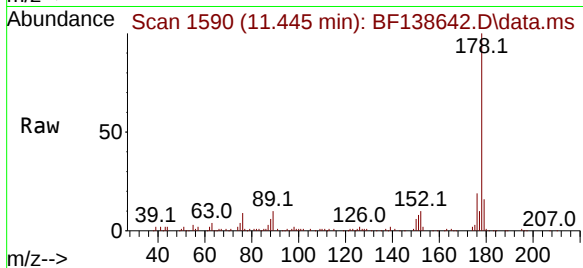
Tgt Ion:178 Resp: 62640

Ion Ratio Lower Upper

178 100

176 19.4 14.8 22.2

179 16.0 12.2 18.4



#75

Fluoranthene

Concen: 33.890 ng

RT: 12.586 min Scan# 1784

Delta R.T. -0.018 min

Lab File: BF138642.D

Acq: 24 Jul 2024 16:13

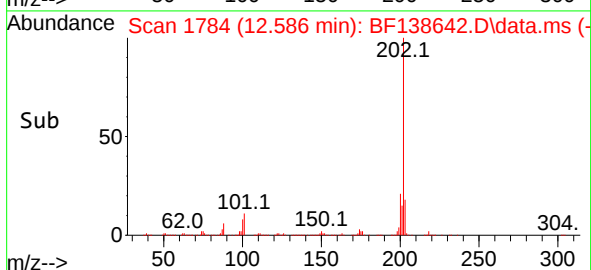
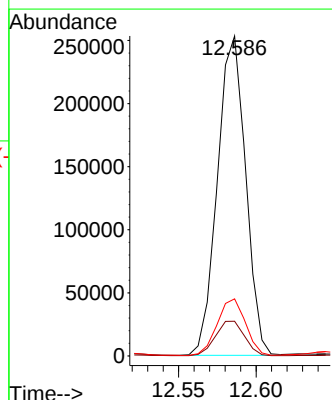
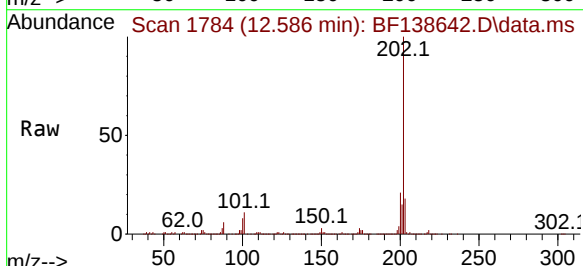
Tgt Ion:202 Resp: 320667

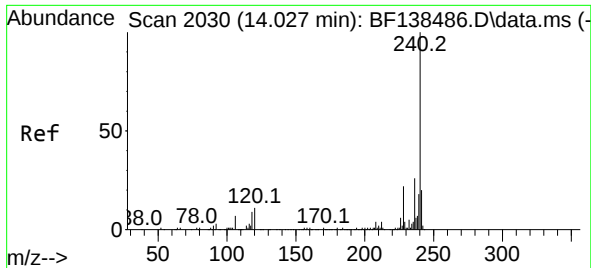
Ion Ratio Lower Upper

202 100

101 10.9 0.0 29.2

203 17.9 0.0 37.3

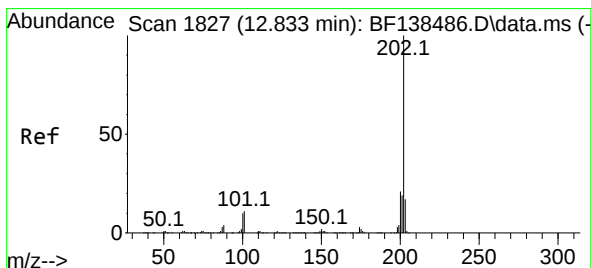
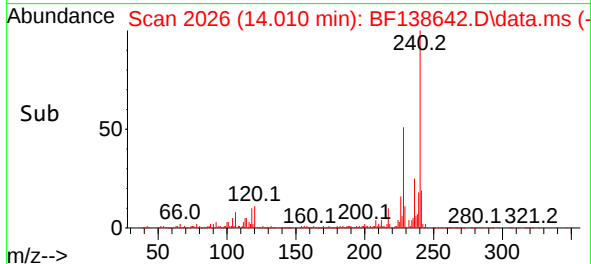
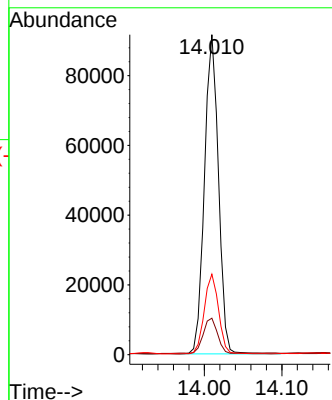
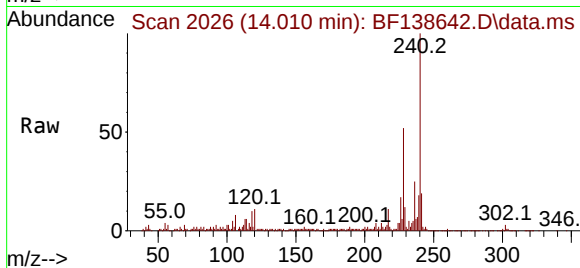




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2030
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

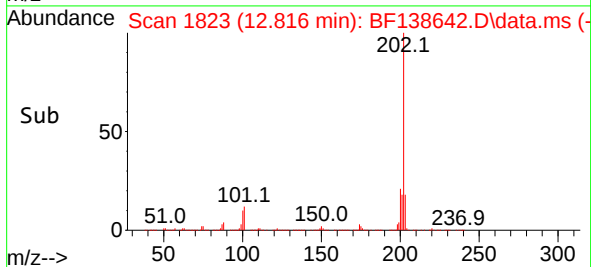
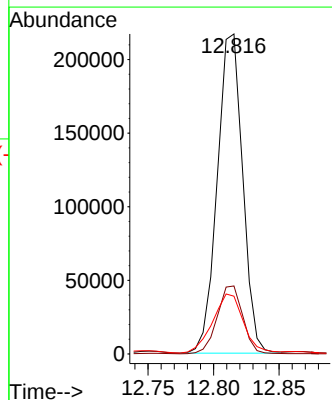
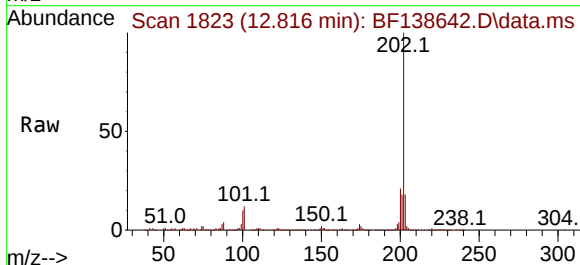
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-B

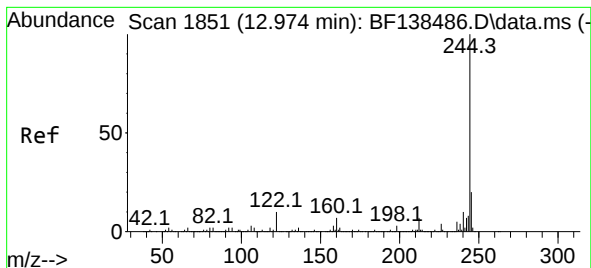
Tgt Ion:240 Resp: 114659
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 25.1 21.0 31.6



#78
Pyrene
Concen: 25.095 ng
RT: 12.816 min Scan# 1823
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

Tgt Ion:202 Resp: 292086
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 18.0 13.7 20.5





#79

Terphenyl-d14

Concen: 54.850 ng

RT: 12.951 min Scan# 1

Delta R.T. -0.024 min

Lab File: BF138642.D

Acq: 24 Jul 2024 16:13

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-B

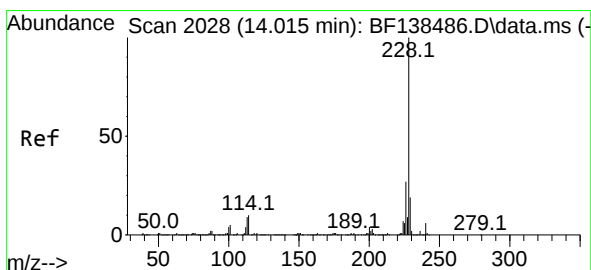
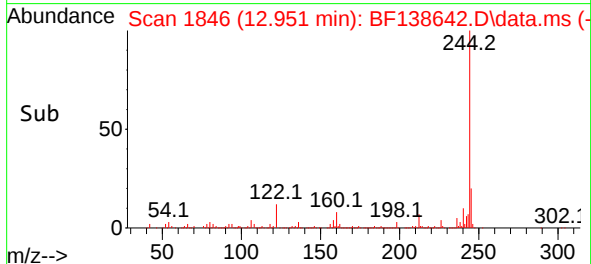
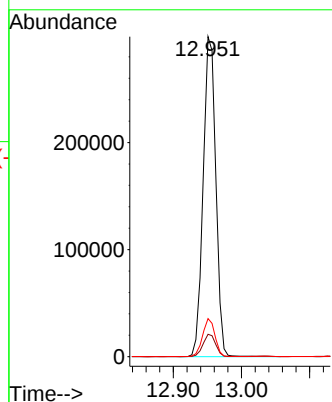
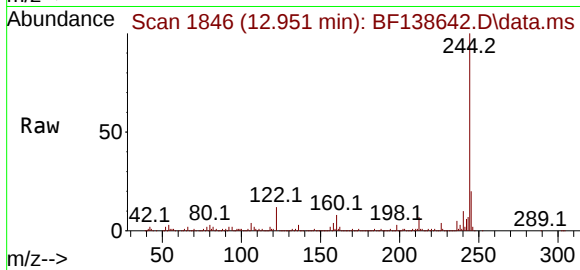
Tgt Ion:244 Resp: 386038

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 11.9 7.8 11.8#



#81

Benzo(a)anthracene

Concen: 16.415 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.018 min

Lab File: BF138642.D

Acq: 24 Jul 2024 16:13

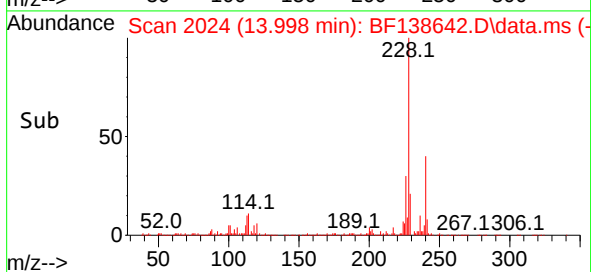
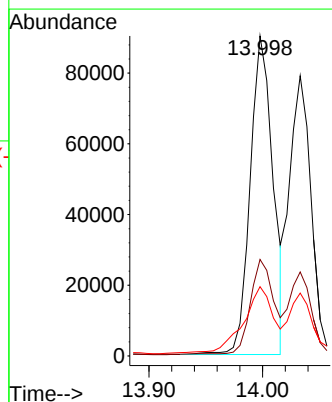
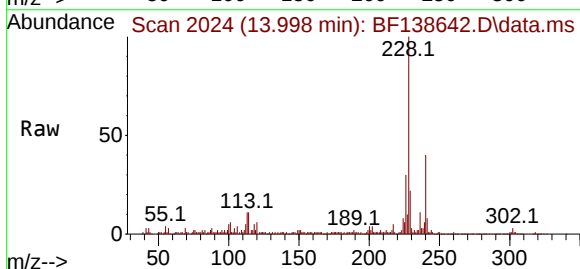
Tgt Ion:228 Resp: 126291

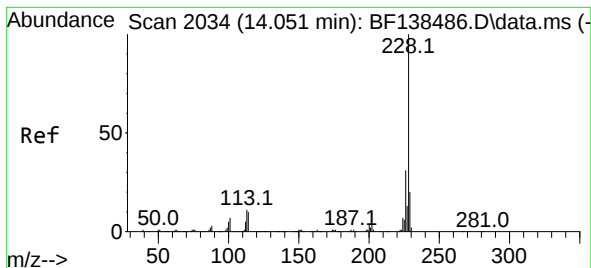
Ion Ratio Lower Upper

228 100

226 30.1 21.9 32.9

229 21.6 15.5 23.3





#83

Chrysene

Concen: 14.167 ng

RT: 14.033 min Scan# 2034

Delta R.T. -0.018 min

Lab File: BF138642.D

Acq: 24 Jul 2024 16:13

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-B

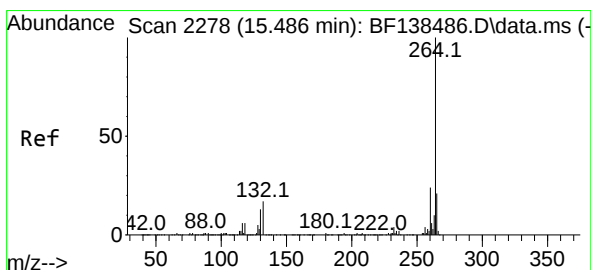
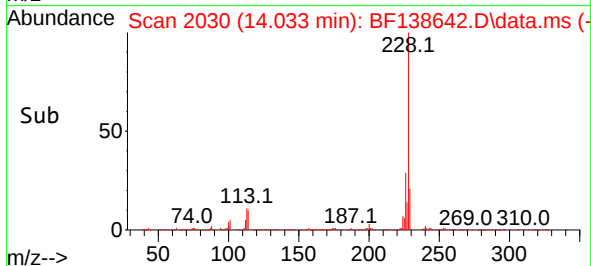
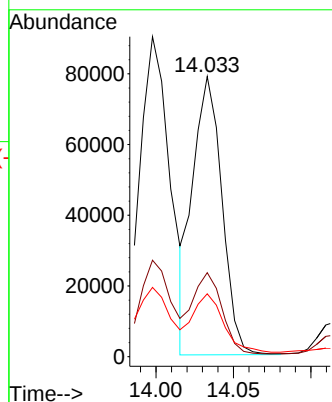
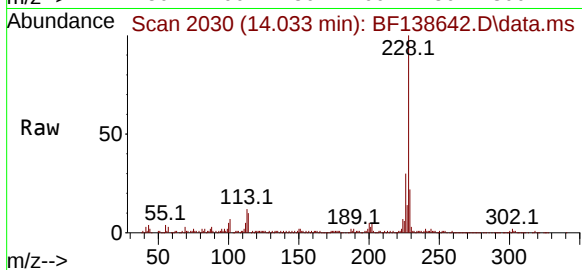
Tgt Ion:228 Resp: 103109

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 22.5 16.0 24.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.018 min

Lab File: BF138642.D

Acq: 24 Jul 2024 16:13

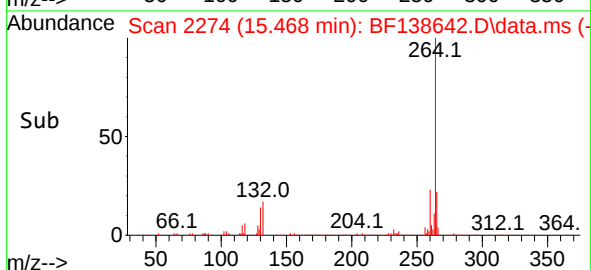
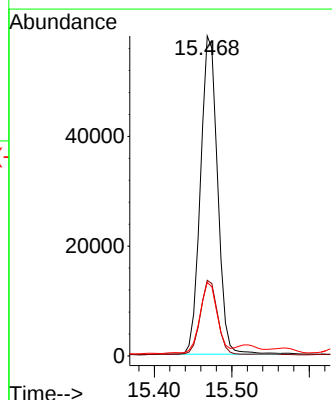
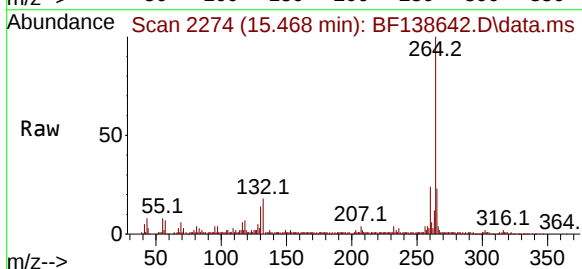
Tgt Ion:264 Resp: 88626

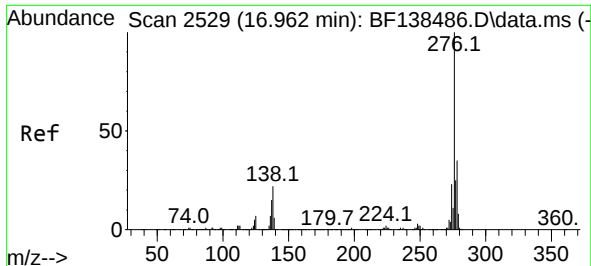
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 23.0 17.0 25.4

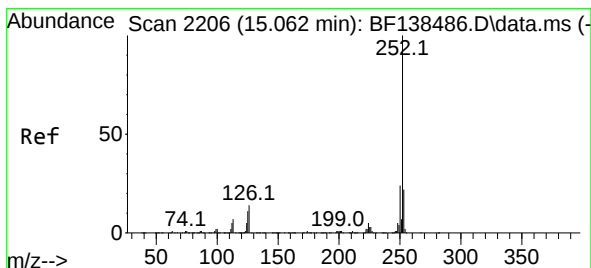
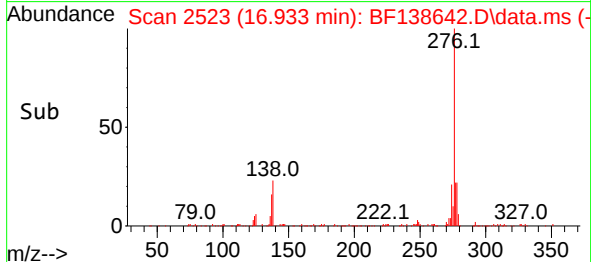
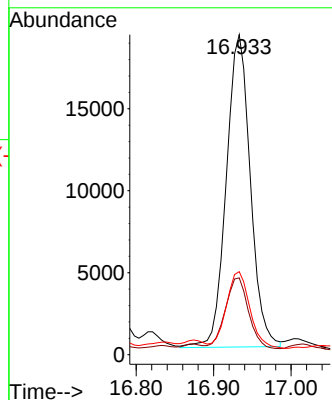
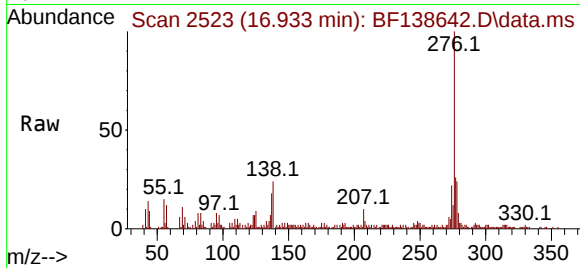




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 6.924 ng
 RT: 16.933 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BF138642.D
 Acq: 24 Jul 2024 16:13

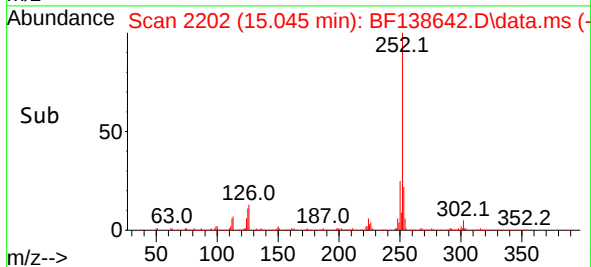
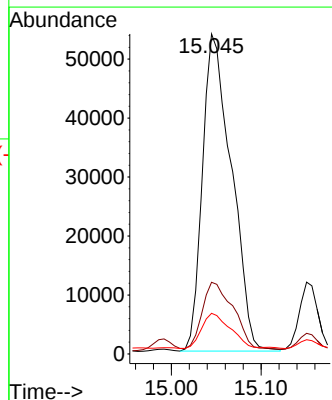
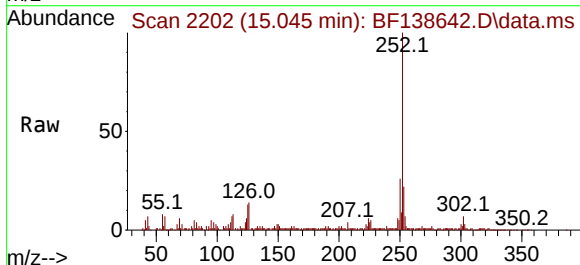
Instrument :
 BNA_F
 ClientSampleId :
 GREEN-STREET-B

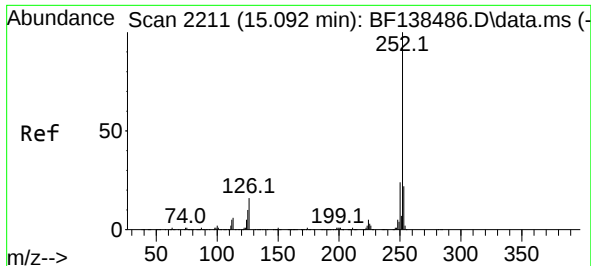
Tgt Ion:276 Resp: 41220
 Ion Ratio Lower Upper
 276 100
 138 21.9 19.6 29.4
 277 24.0 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 24.224 ng
 RT: 15.045 min Scan# 2202
 Delta R.T. -0.018 min
 Lab File: BF138642.D
 Acq: 24 Jul 2024 16:13

Tgt Ion:252 Resp: 120904
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.3 25.9
 125 12.7 8.6 13.0

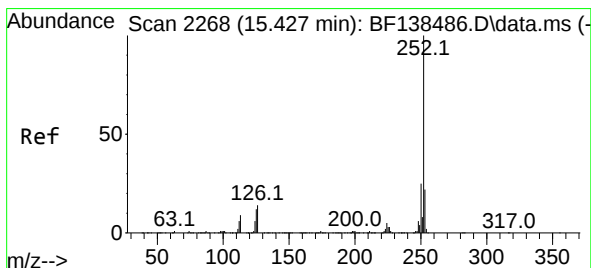
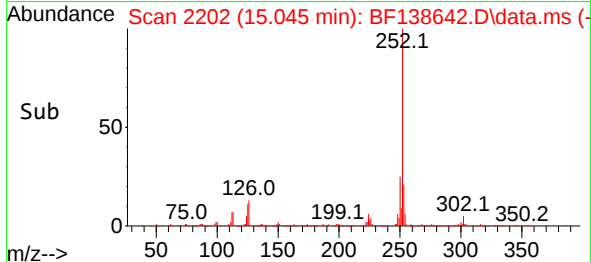
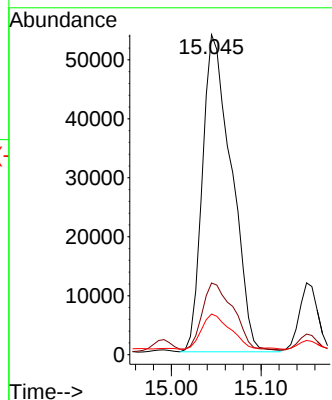
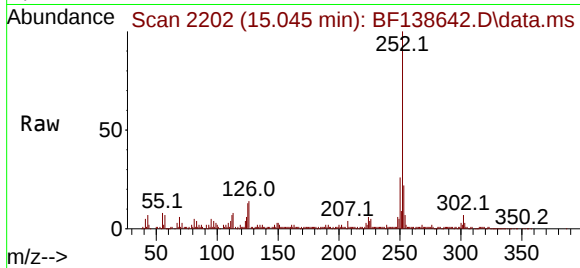




#89
Benzo(k)fluoranthene
Concen: 24.837 ng
RT: 15.045 min Scan# 211
Delta R.T. -0.047 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

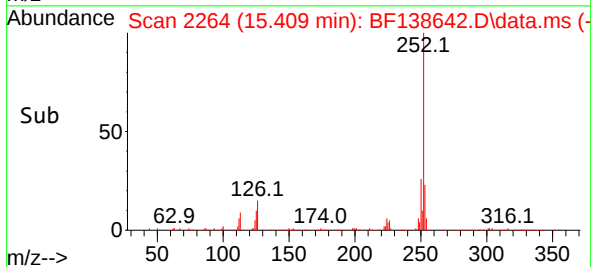
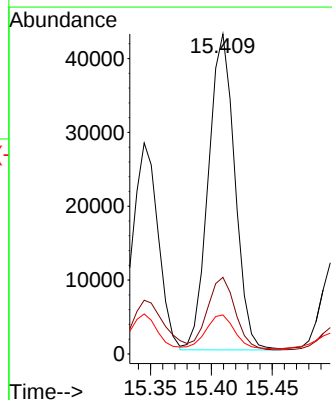
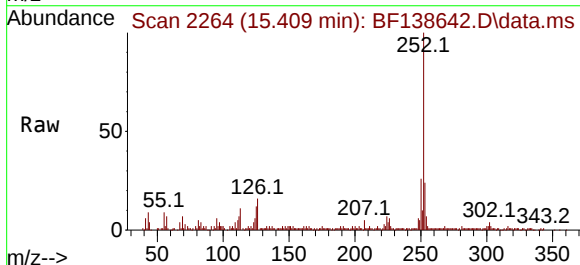
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-B

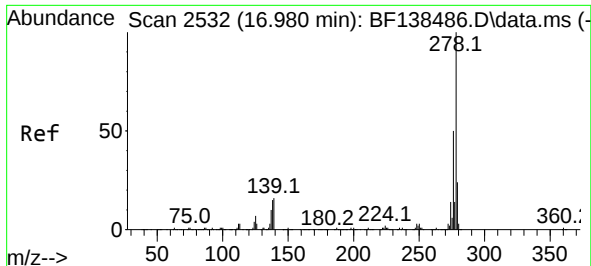
Tgt Ion:252 Resp: 120904
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 12.7 8.1 12.1#



#90
Benzo(a)pyrene
Concen: 14.748 ng
RT: 15.409 min Scan# 2264
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

Tgt Ion:252 Resp: 64661
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.0
125 12.2 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 2.209 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF138642.D

Acq: 24 Jul 2024 16:13

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-B

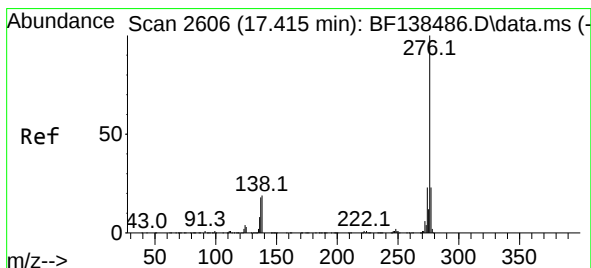
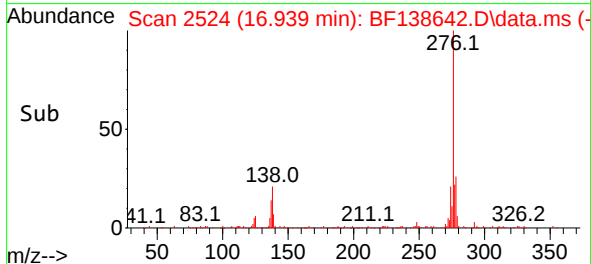
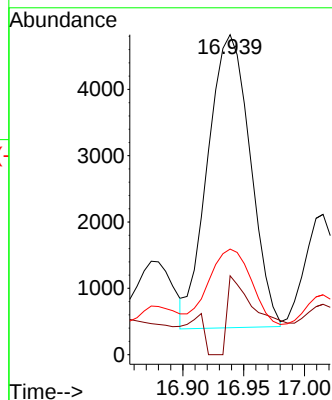
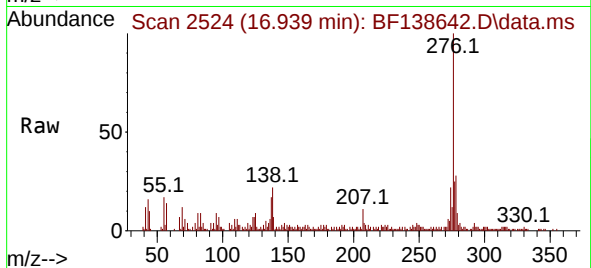
Tgt Ion:278 Resp: 10755

Ion Ratio Lower Upper

278 100

139 24.7 12.8 19.2#

279 33.0 19.1 28.7#



#92

Benzo(g,h,i)perylene

Concen: 8.285 ng

RT: 17.374 min Scan# 2598

Delta R.T. -0.041 min

Lab File: BF138642.D

Acq: 24 Jul 2024 16:13

Tgt Ion:276 Resp: 42780

Ion Ratio Lower Upper

276 100

277 24.8 18.0 27.0

138 21.2 15.5 23.3

