

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061024\
 Data File : BF138177.D
 Acq On : 10 Jun 2024 17:38
 Operator : CG\JU
 Sample : P2795-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1-(0-5)-COMP

Quant Time: Jun 10 18:09:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

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

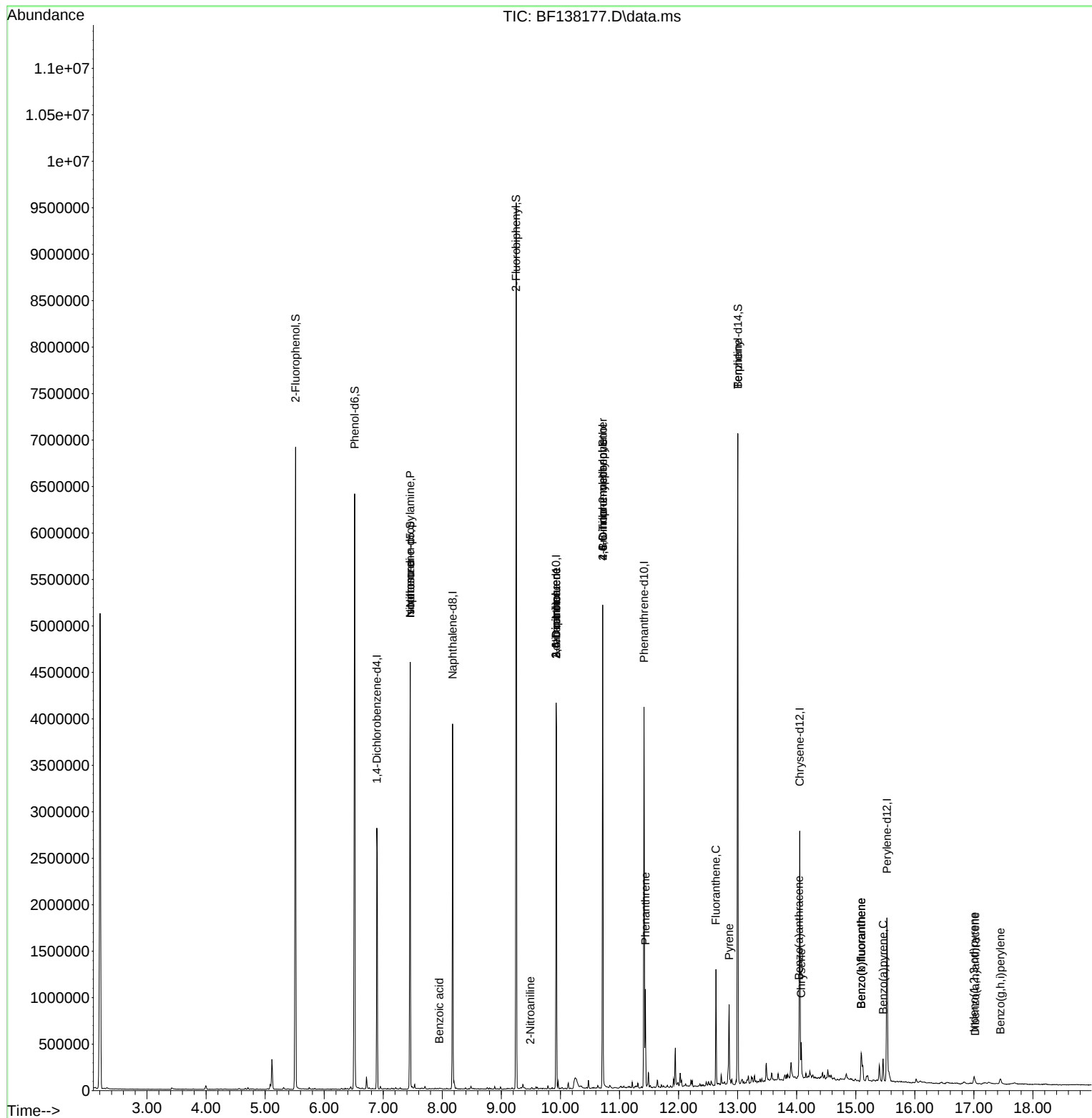
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	411428	20.000	ng	-0.02
21) Naphthalene-d8	8.175	136	1584123	20.000	ng	-0.02
39) Acenaphthene-d10	9.927	164	847329	20.000	ng	-0.02
64) Phenanthrene-d10	11.416	188	1370433	20.000	ng	#-0.02
76) Chrysene-d12	14.051	240	754087	20.000	ng	-0.02
86) Perylene-d12	15.527	264	832775	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1869343	77.433	ng	-0.01
7) Phenol-d6	6.516	99	2404279	78.714	ng	-0.02
23) Nitrobenzene-d5	7.457	82	1300227	55.844	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	582148	71.390	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	2655655	54.802	ng	-0.02
79) Terphenyl-d14	13.004	244	2313468	45.888	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.445	77	2797	Below Cal	#	71
19) n-Nitroso-di-n-propyla...	7.457	70	168569	8.655	ng	# 78
25) Isophorone	7.457	82	1300203	25.348	ng	# 63
32) Benzoic acid	7.951	122	700	7.990	ng	# 38
48) 2-Nitroaniline	9.492	65	151	4.808	ng	# 1
51) 2,6-Dinitrotoluene	9.927	165	113379	12.519	ng	# 25
53) 3-Nitroaniline	9.927	138	148	2.956	ng	# 1
57) 2,4-Dinitrotoluene	9.927	165	113379	11.377	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.716	198	1433	8.676	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	35829	2.296	ng	# 1
71) Phenanthrene	11.439	178	327006	4.957	ng	95
75) Fluoranthene	12.633	202	410718	5.770	ng	96
77) Benzidine	13.004	184	29931	3.857	ng	# 94
78) Pyrene	12.857	202	330801	4.851	ng	94
81) Benzo(a)anthracene	14.039	228	154629	3.250	ng	99
83) Chrysene	14.074	228	140780	3.083	ng	98
87) Indeno(1,2,3-cd)pyrene	17.003	276	51986	4.546	ng	96
88) Benzo(b)fluoranthene	15.092	252	246842	4.715	ng	# 98
89) Benzo(k)fluoranthene	15.092	252	246842	4.944	ng	# 97
90) Benzo(a)pyrene	15.462	252	118725	2.994	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	13443	3.998	ng	# 78
92) Benzo(g,h,i)perylene	17.451	276	49489	4.217	ng	97

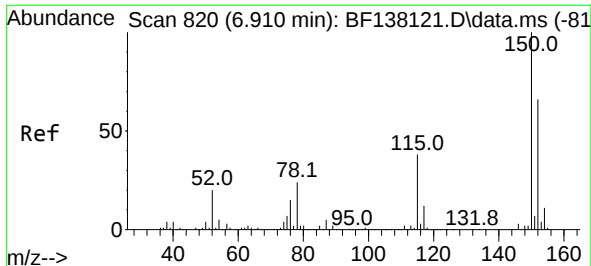
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061024\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-1-(0-5)-COMP

Quant Time: Jun 10 18:09:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 05:19:29 2024
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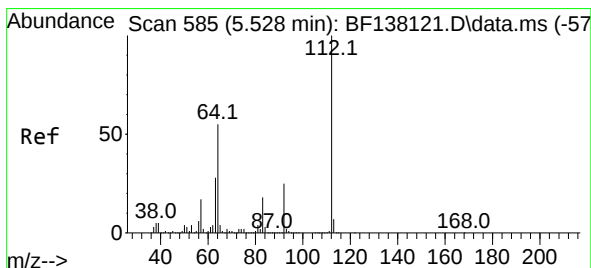
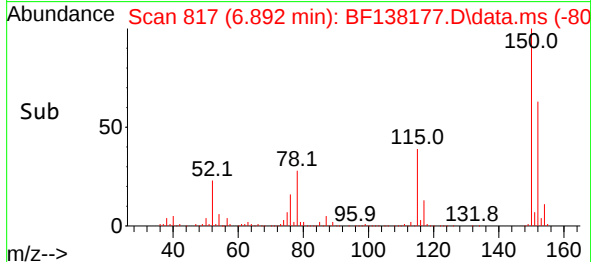
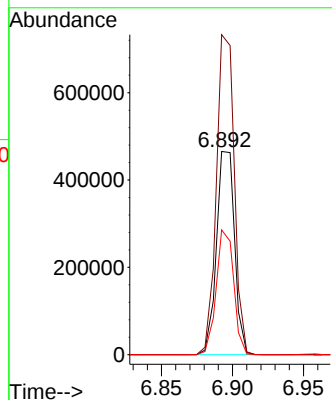
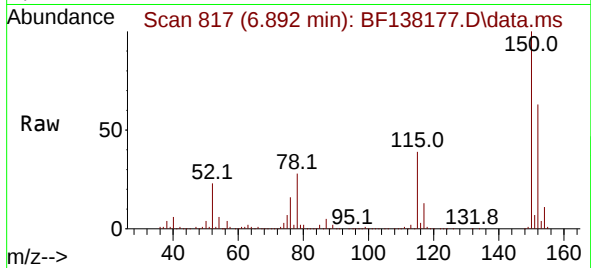




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

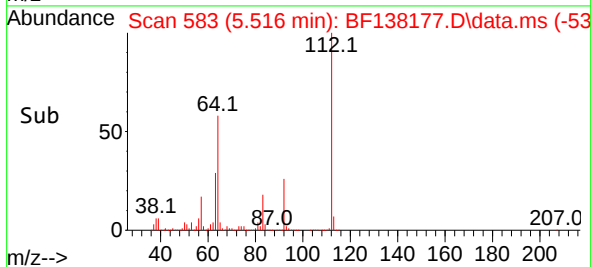
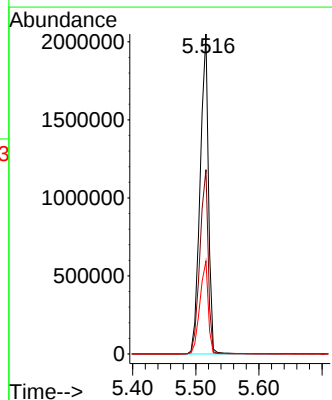
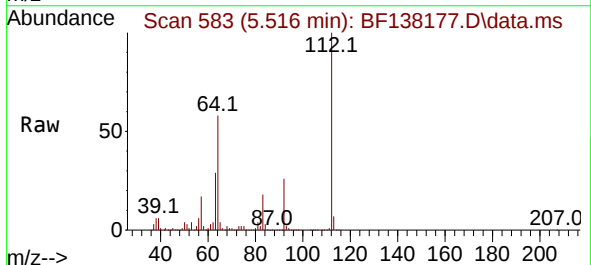
Instrument :
BNA_F
ClientSampleId :
WC-1-(0-5)-COMP

Tgt Ion:152 Resp: 411428
Ion Ratio Lower Upper
152 100
150 157.5 121.8 182.6
115 61.4 46.2 69.2



#5
2-Fluorophenol
Concen: 77.433 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.012 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

Tgt Ion:112 Resp: 1869343
Ion Ratio Lower Upper
112 100
64 57.6 44.0 66.0
63 29.0 22.1 33.1

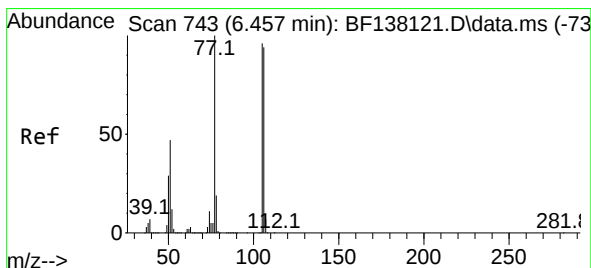
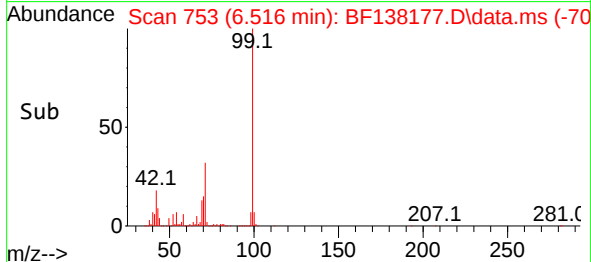
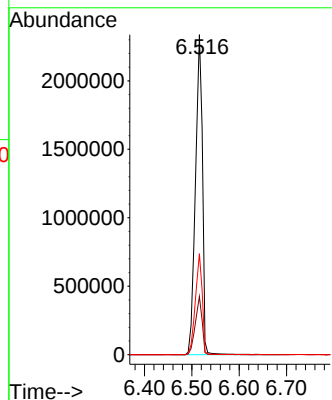
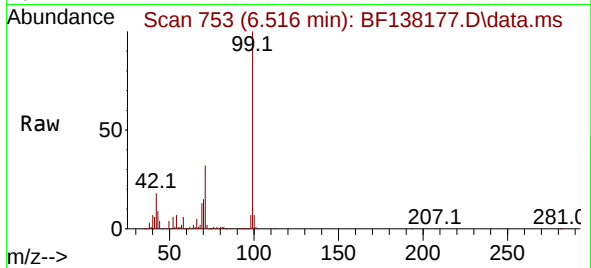




#7
Phenol-d6
Concen: 78.714 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

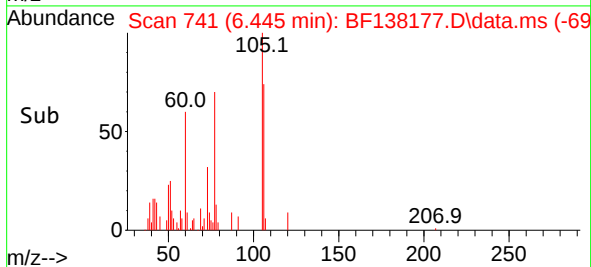
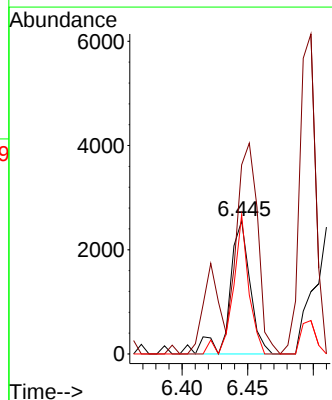
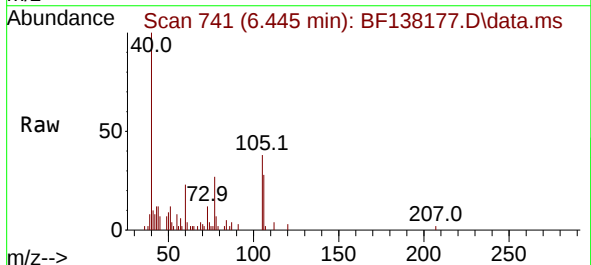
Instrument :
BNA_F
ClientSampleId :
WC-1-(0-5)-COMP

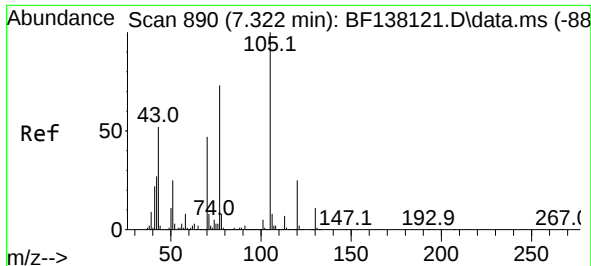
Tgt Ion: 99 Resp: 2404279
Ion Ratio Lower Upper
99 100
42 18.2 14.4 21.6
71 31.5 25.5 38.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

Tgt Ion: 77 Resp: 2797
Ion Ratio Lower Upper
77 100
105 142.2 75.8 115.8#
106 104.5 73.9 113.9

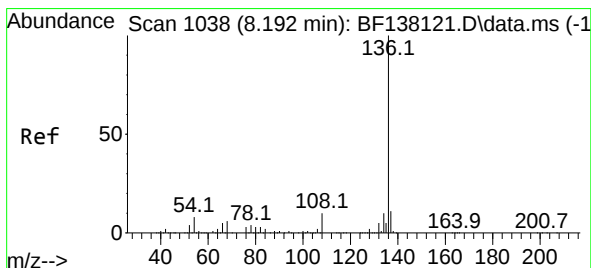
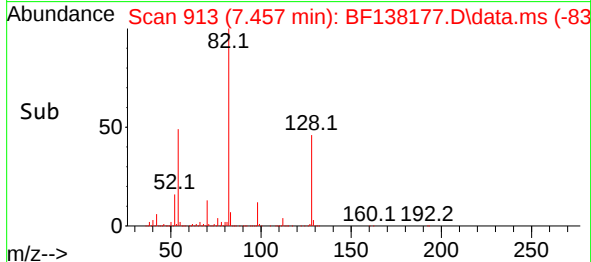
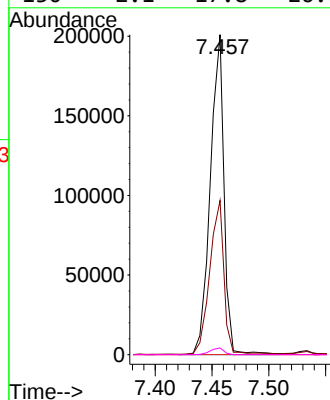
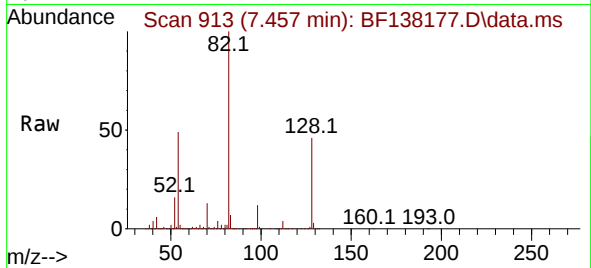




#19
n-Nitroso-di-n-propylamine
Concen: 8.655 ng
RT: 7.457 min Scan# 91
Delta R.T. 0.135 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

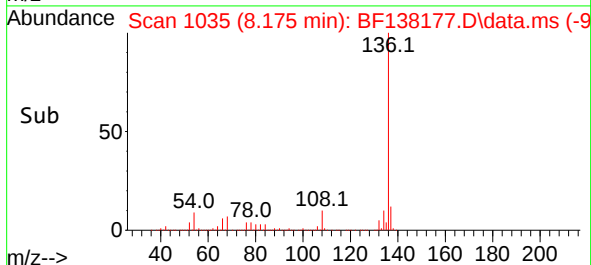
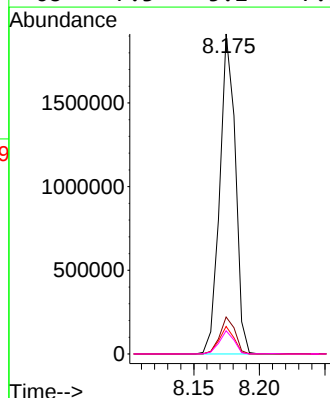
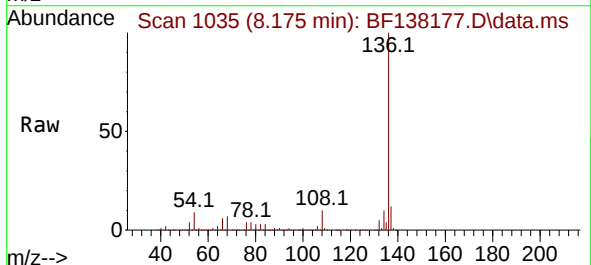
Instrument :
BNA_F
ClientSampleId :
WC-1-(0-5)-COMP

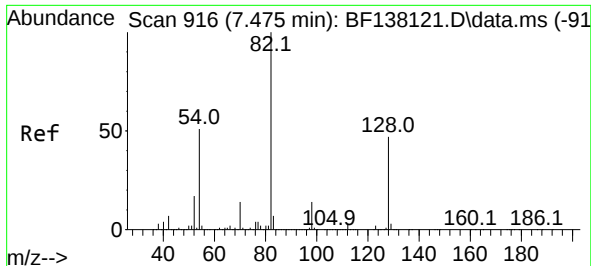
Tgt Ion: 70 Resp: 168569
Ion Ratio Lower Upper
70 100
42 48.2 46.3 69.5
101 0.0 7.7 11.5#
130 2.1 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.018 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

Tgt Ion: 136 Resp: 1584123
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 8.6 6.2 9.2
68 7.3 5.2 7.8

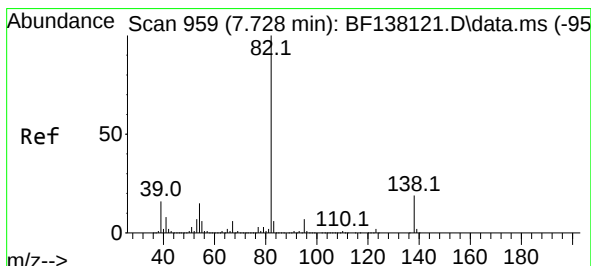
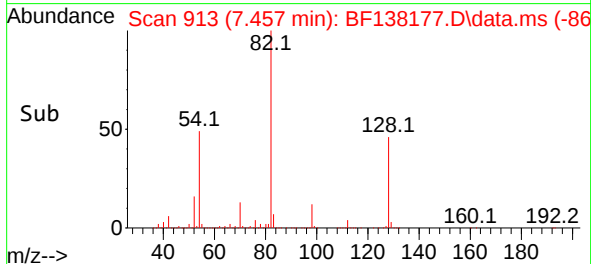
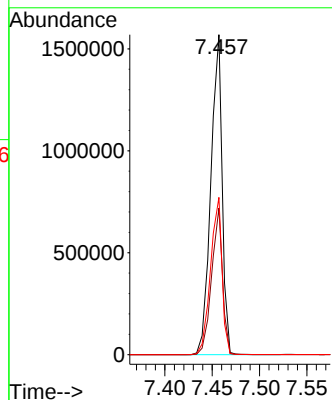
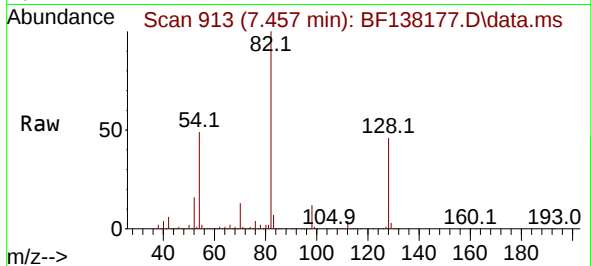




#23
Nitrobenzene-d5
Concen: 55.844 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.018 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

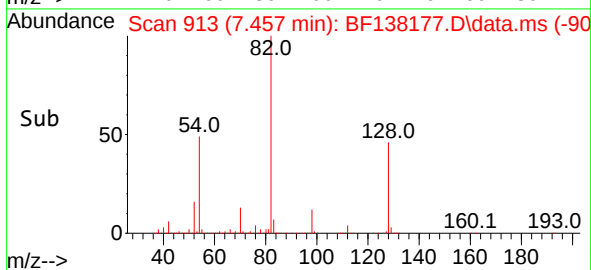
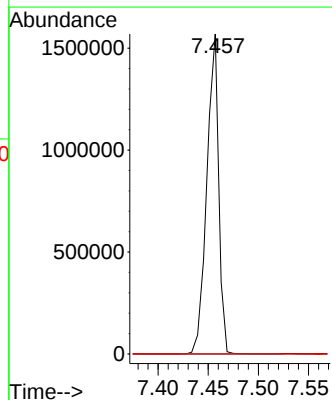
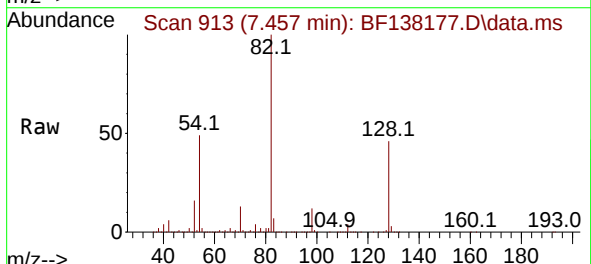
Instrument :
BNA_F
ClientSampleId :
WC-1-(0-5)-COMP

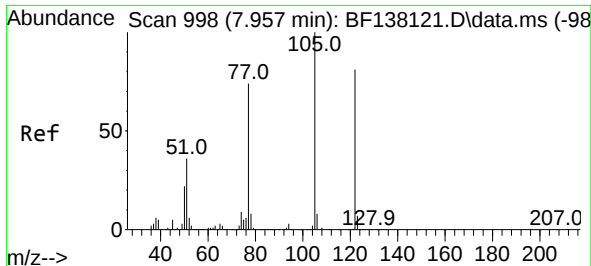
Tgt Ion: 82 Resp: 1300227
Ion Ratio Lower Upper
82 100
128 45.8 37.7 56.5
54 49.1 40.8 61.2



#25
Isophorone
Concen: 25.348 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.271 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

Tgt Ion: 82 Resp: 1300203
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.5 23.3#

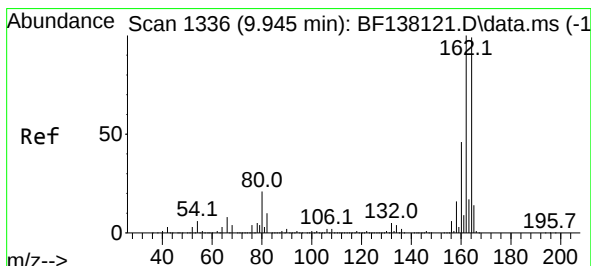
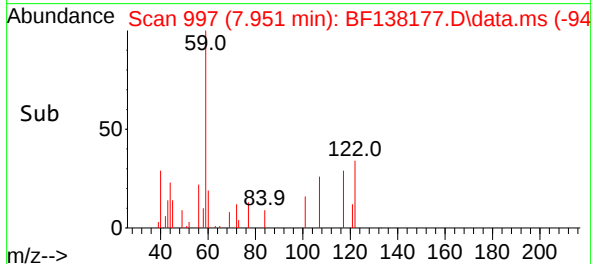
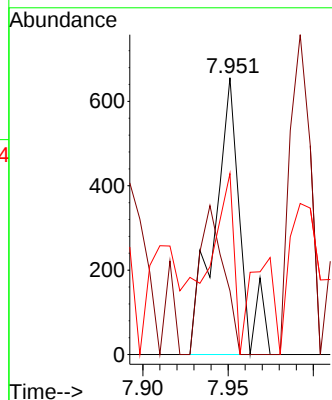
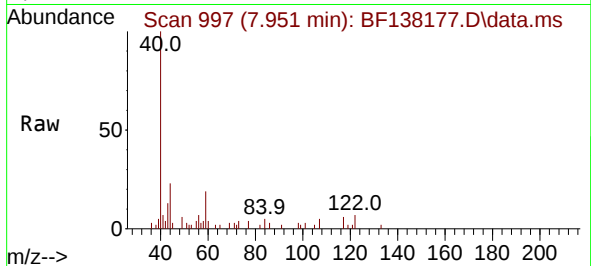




#32
Benzoic acid
Concen: 7.990 ng
RT: 7.951 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

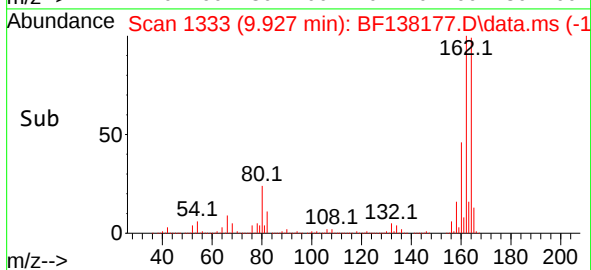
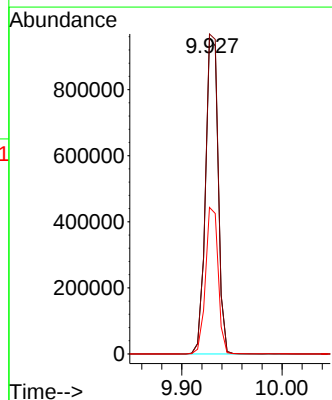
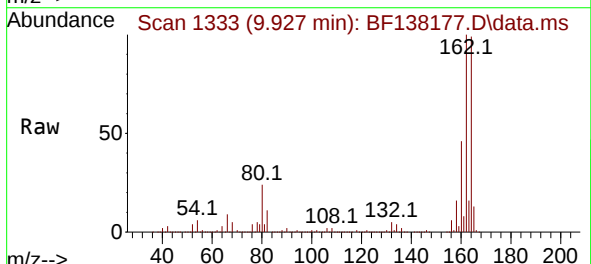
Instrument :
BNA_F
ClientSampleId :
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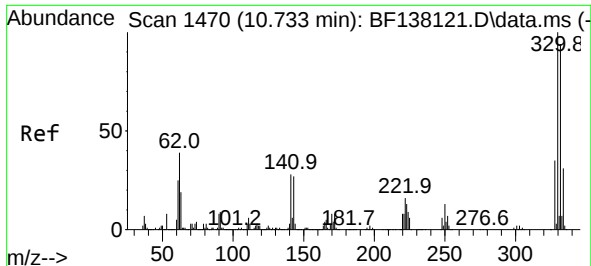
Tgt Ion:122 Resp: 700
Ion Ratio Lower Upper
122 100
105 23.0 102.8 142.8#
77 65.4 71.2 111.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.018 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

Tgt Ion:164 Resp: 847329
Ion Ratio Lower Upper
164 100
162 101.2 80.9 121.3
160 46.4 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 71.390 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.017 min

Lab File: BF138177.D

Acq: 10 Jun 2024 17:38

Instrument :

BNA_F

ClientSampleId :

WC-1-(0-5)-COMP

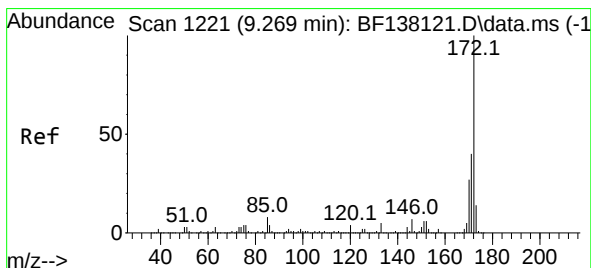
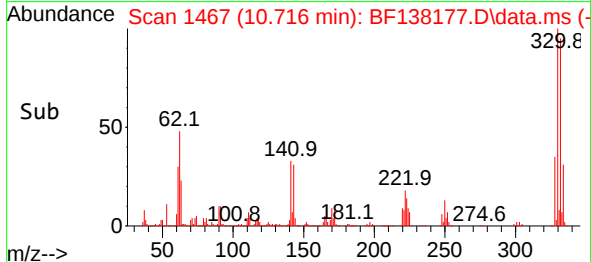
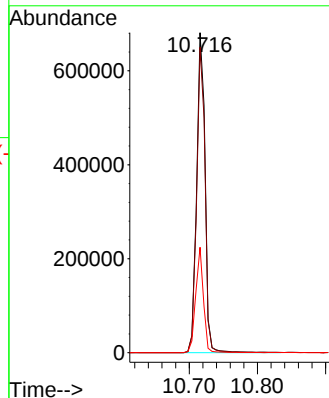
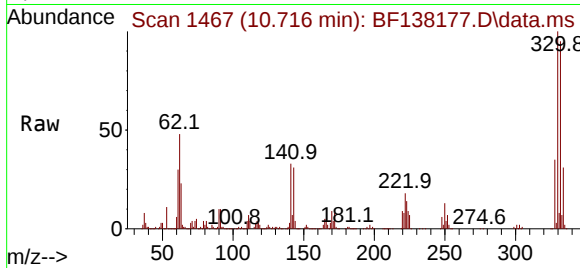
Tgt Ion:330 Resp: 582148

Ion Ratio Lower Upper

330 100

332 95.3 75.8 113.8

141 30.5 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 54.802 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.018 min

Lab File: BF138177.D

Acq: 10 Jun 2024 17:38

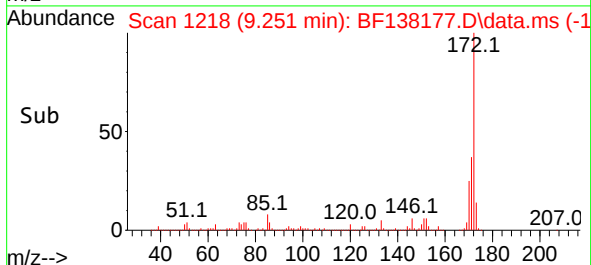
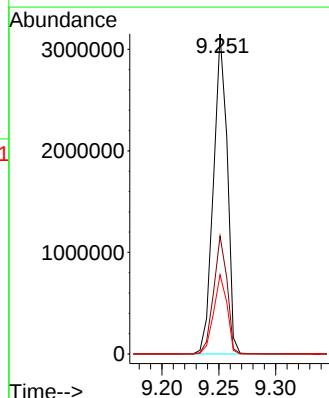
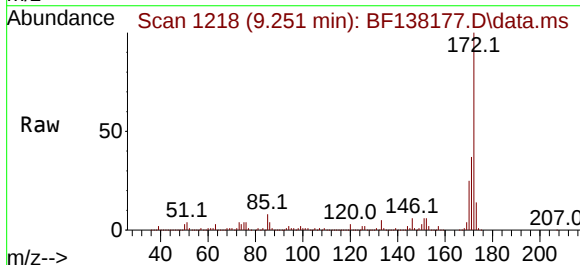
Tgt Ion:172 Resp: 2655655

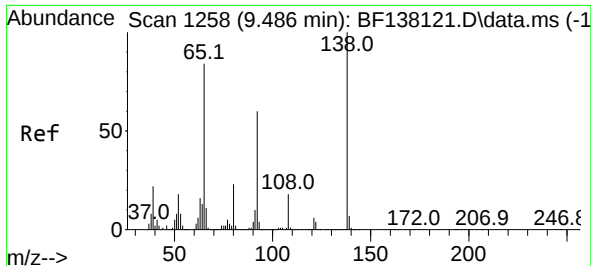
Ion Ratio Lower Upper

172 100

171 36.8 31.6 47.4

170 24.7 21.4 32.2

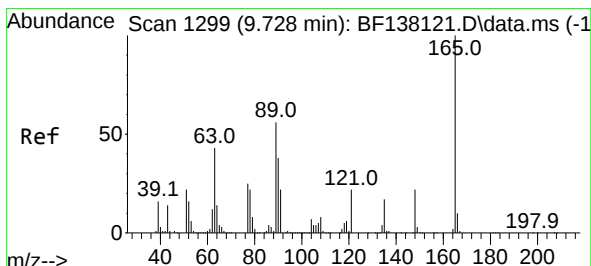
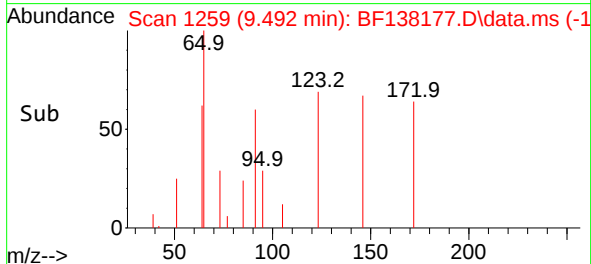
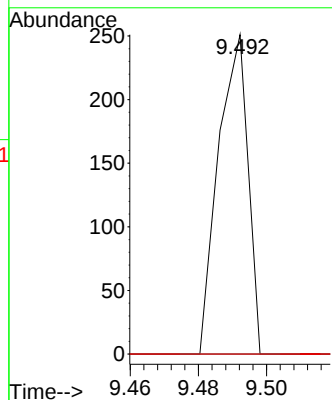
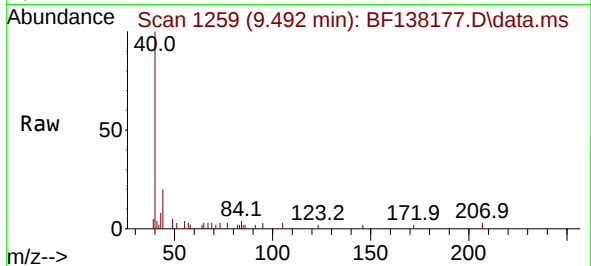




#48
2-Nitroaniline
Concen: 4.808 ng
RT: 9.492 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

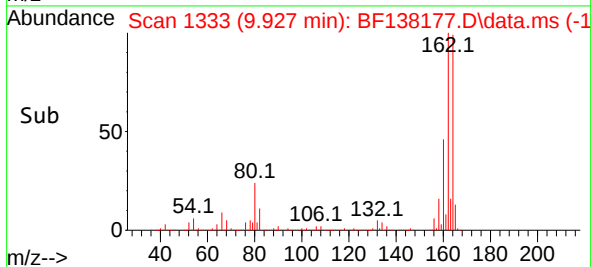
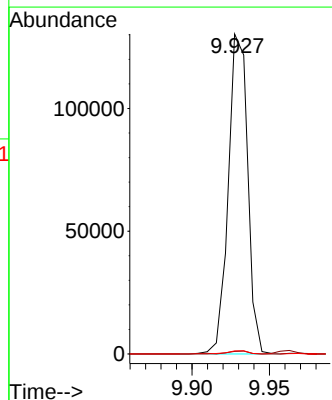
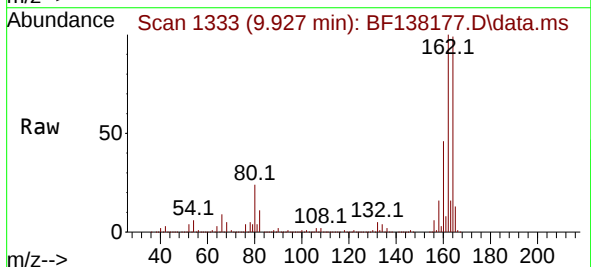
Instrument :
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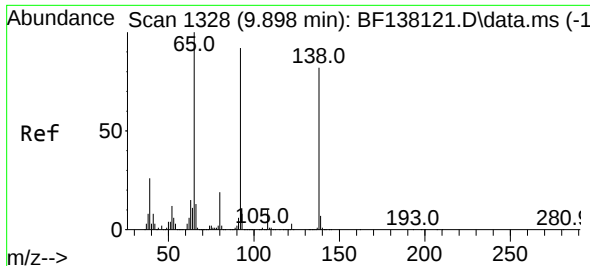
Tgt Ion: 65 Resp: 151
Ion Ratio Lower Upper
65 100
92 0.0 57.3 85.9#
138 0.0 95.4 143.2#



#51
2,6-Dinitrotoluene
Concen: 12.519 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.199 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

Tgt Ion: 165 Resp: 113379
Ion Ratio Lower Upper
165 100
63 0.8 42.9 64.3#
89 1.0 45.0 67.4#

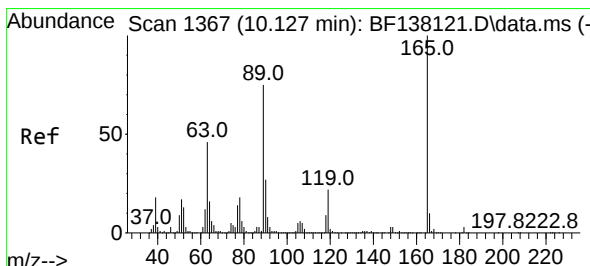
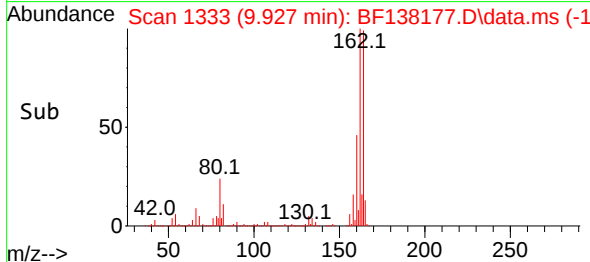
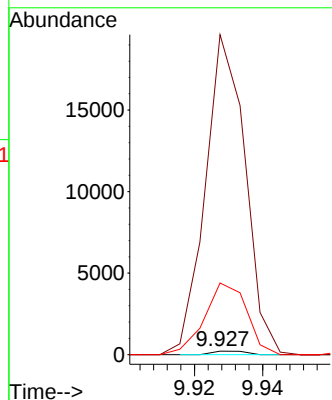
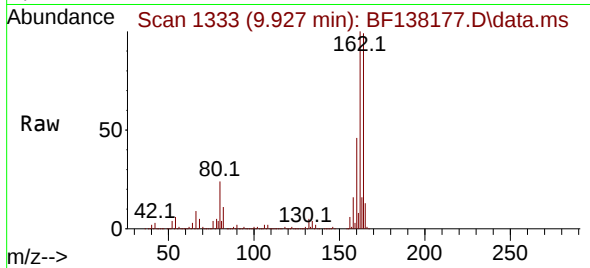




#53
3-Nitroaniline
Concen: 2.956 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.029 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

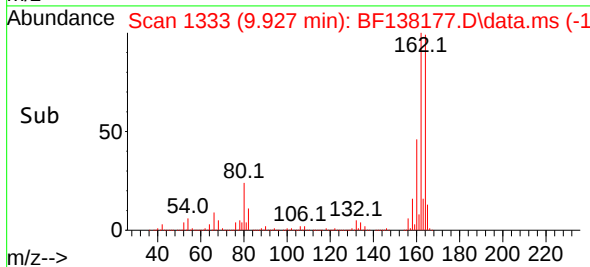
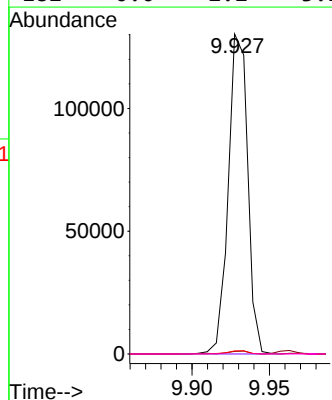
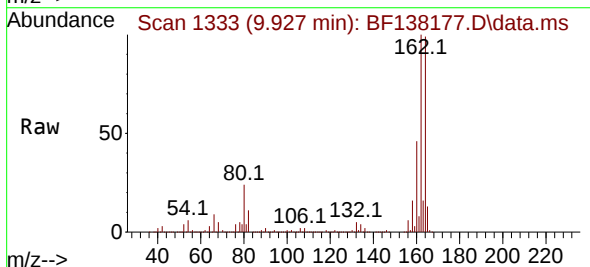
Instrument :
BNA_F
ClientSampleId :
WC-1-(0-5)-COMP

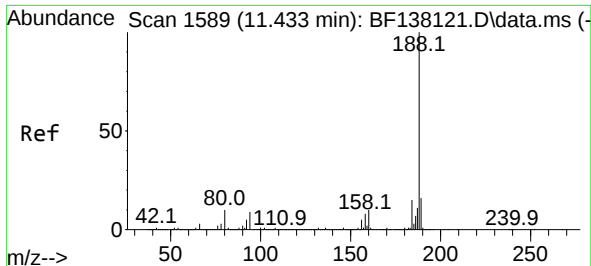
Tgt Ion:138 Resp: 148
Ion Ratio Lower Upper
138 100
108 9256.6 10.3 15.5#
92 2072.2 89.5 134.3#



#57
2,4-Dinitrotoluene
Concen: 11.377 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

Tgt Ion:165 Resp: 113379
Ion Ratio Lower Upper
165 100
63 0.8 36.8 55.2#
89 1.0 60.2 90.2#
182 0.0 2.2 3.2#

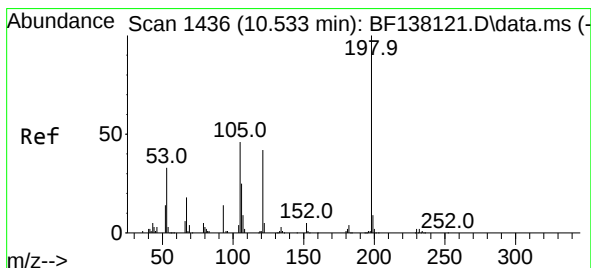
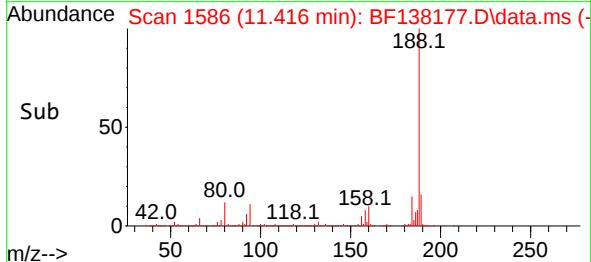
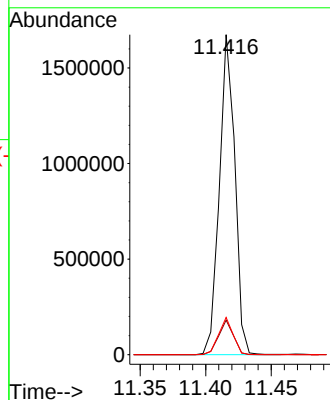
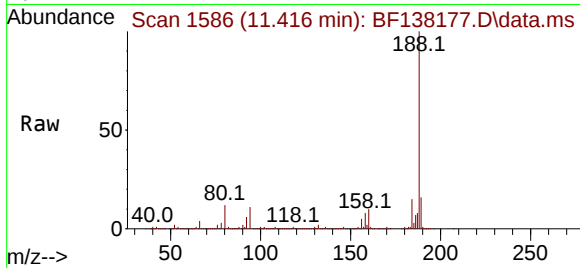




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

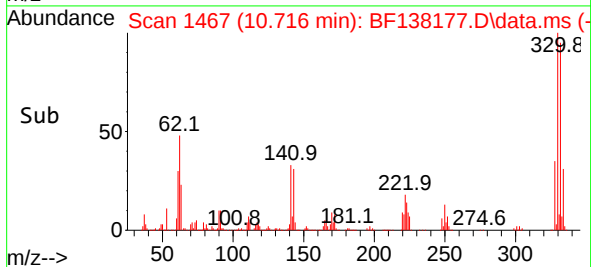
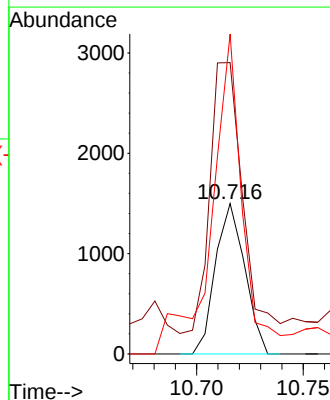
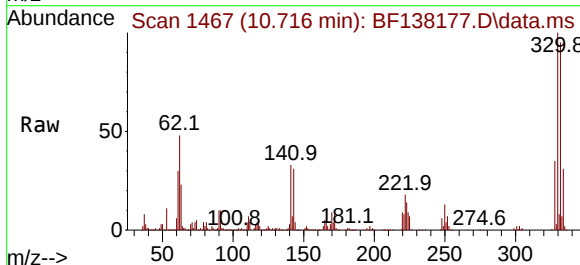
Instrument :
BNA_F
ClientSampleId :
WC-1-(0-5)-COMP

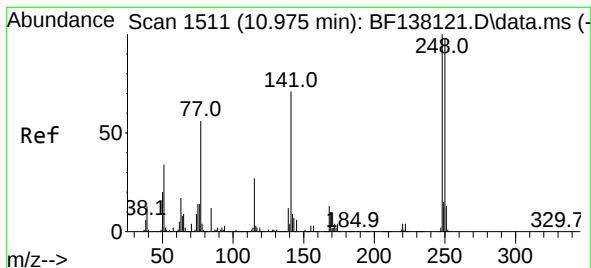
Tgt Ion:188 Resp: 1370433
Ion Ratio Lower Upper
188 100
94 10.8 7.4 11.2
80 11.7 7.7 11.5#



#65
4,6-Dinitro-2-methylphenol
Concen: 8.676 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.183 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

Tgt Ion:198 Resp: 1433
Ion Ratio Lower Upper
198 100
51 193.9 28.2 68.2#
105 212.9 26.8 66.8#

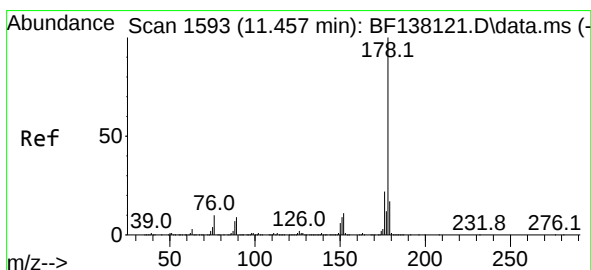
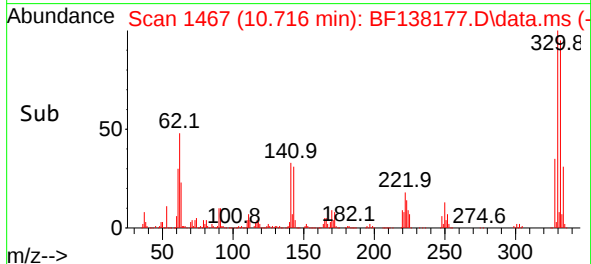
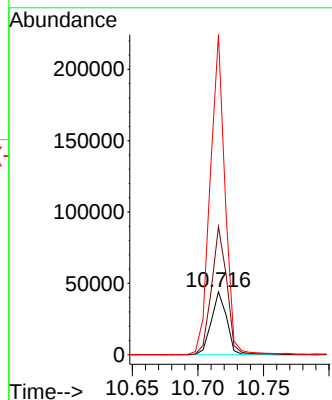
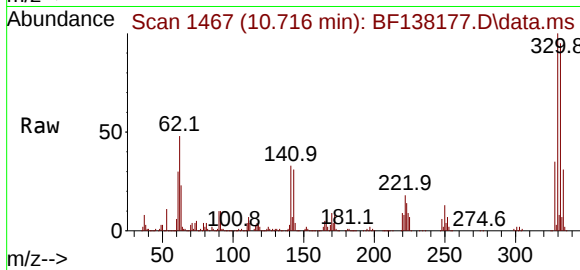




#67
4-Bromophenyl-phenylether
Concen: 2.296 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.259 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

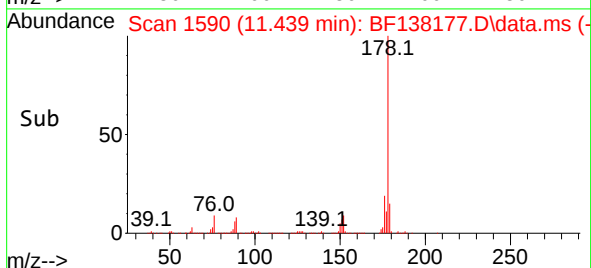
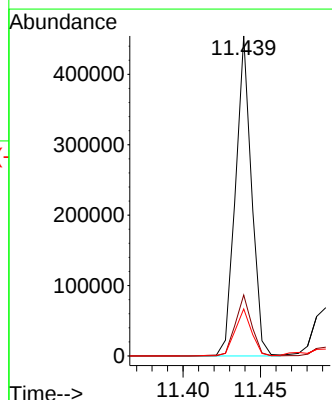
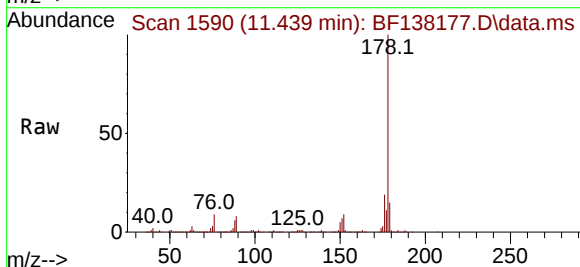
Instrument :
BNA_F
ClientSampleId :
WC-1-(0-5)-COMP

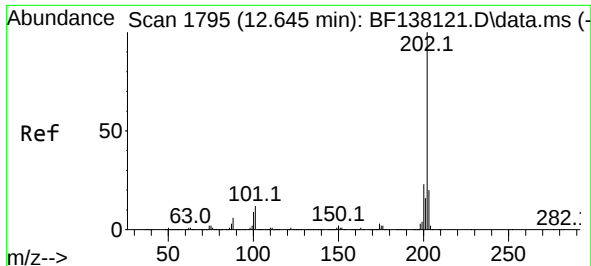
Tgt Ion:248 Resp: 35829
Ion Ratio Lower Upper
248 100
250 203.3 78.7 118.1#
141 508.2 56.5 84.7#



#71
Phenanthrene
Concen: 4.957 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.018 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

Tgt Ion:178 Resp: 327006
Ion Ratio Lower Upper
178 100
176 19.1 17.2 25.8
179 14.7 13.6 20.4

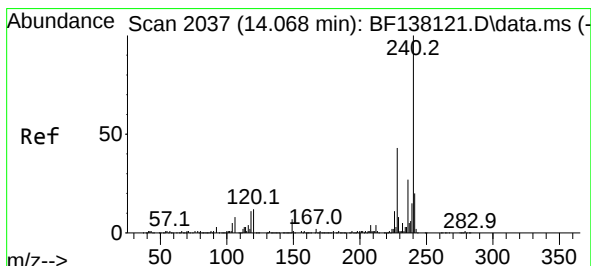
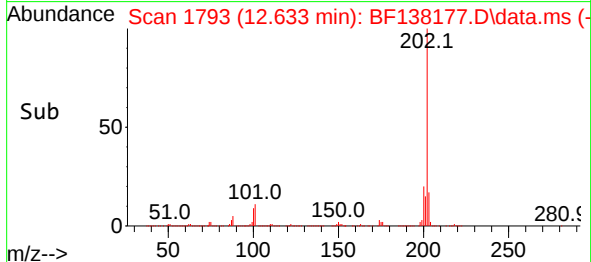
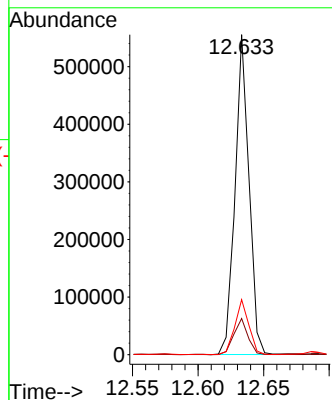
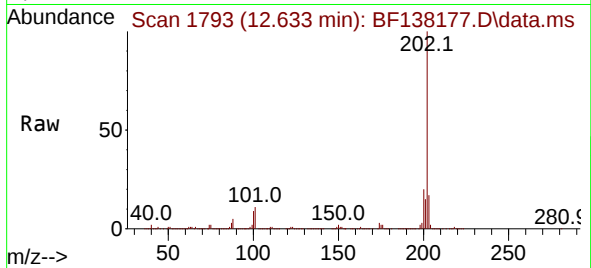




#75
Fluoranthene
Concen: 5.770 ng
RT: 12.633 min Scan# 1795
Delta R.T. -0.012 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

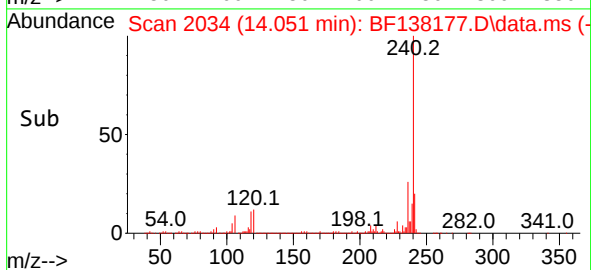
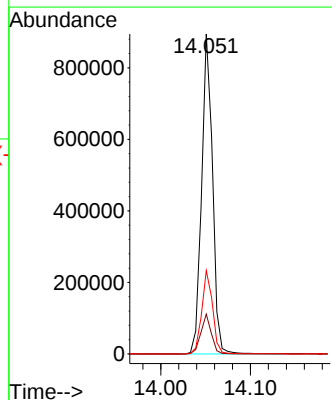
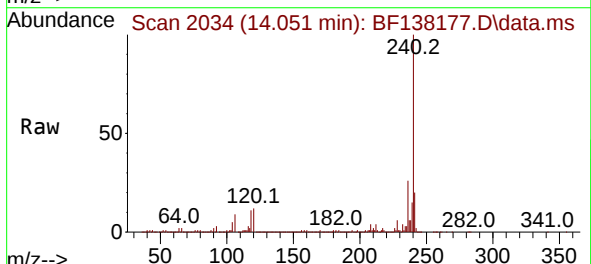
Instrument :
BNA_F
ClientSampleId :
WC-1-(0-5)-COMP

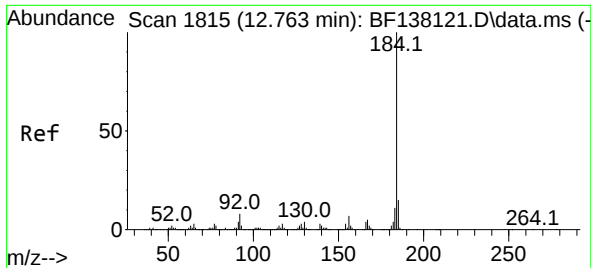
Tgt Ion:202 Resp: 410718
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.2
203 17.2 0.0 39.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.017 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

Tgt Ion:240 Resp: 754087
Ion Ratio Lower Upper
240 100
120 12.4 9.8 14.8
236 26.0 21.2 31.8

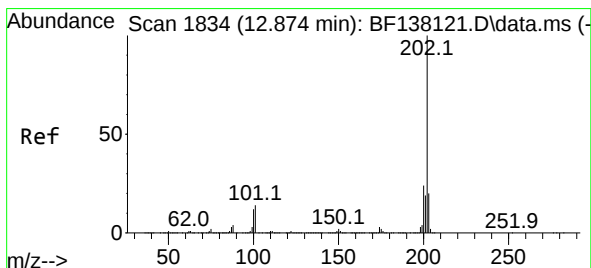
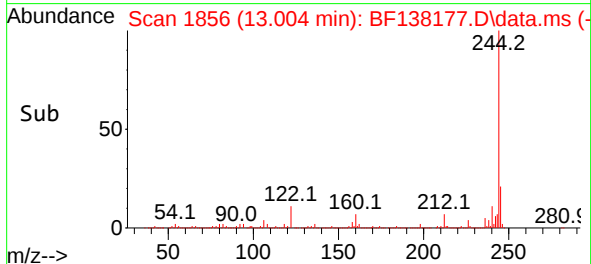
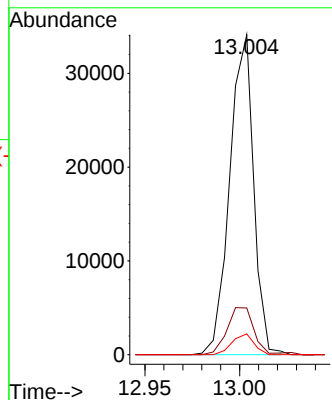
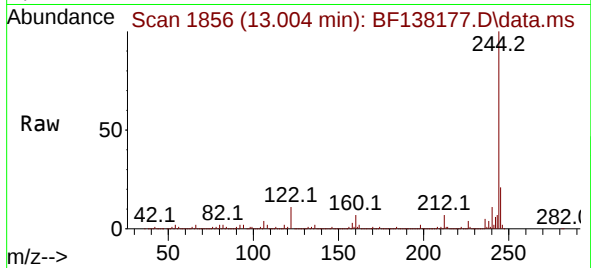




#77
Benzidine
Concen: 3.857 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.241 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

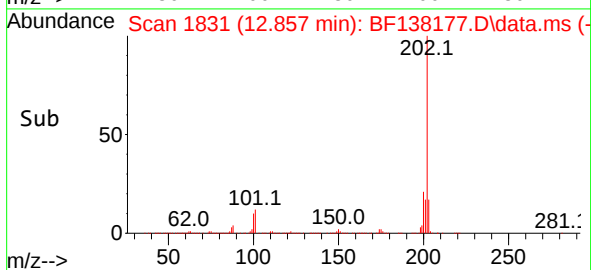
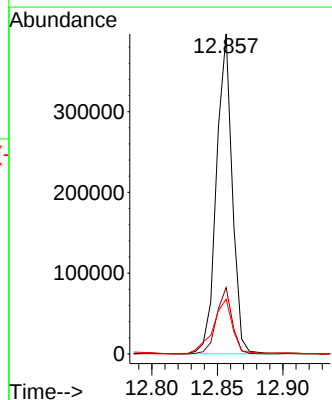
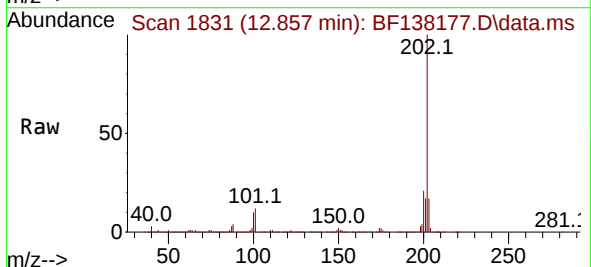
Instrument :
BNA_F
ClientSampleId :
WC-1-(0-5)-COMP

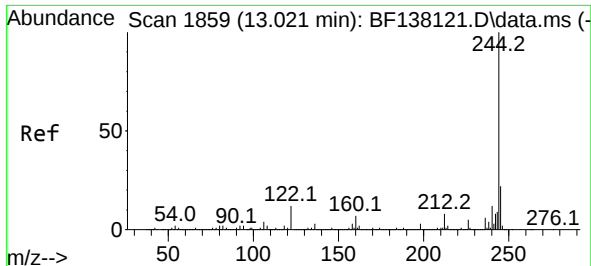
Tgt Ion:184 Resp: 29931
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.2
183 6.5 9.0 13.4#



#78
Pyrene
Concen: 4.851 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.018 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

Tgt Ion:202 Resp: 330801
Ion Ratio Lower Upper
202 100
200 20.8 19.1 28.7
203 17.1 15.6 23.4

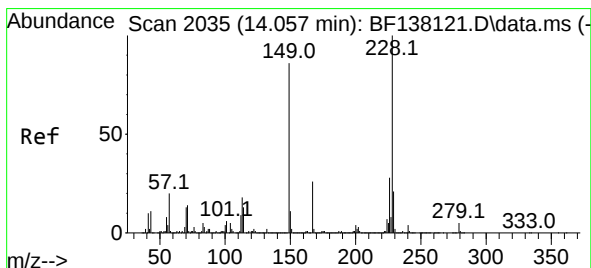
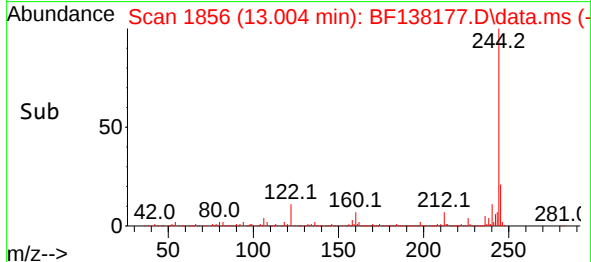
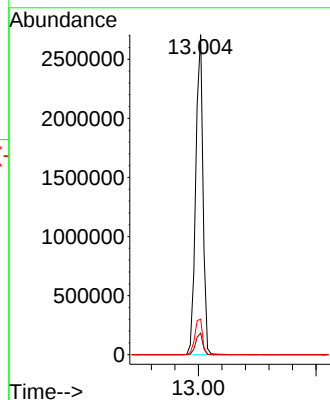
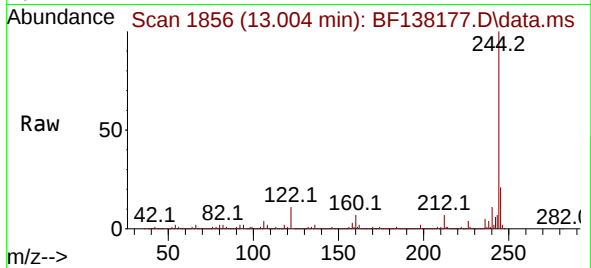




#79
 Terphenyl-d14
 Concen: 45.888 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. -0.018 min
 Lab File: BF138177.D
 Acq: 10 Jun 2024 17:38

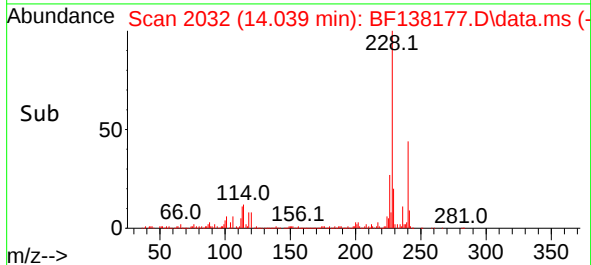
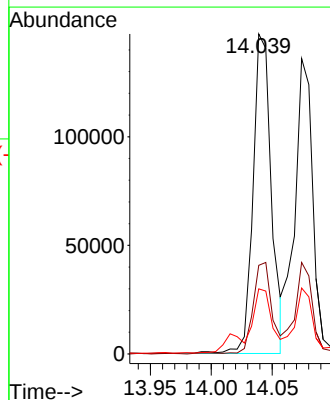
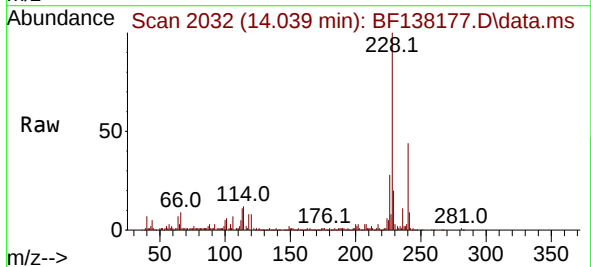
Instrument :
 BNA_F
 ClientSampleId :
 WC-1-(0-5)-COMP

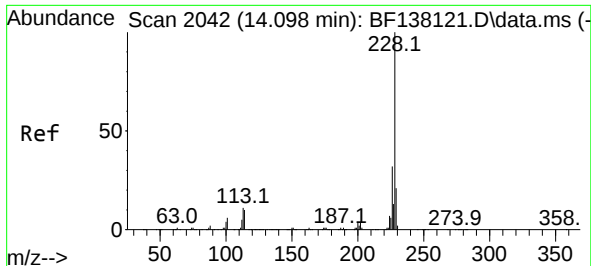
Tgt Ion:244 Resp: 2313468
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.4 9.6
 122 11.1 9.4 14.2



#81
 Benzo(a)anthracene
 Concen: 3.250 ng
 RT: 14.039 min Scan# 2032
 Delta R.T. -0.018 min
 Lab File: BF138177.D
 Acq: 10 Jun 2024 17:38

Tgt Ion:228 Resp: 154629
 Ion Ratio Lower Upper
 228 100
 226 27.7 22.7 34.1
 229 20.4 16.7 25.1

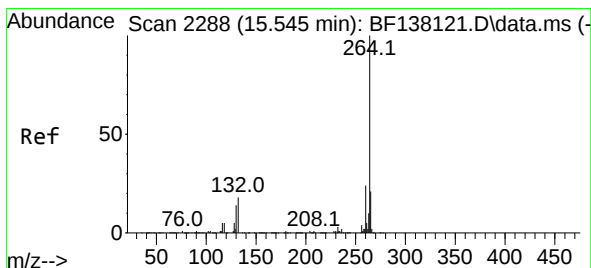
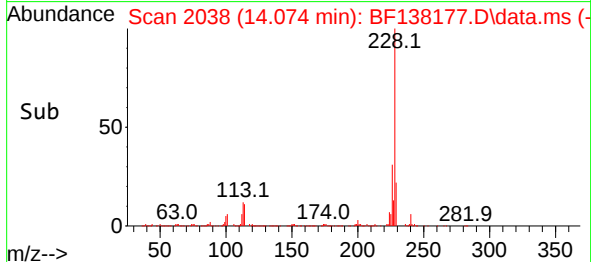
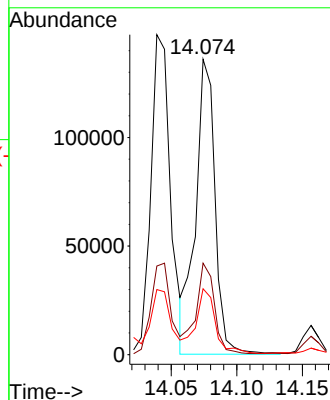
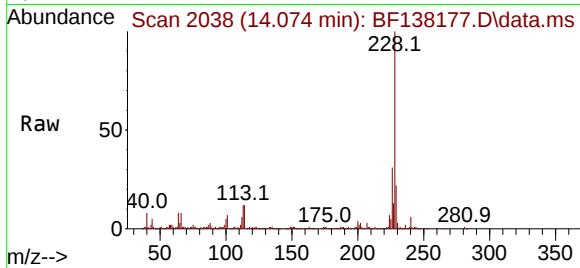




#83
Chrysene
Concen: 3.083 ng
RT: 14.074 min Scan# 2042
Delta R.T. -0.024 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

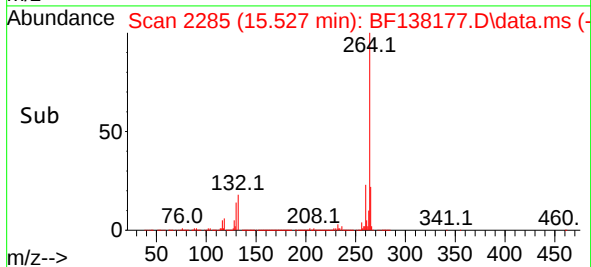
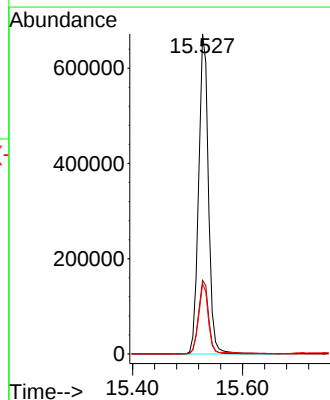
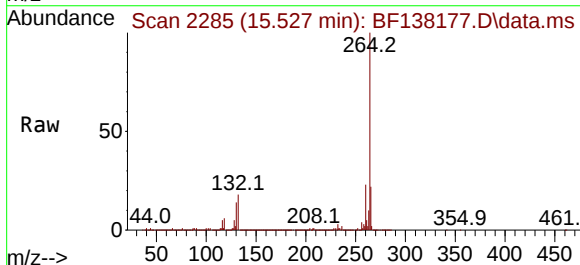
Instrument :
BNA_F
ClientSampleId :
WC-1-(0-5)-COMP

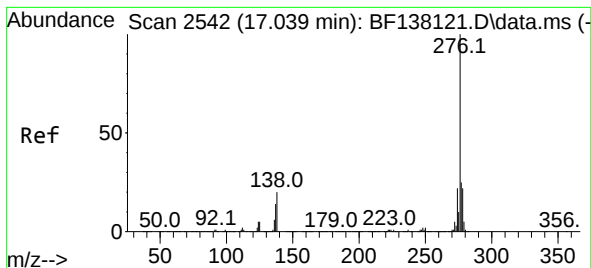
Tgt Ion:228 Resp: 140780
Ion Ratio Lower Upper
228 100
226 31.0 25.6 38.4
229 22.3 16.6 25.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2285
Delta R.T. -0.018 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

Tgt Ion:264 Resp: 832775
Ion Ratio Lower Upper
264 100
260 23.0 19.4 29.2
265 21.9 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.546 ng

RT: 17.003 min Scan# 21

Delta R.T. -0.036 min

Lab File: BF138177.D

Acq: 10 Jun 2024 17:38

Instrument :

BNA_F

ClientSampleId :

WC-1-(0-5)-COMP

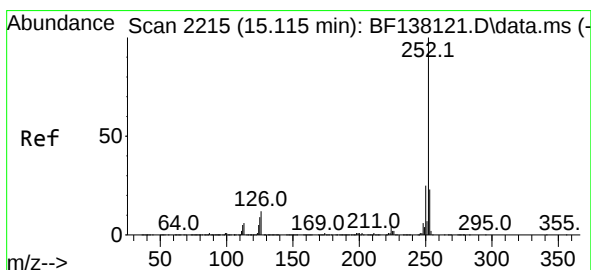
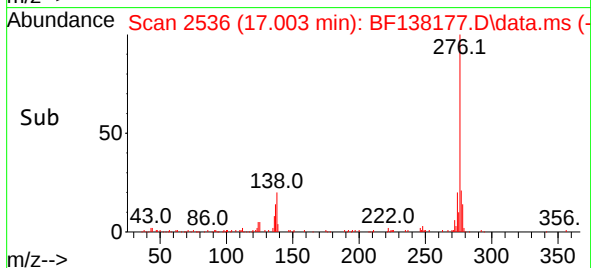
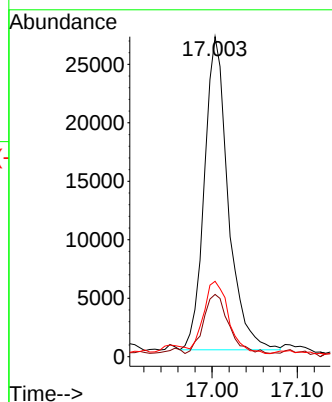
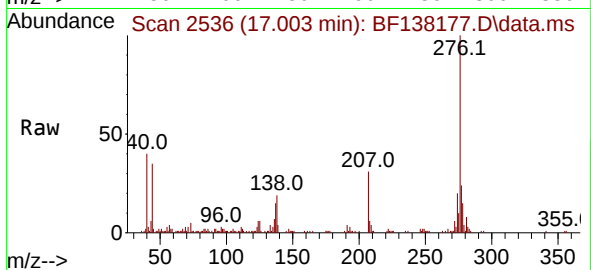
Tgt Ion:276 Resp: 51986

Ion Ratio Lower Upper

276 100

138 20.2 18.9 28.3

277 25.6 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 4.715 ng

RT: 15.092 min Scan# 2211

Delta R.T. -0.024 min

Lab File: BF138177.D

Acq: 10 Jun 2024 17:38

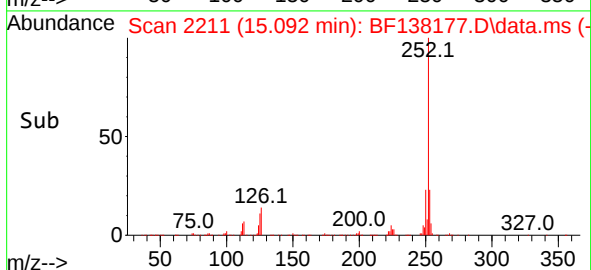
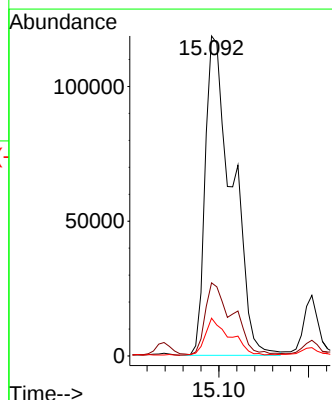
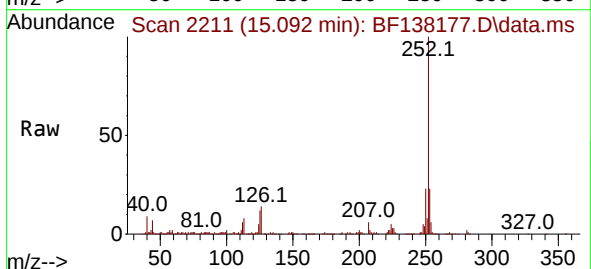
Tgt Ion:252 Resp: 246842

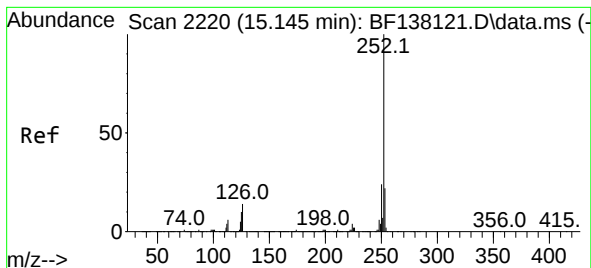
Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

125 11.8 7.4 11.2#





#89

Benzo(k)fluoranthene

Concen: 4.944 ng

RT: 15.092 min Scan# 21

Delta R.T. -0.053 min

Lab File: BF138177.D

Acq: 10 Jun 2024 17:38

Instrument :

BNA_F

ClientSampleId :

WC-1-(0-5)-COMP

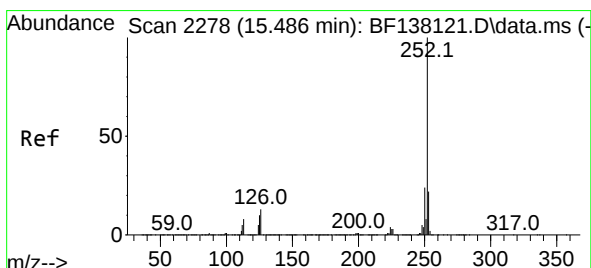
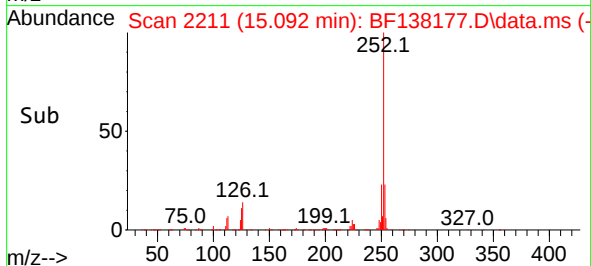
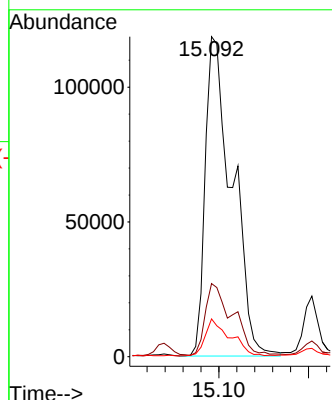
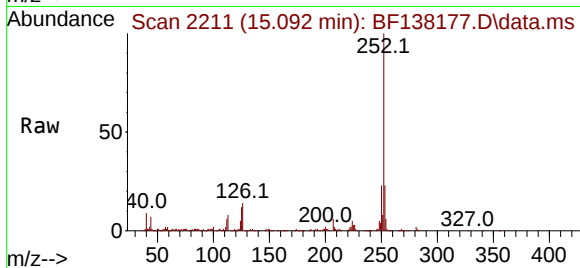
Tgt Ion:252 Resp: 246842

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

125 11.8 7.8 11.6#



#90

Benzo(a)pyrene

Concen: 2.994 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.024 min

Lab File: BF138177.D

Acq: 10 Jun 2024 17:38

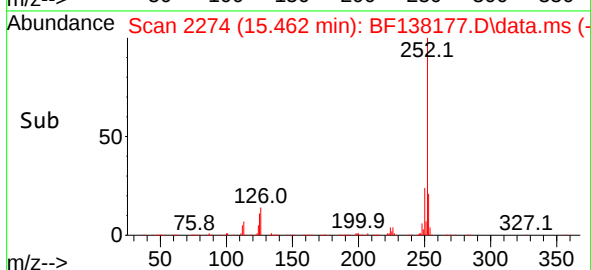
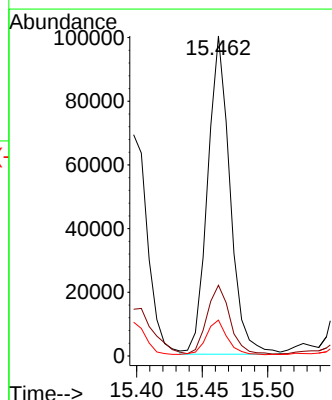
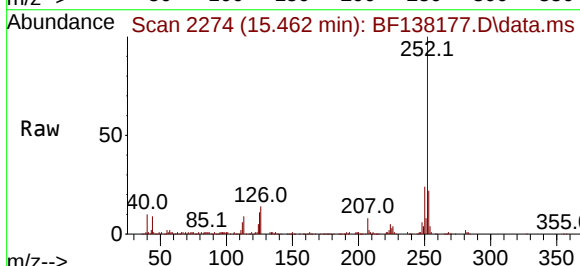
Tgt Ion:252 Resp: 118725

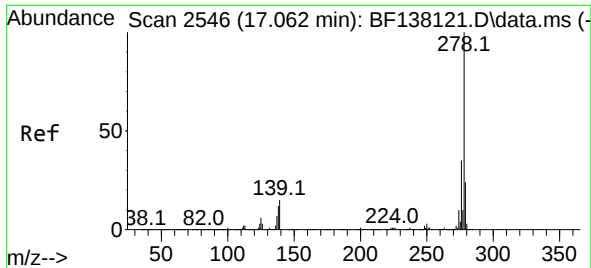
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 11.2 8.0 12.0

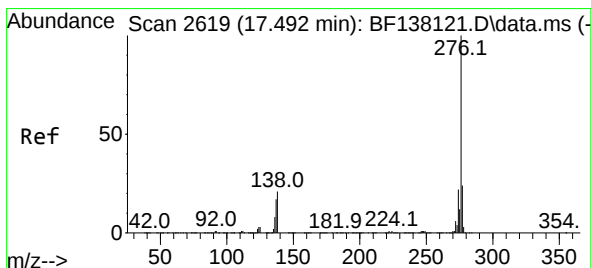
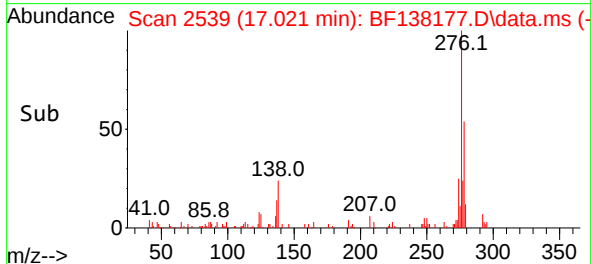
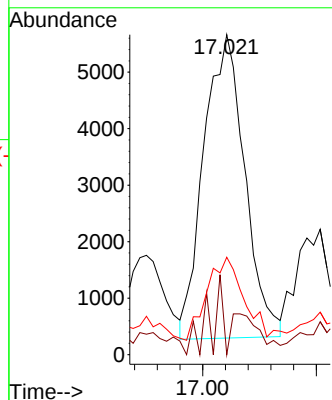
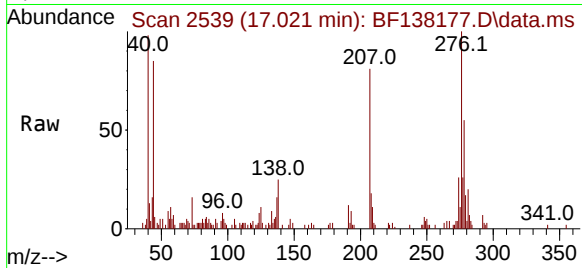




#91
Dibenzo(a,h)anthracene
Concen: 3.998 ng
RT: 17.021 min Scan# 21
Delta R.T. -0.041 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

Instrument :
BNA_F
ClientSampleId :
WC-1-(0-5)-COMP

Tgt Ion:278 Resp: 13443
Ion Ratio Lower Upper
278 100
139 0.0 11.7 17.5#
279 30.4 19.2 28.8#



#92
Benzo(g,h,i)perylene
Concen: 4.217 ng
RT: 17.451 min Scan# 2612
Delta R.T. -0.041 min
Lab File: BF138177.D
Acq: 10 Jun 2024 17:38

Tgt Ion:276 Resp: 49489
Ion Ratio Lower Upper
276 100
277 22.0 19.0 28.4
138 22.2 16.5 24.7

