

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
 Data File : BF138252.D
 Acq On : 19 Jun 2024 18:29
 Operator : CG\JU
 Sample : P2943-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11978

Quant Time: Jun 19 18:50:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

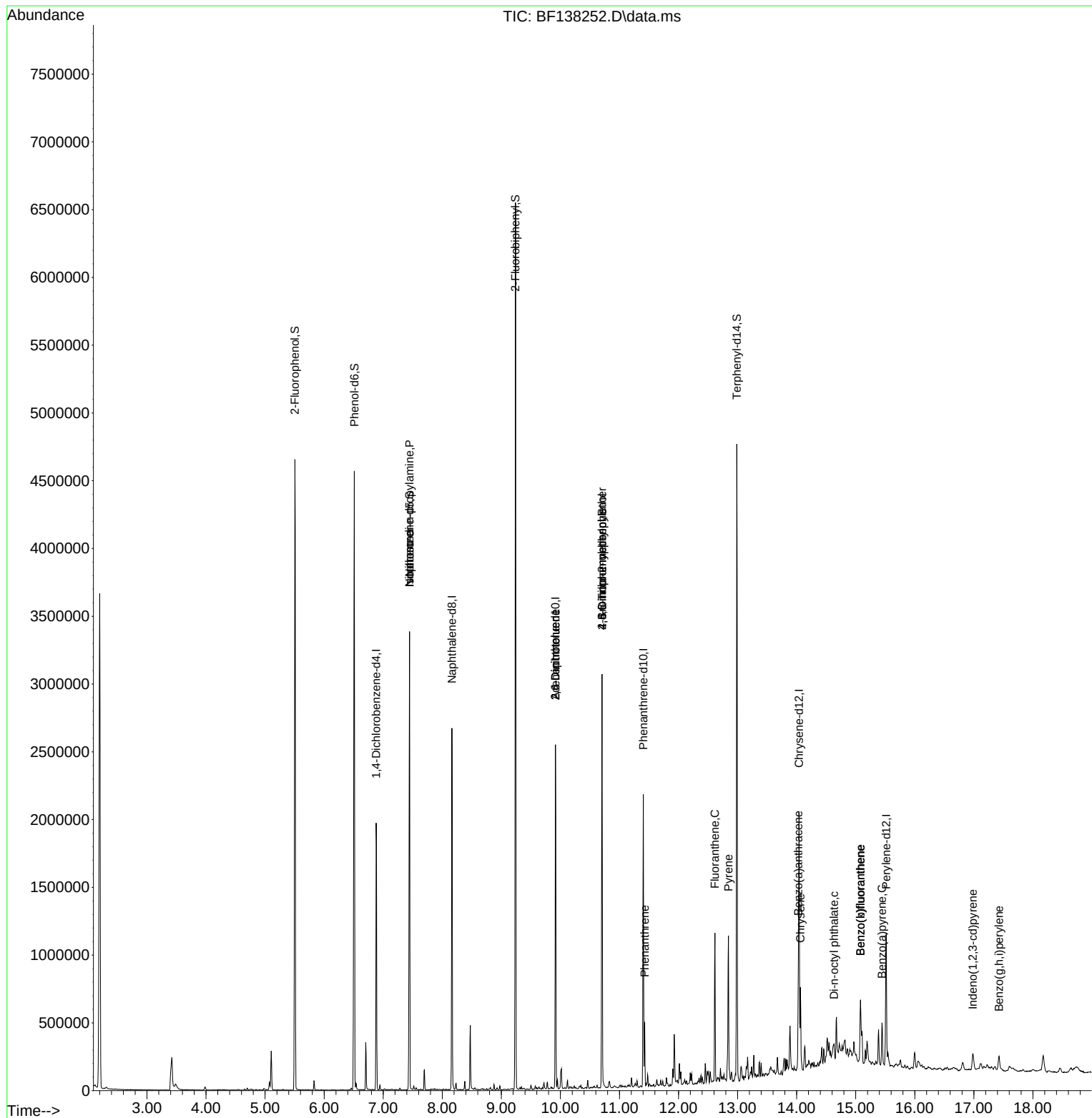
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	292176	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1085191	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	501043	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	712243	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	508471	20.000	ng	-0.01
86) Perylene-d12	15.515	264	447760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1391745	79.683	ng	0.00
7) Phenol-d6	6.510	99	1667087	75.272	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1012032	54.292	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	348351	69.838	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1836288	58.278	ng	-0.01
79) Terphenyl-d14	12.986	244	1583642	49.329	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	131059	9.983	ng	# 77
25) Isophorone	7.445	82	1009529	29.941	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	66758	10.024	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	66758	8.127	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	810	7.125	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	22287	2.777	ng	# 1
71) Phenanthrene	11.428	178	158099	4.489	ng	98
75) Fluoranthene	12.616	202	410333	11.424	ng	97
78) Pyrene	12.845	202	420323	9.584	ng	98
81) Benzo(a)anthracene	14.027	228	225873	6.924	ng	98
83) Chrysene	14.063	228	238209	7.661	ng	98
85) Di-n-octyl phthalate	14.633	149	72533	3.519	ng	# 59
87) Indeno(1,2,3-cd)pyrene	16.980	276	91921	3.149	ng	95
88) Benzo(b)fluoranthene	15.080	252	349882	13.251	ng	99
89) Benzo(k)fluoranthene	15.080	252	349882	13.521	ng	99
90) Benzo(a)pyrene	15.445	252	151965	6.699	ng	# 96
92) Benzo(g,h,i)perylene	17.427	276	89729	3.620	ng	99

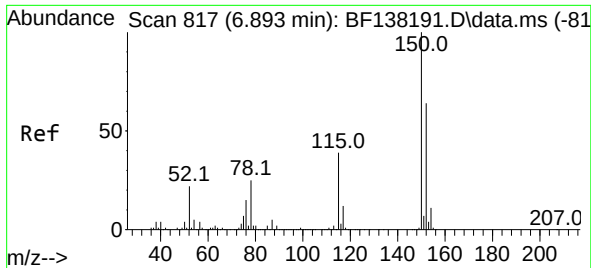
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
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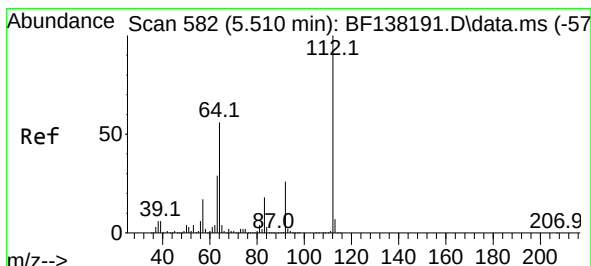
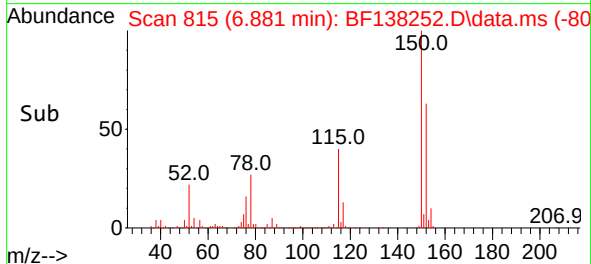
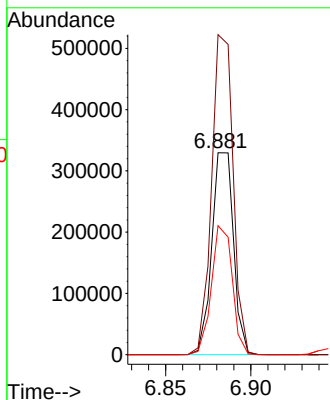
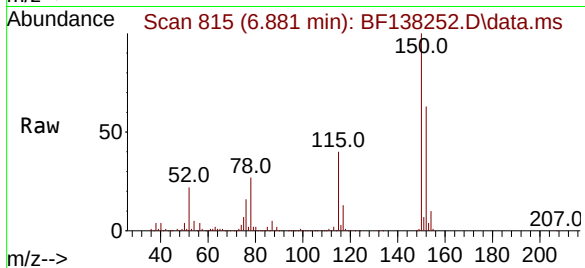




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 817
 Delta R.T. -0.012 min
 Lab File: BF138252.D
 Acq: 19 Jun 2024 18:29

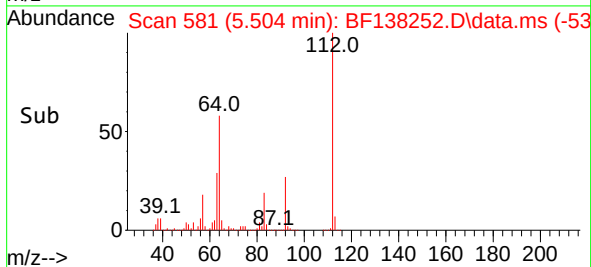
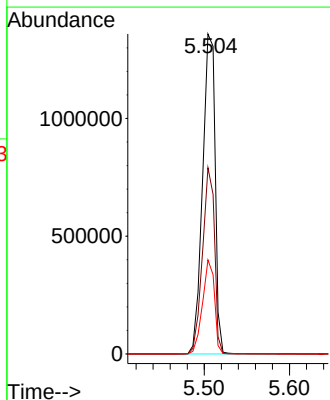
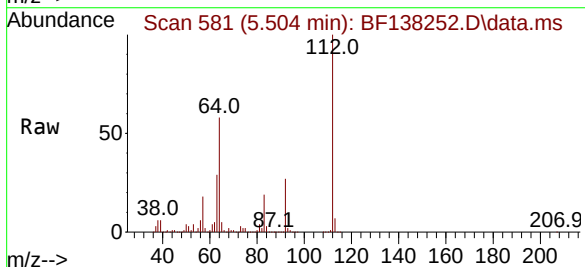
Instrument :
 BNA_F
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 72-11978

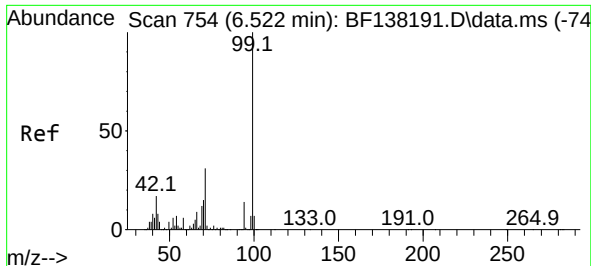
Tgt Ion:152 Resp: 292176
 Ion Ratio Lower Upper
 152 100
 150 158.5 125.0 187.4
 115 63.9 48.4 72.6



#5
 2-Fluorophenol
 Concen: 79.683 ng
 RT: 5.504 min Scan# 581
 Delta R.T. -0.006 min
 Lab File: BF138252.D
 Acq: 19 Jun 2024 18:29

Tgt Ion:112 Resp: 1391745
 Ion Ratio Lower Upper
 112 100
 64 58.2 45.2 67.8
 63 29.4 22.9 34.3

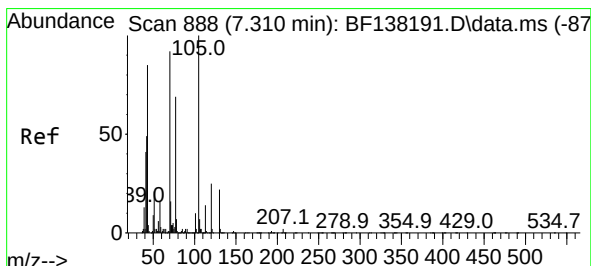
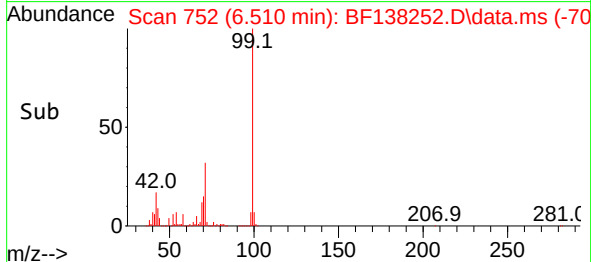
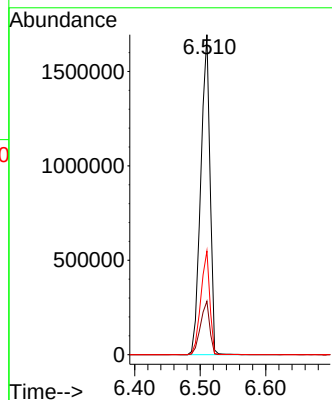
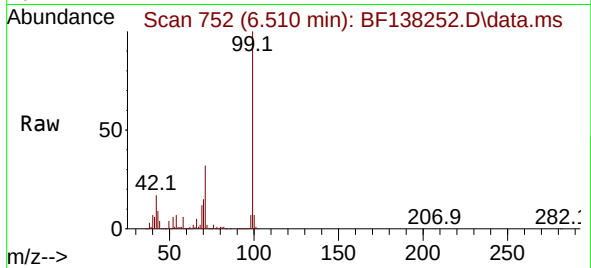




#7
Phenol-d6
Concen: 75.272 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138252.D
Acq: 19 Jun 2024 18:29

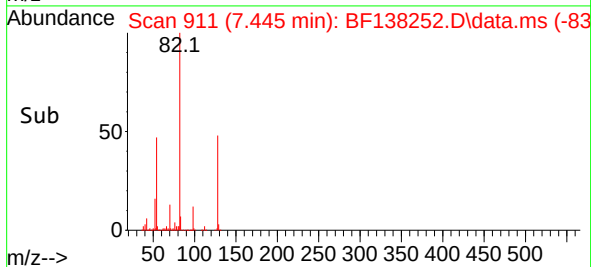
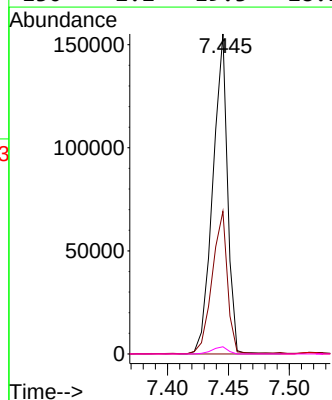
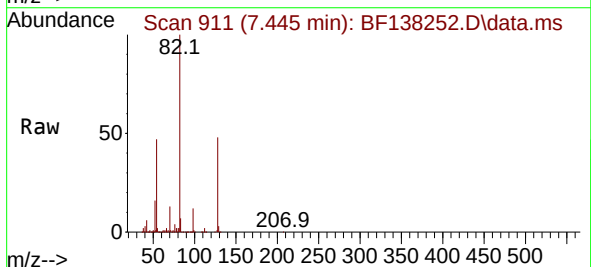
Instrument :
BNA_F
ClientSampleId :
72-11978

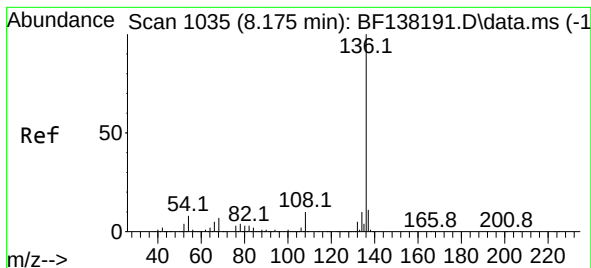
Tgt Ion: 99 Resp: 1667087
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 32.4 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.983 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138252.D
Acq: 19 Jun 2024 18:29

Tgt Ion: 70 Resp: 131059
Ion Ratio Lower Upper
70 100
42 44.6 42.8 64.2
101 0.0 8.4 12.6#
130 2.2 19.3 28.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1033

Delta R.T. -0.012 min

Lab File: BF138252.D

Acq: 19 Jun 2024 18:29

Instrument :

BNA_F

ClientSampleId :

72-11978

Tgt Ion:136 Resp: 1085191

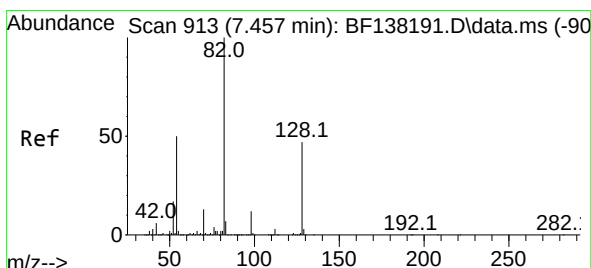
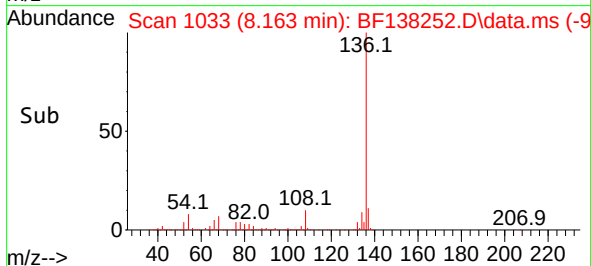
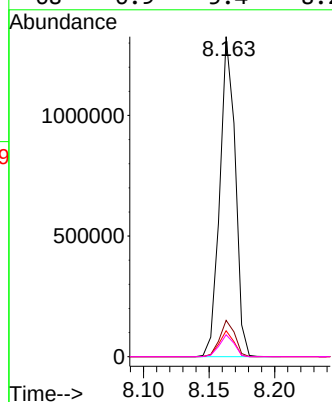
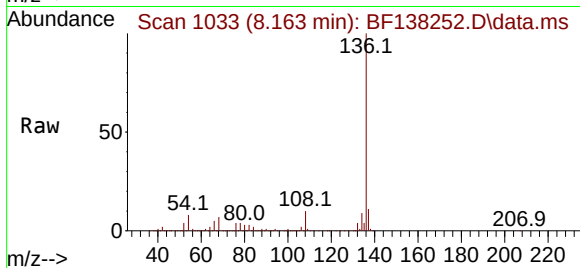
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.1 6.6 10.0

68 6.9 5.4 8.2



#23

Nitrobenzene-d5

Concen: 54.292 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138252.D

Acq: 19 Jun 2024 18:29

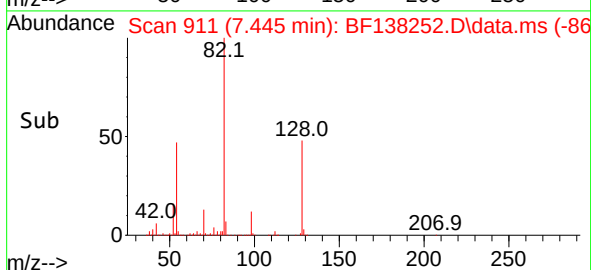
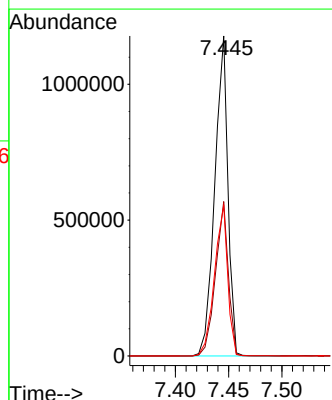
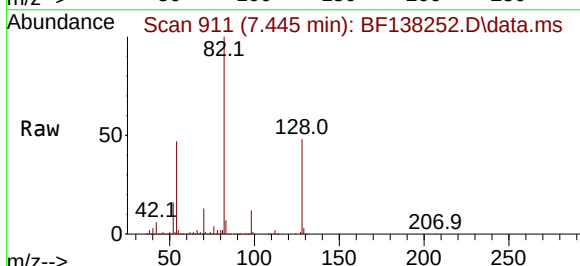
Tgt Ion: 82 Resp: 1012032

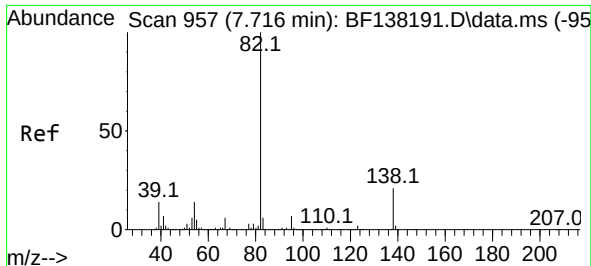
Ion Ratio Lower Upper

82 100

128 48.2 37.2 55.8

54 47.1 39.8 59.6

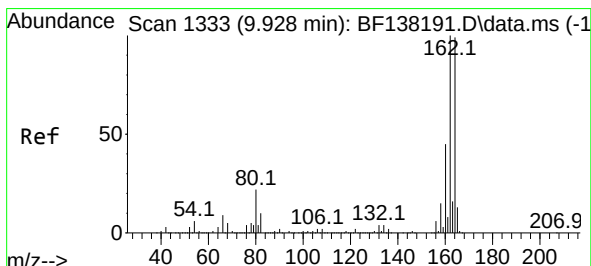
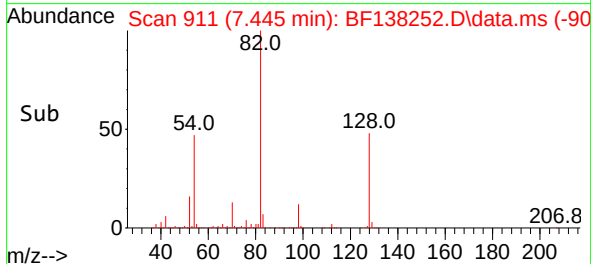
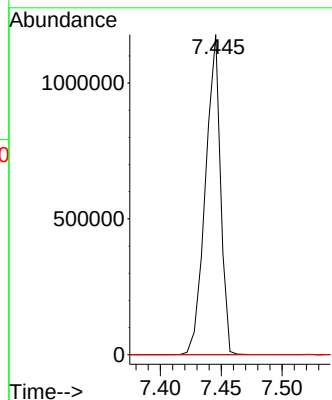
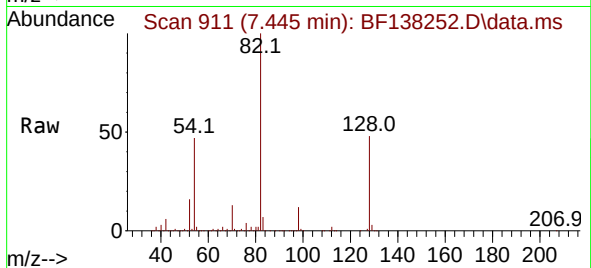




#25
Isophorone
Concen: 29.941 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138252.D
Acq: 19 Jun 2024 18:29

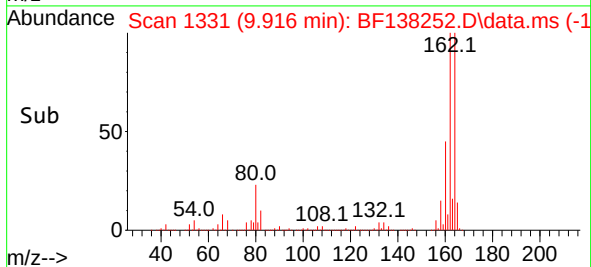
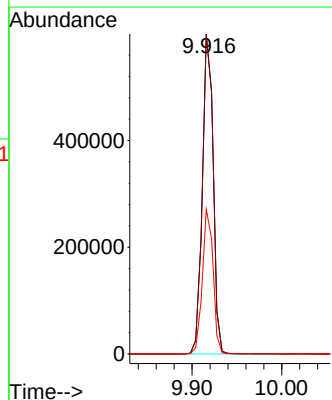
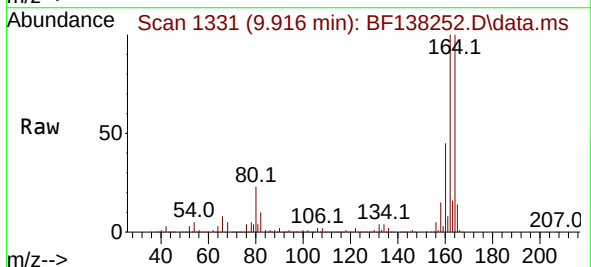
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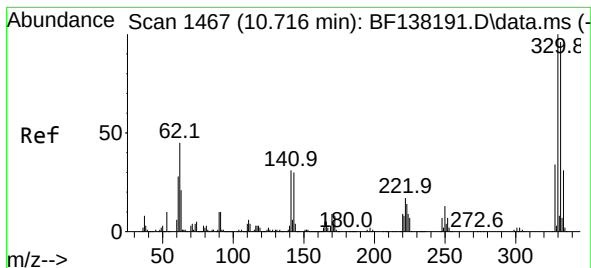
Tgt Ion: 82 Resp: 1009529
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138252.D
Acq: 19 Jun 2024 18:29

Tgt Ion:164 Resp: 501043
Ion Ratio Lower Upper
164 100
162 100.2 80.6 121.0
160 45.3 36.3 54.5

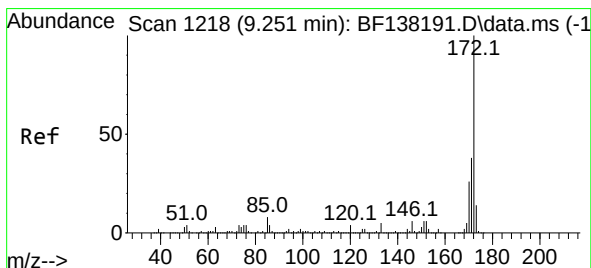
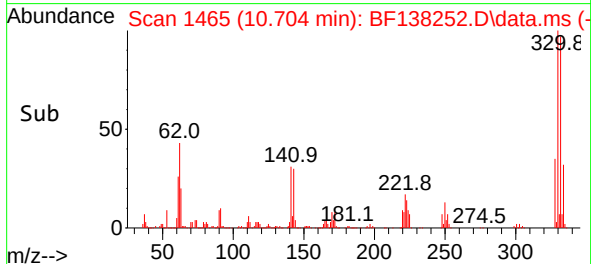
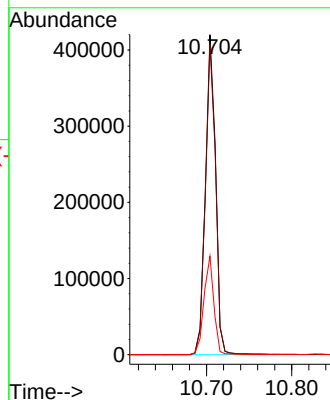
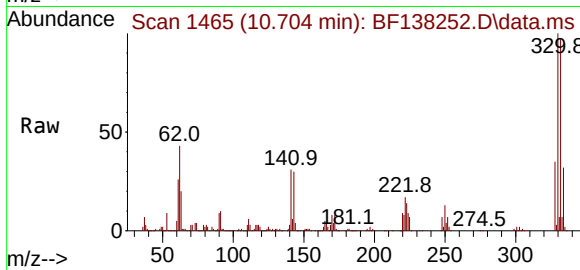




#42
 2,4,6-Tribromophenol
 Concen: 69.838 ng
 RT: 10.704 min Scan# 1465
 Delta R.T. -0.012 min
 Lab File: BF138252.D
 Acq: 19 Jun 2024 18:29

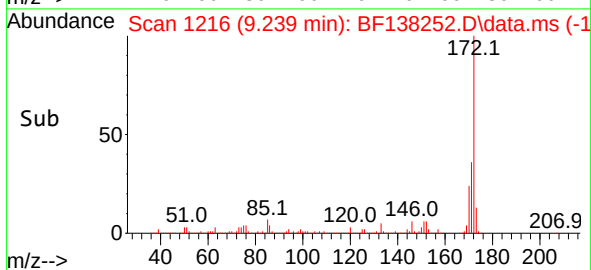
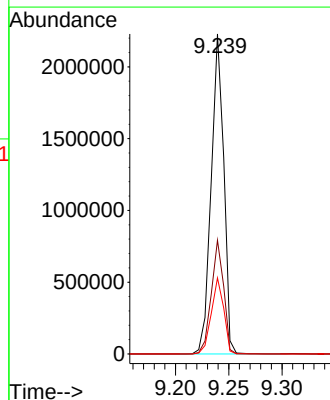
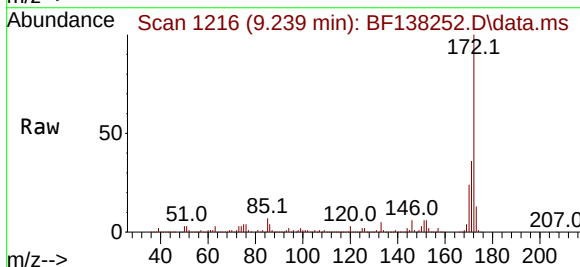
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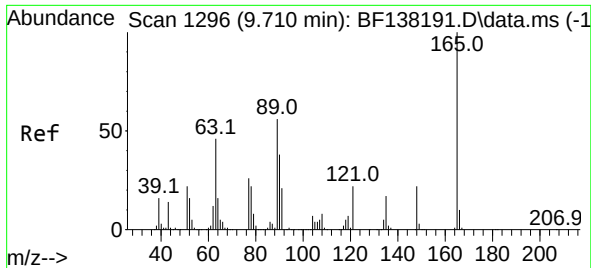
Tgt Ion:330 Resp: 348351
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 30.0 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 58.278 ng
 RT: 9.239 min Scan# 1216
 Delta R.T. -0.012 min
 Lab File: BF138252.D
 Acq: 19 Jun 2024 18:29

Tgt Ion:172 Resp: 1836288
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.3 45.5
 170 23.8 20.6 30.8

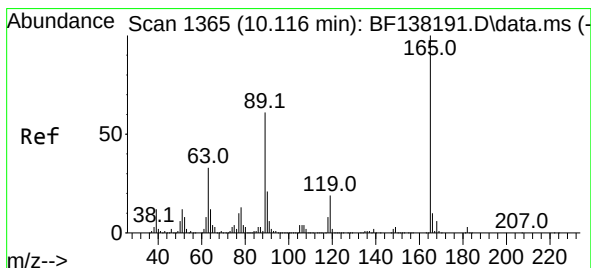
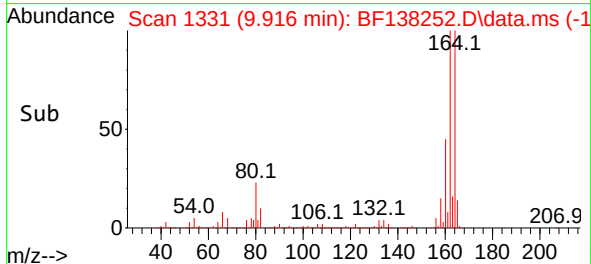
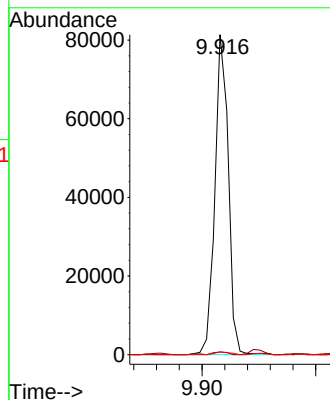
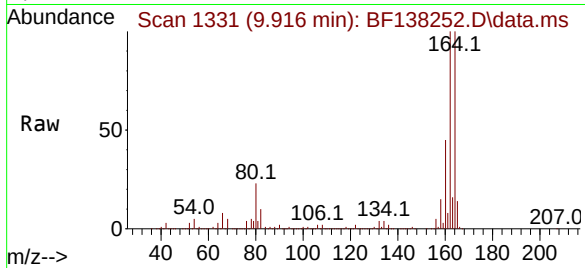




#51
2,6-Dinitrotoluene
Concen: 10.024 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138252.D
Acq: 19 Jun 2024 18:29

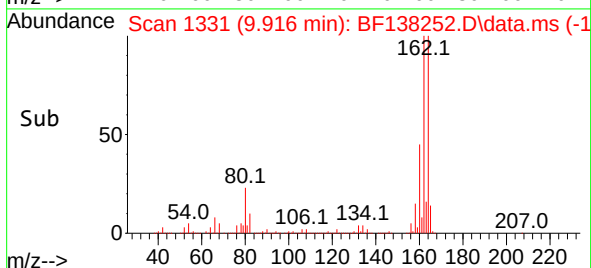
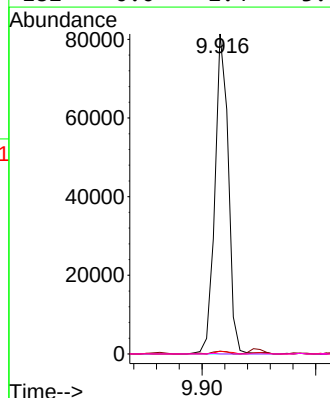
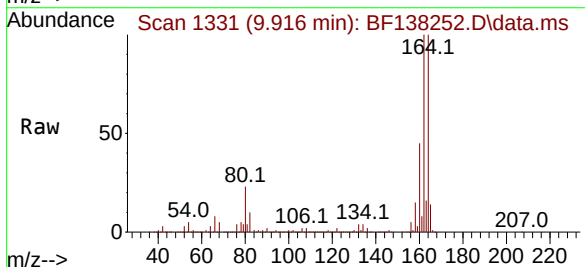
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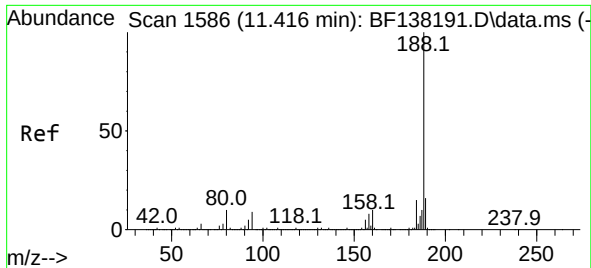
Tgt Ion:165 Resp: 66758
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 0.9 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 8.127 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138252.D
Acq: 19 Jun 2024 18:29

Tgt Ion:165 Resp: 66758
Ion Ratio Lower Upper
165 100
63 0.9 26.6 39.8#
89 0.9 48.7 73.1#
182 0.0 2.4 3.6#

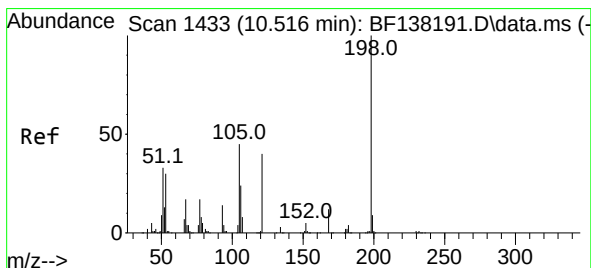
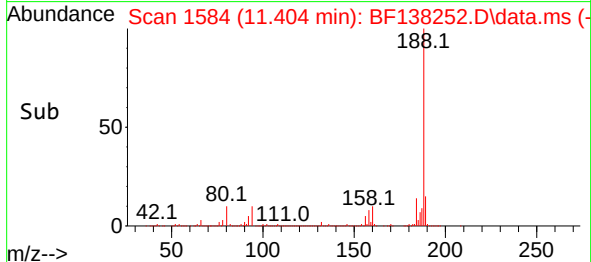
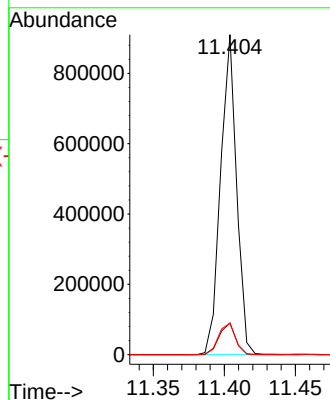
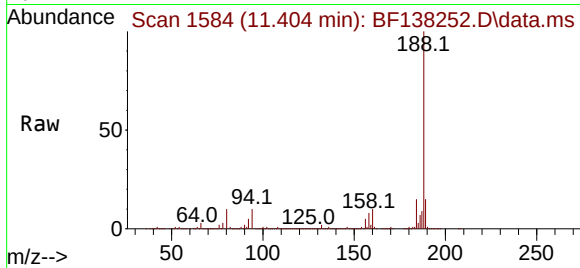




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138252.D
Acq: 19 Jun 2024 18:29

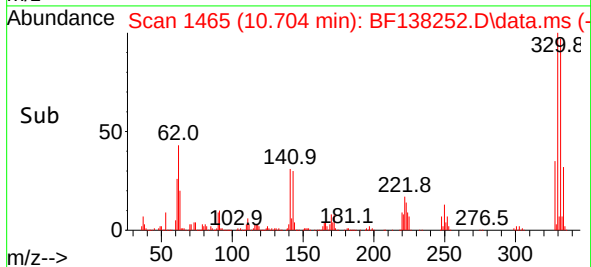
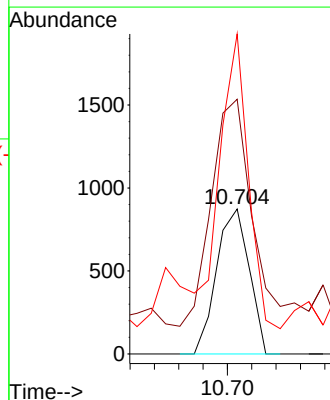
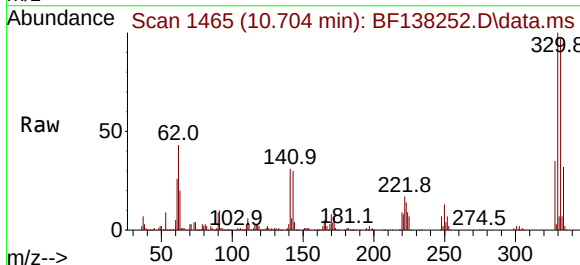
Instrument :
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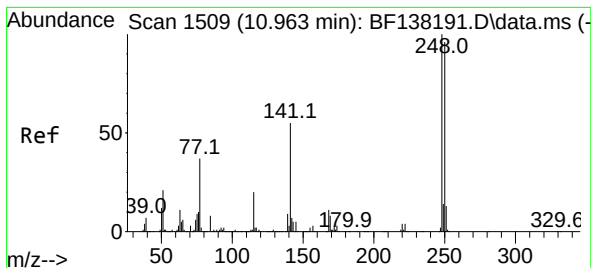
Tgt Ion:188 Resp: 712243
Ion Ratio Lower Upper
188 100
94 9.9 7.6 11.4
80 9.9 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 7.125 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF138252.D
Acq: 19 Jun 2024 18:29

Tgt Ion:198 Resp: 810
Ion Ratio Lower Upper
198 100
51 175.8 26.9 66.9#
105 220.8 26.0 66.0#

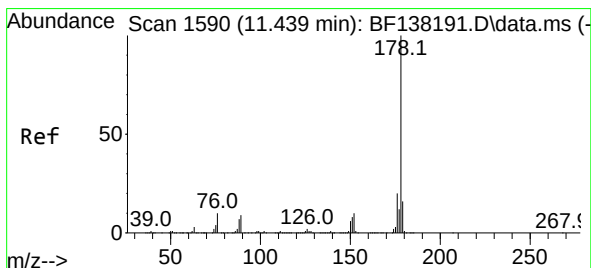
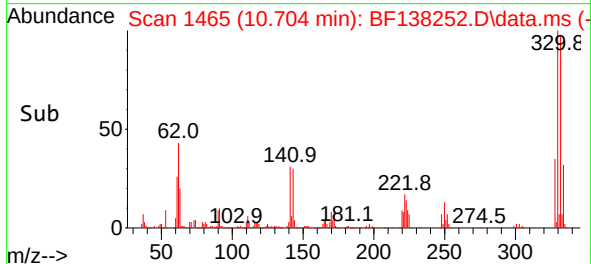
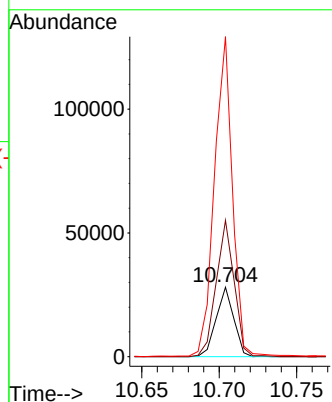
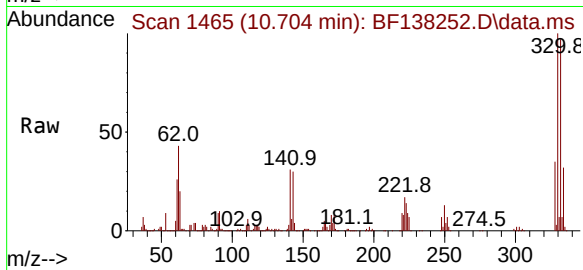




#67
4-Bromophenyl-phenylether
Concen: 2.777 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.259 min
Lab File: BF138252.D
Acq: 19 Jun 2024 18:29

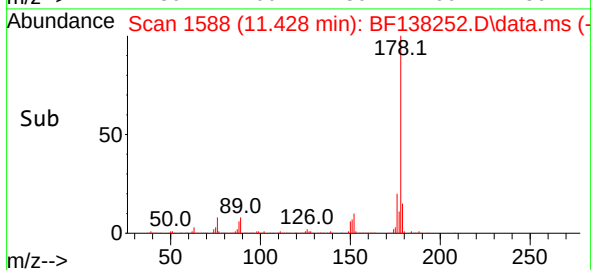
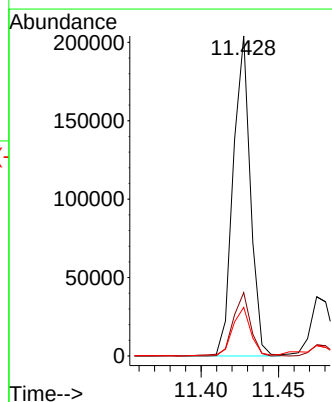
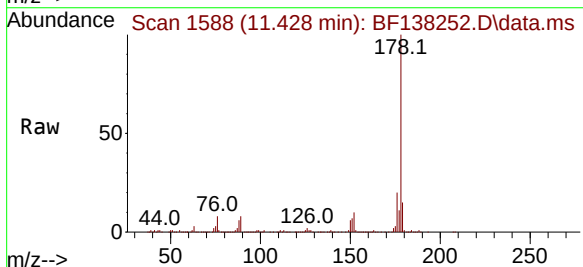
Instrument :
BNA_F
ClientSampleId :
72-11978

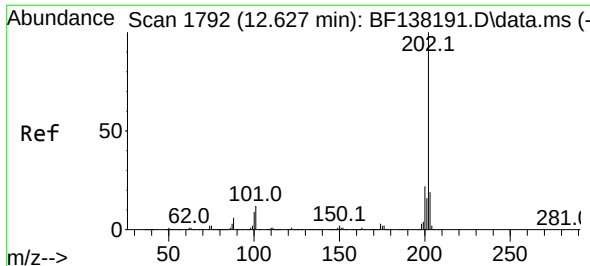
Tgt Ion:248 Resp: 22287
Ion Ratio Lower Upper
248 100
250 196.2 77.2 115.8#
141 460.4 44.1 66.1#



#71
Phenanthrene
Concen: 4.489 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF138252.D
Acq: 19 Jun 2024 18:29

Tgt Ion:178 Resp: 158099
Ion Ratio Lower Upper
178 100
176 19.8 16.4 24.6
179 15.2 13.1 19.7

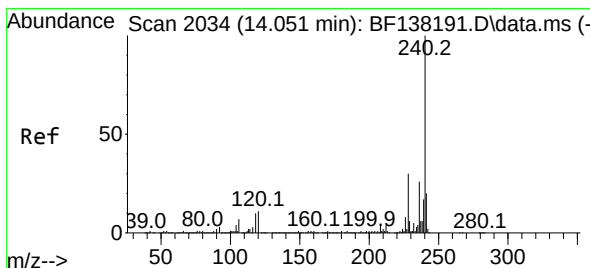
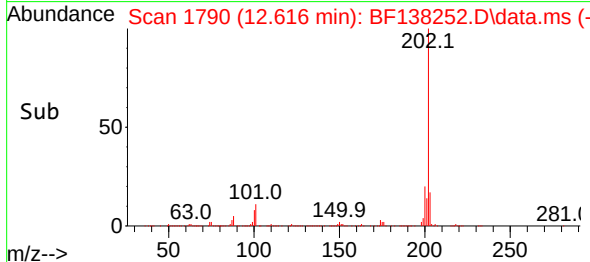
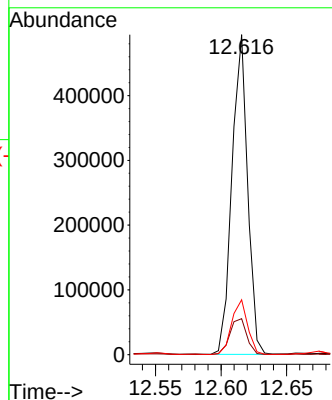
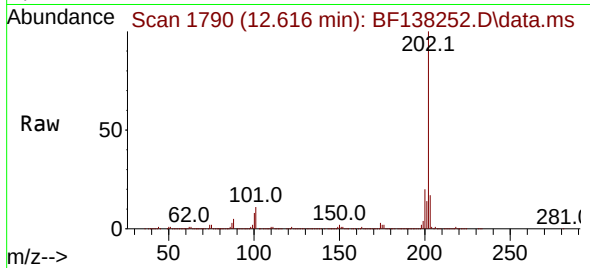




#75
Fluoranthene
Concen: 11.424 ng
RT: 12.616 min Scan# 1792
Delta R.T. -0.012 min
Lab File: BF138252.D
Acq: 19 Jun 2024 18:29

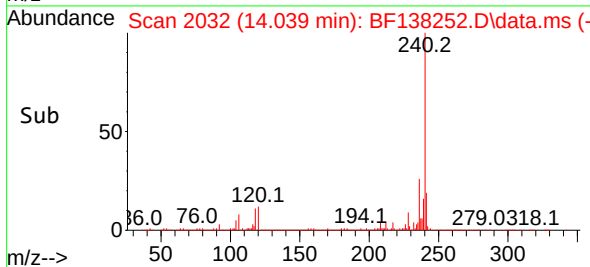
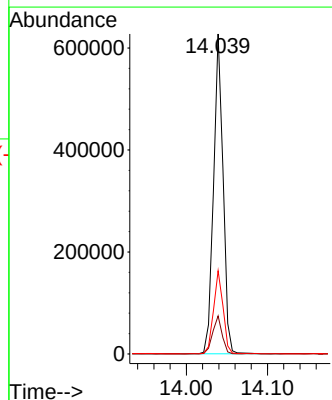
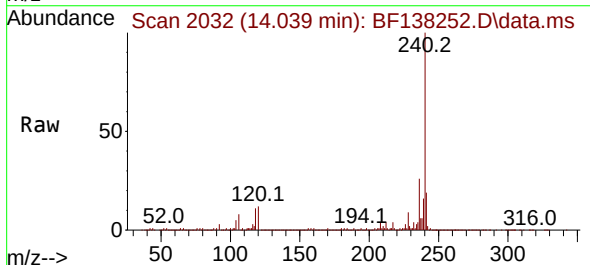
Instrument :
BNA_F
ClientSampleId :
72-11978

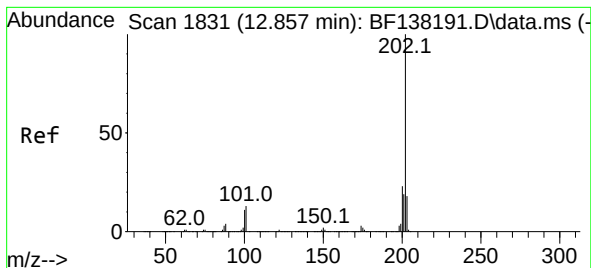
Tgt Ion:202 Resp: 410333
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.8
203 17.1 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138252.D
Acq: 19 Jun 2024 18:29

Tgt Ion:240 Resp: 508471
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 26.0 21.0 31.6





#78

Pyrene

Concen: 9.584 ng

RT: 12.845 min Scan# 1829

Delta R.T. -0.012 min

Lab File: BF138252.D

Acq: 19 Jun 2024 18:29

Instrument :

BNA_F

ClientSampleId :

72-11978

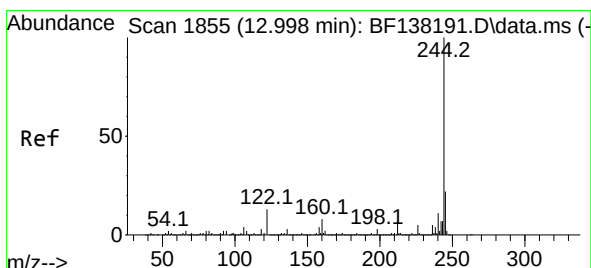
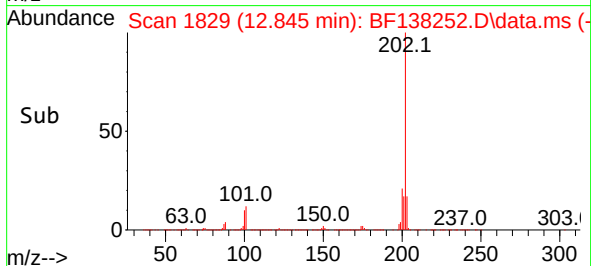
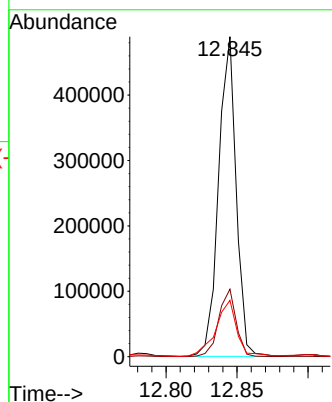
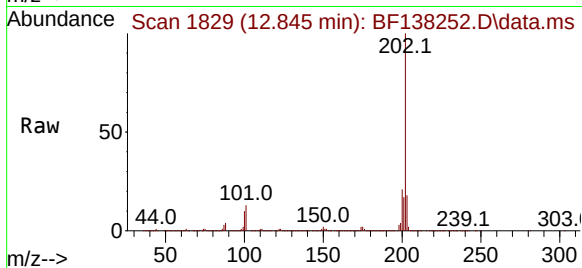
Tgt Ion:202 Resp: 420323

Ion Ratio Lower Upper

202 100

200 21.1 18.0 27.0

203 17.6 14.7 22.1



#79

Terphenyl-d14

Concen: 49.329 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.012 min

Lab File: BF138252.D

Acq: 19 Jun 2024 18:29

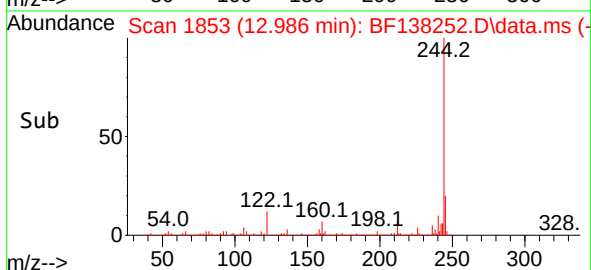
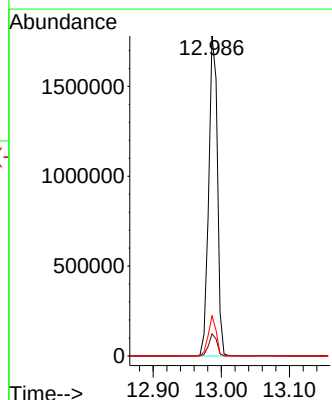
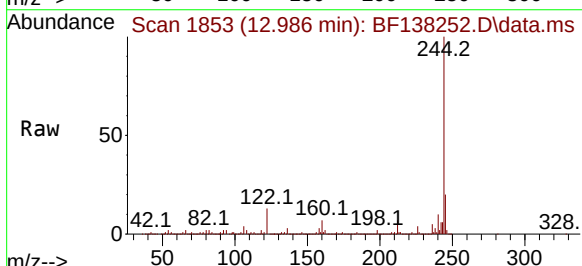
Tgt Ion:244 Resp: 1583642

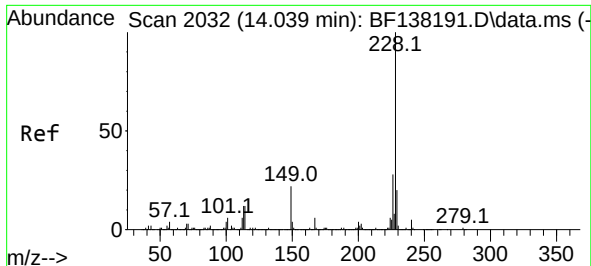
Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 12.5 10.6 15.8

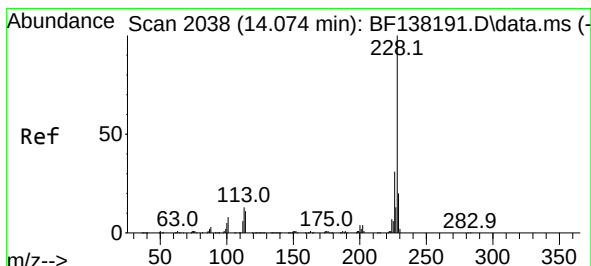
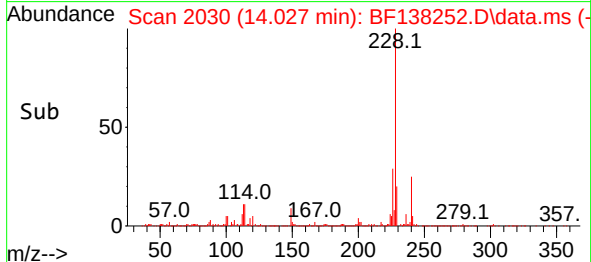
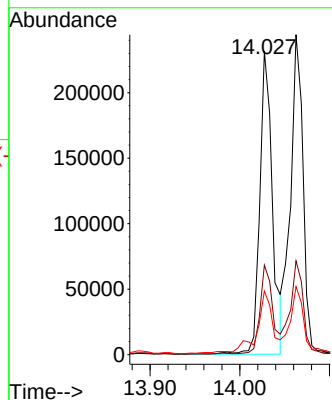
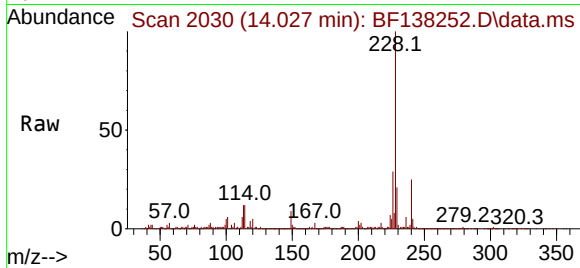




#81
Benzo(a)anthracene
Concen: 6.924 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF138252.D
Acq: 19 Jun 2024 18:29

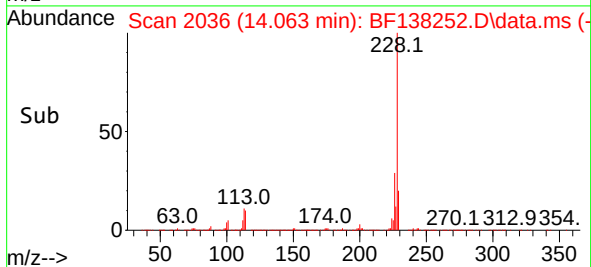
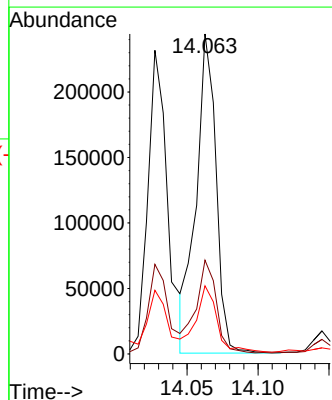
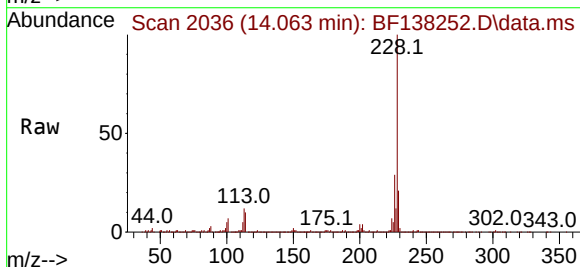
Instrument :
BNA_F
ClientSampleId :
72-11978

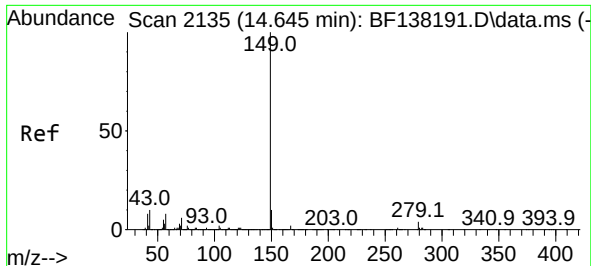
Tgt Ion:228 Resp: 225873
Ion Ratio Lower Upper
228 100
226 29.5 22.5 33.7
229 21.0 16.3 24.5



#83
Chrysene
Concen: 7.661 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF138252.D
Acq: 19 Jun 2024 18:29

Tgt Ion:228 Resp: 238209
Ion Ratio Lower Upper
228 100
226 29.3 24.5 36.7
229 21.3 16.3 24.5

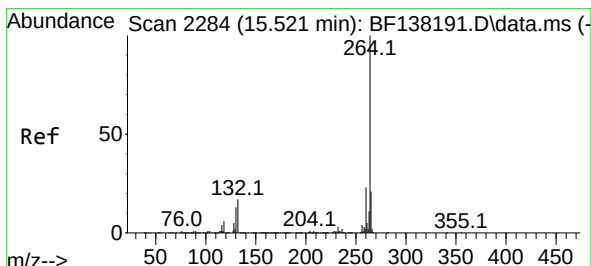
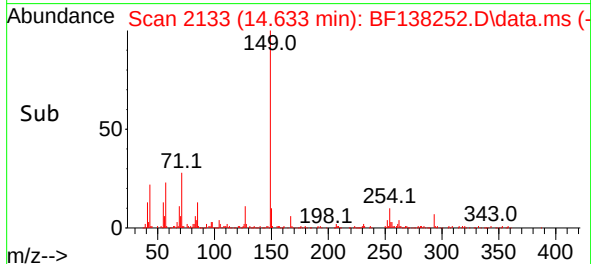
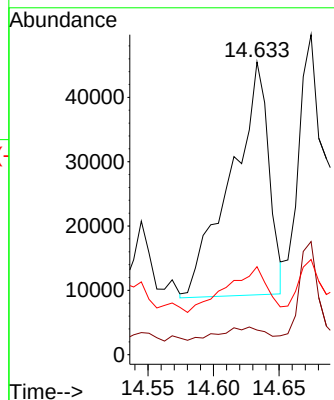
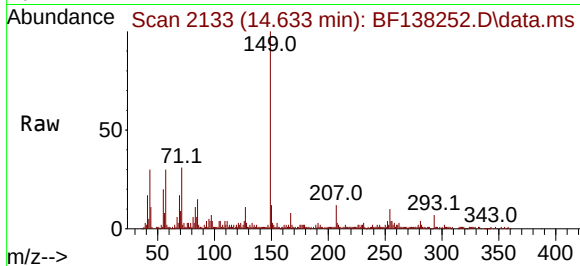




#85
Di-n-octyl phthalate
Concen: 3.519 ng
RT: 14.633 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BF138252.D
Acq: 19 Jun 2024 18:29

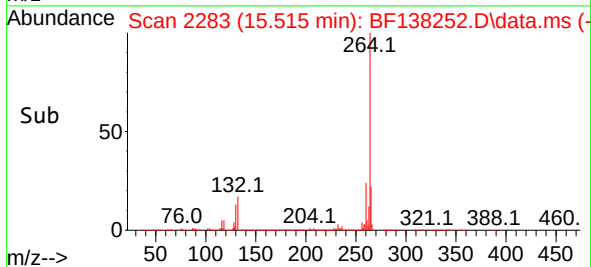
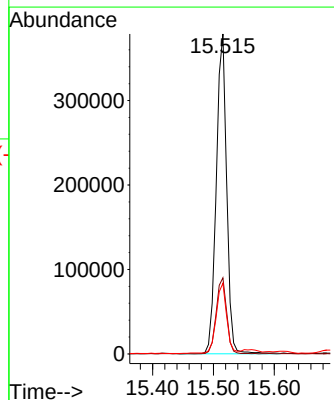
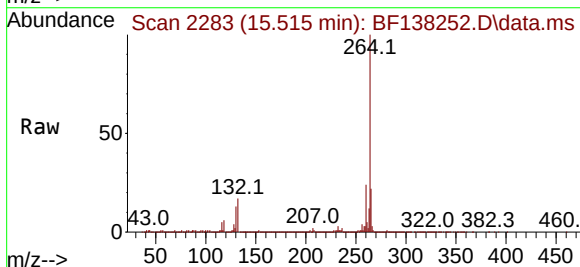
Instrument :
BNA_F
ClientSampleId :
72-11978

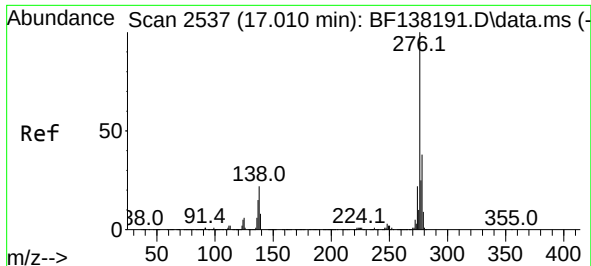
Tgt Ion:149 Resp: 72533
Ion Ratio Lower Upper
149 100
167 11.7 1.3 1.9#
43 25.4 7.8 11.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF138252.D
Acq: 19 Jun 2024 18:29

Tgt Ion:264 Resp: 447760
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 22.1 17.0 25.6

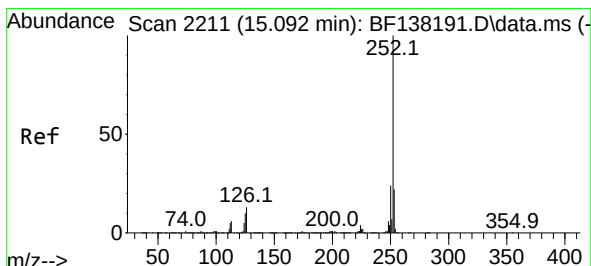
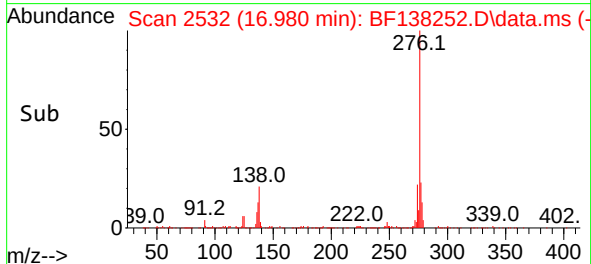
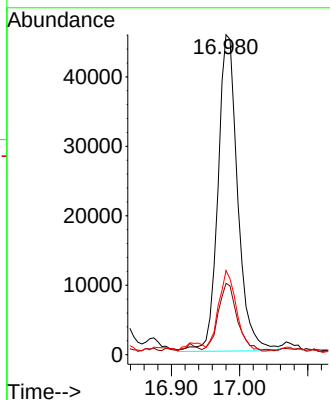
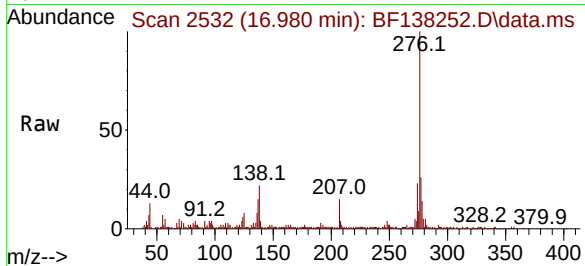




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.149 ng
RT: 16.980 min Scan# 2109
Delta R.T. -0.029 min
Lab File: BF138252.D
Acq: 19 Jun 2024 18:29

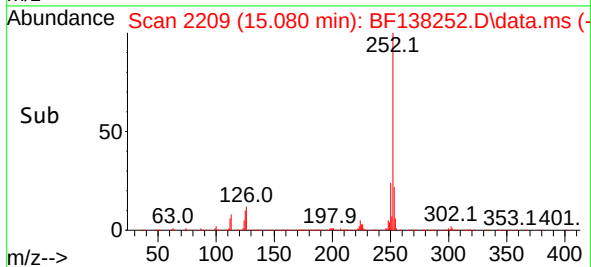
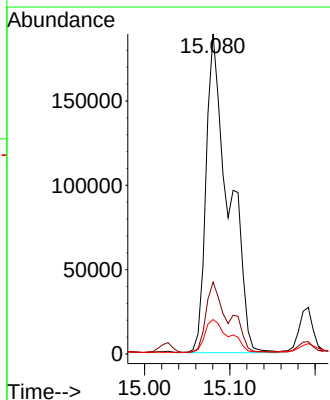
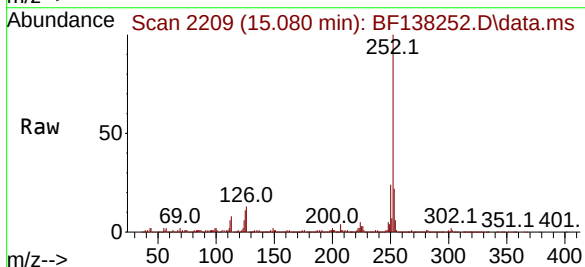
Instrument :
BNA_F
ClientSampleId :
72-11978

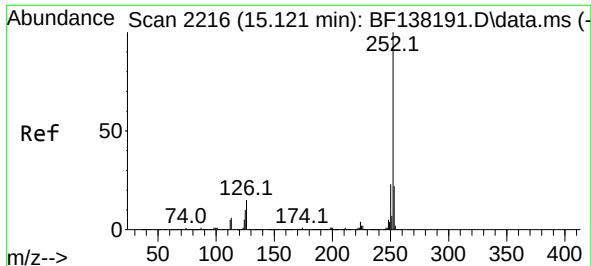
Tgt Ion:276 Resp: 91921
Ion Ratio Lower Upper
276 100
138 21.0 19.3 28.9
277 23.3 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 13.251 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF138252.D
Acq: 19 Jun 2024 18:29

Tgt Ion:252 Resp: 349882
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.8 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 13.521 ng

RT: 15.080 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF138252.D

Acq: 19 Jun 2024 18:29

Instrument :

BNA_F

ClientSampleId :

72-11978

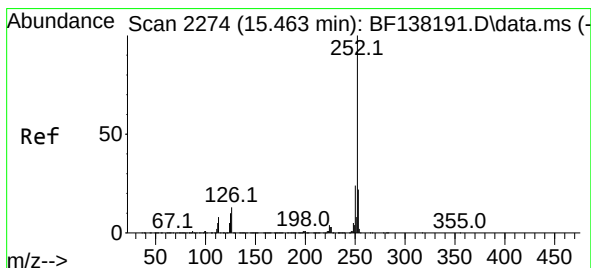
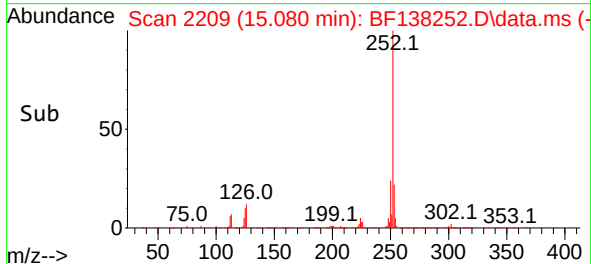
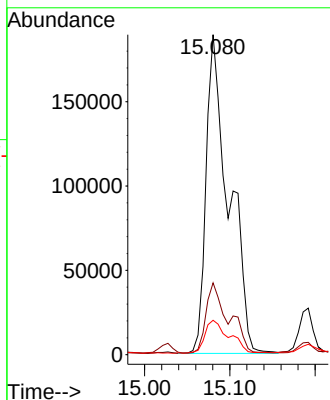
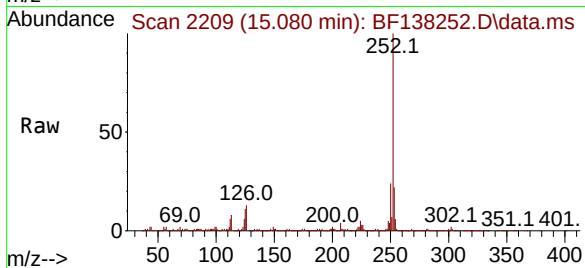
Tgt Ion:252 Resp: 349882

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 10.8 8.0 12.0



#90

Benzo(a)pyrene

Concen: 6.699 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.018 min

Lab File: BF138252.D

Acq: 19 Jun 2024 18:29

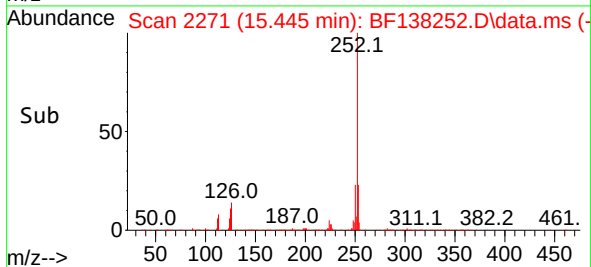
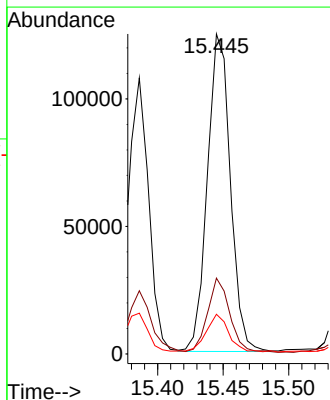
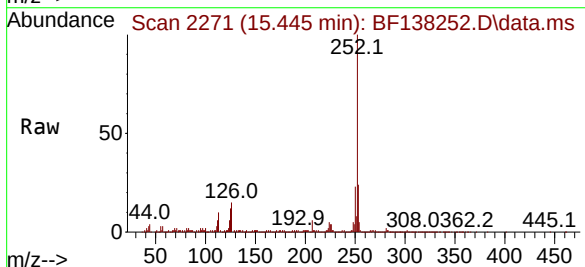
Tgt Ion:252 Resp: 151965

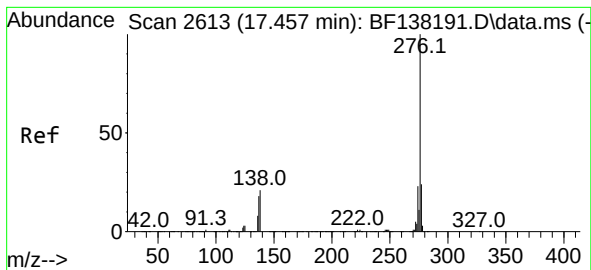
Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

125 12.4 8.2 12.2#





#92

Benzo(g,h,i)perylene

Concen: 3.620 ng

RT: 17.427 min Scan# 20

Delta R.T. -0.029 min

Lab File: BF138252.D

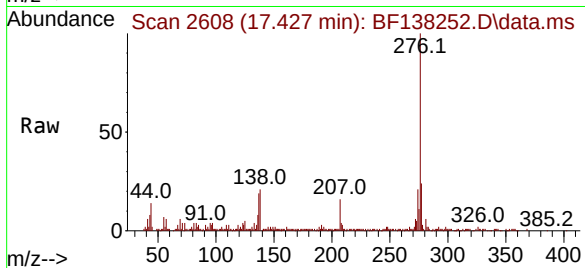
Acq: 19 Jun 2024 18:29

Instrument :

BNA_F

ClientSampleId :

72-11978



Tgt Ion:276 Resp: 89729

Ion Ratio Lower Upper

276 100

277 24.3 19.5 29.3

138 21.3 16.6 24.8

