

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
 Data File : BF138374.D
 Acq On : 27 Jun 2024 19:09
 Operator : CG\JU
 Sample : P3076-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7-W-1

Quant Time: Jun 28 01:13:11 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)

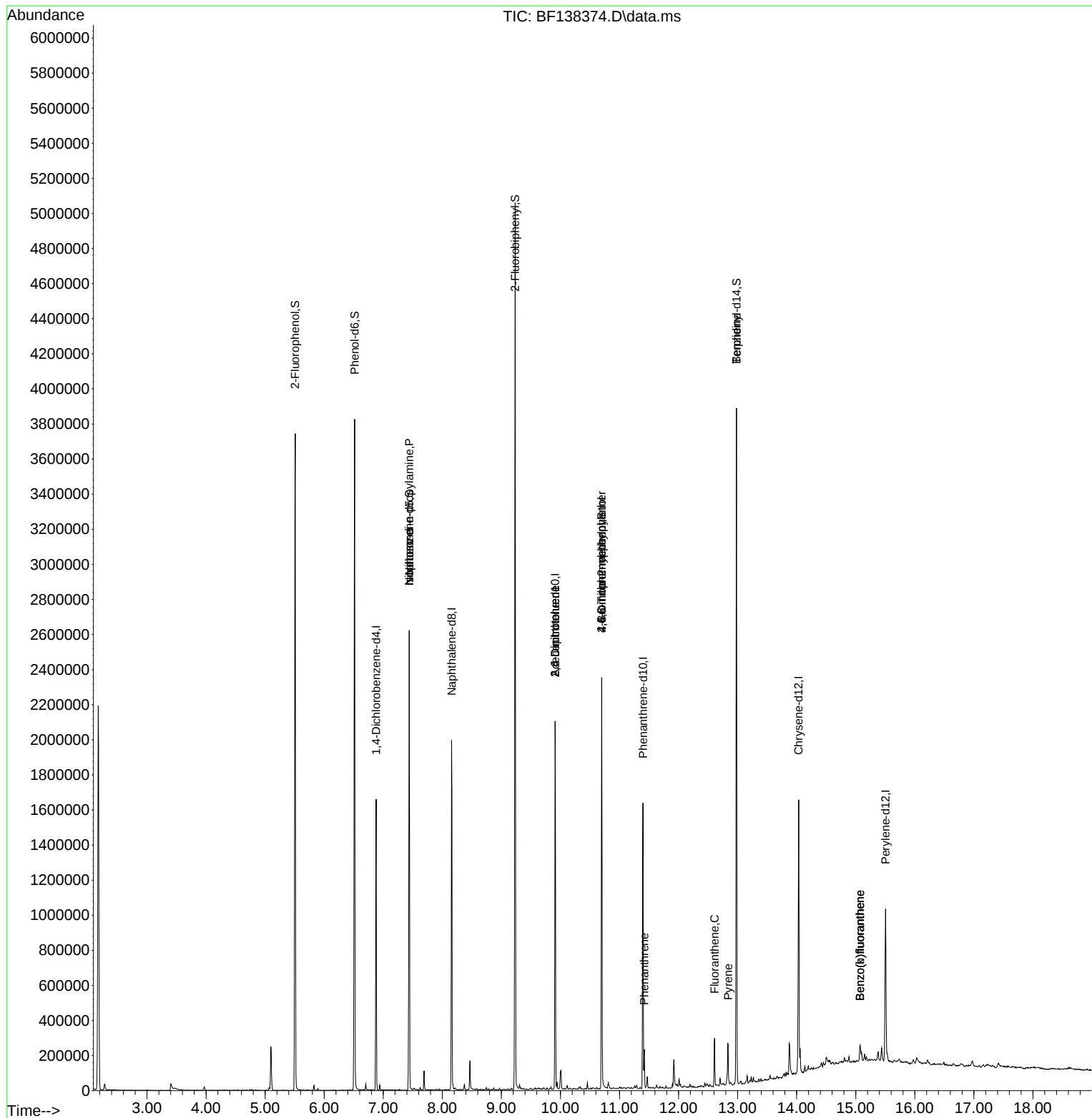
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	237131	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	883360	20.000	ng	-0.02
39) Acenaphthene-d10	9.910	164	423542	20.000	ng	-0.02
64) Phenanthrene-d10	11.398	188	578877	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	485113	20.000	ng	-0.02
86) Perylene-d12	15.504	264	395119	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1080211	76.203	ng	0.00
7) Phenol-d6	6.516	99	1285075	71.492	ng	0.00
23) Nitrobenzene-d5	7.439	82	799978	52.721	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	285581	67.730	ng	-0.02
45) 2-Fluorobiphenyl	9.233	172	1472254	55.274	ng	-0.02
79) Terphenyl-d14	12.980	244	1258150	41.077	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	106302	9.977	ng	# 76
25) Isophorone	7.439	82	799972	29.147	ng	# 62
51) 2,6-Dinitrotoluene	9.910	165	54525	9.685	ng	# 25
57) 2,4-Dinitrotoluene	9.910	165	54525	7.852	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.698	198	414	7.054	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	17738	2.719	ng	# 1
71) Phenanthrene	11.422	178	75013	2.620	ng	97
75) Fluoranthene	12.610	202	108230	3.708	ng	98
77) Benzidine	12.980	184	15149	2.700	ng	# 94
78) Pyrene	12.839	202	102151	2.441	ng	98
88) Benzo(b)fluoranthene	15.074	252	72800	3.124	ng	# 95
89) Benzo(k)fluoranthene	15.074	252	72800	3.188	ng	# 95

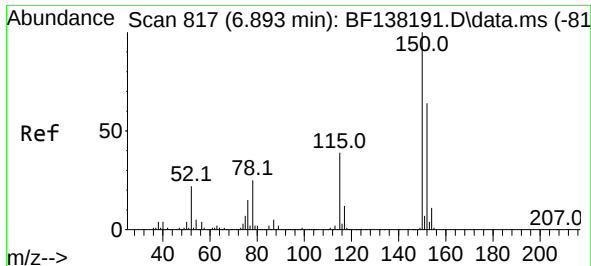
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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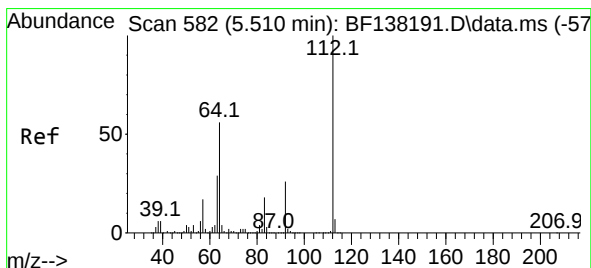
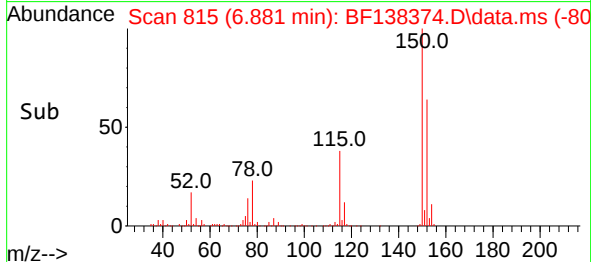
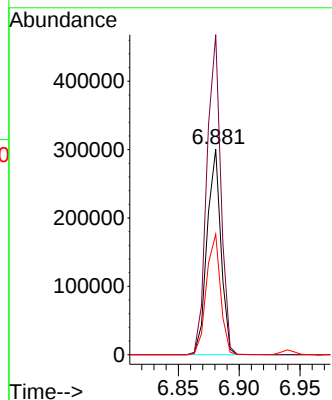
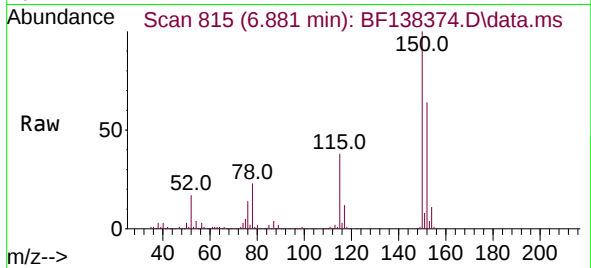




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 817
 Delta R.T. -0.012 min
 Lab File: BF138374.D
 Acq: 27 Jun 2024 19:09

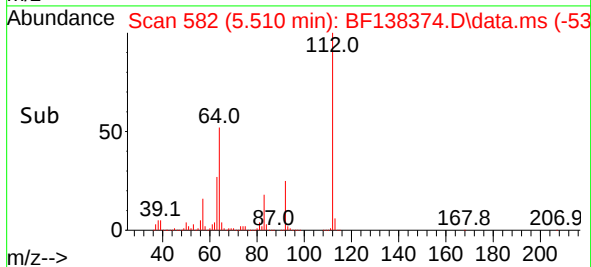
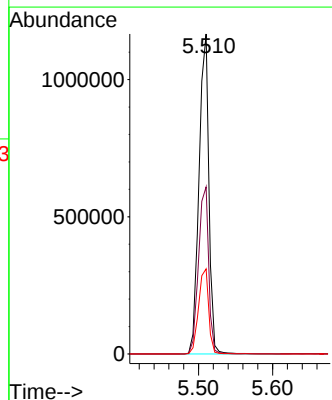
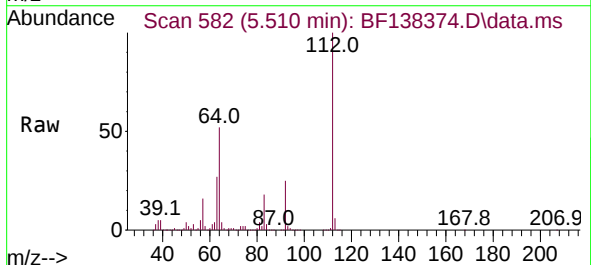
Instrument :
 BNA_F
 ClientSampleId :
 7-W-1

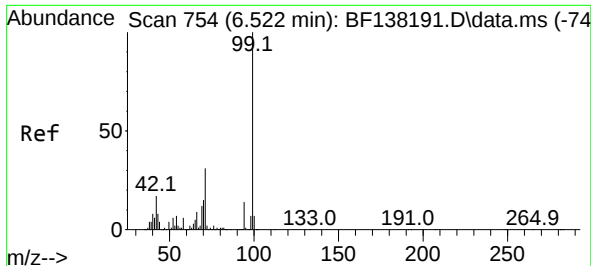
Tgt Ion:152 Resp: 237131
 Ion Ratio Lower Upper
 152 100
 150 155.8 125.0 187.4
 115 58.6 48.4 72.6



#5
 2-Fluorophenol
 Concen: 76.203 ng
 RT: 5.510 min Scan# 582
 Delta R.T. -0.000 min
 Lab File: BF138374.D
 Acq: 27 Jun 2024 19:09

Tgt Ion:112 Resp: 1080211
 Ion Ratio Lower Upper
 112 100
 64 52.2 45.2 67.8
 63 26.6 22.9 34.3

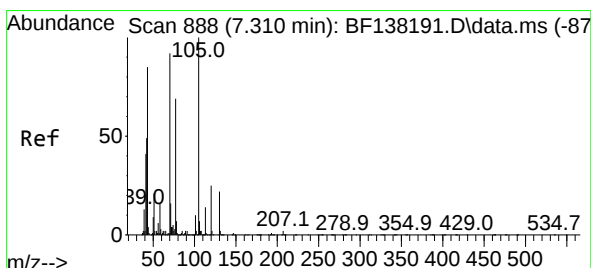
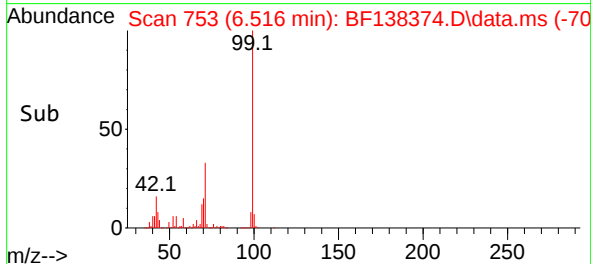
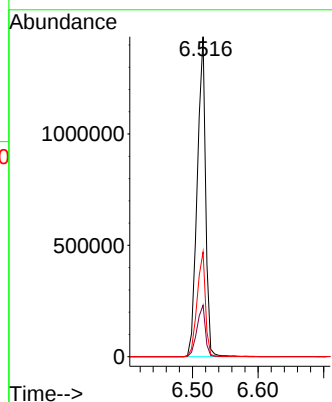
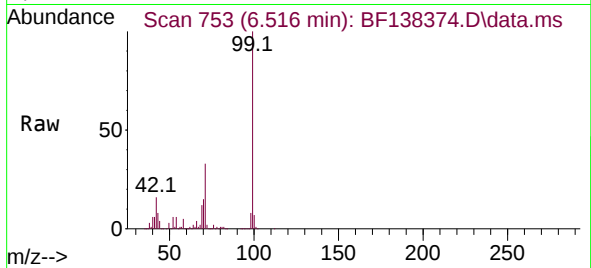




#7
Phenol-d6
Concen: 71.492 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

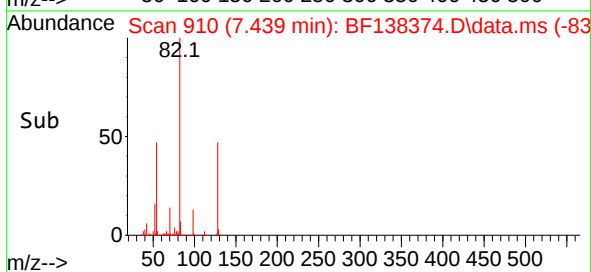
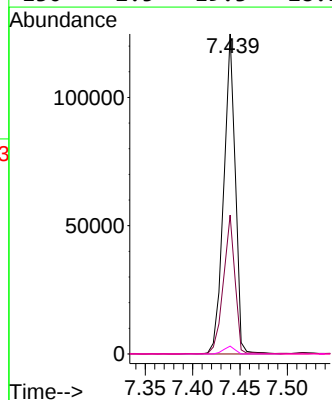
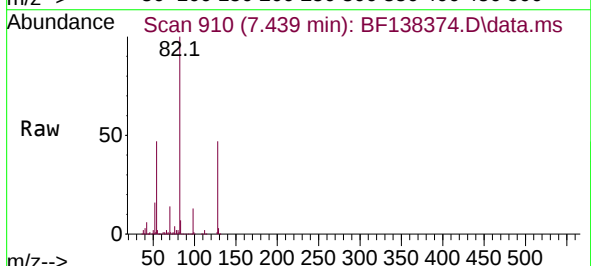
Instrument :
BNA_F
ClientSampleId :
7-W-1

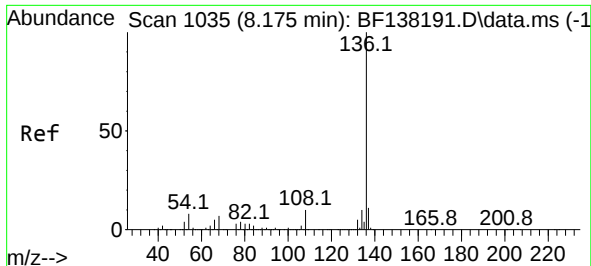
Tgt Ion: 99 Resp: 1285075
Ion Ratio Lower Upper
99 100
42 16.1 13.7 20.5
71 32.7 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.977 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.129 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

Tgt Ion: 70 Resp: 106302
Ion Ratio Lower Upper
70 100
42 43.4 42.8 64.2
101 0.0 8.4 12.6#
130 2.5 19.3 28.9#



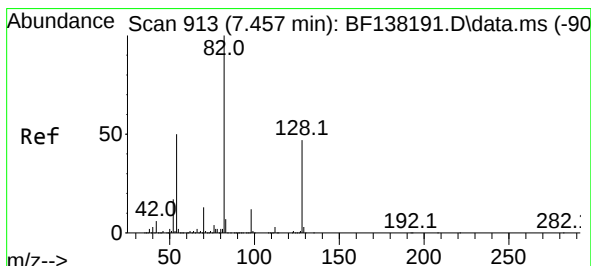
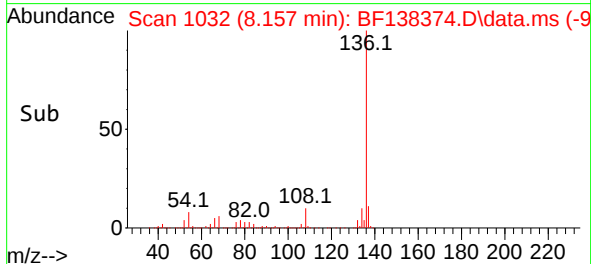
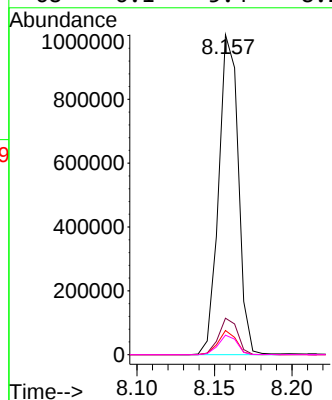
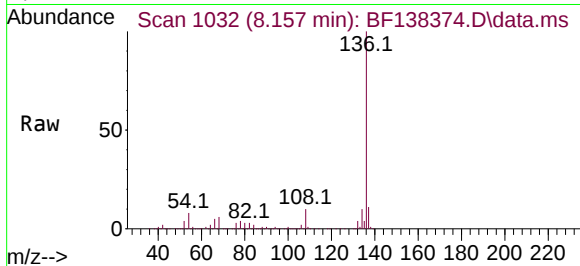


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.018 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

Instrument :
BNA_F
ClientSampleId :
7-W-1

Tgt Ion:136 Resp: 883360

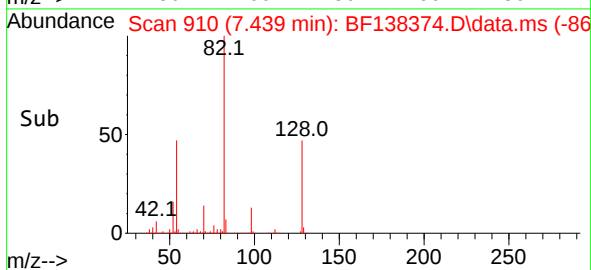
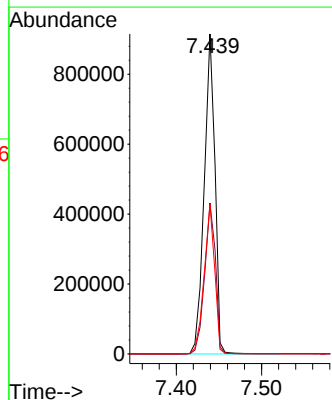
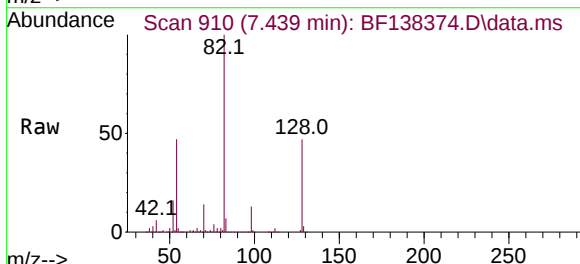
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.6	6.6	10.0
68	6.1	5.4	8.2

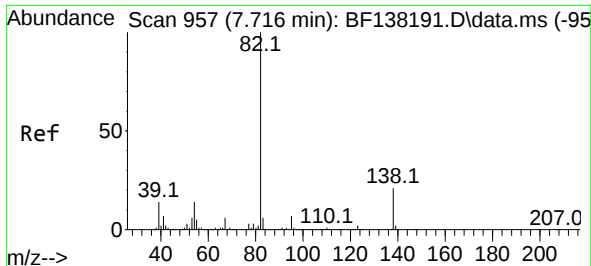


#23
Nitrobenzene-d5
Concen: 52.721 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.018 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

Tgt Ion: 82 Resp: 799978

Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.2	55.8
54	46.9	39.8	59.6

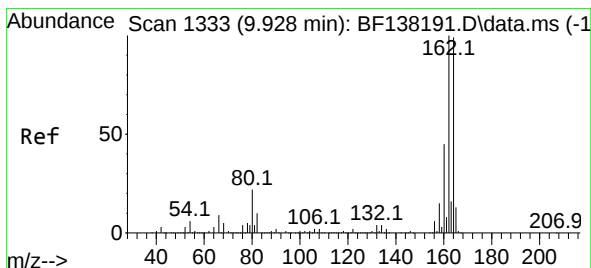
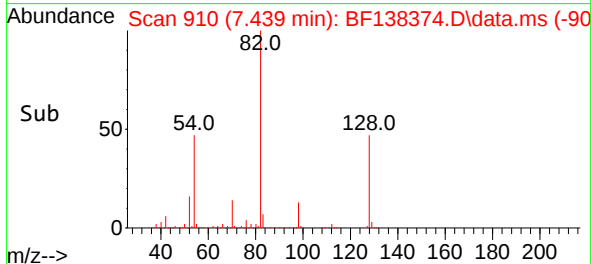
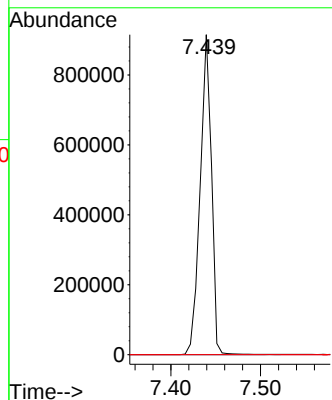
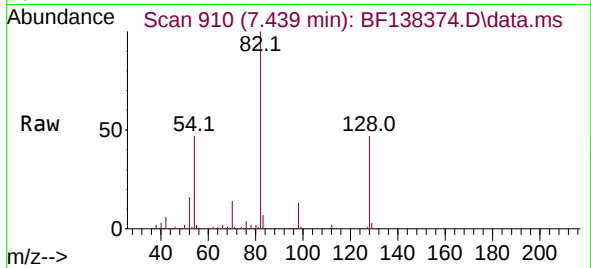




#25
Isophorone
Concen: 29.147 ng
RT: 7.439 min Scan# 91
Delta R.T. -0.277 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

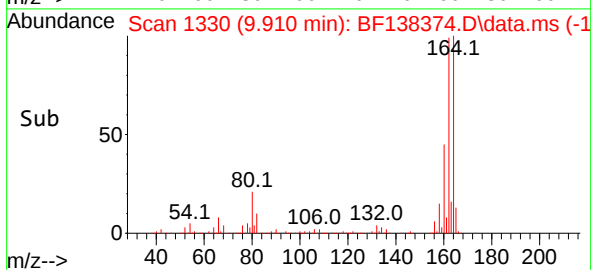
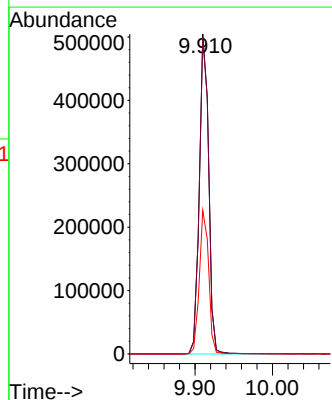
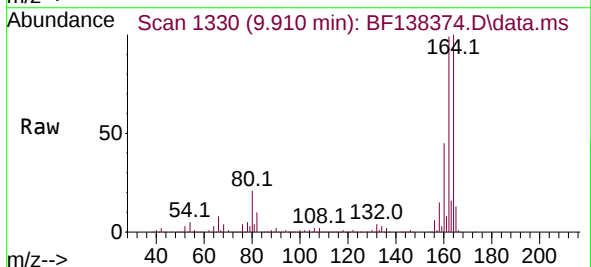
Instrument :
BNA_F
ClientSampleId :
7-W-1

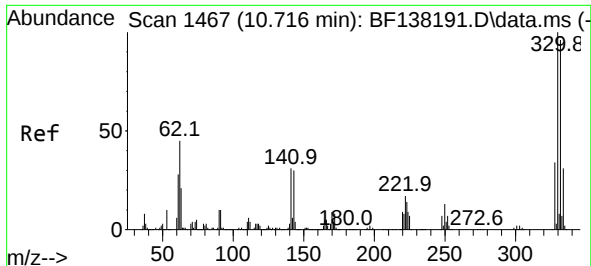
Tgt Ion: 82 Resp: 799972
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.018 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

Tgt Ion:164 Resp: 423542
Ion Ratio Lower Upper
164 100
162 98.8 80.6 121.0
160 44.8 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 67.730 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.018 min

Lab File: BF138374.D

Acq: 27 Jun 2024 19:09

Instrument :

BNA_F

ClientSampleId :

7-W-1

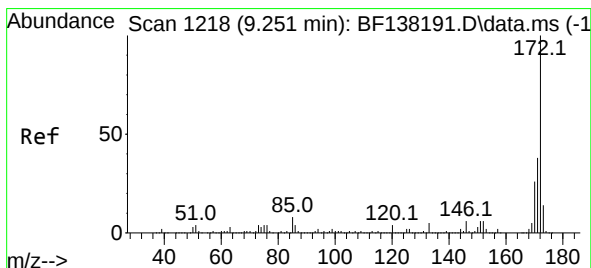
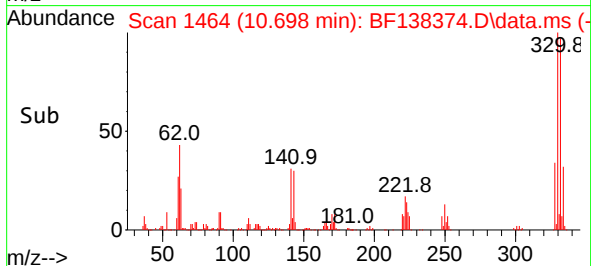
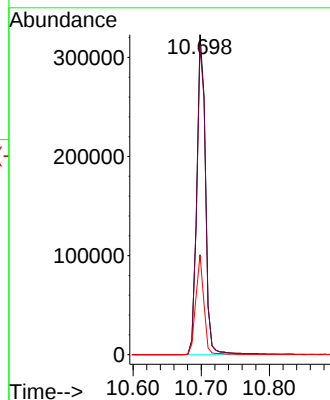
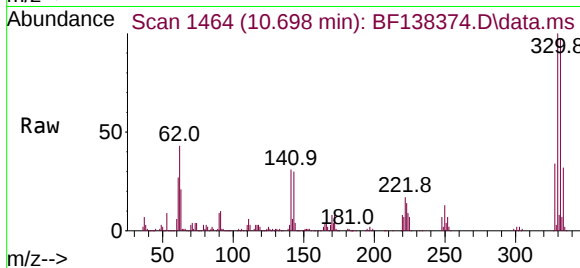
Tgt Ion:330 Resp: 285581

Ion Ratio Lower Upper

330 100

332 98.1 76.6 115.0

141 29.2 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 55.274 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.018 min

Lab File: BF138374.D

Acq: 27 Jun 2024 19:09

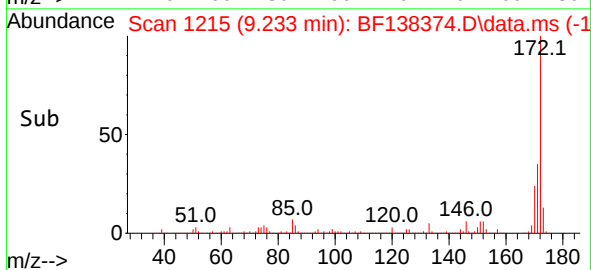
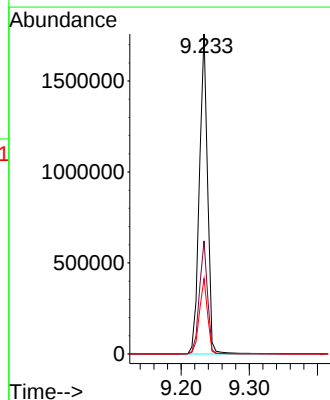
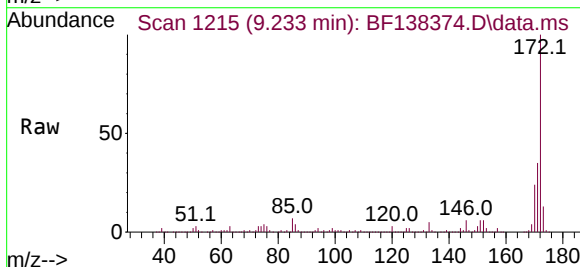
Tgt Ion:172 Resp: 1472254

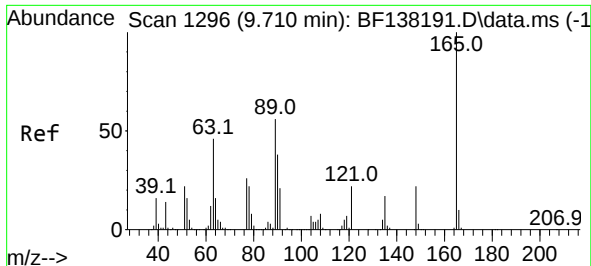
Ion Ratio Lower Upper

172 100

171 35.3 30.3 45.5

170 23.6 20.6 30.8

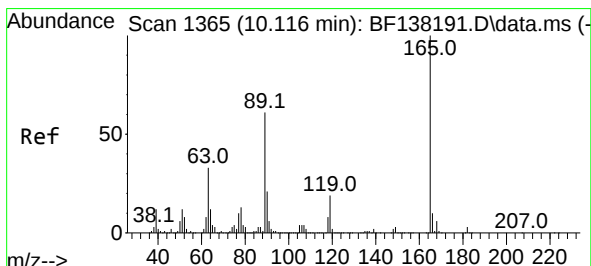
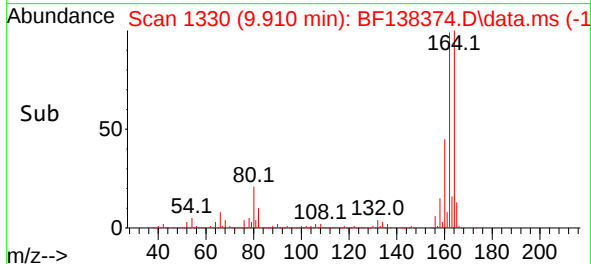
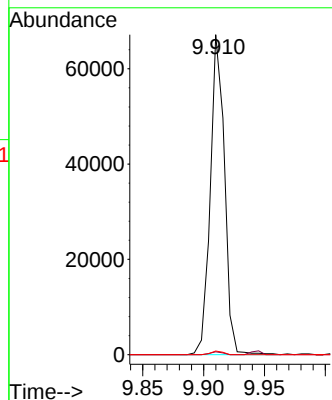
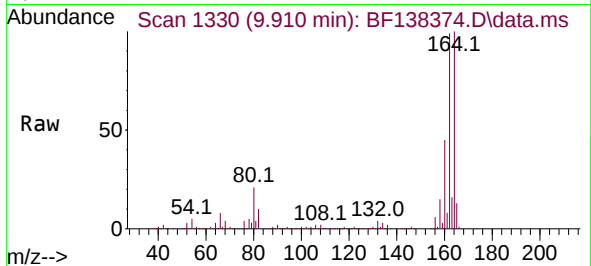




#51
2,6-Dinitrotoluene
Concen: 9.685 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

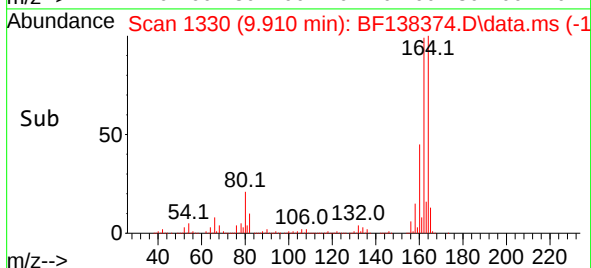
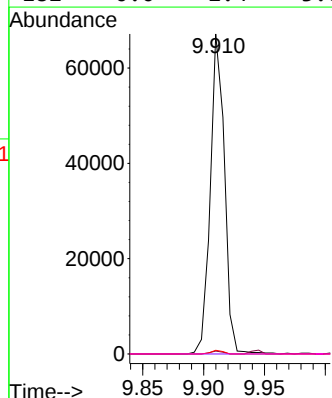
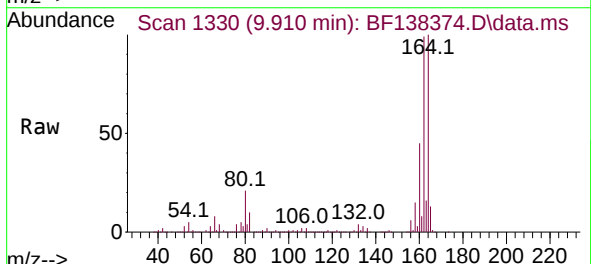
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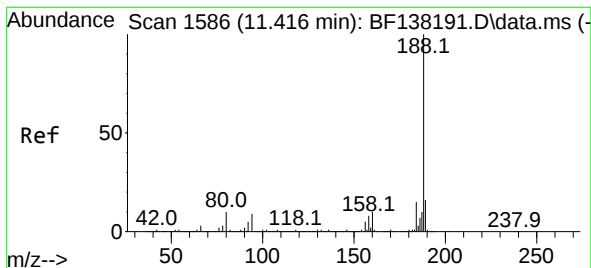
Tgt Ion:165 Resp: 54525
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 1.2 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.852 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.206 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

Tgt Ion:165 Resp: 54525
Ion Ratio Lower Upper
165 100
63 0.9 26.6 39.8#
89 1.2 48.7 73.1#
182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138374.D

Acq: 27 Jun 2024 19:09

Instrument :

BNA_F

ClientSampleId :

7-W-1

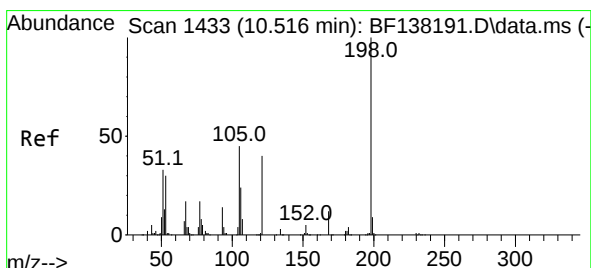
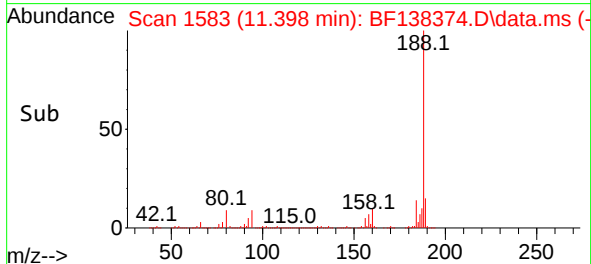
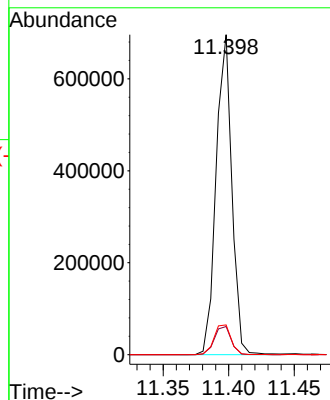
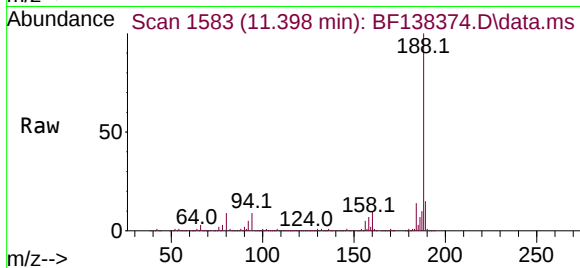
Tgt Ion:188 Resp: 578877

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 9.3 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.054 ng

RT: 10.698 min Scan# 1464

Delta R.T. 0.182 min

Lab File: BF138374.D

Acq: 27 Jun 2024 19:09

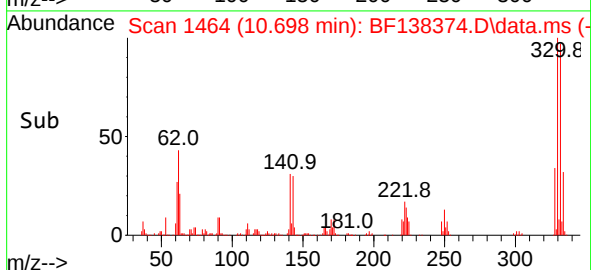
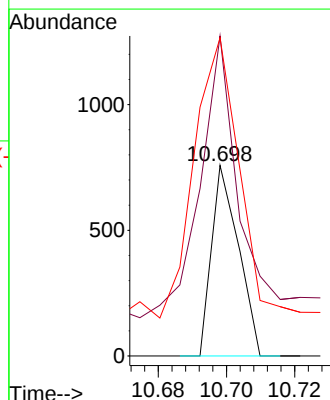
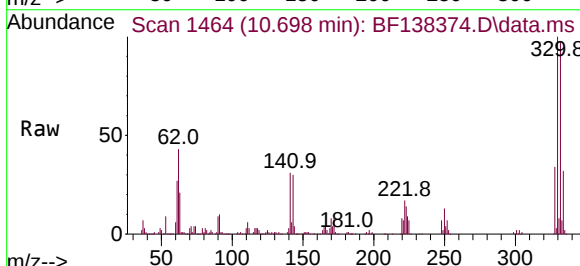
Tgt Ion:198 Resp: 414

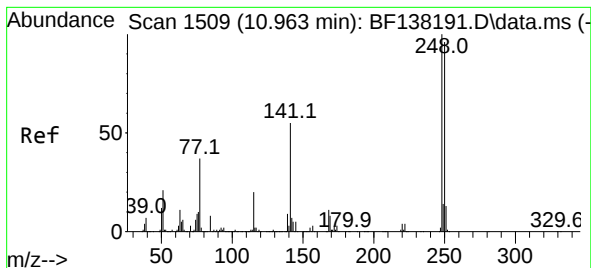
Ion Ratio Lower Upper

198 100

51 167.9 26.9 66.9#

105 167.0 26.0 66.0#

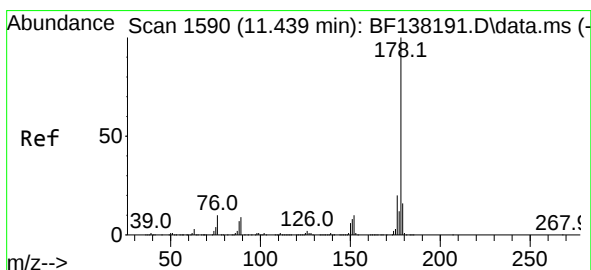
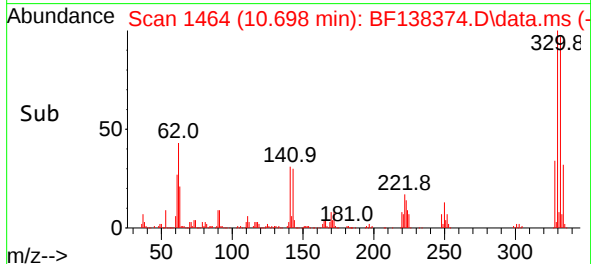
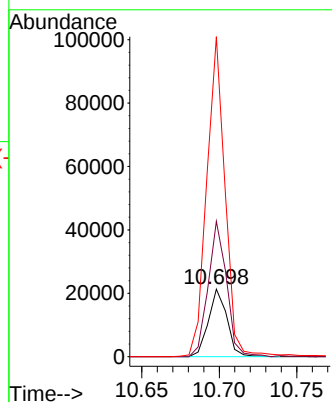
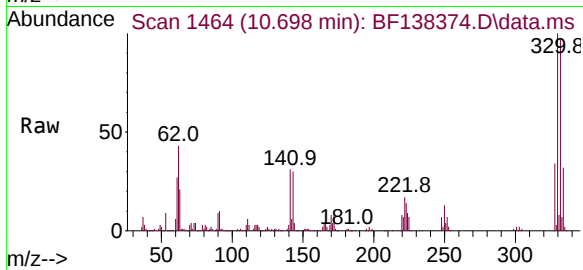




#67
4-Bromophenyl-phenylether
Concen: 2.719 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.265 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

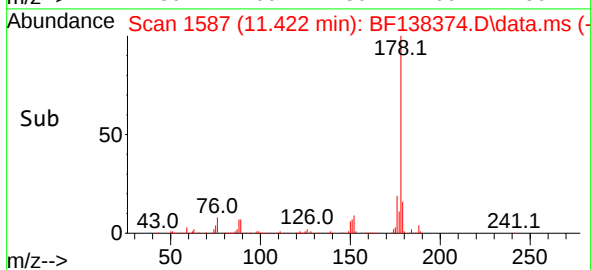
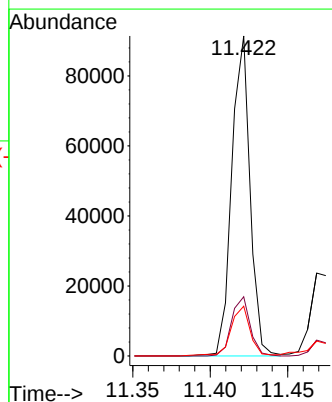
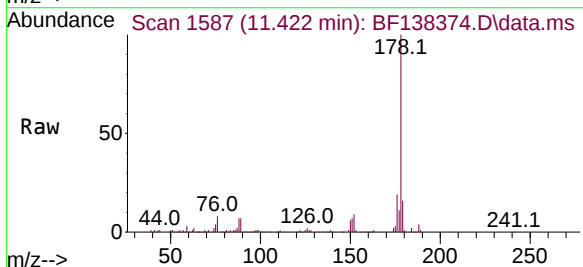
Instrument :
BNA_F
ClientSampleId :
7-W-1

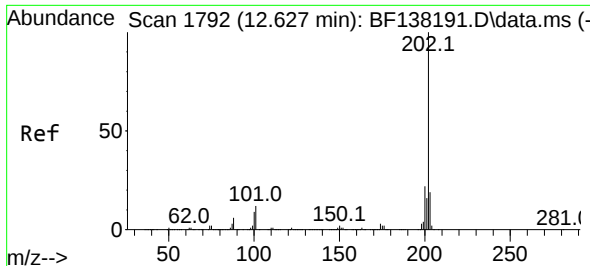
Tgt Ion:248 Resp: 17738
Ion Ratio Lower Upper
248 100
250 200.3 77.2 115.8#
141 473.4 44.1 66.1#



#71
Phenanthrene
Concen: 2.620 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.018 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

Tgt Ion:178 Resp: 75013
Ion Ratio Lower Upper
178 100
176 18.5 16.4 24.6
179 15.5 13.1 19.7

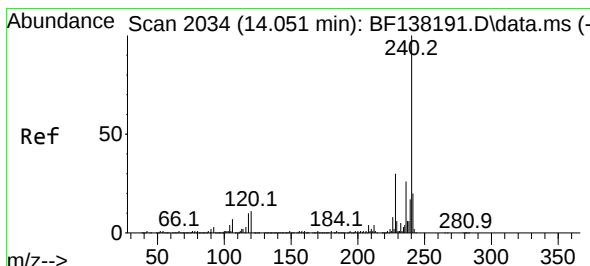
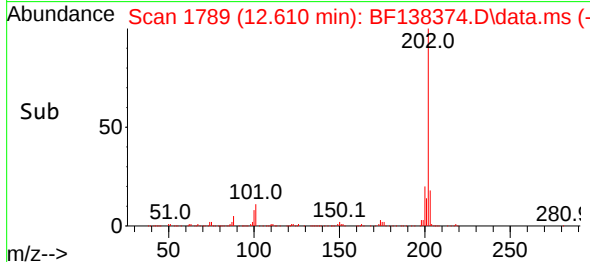
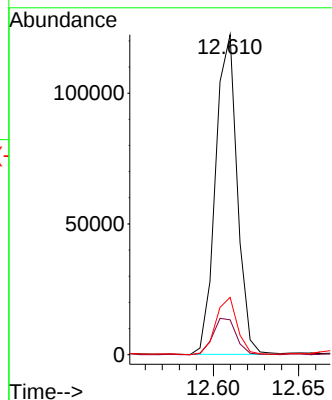
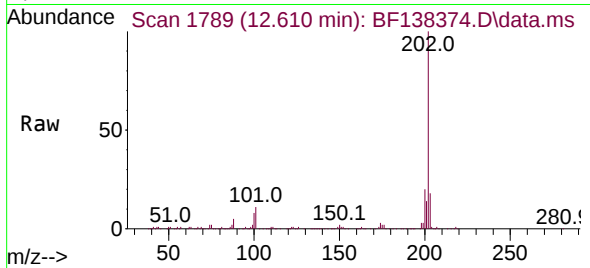




#75
Fluoranthene
Concen: 3.708 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.018 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

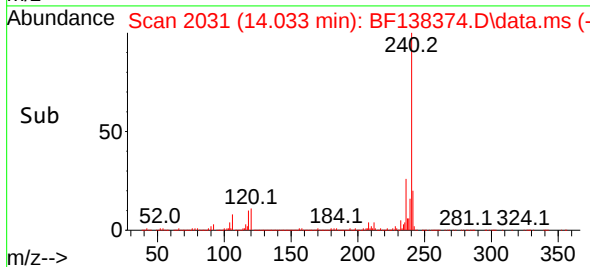
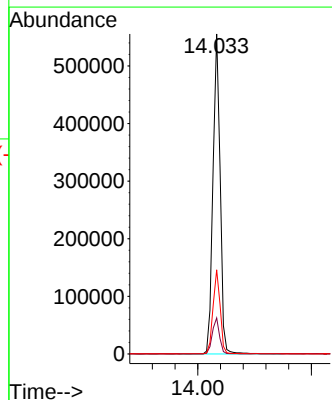
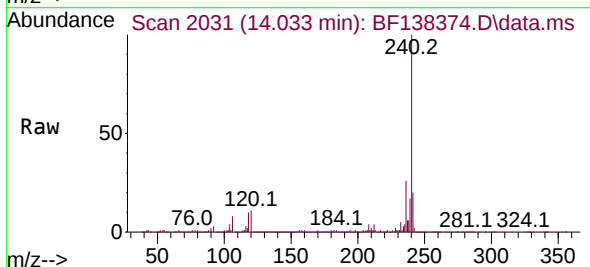
Instrument :
BNA_F
ClientSampleId :
7-W-1

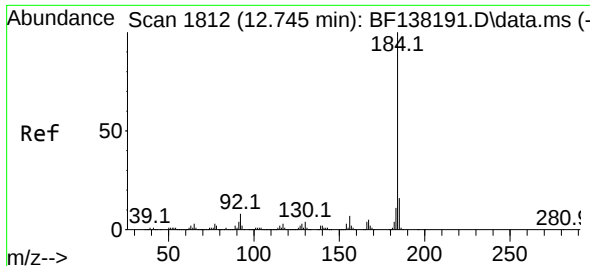
Tgt Ion:202 Resp: 108230
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.8
203 17.9 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

Tgt Ion:240 Resp: 485113
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 26.3 21.0 31.6

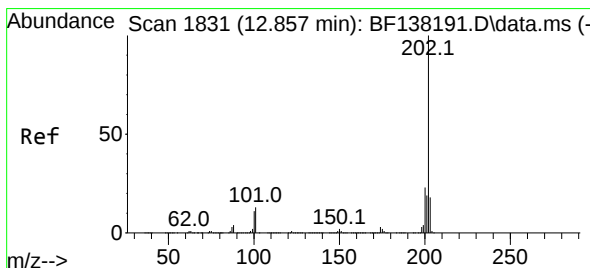
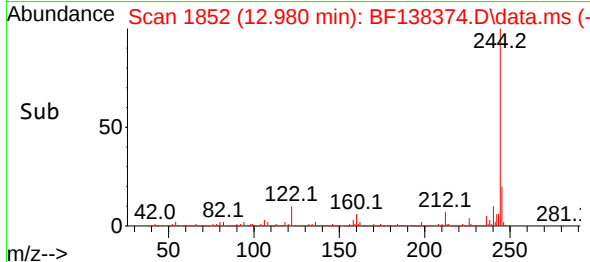
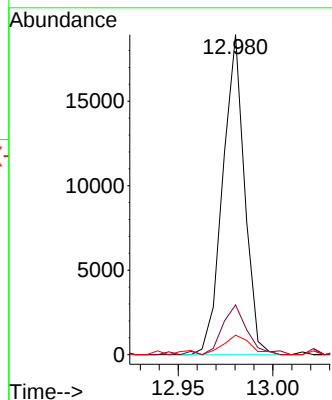
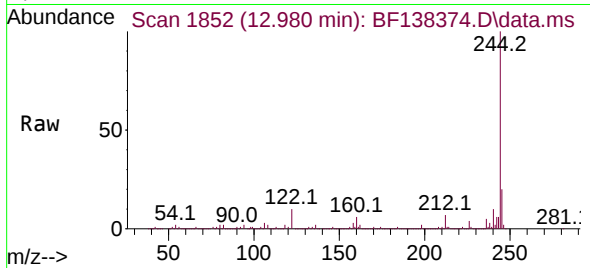




#77
Benzidine
Concen: 2.700 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.235 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

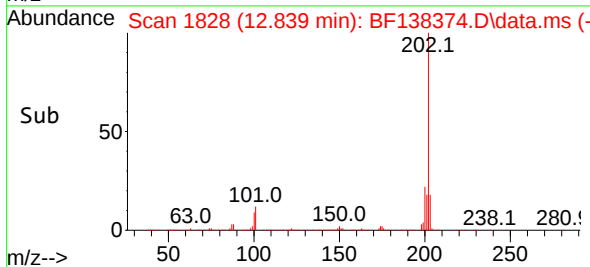
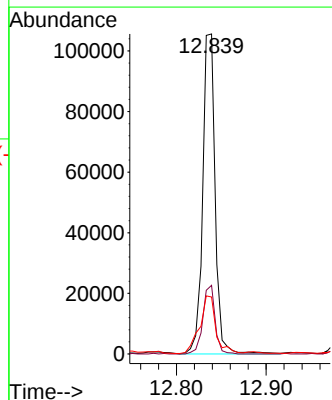
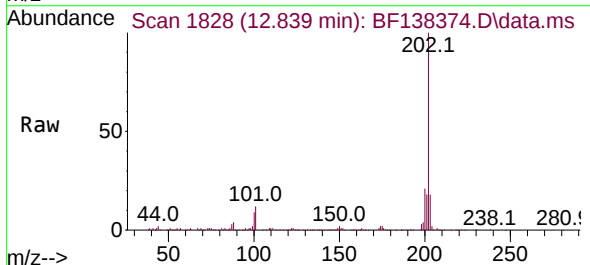
Instrument :
BNA_F
ClientSampleId :
7-W-1

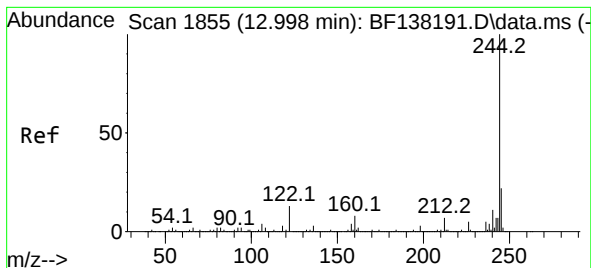
Tgt Ion:184 Resp: 15149
Ion Ratio Lower Upper
184 100
185 15.5 12.6 19.0
183 6.1 9.0 13.6#



#78
Pyrene
Concen: 2.441 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.018 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

Tgt Ion:202 Resp: 102151
Ion Ratio Lower Upper
202 100
200 21.5 18.0 27.0
203 17.8 14.7 22.1





#79

Terphenyl-d14

Concen: 41.077 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.018 min

Lab File: BF138374.D

Acq: 27 Jun 2024 19:09

Instrument :

BNA_F

ClientSampleId :

7-W-1

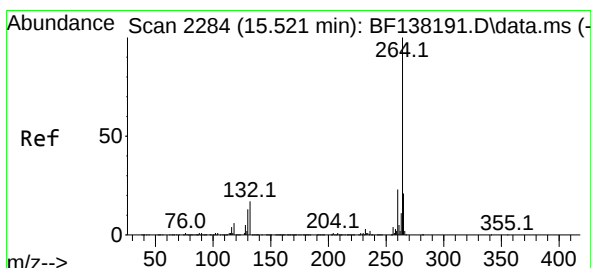
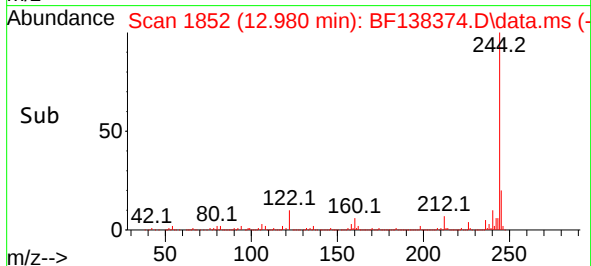
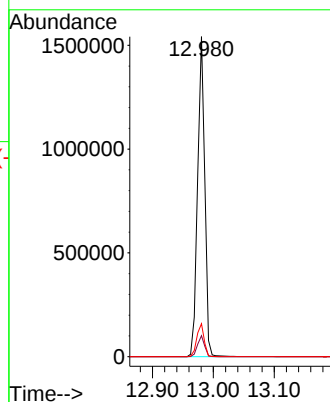
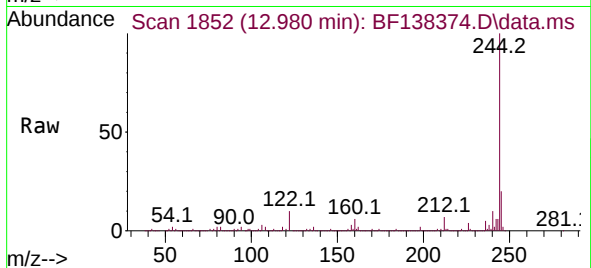
Tgt Ion:244 Resp: 1258150

Ion Ratio Lower Upper

244 100

212 6.5 5.9 8.9

122 10.3 10.6 15.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2281

Delta R.T. -0.018 min

Lab File: BF138374.D

Acq: 27 Jun 2024 19:09

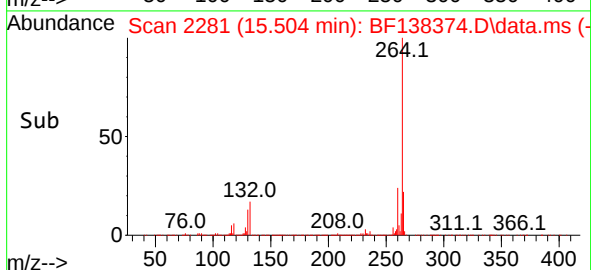
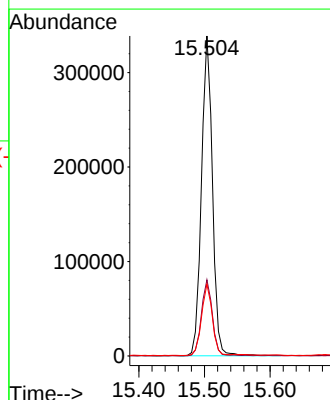
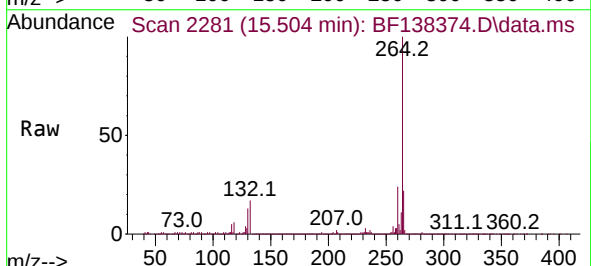
Tgt Ion:264 Resp: 395119

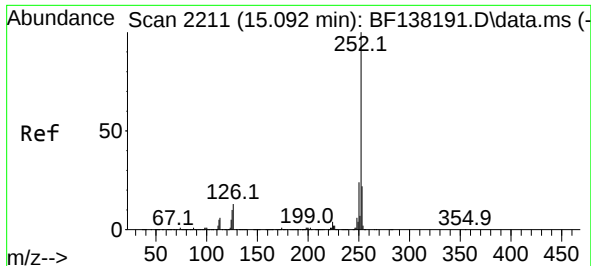
Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.4 17.0 25.6

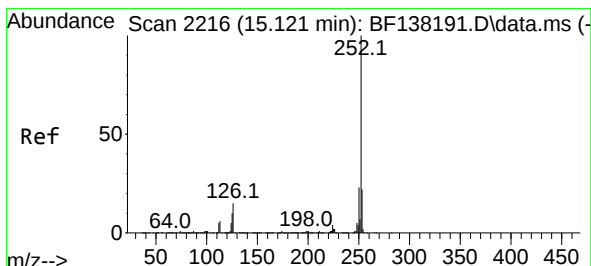
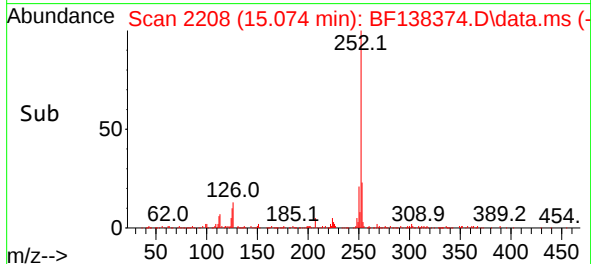
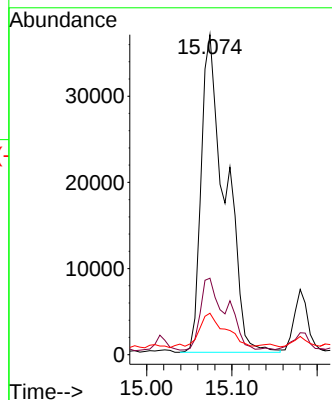
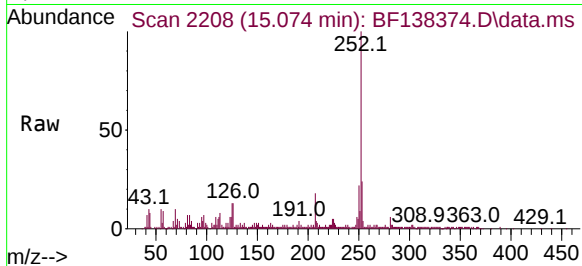




#88
Benzo(b)fluoranthene
Concen: 3.124 ng
RT: 15.074 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

Instrument :
BNA_F
ClientSampleId :
7-W-1

Tgt Ion:252 Resp: 72800
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 12.9 7.8 11.8#



#89
Benzo(k)fluoranthene
Concen: 3.188 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.047 min
Lab File: BF138374.D
Acq: 27 Jun 2024 19:09

Tgt Ion:252 Resp: 72800
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 12.9 8.0 12.0#

