

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
 Data File : BF138140.D
 Acq On : 06 Jun 2024 18:44
 Operator : CG\JU
 Sample : P2717-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5B

Quant Time: Jun 07 03:15:47 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)

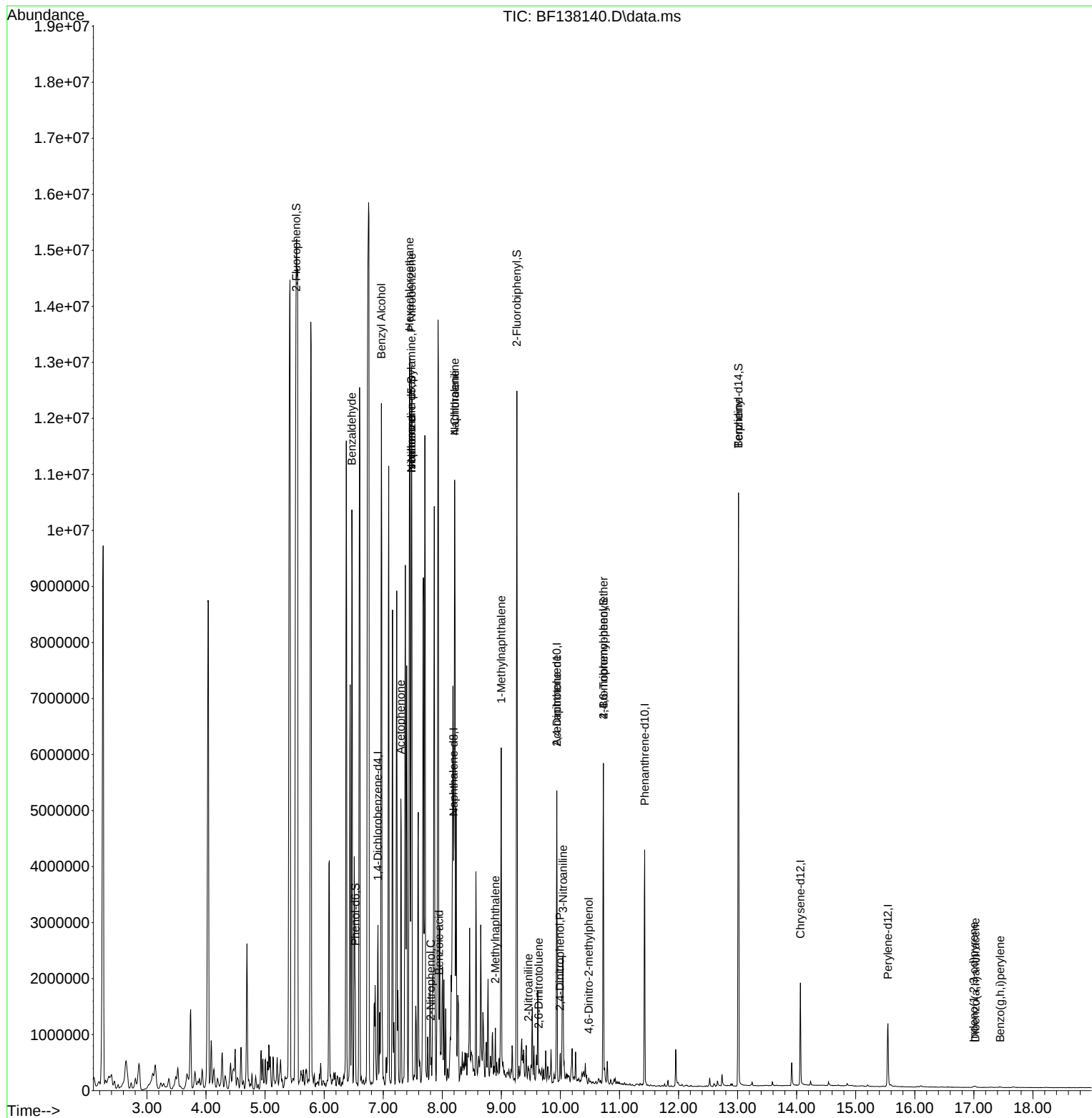
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	397252	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	1526473	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	882880	20.000	ng	# 0.00
64) Phenanthrene-d10	11.428	188	1483681	20.000	ng	0.00
76) Chrysene-d12	14.063	240	618168	20.000	ng	0.00
86) Perylene-d12	15.545	264	580422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	384240	16.484	ng	0.00
7) Phenol-d6	6.528	99	666525	22.600	ng	0.00
23) Nitrobenzene-d5	7.475	82	1789683	79.769	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	713654	83.993	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	3902042	77.280	ng	0.00
79) Terphenyl-d14	13.016	244	3756344	90.889	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.469	77	448152	28.446	ng	# 1
15) Benzyl Alcohol	6.969	79	416157	19.943	ng	# 6
18) Hexachloroethane	7.445	117	1338766	134.793	ng	# 1
19) n-Nitroso-di-n-propyla...	7.475	70	241845	12.861	ng	# 82
22) Acetophenone	7.298	105	1949858	55.485	ng	# 58
24) Nitrobenzene	7.481	77	173354	7.093	ng	# 1
25) Isophorone	7.475	82	1780931	36.031	ng	# 63
26) 2-Nitrophenol	7.804	139	2022	5.268	ng	# 1
31) Naphthalene	8.210	128	3239776	43.880	ng	# 95
32) Benzoic acid	7.945	122	11607	8.904	ng	# 1
33) 4-Chloroaniline	8.210	127	498927	17.980	ng	# 33
37) 2-Methylnaphthalene	8.898	142	196453	3.947	ng	99
38) 1-Methylnaphthalene	8.998	142	1352246	27.748	ng	99
48) 2-Nitroaniline	9.457	65	3339	5.042	ng	# 29
51) 2,6-Dinitrotoluene	9.634	165	6841	3.931	ng	89
53) 3-Nitroaniline	10.045	138	22035	4.661	ng	# 10
54) 2,4-Dinitrophenol	9.992	184	1496	6.561	ng	# 1
57) 2,4-Dinitrotoluene	9.939	165	117842	11.358	ng	# 28
65) 4,6-Dinitro-2-methylph...	10.481	198	1367	8.641	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	41976	2.485	ng	# 1
77) Benzidine	13.016	184	47542	7.474	ng	# 94
87) Indeno(1,2,3-cd)pyrene	16.998	276	15702	3.944	ng	# 80
91) Dibenzo(a,h)anthracene	17.027	278	17472	4.294	ng	94
92) Benzo(g,h,i)perylene	17.445	276	11623	3.399	ng	94

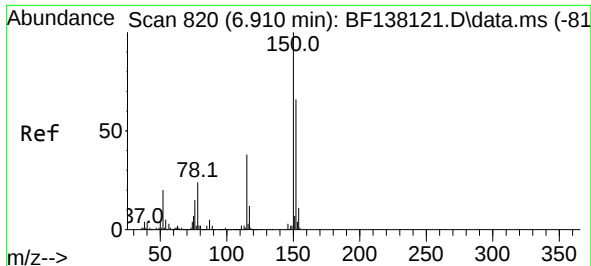
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
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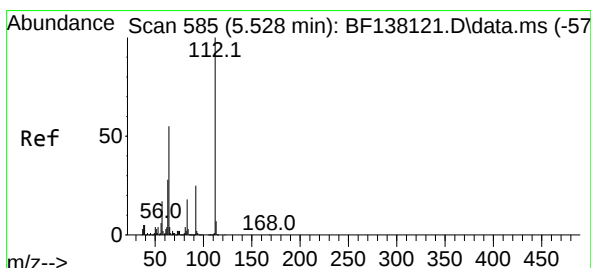
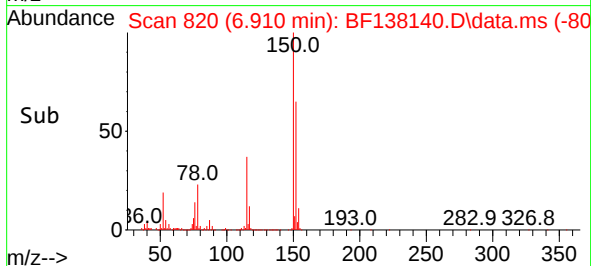
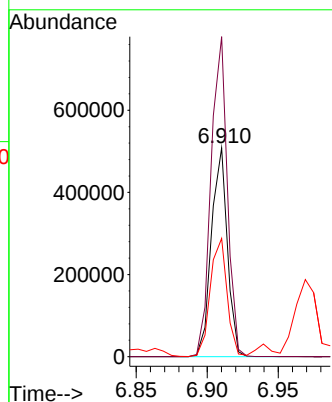
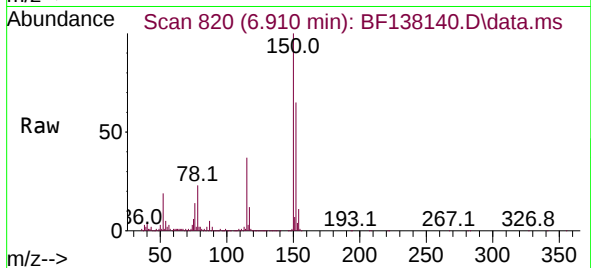




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF138140.D
 Acq: 06 Jun 2024 18:44

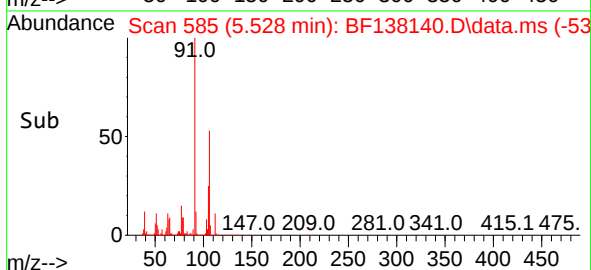
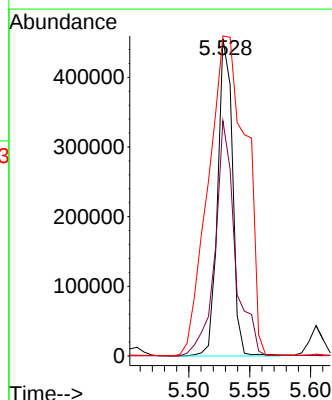
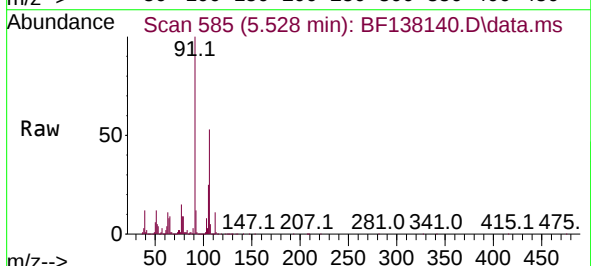
Instrument :
 BNA_F
 ClientSampleId :
 MW-5B

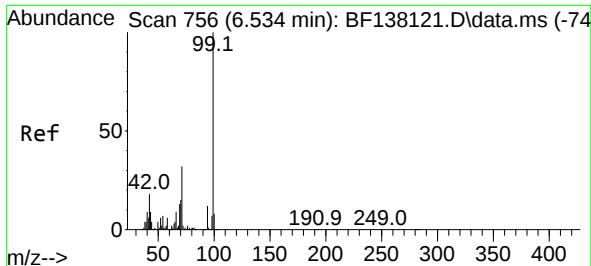
Tgt Ion:152 Resp: 397252
 Ion Ratio Lower Upper
 152 100
 150 153.3 121.8 182.6
 115 56.7 46.2 69.2



#5
 2-Fluorophenol
 Concen: 16.484 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.000 min
 Lab File: BF138140.D
 Acq: 06 Jun 2024 18:44

Tgt Ion:112 Resp: 384240
 Ion Ratio Lower Upper
 112 100
 64 74.2 44.0 66.0#
 63 100.9 22.1 33.1#

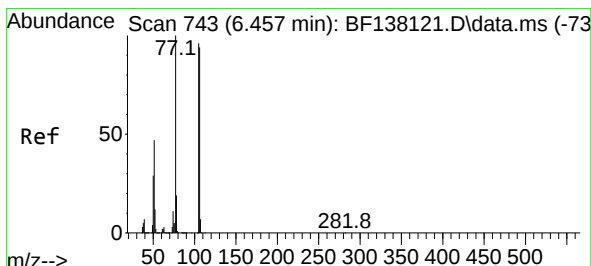
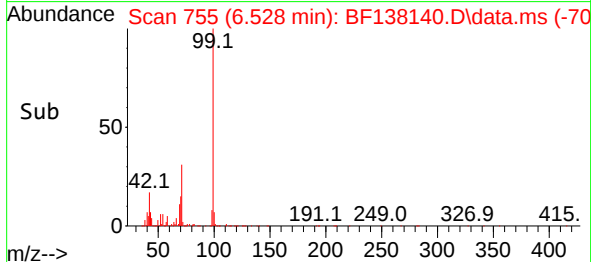
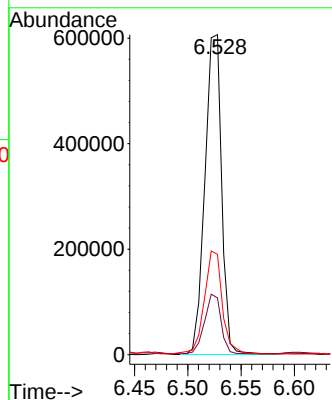
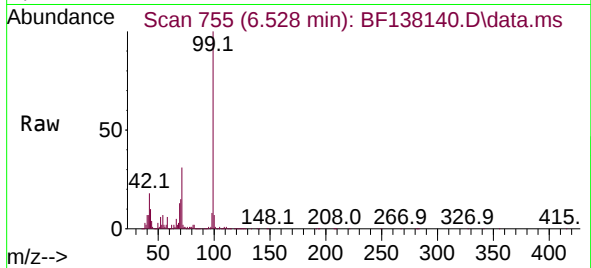




#7
Phenol-d6
Concen: 22.600 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

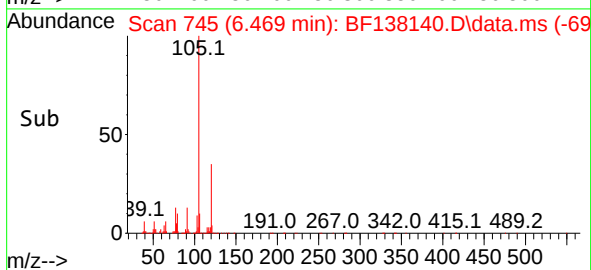
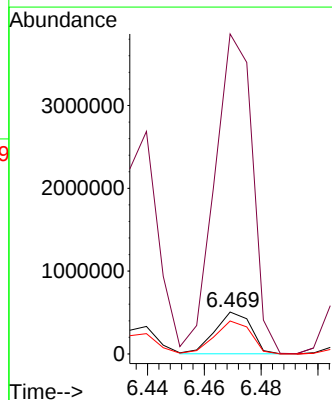
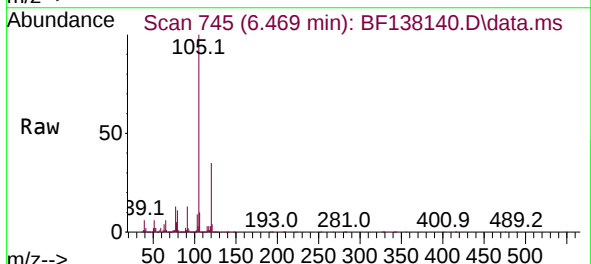
Instrument :
BNA_F
ClientSampleId :
MW-5B

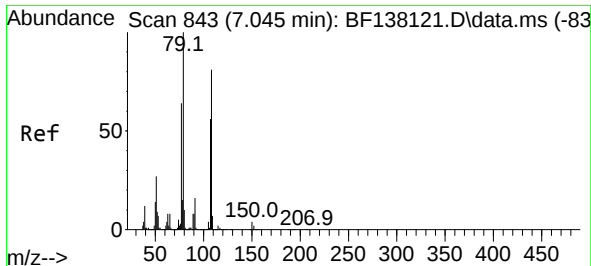
Tgt Ion: 99 Resp: 666525
Ion Ratio Lower Upper
99 100
42 17.8 14.4 21.6
71 31.4 25.5 38.3



#9
Benzaldehyde
Concen: 28.446 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.012 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

Tgt Ion: 77 Resp: 448152
Ion Ratio Lower Upper
77 100
105 762.3 75.8 115.8#
106 78.5 73.9 113.9





#15

Benzyl Alcohol

Concen: 19.943 ng

RT: 6.969 min Scan# 81

Delta R.T. -0.076 min

Lab File: BF138140.D

Acq: 06 Jun 2024 18:44

Instrument :

BNA_F

ClientSampleId :

MW-5B

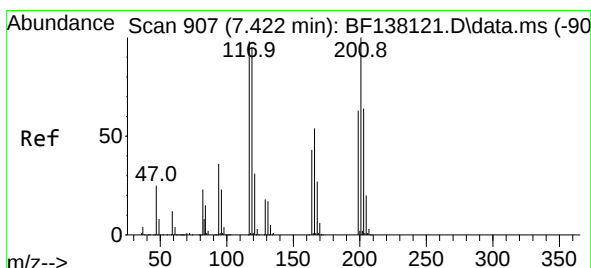
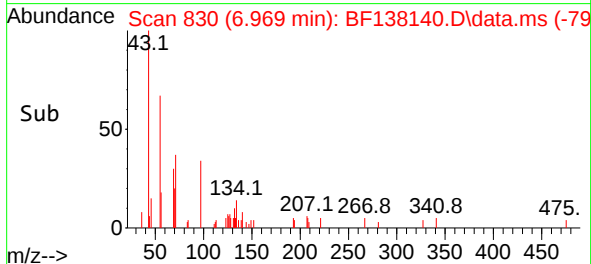
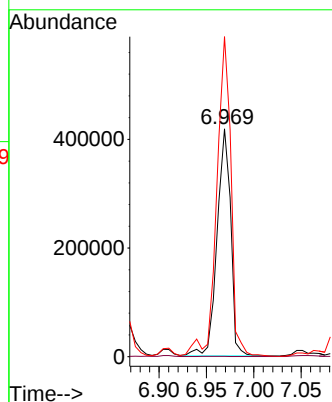
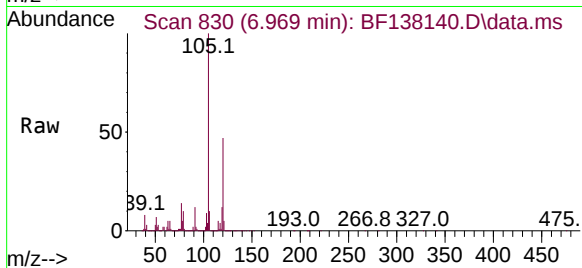
Tgt Ion: 79 Resp: 416157

Ion Ratio Lower Upper

79 100

108 0.2 64.5 96.7#

77 140.5 51.1 76.7#



#18

Hexachloroethane

Concen: 134.793 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.024 min

Lab File: BF138140.D

Acq: 06 Jun 2024 18:44

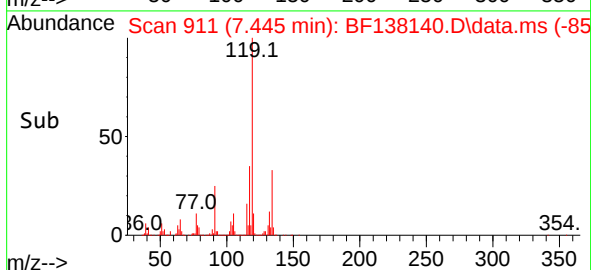
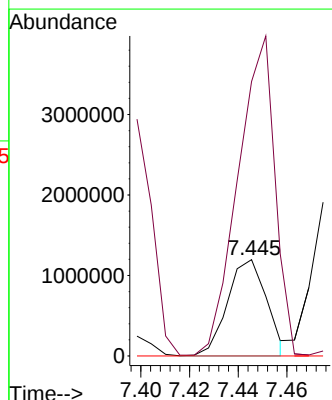
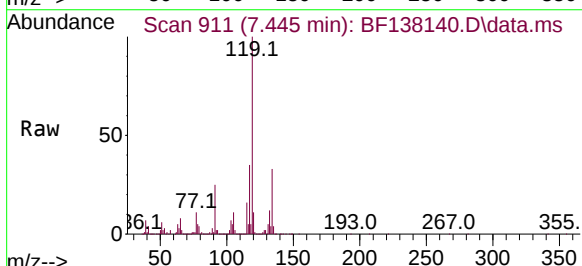
Tgt Ion: 117 Resp: 1338766

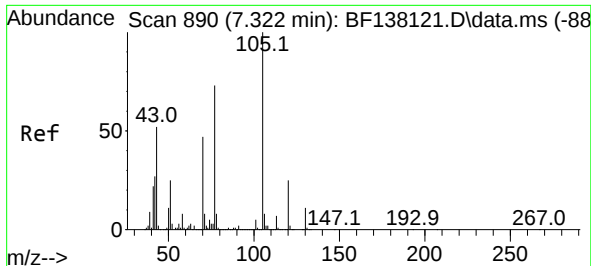
Ion Ratio Lower Upper

117 100

119 284.9 77.7 116.5#

201 0.0 81.7 122.5#

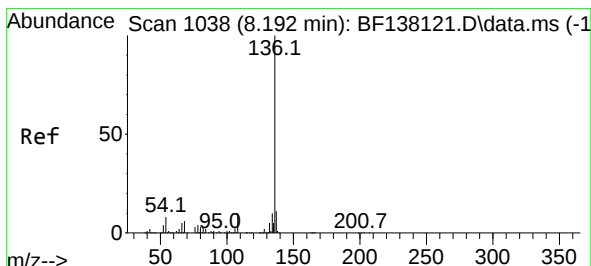
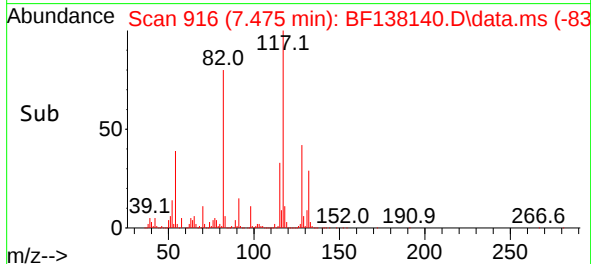
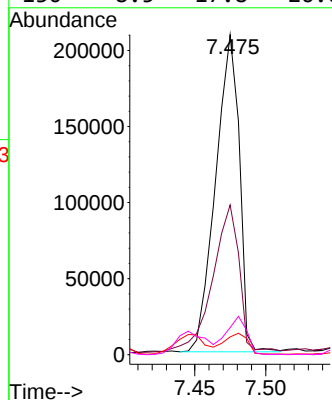
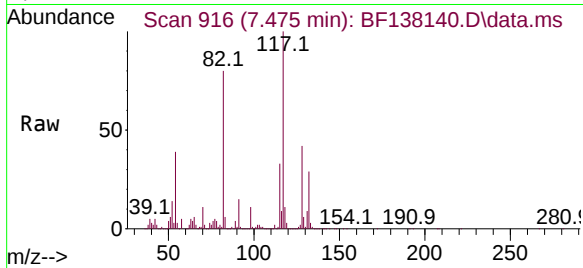




#19
n-Nitroso-di-n-propylamine
Concen: 12.861 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.153 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

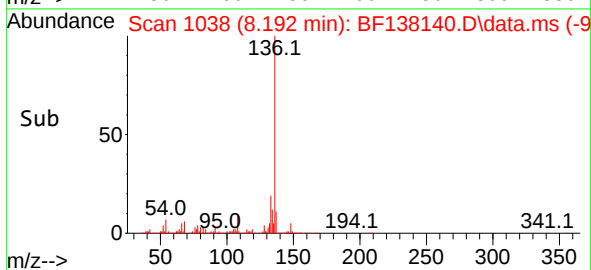
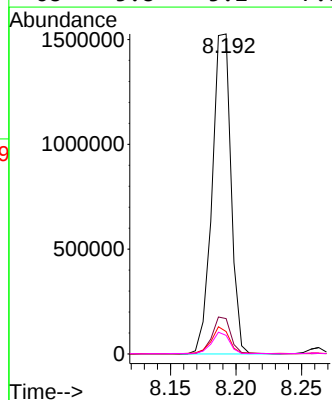
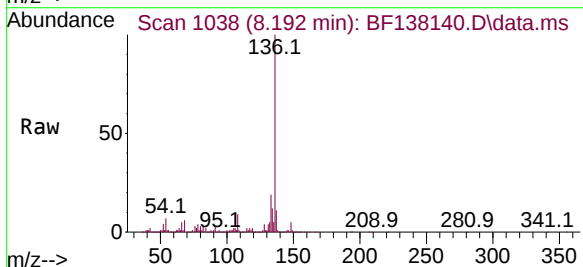
Instrument :
BNA_F
ClientSampleId :
MW-5B

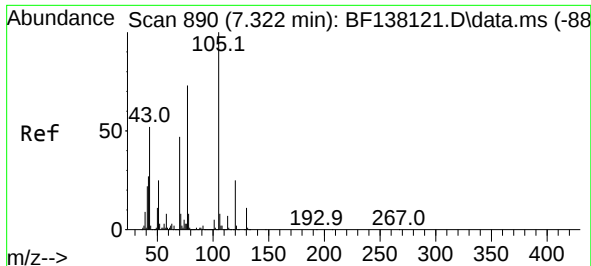
Tgt Ion: 70 Resp: 241845
Ion Ratio Lower Upper
70 100
42 46.8 46.3 69.5
101 5.5 7.7 11.5#
130 8.5 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

Tgt Ion: 136 Resp: 1526473
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.0 6.2 9.2
68 5.8 5.2 7.8

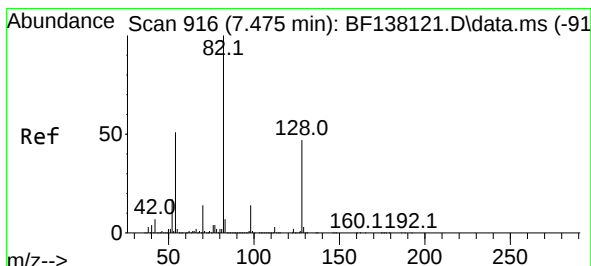
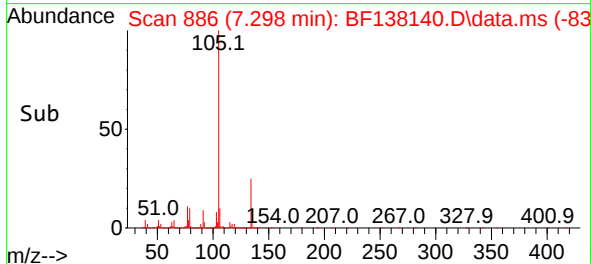
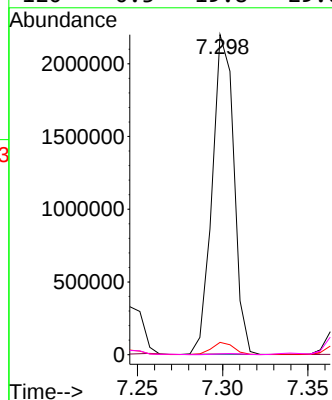
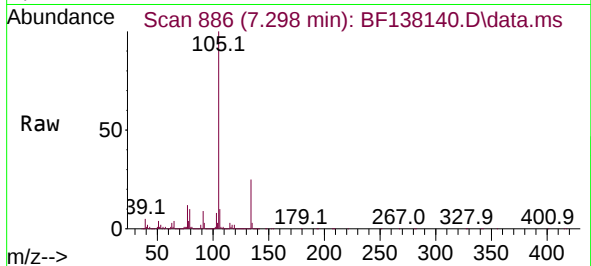




#22
Acetophenone
Concen: 55.485 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.023 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

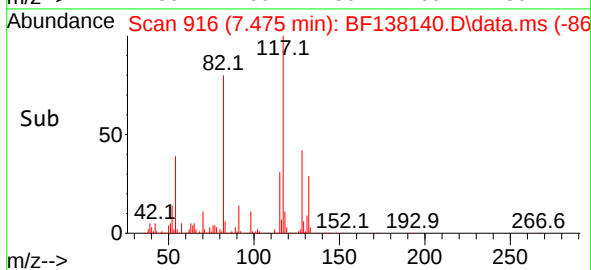
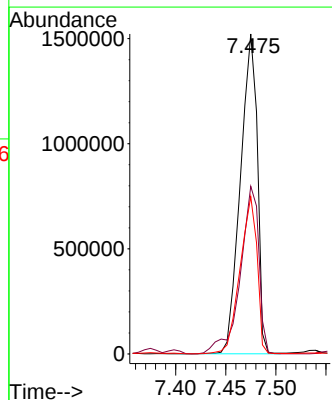
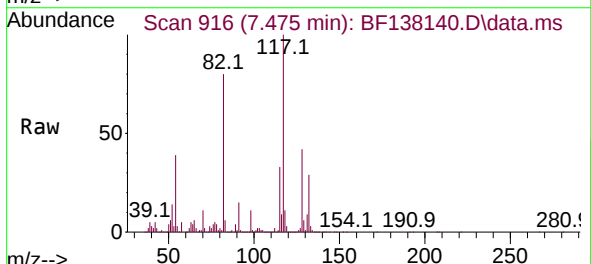
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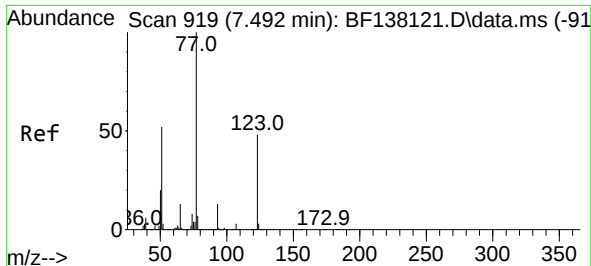
Tgt Ion:105 Resp: 1949858
Ion Ratio Lower Upper
105 100
71 0.2 6.3 9.5#
51 3.9 19.8 29.6#
120 0.3 19.8 29.6#



#23
Nitrobenzene-d5
Concen: 79.769 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

Tgt Ion: 82 Resp: 1789683
Ion Ratio Lower Upper
82 100
128 52.4 37.7 56.5
54 49.2 40.8 61.2

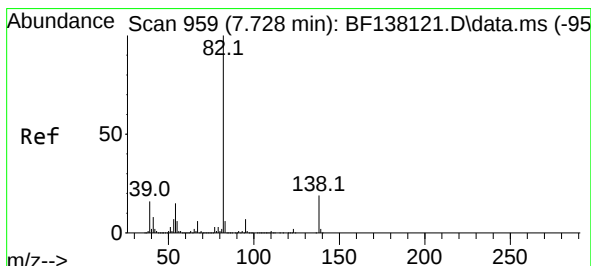
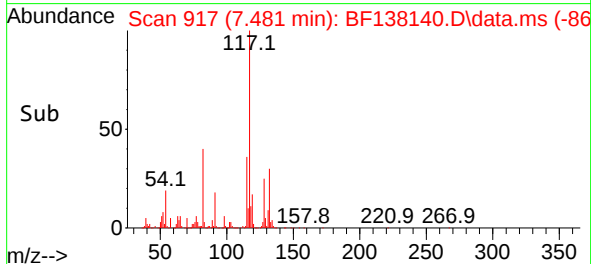
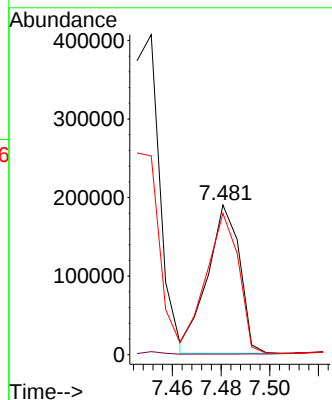
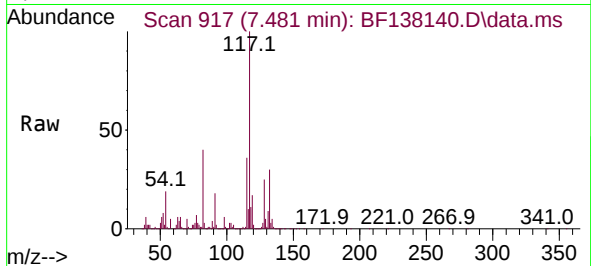




#24
Nitrobenzene
Concen: 7.093 ng
RT: 7.481 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

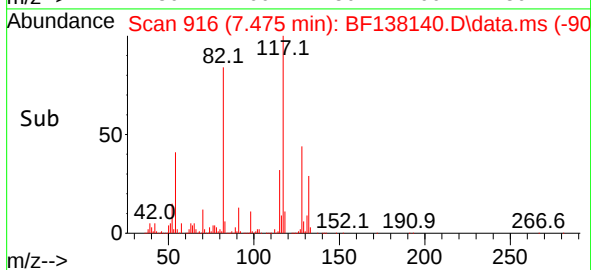
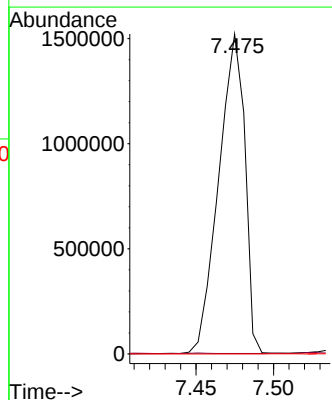
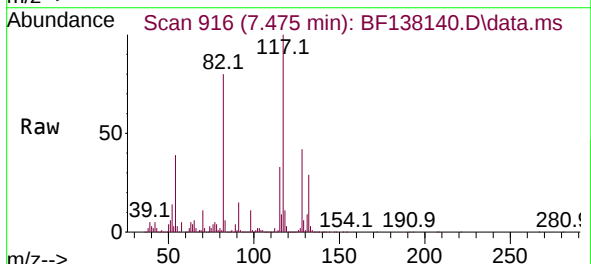
Instrument :
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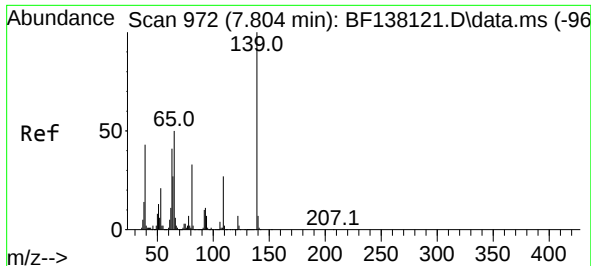
Tgt Ion: 77 Resp: 173354
Ion Ratio Lower Upper
77 100
123 0.4 38.2 57.2#
65 94.4 10.7 16.1#



#25
Isophorone
Concen: 36.031 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.253 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

Tgt Ion: 82 Resp: 1780931
Ion Ratio Lower Upper
82 100
95 0.2 5.6 8.4#
138 0.0 15.5 23.3#

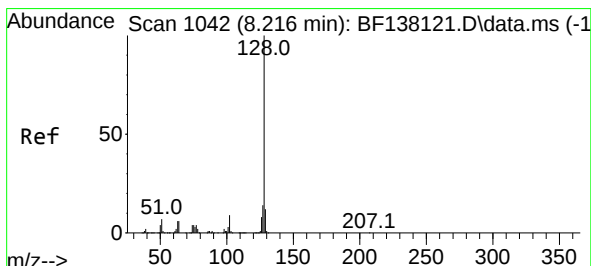
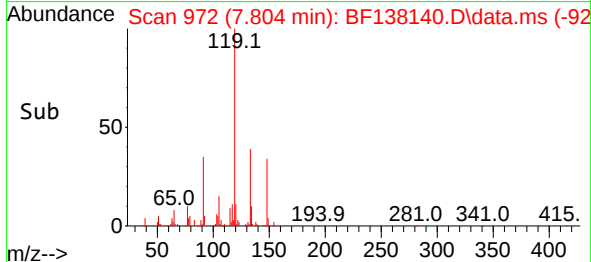
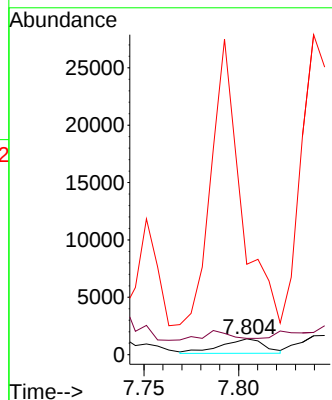
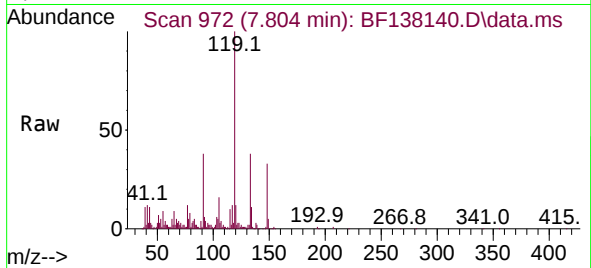




#26
2-Nitrophenol
Concen: 5.268 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

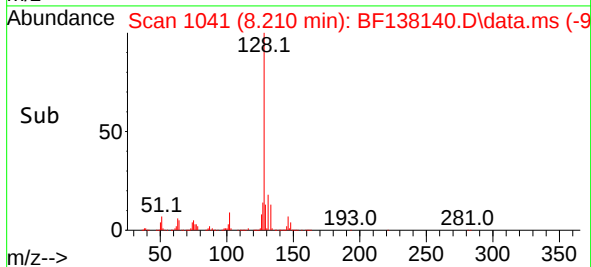
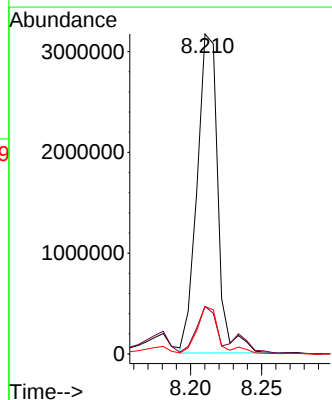
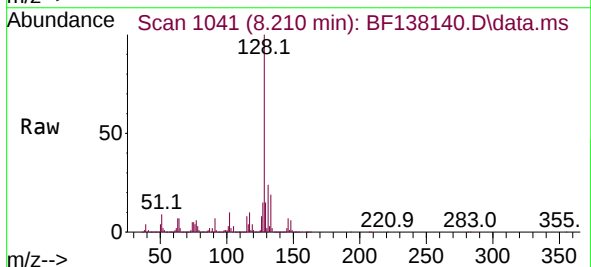
Instrument :
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ClientSampleId :
MW-5B

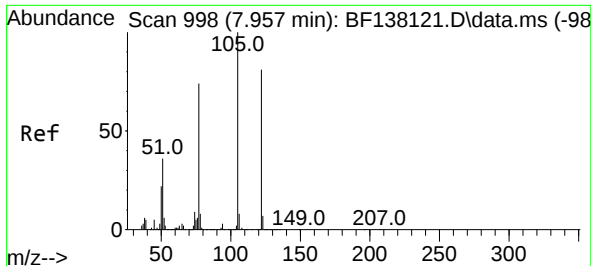
Tgt Ion:139 Resp: 2022
Ion Ratio Lower Upper
139 100
109 102.5 21.8 32.6#
65 567.8 40.1 60.1#



#31
Naphthalene
Concen: 43.880 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

Tgt Ion:128 Resp: 3239776
Ion Ratio Lower Upper
128 100
129 14.9 9.4 14.0#
127 14.8 11.2 16.8

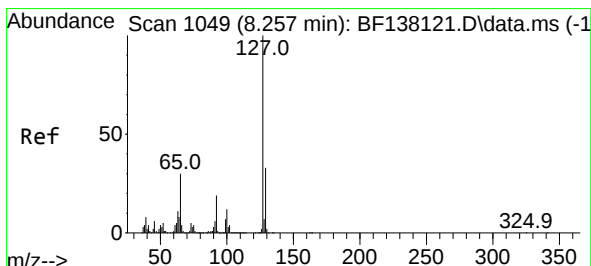
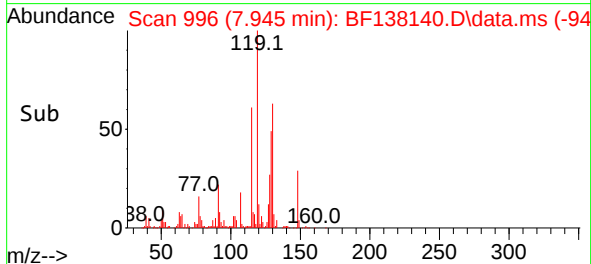
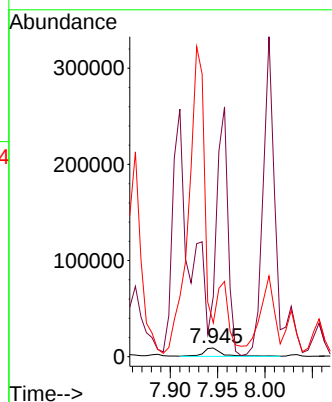
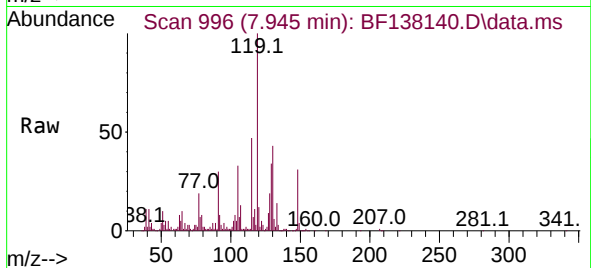




#32
Benzoic acid
Concen: 8.904 ng
RT: 7.945 min Scan# 998
Delta R.T. -0.012 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

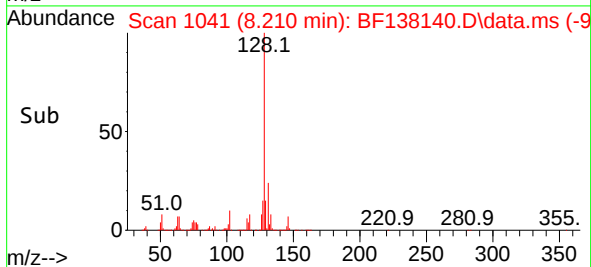
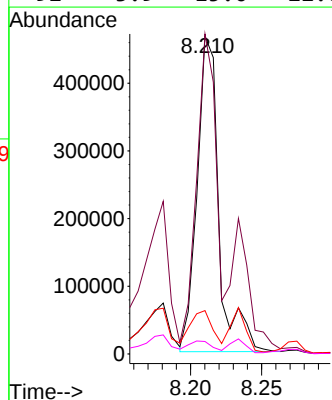
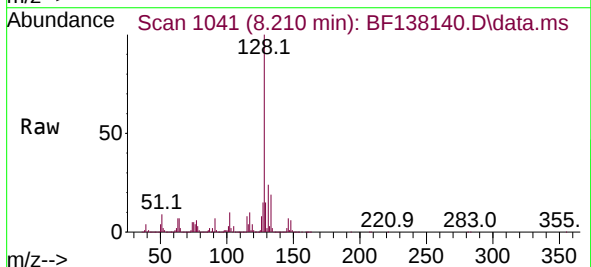
Instrument :
BNA_F
ClientSampleId :
MW-5B

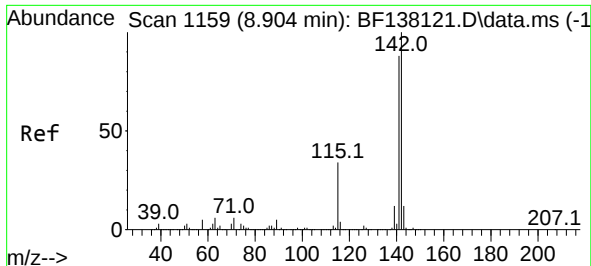
Tgt Ion:122 Resp: 11607
Ion Ratio Lower Upper
122 100
105 707.3 102.8 142.8#
77 393.5 71.2 111.2#



#33
4-Chloroaniline
Concen: 17.980 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.047 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

Tgt Ion:127 Resp: 498927
Ion Ratio Lower Upper
127 100
129 100.6 26.5 39.7#
65 13.7 24.0 36.0#
92 3.9 15.0 22.6#

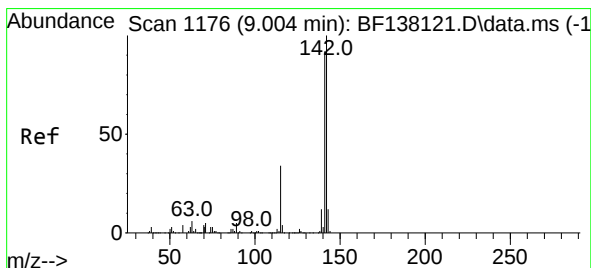
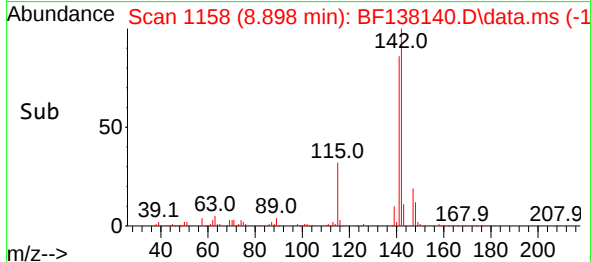
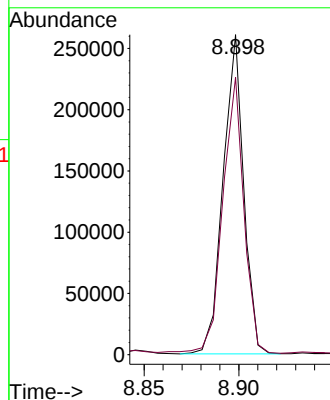
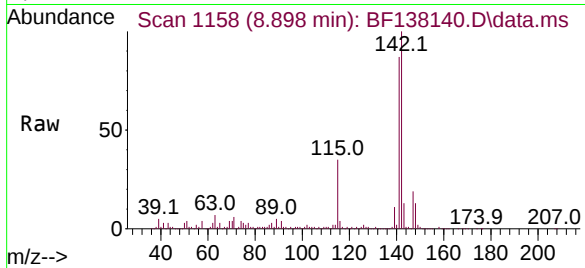




#37
2-Methylnaphthalene
Concen: 3.947 ng
RT: 8.898 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

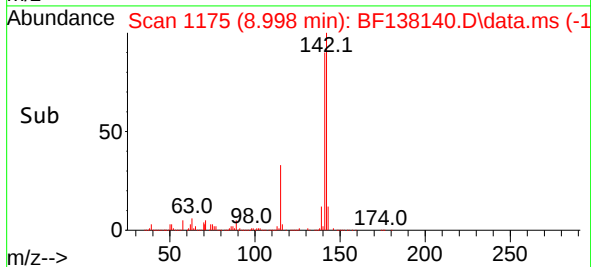
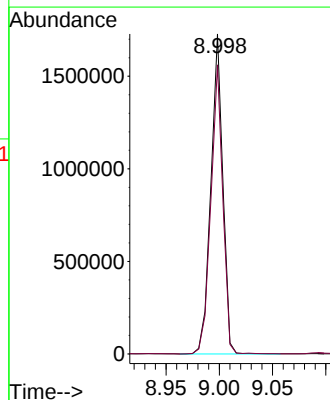
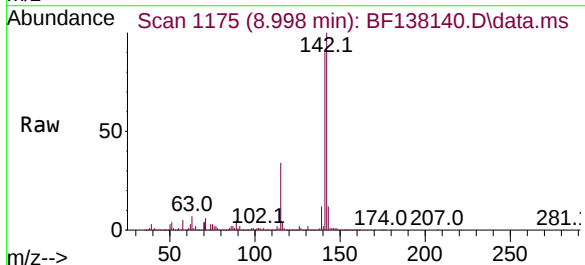
Instrument :
BNA_F
ClientSampleId :
MW-5B

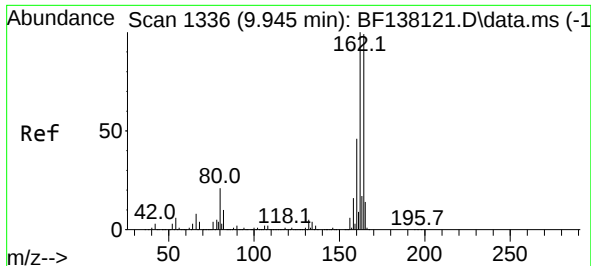
Tgt Ion:142 Resp: 196453
Ion Ratio Lower Upper
142 100
141 86.7 70.5 105.7



#38
1-Methylnaphthalene
Concen: 27.748 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

Tgt Ion:142 Resp: 1352246
Ion Ratio Lower Upper
142 100
141 90.4 73.3 109.9

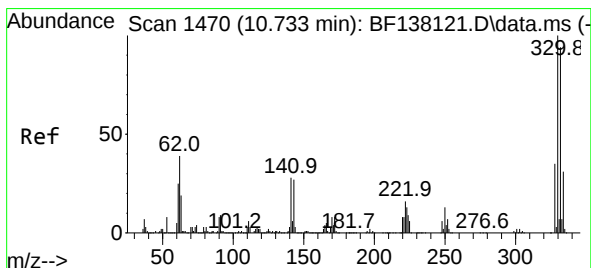
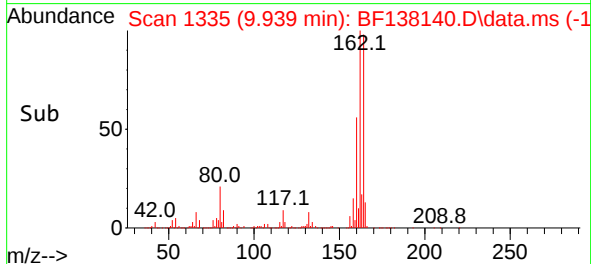
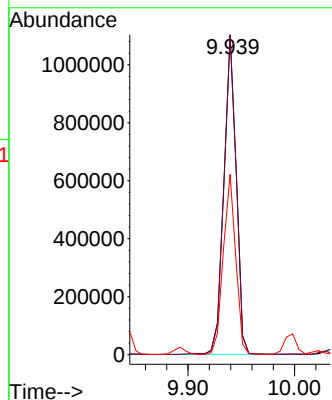
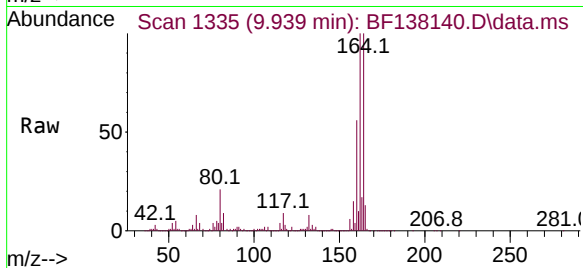




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

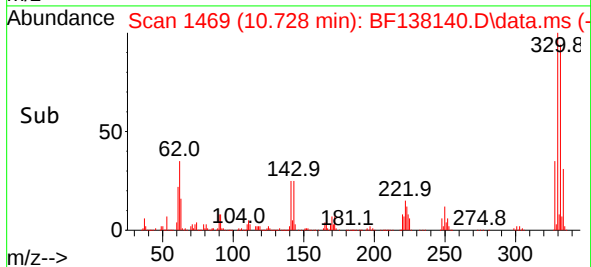
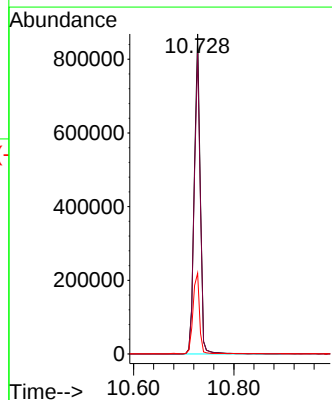
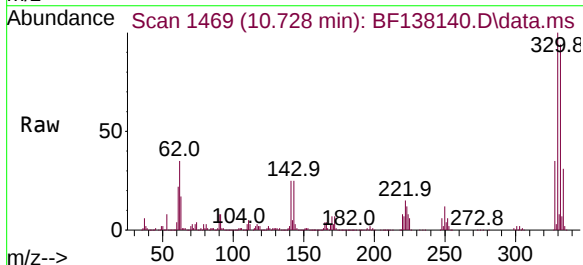
Instrument :
BNA_F
ClientSampleId :
MW-5B

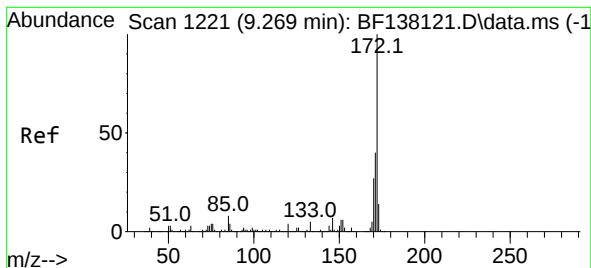
Tgt Ion:164 Resp: 882880
Ion Ratio Lower Upper
164 100
162 100.1 80.9 121.3
160 56.4 37.0 55.6#



#42
2,4,6-Tribromophenol
Concen: 83.993 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.005 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

Tgt Ion:330 Resp: 713654
Ion Ratio Lower Upper
330 100
332 94.9 75.8 113.8
141 27.5 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 77.280 ng

RT: 9.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138140.D

Acq: 06 Jun 2024 18:44

Instrument :

BNA_F

ClientSampleId :

MW-5B

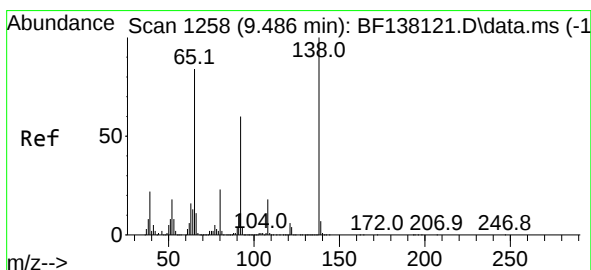
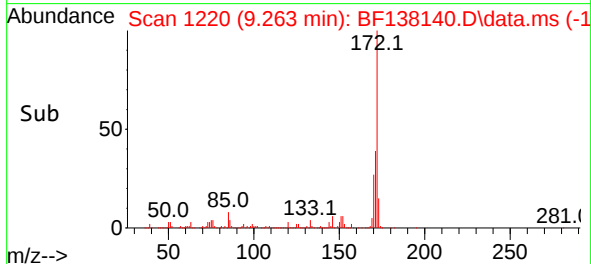
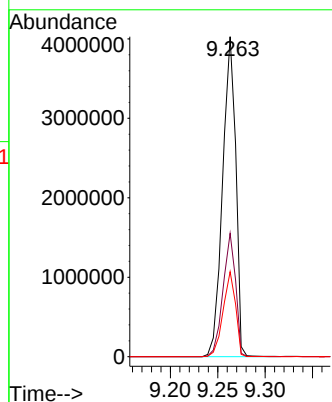
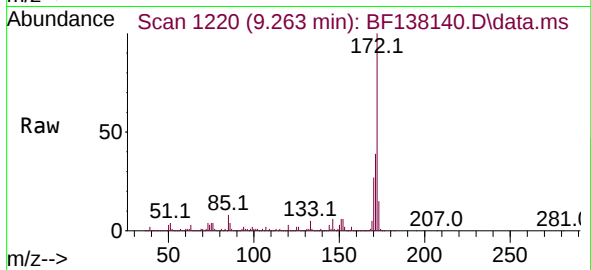
Tgt Ion:172 Resp: 3902042

Ion Ratio Lower Upper

172 100

171 38.5 31.6 47.4

170 26.5 21.4 32.2



#48

2-Nitroaniline

Concen: 5.042 ng

RT: 9.457 min Scan# 1253

Delta R.T. -0.029 min

Lab File: BF138140.D

Acq: 06 Jun 2024 18:44

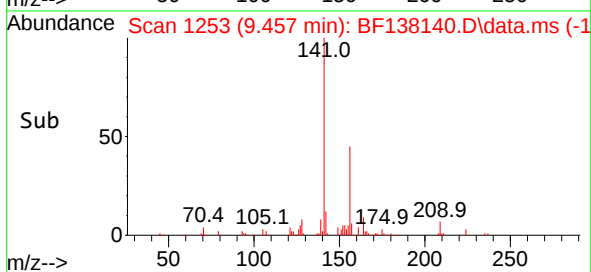
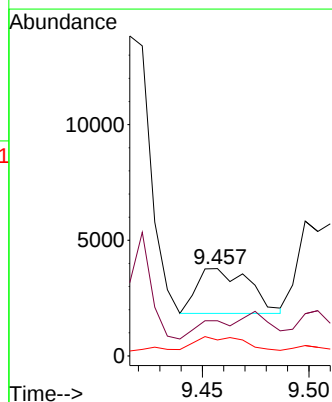
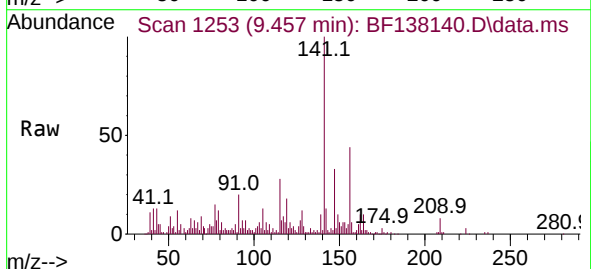
Tgt Ion: 65 Resp: 3339

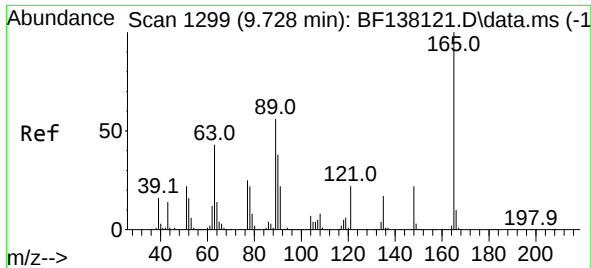
Ion Ratio Lower Upper

65 100

92 40.2 57.3 85.9#

138 18.3 95.4 143.2#

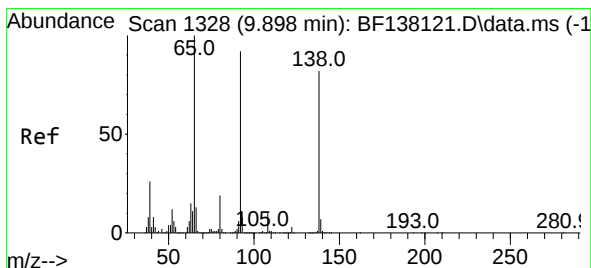
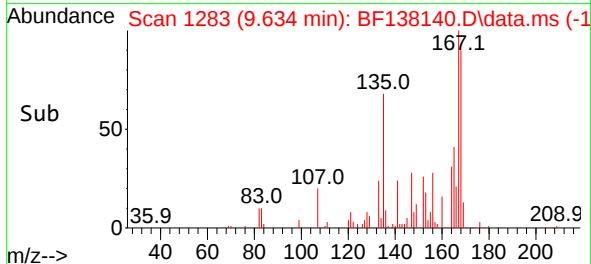
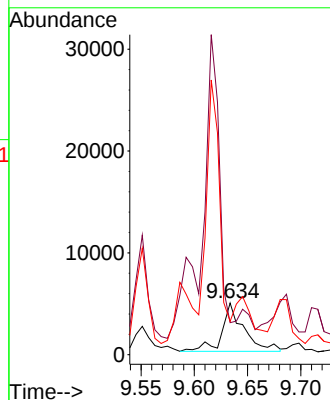
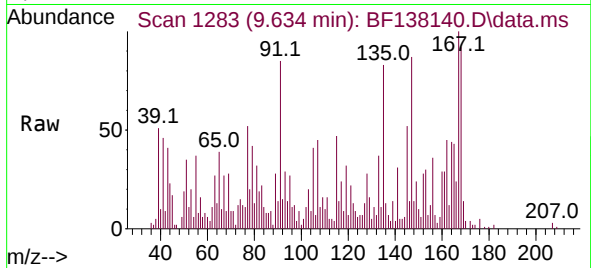




#51
2,6-Dinitrotoluene
Concen: 3.931 ng
RT: 9.634 min Scan# 11
Delta R.T. -0.094 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

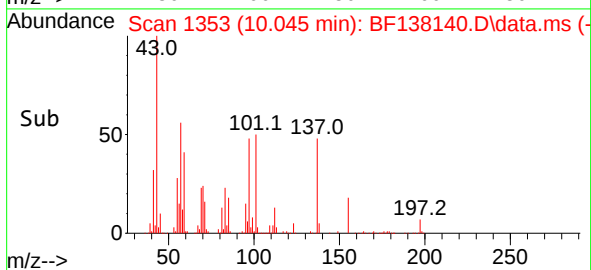
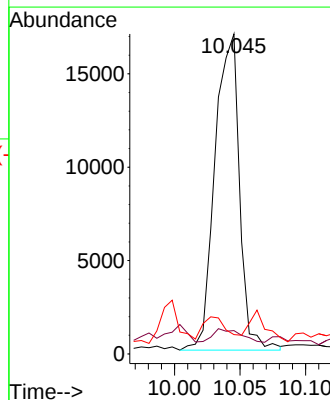
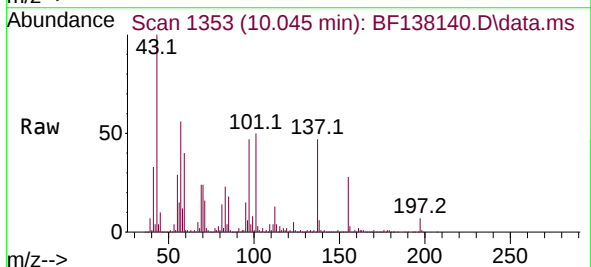
Instrument :
BNA_F
ClientSampleId :
MW-5B

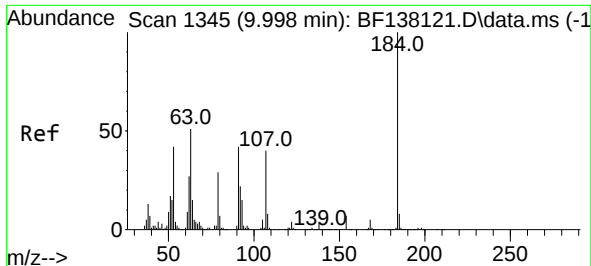
Tgt Ion:165 Resp: 6841
Ion Ratio Lower Upper
165 100
63 61.8 42.9 64.3
89 64.4 45.0 67.4



#53
3-Nitroaniline
Concen: 4.661 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.147 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

Tgt Ion:138 Resp: 22035
Ion Ratio Lower Upper
138 100
108 7.3 10.3 15.5#
92 6.1 89.5 134.3#

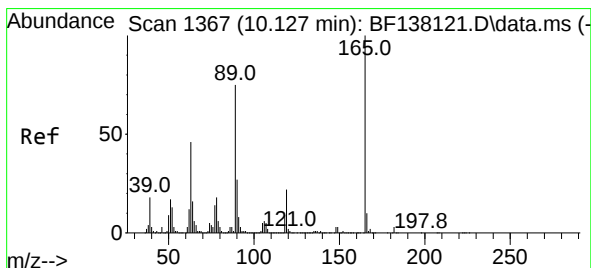
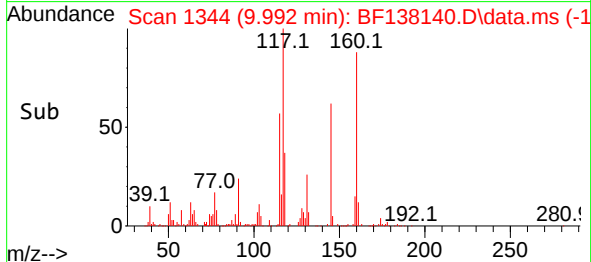
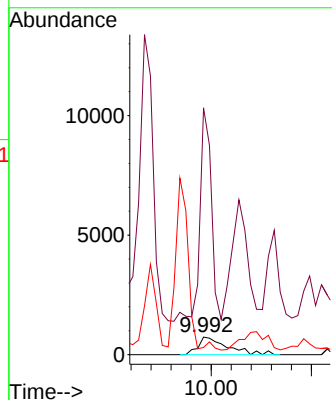
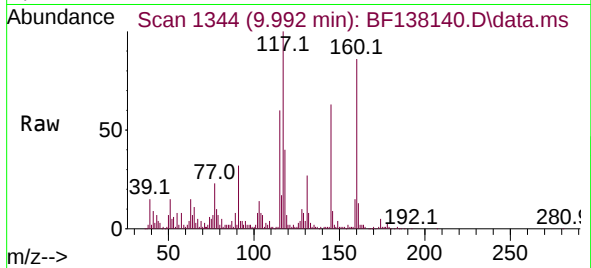




#54
2,4-Dinitrophenol
Concen: 6.561 ng
RT: 9.992 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

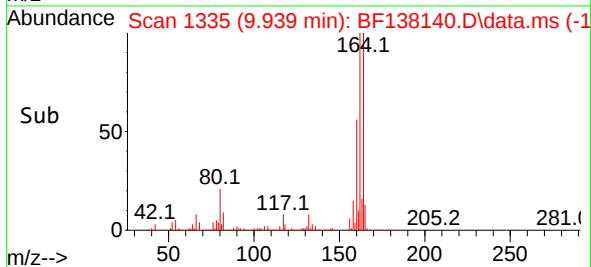
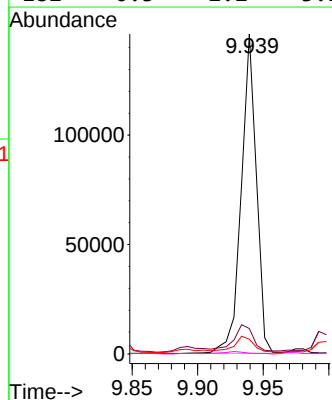
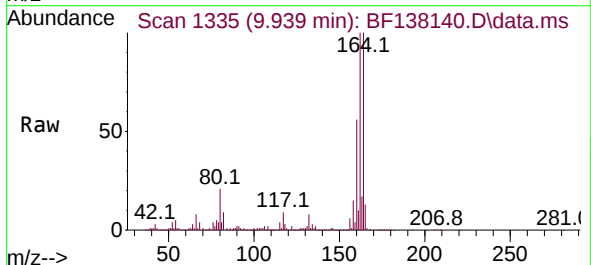
Instrument :
BNA_F
ClientSampleId :
MW-5B

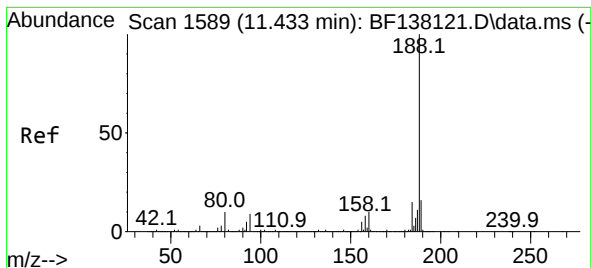
Tgt Ion:184 Resp: 1496
Ion Ratio Lower Upper
184 100
63 1405.0 45.4 68.0#
154 41.4 46.0 69.0#



#57
2,4-Dinitrotoluene
Concen: 11.358 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

Tgt Ion:165 Resp: 117842
Ion Ratio Lower Upper
165 100
63 8.0 36.8 55.2#
89 4.6 60.2 90.2#
182 0.3 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138140.D

Acq: 06 Jun 2024 18:44

Instrument :

BNA_F

ClientSampleId :

MW-5B

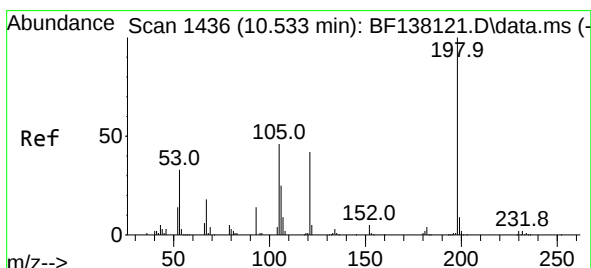
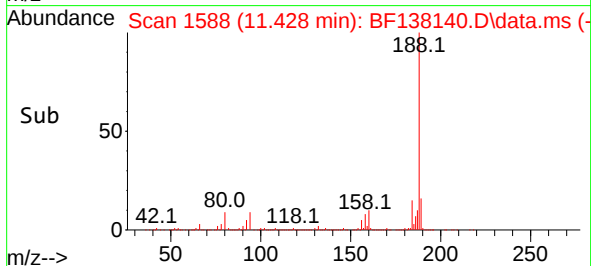
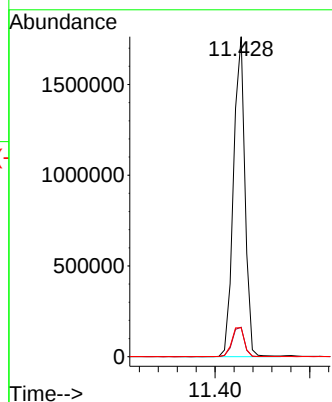
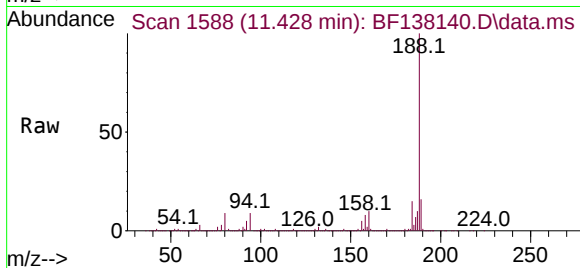
Tgt Ion:188 Resp: 1483681

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 9.0 7.7 11.5



#65

4,6-Dinitro-2-methylphenol

Concen: 8.641 ng

RT: 10.481 min Scan# 1427

Delta R.T. -0.052 min

Lab File: BF138140.D

Acq: 06 Jun 2024 18:44

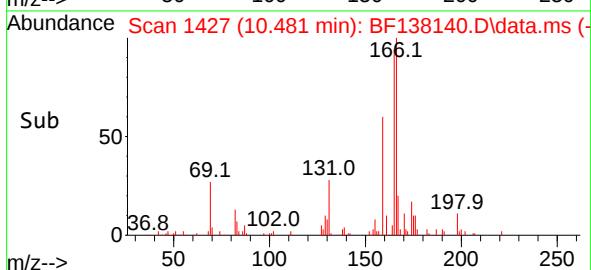
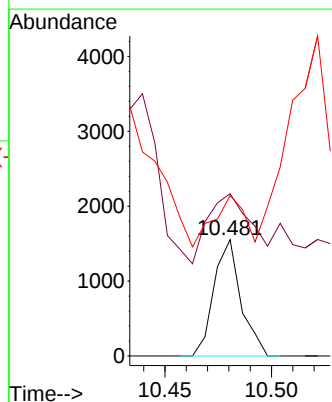
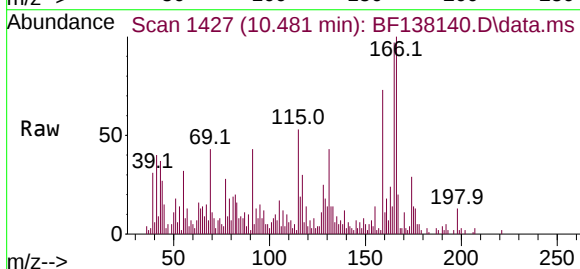
Tgt Ion:198 Resp: 1367

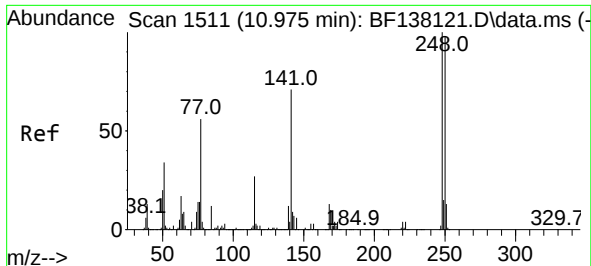
Ion Ratio Lower Upper

198 100

51 139.6 28.2 68.2#

105 138.1 26.8 66.8#

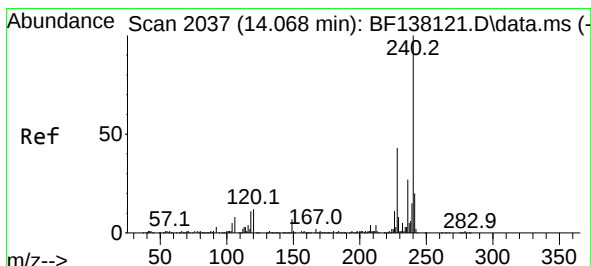
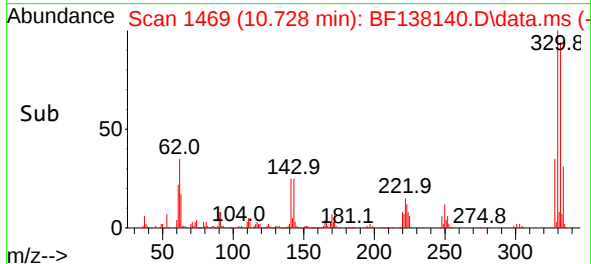
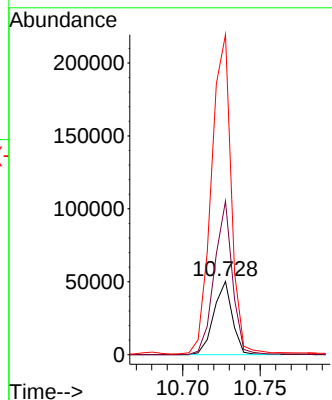
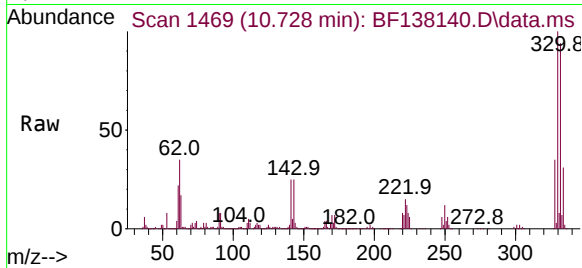




#67
4-Bromophenyl-phenylether
Concen: 2.485 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

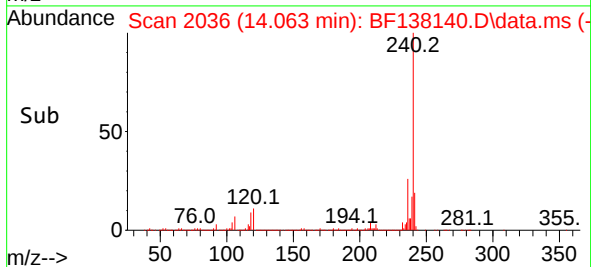
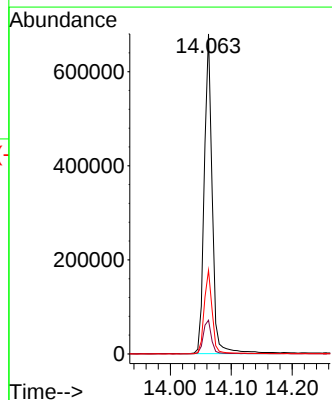
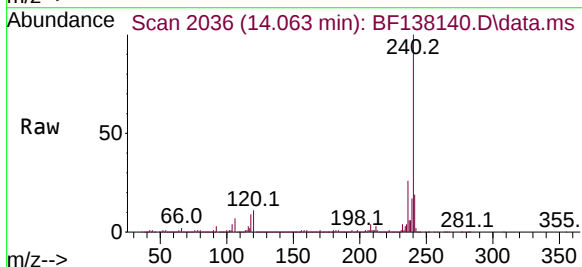
Instrument :
BNA_F
ClientSampleId :
MW-5B

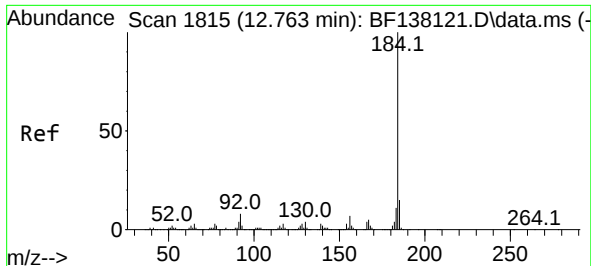
Tgt Ion:248 Resp: 41976
Ion Ratio Lower Upper
248 100
250 209.6 78.7 118.1#
141 436.4 56.5 84.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

Tgt Ion:240 Resp: 618168
Ion Ratio Lower Upper
240 100
120 10.5 9.8 14.8
236 26.2 21.2 31.8

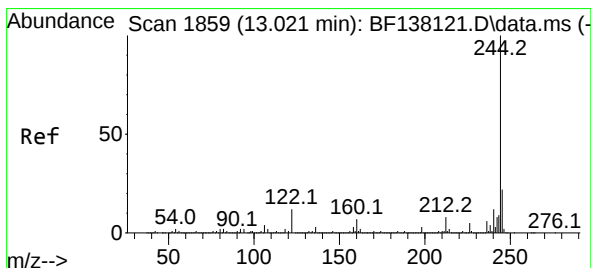
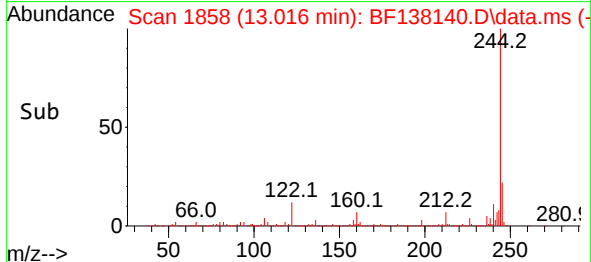
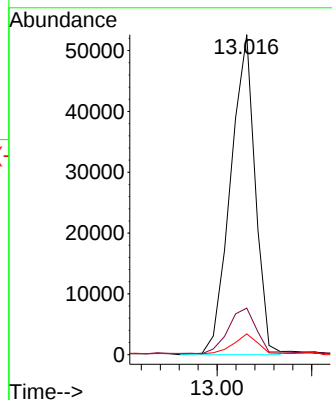
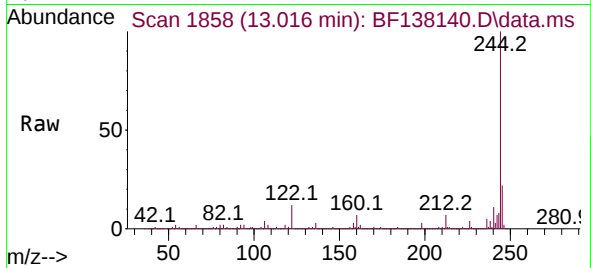




#77
Benzidine
Concen: 7.474 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.253 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

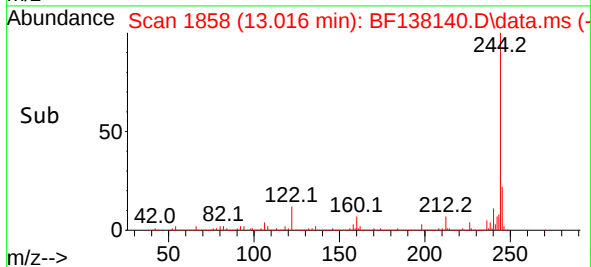
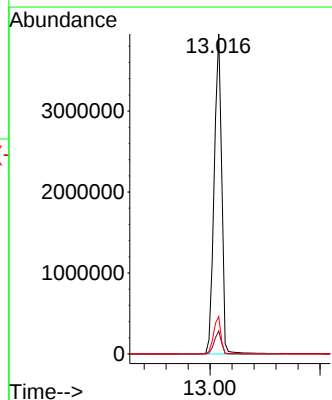
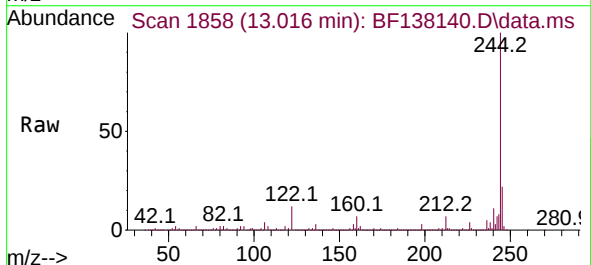
Instrument :
BNA_F
ClientSampleId :
MW-5B

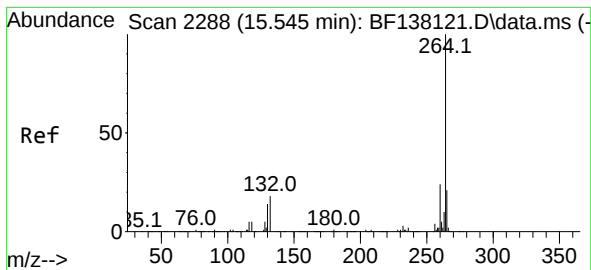
Tgt Ion:184 Resp: 47542
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.2
183 6.5 9.0 13.4#



#79
Terphenyl-d14
Concen: 90.889 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

Tgt Ion:244 Resp: 3756344
Ion Ratio Lower Upper
244 100
212 7.2 6.4 9.6
122 11.7 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138140.D

Acq: 06 Jun 2024 18:44

Instrument :

BNA_F

ClientSampleId :

MW-5B

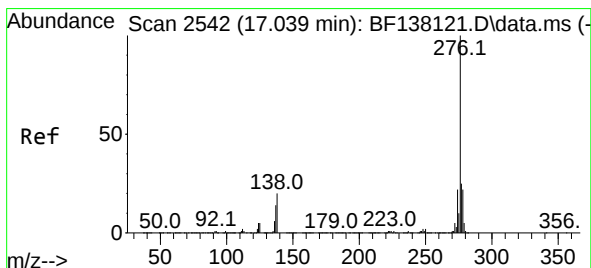
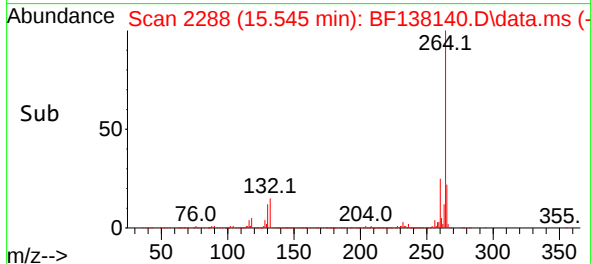
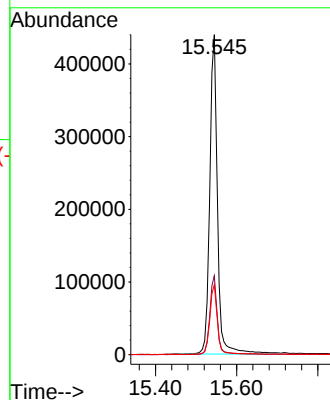
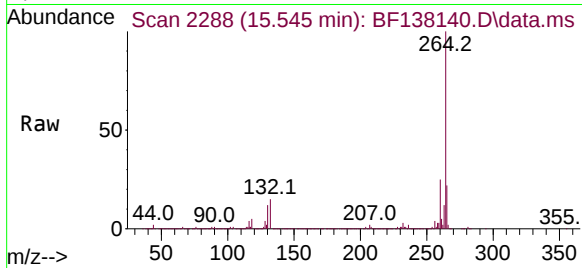
Tgt Ion:264 Resp: 580422

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 21.9 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.944 ng

RT: 16.998 min Scan# 2535

Delta R.T. -0.041 min

Lab File: BF138140.D

Acq: 06 Jun 2024 18:44

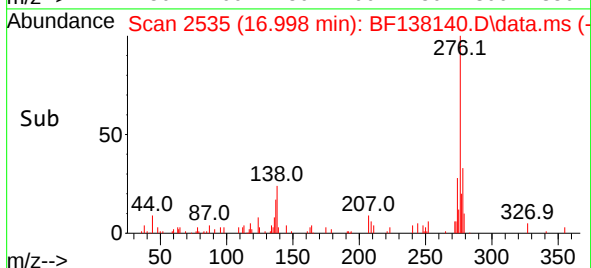
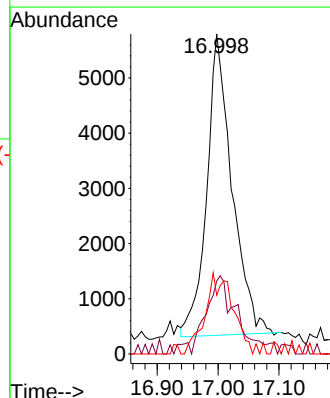
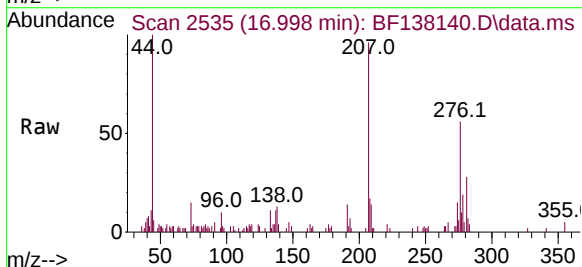
Tgt Ion:276 Resp: 15702

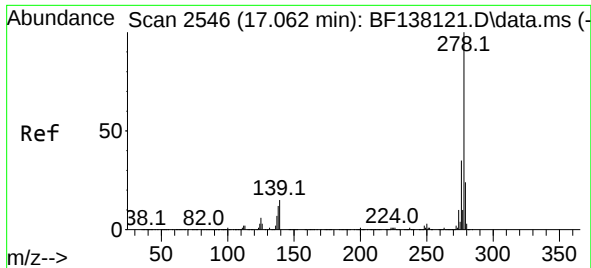
Ion Ratio Lower Upper

276 100

138 31.6 18.9 28.3#

277 13.6 20.3 30.5#

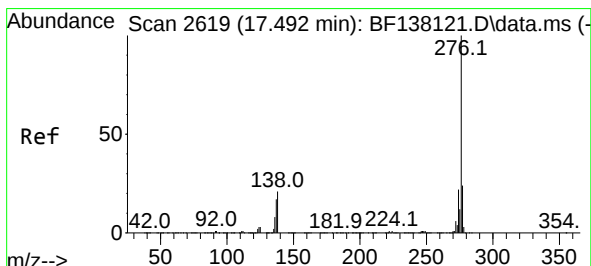
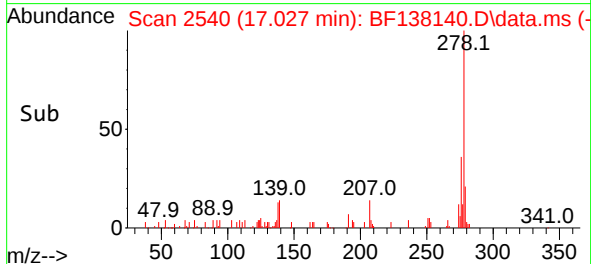
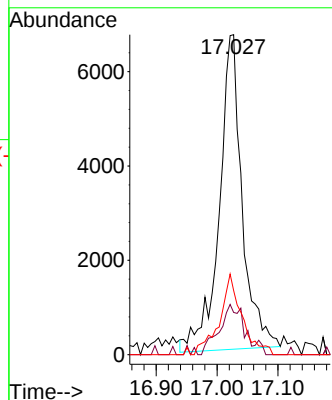
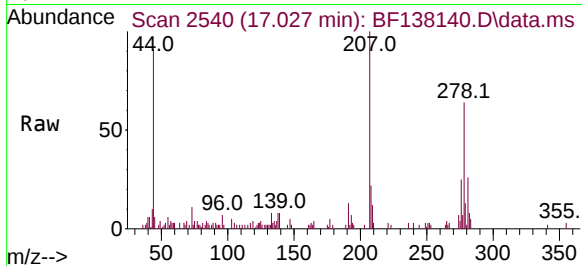




#91
Dibenzo(a,h)anthracene
Concen: 4.294 ng
RT: 17.027 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

Instrument :
BNA_F
ClientSampleId :
MW-5B

Tgt Ion:278 Resp: 17472
Ion Ratio Lower Upper
278 100
139 13.2 11.7 17.5
279 20.0 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 3.399 ng
RT: 17.445 min Scan# 2611
Delta R.T. -0.047 min
Lab File: BF138140.D
Acq: 06 Jun 2024 18:44

Tgt Ion:276 Resp: 11623
Ion Ratio Lower Upper
276 100
277 19.1 19.0 28.4
138 21.7 16.5 24.7

