

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
 Data File : BF138144.D
 Acq On : 06 Jun 2024 20:45
 Operator : CG\JU
 Sample : P2718-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Jun 07 03:18:07 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

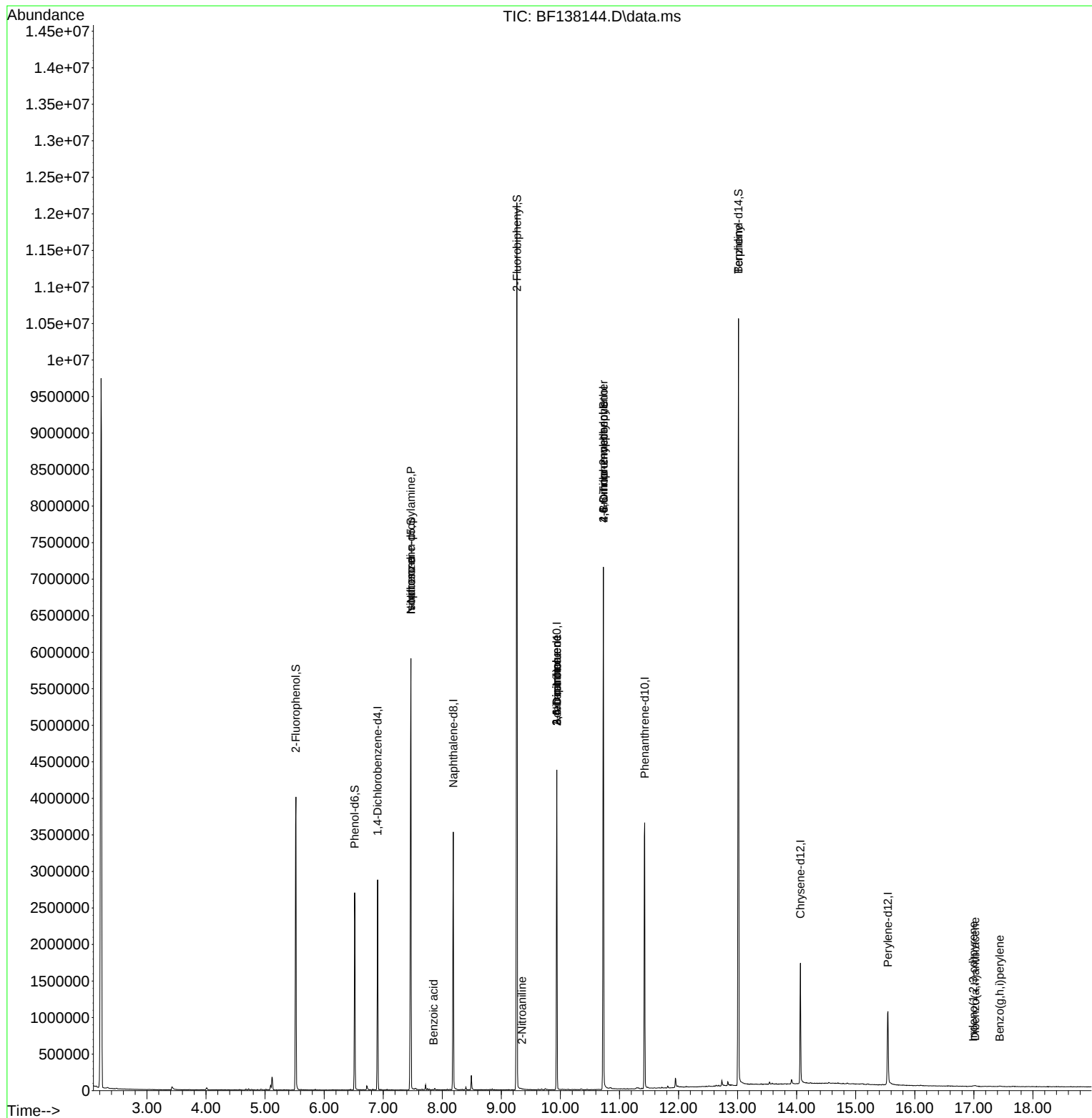
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	377207	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	1445747	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	815241	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	1365337	20.000	ng	0.00
76) Chrysene-d12	14.063	240	570513	20.000	ng	0.00
86) Perylene-d12	15.545	264	532946	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1108815	50.097	ng	0.00
7) Phenol-d6	6.516	99	867898	30.992	ng	-0.02
23) Nitrobenzene-d5	7.469	82	1854704	87.283	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	903663	115.180	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	3733373	80.074	ng	0.00
79) Terphenyl-d14	13.016	244	3745042	98.185	ng	0.00
Target Compounds						
9) Benzaldehyde	6.446	77	128	Below Cal	Qvalue	# 50
19) n-Nitroso-di-n-propyla...	7.469	70	252991	14.168	ng	# 77
25) Isophorone	7.469	82	1854690	39.619	ng	# 63
32) Benzoic acid	7.851	122	149	7.947	ng	# 73
48) 2-Nitroaniline	9.351	65	358	4.825	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	105948	12.257	ng	# 25
53) 3-Nitroaniline	9.939	138	57	2.949	ng	# 1
57) 2,4-Dinitrotoluene	9.939	165	105948	11.159	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.728	198	2049	8.803	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	56620	3.642	ng	# 1
77) Benzidine	13.016	184	46430	7.908	ng	# 94
87) Indeno(1,2,3-cd)pyrene	16.992	276	12453	3.881	ng	# 87
91) Dibenzo(a,h)anthracene	17.021	278	9838	4.047	ng	# 91
92) Benzo(g,h,i)perylene	17.439	276	7586	3.279	ng	# 91

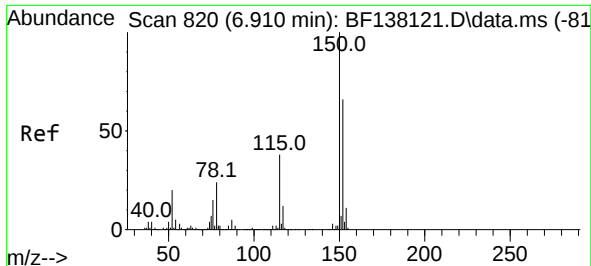
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
Data File : BF138144.D
Acq On : 06 Jun 2024 20:45
Operator : CG\JU
Sample : P2718-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Time: Jun 07 03:18:07 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

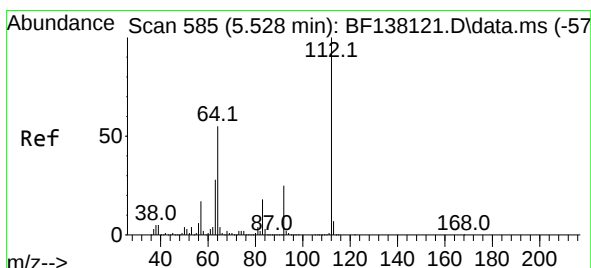
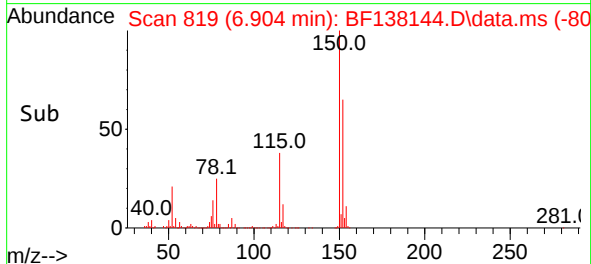
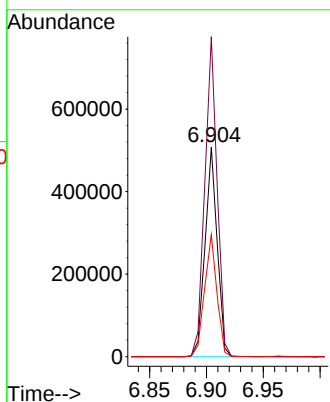
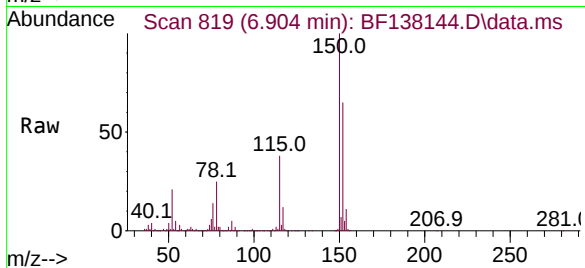




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF138144.D
 Acq: 06 Jun 2024 20:45

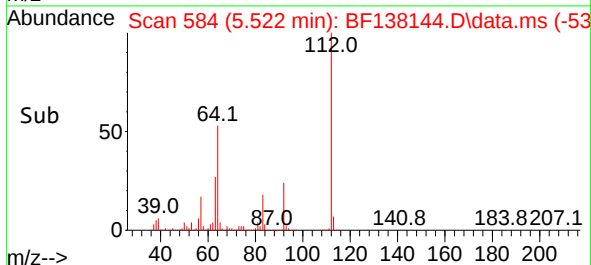
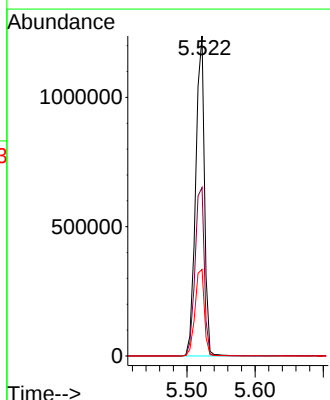
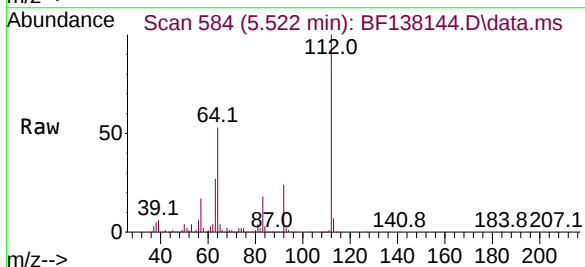
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:152 Resp: 377207
 Ion Ratio Lower Upper
 152 100
 150 152.7 121.8 182.6
 115 58.3 46.2 69.2



#5
 2-Fluorophenol
 Concen: 50.097 ng
 RT: 5.522 min Scan# 584
 Delta R.T. -0.006 min
 Lab File: BF138144.D
 Acq: 06 Jun 2024 20:45

Tgt Ion:112 Resp: 1108815
 Ion Ratio Lower Upper
 112 100
 64 52.7 44.0 66.0
 63 27.0 22.1 33.1

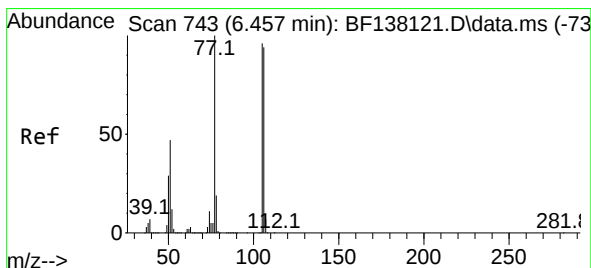
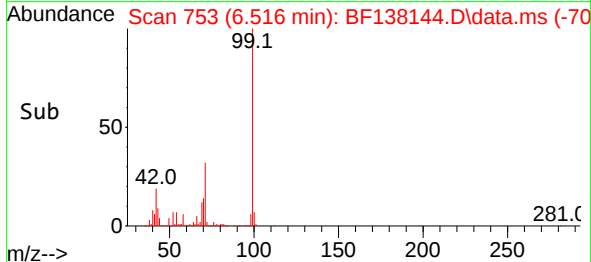
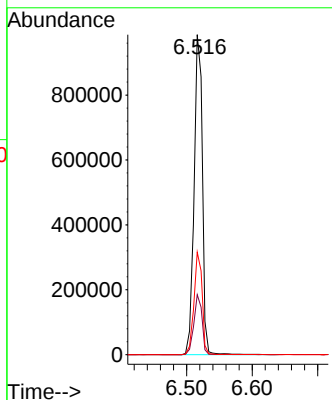
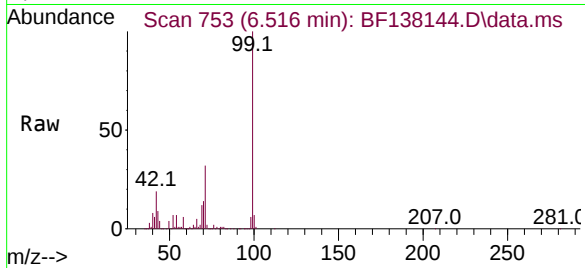




#7
Phenol-d6
Concen: 30.992 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138144.D
Acq: 06 Jun 2024 20:45

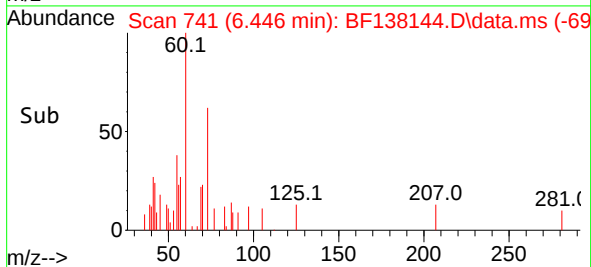
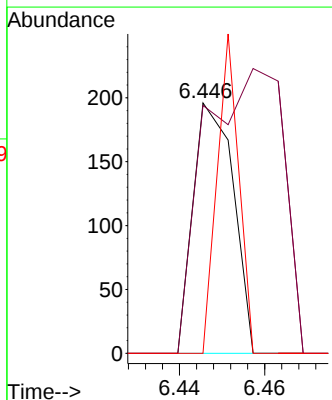
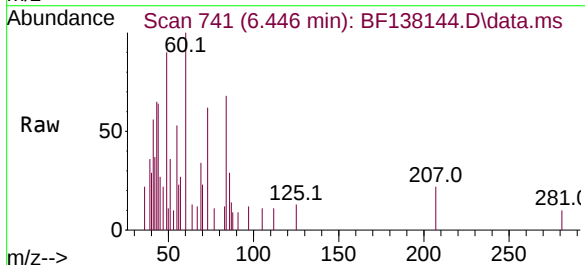
Instrument :
BNA_F
ClientSampleId :
MW-2

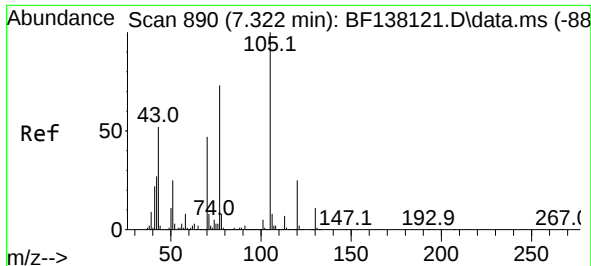
Tgt Ion: 99 Resp: 867898
Ion Ratio Lower Upper
99 100
42 18.8 14.4 21.6
71 32.1 25.5 38.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.446 min Scan# 741
Delta R.T. -0.011 min
Lab File: BF138144.D
Acq: 06 Jun 2024 20:45

Tgt Ion: 77 Resp: 128
Ion Ratio Lower Upper
77 100
105 99.0 75.8 115.8
106 0.0 73.9 113.9#





#19

n-Nitroso-di-n-propylamine

Concen: 14.168 ng

RT: 7.469 min Scan# 915

Delta R.T. 0.147 min

Lab File: BF138144.D

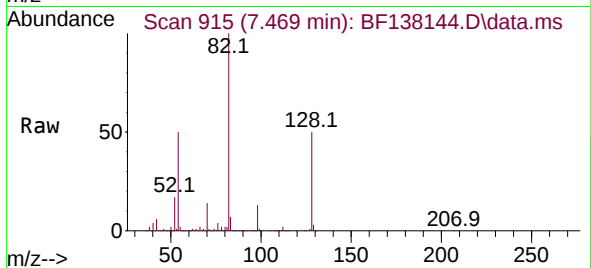
Acq: 06 Jun 2024 20:45

Instrument :

BNA_F

ClientSampleId :

MW-2



Tgt Ion: 70 Resp: 252991

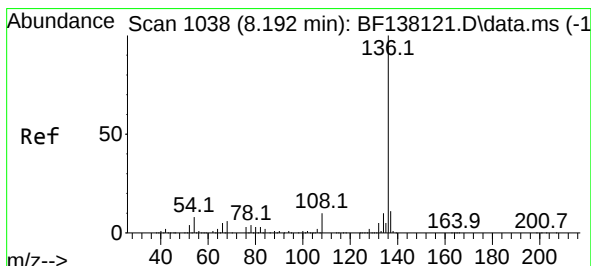
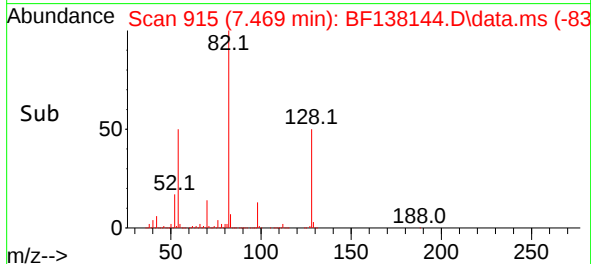
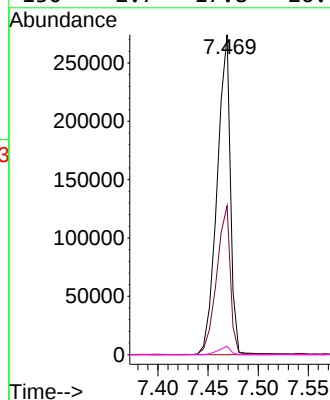
Ion Ratio Lower Upper

70 100

42 46.5 46.3 69.5

101 0.0 7.7 11.5#

130 2.7 17.8 26.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.187 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF138144.D

Acq: 06 Jun 2024 20:45

Tgt Ion: 136 Resp: 1445747

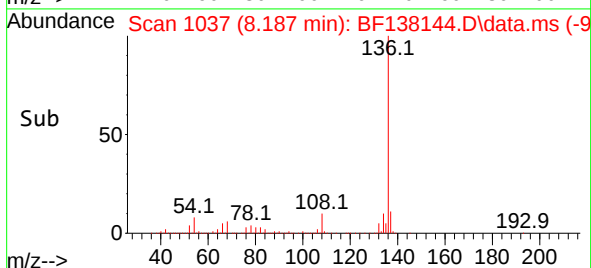
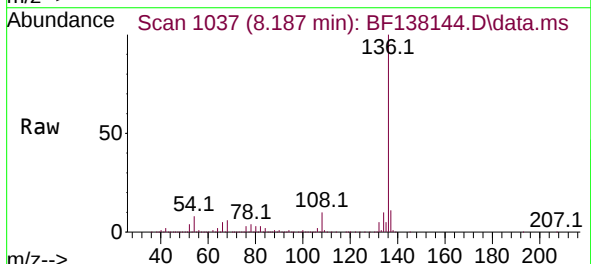
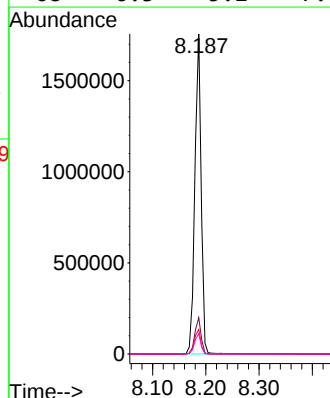
Ion Ratio Lower Upper

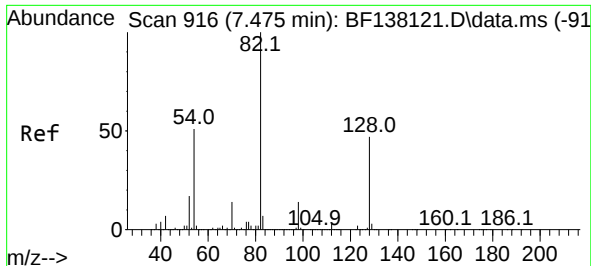
136 100

137 11.4 9.1 13.7

54 7.6 6.2 9.2

68 6.3 5.2 7.8

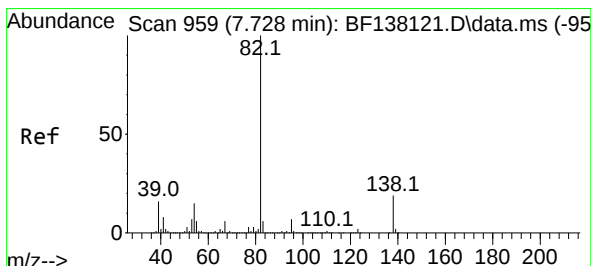
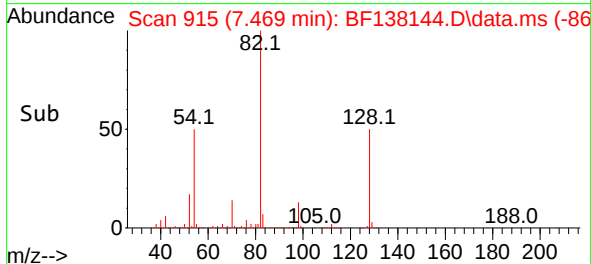
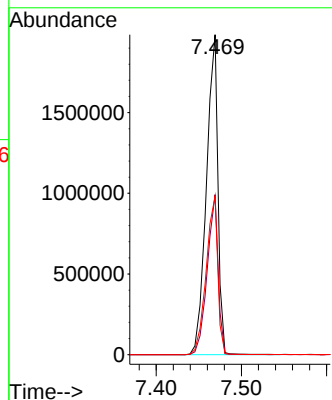
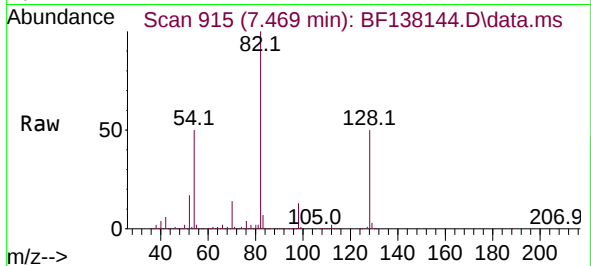




#23
Nitrobenzene-d5
Concen: 87.283 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF138144.D
Acq: 06 Jun 2024 20:45

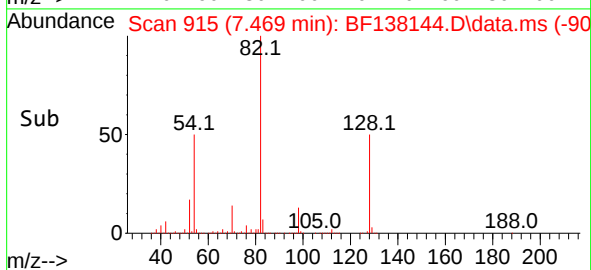
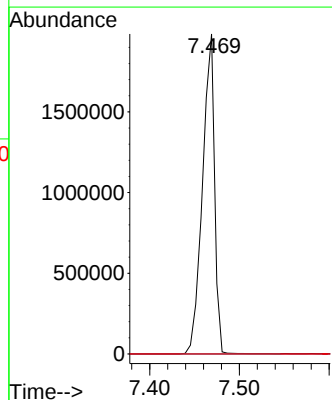
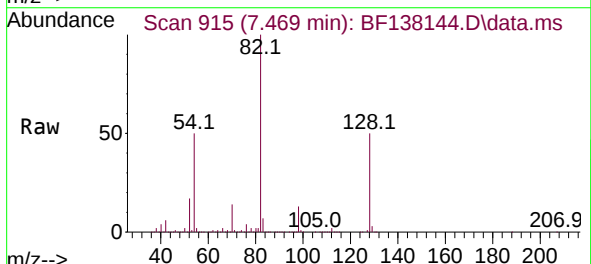
Instrument :
BNA_F
ClientSampleId :
MW-2

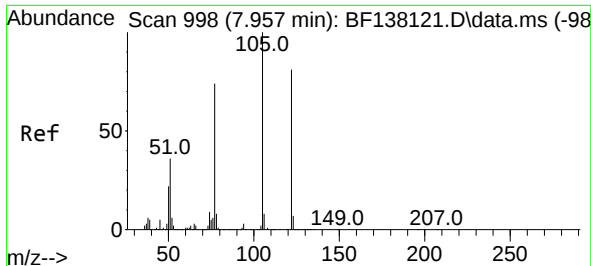
Tgt Ion: 82 Resp: 1854704
Ion Ratio Lower Upper
82 100
128 50.0 37.7 56.5
54 49.6 40.8 61.2



#25
Isophorone
Concen: 39.619 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.259 min
Lab File: BF138144.D
Acq: 06 Jun 2024 20:45

Tgt Ion: 82 Resp: 1854690
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.5 23.3#

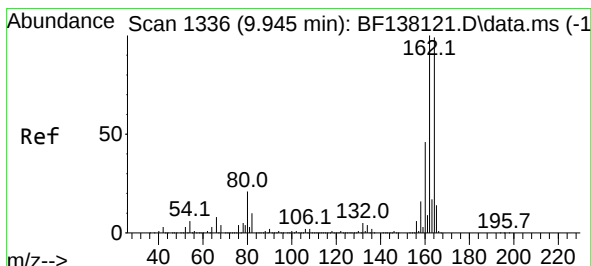
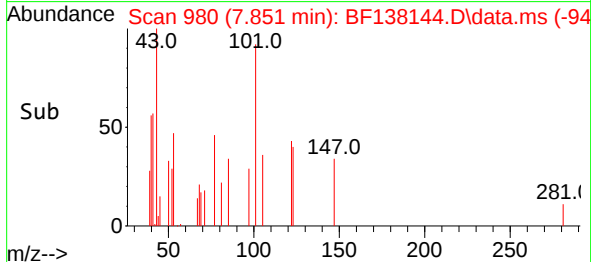
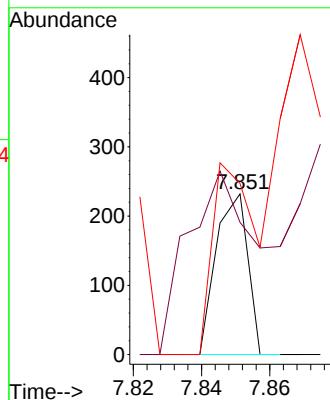
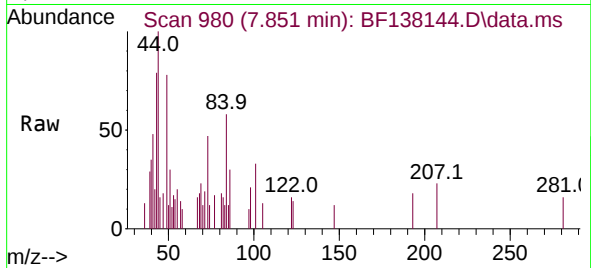




#32
Benzoic acid
Concen: 7.947 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.106 min
Lab File: BF138144.D
Acq: 06 Jun 2024 20:45

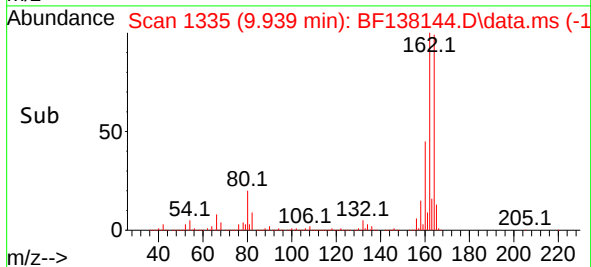
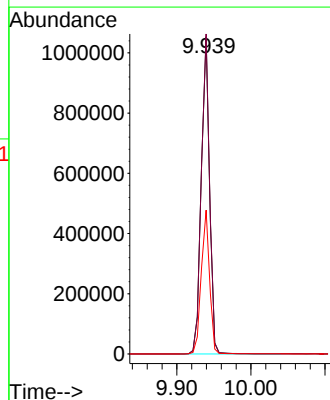
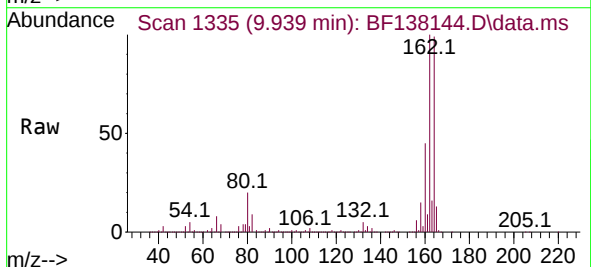
Instrument :
BNA_F
ClientSampleId :
MW-2

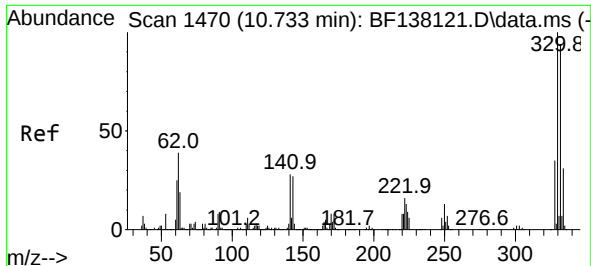
Tgt Ion:122 Resp: 149
Ion Ratio Lower Upper
122 100
105 82.3 102.8 142.8#
77 106.5 71.2 111.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138144.D
Acq: 06 Jun 2024 20:45

Tgt Ion:164 Resp: 815241
Ion Ratio Lower Upper
164 100
162 100.9 80.9 121.3
160 45.4 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 115.180 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.005 min

Lab File: BF138144.D

Acq: 06 Jun 2024 20:45

Instrument :

BNA_F

ClientSampleId :

MW-2

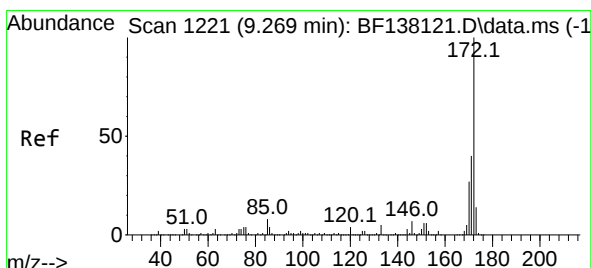
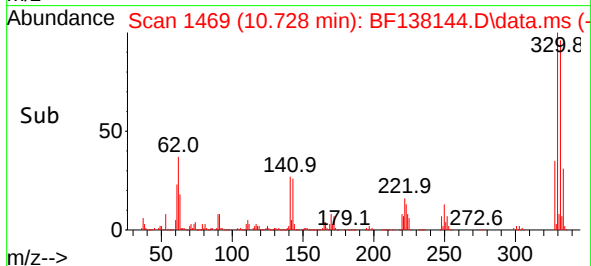
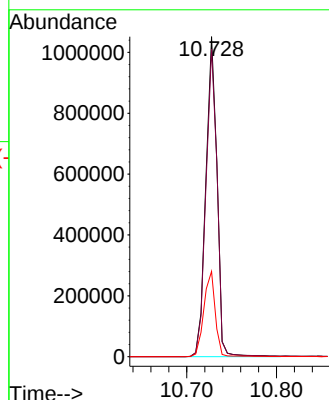
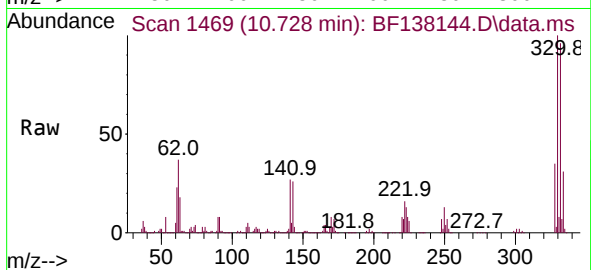
Tgt Ion:330 Resp: 903663

Ion Ratio Lower Upper

330 100

332 97.3 75.8 113.8

141 27.7 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 80.074 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138144.D

Acq: 06 Jun 2024 20:45

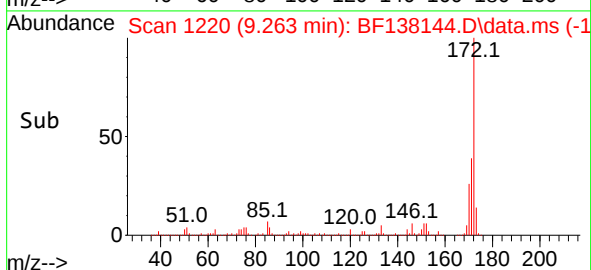
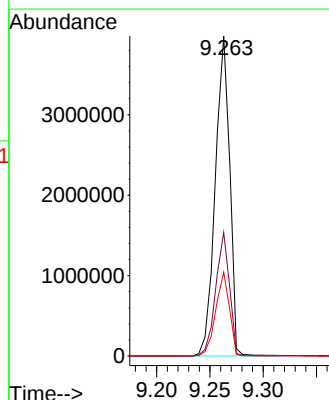
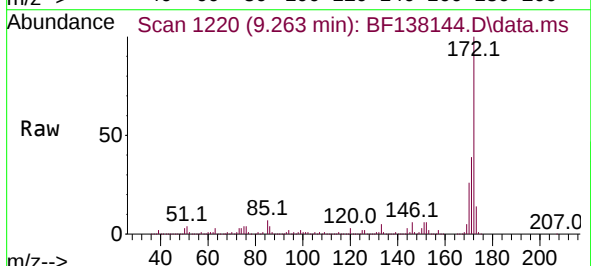
Tgt Ion:172 Resp: 3733373

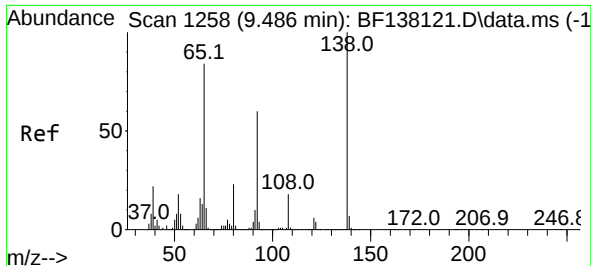
Ion Ratio Lower Upper

172 100

171 38.6 31.6 47.4

170 26.2 21.4 32.2





#48

2-Nitroaniline

Concen: 4.825 ng

RT: 9.351 min Scan# 1335

Delta R.T. -0.135 min

Lab File: BF138144.D

Acq: 06 Jun 2024 20:45

Instrument :

BNA_F

ClientSampleId :

MW-2

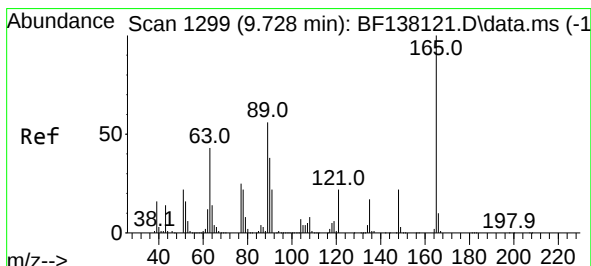
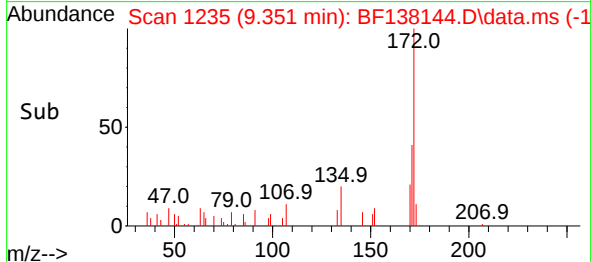
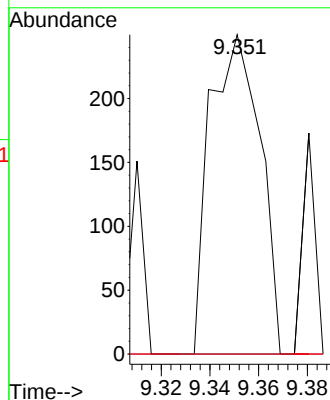
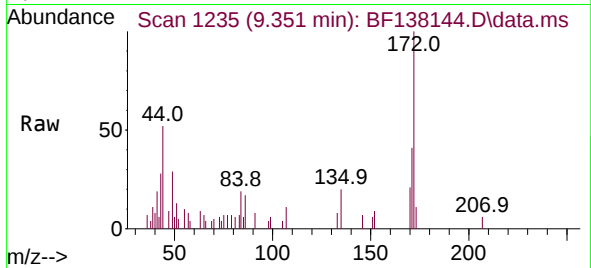
Tgt Ion: 65 Resp: 358

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: 12.257 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.211 min

Lab File: BF138144.D

Acq: 06 Jun 2024 20:45

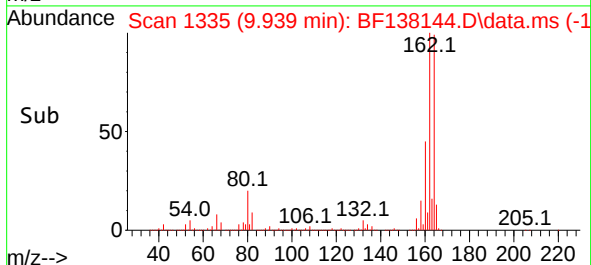
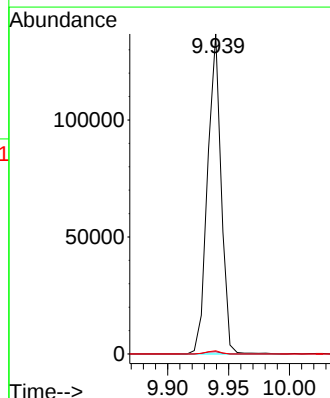
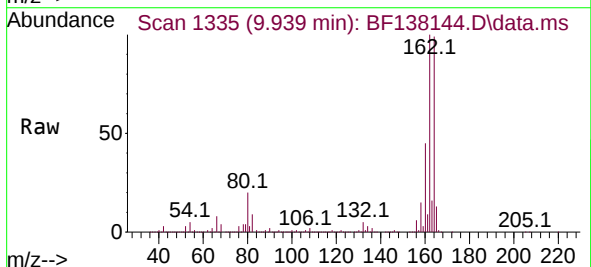
Tgt Ion:165 Resp: 105948

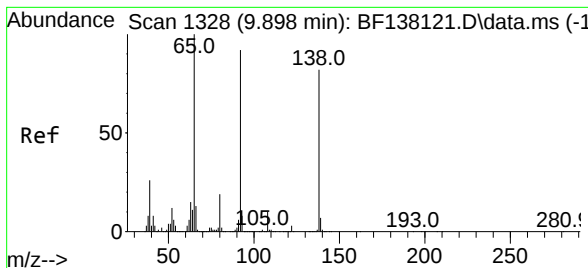
Ion Ratio Lower Upper

165 100

63 0.7 42.9 64.3#

89 1.0 45.0 67.4#





#53

3-Nitroaniline

Concen: 2.949 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.041 min

Lab File: BF138144.D

Acq: 06 Jun 2024 20:45

Instrument :

BNA_F

ClientSampleId :

MW-2

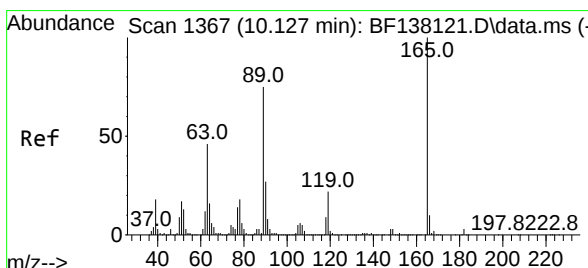
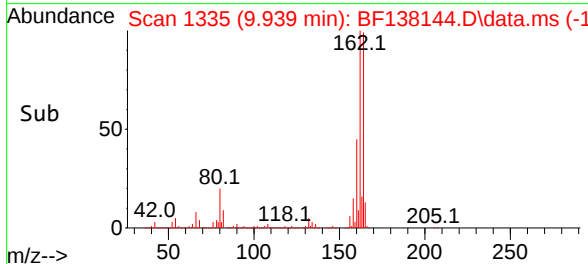
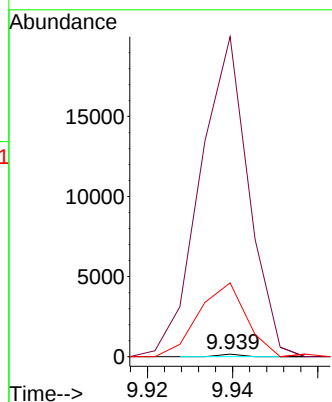
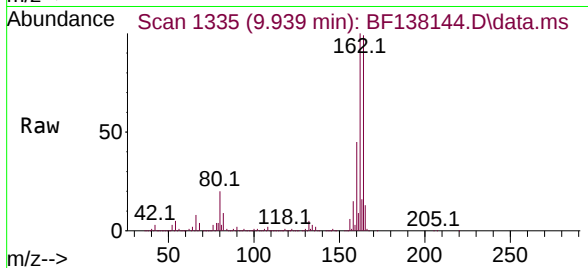
Tgt Ion:138 Resp: 57

Ion Ratio Lower Upper

138 100

108 12330.9 10.3 15.5#

92 2842.6 89.5 134.3#



#57

2,4-Dinitrotoluene

Concen: 11.159 ng

RT: 9.939 min Scan# 1335

Delta R.T. -0.188 min

Lab File: BF138144.D

Acq: 06 Jun 2024 20:45

Tgt Ion:165 Resp: 105948

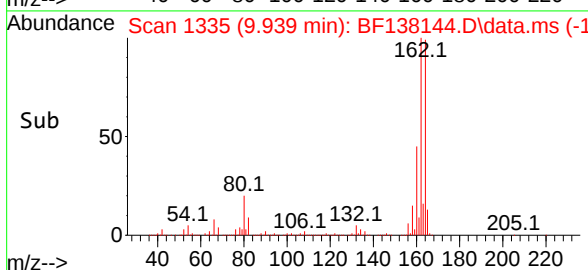
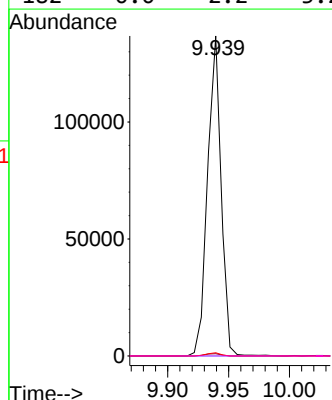
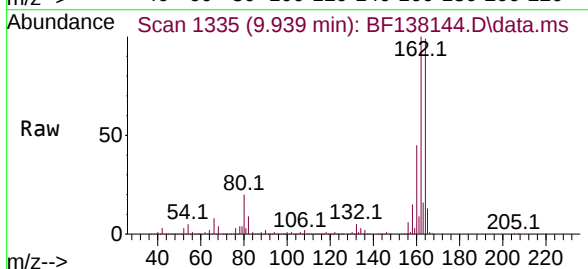
Ion Ratio Lower Upper

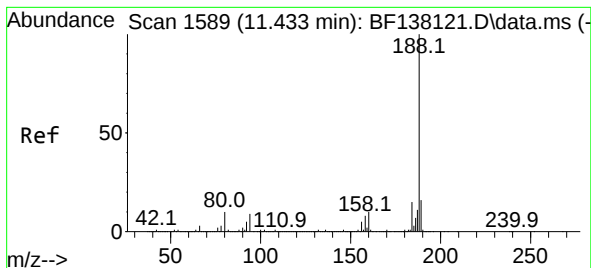
165 100

63 0.7 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: 11.428 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138144.D

Acq: 06 Jun 2024 20:45

Instrument :

BNA_F

ClientSampleId :

MW-2

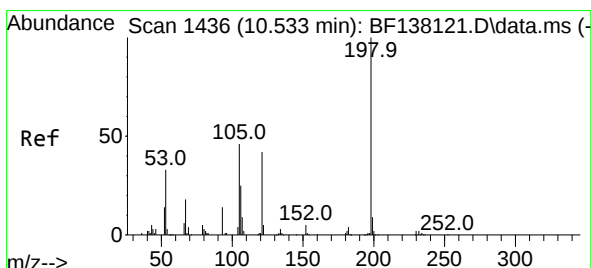
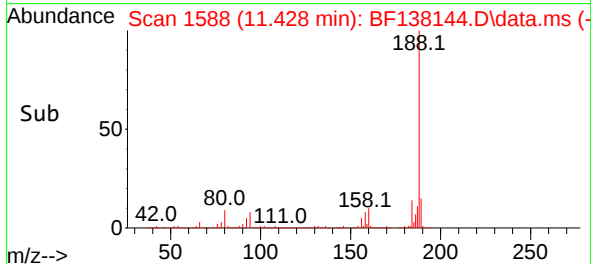
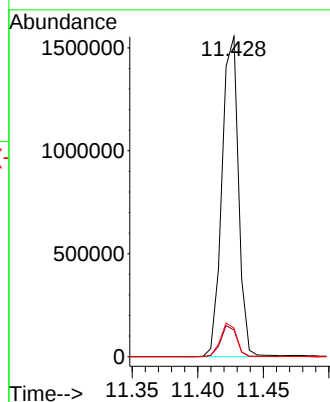
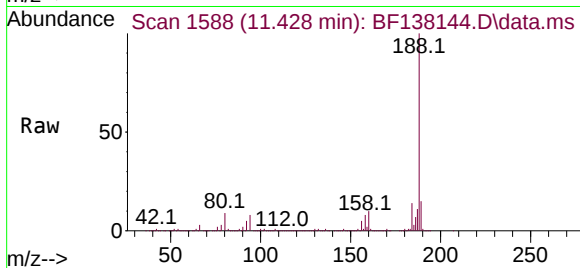
Tgt Ion:188 Resp: 1365337

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

80 8.9 7.7 11.5



#65

4,6-Dinitro-2-methylphenol

Concen: 8.803 ng

RT: 10.728 min Scan# 1469

Delta R.T. 0.195 min

Lab File: BF138144.D

Acq: 06 Jun 2024 20:45

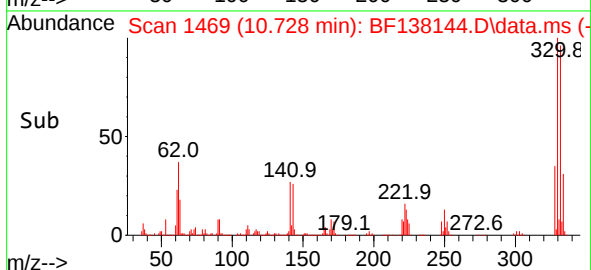
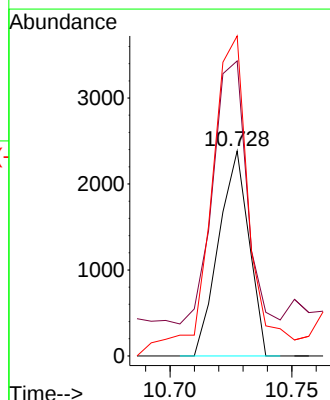
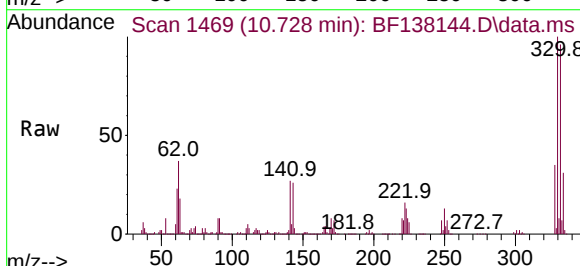
Tgt Ion:198 Resp: 2049

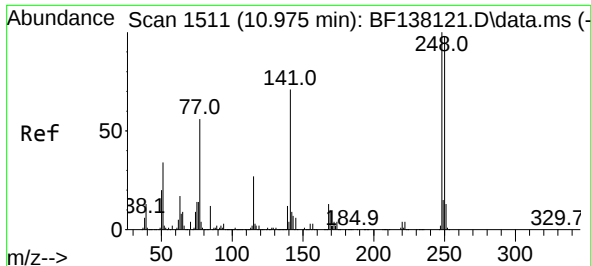
Ion Ratio Lower Upper

198 100

51 144.0 28.2 68.2#

105 156.2 26.8 66.8#

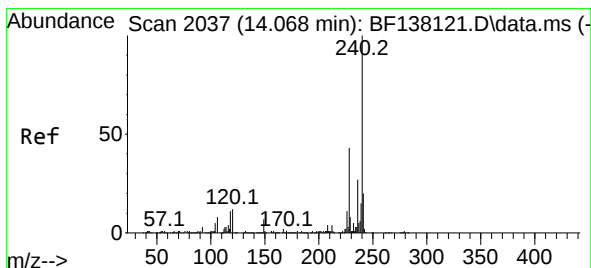
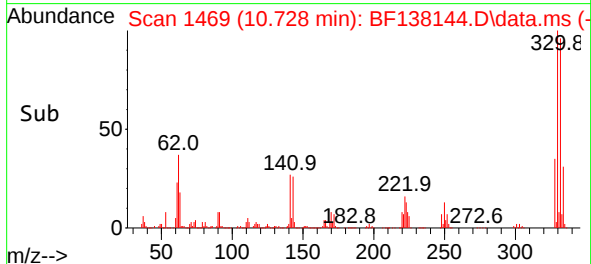
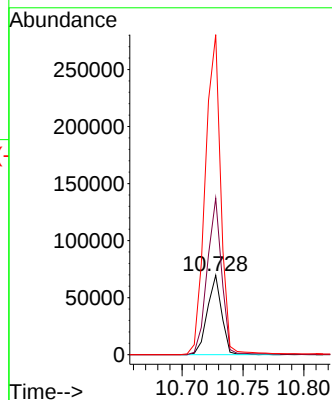
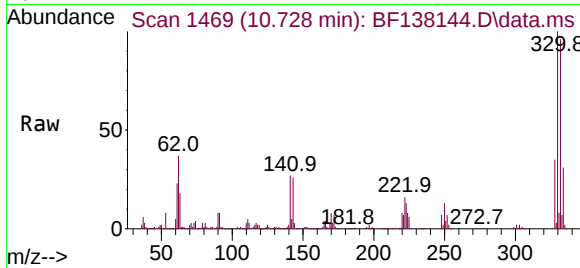




#67
4-Bromophenyl-phenylether
Concen: 3.642 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF138144.D
Acq: 06 Jun 2024 20:45

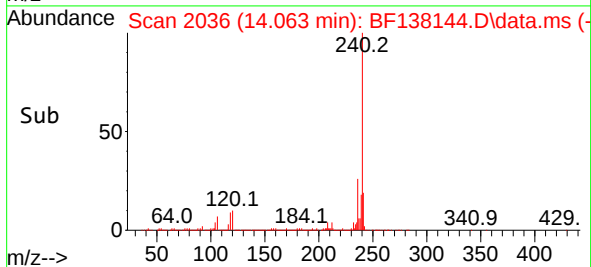
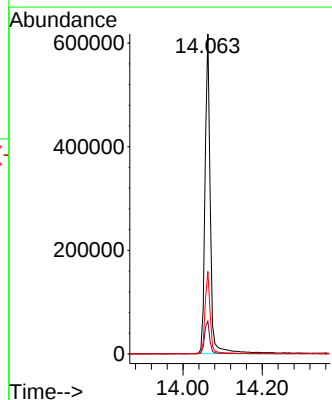
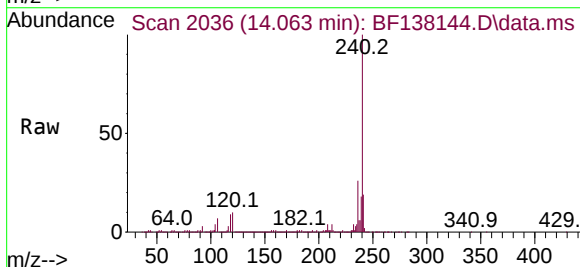
Instrument :
BNA_F
ClientSampleId :
MW-2

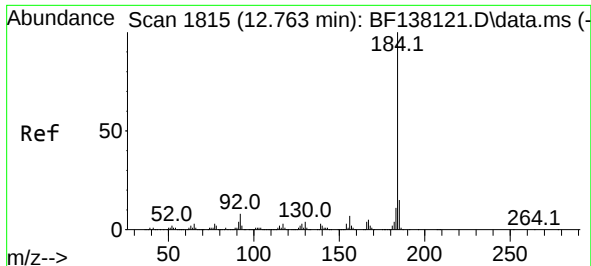
Tgt Ion:248 Resp: 56620
Ion Ratio Lower Upper
248 100
250 197.4 78.7 118.1#
141 403.5 56.5 84.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BF138144.D
Acq: 06 Jun 2024 20:45

Tgt Ion:240 Resp: 570513
Ion Ratio Lower Upper
240 100
120 10.3 9.8 14.8
236 25.8 21.2 31.8

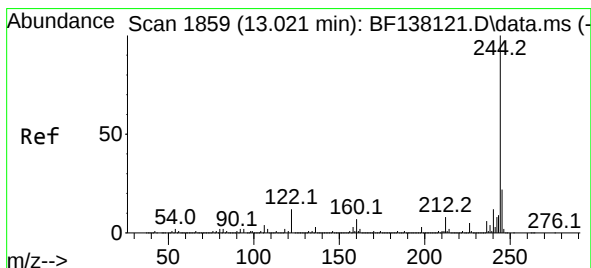
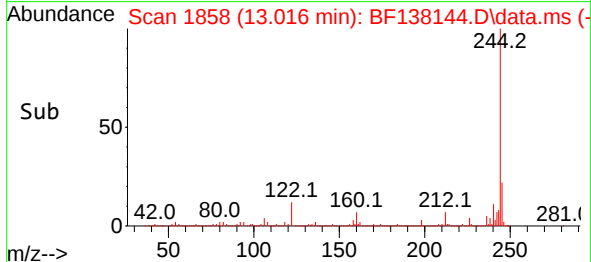
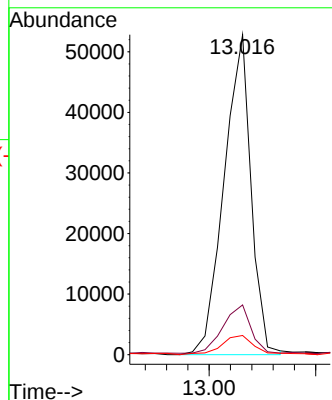
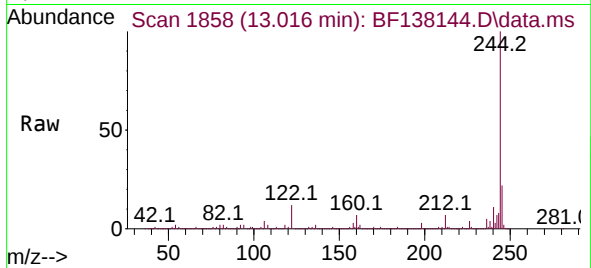




#77
Benzidine
Concen: 7.908 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.253 min
Lab File: BF138144.D
Acq: 06 Jun 2024 20:45

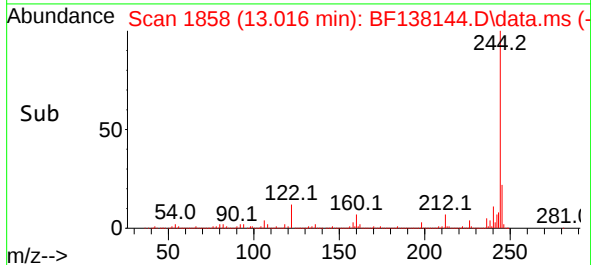
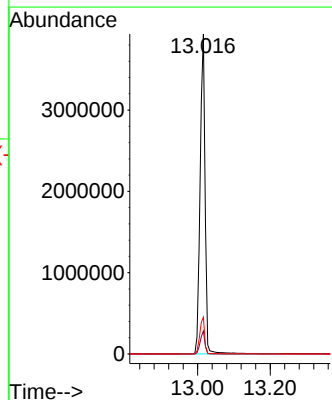
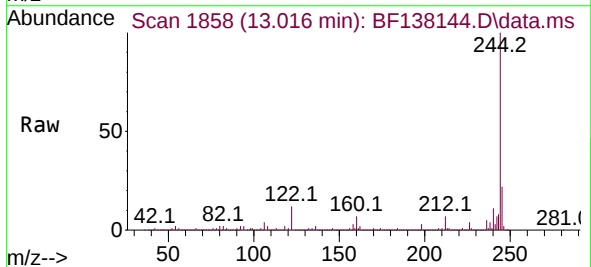
Instrument :
BNA_F
ClientSampleId :
MW-2

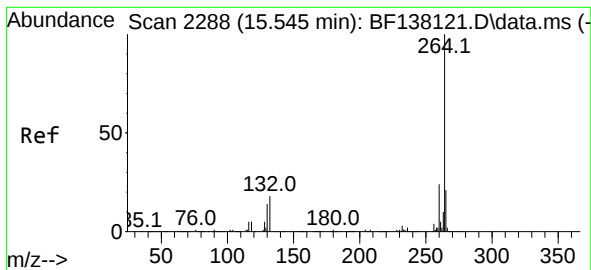
Tgt Ion:184 Resp: 46430
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.2
183 6.0 9.0 13.4#



#79
Terphenyl-d14
Concen: 98.185 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BF138144.D
Acq: 06 Jun 2024 20:45

Tgt Ion:244 Resp: 3745042
Ion Ratio Lower Upper
244 100
212 7.1 6.4 9.6
122 11.5 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: BF138144.D

Acq: 06 Jun 2024 20:45

Instrument :

BNA_F

ClientSampleId :

MW-2

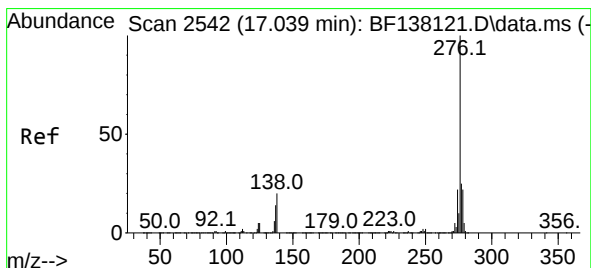
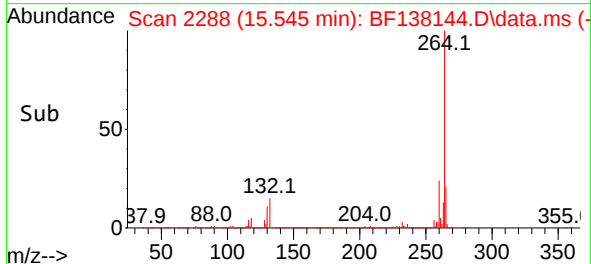
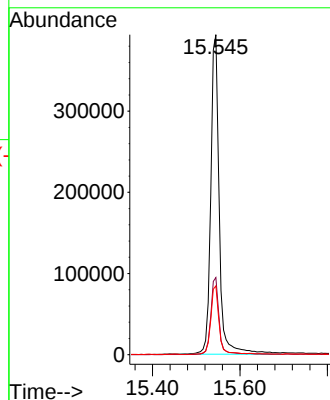
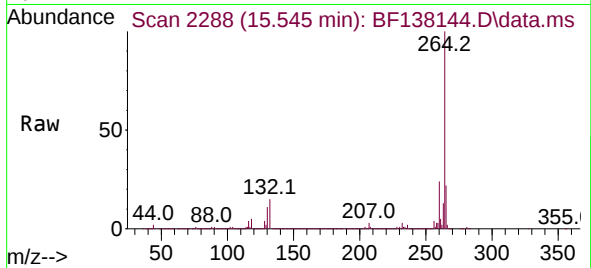
Tgt Ion:264 Resp: 532946

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.5 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.881 ng

RT: 16.992 min Scan# 2534

Delta R.T. -0.047 min

Lab File: BF138144.D

Acq: 06 Jun 2024 20:45

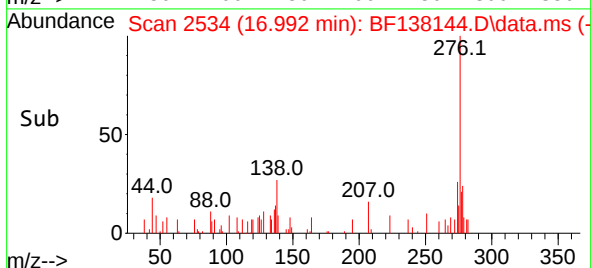
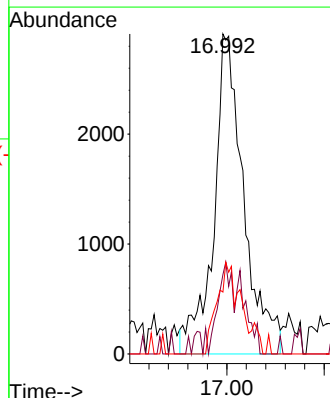
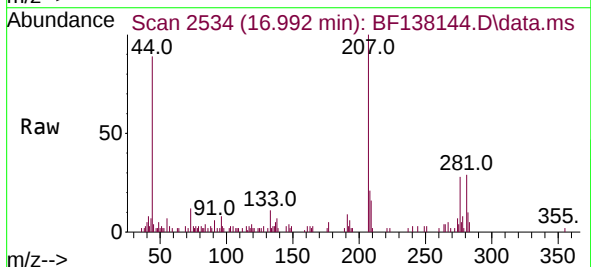
Tgt Ion:276 Resp: 12453

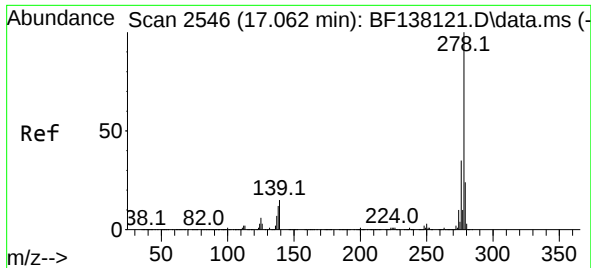
Ion Ratio Lower Upper

276 100

138 14.1 18.9 28.3#

277 21.7 20.3 30.5

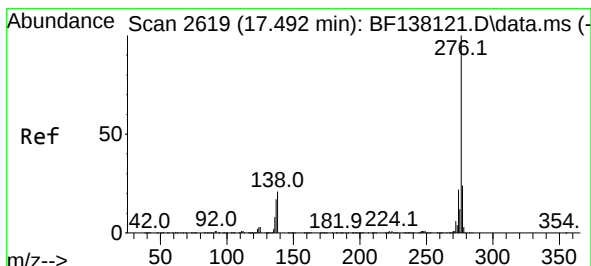
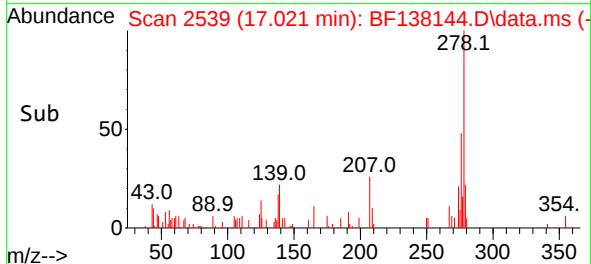
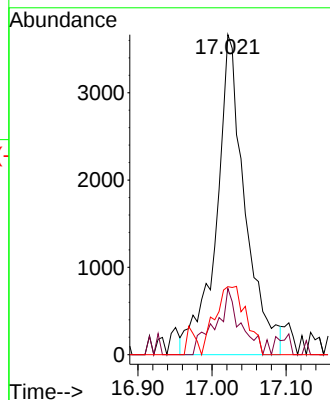
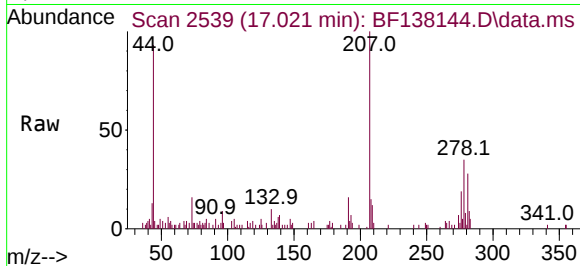




#91
 Dibenzo(a,h)anthracene
 Concen: 4.047 ng
 RT: 17.021 min Scan# 21
 Delta R.T. -0.041 min
 Lab File: BF138144.D
 Acq: 06 Jun 2024 20:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion: 278 Resp: 9838
 Ion Ratio Lower Upper
 278 100
 139 20.7 11.7 17.5#
 279 21.3 19.2 28.8



#92
 Benzo(g,h,i)perylene
 Concen: 3.279 ng
 RT: 17.439 min Scan# 2610
 Delta R.T. -0.053 min
 Lab File: BF138144.D
 Acq: 06 Jun 2024 20:45

Tgt Ion: 276 Resp: 7586
 Ion Ratio Lower Upper
 276 100
 277 26.9 19.0 28.4
 138 26.6 16.5 24.7#

