

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
 Data File : BF138147.D
 Acq On : 06 Jun 2024 22:14
 Operator : CG\JU
 Sample : P2718-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

Quant Time: Jun 07 03:20:01 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

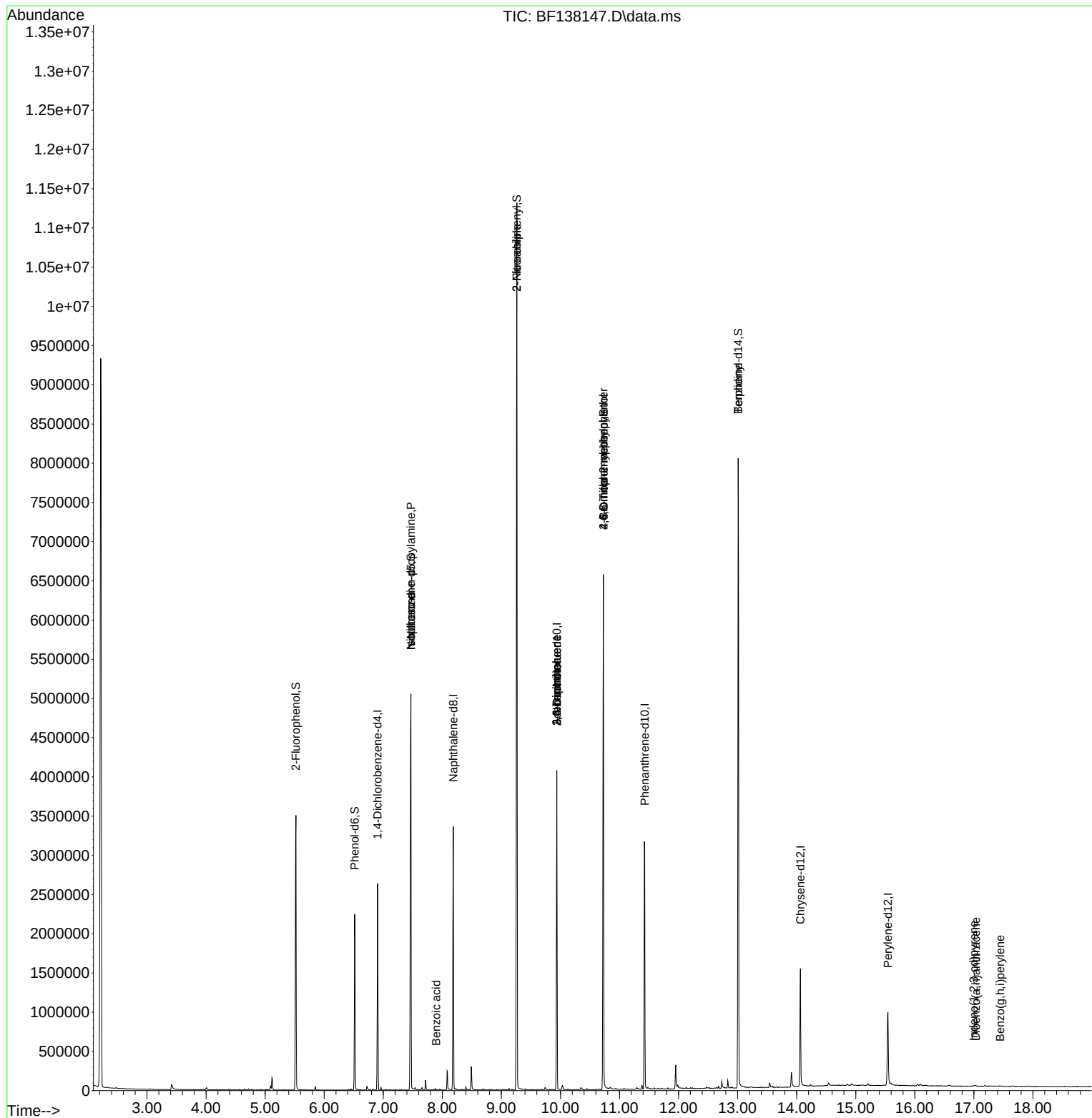
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	345742	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1339505	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	738872	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1192631	20.000	ng	0.00
76) Chrysene-d12	14.063	240	518297	20.000	ng	0.00
86) Perylene-d12	15.545	264	500299	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	955715	47.109	ng	0.00
7) Phenol-d6	6.516	99	706399	27.521	ng	-0.02
23) Nitrobenzene-d5	7.469	82	1654991	84.062	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	830634	116.815	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	3374028	79.846	ng	0.00
79) Terphenyl-d14	13.010	244	2909489	83.964	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.451	77	328	Below Cal	Qvalue	# 82
19) n-Nitroso-di-n-propyla...	7.469	70	224009	13.687	ng	# 76
25) Isophorone	7.469	82	1654971	38.156	ng	# 63
32) Benzoic acid	7.898	122	203	7.953	ng	# 1
48) 2-Nitroaniline	9.263	65	5296	5.261	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	97822	12.423	ng	# 25
53) 3-Nitroaniline	9.939	138	71	2.951	ng	# 1
57) 2,4-Dinitrotoluene	9.939	165	97822	11.297	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.727	198	1712	8.785	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	51255	3.774	ng	# 1
77) Benzidine	13.010	184	34568	6.481	ng	# 93
87) Indeno(1,2,3-cd)pyrene	16.998	276	7303	3.731	ng	# 75
91) Dibenzo(a,h)anthracene	17.033	278	7610	3.978	ng	# 95
92) Benzo(g,h,i)perylene	17.445	276	5686	3.220	ng	# 92

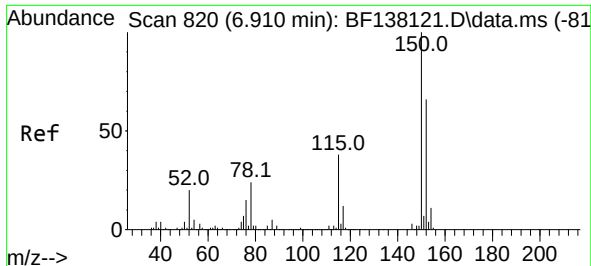
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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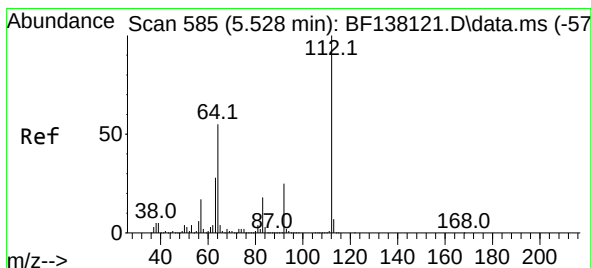
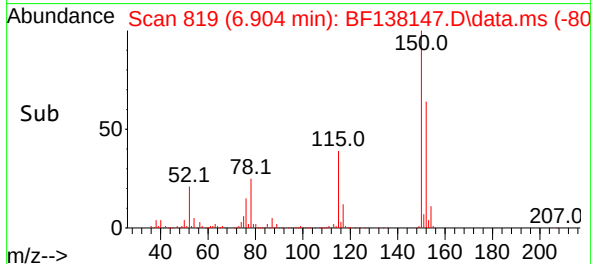
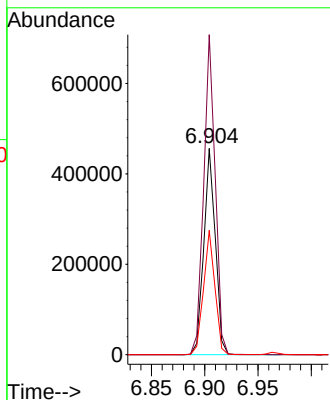
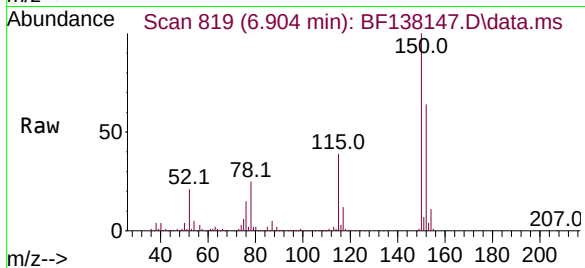




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

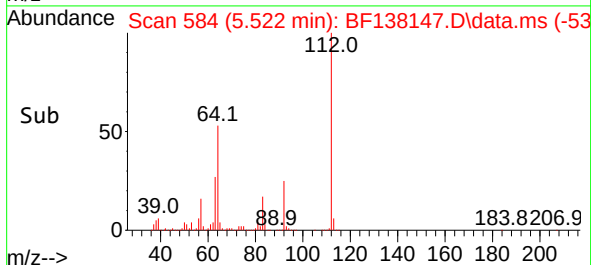
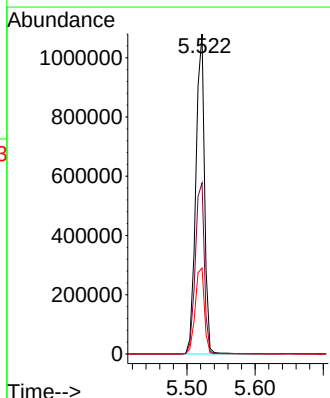
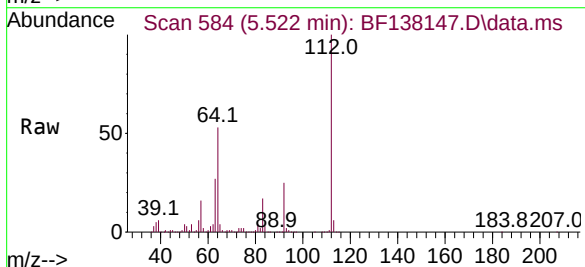
Instrument :
BNA_F
ClientSampleId :
MW-7

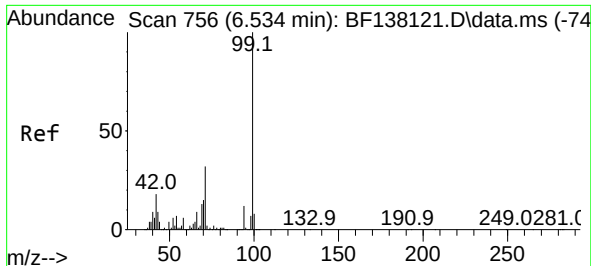
Tgt Ion:152 Resp: 345742
Ion Ratio Lower Upper
152 100
150 155.1 121.8 182.6
115 60.3 46.2 69.2



#5
2-Fluorophenol
Concen: 47.109 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.006 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

Tgt Ion:112 Resp: 955715
Ion Ratio Lower Upper
112 100
64 53.5 44.0 66.0
63 26.9 22.1 33.1

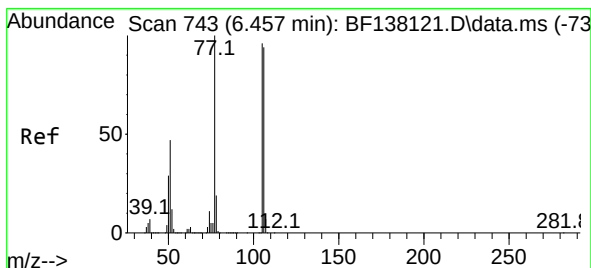
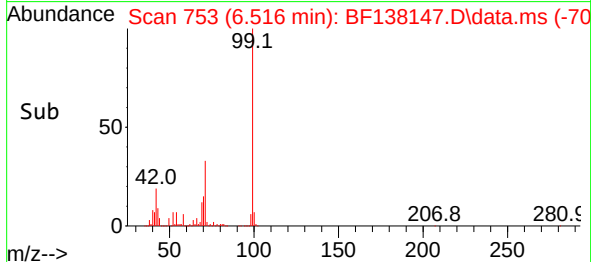
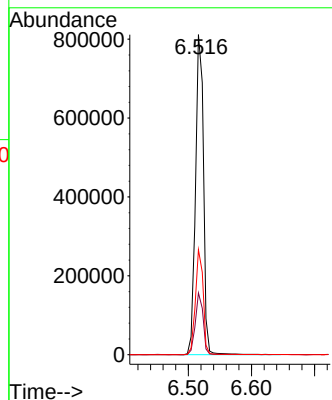
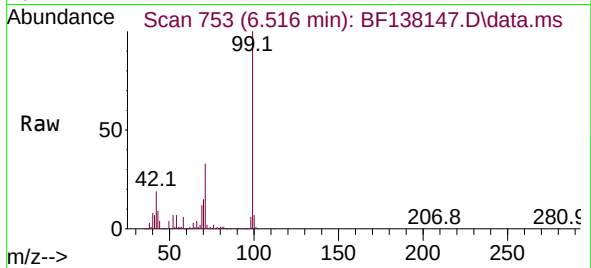




#7
Phenol-d6
Concen: 27.521 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

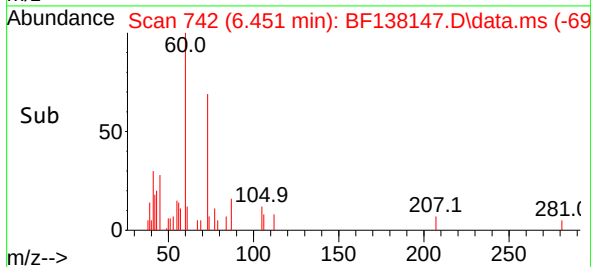
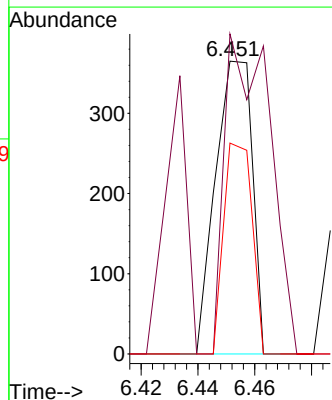
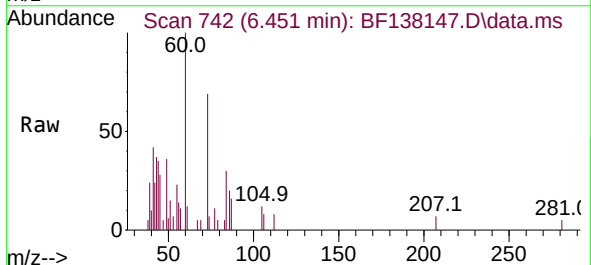
Instrument :
BNA_F
ClientSampleId :
MW-7

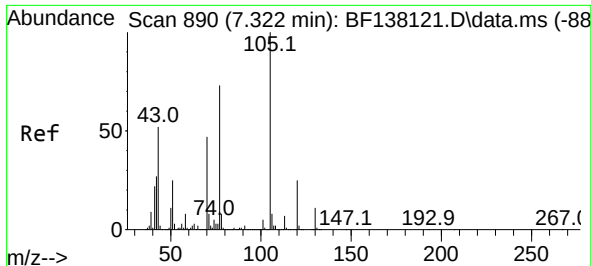
Tgt Ion: 99 Resp: 706399
Ion Ratio Lower Upper
99 100
42 19.3 14.4 21.6
71 32.8 25.5 38.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

Tgt Ion: 77 Resp: 328
Ion Ratio Lower Upper
77 100
105 109.3 75.8 115.8
106 72.1 73.9 113.9#





#19

n-Nitroso-di-n-propylamine

Concen: 13.687 ng

RT: 7.469 min Scan# 915

Delta R.T. 0.147 min

Lab File: BF138147.D

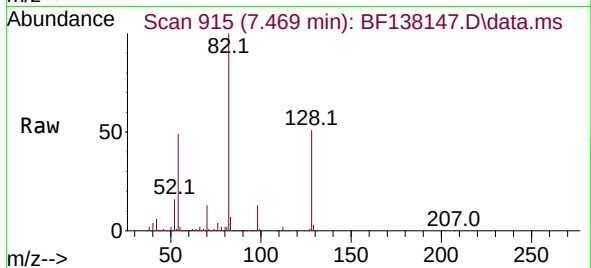
Acq: 06 Jun 2024 22:14

Instrument :

BNA_F

ClientSampleId :

MW-7



Tgt Ion: 70 Resp: 224009

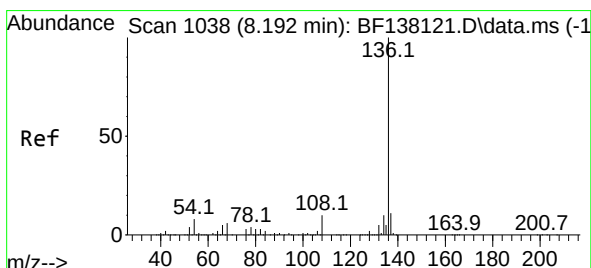
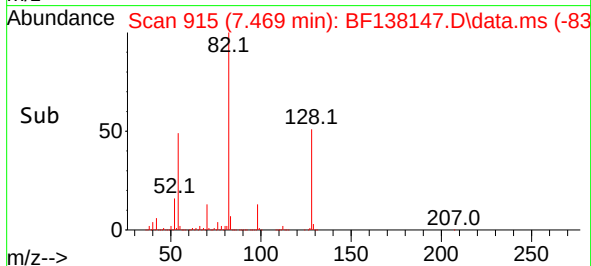
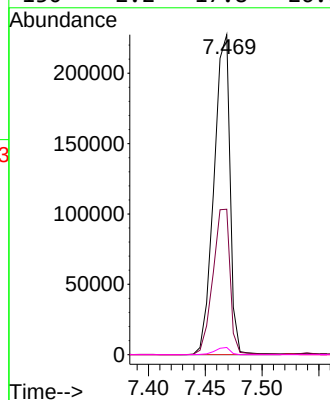
Ion Ratio Lower Upper

70 100

42 45.4 46.3 69.5#

101 0.0 7.7 11.5#

130 2.2 17.8 26.6#



#21

Napthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF138147.D

Acq: 06 Jun 2024 22:14

Tgt Ion: 136 Resp: 1339505

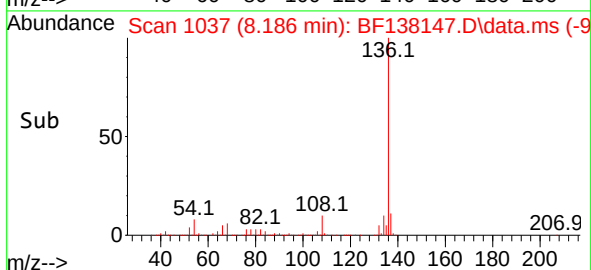
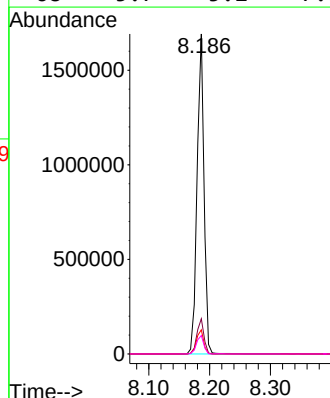
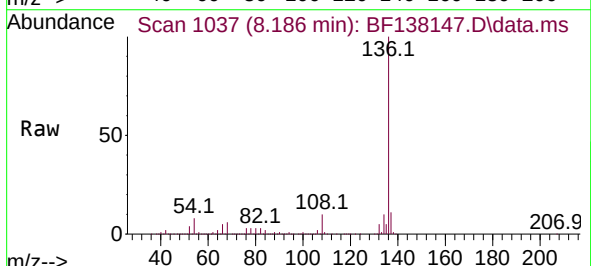
Ion Ratio Lower Upper

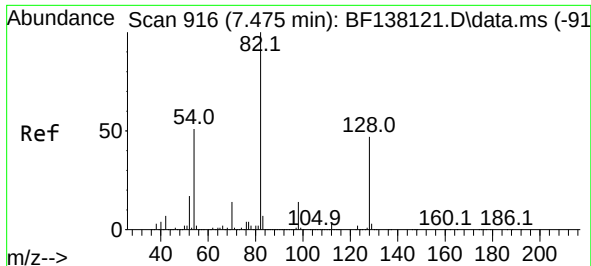
136 100

137 11.0 9.1 13.7

54 7.6 6.2 9.2

68 5.7 5.2 7.8

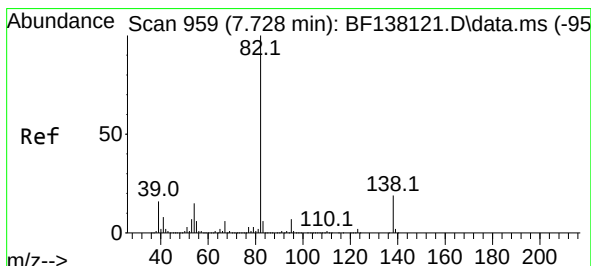
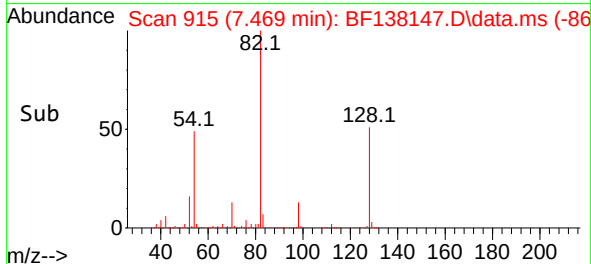
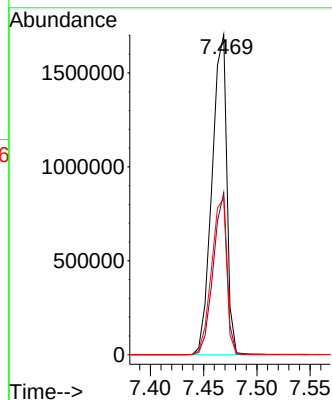
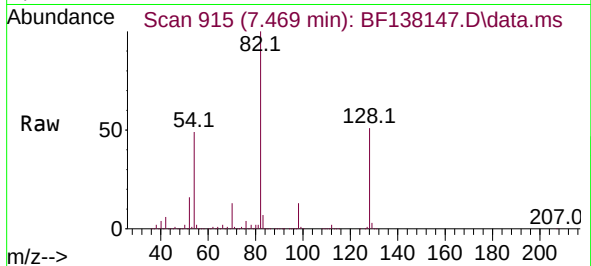




#23
Nitrobenzene-d5
Concen: 84.062 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

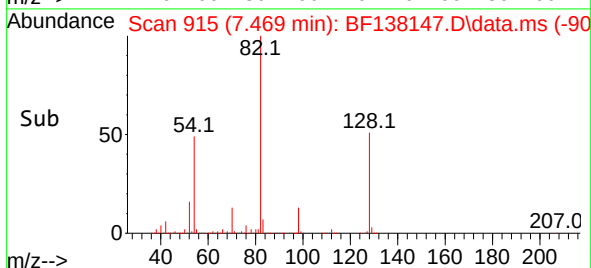
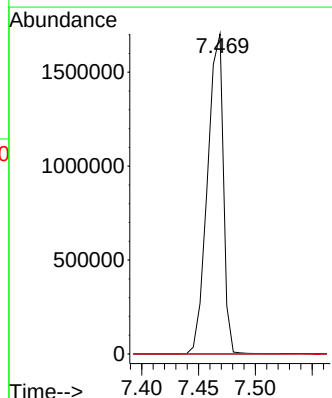
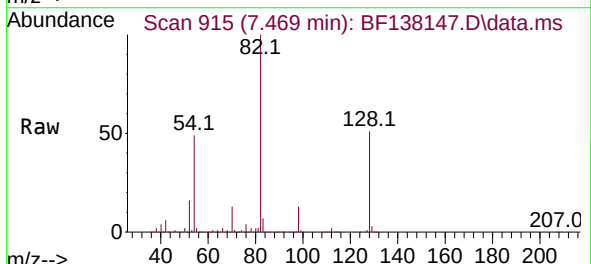
Instrument :
BNA_F
ClientSampleId :
MW-7

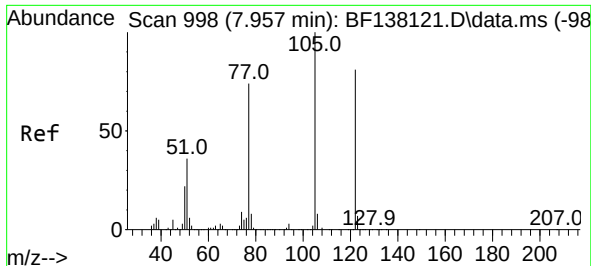
Tgt Ion: 82 Resp: 1654991
Ion Ratio Lower Upper
82 100
128 50.6 37.7 56.5
54 48.8 40.8 61.2



#25
Isophorone
Concen: 38.156 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.259 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

Tgt Ion: 82 Resp: 1654971
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.5 23.3#

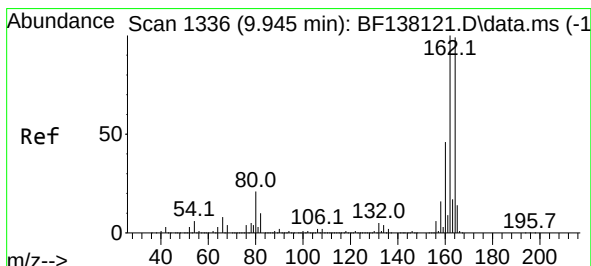
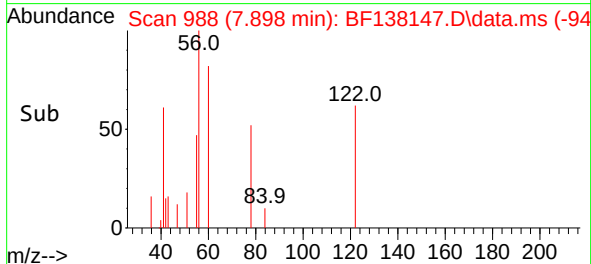
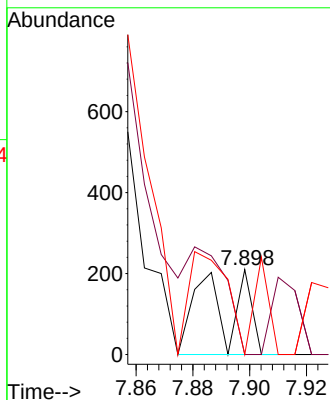
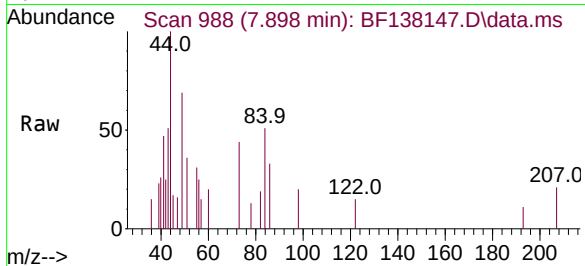




#32
Benzoic acid
Concen: 7.953 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.059 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

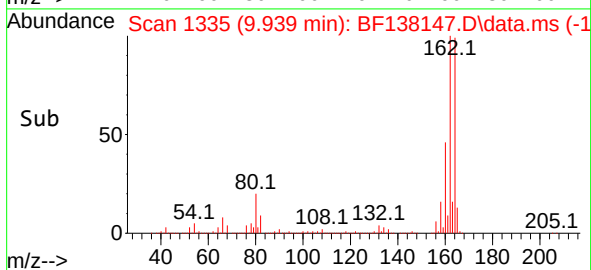
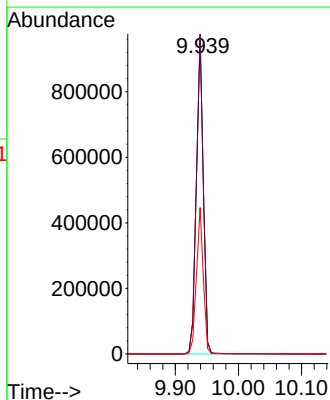
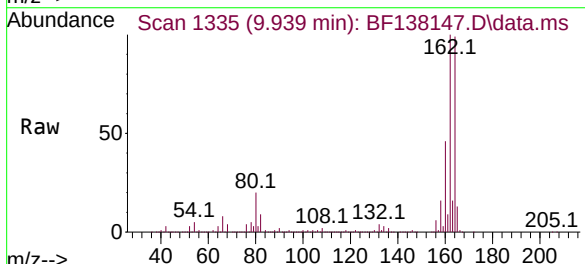
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ClientSampleId :
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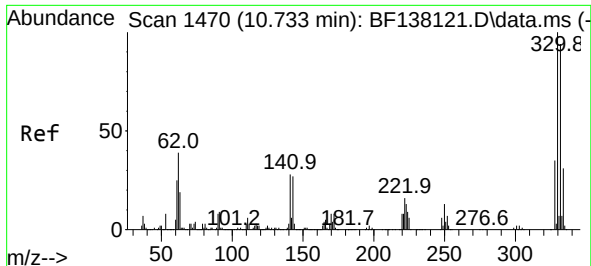
Tgt Ion:122 Resp: 203
Ion Ratio Lower Upper
122 100
105 0.0 102.8 142.8#
77 0.0 71.2 111.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

Tgt Ion:164 Resp: 738872
Ion Ratio Lower Upper
164 100
162 100.7 80.9 121.3
160 46.0 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 116.815 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF138147.D

Acq: 06 Jun 2024 22:14

Instrument :

BNA_F

ClientSampleId :

MW-7

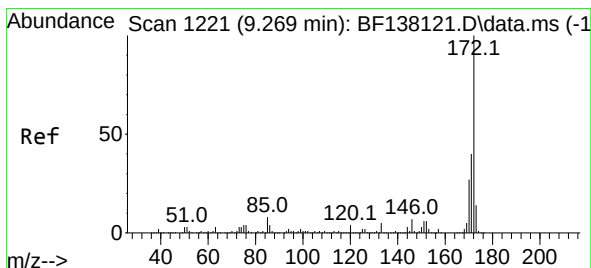
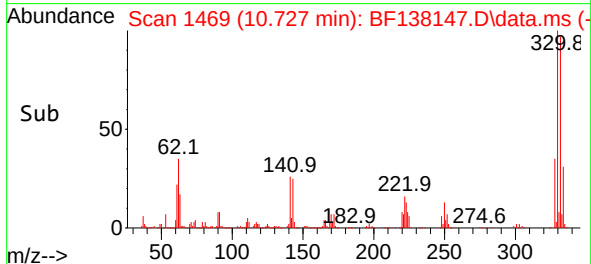
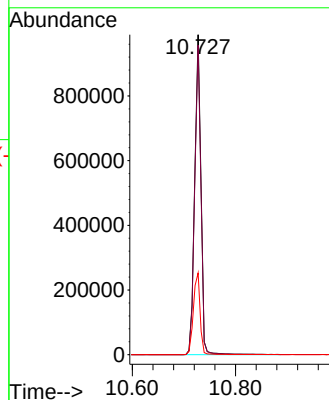
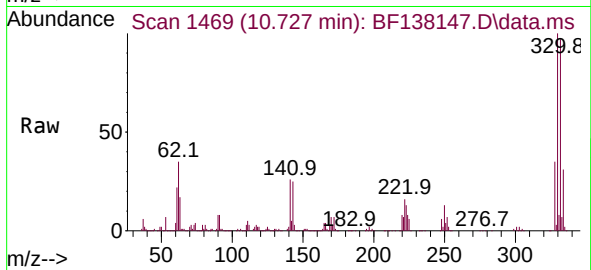
Tgt Ion:330 Resp: 830634

Ion Ratio Lower Upper

330 100

332 96.0 75.8 113.8

141 27.6 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 79.846 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138147.D

Acq: 06 Jun 2024 22:14

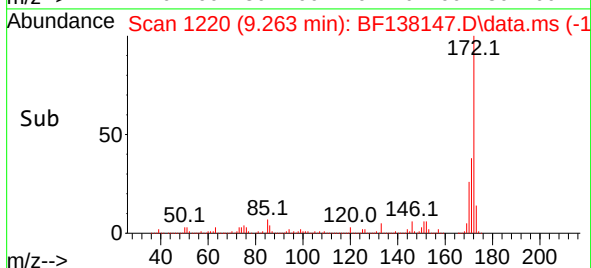
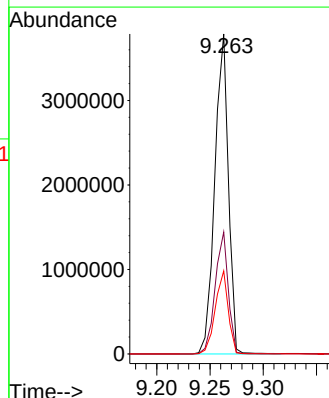
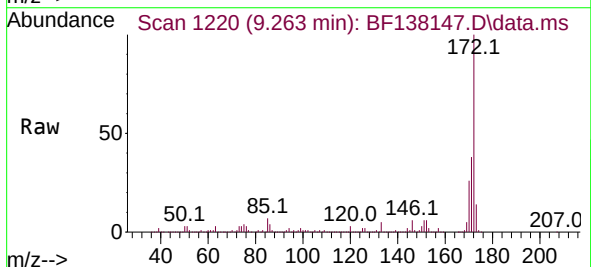
Tgt Ion:172 Resp: 3374028

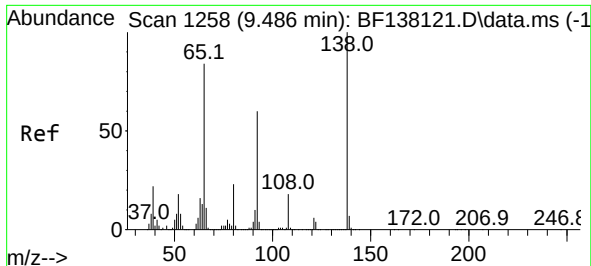
Ion Ratio Lower Upper

172 100

171 38.1 31.6 47.4

170 26.0 21.4 32.2

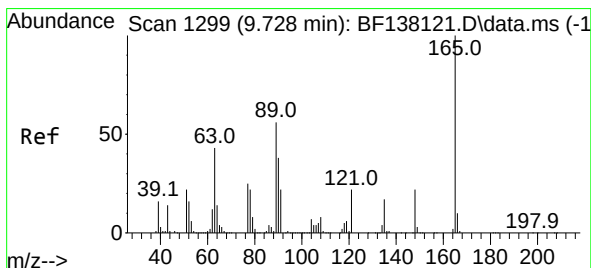
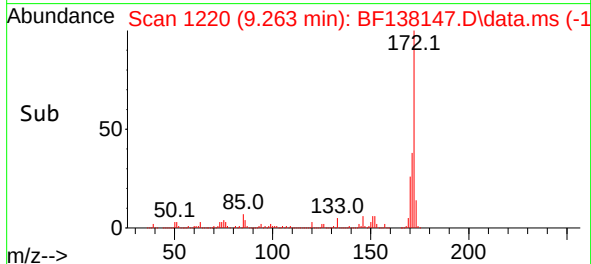
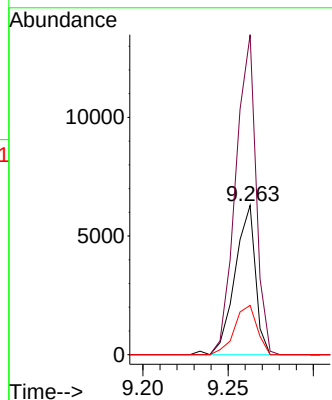
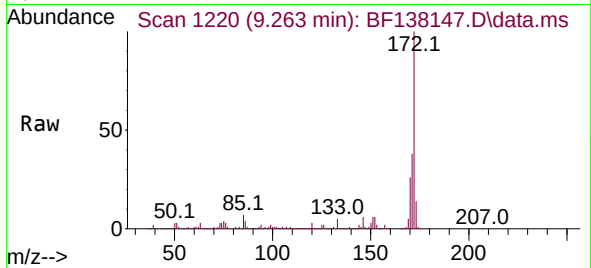




#48
2-Nitroaniline
Concen: 5.261 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.223 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

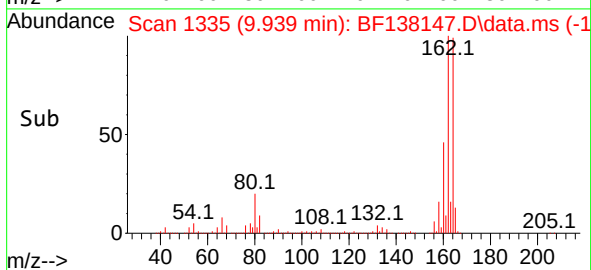
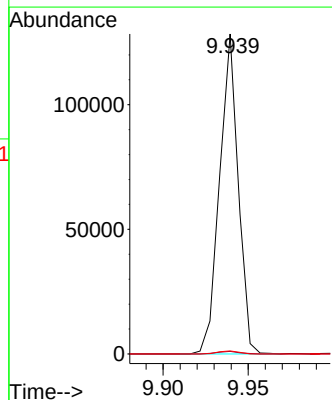
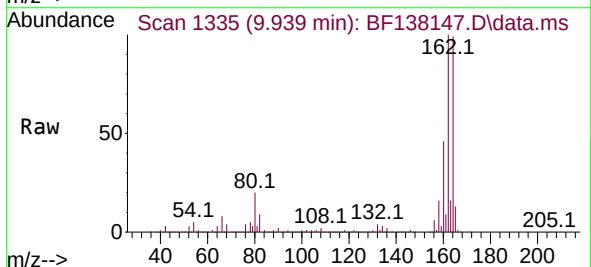
Instrument :
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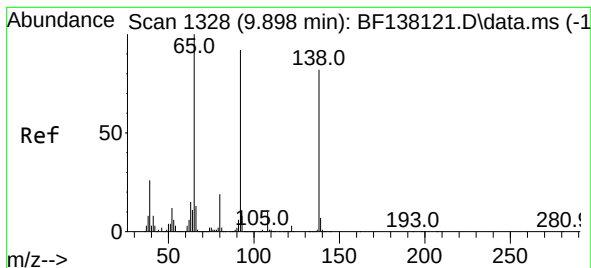
Tgt Ion: 65 Resp: 5296
Ion Ratio Lower Upper
65 100
92 214.4 57.3 85.9#
138 33.0 95.4 143.2#



#51
2,6-Dinitrotoluene
Concen: 12.423 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.211 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

Tgt Ion: 165 Resp: 97822
Ion Ratio Lower Upper
165 100
63 0.8 42.9 64.3#
89 1.0 45.0 67.4#





#53

3-Nitroaniline

Concen: 2.951 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.041 min

Lab File: BF138147.D

Acq: 06 Jun 2024 22:14

Instrument :

BNA_F

ClientSampleId :

MW-7

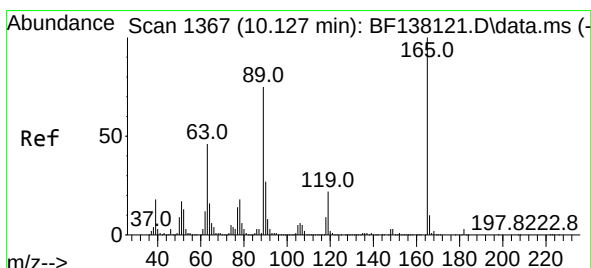
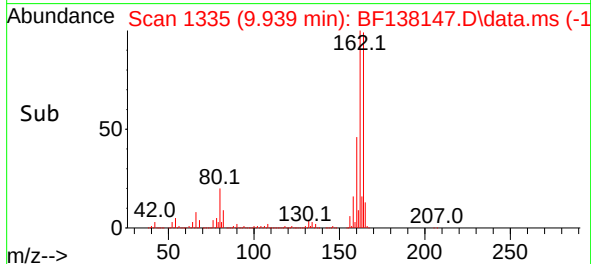
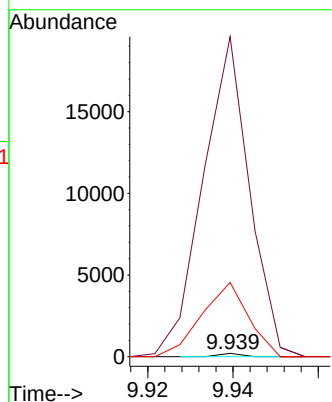
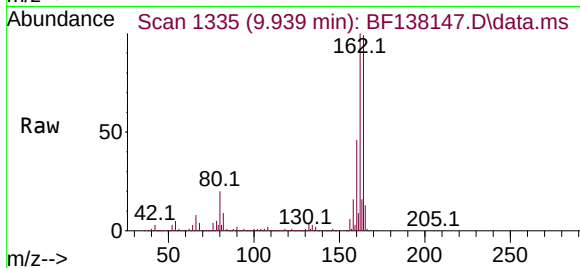
Tgt Ion:138 Resp: 71

Ion Ratio Lower Upper

138 100

108 9699.0 10.3 15.5#

92 2251.5 89.5 134.3#



#57

2,4-Dinitrotoluene

Concen: 11.297 ng

RT: 9.939 min Scan# 1335

Delta R.T. -0.188 min

Lab File: BF138147.D

Acq: 06 Jun 2024 22:14

Tgt Ion:165 Resp: 97822

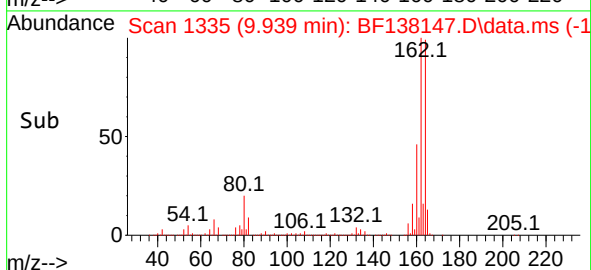
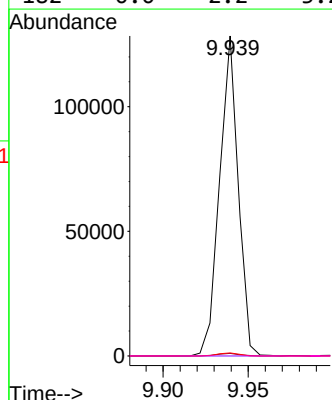
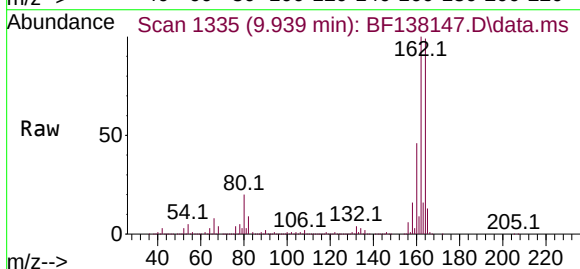
Ion Ratio Lower Upper

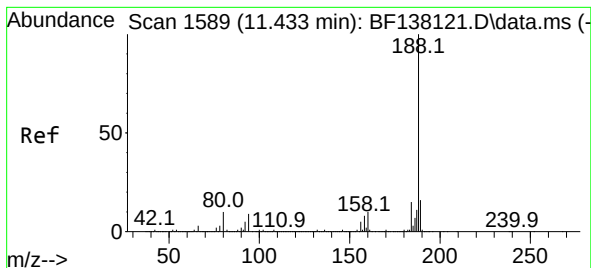
165 100

63 0.8 36.8 55.2#

89 1.0 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138147.D

Acq: 06 Jun 2024 22:14

Instrument :

BNA_F

ClientSampleId :

MW-7

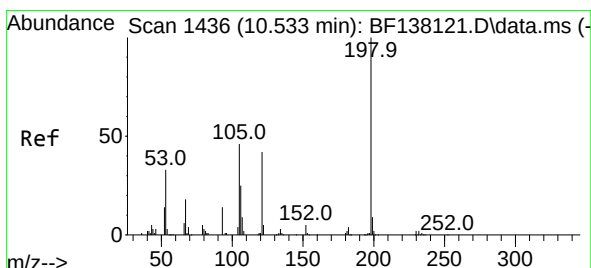
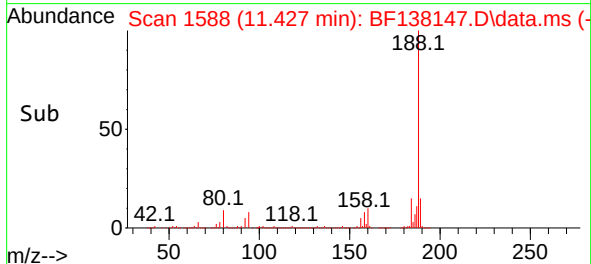
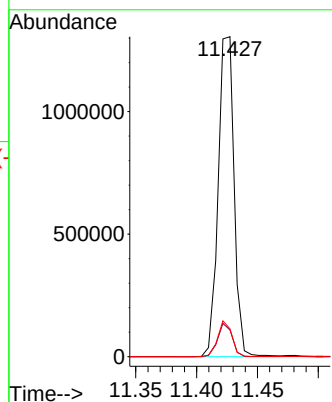
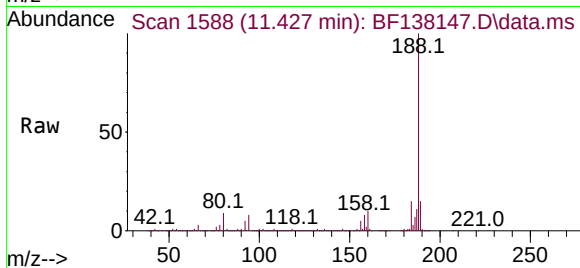
Tgt Ion:188 Resp: 1192631

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

80 8.7 7.7 11.5



#65

4,6-Dinitro-2-methylphenol

Concen: 8.785 ng

RT: 10.727 min Scan# 1469

Delta R.T. 0.194 min

Lab File: BF138147.D

Acq: 06 Jun 2024 22:14

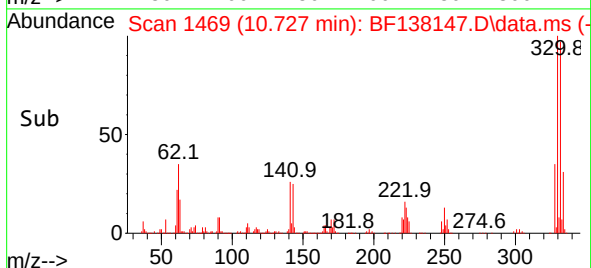
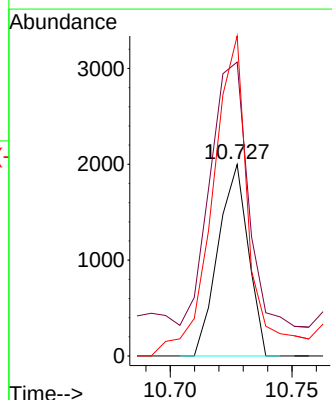
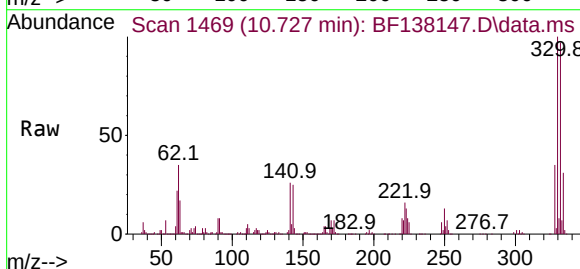
Tgt Ion:198 Resp: 1712

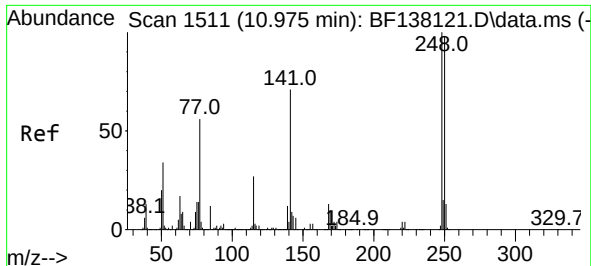
Ion Ratio Lower Upper

198 100

51 153.4 28.2 68.2#

105 167.0 26.8 66.8#

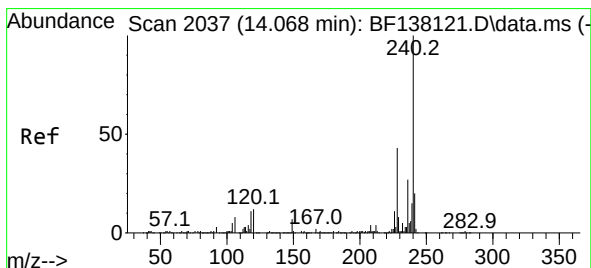
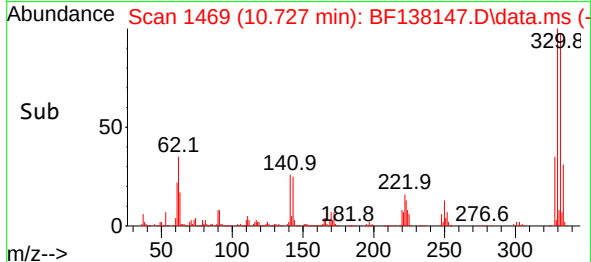
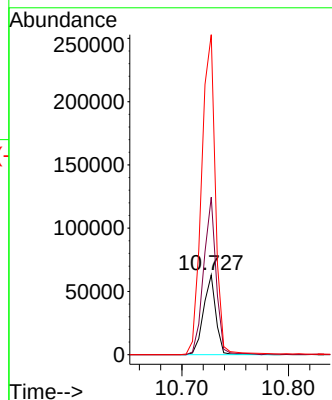
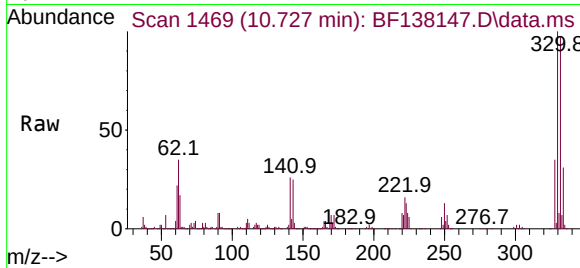




#67
4-Bromophenyl-phenylether
Concen: 3.774 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

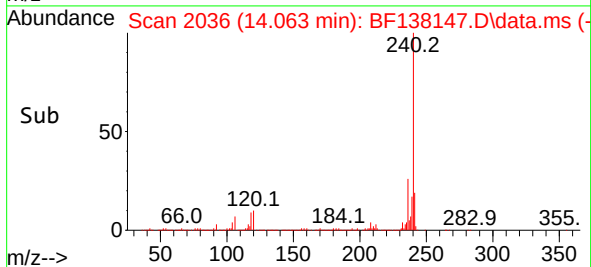
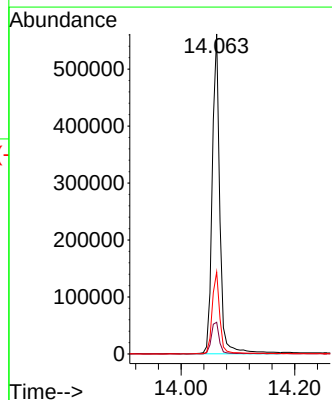
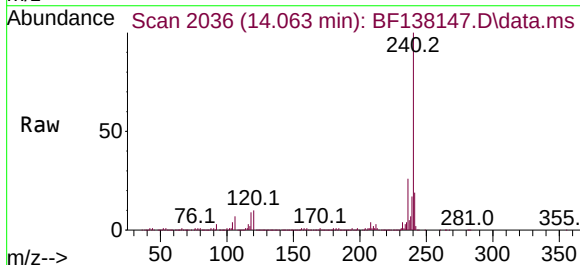
Instrument :
BNA_F
ClientSampleId :
MW-7

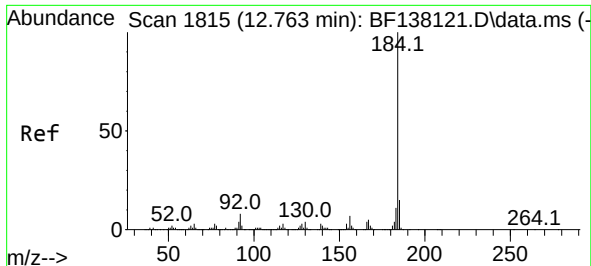
Tgt Ion:248 Resp: 51255
Ion Ratio Lower Upper
248 100
250 197.4 78.7 118.1#
141 401.3 56.5 84.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

Tgt Ion:240 Resp: 518297
Ion Ratio Lower Upper
240 100
120 9.9 9.8 14.8
236 25.6 21.2 31.8

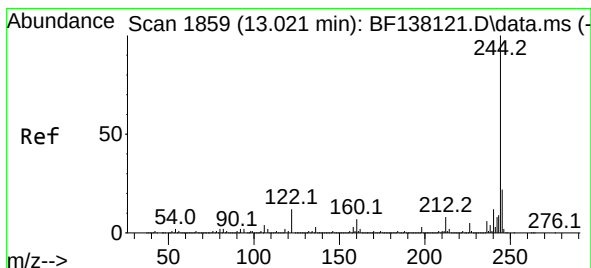
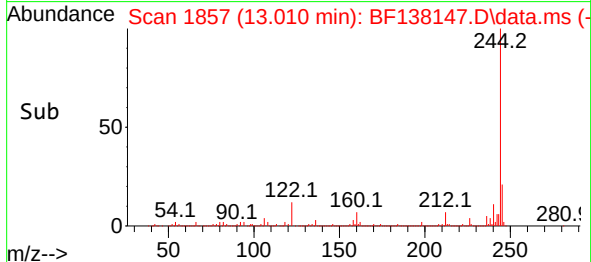
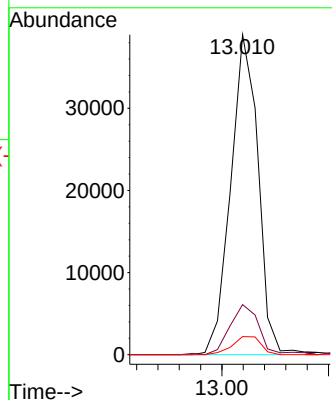
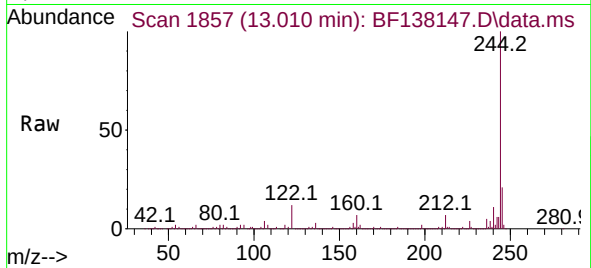




#77
Benzidine
Concen: 6.481 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.247 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

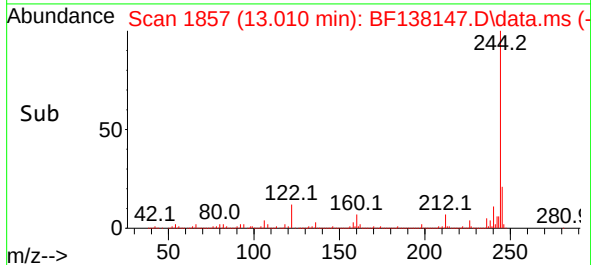
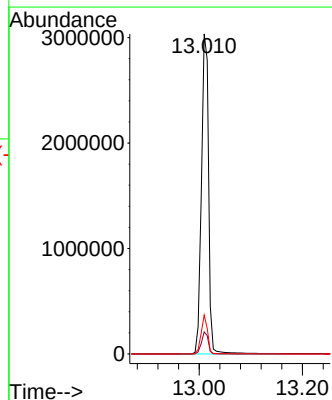
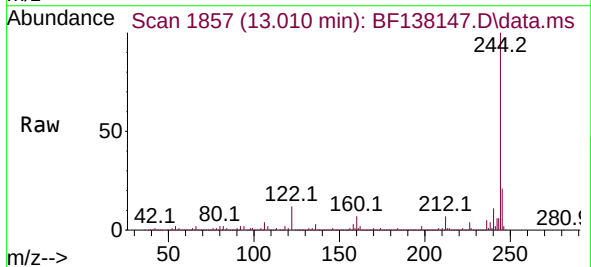
Instrument :
BNA_F
ClientSampleId :
MW-7

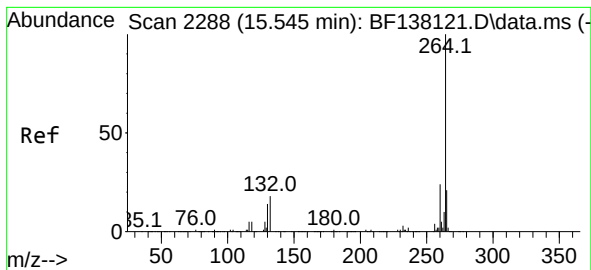
Tgt Ion:184 Resp: 34568
Ion Ratio Lower Upper
184 100
185 15.6 12.2 18.2
183 5.7 9.0 13.4#



#79
Terphenyl-d14
Concen: 83.964 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.012 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

Tgt Ion:244 Resp: 2909489
Ion Ratio Lower Upper
244 100
212 6.9 6.4 9.6
122 12.2 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: BF138147.D

Acq: 06 Jun 2024 22:14

Instrument :

BNA_F

ClientSampleId :

MW-7

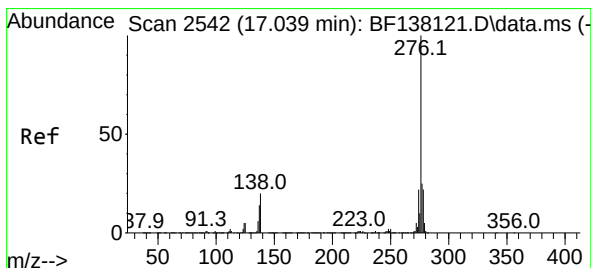
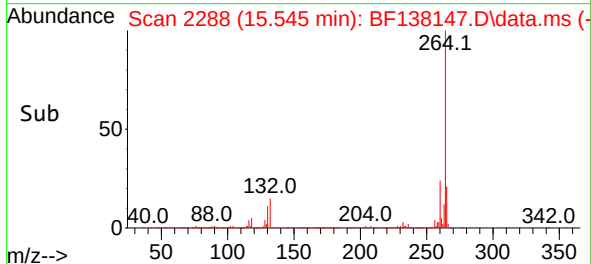
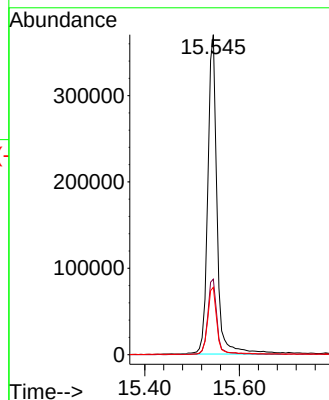
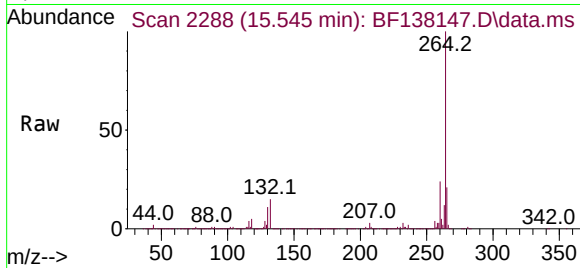
Tgt Ion:264 Resp: 500299

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.1 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.731 ng

RT: 16.998 min Scan# 2535

Delta R.T. -0.041 min

Lab File: BF138147.D

Acq: 06 Jun 2024 22:14

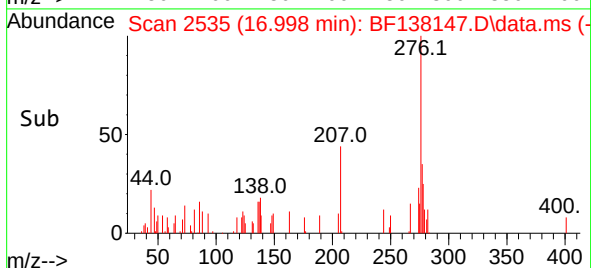
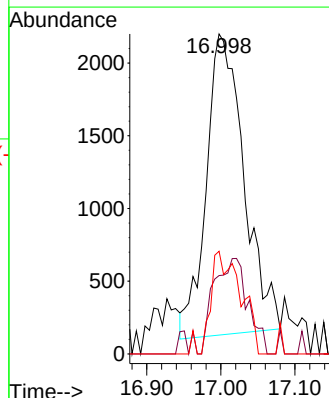
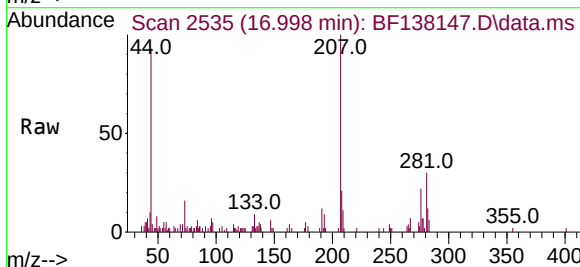
Tgt Ion:276 Resp: 7303

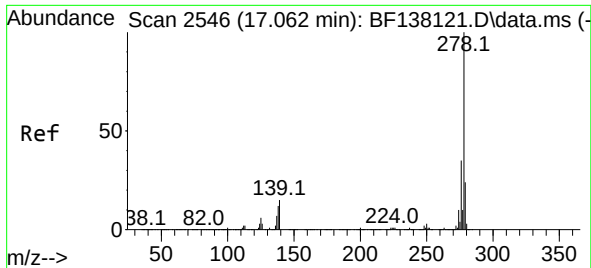
Ion Ratio Lower Upper

276 100

138 0.0 18.9 28.3#

277 26.7 20.3 30.5

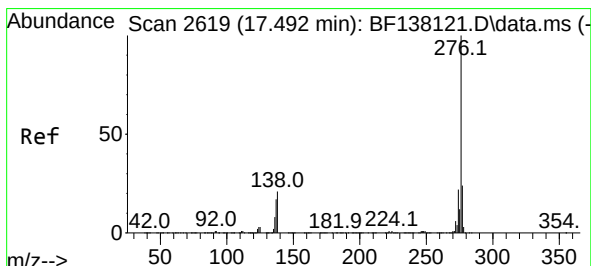
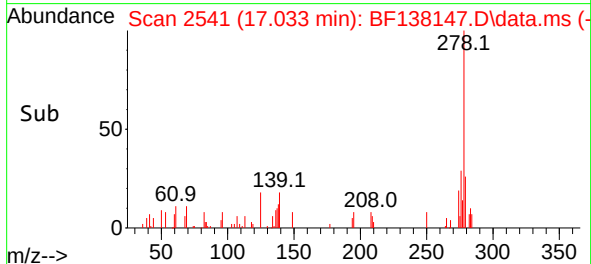
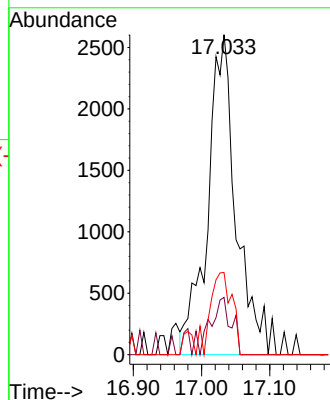
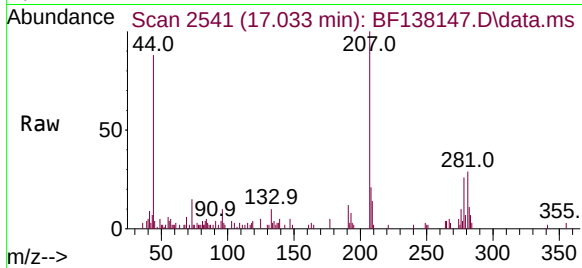




#91
Dibenzo(a,h)anthracene
Concen: 3.978 ng
RT: 17.033 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

Instrument :
BNA_F
ClientSampleId :
MW-7

Tgt Ion:278 Resp: 7610
Ion Ratio Lower Upper
278 100
139 17.9 11.7 17.5#
279 25.7 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 3.220 ng
RT: 17.445 min Scan# 2611
Delta R.T. -0.047 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

Tgt Ion:276 Resp: 5686
Ion Ratio Lower Upper
276 100
277 27.8 19.0 28.4
138 23.6 16.5 24.7

