

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
 Data File : BF138145.D
 Acq On : 06 Jun 2024 21:14
 Operator : CG\JU
 Sample : P2718-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Jun 07 03:18:44 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)

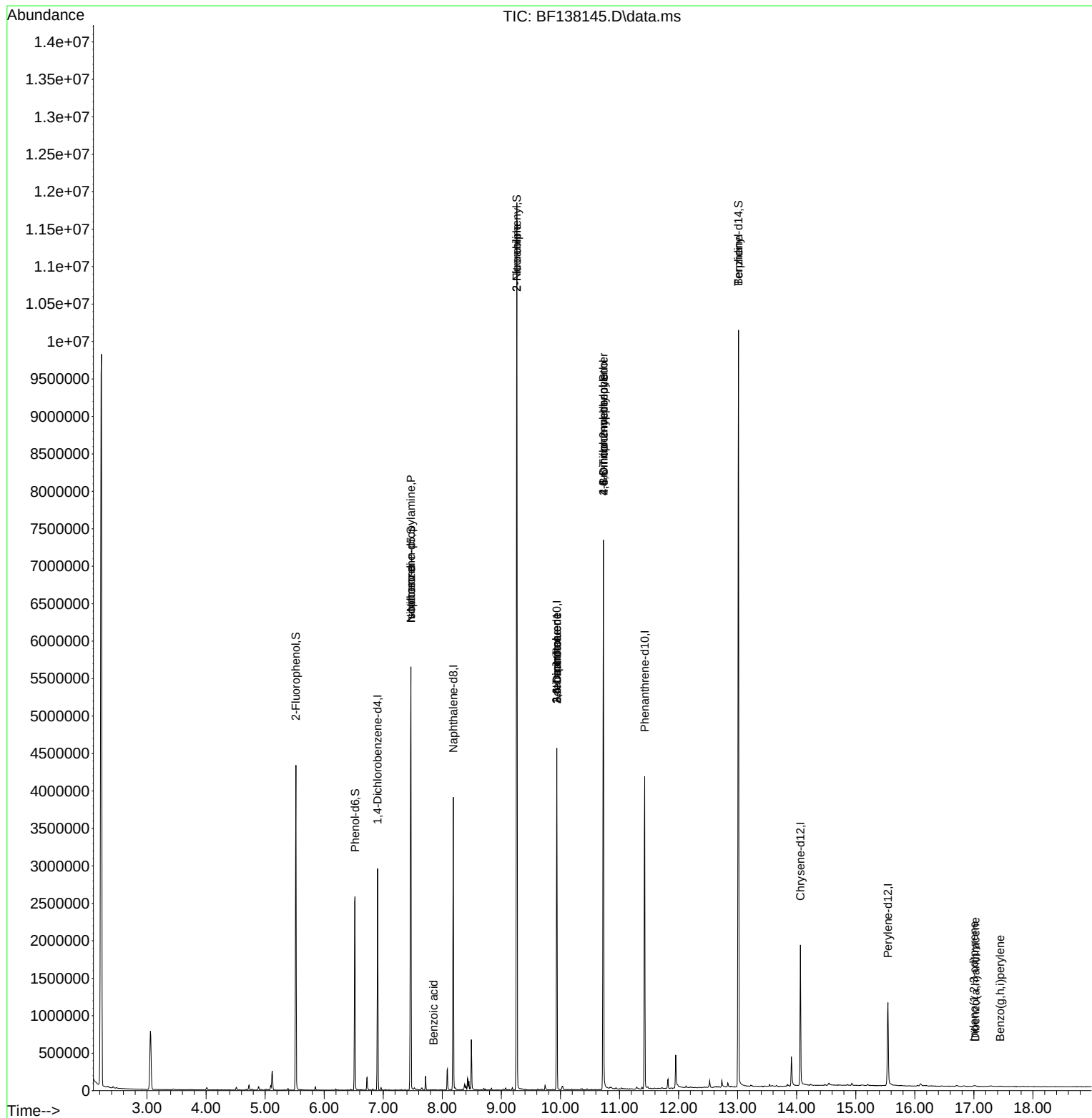
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	390332	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1509808	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	861470	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1466405	20.000	ng	0.00
76) Chrysene-d12	14.063	240	605852	20.000	ng	0.00
86) Perylene-d12	15.545	264	560520	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1111152	48.514	ng	0.00
7) Phenol-d6	6.522	99	857879	29.604	ng	-0.01
23) Nitrobenzene-d5	7.469	82	1782004	80.304	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	967796	116.735	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	3567778	72.416	ng	0.00
79) Terphenyl-d14	13.016	244	3544125	87.498	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.457	77	247	Below Cal	#	78
19) n-Nitroso-di-n-propyla...	7.469	70	240416	13.011	ng	# 78
25) Isophorone	7.469	82	1781983	36.451	ng	# 63
32) Benzoic acid	7.851	122	399	7.968	ng	# 78
48) 2-Nitroaniline	9.263	65	6206	5.263	ng	# 2
51) 2,6-Dinitrotoluene	9.939	165	114686	12.473	ng	# 25
53) 3-Nitroaniline	9.939	138	77	2.951	ng	# 1
57) 2,4-Dinitrotoluene	9.939	165	114687	11.338	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.727	198	2244	8.811	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	59935	3.590	ng	# 1
77) Benzidine	13.016	184	44171	7.085	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.004	276	9666	3.776	ng	# 92
91) Dibenzo(a,h)anthracene	17.027	278	9077	3.999	ng	96
92) Benzo(g,h,i)perylene	17.445	276	6750	3.234	ng	97

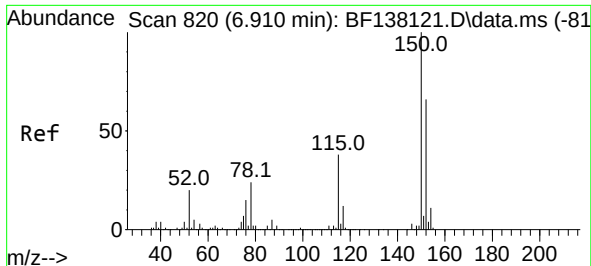
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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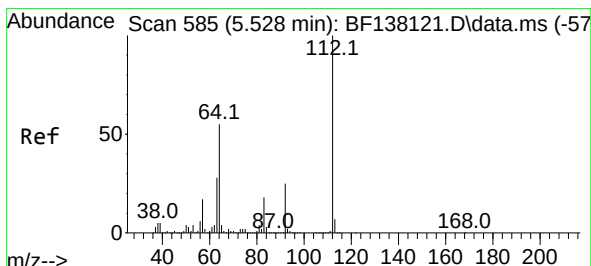
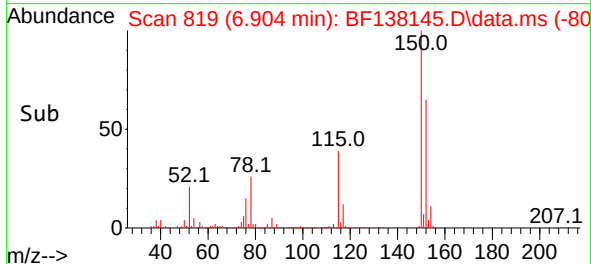
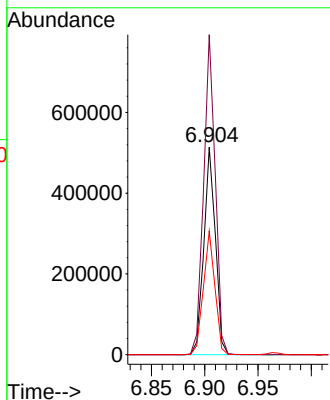
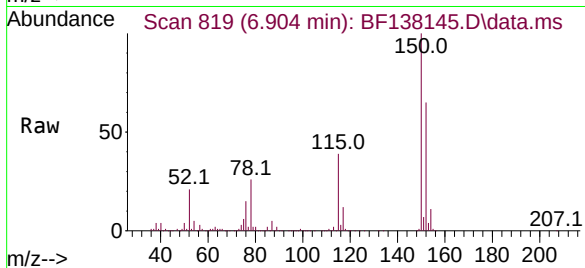




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

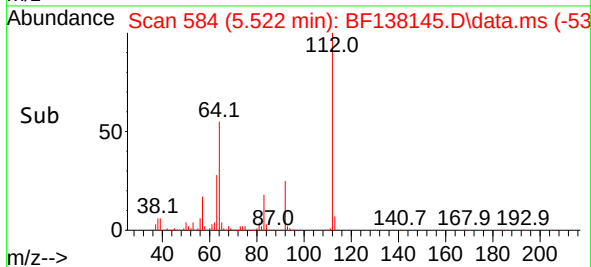
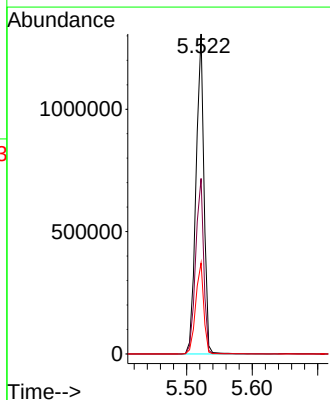
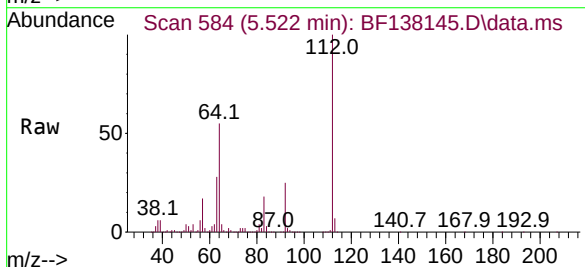
Instrument :
BNA_F
ClientSampleId :
MW-4

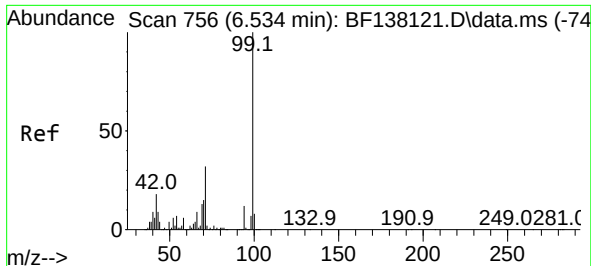
Tgt Ion:152 Resp: 390332
Ion Ratio Lower Upper
152 100
150 154.2 121.8 182.6
115 59.6 46.2 69.2



#5
2-Fluorophenol
Concen: 48.514 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.006 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

Tgt Ion:112 Resp: 1111152
Ion Ratio Lower Upper
112 100
64 54.9 44.0 66.0
63 28.4 22.1 33.1

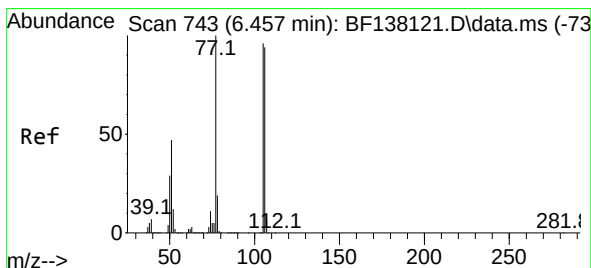
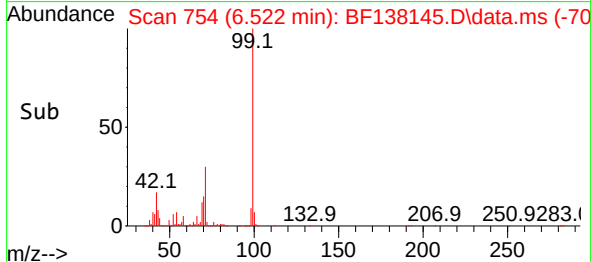
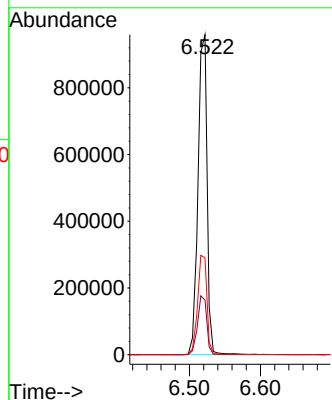
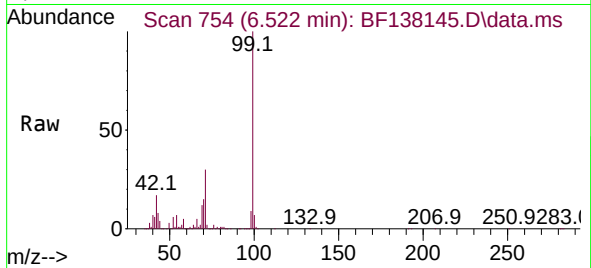




#7
Phenol-d6
Concen: 29.604 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

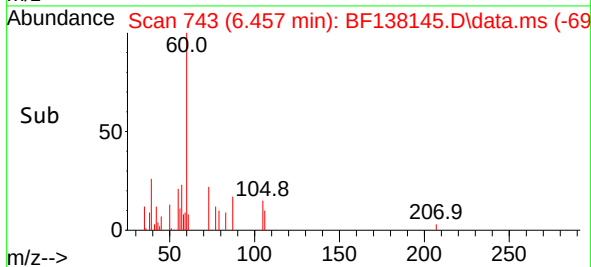
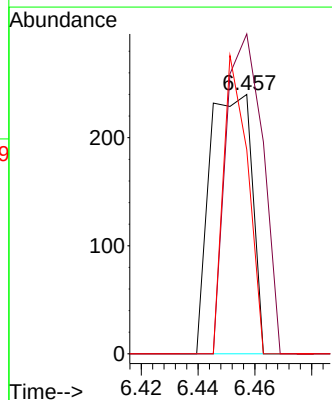
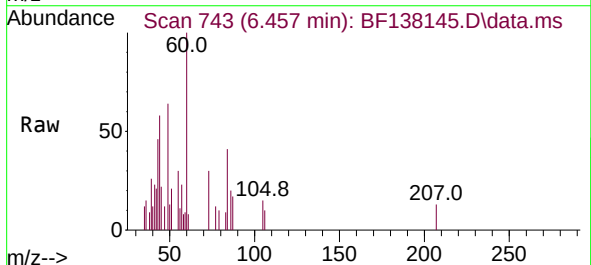
Instrument :
BNA_F
ClientSampleId :
MW-4

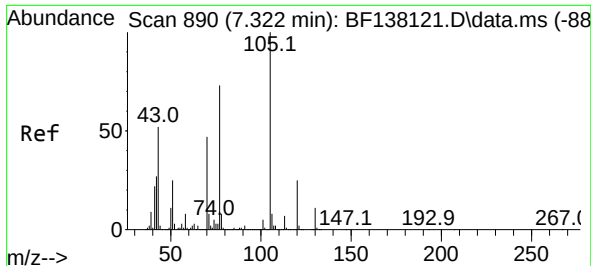
Tgt Ion: 99 Resp: 857879
Ion Ratio Lower Upper
99 100
42 17.0 14.4 21.6
71 30.3 25.5 38.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

Tgt Ion: 77 Resp: 247
Ion Ratio Lower Upper
77 100
105 123.3 75.8 115.8
106 78.8 73.9 113.9

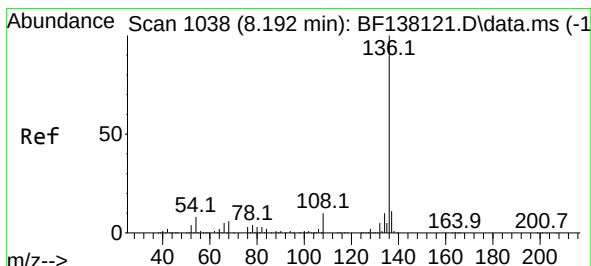
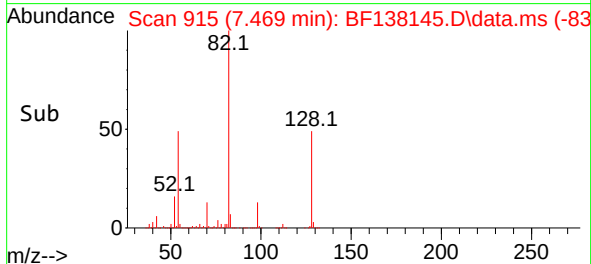
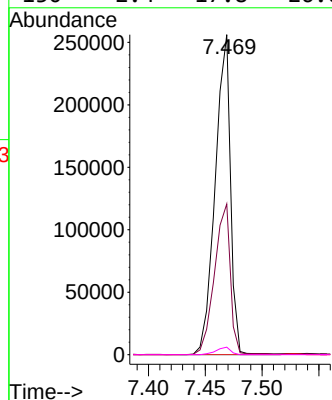
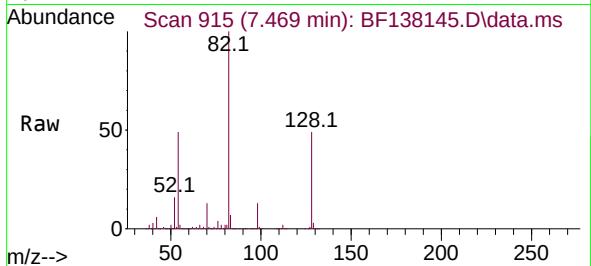




#19
n-Nitroso-di-n-propylamine
Concen: 13.011 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.147 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

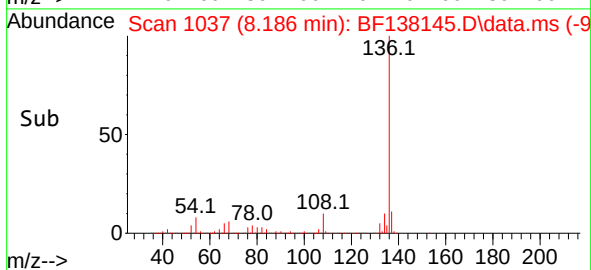
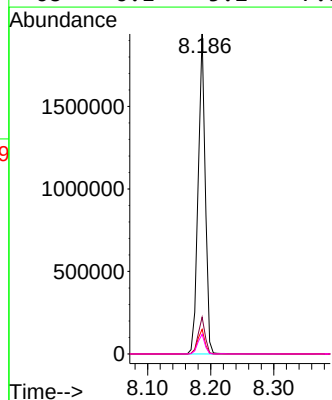
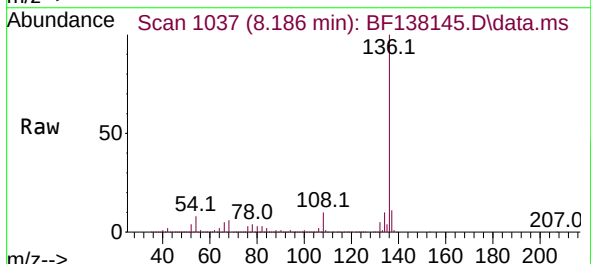
Instrument :
BNA_F
ClientSampleId :
MW-4

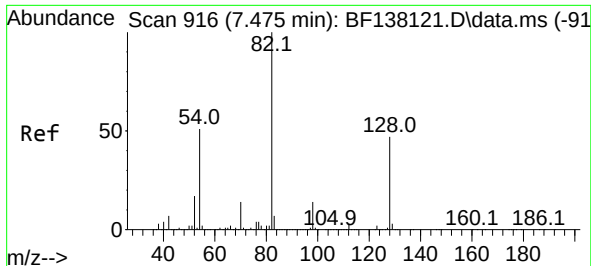
Tgt Ion: 70 Resp: 240416
Ion Ratio Lower Upper
70 100
42 47.1 46.3 69.5
101 0.0 7.7 11.5#
130 2.4 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

Tgt Ion:136 Resp: 1509808
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.7 6.2 9.2
68 6.1 5.2 7.8

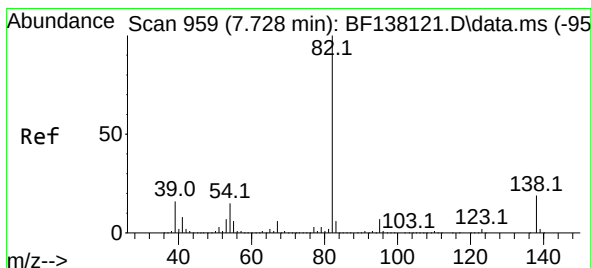
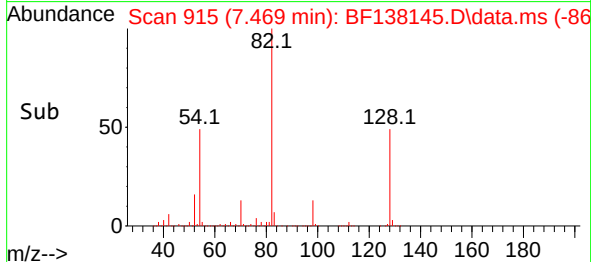
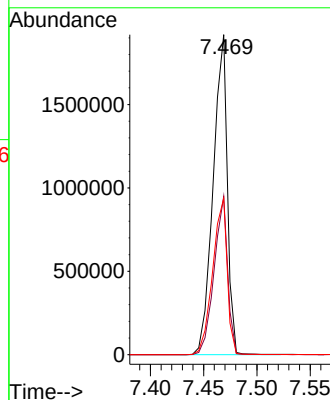
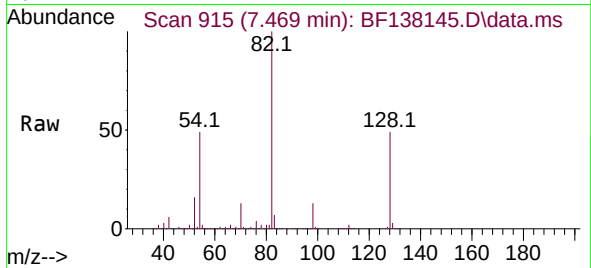




#23
Nitrobenzene-d5
Concen: 80.304 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

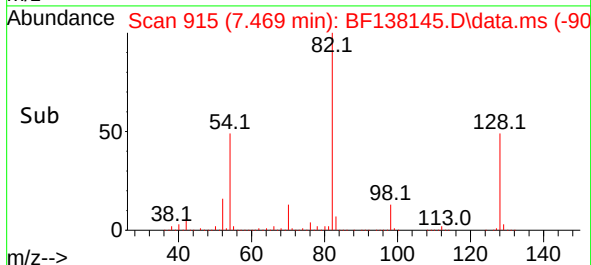
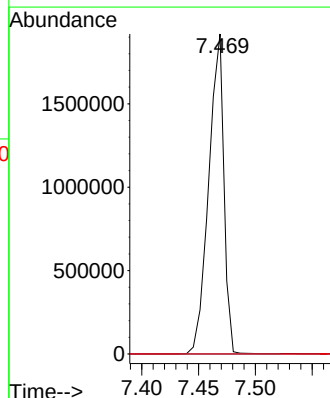
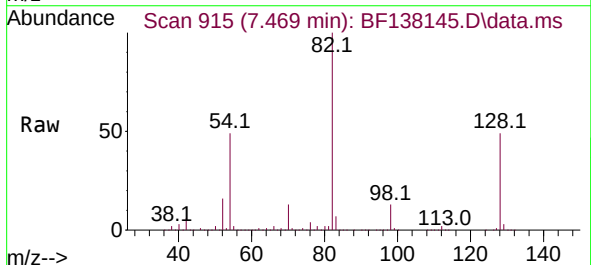
Instrument :
BNA_F
ClientSampleId :
MW-4

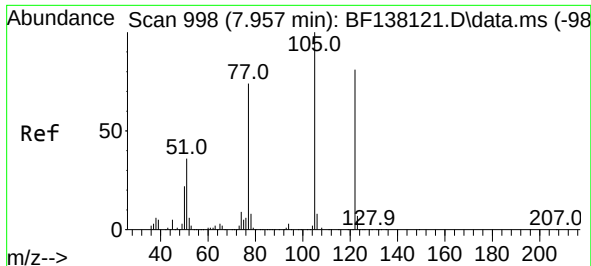
Tgt Ion: 82 Resp: 1782004
Ion Ratio Lower Upper
82 100
128 49.5 37.7 56.5
54 48.9 40.8 61.2



#25
Isophorone
Concen: 36.451 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.259 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

Tgt Ion: 82 Resp: 1781983
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.5 23.3#

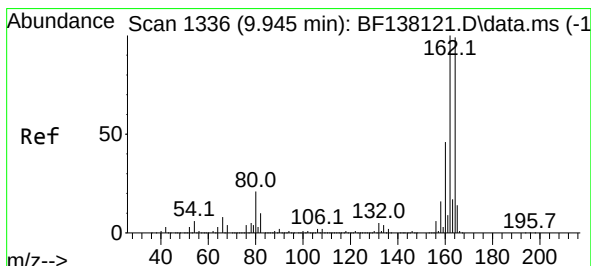
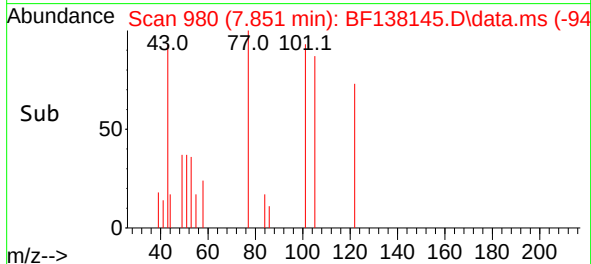
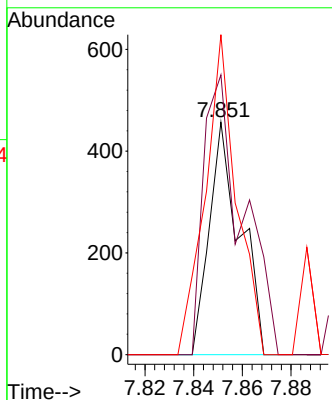
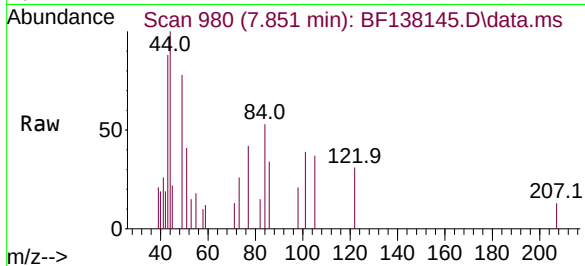




#32
Benzoic acid
Concen: 7.968 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.106 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

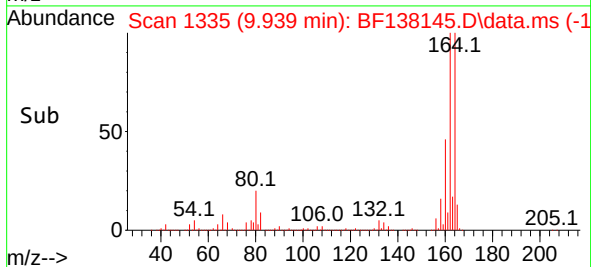
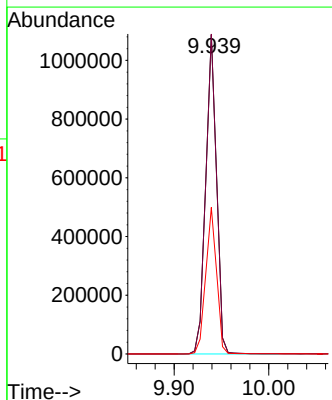
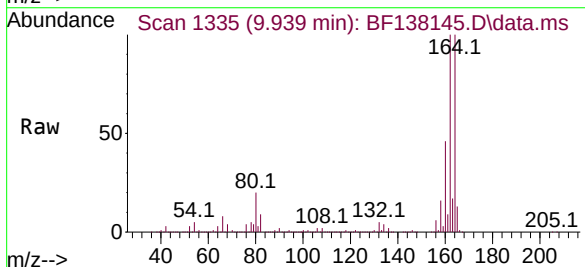
Instrument :
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ClientSampleId :
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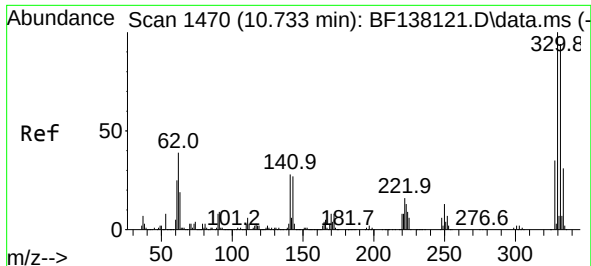
Tgt Ion:122 Resp: 399
Ion Ratio Lower Upper
122 100
105 120.4 102.8 142.8
77 137.6 71.2 111.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

Tgt Ion:164 Resp: 861470
Ion Ratio Lower Upper
164 100
162 100.2 80.9 121.3
160 45.9 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 116.735 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF138145.D

Acq: 06 Jun 2024 21:14

Instrument :

BNA_F

ClientSampleId :

MW-4

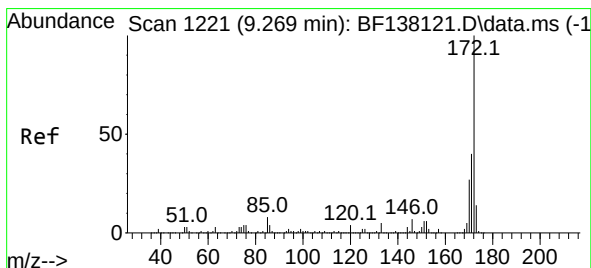
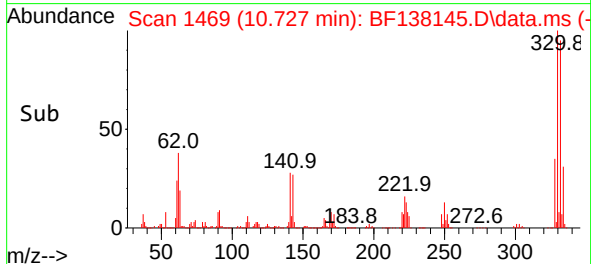
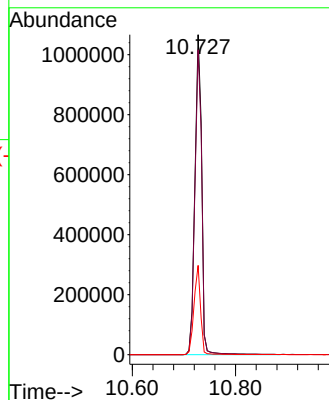
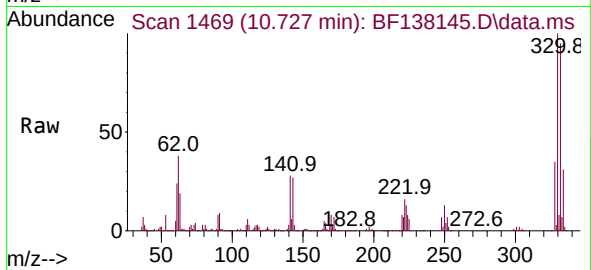
Tgt Ion:330 Resp: 967796

Ion Ratio Lower Upper

330 100

332 95.7 75.8 113.8

141 27.2 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 72.416 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138145.D

Acq: 06 Jun 2024 21:14

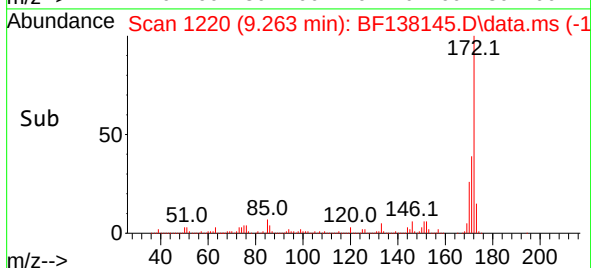
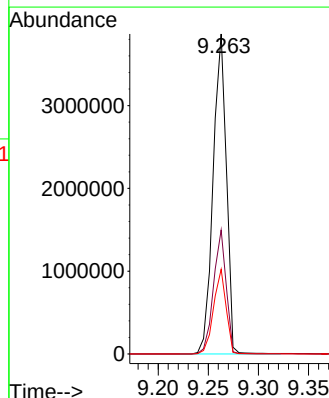
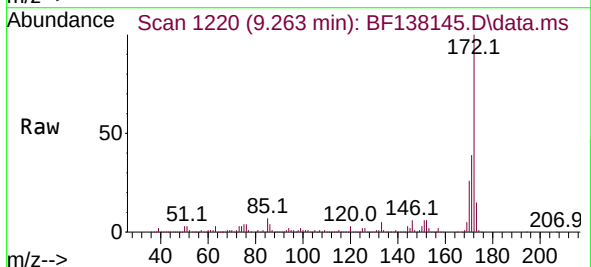
Tgt Ion:172 Resp: 3567778

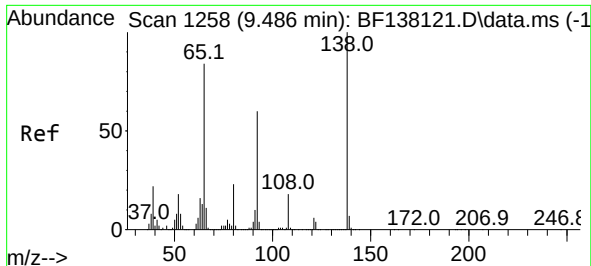
Ion Ratio Lower Upper

172 100

171 38.8 31.6 47.4

170 26.4 21.4 32.2

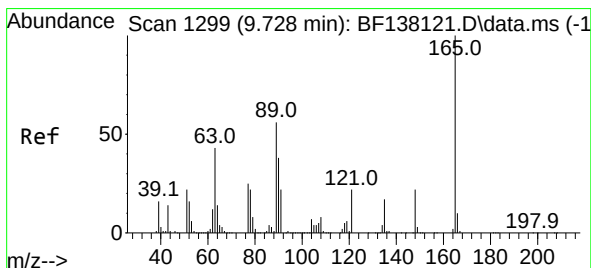
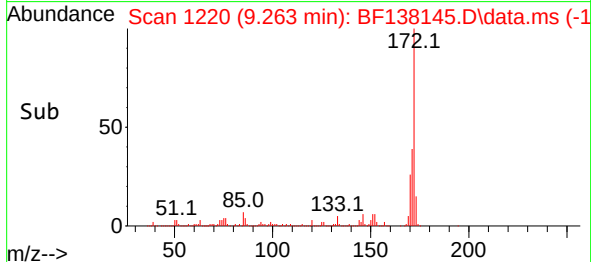
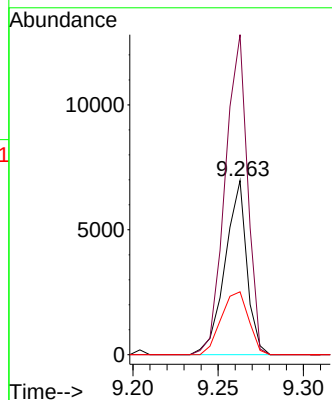
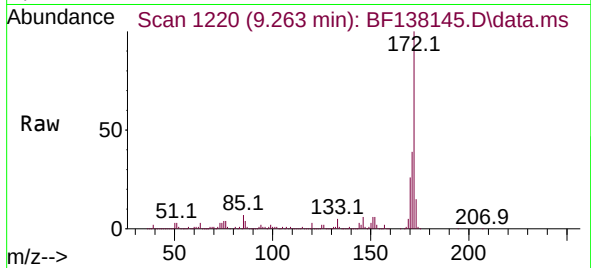




#48
2-Nitroaniline
Concen: 5.263 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.223 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

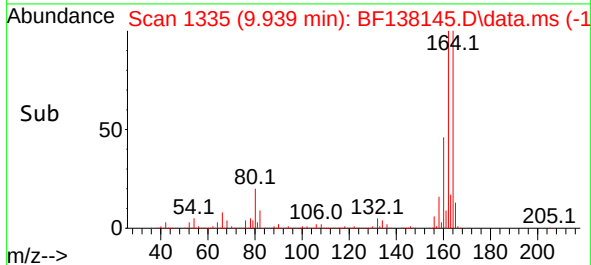
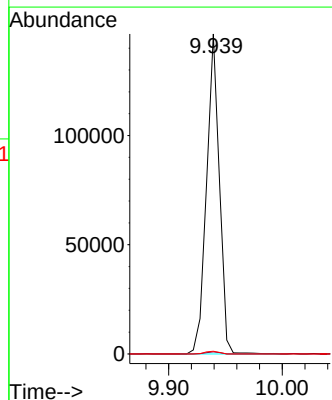
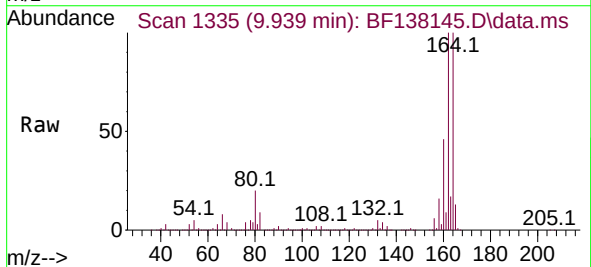
Instrument :
BNA_F
ClientSampleId :
MW-4

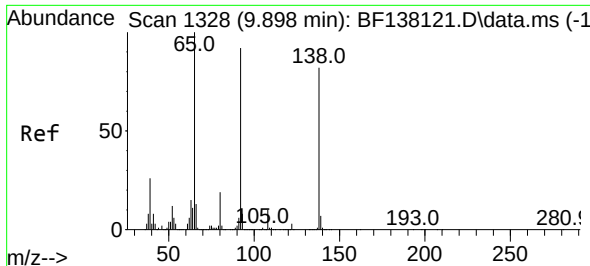
Tgt Ion: 65 Resp: 6206
Ion Ratio Lower Upper
65 100
92 183.9 57.3 85.9#
138 36.1 95.4 143.2#



#51
2,6-Dinitrotoluene
Concen: 12.473 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.211 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

Tgt Ion:165 Resp: 114686
Ion Ratio Lower Upper
165 100
63 0.6 42.9 64.3#
89 0.9 45.0 67.4#

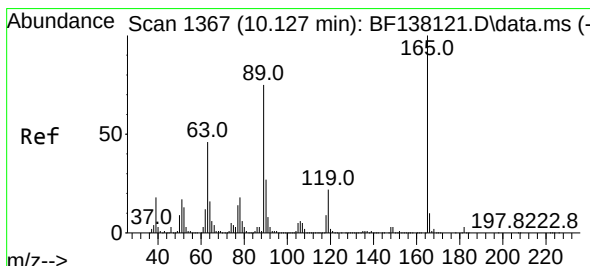
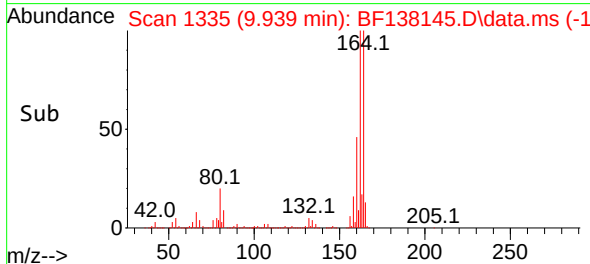
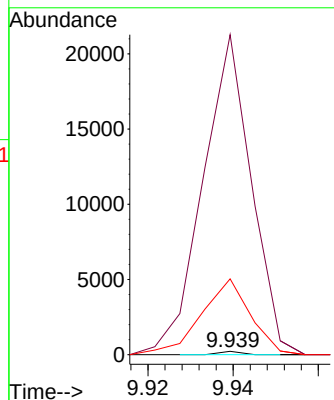
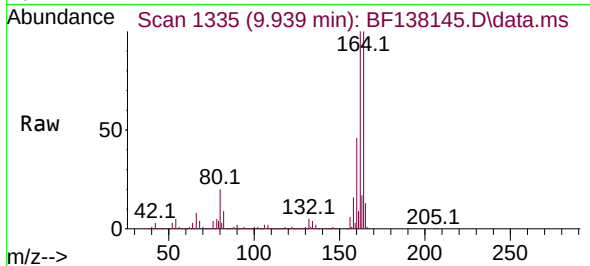




#53
3-Nitroaniline
Concen: 2.951 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

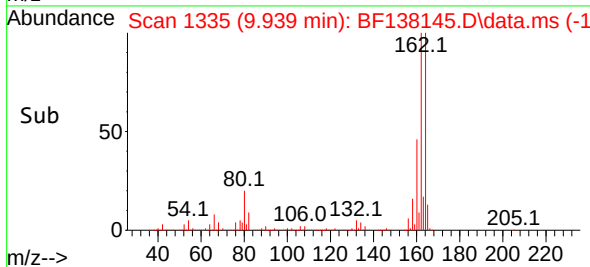
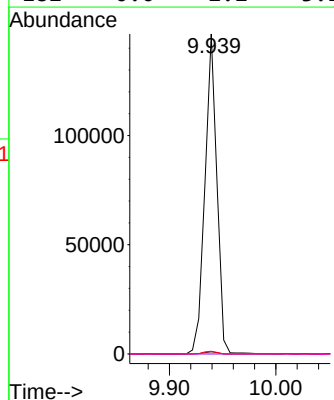
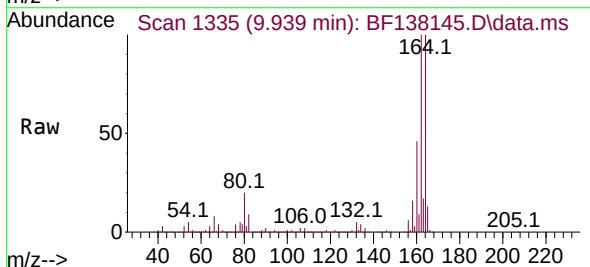
Instrument :
BNA_F
ClientSampleId :
MW-4

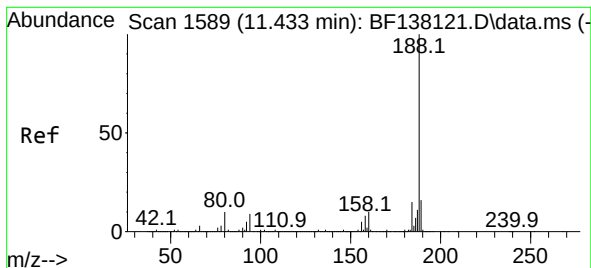
Tgt Ion:138 Resp: 77
Ion Ratio Lower Upper
138 100
108 9713.2 10.3 15.5#
92 2300.5 89.5 134.3#



#57
2,4-Dinitrotoluene
Concen: 11.338 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

Tgt Ion:165 Resp: 114687
Ion Ratio Lower Upper
165 100
63 0.6 36.8 55.2#
89 0.9 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: BF138145.D

Acq: 06 Jun 2024 21:14

Instrument :

BNA_F

ClientSampleId :

MW-4

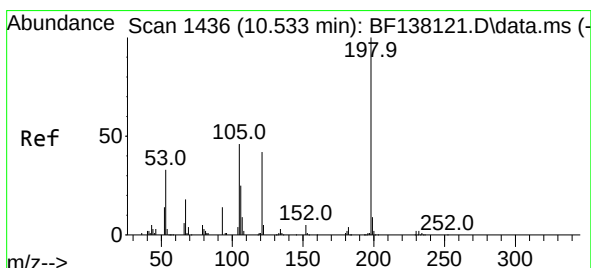
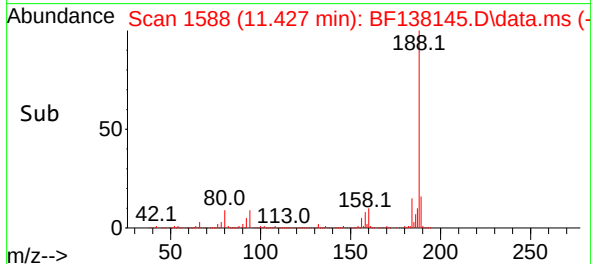
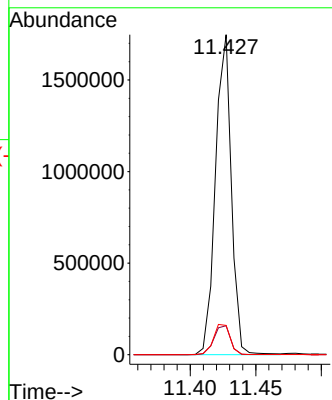
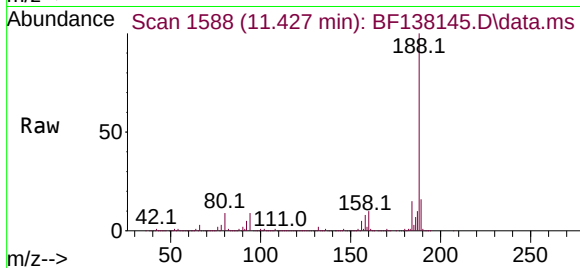
Tgt Ion:188 Resp: 1466405

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.2 7.7 11.5



#65

4,6-Dinitro-2-methylphenol

Concen: 8.811 ng

RT: 10.727 min Scan# 1469

Delta R.T. 0.194 min

Lab File: BF138145.D

Acq: 06 Jun 2024 21:14

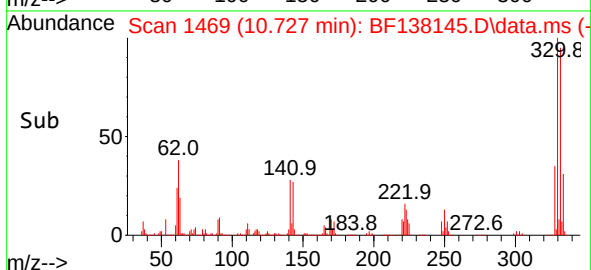
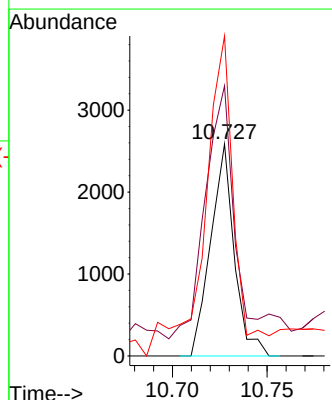
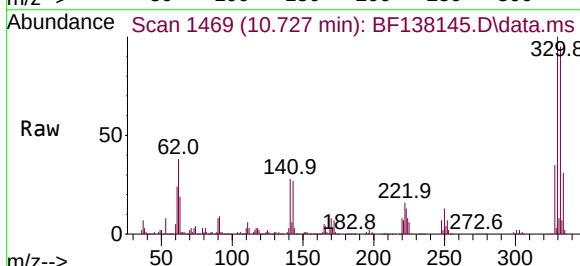
Tgt Ion:198 Resp: 2244

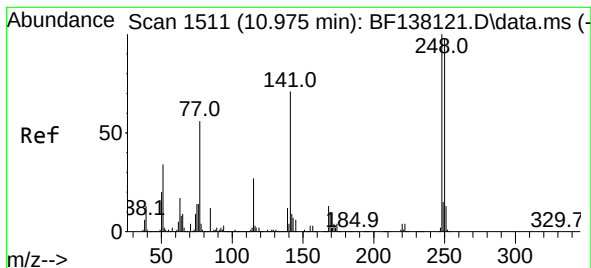
Ion Ratio Lower Upper

198 100

51 127.3 28.2 68.2#

105 150.9 26.8 66.8#

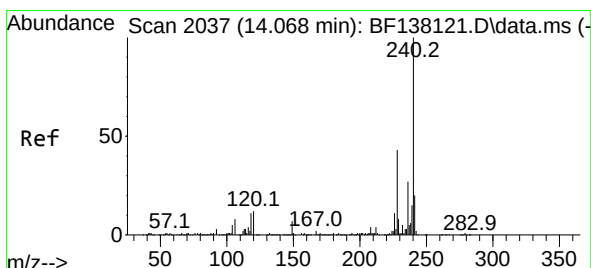
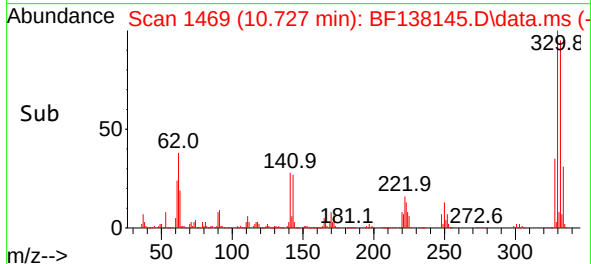
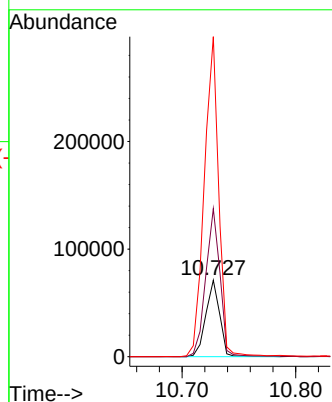
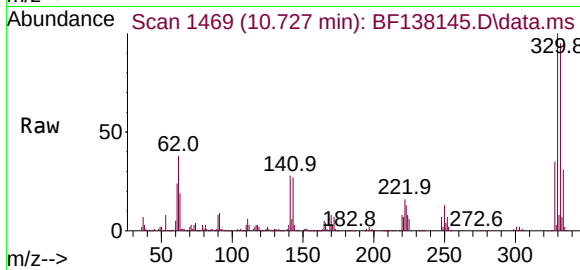




#67
4-Bromophenyl-phenylether
Concen: 3.590 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

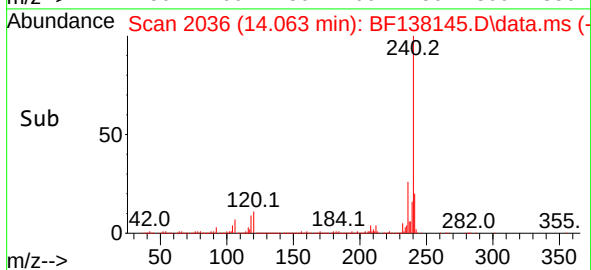
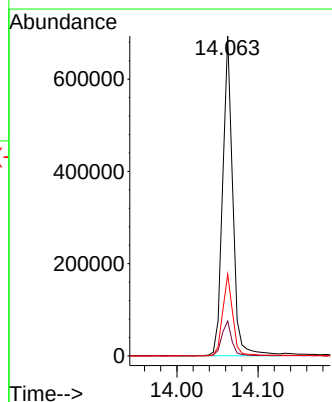
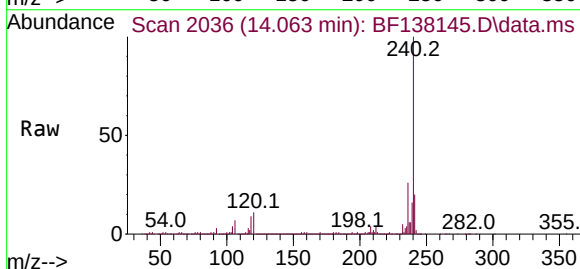
Instrument :
BNA_F
ClientSampleId :
MW-4

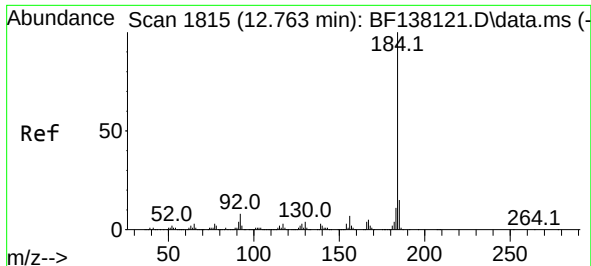
Tgt Ion:248 Resp: 59935
Ion Ratio Lower Upper
248 100
250 193.7 78.7 118.1#
141 418.6 56.5 84.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

Tgt Ion:240 Resp: 605852
Ion Ratio Lower Upper
240 100
120 11.0 9.8 14.8
236 25.5 21.2 31.8

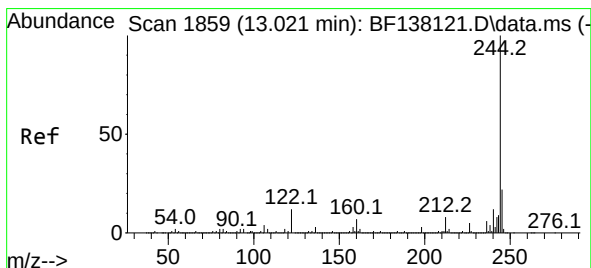
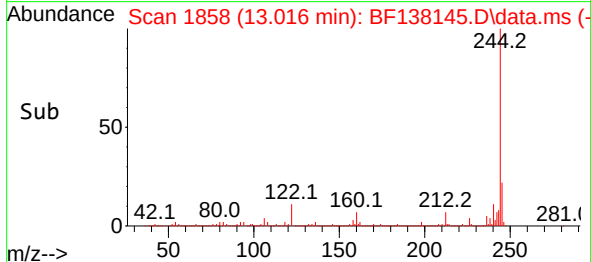
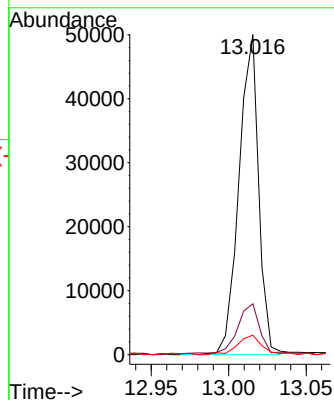
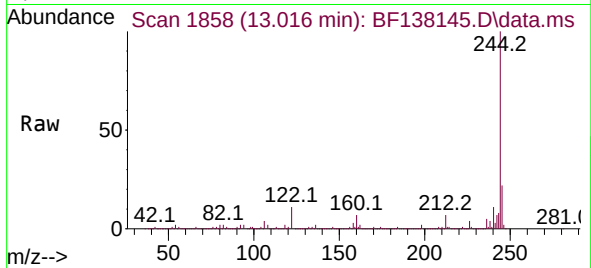




#77
Benzidine
Concen: 7.085 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.253 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

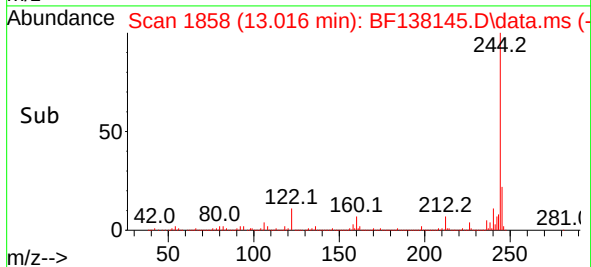
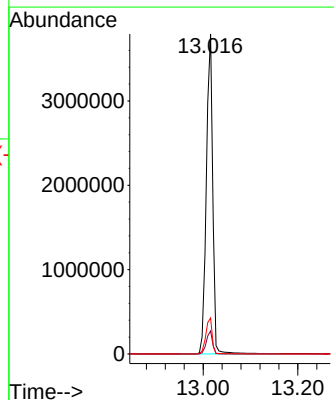
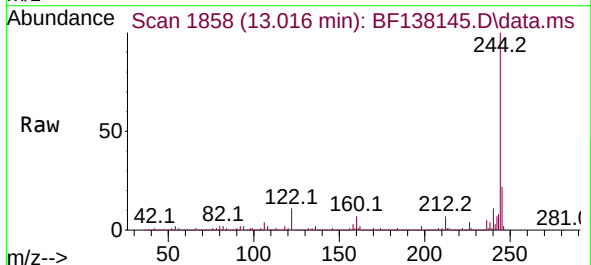
Instrument :
BNA_F
ClientSampleId :
MW-4

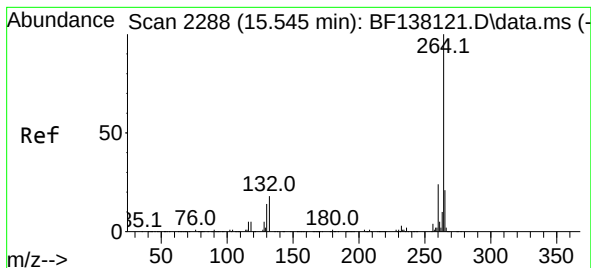
Tgt Ion:184 Resp: 44171
Ion Ratio Lower Upper
184 100
185 15.9 12.2 18.2
183 6.1 9.0 13.4#



#79
Terphenyl-d14
Concen: 87.498 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

Tgt Ion:244 Resp: 3544125
Ion Ratio Lower Upper
244 100
212 7.2 6.4 9.6
122 11.3 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: BF138145.D

Acq: 06 Jun 2024 21:14

Instrument :

BNA_F

ClientSampleId :

MW-4

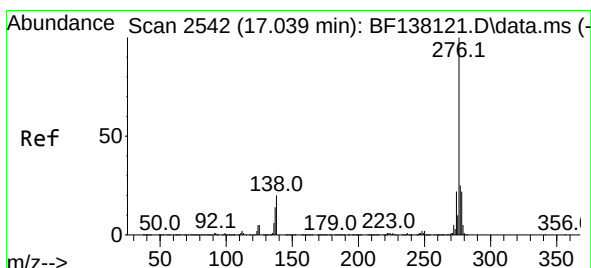
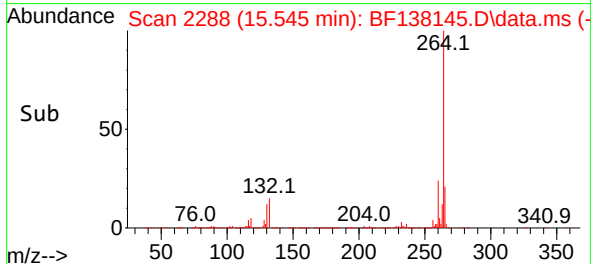
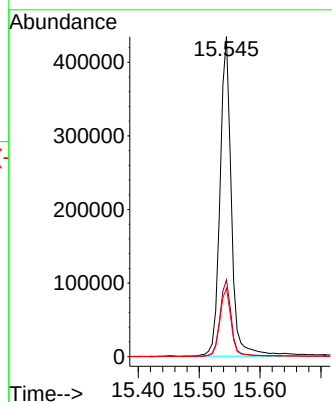
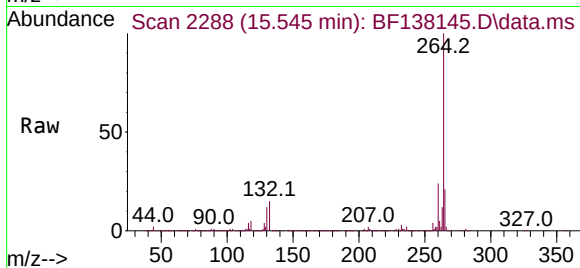
Tgt Ion:264 Resp: 560520

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.4 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.776 ng

RT: 17.004 min Scan# 2536

Delta R.T. -0.035 min

Lab File: BF138145.D

Acq: 06 Jun 2024 21:14

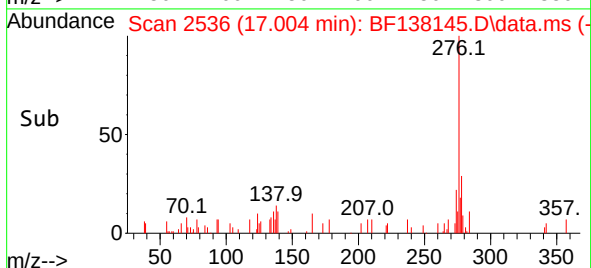
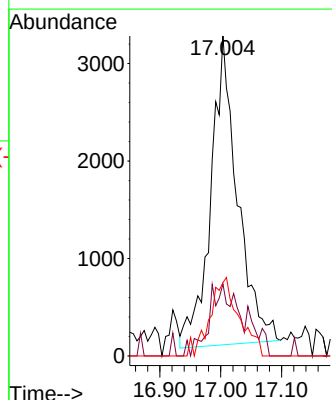
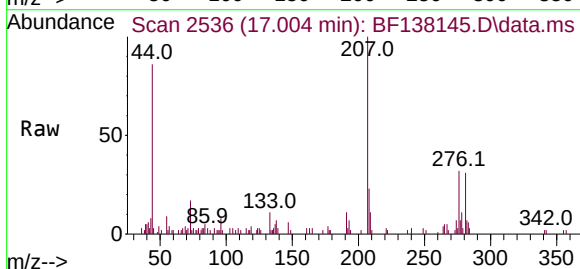
Tgt Ion:276 Resp: 9666

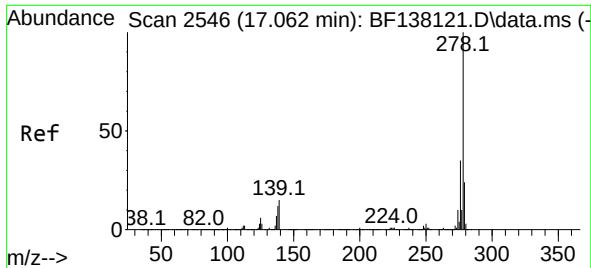
Ion Ratio Lower Upper

276 100

138 17.2 18.9 28.3#

277 27.5 20.3 30.5

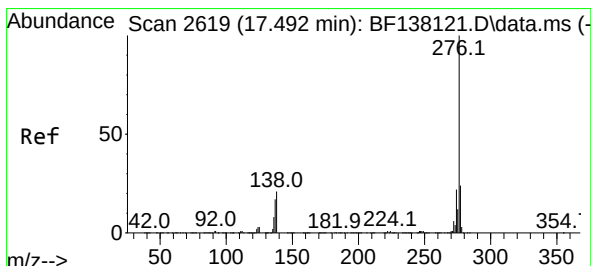
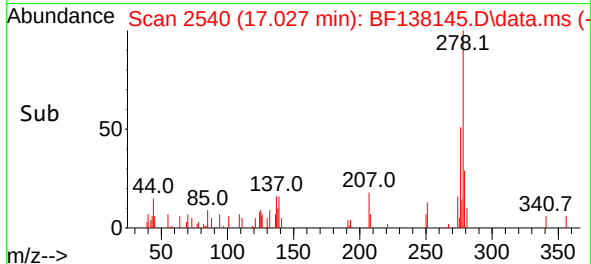
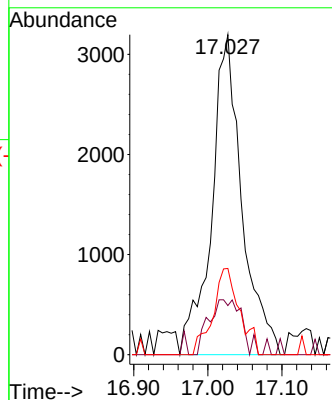
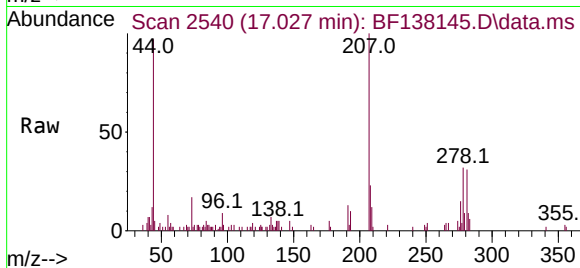




#91
Dibenzo(a,h)anthracene
Concen: 3.999 ng
RT: 17.027 min Scan# 2540
Delta R.T. -0.035 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 278 Resp: 9077
Ion Ratio Lower Upper
278 100
139 15.4 11.7 17.5
279 26.9 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 3.234 ng
RT: 17.445 min Scan# 2611
Delta R.T. -0.047 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

Tgt Ion: 276 Resp: 6750
Ion Ratio Lower Upper
276 100
277 25.3 19.0 28.4
138 21.4 16.5 24.7

