

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
 Data File : BF138142.D
 Acq On : 06 Jun 2024 19:45
 Operator : CG\JU
 Sample : P2717-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1

Quant Time: Jun 07 03:16:50 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)

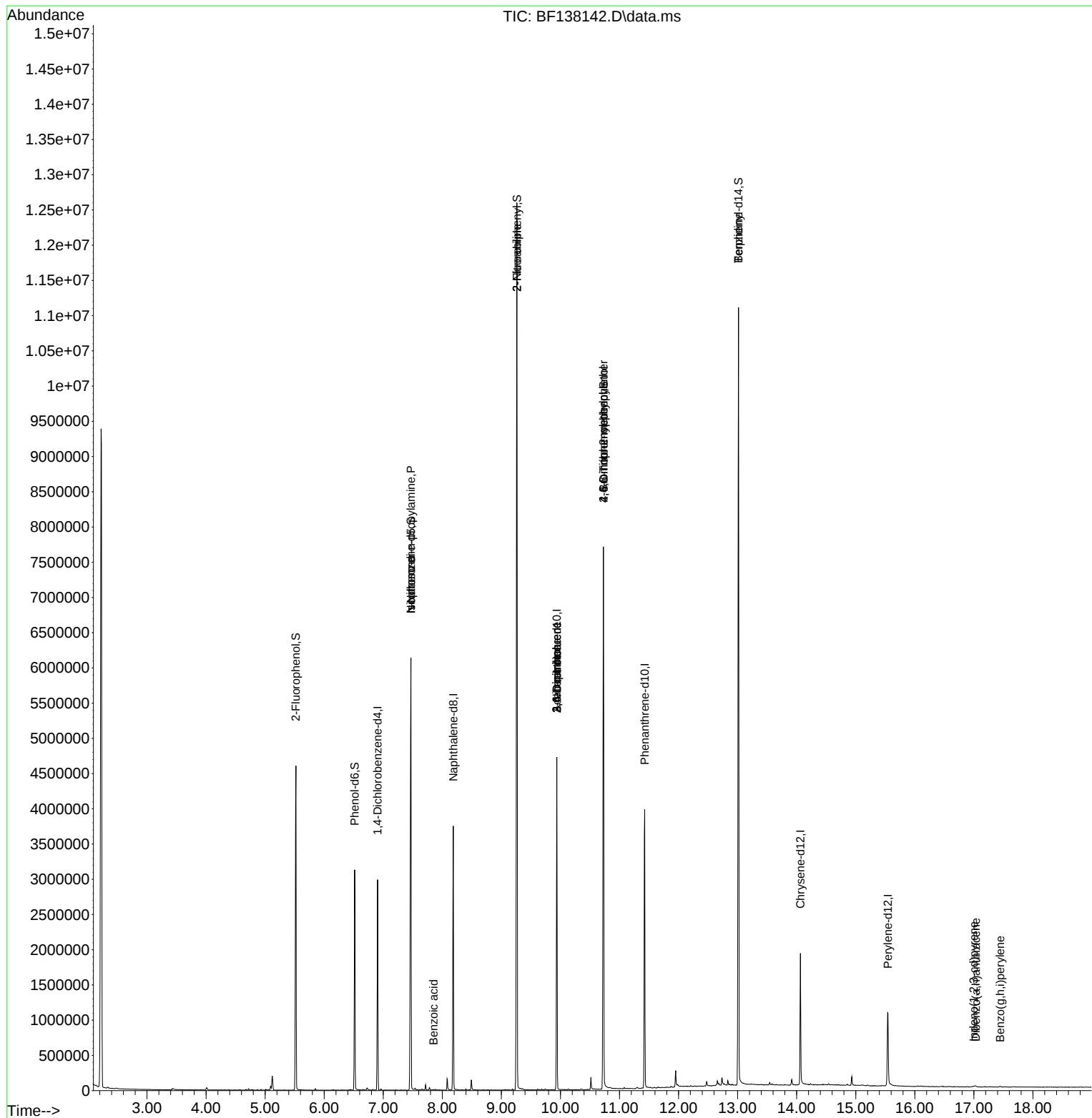
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	391345	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1512153	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	860582	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1452158	20.000	ng	0.00
76) Chrysene-d12	14.063	240	605755	20.000	ng	0.00
86) Perylene-d12	15.545	264	554885	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1261523	54.937	ng	0.00
7) Phenol-d6	6.516	99	1003043	34.524	ng	-0.02
23) Nitrobenzene-d5	7.469	82	2042512	91.900	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	1091390	131.779	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	4032585	81.934	ng	0.00
79) Terphenyl-d14	13.016	244	4058735	100.218	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.451	77	540	Below Cal	#	76
19) n-Nitroso-di-n-propyla...	7.469	70	277992	15.006	ng	# 77
25) Isophorone	7.469	82	2041490	41.694	ng	# 63
32) Benzoic acid	7.851	122	1167	8.033	ng	# 87
48) 2-Nitroaniline	9.263	65	6696	5.300	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	114250	12.448	ng	# 25
53) 3-Nitroaniline	9.939	138	185	2.959	ng	# 1
57) 2,4-Dinitrotoluene	9.939	165	114250	11.317	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.727	198	2701	8.903	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	67038	4.054	ng	# 1
77) Benzidine	13.016	184	50880	8.162	ng	# 94
87) Indeno(1,2,3-cd)pyrene	16.998	276	13387	3.894	ng	# 89
91) Dibenzo(a,h)anthracene	17.033	278	13239	4.161	ng	# 93
92) Benzo(g,h,i)perylene	17.445	276	9403	3.336	ng	# 98

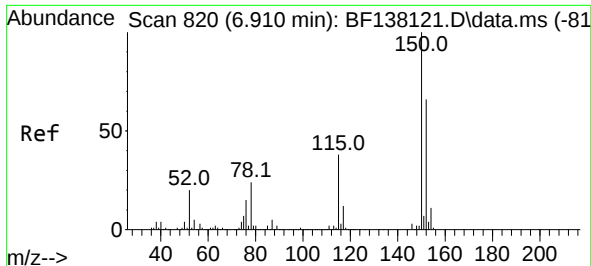
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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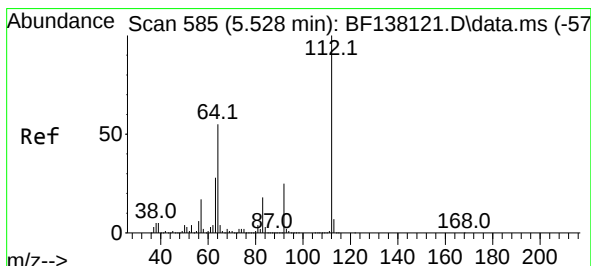
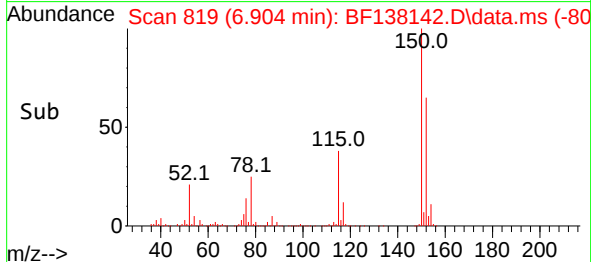
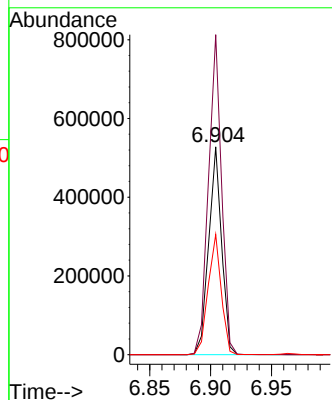
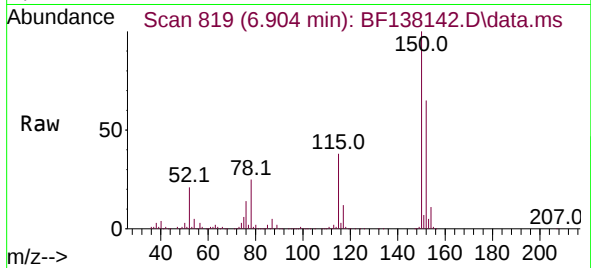




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138142.D
Acq: 06 Jun 2024 19:45

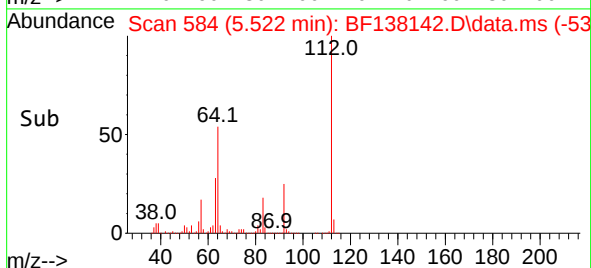
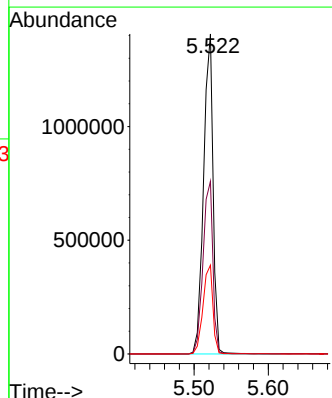
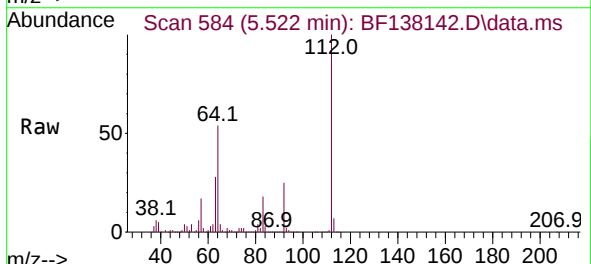
Instrument :
BNA_F
ClientSampleId :
PMW-1

Tgt Ion:152 Resp: 391345
Ion Ratio Lower Upper
152 100
150 154.0 121.8 182.6
115 57.8 46.2 69.2



#5
2-Fluorophenol
Concen: 54.937 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.006 min
Lab File: BF138142.D
Acq: 06 Jun 2024 19:45

Tgt Ion:112 Resp: 1261523
Ion Ratio Lower Upper
112 100
64 53.9 44.0 66.0
63 27.7 22.1 33.1

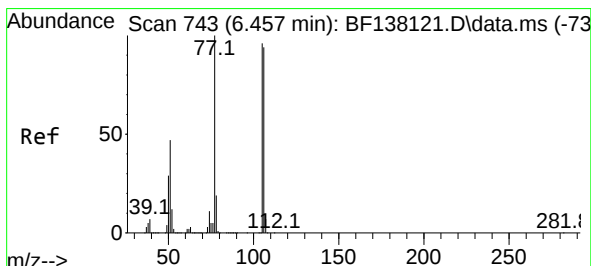
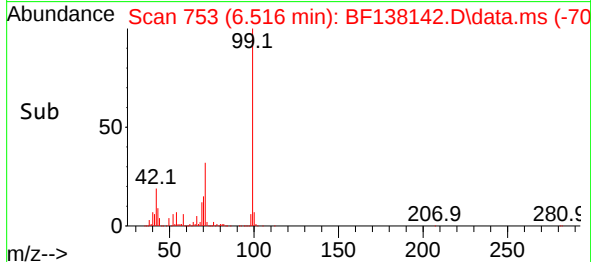
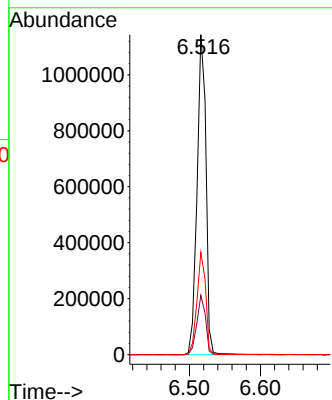
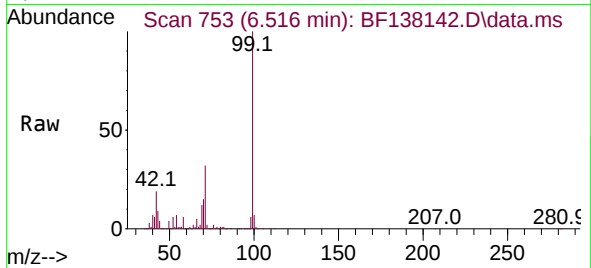




#7
Phenol-d6
Concen: 34.524 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138142.D
Acq: 06 Jun 2024 19:45

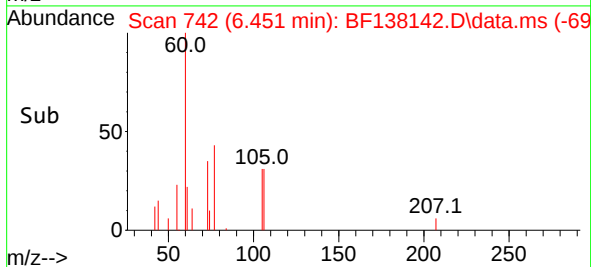
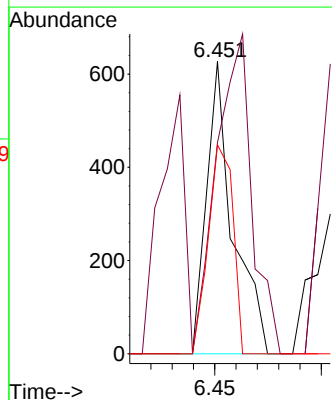
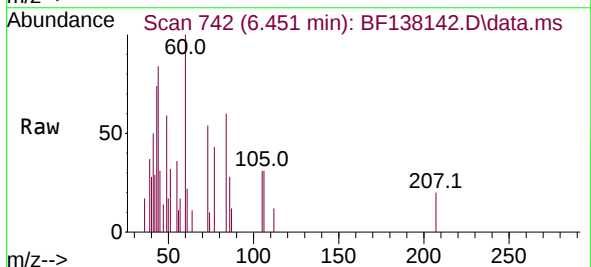
Instrument :
BNA_F
ClientSampleId :
PMW-1

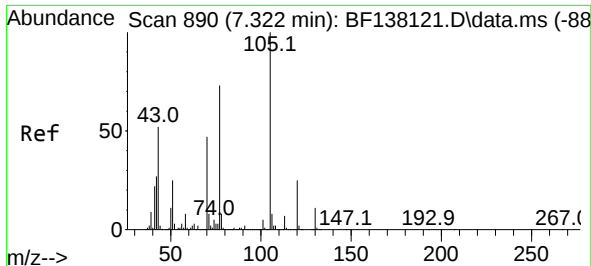
Tgt Ion: 99 Resp: 1003043
Ion Ratio Lower Upper
99 100
42 18.5 14.4 21.6
71 32.0 25.5 38.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF138142.D
Acq: 06 Jun 2024 19:45

Tgt Ion: 77 Resp: 540
Ion Ratio Lower Upper
77 100
105 72.2 75.8 115.8#
106 71.5 73.9 113.9#

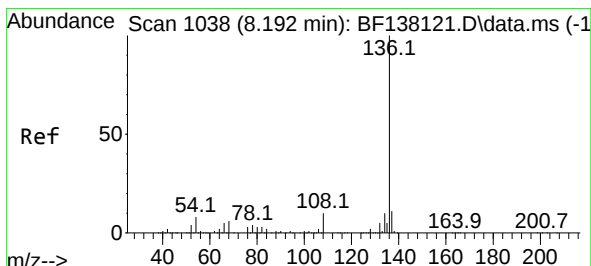
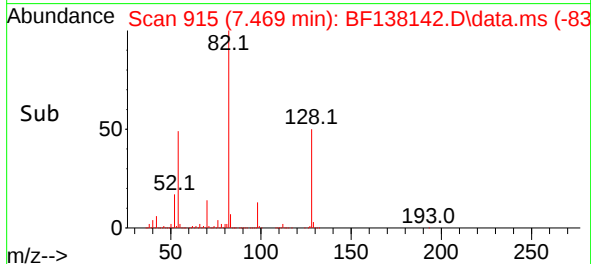
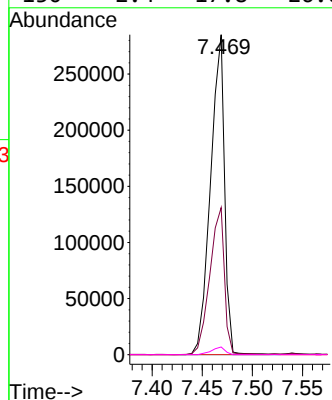
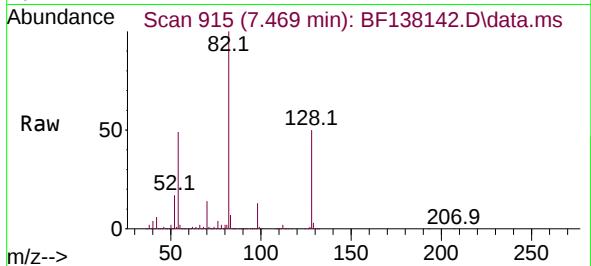




#19
n-Nitroso-di-n-propylamine
Concen: 15.006 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.147 min
Lab File: BF138142.D
Acq: 06 Jun 2024 19:45

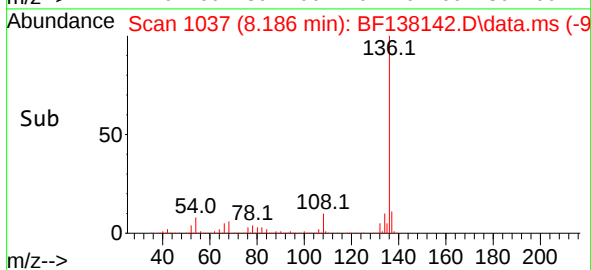
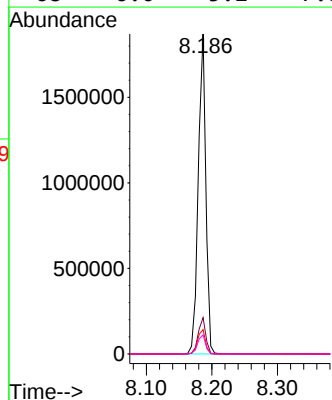
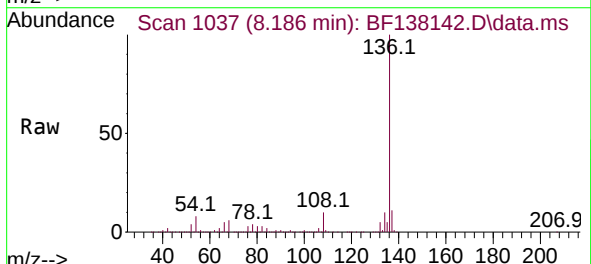
Instrument :
BNA_F
ClientSampleId :
PMW-1

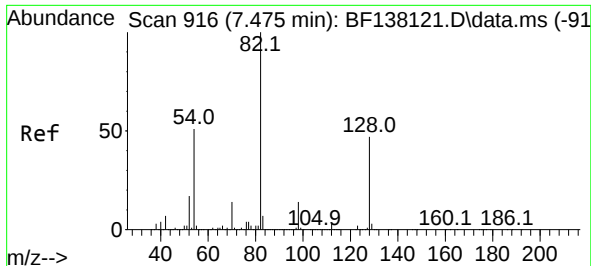
Tgt Ion: 70 Resp: 277992
Ion Ratio Lower Upper
70 100
42 46.0 46.3 69.5#
101 0.0 7.7 11.5#
130 2.4 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138142.D
Acq: 06 Jun 2024 19:45

Tgt Ion: 136 Resp: 1512153
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.6 6.2 9.2
68 6.0 5.2 7.8

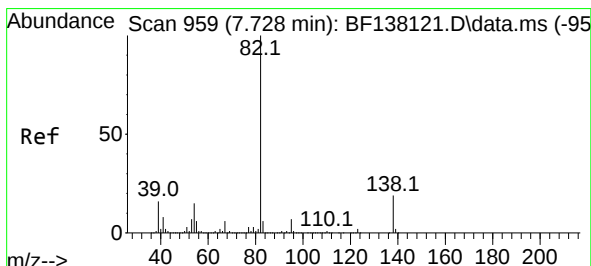
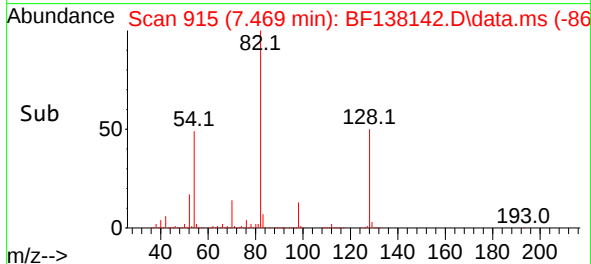
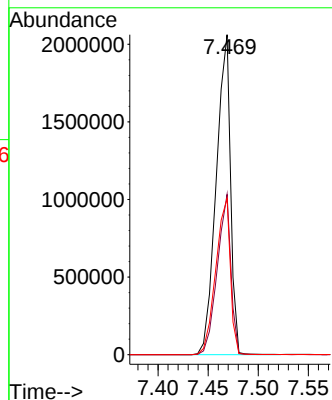
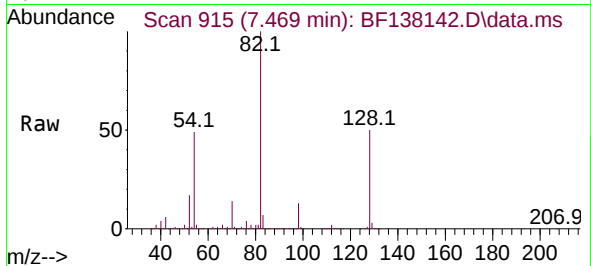




#23
Nitrobenzene-d5
Concen: 91.900 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF138142.D
Acq: 06 Jun 2024 19:45

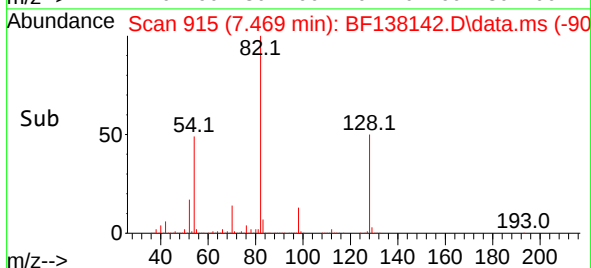
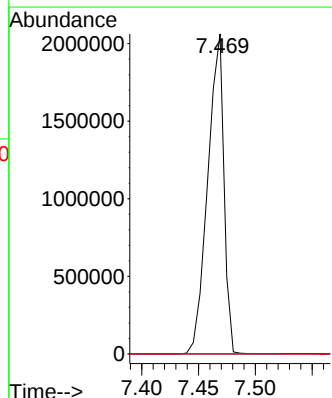
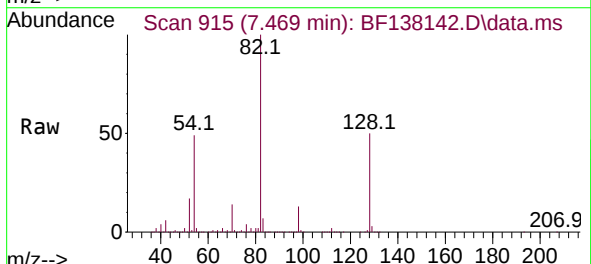
Instrument :
BNA_F
ClientSampleId :
PMW-1

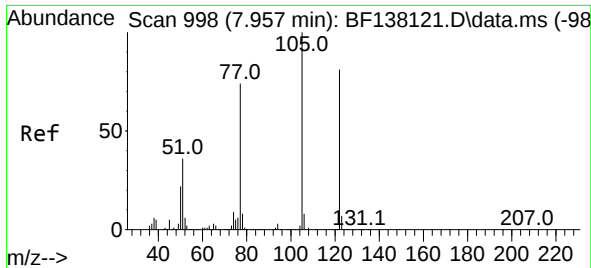
Tgt Ion: 82 Resp: 2042512
Ion Ratio Lower Upper
82 100
128 50.1 37.7 56.5
54 48.9 40.8 61.2



#25
Isophorone
Concen: 41.694 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.259 min
Lab File: BF138142.D
Acq: 06 Jun 2024 19:45

Tgt Ion: 82 Resp: 2041490
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.5 23.3#

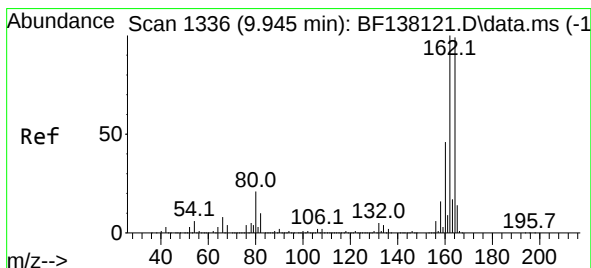
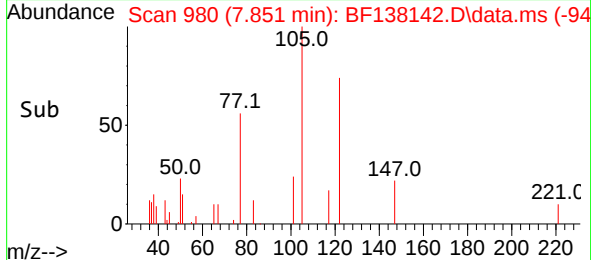
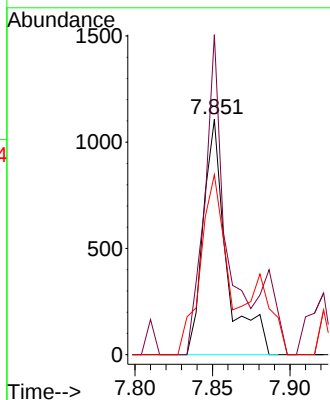
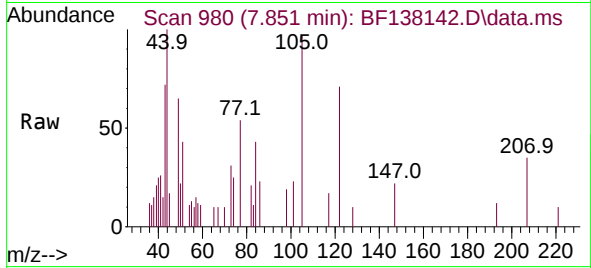




#32
Benzoic acid
Concen: 8.033 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.106 min
Lab File: BF138142.D
Acq: 06 Jun 2024 19:45

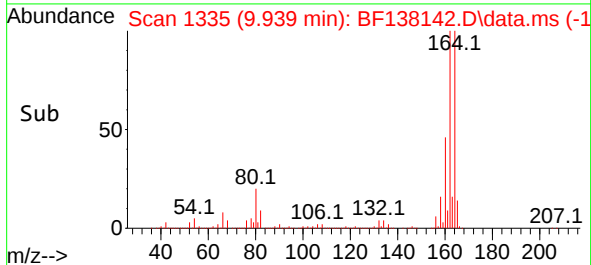
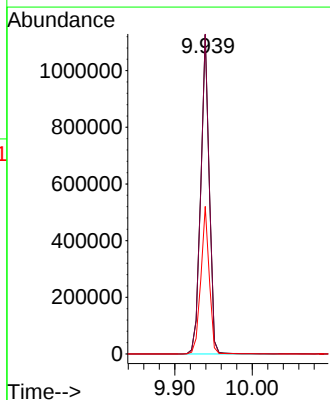
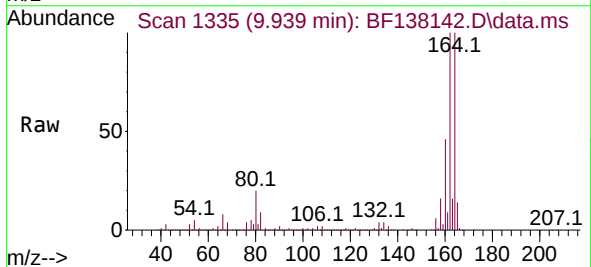
Instrument :
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ClientSampleId :
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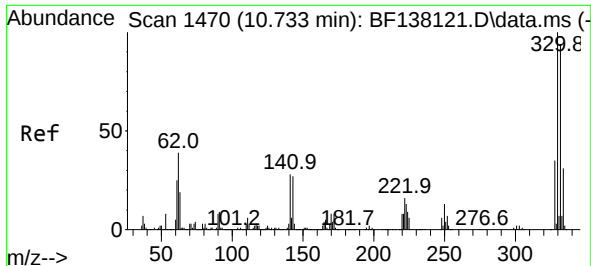
Tgt Ion:122	Resp:	1167
Ion	Ratio	Lower Upper
122	100	
105	135.9	102.8 142.8
77	76.4	71.2 111.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138142.D
Acq: 06 Jun 2024 19:45

Tgt Ion:164	Resp:	860582
Ion	Ratio	Lower Upper
164	100	
162	100.3	80.9 121.3
160	46.2	37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 131.779 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF138142.D

Acq: 06 Jun 2024 19:45

Instrument :

BNA_F

ClientSampleId :

PMW-1

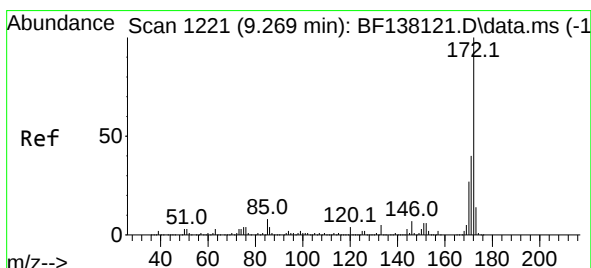
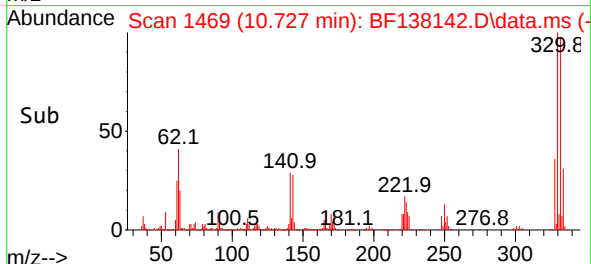
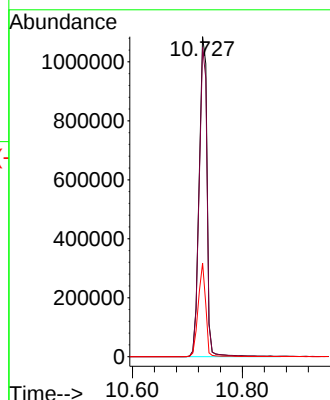
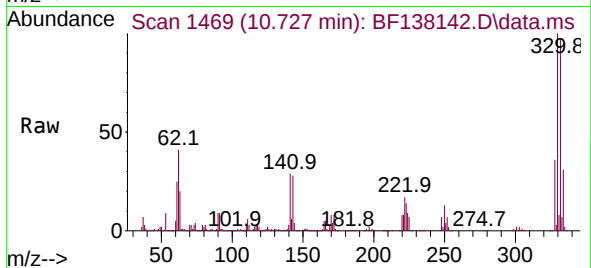
Tgt Ion:330 Resp: 1091390

Ion Ratio Lower Upper

330 100

332 96.1 75.8 113.8

141 27.6 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 81.934 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138142.D

Acq: 06 Jun 2024 19:45

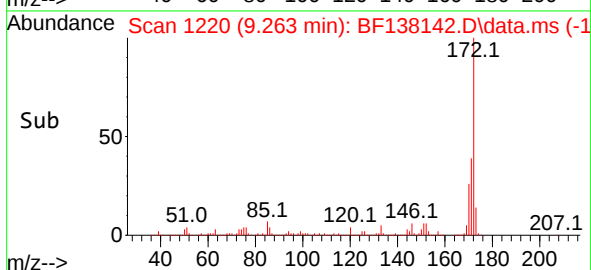
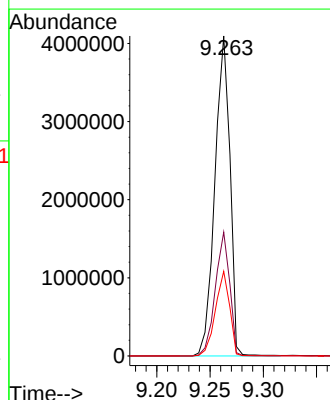
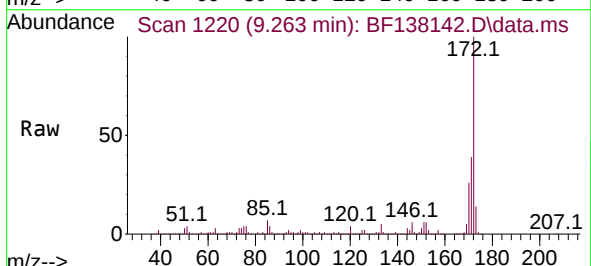
Tgt Ion:172 Resp: 4032585

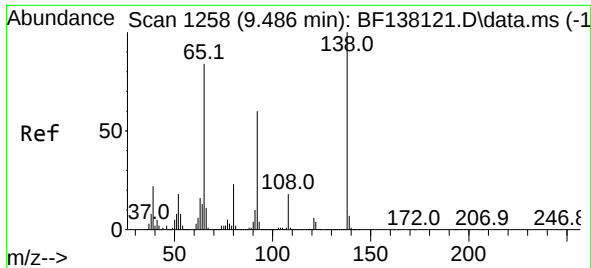
Ion Ratio Lower Upper

172 100

171 38.7 31.6 47.4

170 26.4 21.4 32.2





#48

2-Nitroaniline

Concen: 5.300 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.223 min

Lab File: BF138142.D

Acq: 06 Jun 2024 19:45

Instrument :

BNA_F

ClientSampleId :

PMW-1

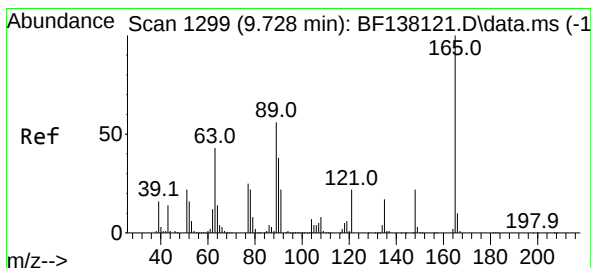
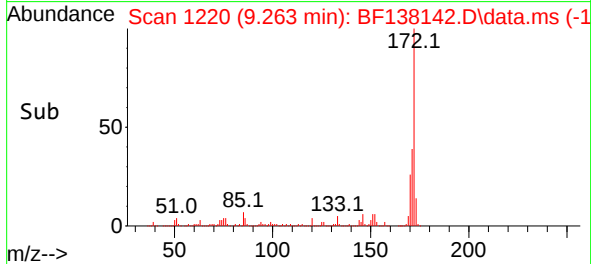
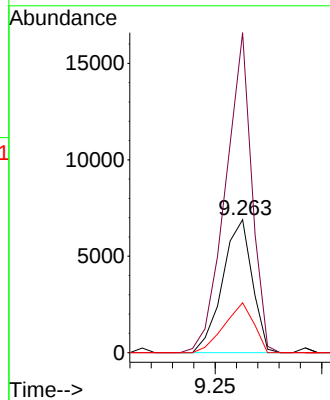
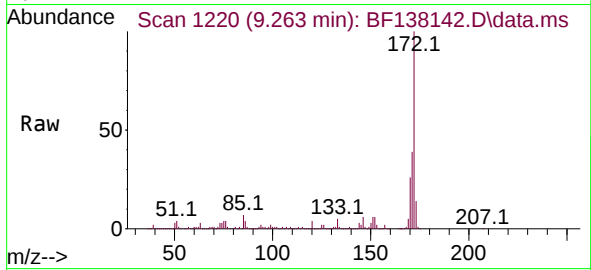
Tgt Ion: 65 Resp: 6696

Ion Ratio Lower Upper

65 100

92 240.6 57.3 85.9#

138 37.5 95.4 143.2#



#51

2,6-Dinitrotoluene

Concen: 12.448 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.211 min

Lab File: BF138142.D

Acq: 06 Jun 2024 19:45

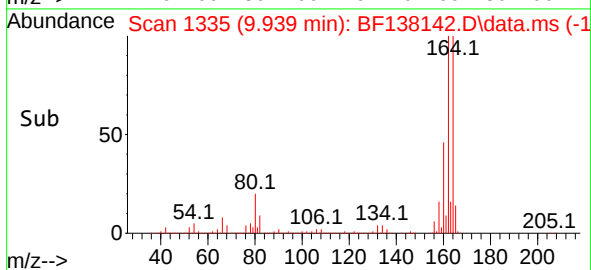
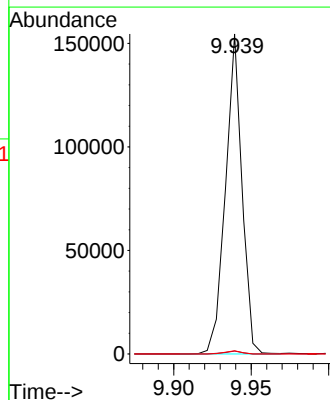
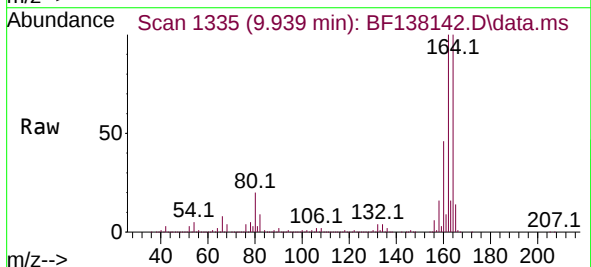
Tgt Ion:165 Resp: 114250

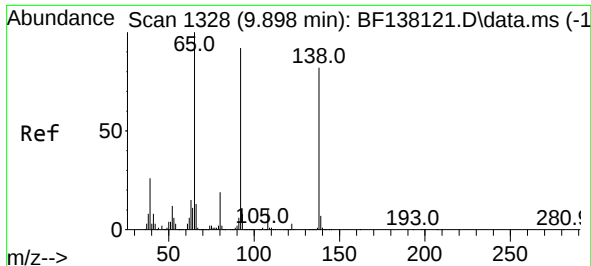
Ion Ratio Lower Upper

165 100

63 0.9 42.9 64.3#

89 1.0 45.0 67.4#

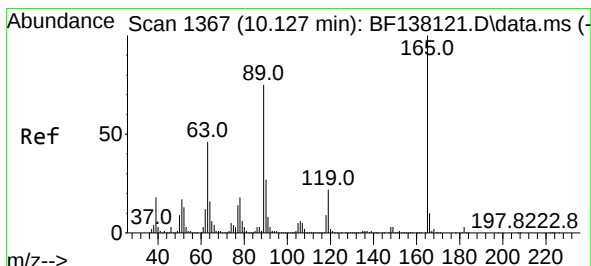
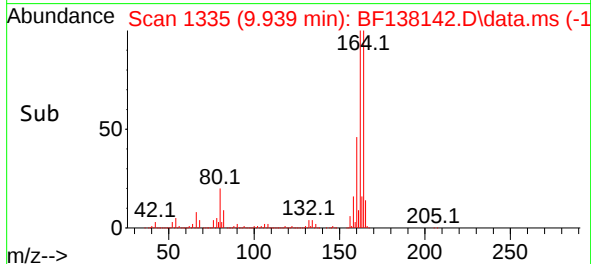
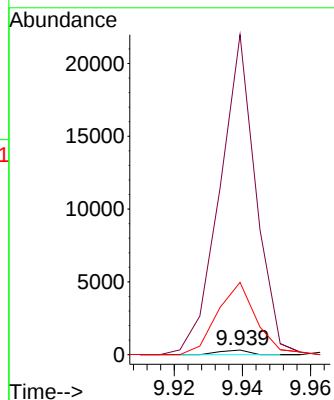
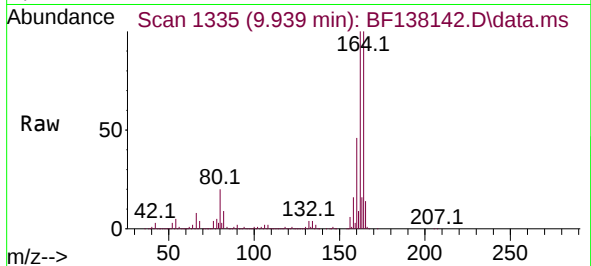




#53
3-Nitroaniline
Concen: 2.959 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.041 min
Lab File: BF138142.D
Acq: 06 Jun 2024 19:45

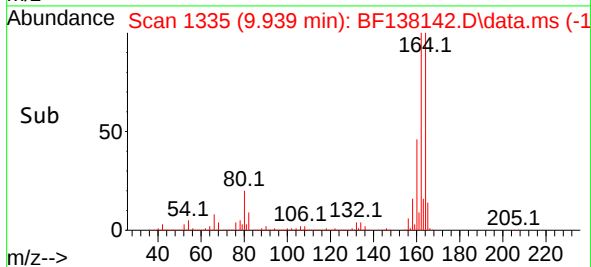
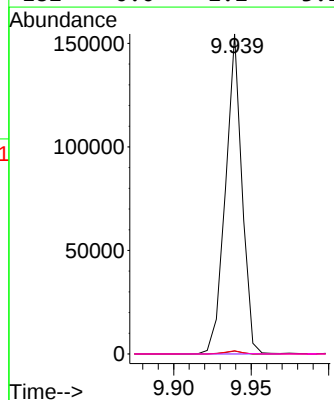
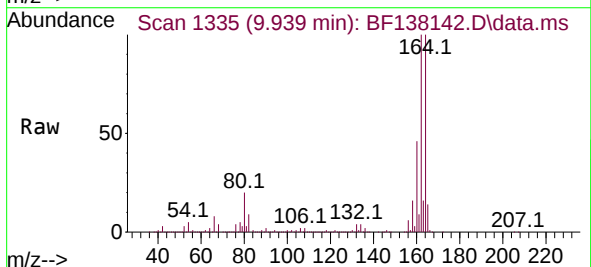
Instrument :
BNA_F
ClientSampleId :
PMW-1

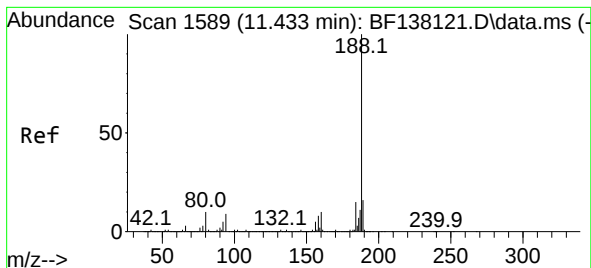
Tgt Ion:138 Resp: 185
Ion Ratio Lower Upper
138 100
108 6889.0 10.3 15.5#
92 1556.1 89.5 134.3#



#57
2,4-Dinitrotoluene
Concen: 11.317 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF138142.D
Acq: 06 Jun 2024 19:45

Tgt Ion:165 Resp: 114250
Ion Ratio Lower Upper
165 100
63 0.9 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: BF138142.D

Acq: 06 Jun 2024 19:45

Instrument :

BNA_F

ClientSampleId :

PMW-1

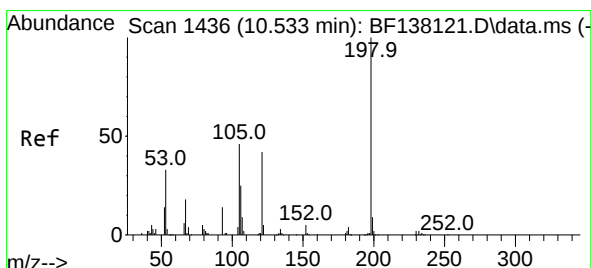
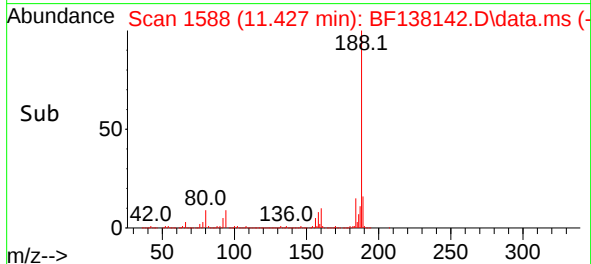
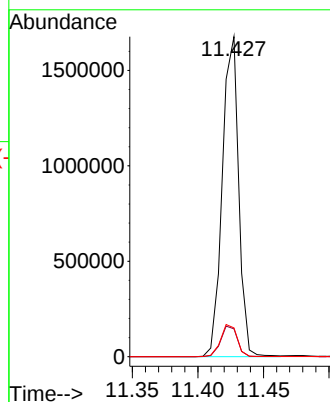
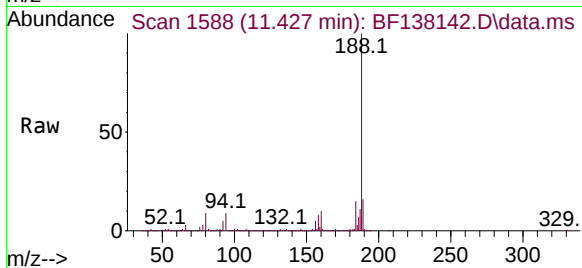
Tgt Ion:188 Resp: 1452158

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 9.0 7.7 11.5



#65

4,6-Dinitro-2-methylphenol

Concen: 8.903 ng

RT: 10.727 min Scan# 1469

Delta R.T. 0.194 min

Lab File: BF138142.D

Acq: 06 Jun 2024 19:45

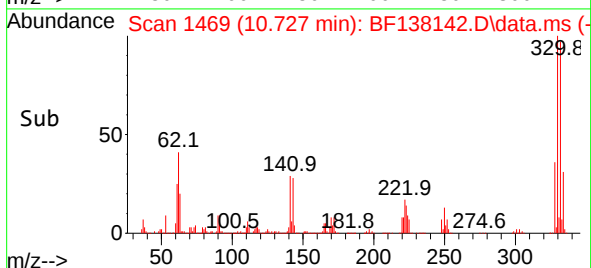
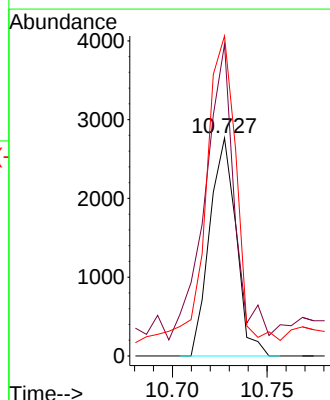
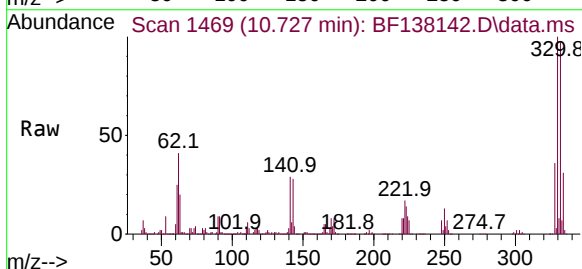
Tgt Ion:198 Resp: 2701

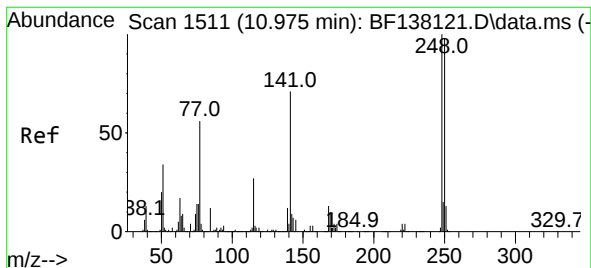
Ion Ratio Lower Upper

198 100

51 143.1 28.2 68.2#

105 146.9 26.8 66.8#

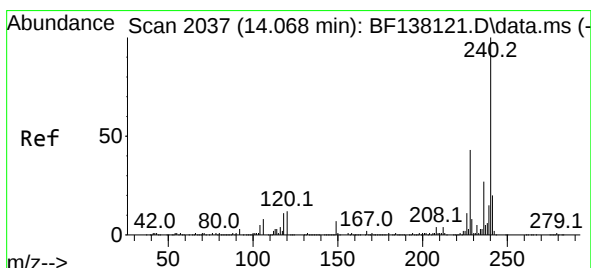
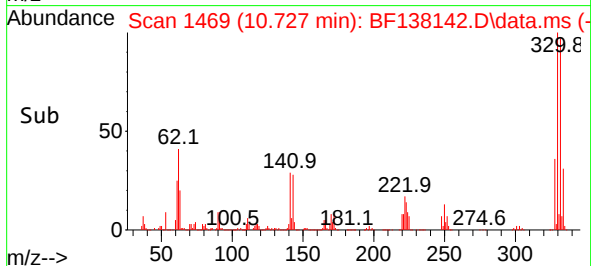
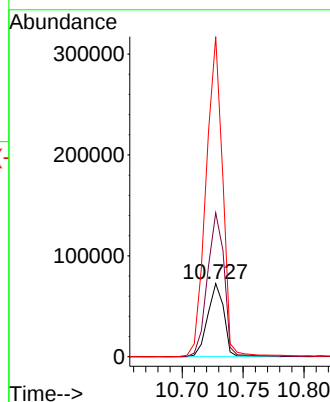
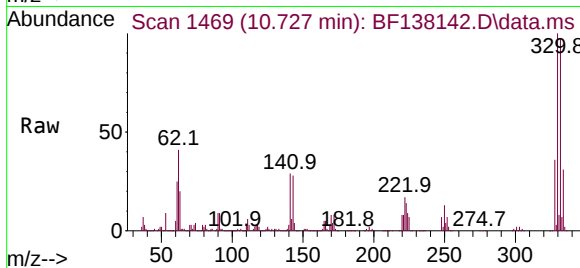




#67
4-Bromophenyl-phenylether
Concen: 4.054 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF138142.D
Acq: 06 Jun 2024 19:45

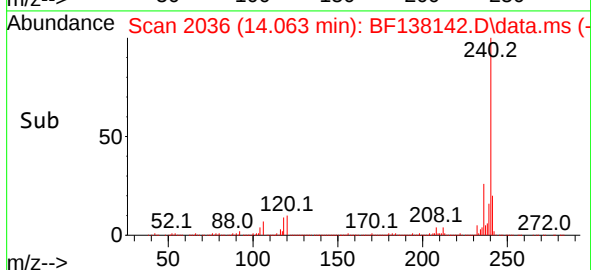
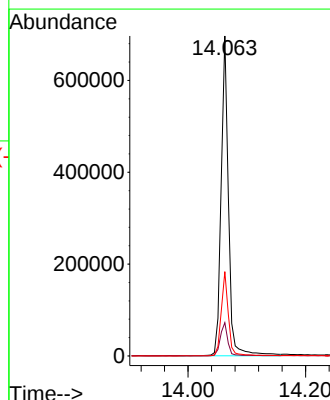
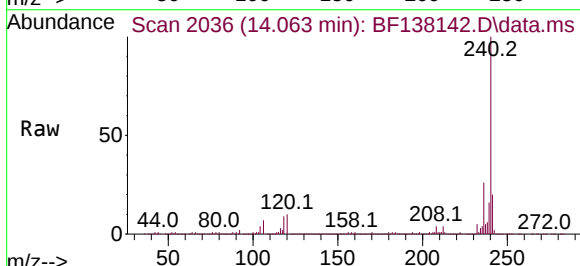
Instrument :
BNA_F
ClientSampleId :
PMW-1

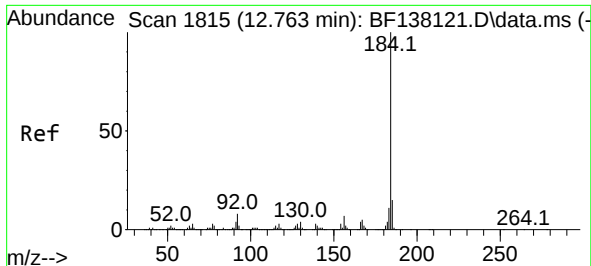
Tgt Ion:248 Resp: 67038
Ion Ratio Lower Upper
248 100
250 196.9 78.7 118.1#
141 437.7 56.5 84.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BF138142.D
Acq: 06 Jun 2024 19:45

Tgt Ion:240 Resp: 605755
Ion Ratio Lower Upper
240 100
120 10.4 9.8 14.8
236 26.4 21.2 31.8

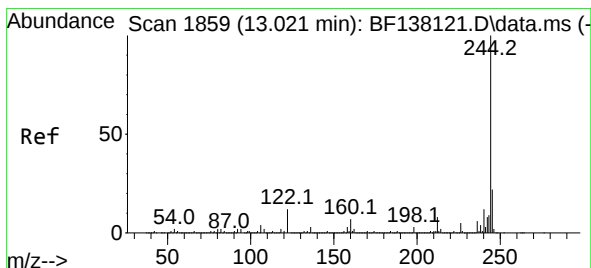
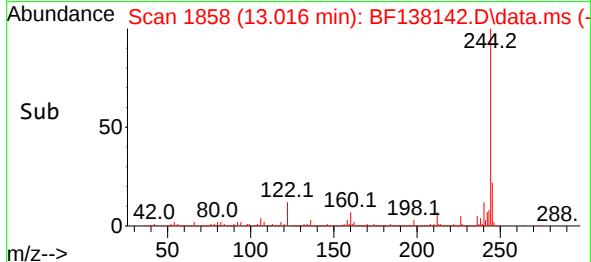
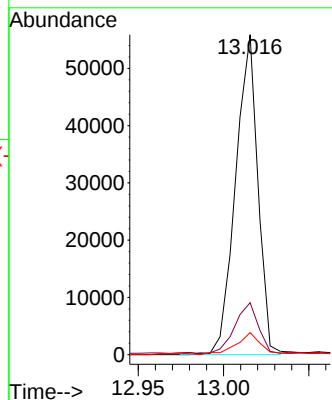
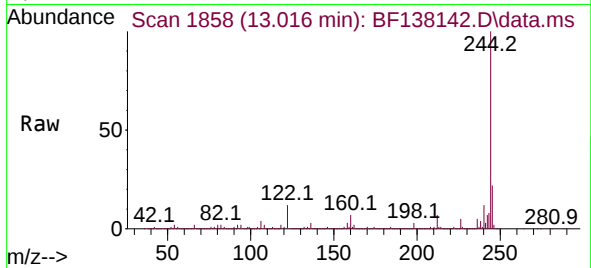




#77
Benzidine
Concen: 8.162 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.253 min
Lab File: BF138142.D
Acq: 06 Jun 2024 19:45

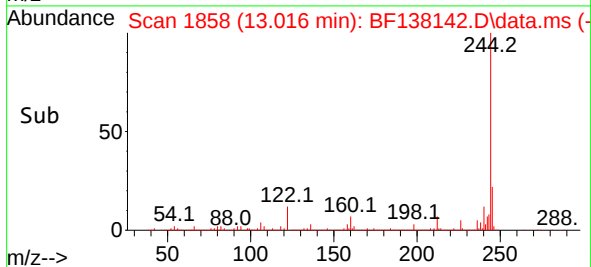
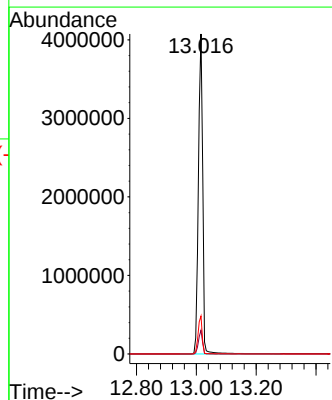
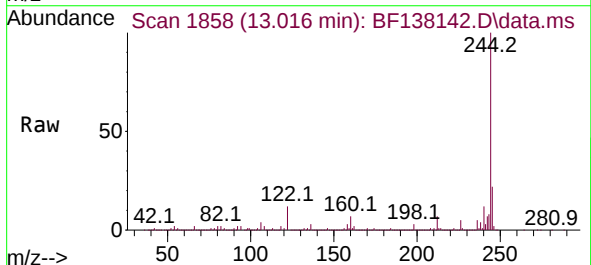
Instrument :
BNA_F
ClientSampleId :
PMW-1

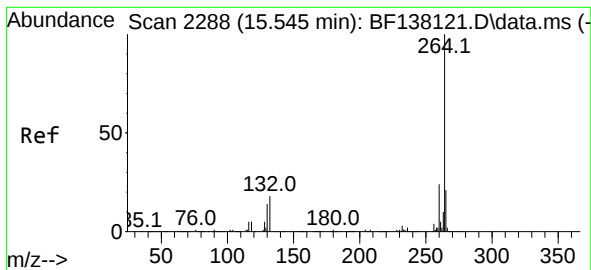
Tgt Ion:184 Resp: 50880
Ion Ratio Lower Upper
184 100
185 16.2 12.2 18.2
183 6.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 100.218 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BF138142.D
Acq: 06 Jun 2024 19:45

Tgt Ion:244 Resp: 4058735
Ion Ratio Lower Upper
244 100
212 7.4 6.4 9.6
122 11.8 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: BF138142.D

Acq: 06 Jun 2024 19:45

Instrument :

BNA_F

ClientSampleId :

PMW-1

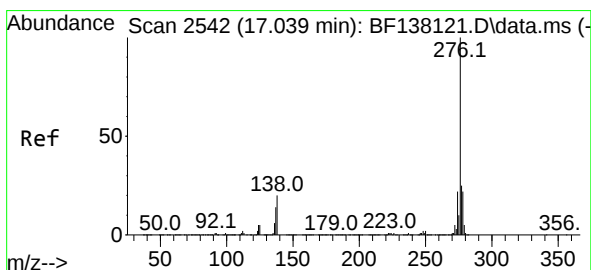
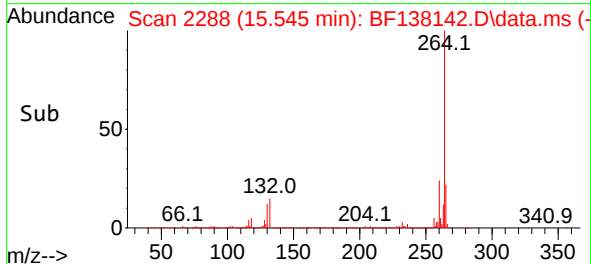
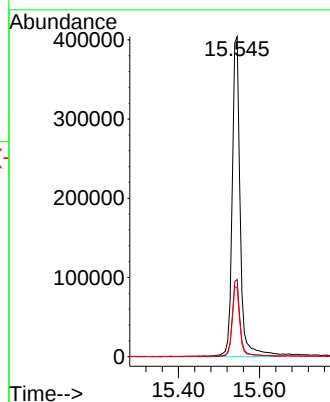
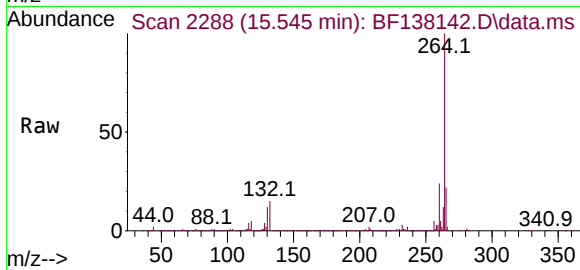
Tgt Ion:264 Resp: 554885

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.6 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.894 ng

RT: 16.998 min Scan# 2535

Delta R.T. -0.041 min

Lab File: BF138142.D

Acq: 06 Jun 2024 19:45

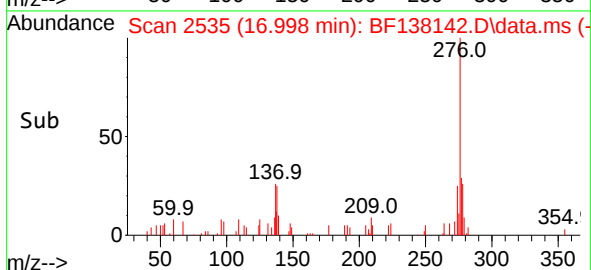
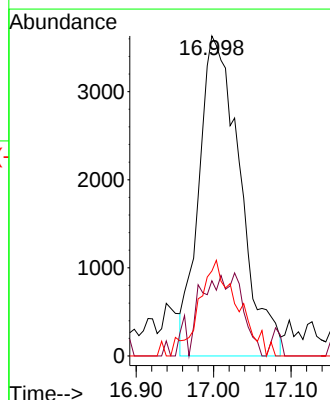
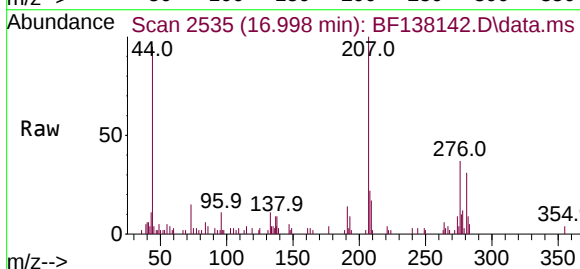
Tgt Ion:276 Resp: 13387

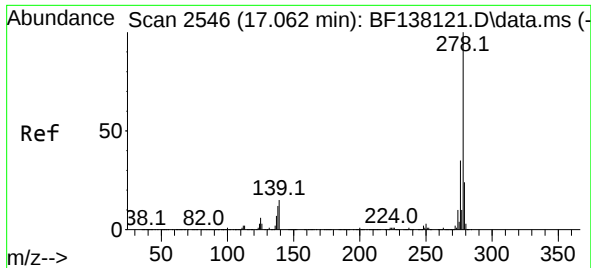
Ion Ratio Lower Upper

276 100

138 15.4 18.9 28.3#

277 28.2 20.3 30.5

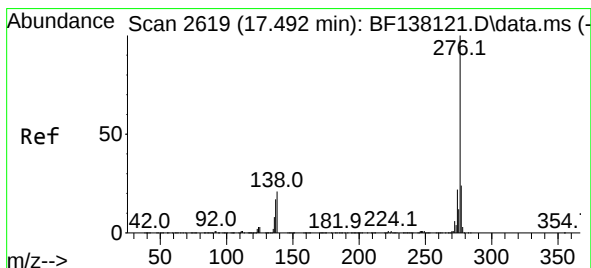
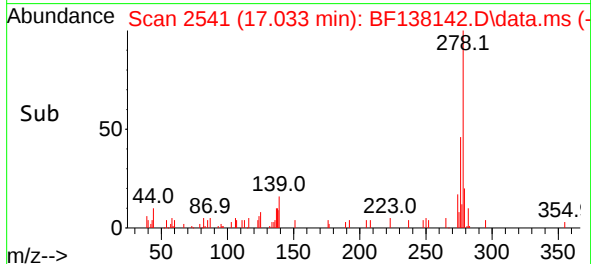
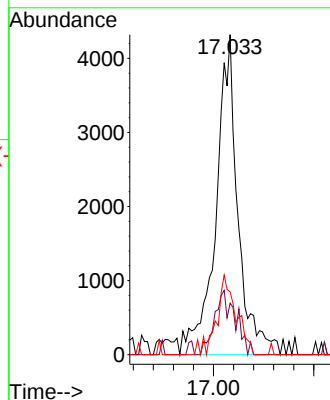
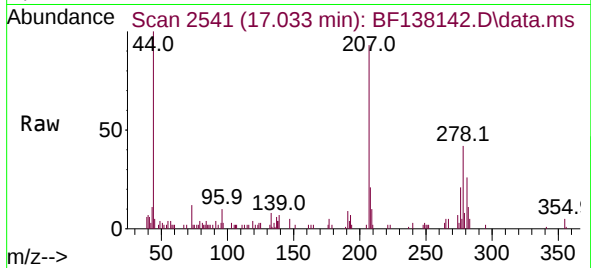




#91
Dibenzo(a,h)anthracene
Concen: 4.161 ng
RT: 17.033 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF138142.D
Acq: 06 Jun 2024 19:45

Instrument :
BNA_F
ClientSampleId :
PMW-1

Tgt Ion:	278	Resp:	13239
Ion Ratio	Lower	Upper	
278	100		
139	16.1	11.7	17.5
279	19.7	19.2	28.8



#92
Benzo(g,h,i)perylene
Concen: 3.336 ng
RT: 17.445 min Scan# 2611
Delta R.T. -0.047 min
Lab File: BF138142.D
Acq: 06 Jun 2024 19:45

Tgt Ion:	276	Resp:	9403
Ion Ratio	Lower	Upper	
276	100		
277	24.8	19.0	28.4
138	19.9	16.5	24.7

