

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061024\
 Data File : BF138178.D
 Acq On : 10 Jun 2024 18:08
 Operator : CG\JU
 Sample : P2795-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2-(5-10)-COMP

Quant Time: Jun 10 20:19:57 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)

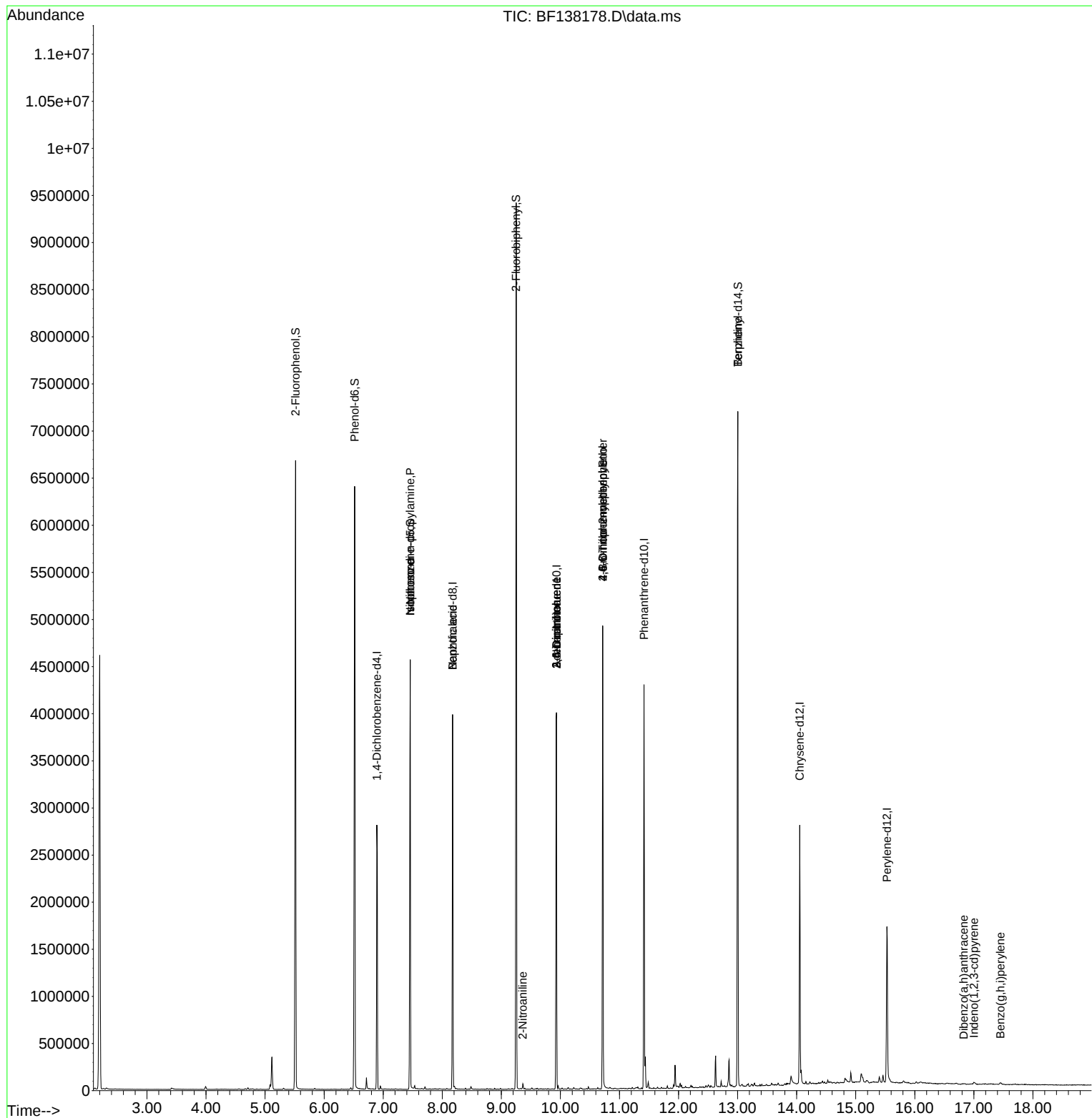
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	406910	20.000	ng	-0.02
21) Naphthalene-d8	8.175	136	1558151	20.000	ng	-0.02
39) Acenaphthene-d10	9.934	164	851306	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	1411157	20.000	ng	-0.02
76) Chrysene-d12	14.051	240	822689	20.000	ng	-0.02
86) Perylene-d12	15.527	264	796860	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1857847	77.811	ng	-0.01
7) Phenol-d6	6.516	99	2375128	78.623	ng	-0.02
23) Nitrobenzene-d5	7.457	82	1302098	56.857	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	556345	67.907	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	2663811	54.713	ng	-0.02
79) Terphenyl-d14	13.004	244	2384074	43.345	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.446	77	682	Below Cal	#	73
19) n-Nitroso-di-n-propyla...	7.457	70	170025	8.827	ng	# 77
25) Isophorone	7.457	82	1302098	25.808	ng	# 63
32) Benzoic acid	8.175	122	410	7.967	ng	# 1
48) 2-Nitroaniline	9.363	65	690	4.849	ng	# 1
51) 2,6-Dinitrotoluene	9.934	165	112377	12.396	ng	# 25
53) 3-Nitroaniline	9.934	138	100	2.953	ng	# 1
57) 2,4-Dinitrotoluene	9.934	165	112377	11.275	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.716	198	1433	8.667	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	35272	2.195	ng	# 1
77) Benzidine	13.004	184	30608	3.615	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.004	276	16373	3.833	ng	95
91) Dibenzo(a,h)anthracene	16.827	278	3841	3.757	ng	98
92) Benzo(g,h,i)perylene	17.451	276	17354	3.436	ng	94

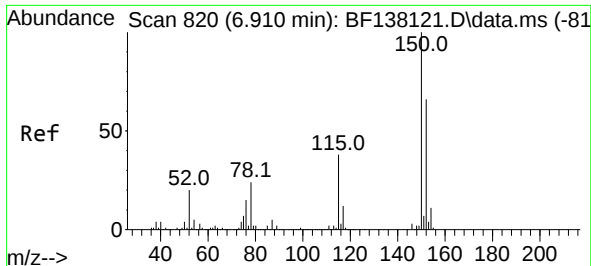
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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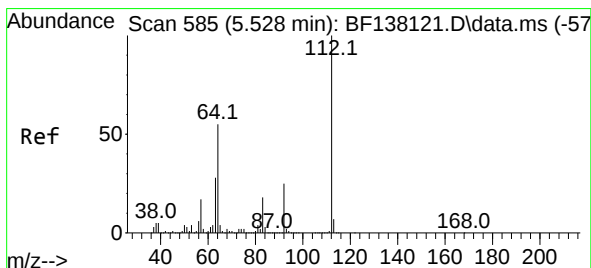
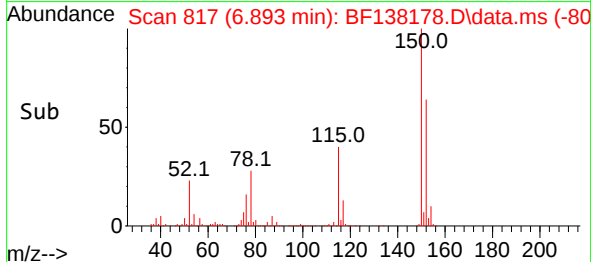
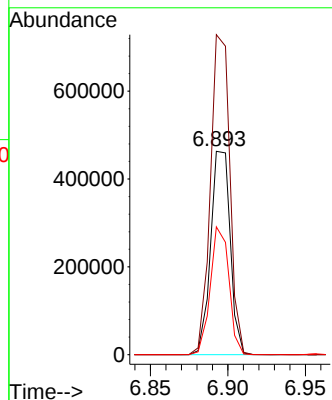
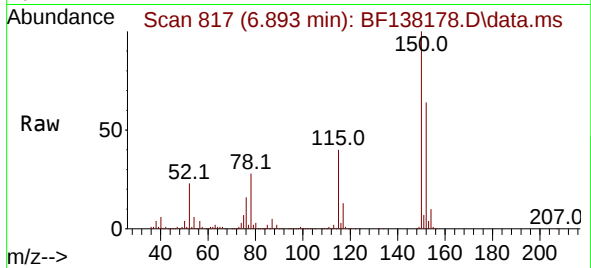




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

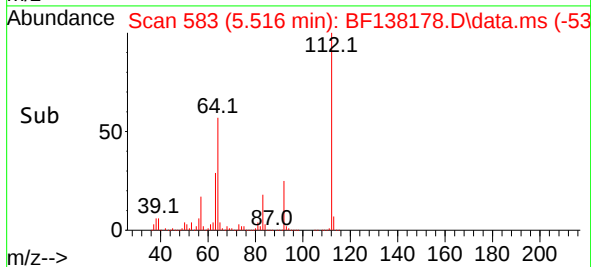
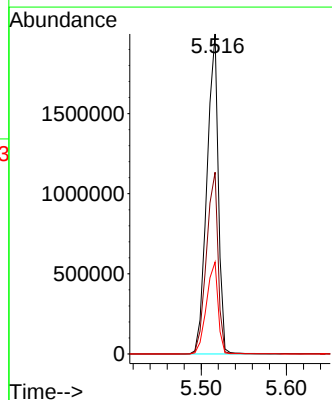
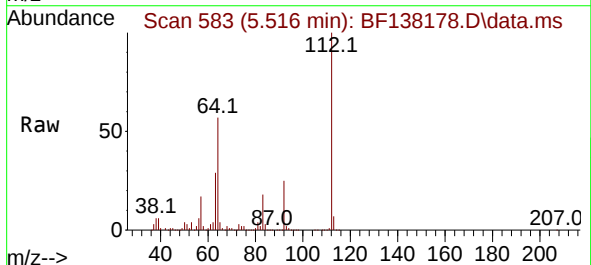
Instrument :
BNA_F
ClientSampleId :
WC-2-(5-10)-COMP

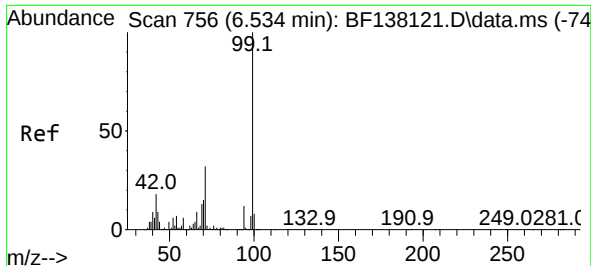
Tgt Ion:152 Resp: 406910
Ion Ratio Lower Upper
152 100
150 157.3 121.8 182.6
115 62.9 46.2 69.2



#5
2-Fluorophenol
Concen: 77.811 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.012 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

Tgt Ion:112 Resp: 1857847
Ion Ratio Lower Upper
112 100
64 56.8 44.0 66.0
63 28.7 22.1 33.1

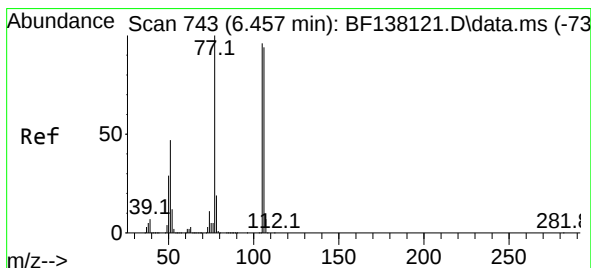
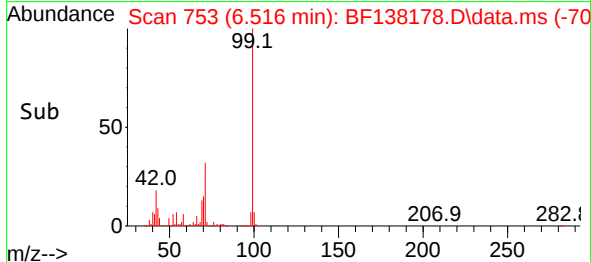
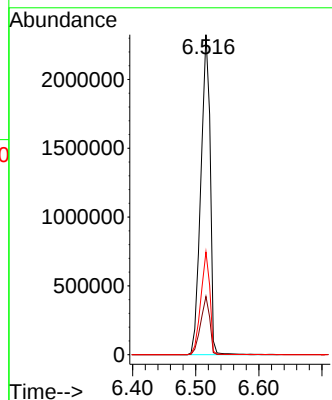
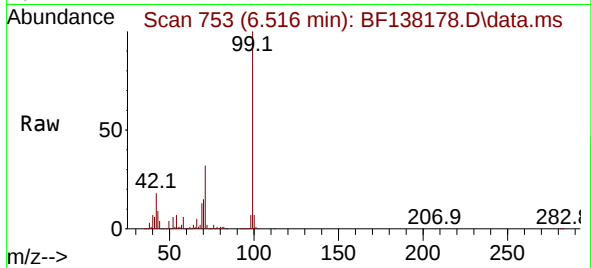




#7
Phenol-d6
Concen: 78.623 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

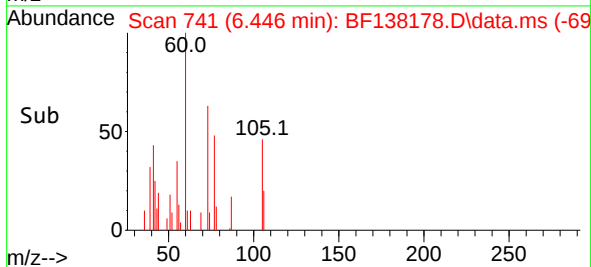
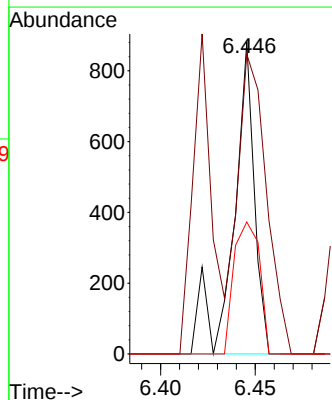
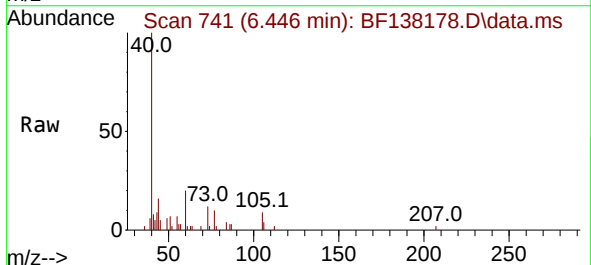
Instrument :
BNA_F
ClientSampleId :
WC-2-(5-10)-COMP

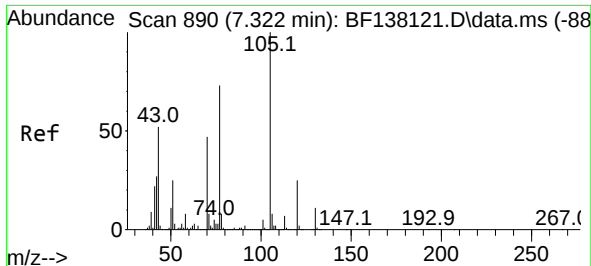
Tgt Ion: 99 Resp: 2375128
Ion Ratio Lower Upper
99 100
42 18.2 14.4 21.6
71 32.1 25.5 38.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.446 min Scan# 741
Delta R.T. -0.011 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

Tgt Ion: 77 Resp: 682
Ion Ratio Lower Upper
77 100
105 96.0 75.8 115.8
106 42.3 73.9 113.9#

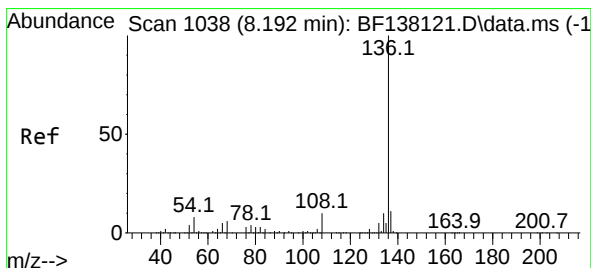
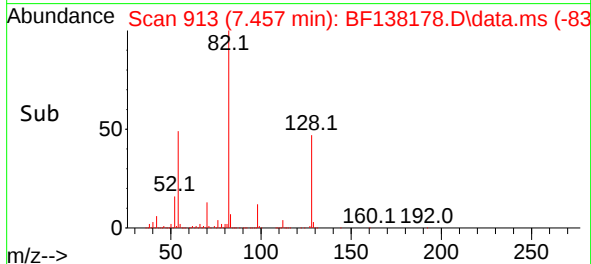
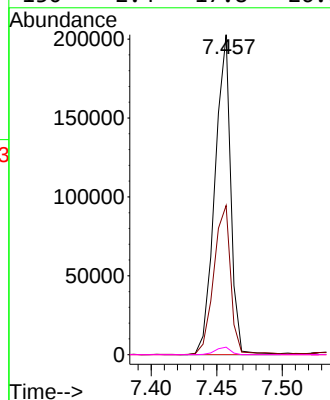
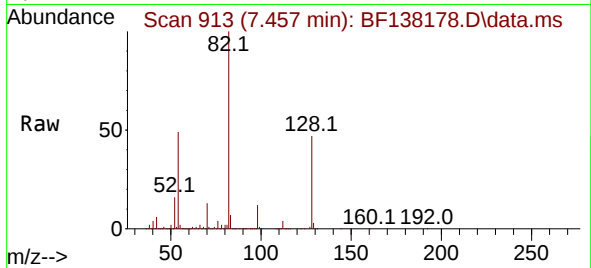




#19
n-Nitroso-di-n-propylamine
Concen: 8.827 ng
RT: 7.457 min Scan# 91
Delta R.T. 0.135 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

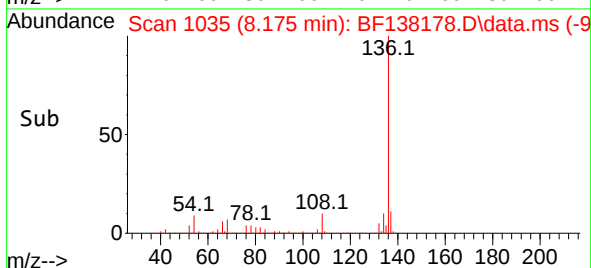
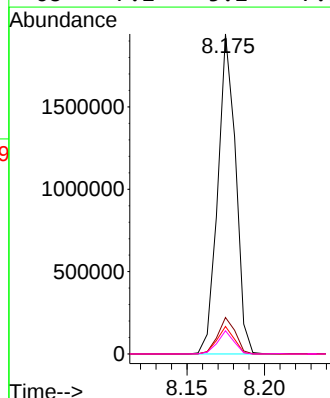
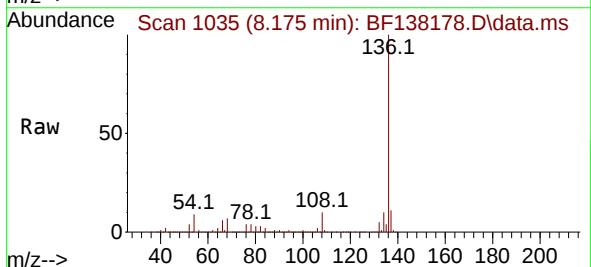
Instrument :
BNA_F
ClientSampleId :
WC-2-(5-10)-COMP

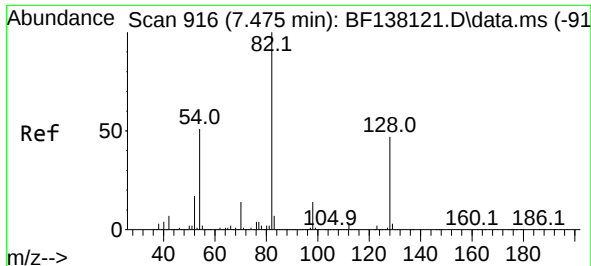
Tgt Ion: 70 Resp: 170025
Ion Ratio Lower Upper
70 100
42 46.6 46.3 69.5
101 0.0 7.7 11.5#
130 2.4 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.018 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

Tgt Ion: 136 Resp: 1558151
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.6 6.2 9.2
68 7.2 5.2 7.8

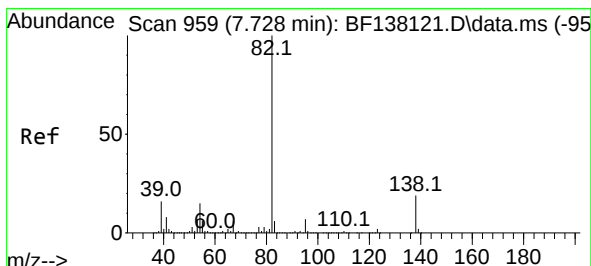
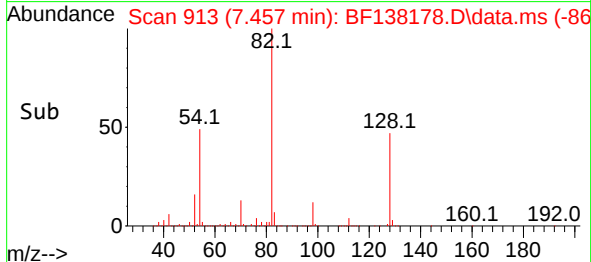
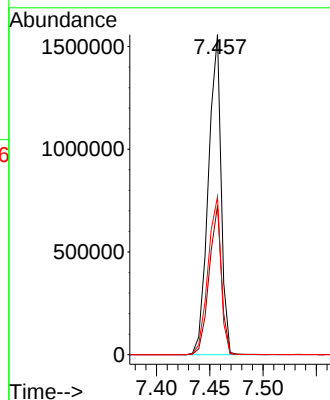
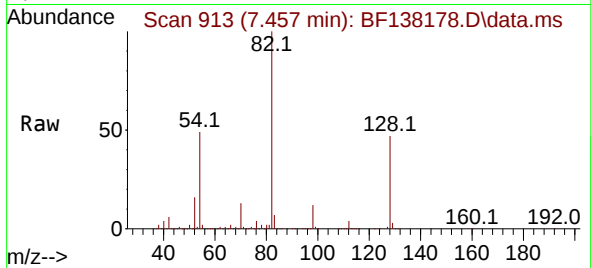




#23
Nitrobenzene-d5
Concen: 56.857 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.018 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

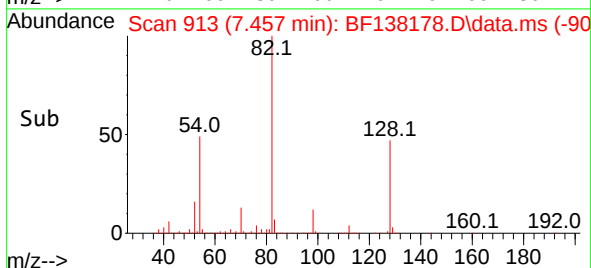
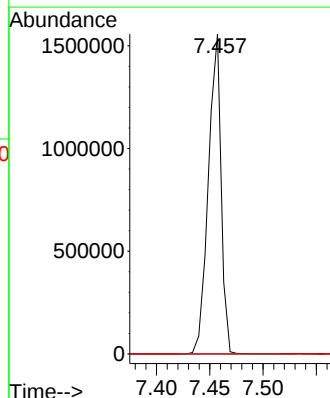
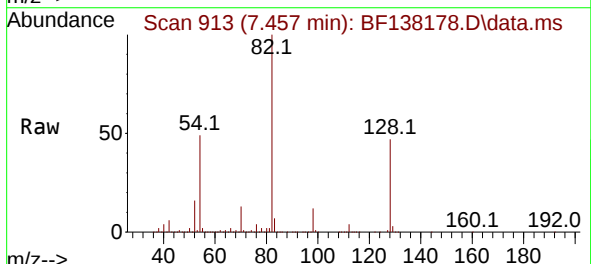
Instrument :
BNA_F
ClientSampleId :
WC-2-(5-10)-COMP

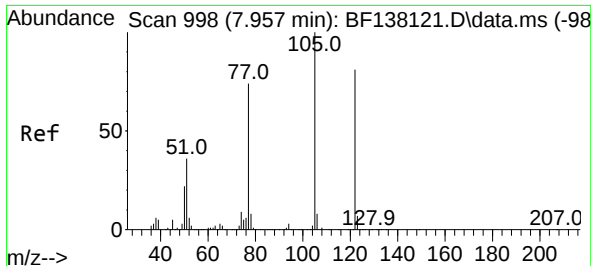
Tgt Ion: 82 Resp: 1302098
Ion Ratio Lower Upper
82 100
128 46.5 37.7 56.5
54 49.3 40.8 61.2



#25
Isophorone
Concen: 25.808 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.271 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

Tgt Ion: 82 Resp: 1302098
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.5 23.3#

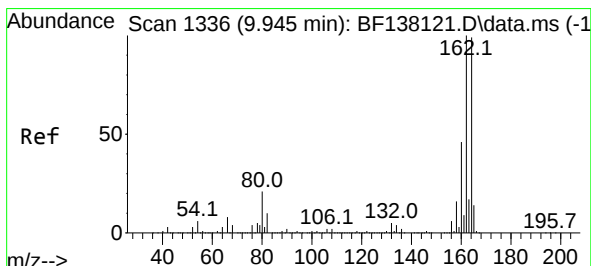
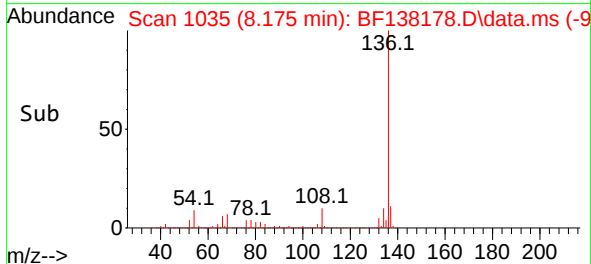
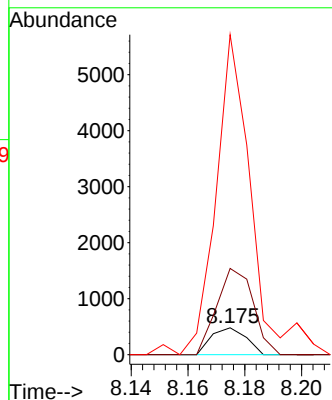
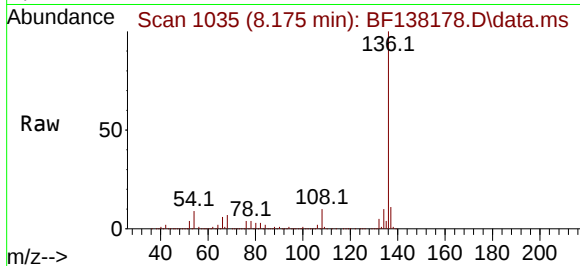




#32
Benzoic acid
Concen: 7.967 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.218 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

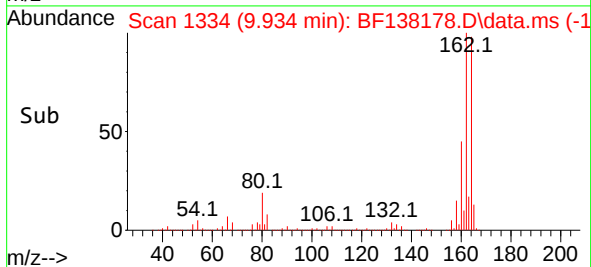
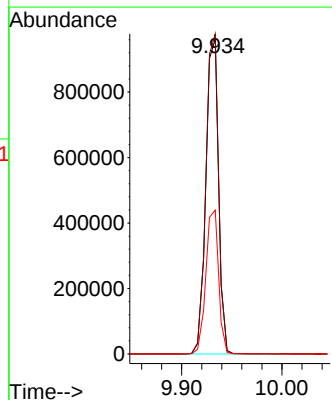
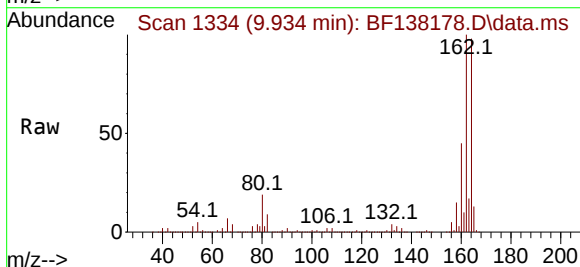
Instrument :
BNA_F
ClientSampleId :
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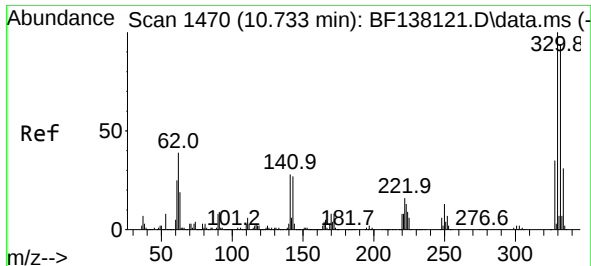
Tgt Ion:122 Resp: 410
Ion Ratio Lower Upper
122 100
105 321.3 102.8 142.8#
77 1192.7 71.2 111.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

Tgt Ion:164 Resp: 851306
Ion Ratio Lower Upper
164 100
162 101.6 80.9 121.3
160 45.6 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 67.907 ng

RT: 10.716 min Scan# 1470

Delta R.T. -0.017 min

Lab File: BF138178.D

Acq: 10 Jun 2024 18:08

Instrument :

BNA_F

ClientSampleId :

WC-2-(5-10)-COMP

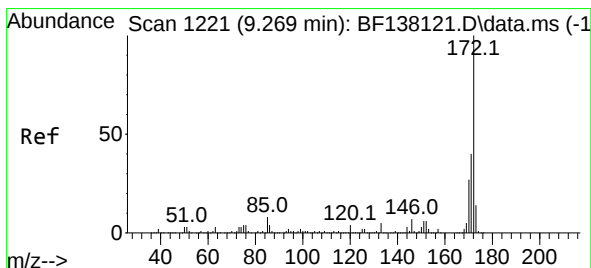
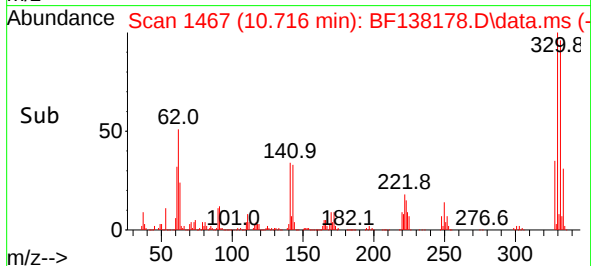
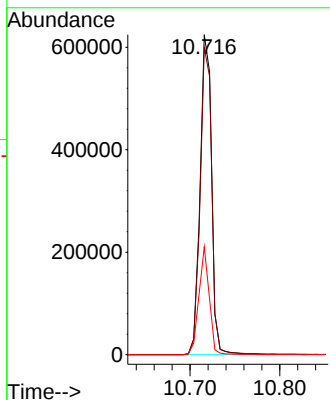
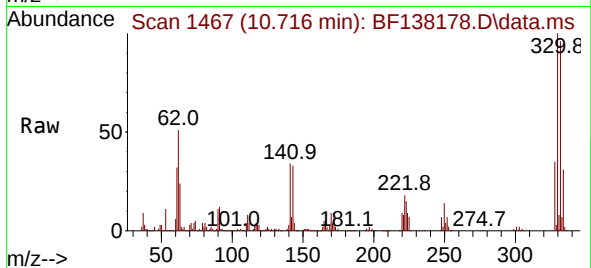
Tgt Ion:330 Resp: 556345

Ion Ratio Lower Upper

330 100

332 97.1 75.8 113.8

141 30.6 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 54.713 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.018 min

Lab File: BF138178.D

Acq: 10 Jun 2024 18:08

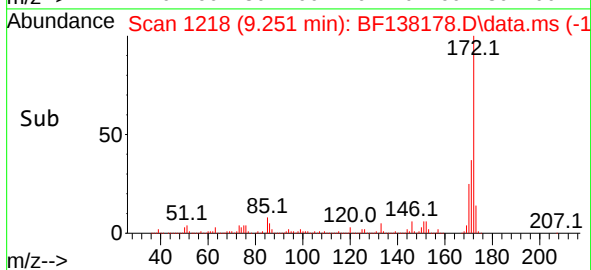
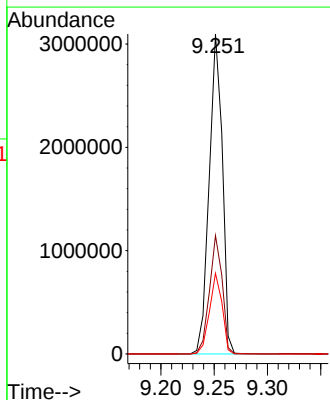
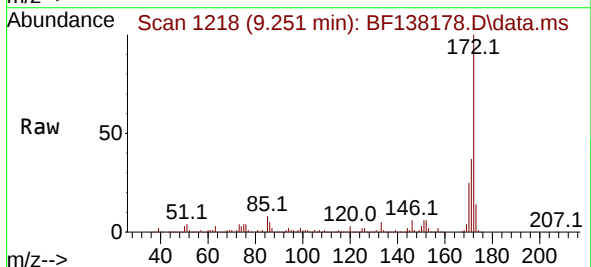
Tgt Ion:172 Resp: 2663811

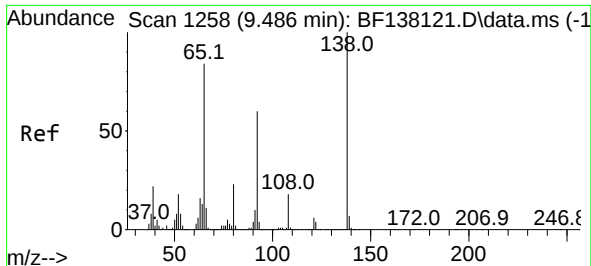
Ion Ratio Lower Upper

172 100

171 37.0 31.6 47.4

170 25.2 21.4 32.2

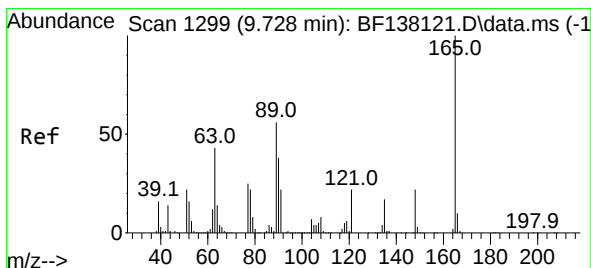
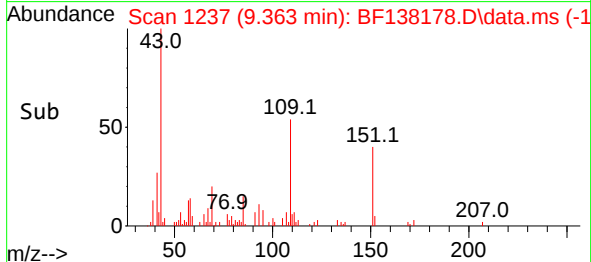
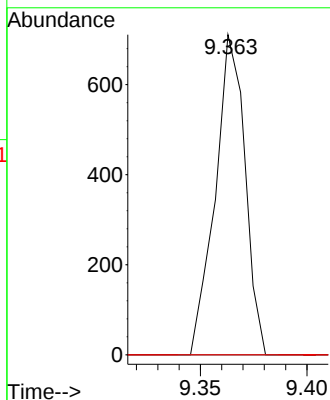
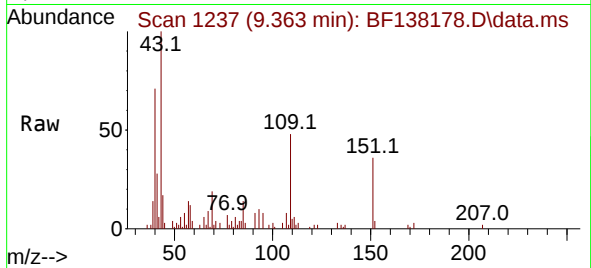




#48
 2-Nitroaniline
 Concen: 4.849 ng
 RT: 9.363 min Scan# 11
 Delta R.T. -0.123 min
 Lab File: BF138178.D
 Acq: 10 Jun 2024 18:08

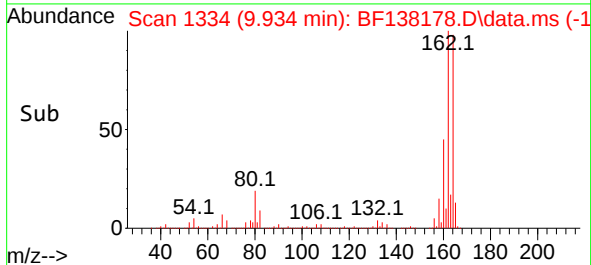
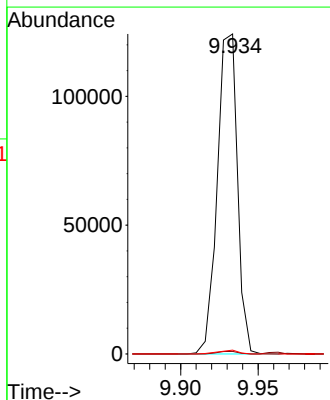
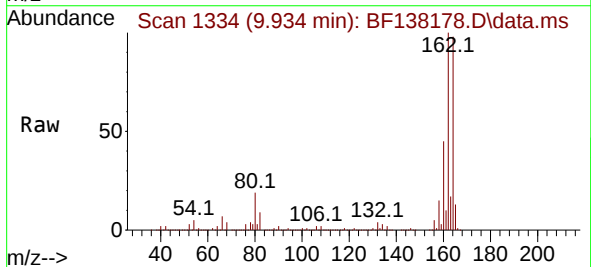
Instrument :
 BNA_F
 ClientSampleId :
 WC-2-(5-10)-COMP

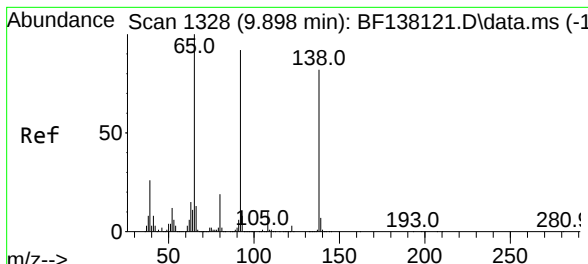
Tgt Ion:	65	Resp:	690
Ion Ratio	Lower	Upper	
65	100		
92	0.0	57.3	85.9#
138	0.0	95.4	143.2#



#51
 2,6-Dinitrotoluene
 Concen: 12.396 ng
 RT: 9.934 min Scan# 1334
 Delta R.T. 0.206 min
 Lab File: BF138178.D
 Acq: 10 Jun 2024 18:08

Tgt Ion:	165	Resp:	112377
Ion Ratio	Lower	Upper	
165	100		
63	0.8	42.9	64.3#
89	1.2	45.0	67.4#

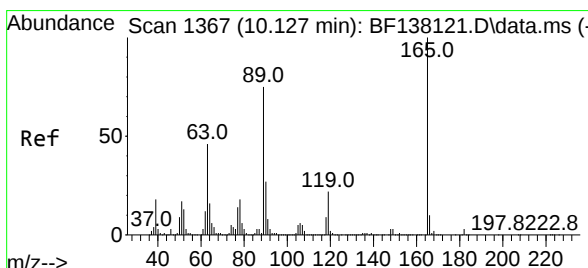
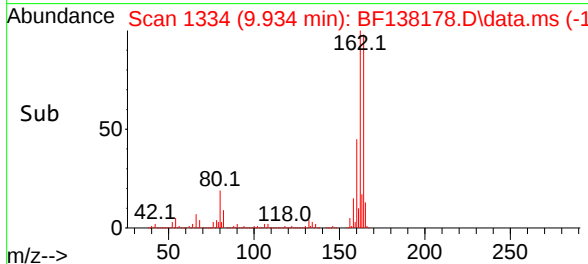
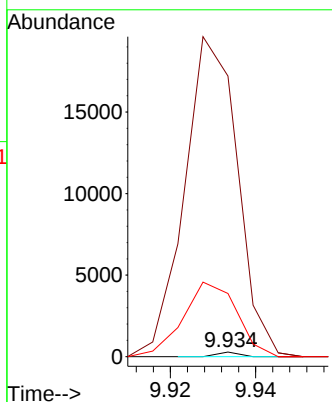
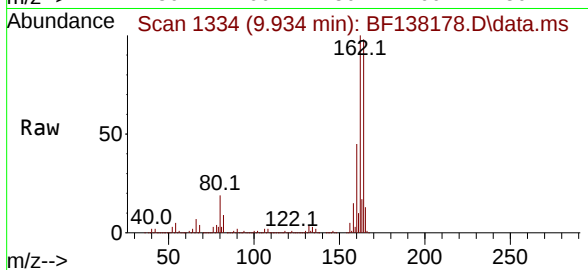




#53
3-Nitroaniline
Concen: 2.953 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.036 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

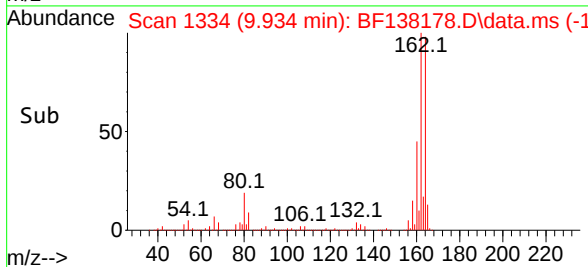
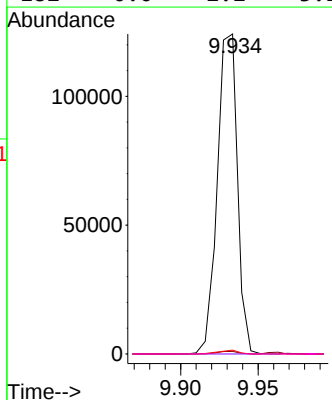
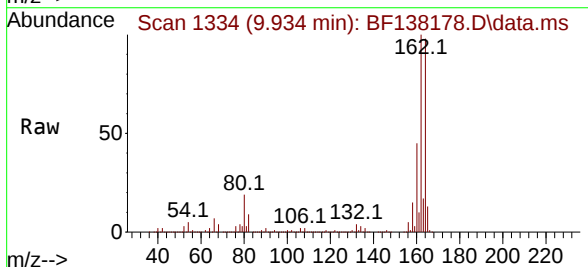
Instrument :
BNA_F
ClientSampleId :
WC-2-(5-10)-COMP

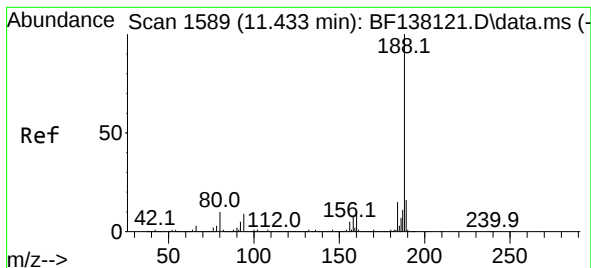
Tgt Ion:138 Resp: 100
Ion Ratio Lower Upper
138 100
108 6059.2 10.3 15.5#
92 1365.8 89.5 134.3#



#57
2,4-Dinitrotoluene
Concen: 11.275 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

Tgt Ion:165 Resp: 112377
Ion Ratio Lower Upper
165 100
63 0.8 36.8 55.2#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138178.D

Acq: 10 Jun 2024 18:08

Instrument :

BNA_F

ClientSampleId :

WC-2-(5-10)-COMP

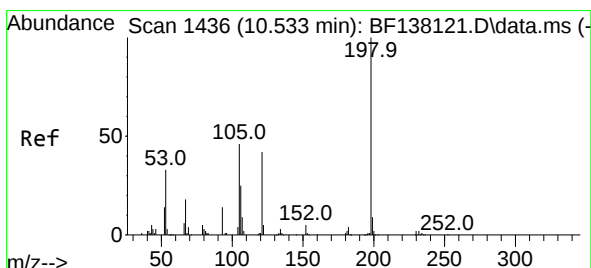
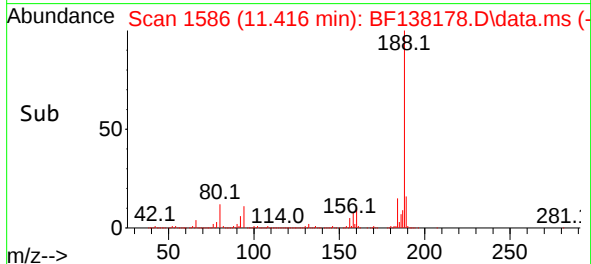
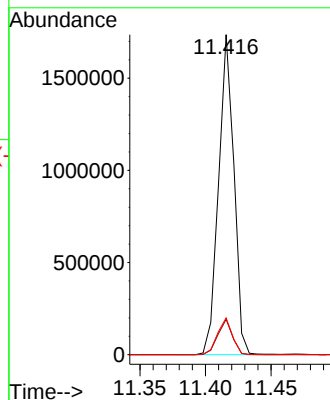
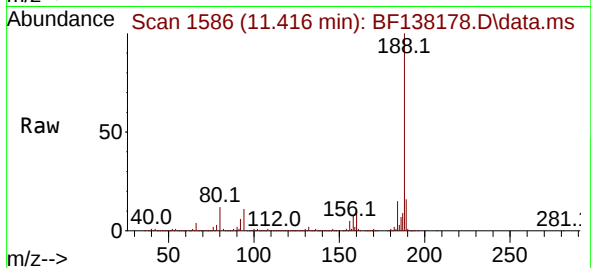
Tgt Ion:188 Resp: 1411157

Ion Ratio Lower Upper

188 100

94 11.1 7.4 11.2

80 11.5 7.7 11.5



#65

4,6-Dinitro-2-methylphenol

Concen: 8.667 ng

RT: 10.716 min Scan# 1467

Delta R.T. 0.183 min

Lab File: BF138178.D

Acq: 10 Jun 2024 18:08

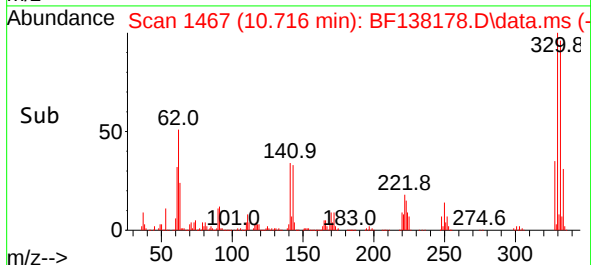
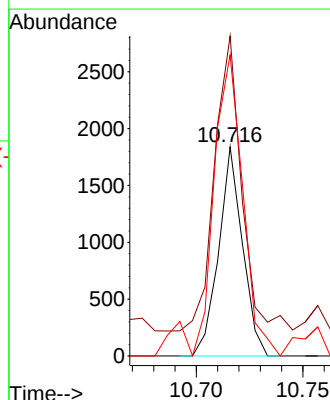
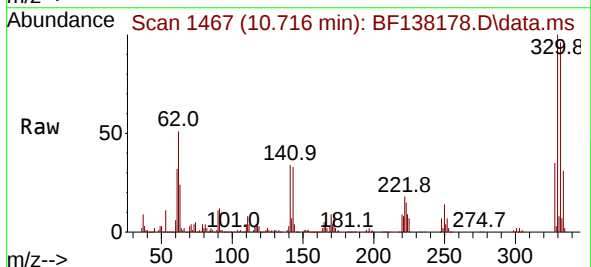
Tgt Ion:198 Resp: 1433

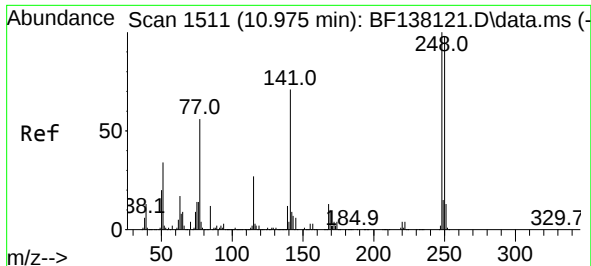
Ion Ratio Lower Upper

198 100

51 153.0 28.2 68.2#

105 144.0 26.8 66.8#

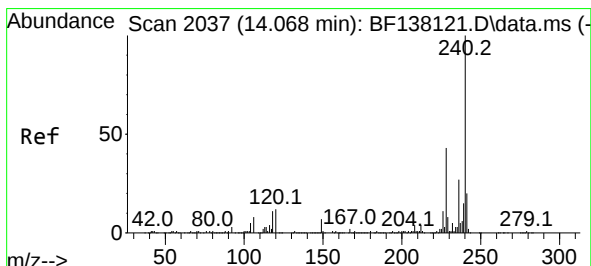
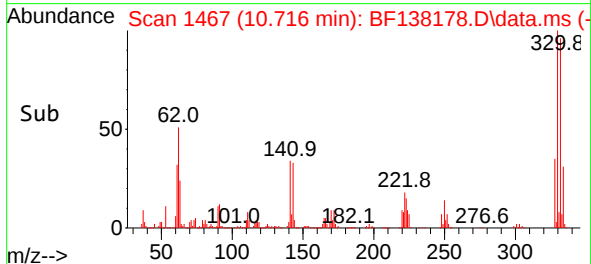
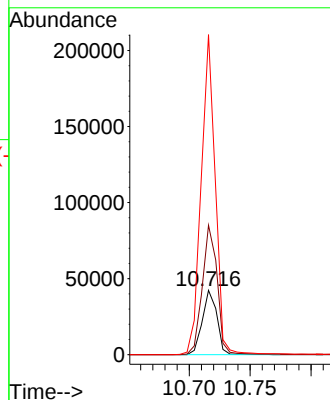
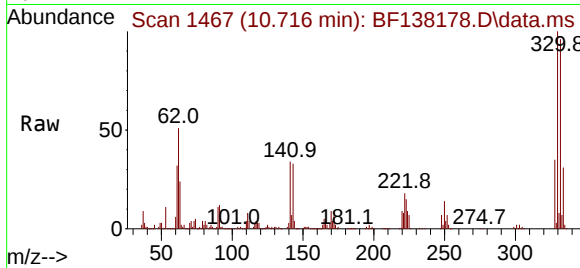




#67
4-Bromophenyl-phenylether
Concen: 2.195 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.259 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

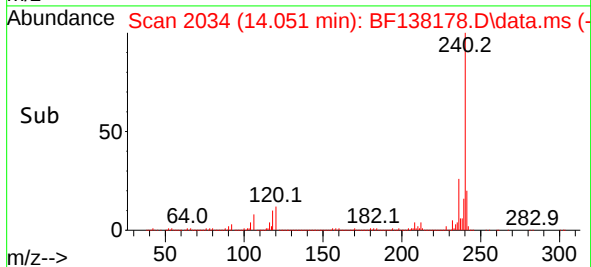
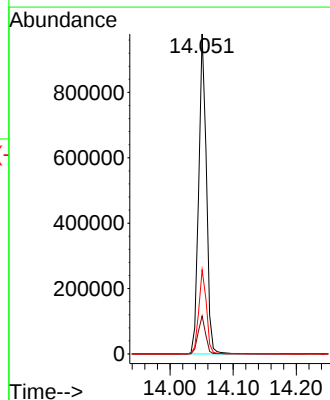
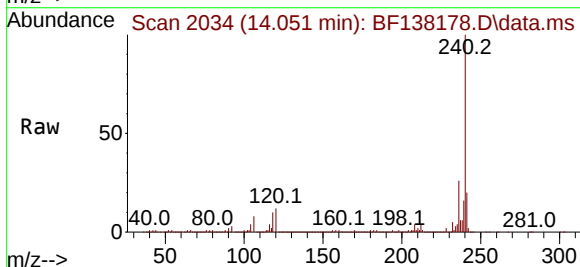
Instrument :
BNA_F
ClientSampleId :
WC-2-(5-10)-COMP

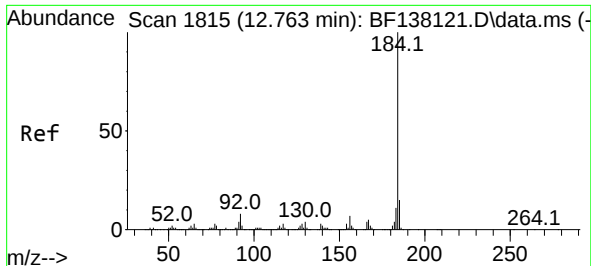
Tgt Ion:248 Resp: 35272
Ion Ratio Lower Upper
248 100
250 201.4 78.7 118.1#
141 497.7 56.5 84.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.017 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

Tgt Ion:240 Resp: 822689
Ion Ratio Lower Upper
240 100
120 11.9 9.8 14.8
236 26.3 21.2 31.8

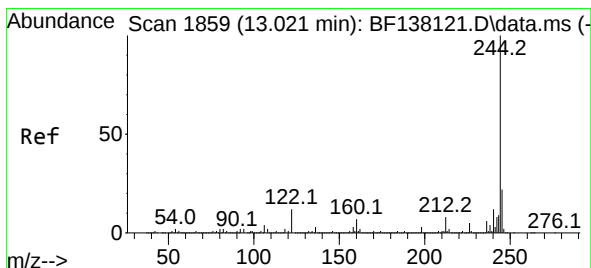
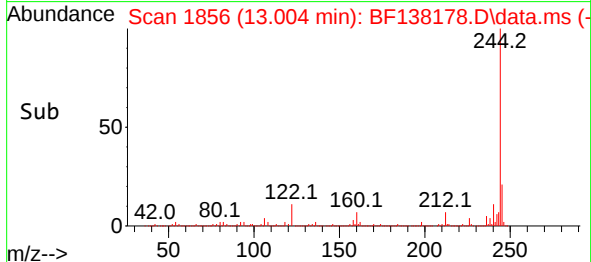
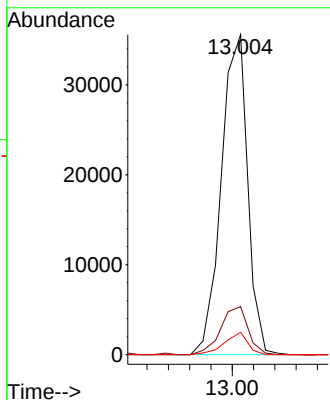
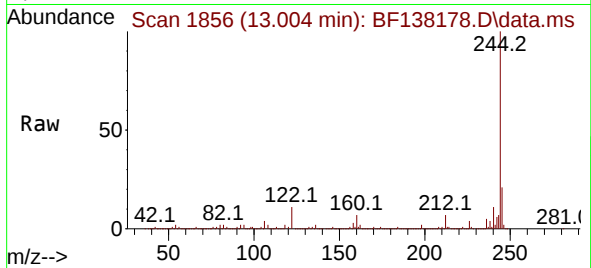




#77
Benzidine
Concen: 3.615 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.241 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

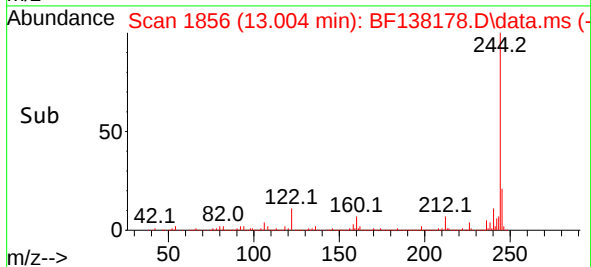
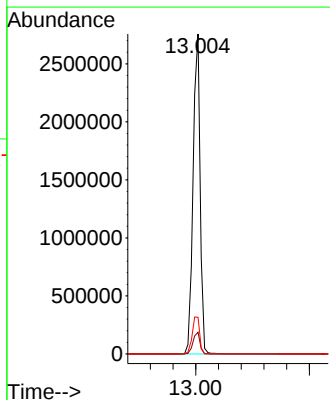
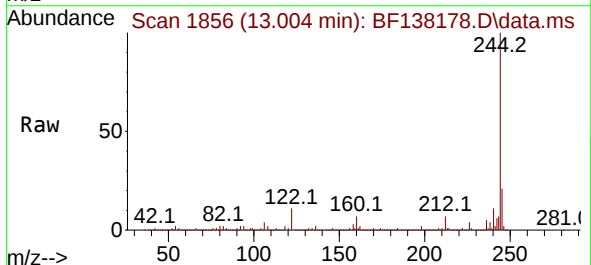
Instrument :
BNA_F
ClientSampleId :
WC-2-(5-10)-COMP

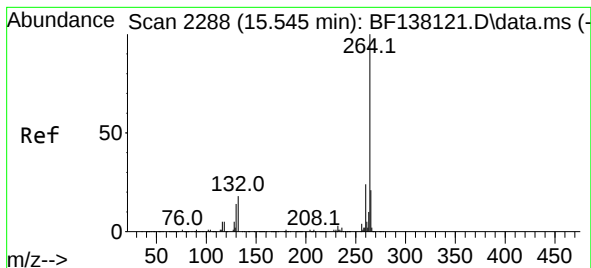
Tgt Ion:184 Resp: 30608
Ion Ratio Lower Upper
184 100
185 15.0 12.2 18.2
183 7.0 9.0 13.4#



#79
Terphenyl-d14
Concen: 43.345 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.018 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

Tgt Ion:244 Resp: 2384074
Ion Ratio Lower Upper
244 100
212 6.8 6.4 9.6
122 11.5 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF138178.D

Acq: 10 Jun 2024 18:08

Instrument :

BNA_F

ClientSampleId :

WC-2-(5-10)-COMP

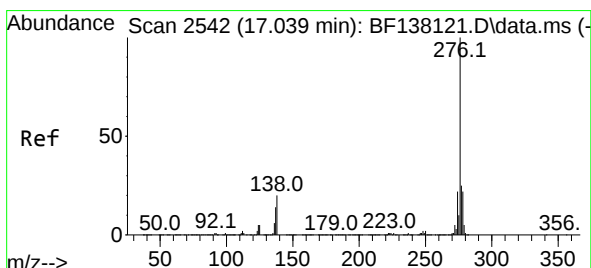
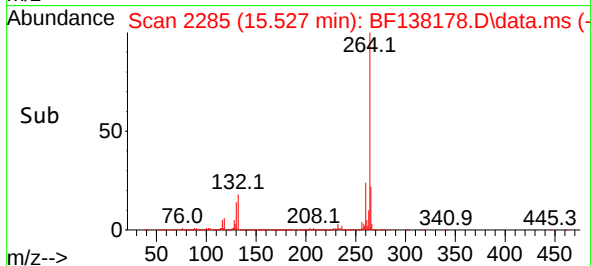
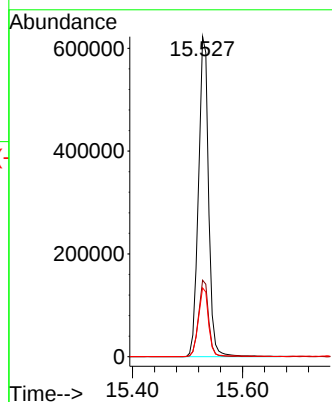
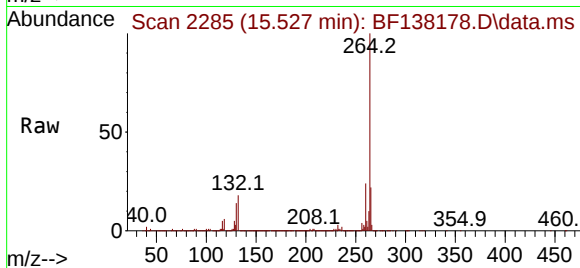
Tgt Ion:264 Resp: 796860

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.5 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.833 ng

RT: 17.004 min Scan# 2536

Delta R.T. -0.035 min

Lab File: BF138178.D

Acq: 10 Jun 2024 18:08

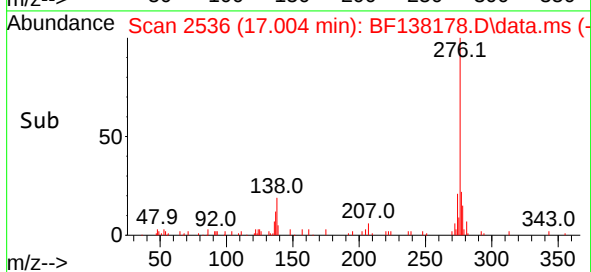
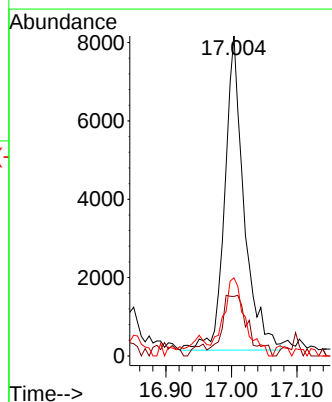
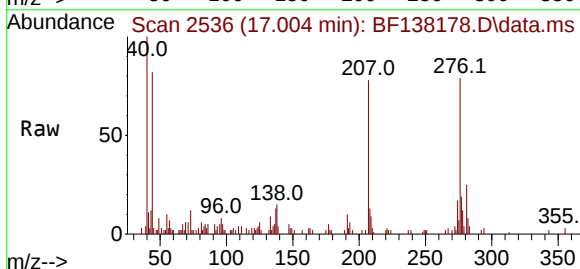
Tgt Ion:276 Resp: 16373

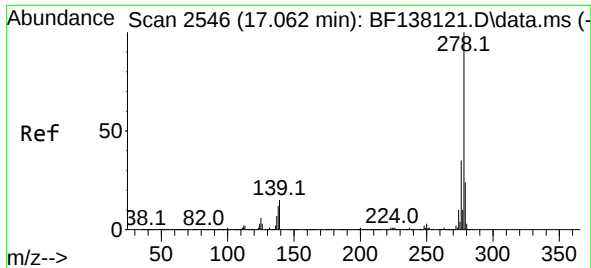
Ion Ratio Lower Upper

276 100

138 21.1 18.9 28.3

277 27.5 20.3 30.5

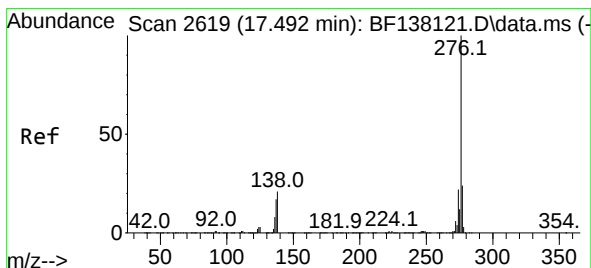
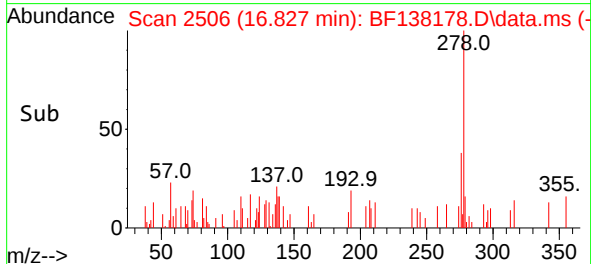
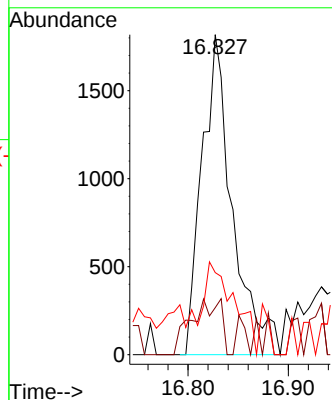
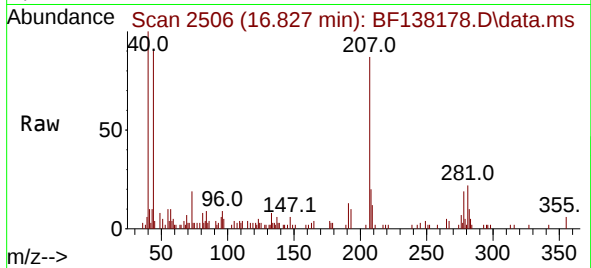




#91
Dibenzo(a,h)anthracene
Concen: 3.757 ng
RT: 16.827 min Scan# 21
Delta R.T. -0.235 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

Instrument :
BNA_F
ClientSampleId :
WC-2-(5-10)-COMP

Tgt Ion:278 Resp: 3841
Ion Ratio Lower Upper
278 100
139 14.7 11.7 17.5
279 25.6 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 3.436 ng
RT: 17.451 min Scan# 2612
Delta R.T. -0.041 min
Lab File: BF138178.D
Acq: 10 Jun 2024 18:08

Tgt Ion:276 Resp: 17354
Ion Ratio Lower Upper
276 100
277 20.7 19.0 28.4
138 23.7 16.5 24.7

