

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
 Data File : BF138334.D
 Acq On : 25 Jun 2024 15:05
 Operator : CG\JU
 Sample : P3008-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WS-6-21-24

Quant Time: Jun 25 15:32:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

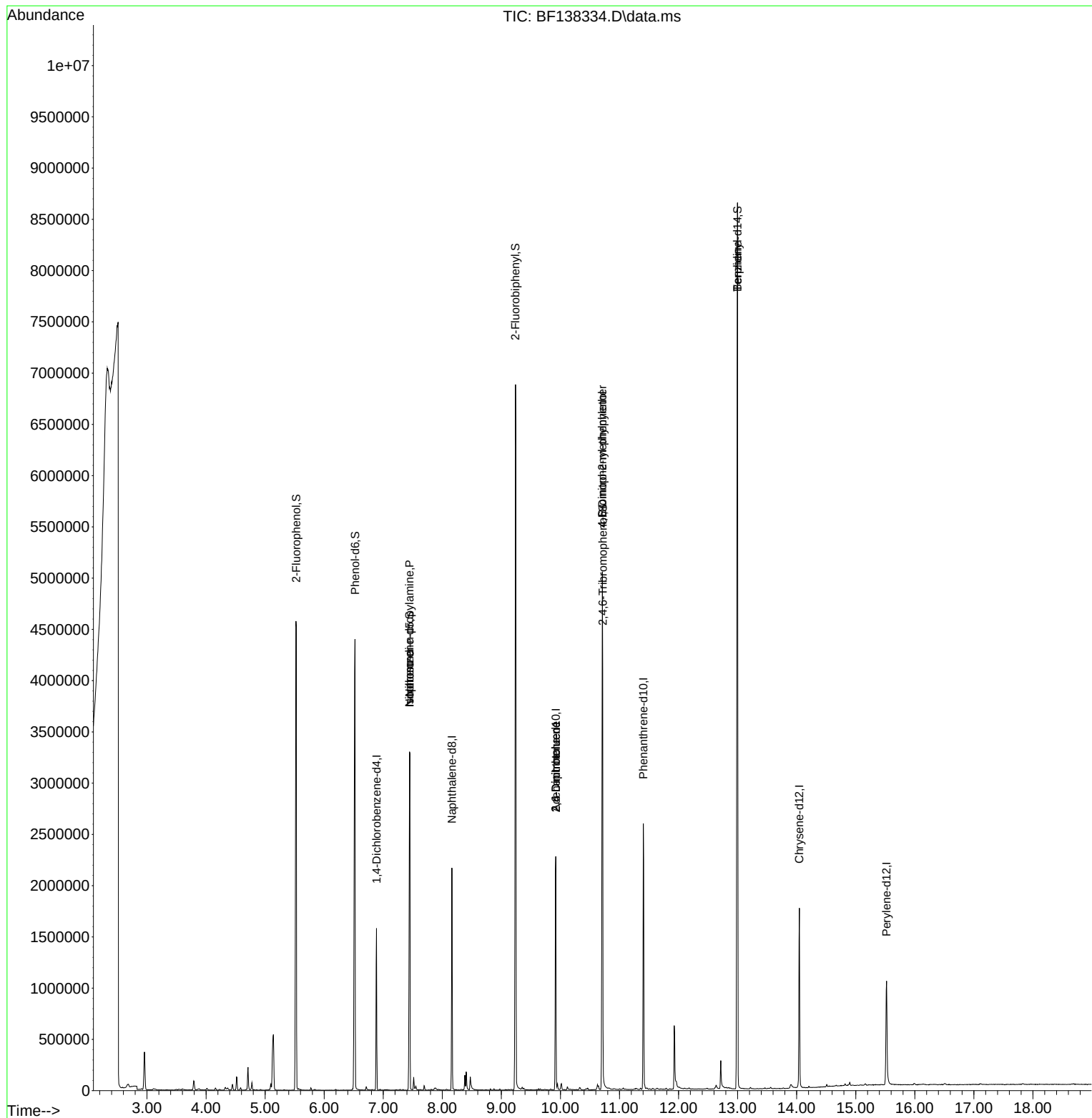
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	220238	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	870201	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	508664	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	978765	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	599880	20.000	ng	0.00
86) Perylene-d12	15.521	264	549878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1550598	117.776	ng	0.02
7) Phenol-d6	6.522	99	1866854	111.824	ng	0.00
23) Nitrobenzene-d5	7.445	82	1255631	84.002	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	774801	153.006	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2486877	77.743	ng	-0.01
79) Terphenyl-d14	12.998	244	3450712	91.107	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	167896	16.966	ng	# 78
25) Isophorone	7.445	82	1253267	46.353	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	67672	10.009	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	67675	8.115	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1647	7.217	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	49435	4.482	ng	# 1
77) Benzidine	12.998	184	45507	6.558	ng	# 94

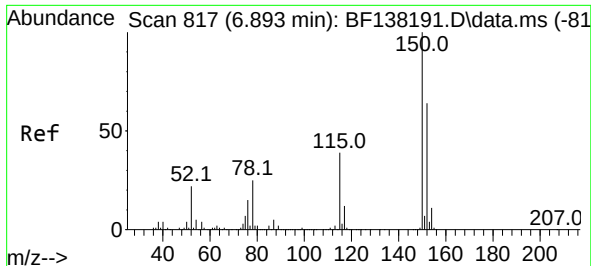
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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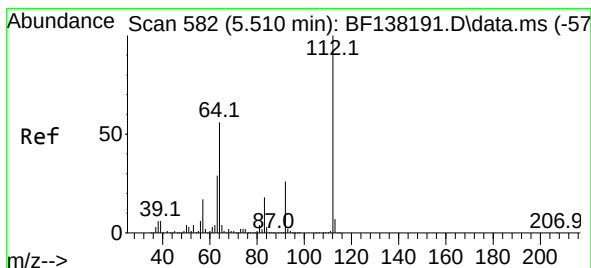
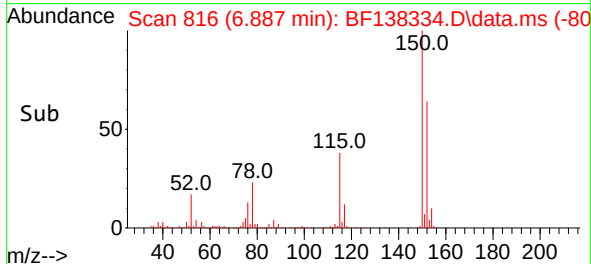
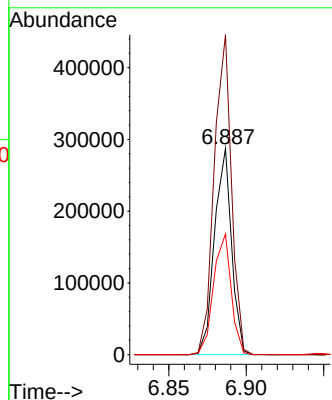
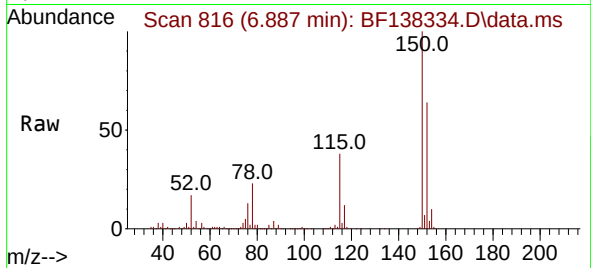




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF138334.D
Acq: 25 Jun 2024 15:05

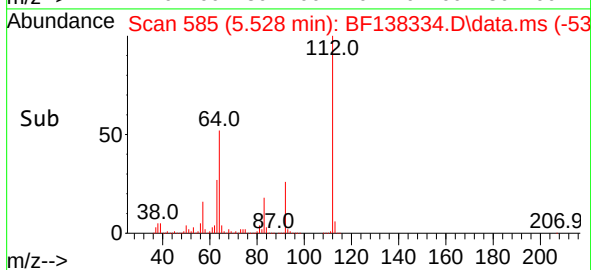
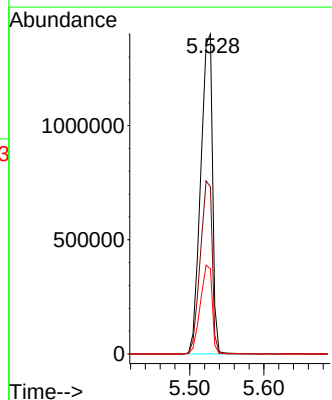
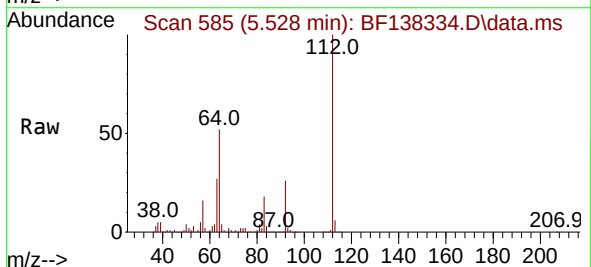
Instrument :
BNA_F
ClientSampleId :
WC-WS-6-21-24

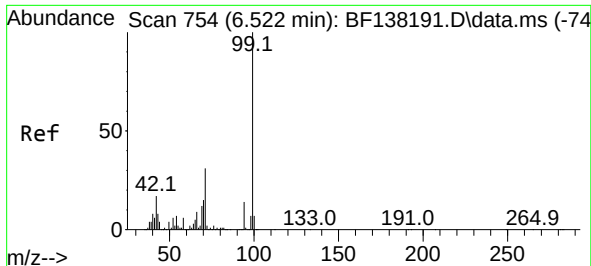
Tgt Ion:152 Resp: 220238
Ion Ratio Lower Upper
152 100
150 155.2 125.0 187.4
115 58.6 48.4 72.6



#5
2-Fluorophenol
Concen: 117.776 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF138334.D
Acq: 25 Jun 2024 15:05

Tgt Ion:112 Resp: 1550598
Ion Ratio Lower Upper
112 100
64 52.2 45.2 67.8
63 26.6 22.9 34.3





#7

Phenol-d6

Concen: 111.824 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF138334.D

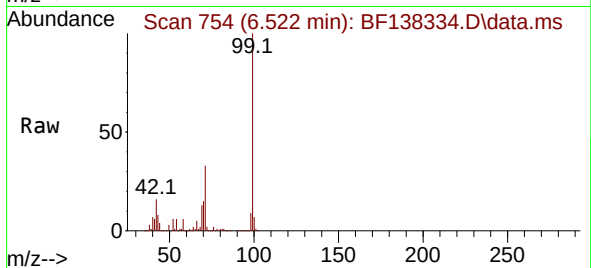
Acq: 25 Jun 2024 15:05

Instrument :

BNA_F

ClientSampleId :

WC-WS-6-21-24



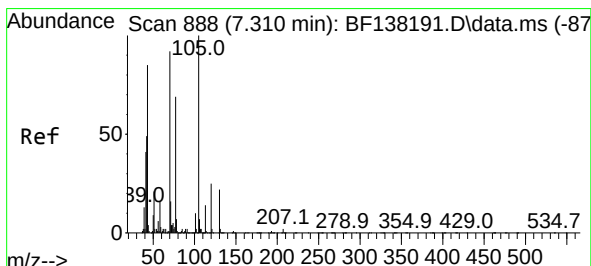
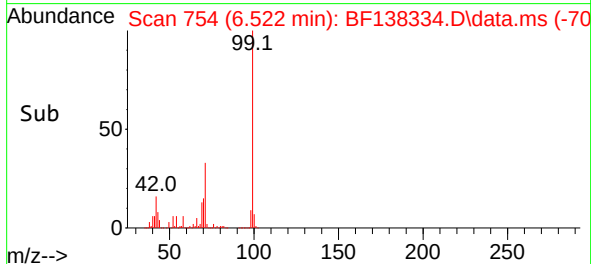
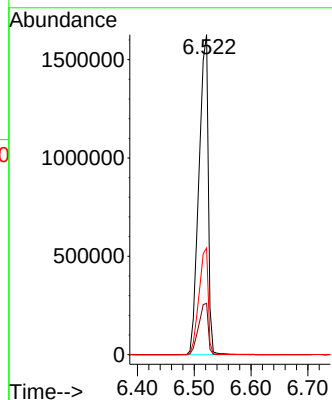
Tgt Ion: 99 Resp: 1866854

Ion Ratio Lower Upper

99 100

42 16.1 13.7 20.5

71 33.4 25.0 37.6



#19

n-Nitroso-di-n-propylamine

Concen: 16.966 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.135 min

Lab File: BF138334.D

Acq: 25 Jun 2024 15:05

Tgt Ion: 70 Resp: 167896

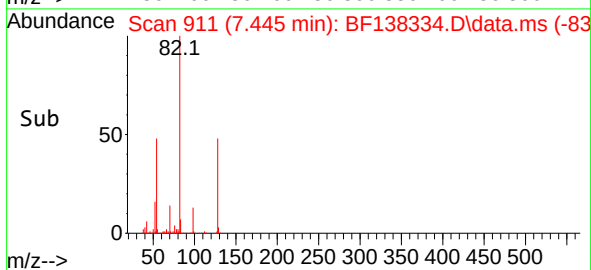
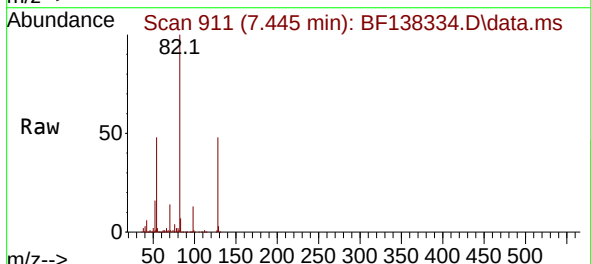
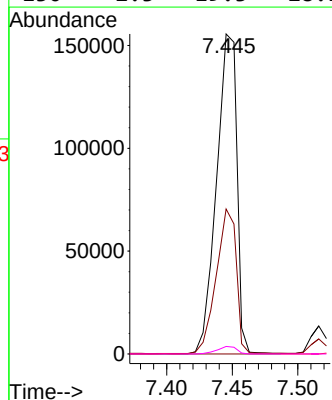
Ion Ratio Lower Upper

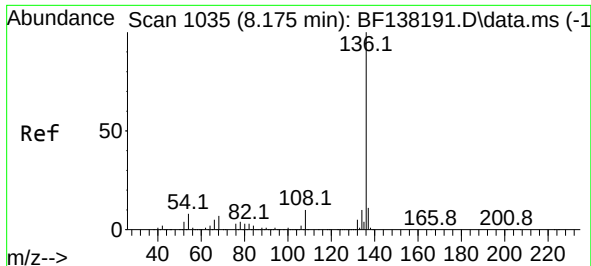
70 100

42 45.3 42.8 64.2

101 0.0 8.4 12.6#

130 2.3 19.3 28.9#

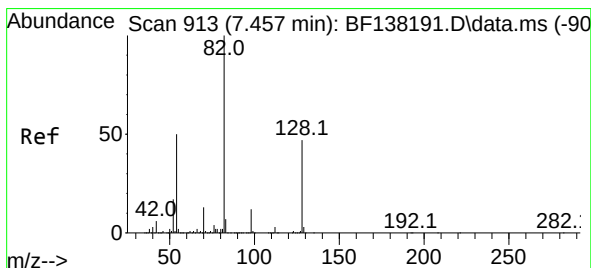
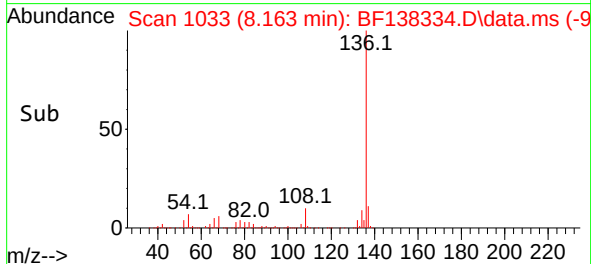
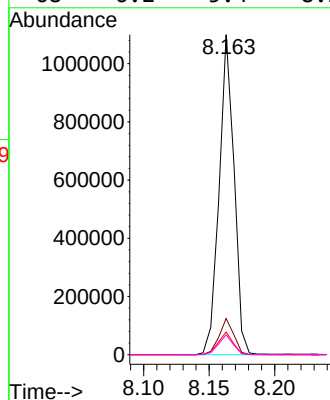
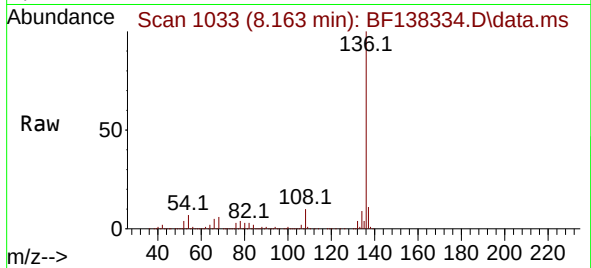




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138334.D
Acq: 25 Jun 2024 15:05

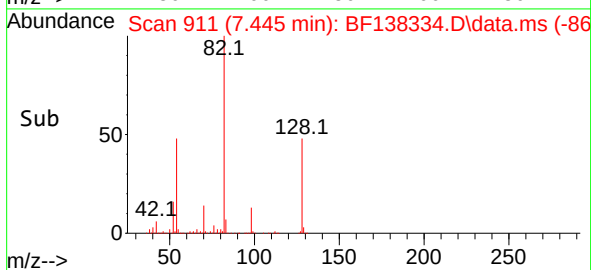
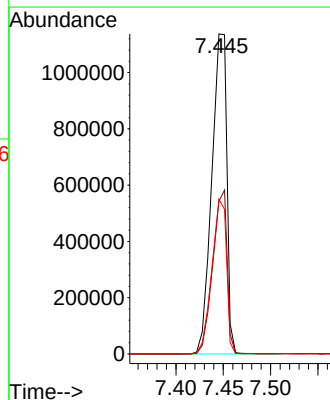
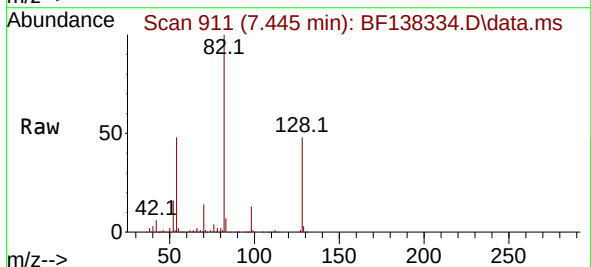
Instrument :
BNA_F
ClientSampleId :
WC-WS-6-21-24

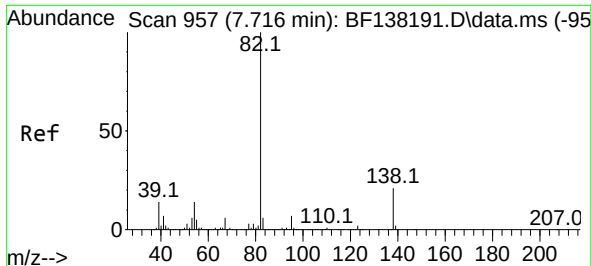
Tgt Ion:136 Resp: 870201
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.1 6.6 10.0
68 6.2 5.4 8.2



#23
Nitrobenzene-d5
Concen: 84.002 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138334.D
Acq: 25 Jun 2024 15:05

Tgt Ion: 82 Resp: 1255631
Ion Ratio Lower Upper
82 100
128 47.8 37.2 55.8
54 48.4 39.8 59.6

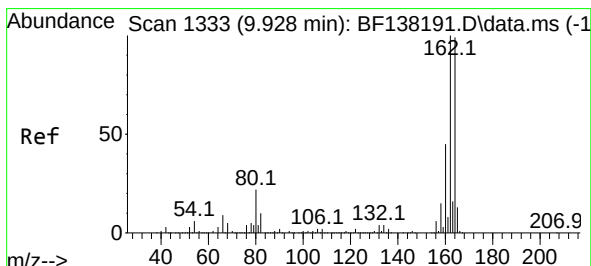
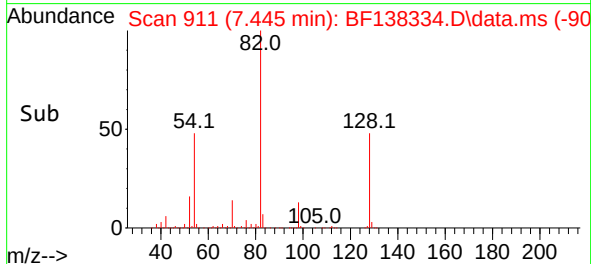
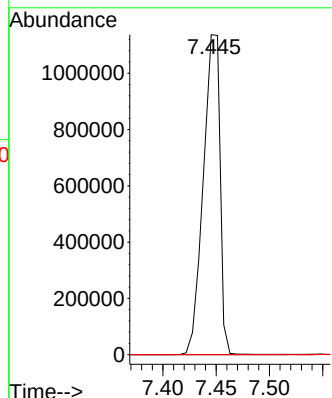
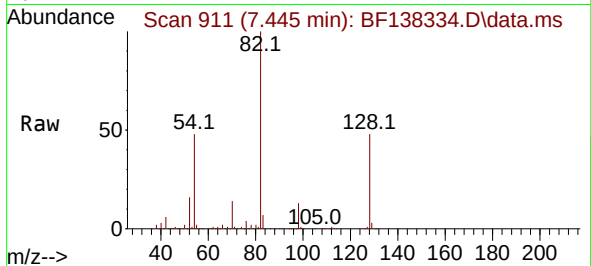




#25
Isophorone
Concen: 46.353 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138334.D
Acq: 25 Jun 2024 15:05

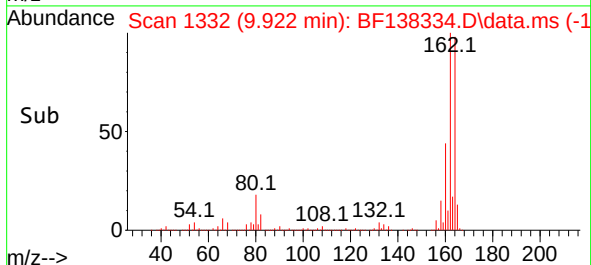
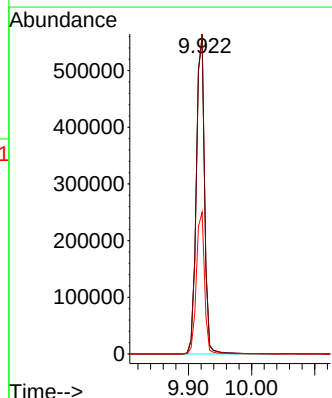
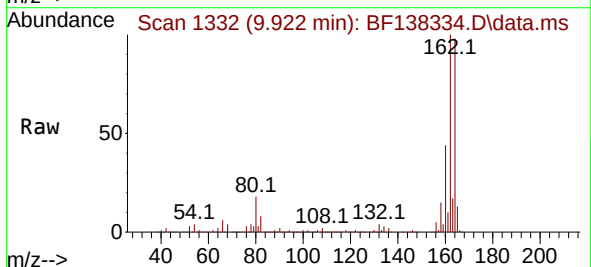
Instrument :
BNA_F
ClientSampleId :
WC-WS-6-21-24

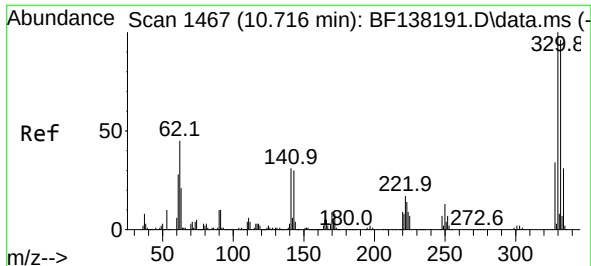
Tgt Ion: 82 Resp: 1253267
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138334.D
Acq: 25 Jun 2024 15:05

Tgt Ion:164 Resp: 508664
Ion Ratio Lower Upper
164 100
162 101.8 80.6 121.0
160 45.1 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 153.006 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF138334.D

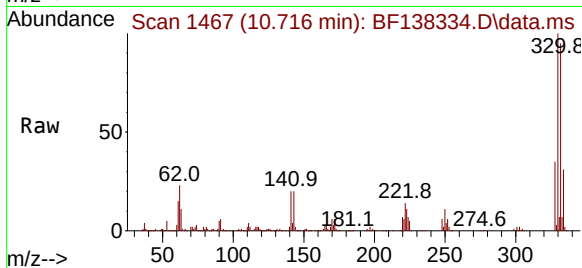
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Instrument :

BNA_F

ClientSampleId :

WC-WS-6-21-24



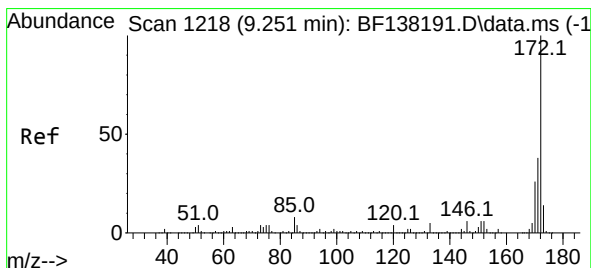
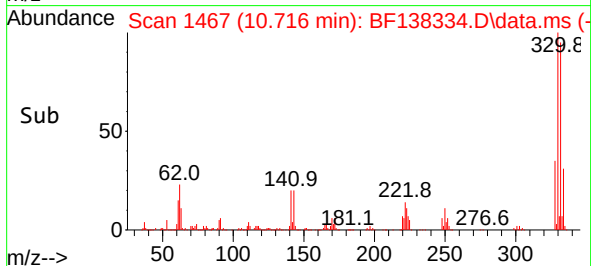
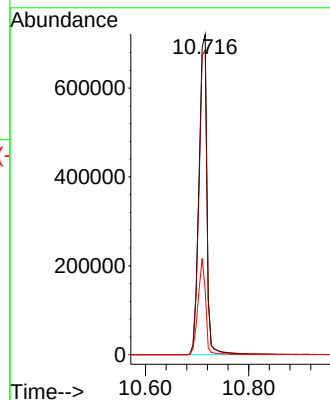
Tgt Ion:330 Resp: 774801

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

141 28.7 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 77.743 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138334.D

Acq: 25 Jun 2024 15:05

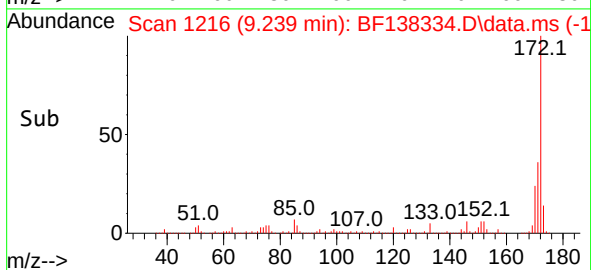
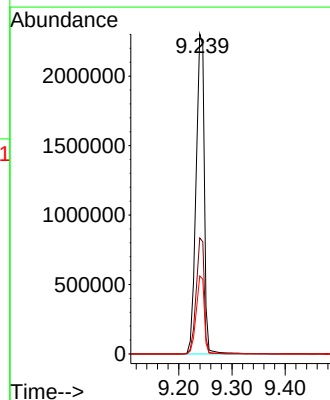
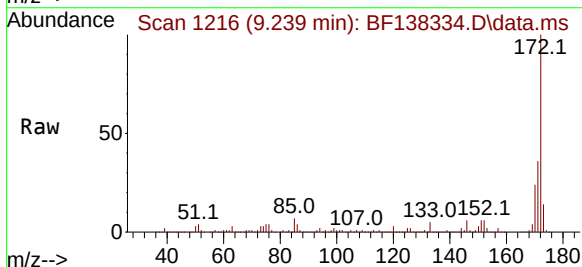
Tgt Ion:172 Resp: 2486877

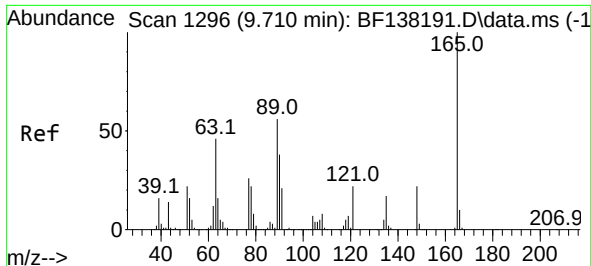
Ion Ratio Lower Upper

172 100

171 36.2 30.3 45.5

170 24.3 20.6 30.8

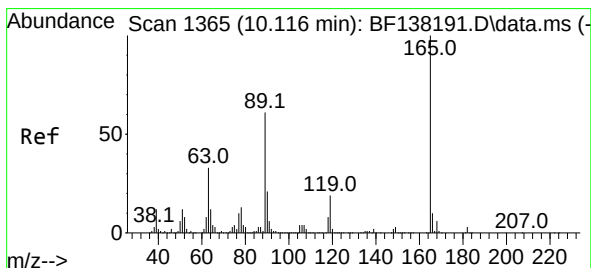
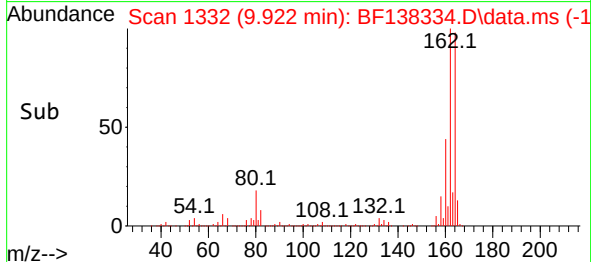
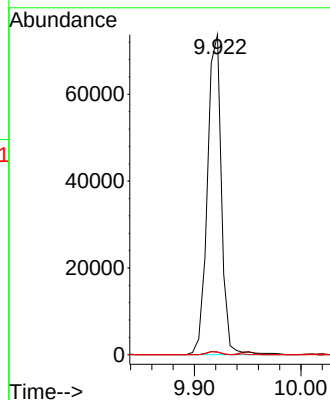
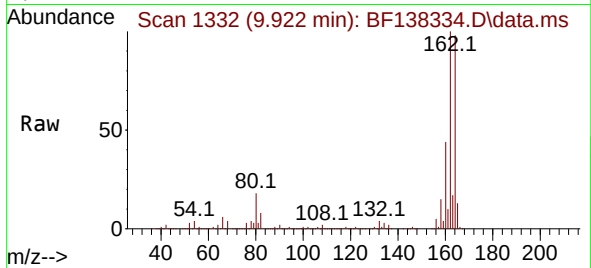




#51
2,6-Dinitrotoluene
Concen: 10.009 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138334.D
Acq: 25 Jun 2024 15:05

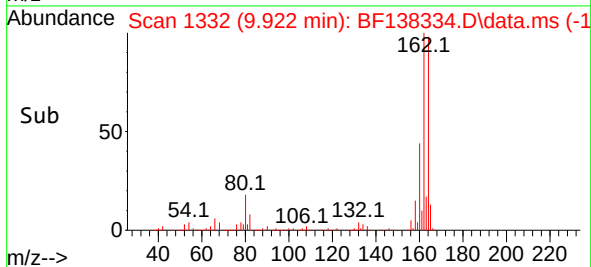
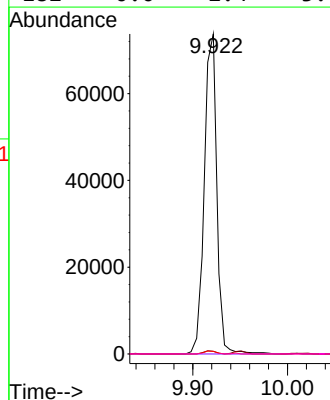
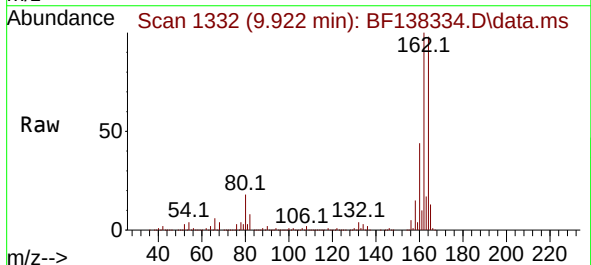
Instrument :
BNA_F
ClientSampleId :
WC-WS-6-21-24

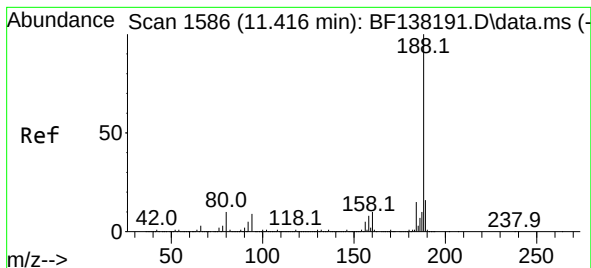
Tgt Ion:165 Resp: 67672
Ion Ratio Lower Upper
165 100
63 0.8 43.7 65.5#
89 0.8 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 8.115 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138334.D
Acq: 25 Jun 2024 15:05

Tgt Ion:165 Resp: 67675
Ion Ratio Lower Upper
165 100
63 0.8 26.6 39.8#
89 0.8 48.7 73.1#
182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138334.D

Acq: 25 Jun 2024 15:05

Instrument :

BNA_F

ClientSampleId :

WC-WS-6-21-24

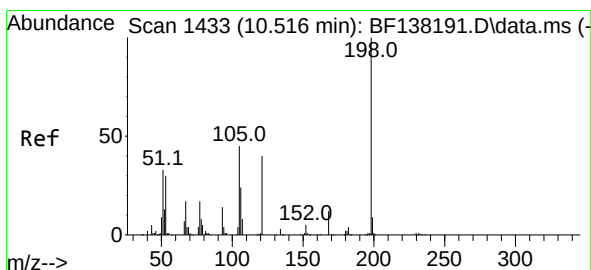
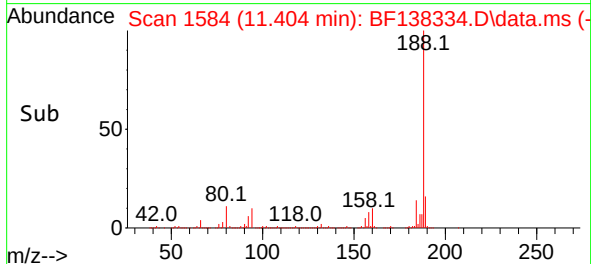
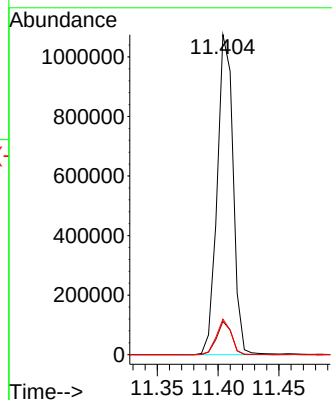
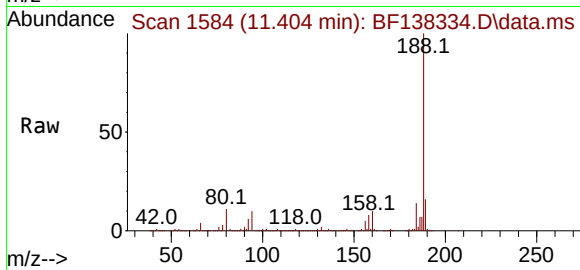
Tgt Ion:188 Resp: 978765

Ion Ratio Lower Upper

188 100

94 10.4 7.6 11.4

80 11.1 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.217 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138334.D

Acq: 25 Jun 2024 15:05

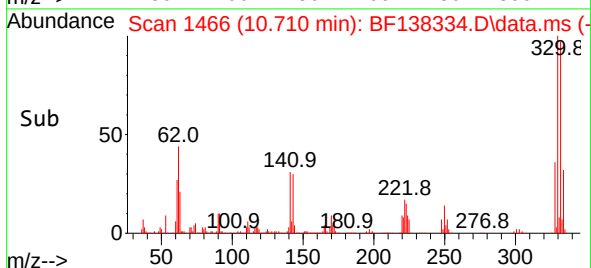
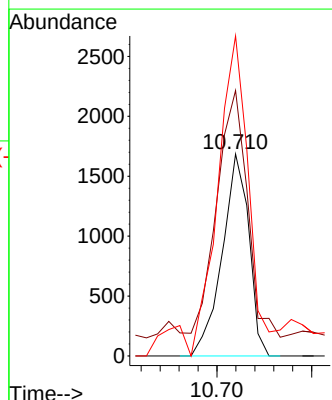
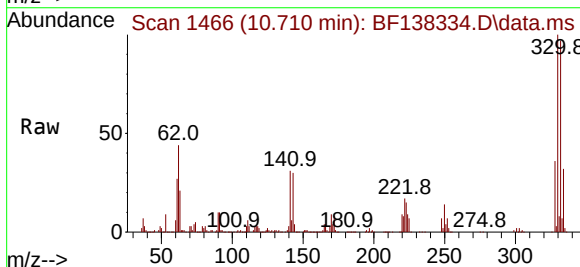
Tgt Ion:198 Resp: 1647

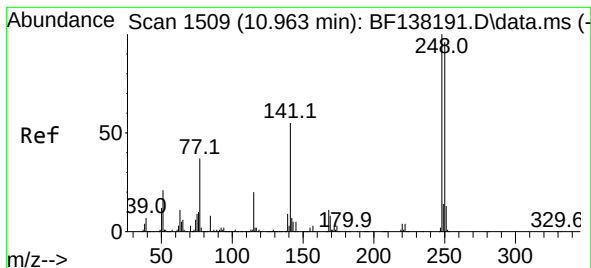
Ion Ratio Lower Upper

198 100

51 131.5 26.9 66.9#

105 158.5 26.0 66.0#

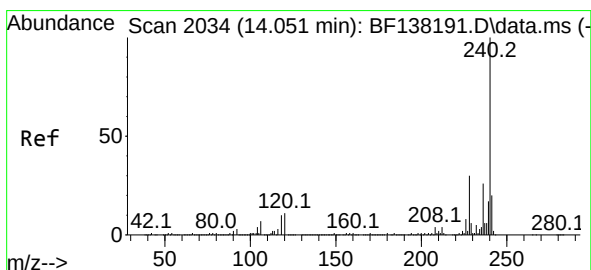
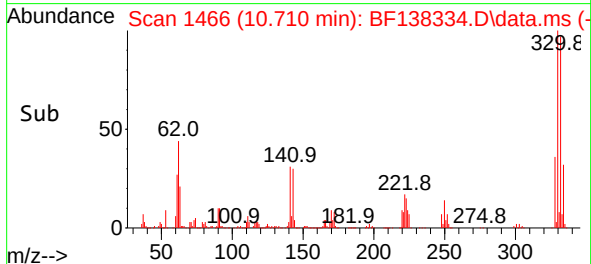
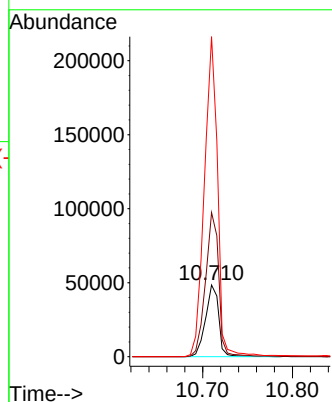
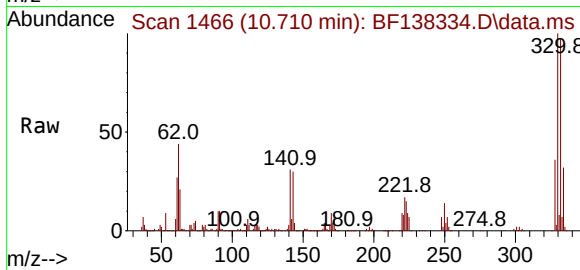




#67
4-Bromophenyl-phenylether
Concen: 4.482 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF138334.D
Acq: 25 Jun 2024 15:05

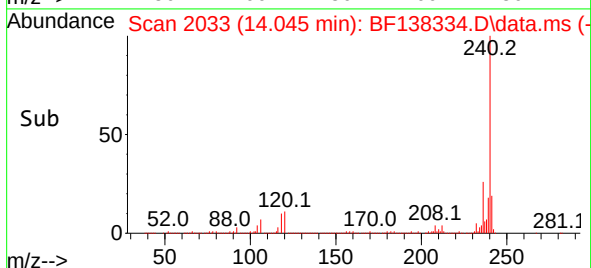
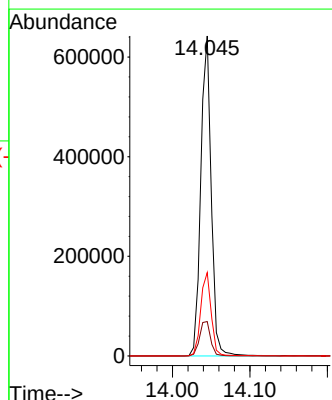
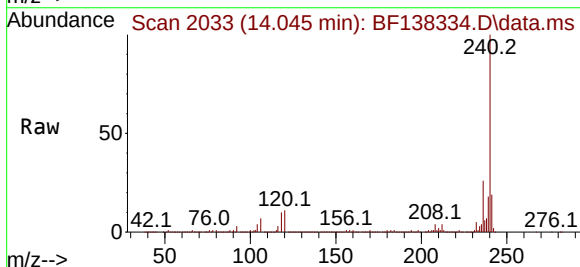
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BNA_F
ClientSampleId :
WC-WS-6-21-24

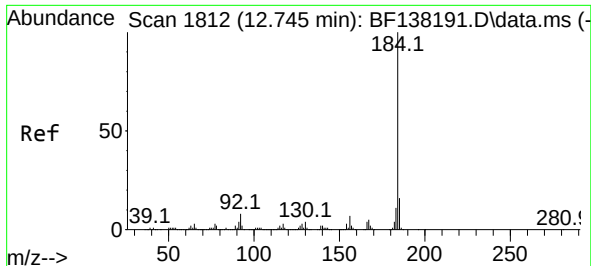
Tgt Ion:248 Resp: 49435
Ion Ratio Lower Upper
248 100
250 201.4 77.2 115.8#
141 446.8 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138334.D
Acq: 25 Jun 2024 15:05

Tgt Ion:240 Resp: 599880
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 26.1 21.0 31.6

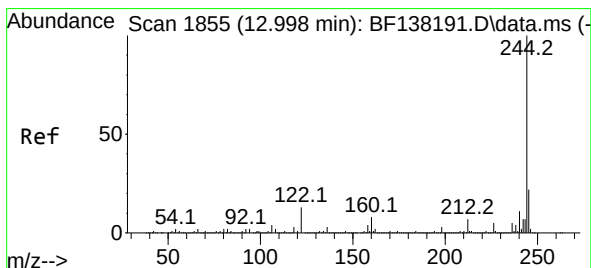
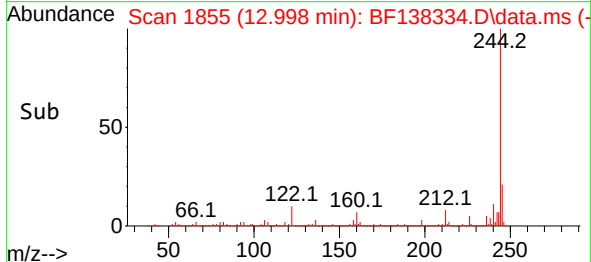
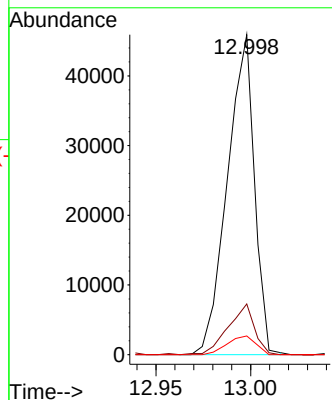
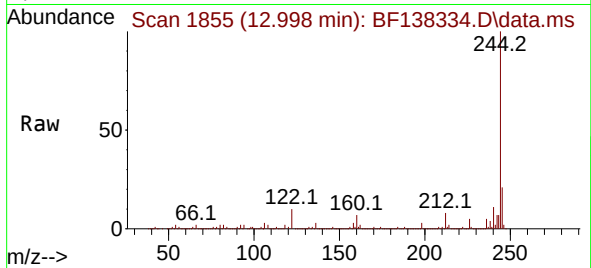




#77
Benzidine
Concen: 6.558 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.253 min
Lab File: BF138334.D
Acq: 25 Jun 2024 15:05

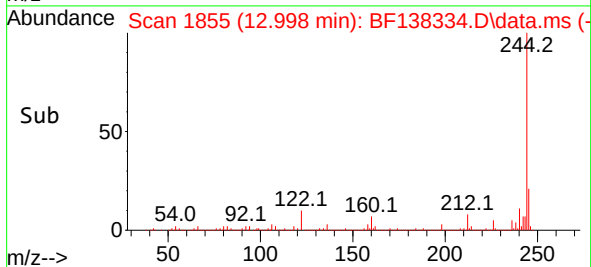
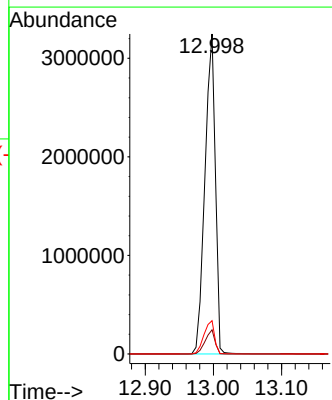
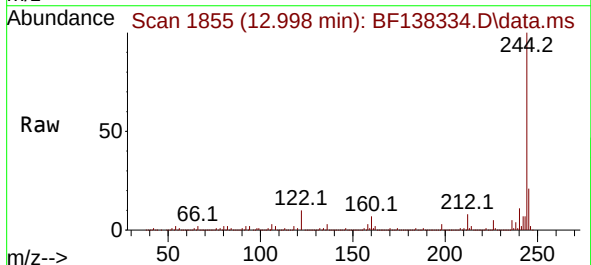
Instrument :
BNA_F
ClientSampleId :
WC-WS-6-21-24

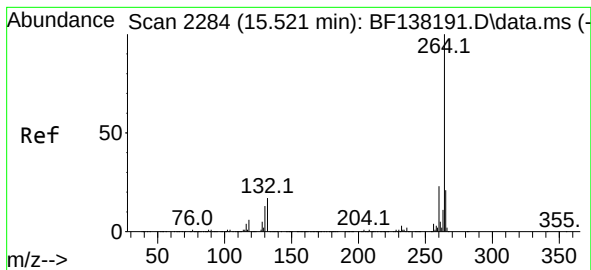
Tgt Ion:184 Resp: 45507
Ion Ratio Lower Upper
184 100
185 15.9 12.6 19.0
183 5.9 9.0 13.6#



#79
Terphenyl-d14
Concen: 91.107 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BF138334.D
Acq: 25 Jun 2024 15:05

Tgt Ion:244 Resp: 3450712
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 10.4 10.6 15.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF138334.D
 Acq: 25 Jun 2024 15:05

Instrument :
 BNA_F
 ClientSampleId :
 WC-WS-6-21-24

Tgt Ion:264 Resp: 549878
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.9 17.0 25.6

