

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
 Data File : BF138205.D
 Acq On : 17 Jun 2024 15:33
 Operator : CG\JU
 Sample : P2864-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-H

Quant Time: Jun 17 16:02:19 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)

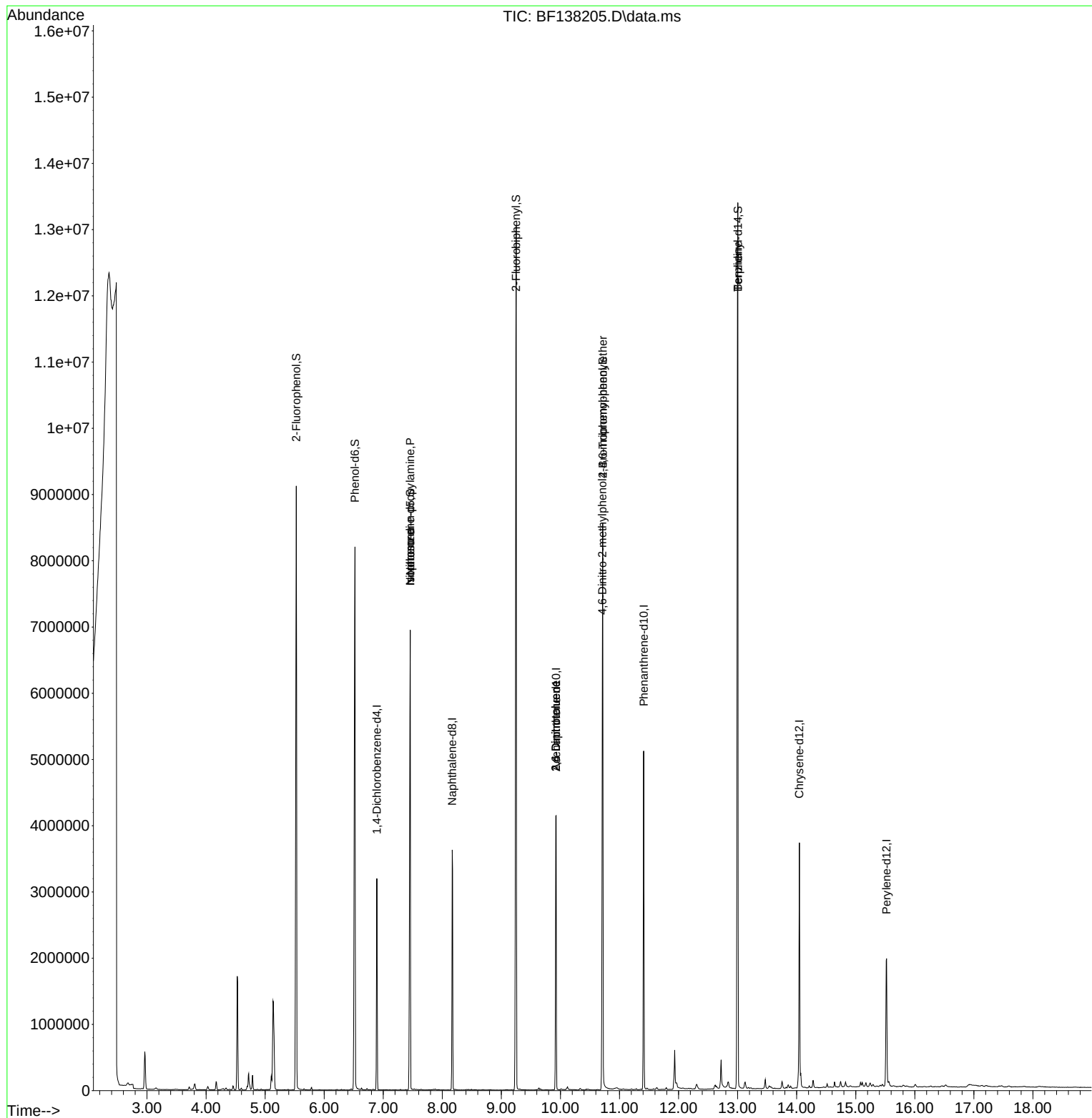
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	416413	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1636123	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	928716	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1676277	20.000	ng	0.00
76) Chrysene-d12	14.045	240	1102876	20.000	ng	0.00
86) Perylene-d12	15.521	264	930456	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2924671	117.491	ng	0.02
7) Phenol-d6	6.522	99	3420322	108.358	ng	0.00
23) Nitrobenzene-d5	7.457	82	2378102	84.617	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	1183299	127.985	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	4243314	72.654	ng	0.00
79) Terphenyl-d14	13.004	244	5121083	73.543	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	323942	17.314	ng	# 77
25) Isophorone	7.457	82	2375461	46.729	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	122858	9.952	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	122858	8.069	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	2659	7.201	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	78886	4.176	ng	# 1
77) Benzidine	13.004	184	72711	5.700	ng	# 95

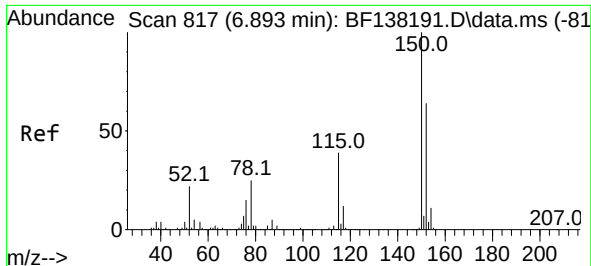
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
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Quant Time: Jun 17 16:02:19 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

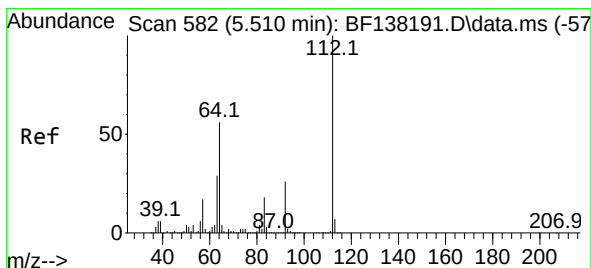
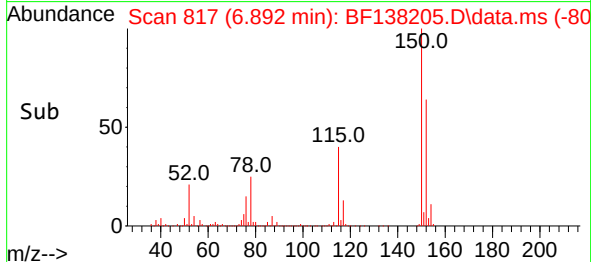
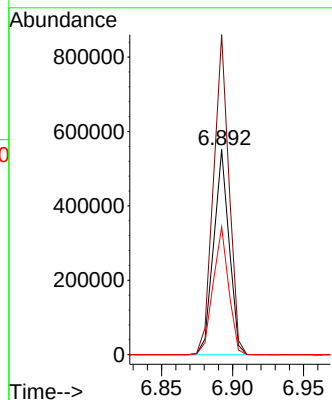
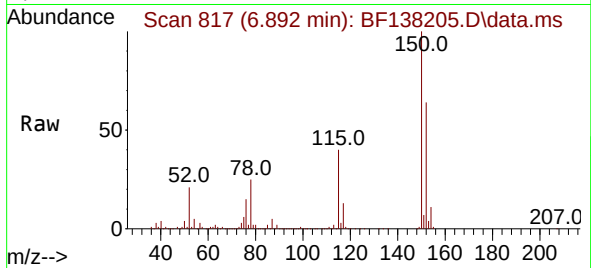




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF138205.D
Acq: 17 Jun 2024 15:33

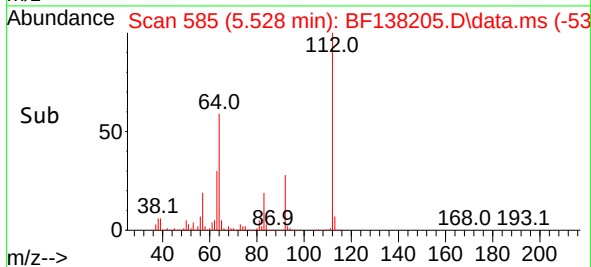
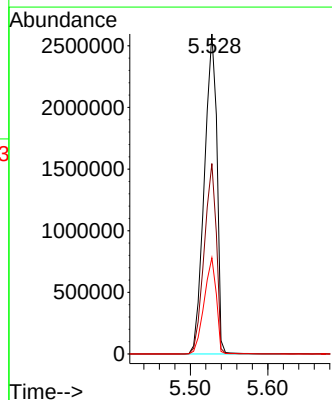
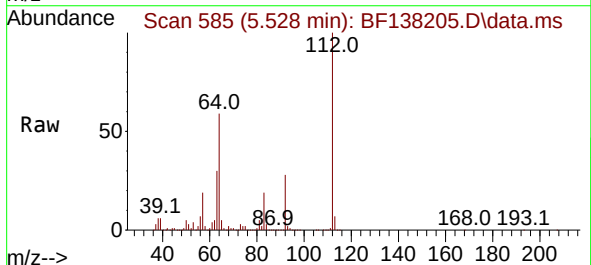
Instrument :
BNA_F
ClientSampleId :
WC-H

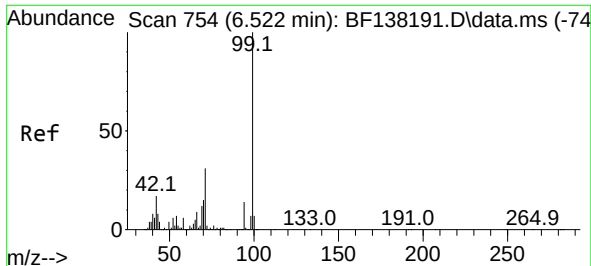
Tgt Ion:152 Resp: 416413
Ion Ratio Lower Upper
152 100
150 156.0 125.0 187.4
115 62.3 48.4 72.6



#5
2-Fluorophenol
Concen: 117.491 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.017 min
Lab File: BF138205.D
Acq: 17 Jun 2024 15:33

Tgt Ion:112 Resp: 2924671
Ion Ratio Lower Upper
112 100
64 59.5 45.2 67.8
63 30.1 22.9 34.3

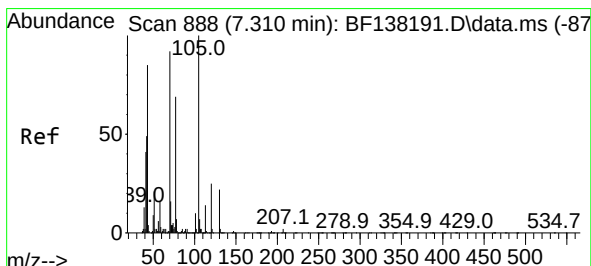
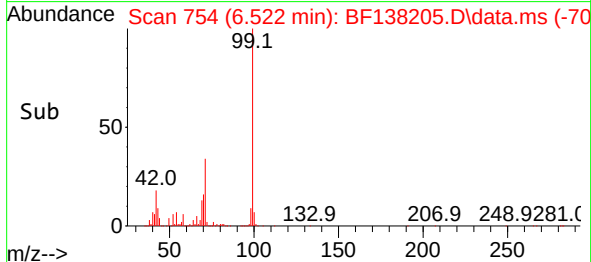
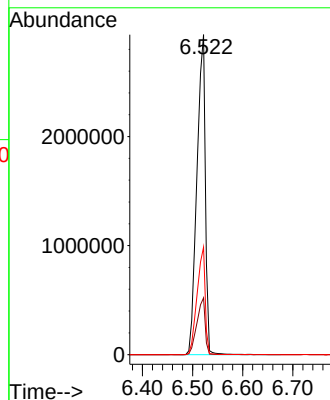
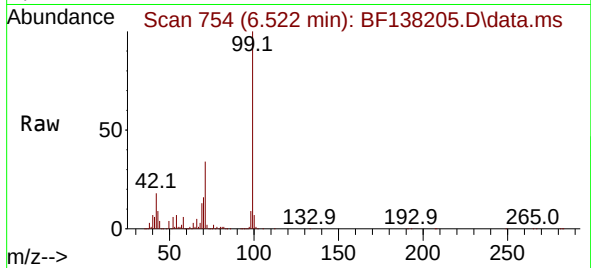




#7
Phenol-d6
Concen: 108.358 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138205.D
Acq: 17 Jun 2024 15:33

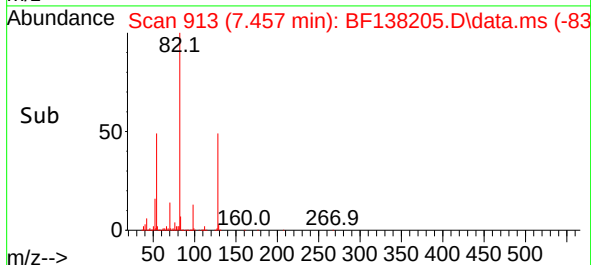
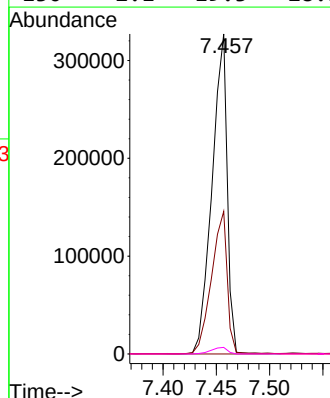
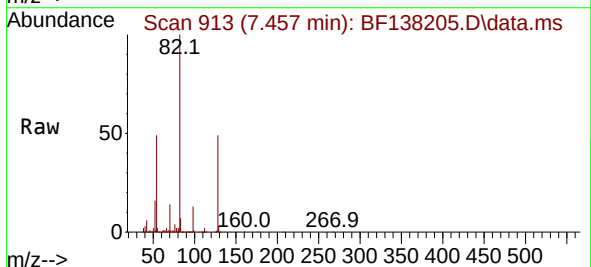
Instrument :
BNA_F
ClientSampleId :
WC-H

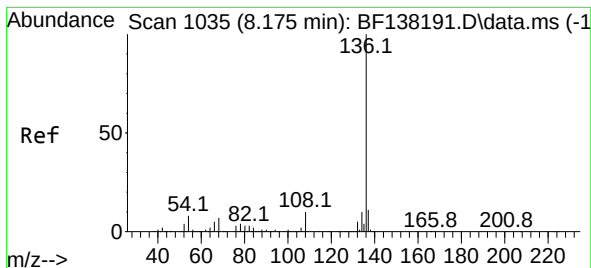
Tgt Ion: 99 Resp: 3420322
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 33.6 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.314 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF138205.D
Acq: 17 Jun 2024 15:33

Tgt Ion: 70 Resp: 323942
Ion Ratio Lower Upper
70 100
42 44.6 42.8 64.2
101 0.0 8.4 12.6#
130 2.1 19.3 28.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF138205.D

Acq: 17 Jun 2024 15:33

Instrument :

BNA_F

ClientSampleId :

WC-H

Tgt Ion:136 Resp: 1636123

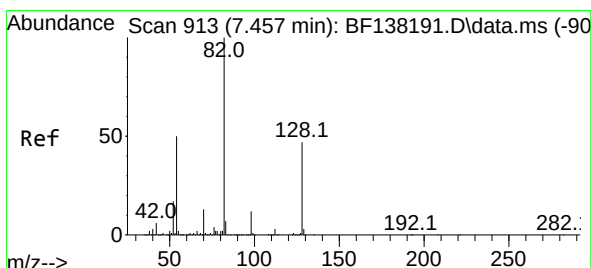
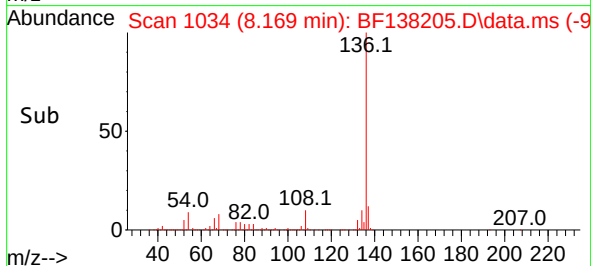
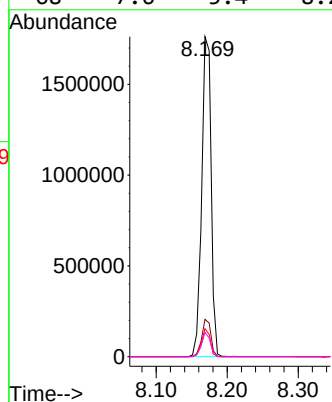
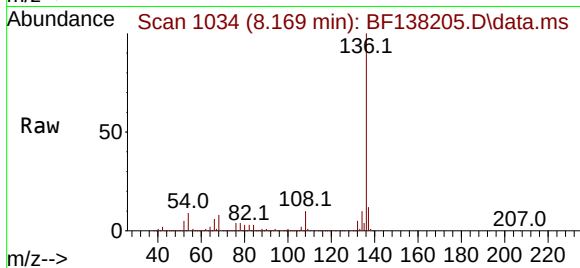
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 8.7 6.6 10.0

68 7.6 5.4 8.2



#23

Nitrobenzene-d5

Concen: 84.617 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF138205.D

Acq: 17 Jun 2024 15:33

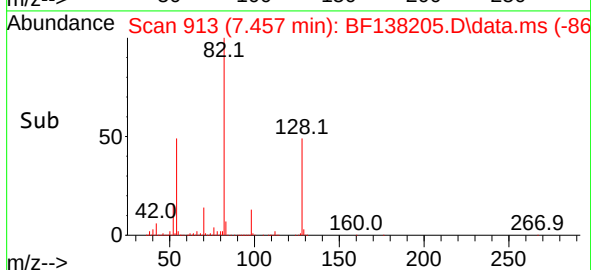
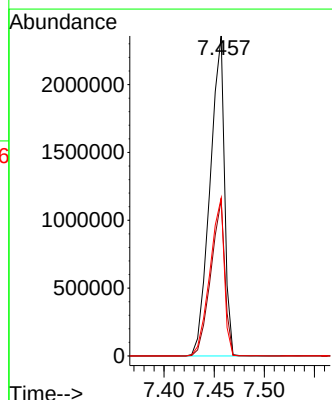
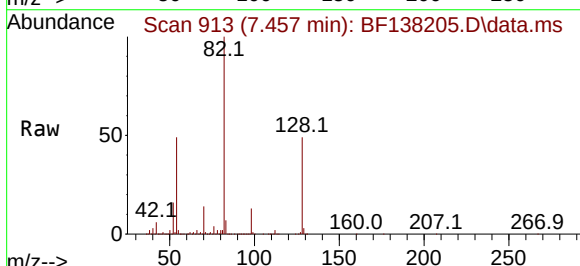
Tgt Ion: 82 Resp: 2378102

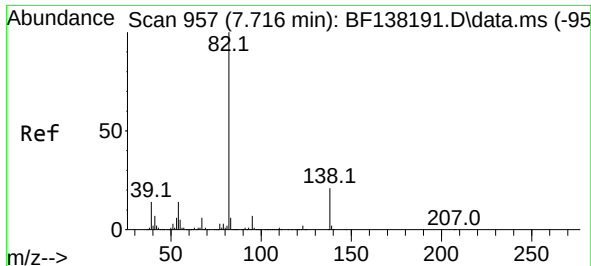
Ion Ratio Lower Upper

82 100

128 48.8 37.2 55.8

54 49.3 39.8 59.6

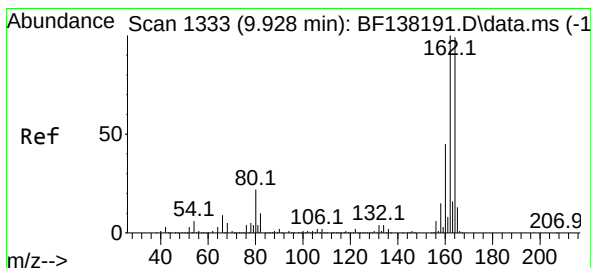
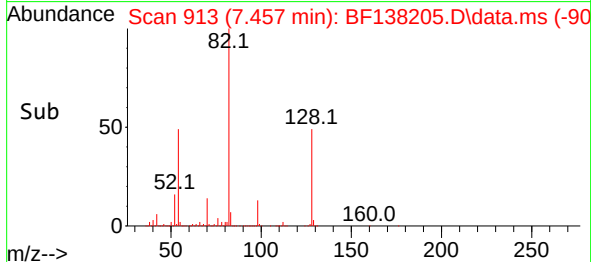
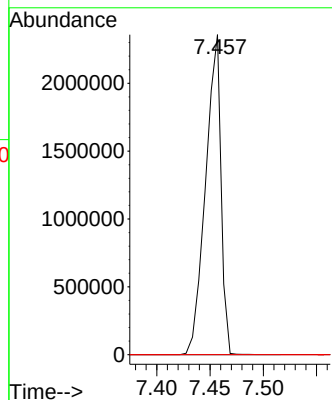
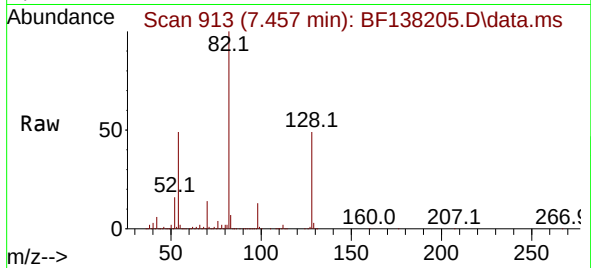




#25
Isophorone
Concen: 46.729 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.259 min
Lab File: BF138205.D
Acq: 17 Jun 2024 15:33

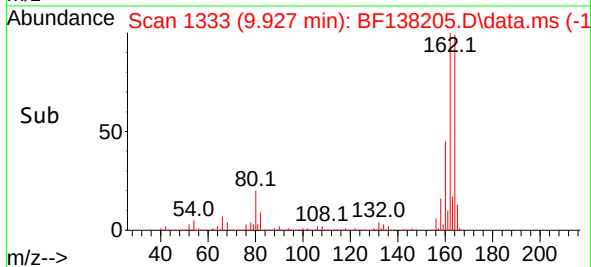
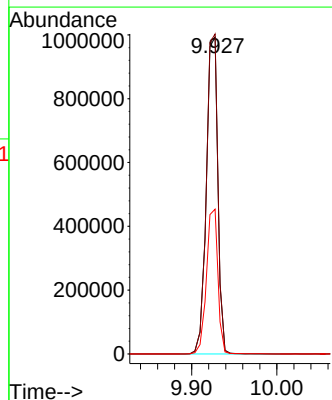
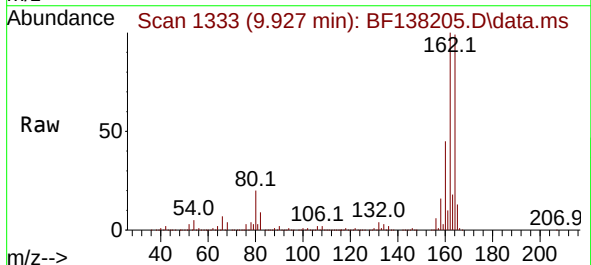
Instrument :
BNA_F
ClientSampleId :
WC-H

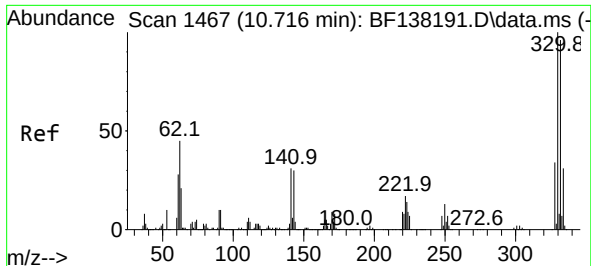
Tgt Ion: 82 Resp: 2375461
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF138205.D
Acq: 17 Jun 2024 15:33

Tgt Ion:164 Resp: 928716
Ion Ratio Lower Upper
164 100
162 101.0 80.6 121.0
160 45.7 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 127.985 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF138205.D

Acq: 17 Jun 2024 15:33

Instrument :

BNA_F

ClientSampleId :

WC-H

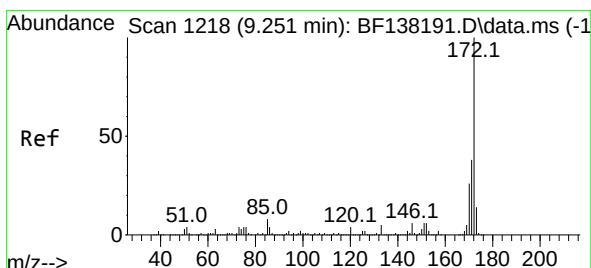
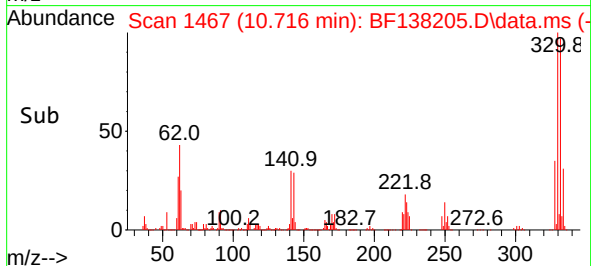
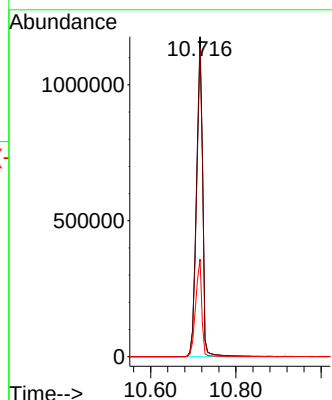
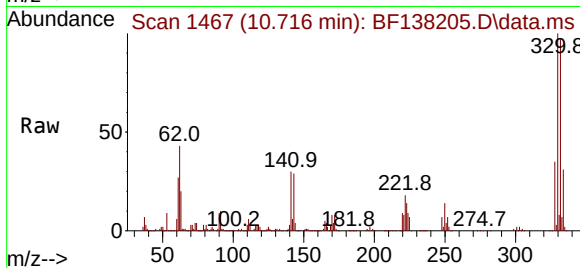
Tgt Ion:330 Resp: 1183299

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

141 30.5 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 72.654 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF138205.D

Acq: 17 Jun 2024 15:33

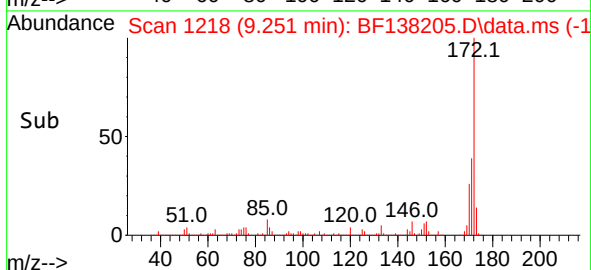
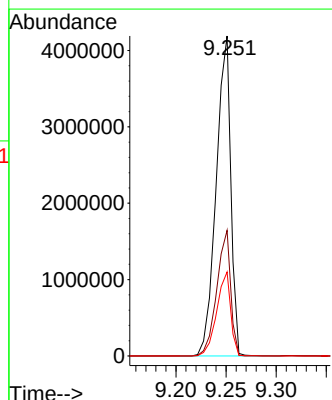
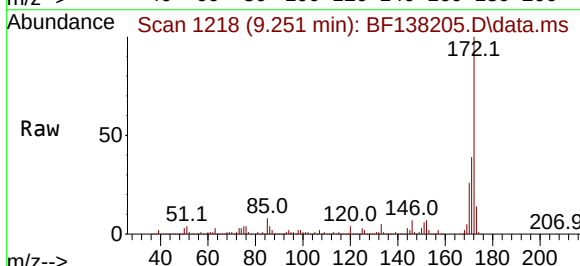
Tgt Ion:172 Resp: 4243314

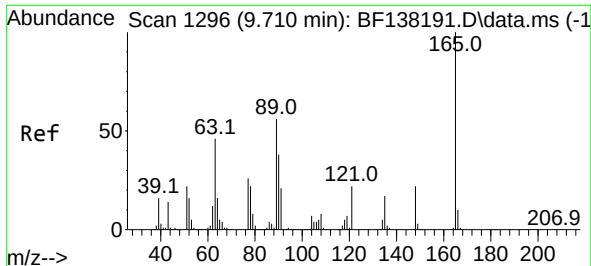
Ion Ratio Lower Upper

172 100

171 39.2 30.3 45.5

170 26.3 20.6 30.8

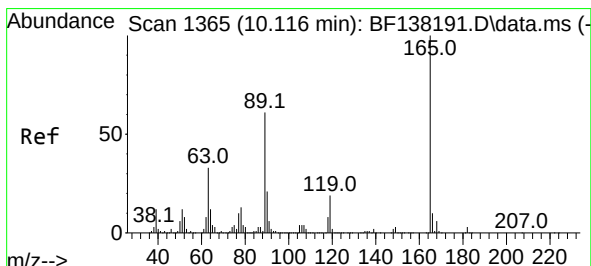
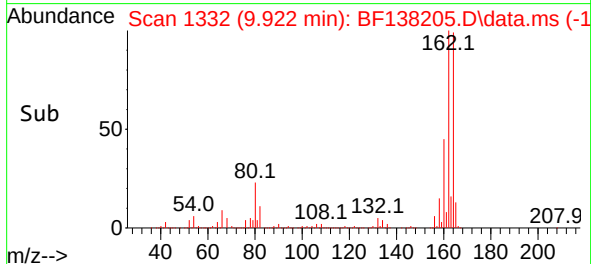
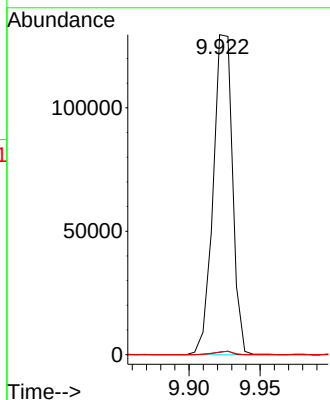
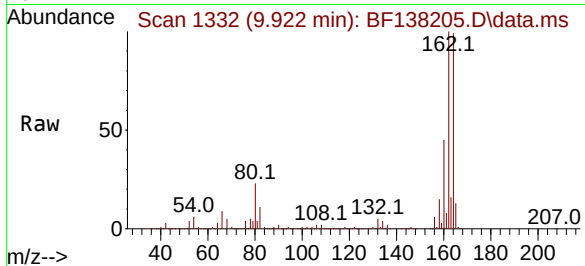




#51
2,6-Dinitrotoluene
Concen: 9.952 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.212 min
Lab File: BF138205.D
Acq: 17 Jun 2024 15:33

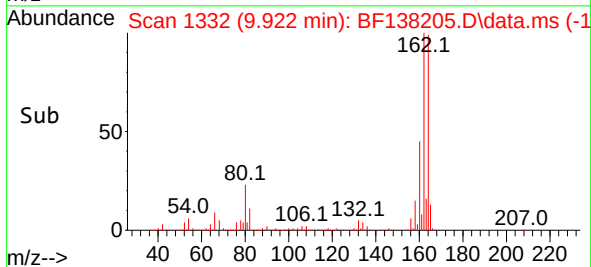
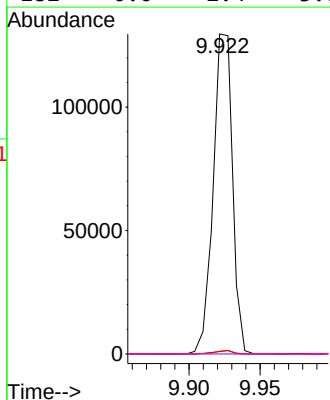
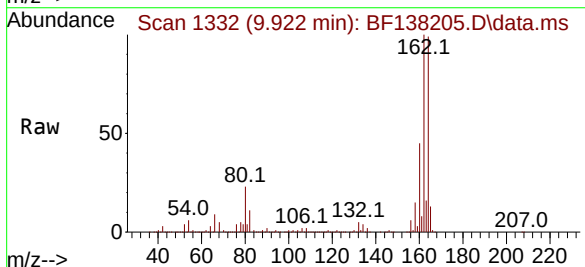
Instrument :
BNA_F
ClientSampleId :
WC-H

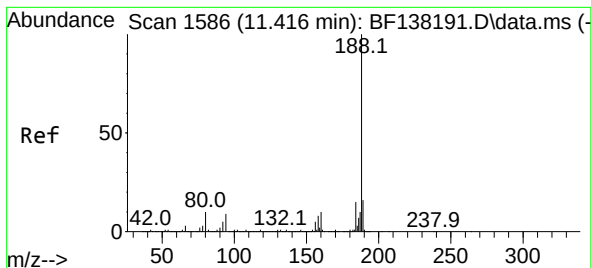
Tgt Ion:165 Resp: 122858
Ion Ratio Lower Upper
165 100
63 0.8 43.7 65.5#
89 0.9 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 8.069 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138205.D
Acq: 17 Jun 2024 15:33

Tgt Ion:165 Resp: 122858
Ion Ratio Lower Upper
165 100
63 0.8 26.6 39.8#
89 0.9 48.7 73.1#
182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138205.D

Acq: 17 Jun 2024 15:33

Instrument :

BNA_F

ClientSampleId :

WC-H

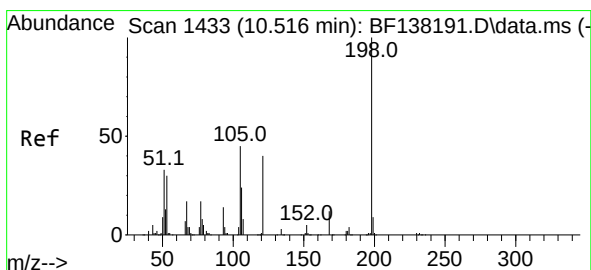
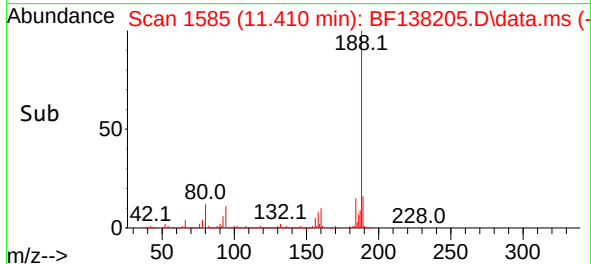
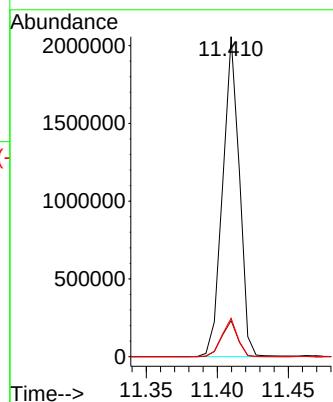
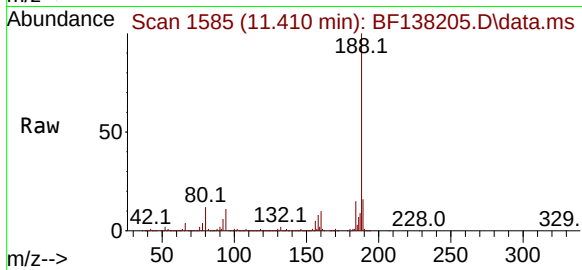
Tgt Ion:188 Resp: 1676277

Ion Ratio Lower Upper

188 100

94 11.3 7.6 11.4

80 12.0 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.201 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138205.D

Acq: 17 Jun 2024 15:33

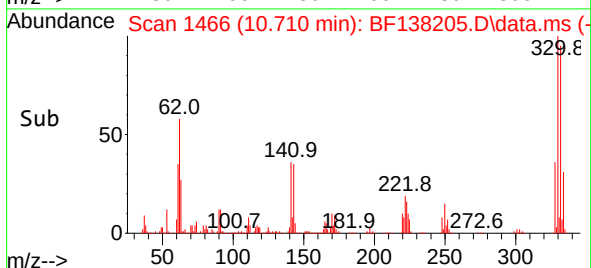
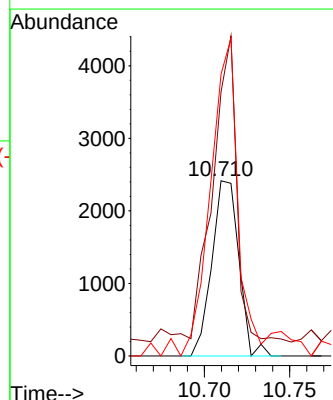
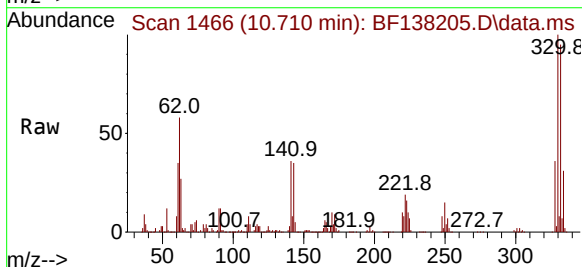
Tgt Ion:198 Resp: 2659

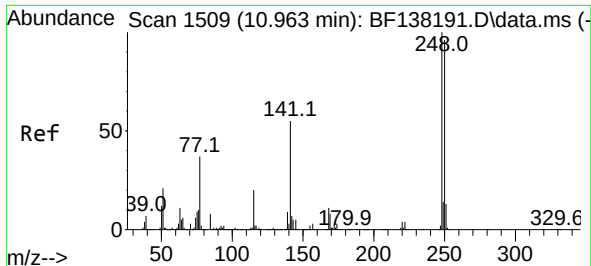
Ion Ratio Lower Upper

198 100

51 150.7 26.9 66.9#

105 160.8 26.0 66.0#

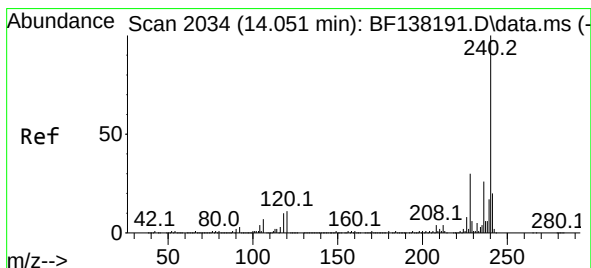
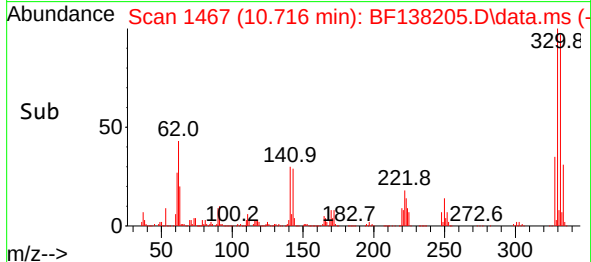
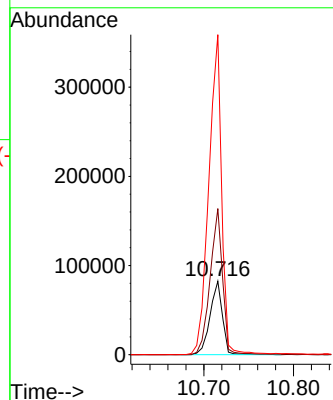
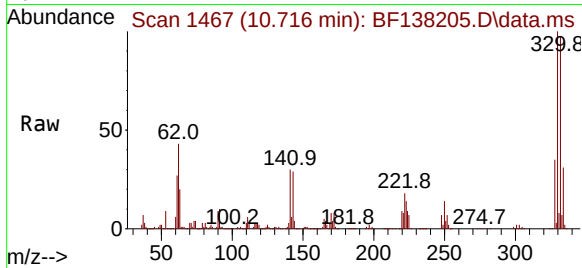




#67
4-Bromophenyl-phenylether
Concen: 4.176 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF138205.D
Acq: 17 Jun 2024 15:33

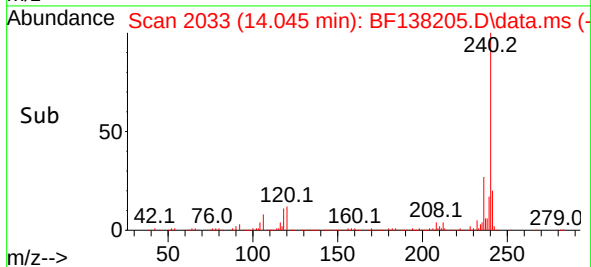
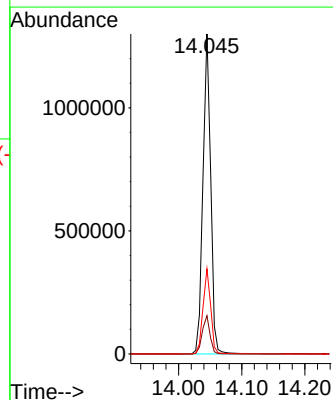
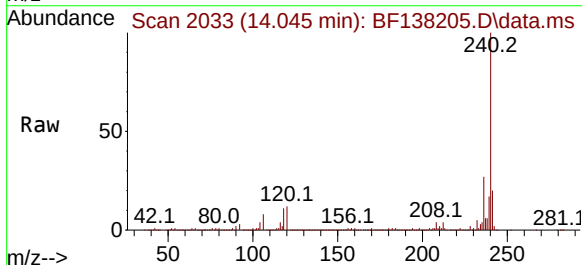
Instrument :
BNA_F
ClientSampleId :
WC-H

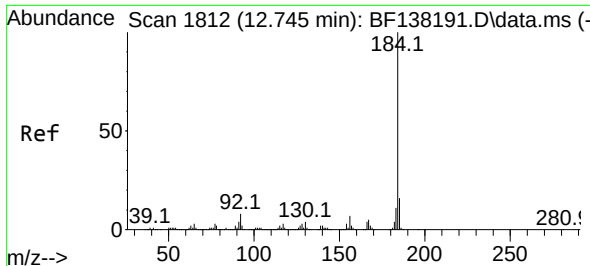
Tgt Ion:248 Resp: 78886
Ion Ratio Lower Upper
248 100
250 198.8 77.2 115.8#
141 435.6 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138205.D
Acq: 17 Jun 2024 15:33

Tgt Ion:240 Resp: 1102876
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 26.6 21.0 31.6

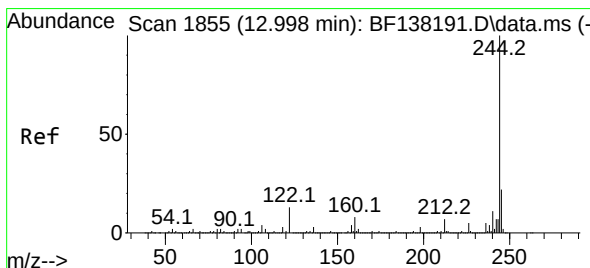
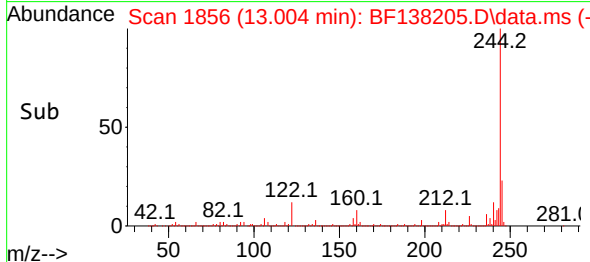
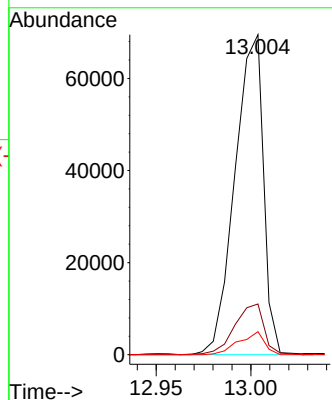
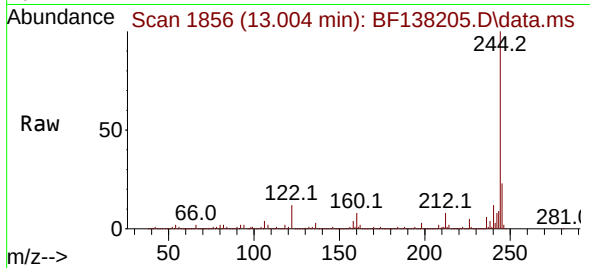




#77
Benzidine
Concen: 5.700 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.259 min
Lab File: BF138205.D
Acq: 17 Jun 2024 15:33

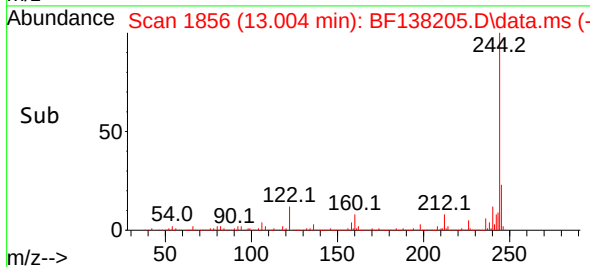
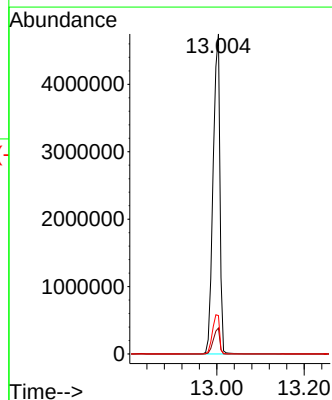
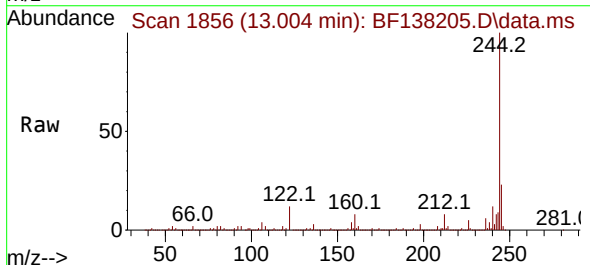
Instrument :
BNA_F
ClientSampleId :
WC-H

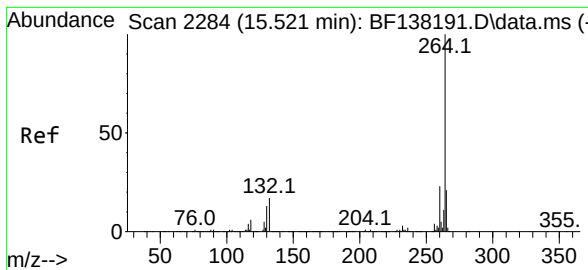
Tgt Ion:184 Resp: 72711
Ion Ratio Lower Upper
184 100
185 15.8 12.6 19.0
183 7.2 9.0 13.6#



#79
Terphenyl-d14
Concen: 73.543 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.006 min
Lab File: BF138205.D
Acq: 17 Jun 2024 15:33

Tgt Ion:244 Resp: 5121083
Ion Ratio Lower Upper
244 100
212 8.1 5.9 8.9
122 12.0 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: BF138205.D
Acq: 17 Jun 2024 15:33

Instrument :
BNA_F
ClientSampleId :
WC-H

Tgt Ion:264 Resp: 930456

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.7	28.1
265	21.9	17.0	25.6

