

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
 Data File : BF138208.D
 Acq On : 17 Jun 2024 17:01
 Operator : CG\JU
 Sample : P2864-08RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-I

Quant Time: Jun 17 17:26:22 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)

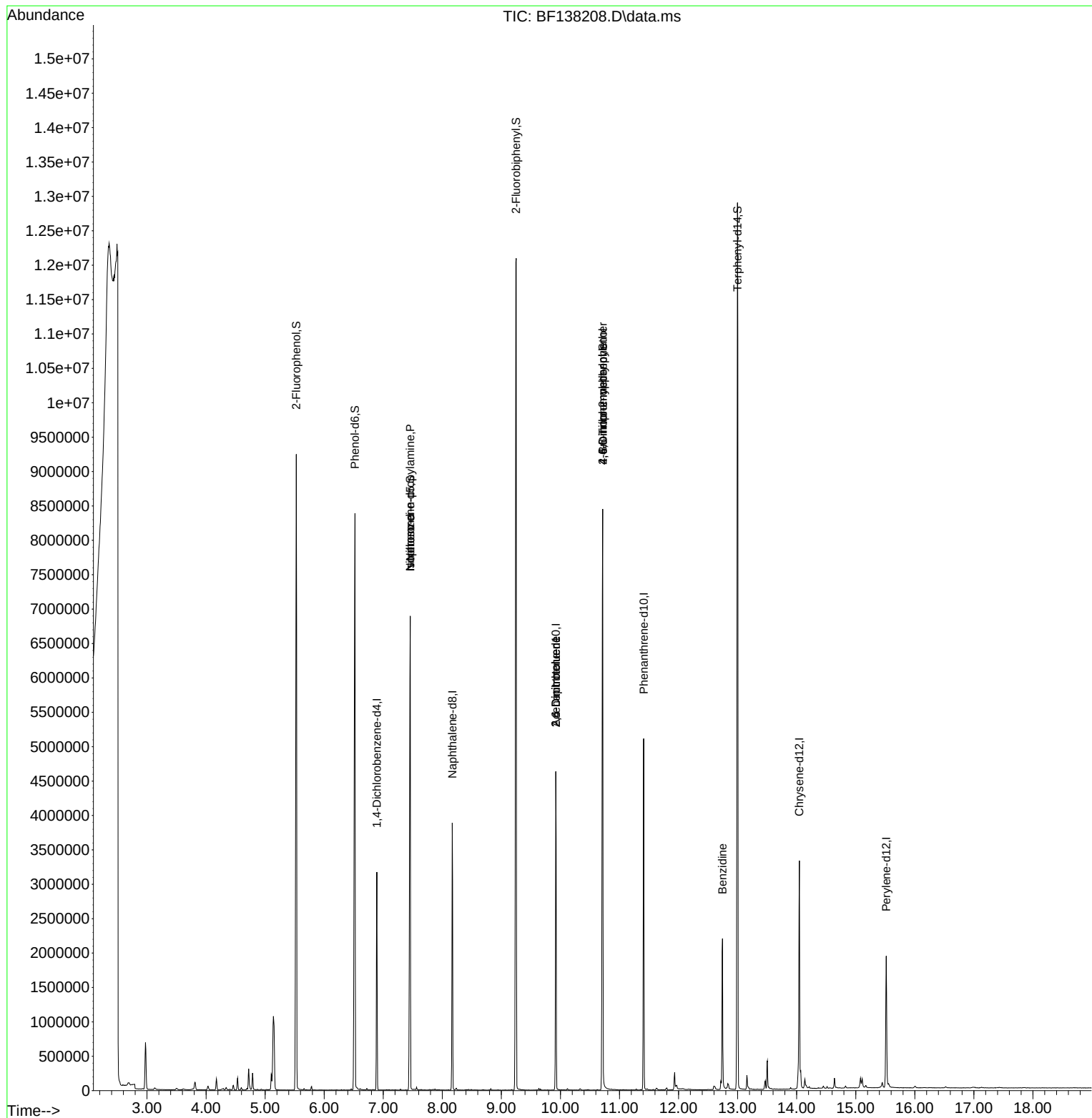
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	428726	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1676948	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	938428	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1668377	20.000	ng	0.00
76) Chrysene-d12	14.045	240	1027224	20.000	ng	0.00
86) Perylene-d12	15.515	264	870515	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	3026246	118.080	ng	0.02
7) Phenol-d6	6.522	99	3492736	107.474	ng	0.00
23) Nitrobenzene-d5	7.457	82	2485570	86.288	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	1185756	126.924	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	4366446	73.989	ng	0.00
79) Terphenyl-d14	12.998	244	4990928	76.953	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	337921	17.542	ng	# 76
25) Isophorone	7.457	82	2481153	47.620	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	123126	9.871	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	123126	8.003	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.716	198	2407	7.176	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	77697	4.133	ng	# 1
77) Benzidine	12.745	184	839695	70.672	ng	99

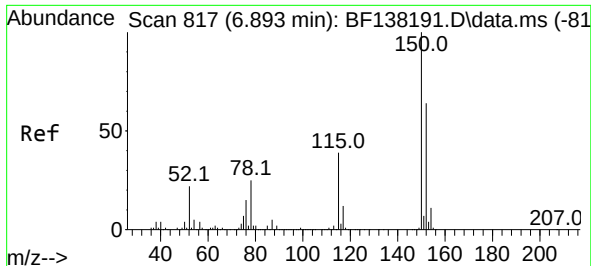
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
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Quant Time: Jun 17 17:26:22 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

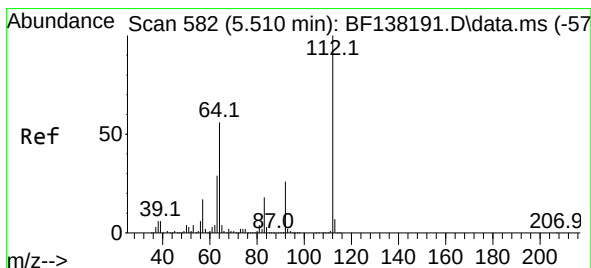
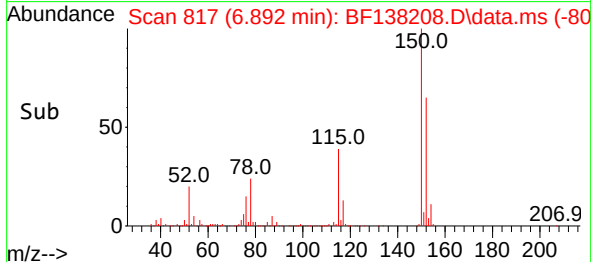
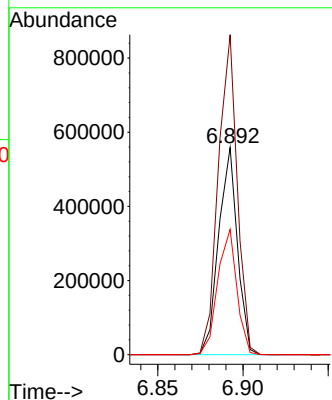
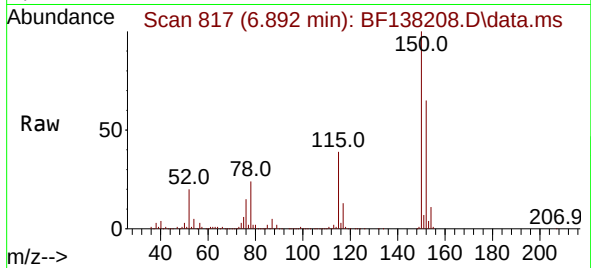




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

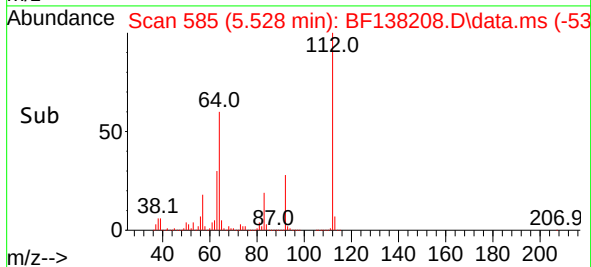
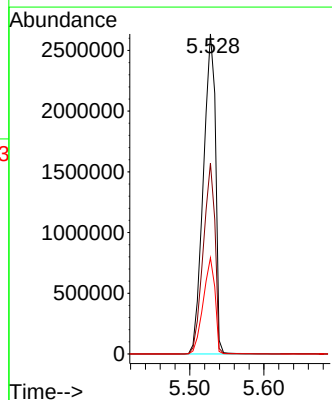
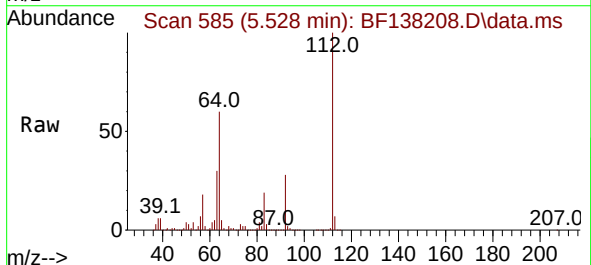
Instrument :
BNA_F
ClientSampleId :
WC-I

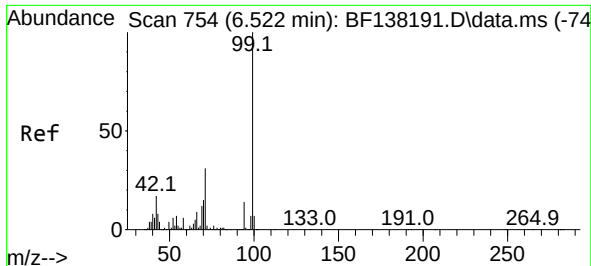
Tgt Ion:152 Resp: 428726
Ion Ratio Lower Upper
152 100
150 154.4 125.0 187.4
115 60.5 48.4 72.6



#5
2-Fluorophenol
Concen: 118.080 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.017 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

Tgt Ion:112 Resp: 3026246
Ion Ratio Lower Upper
112 100
64 59.6 45.2 67.8
63 30.1 22.9 34.3

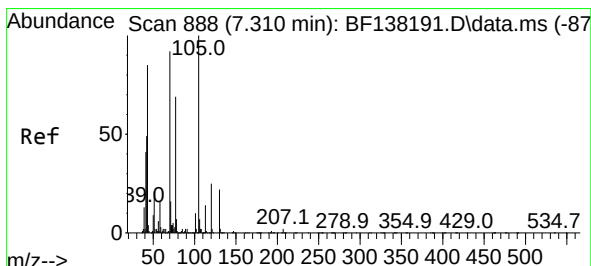
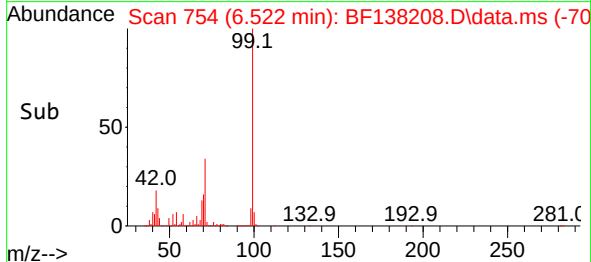
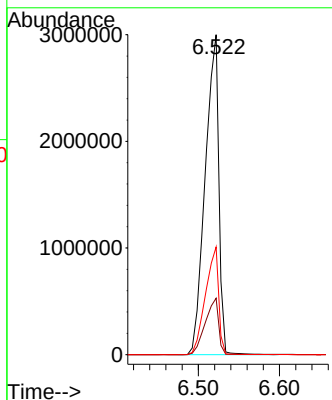
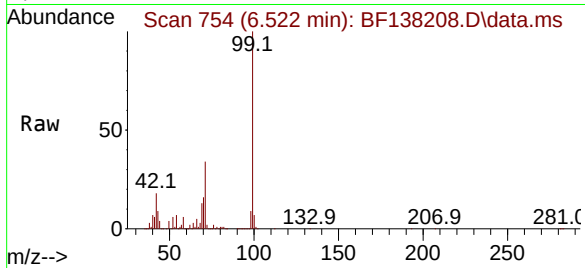




#7
Phenol-d6
Concen: 107.474 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

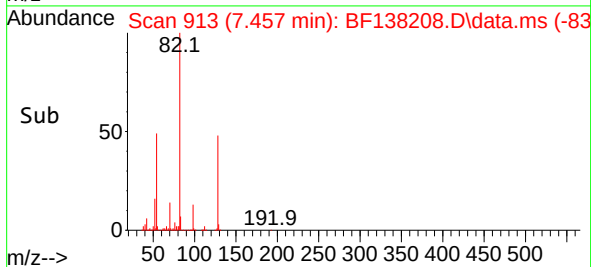
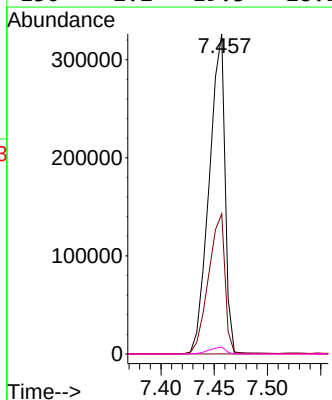
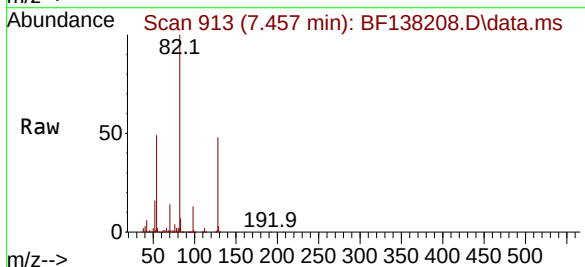
Instrument :
BNA_F
ClientSampleId :
WC-I

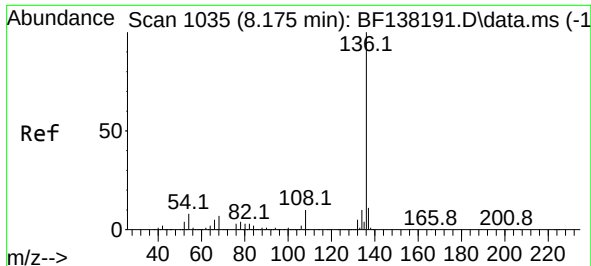
Tgt Ion: 99 Resp: 3492736
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 33.7 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.542 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

Tgt Ion: 70 Resp: 337921
Ion Ratio Lower Upper
70 100
42 43.8 42.8 64.2
101 0.1 8.4 12.6#
130 2.2 19.3 28.9#



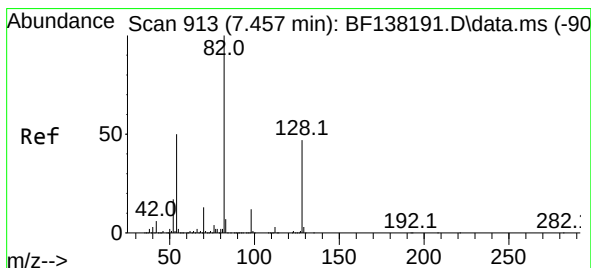
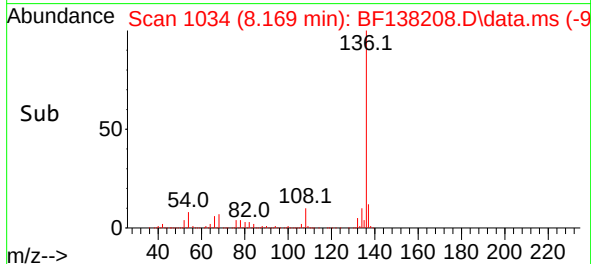
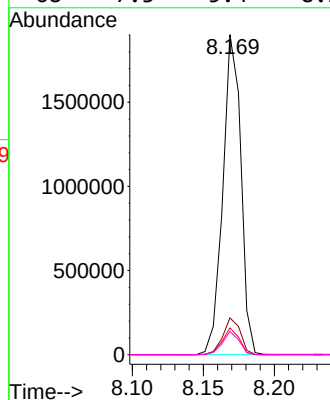
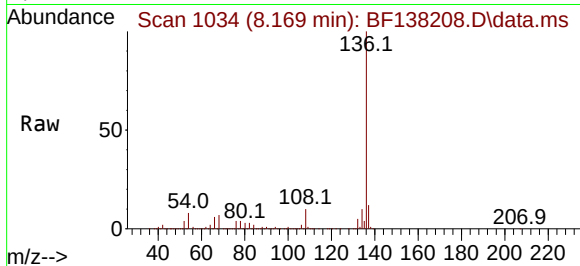


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

Instrument :
BNA_F
ClientSampleId :
WC-I

Tgt Ion:136 Resp: 1676948

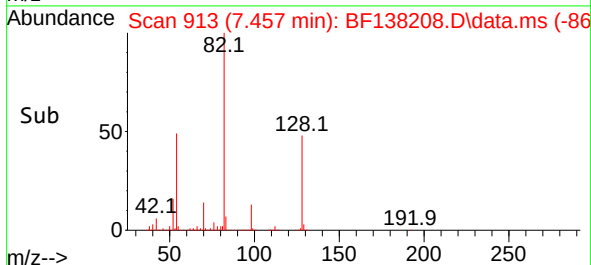
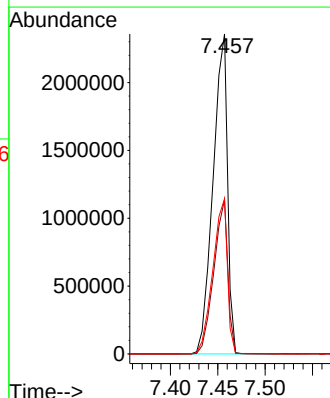
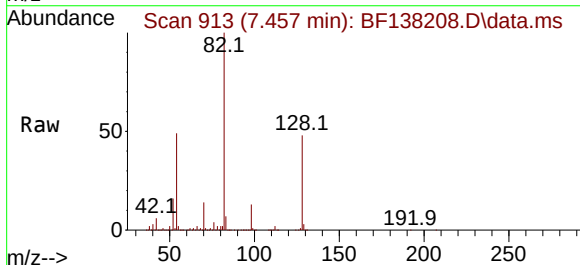
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.4	6.6	10.0
68	7.3	5.4	8.2

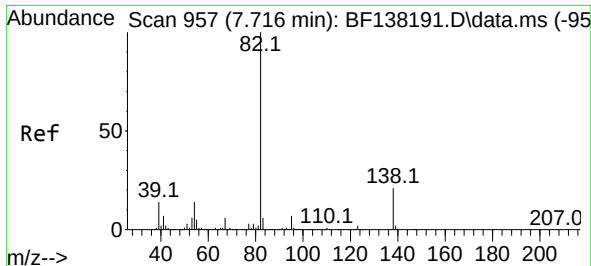


#23
Nitrobenzene-d5
Concen: 86.288 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

Tgt Ion: 82 Resp: 2485570

Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.2	55.8
54	48.5	39.8	59.6

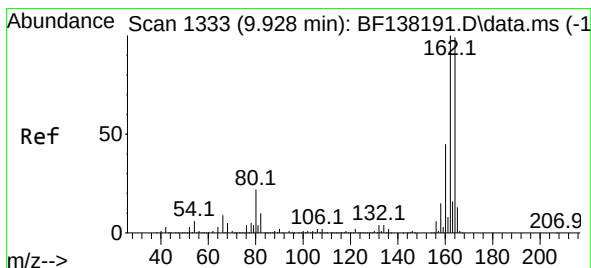
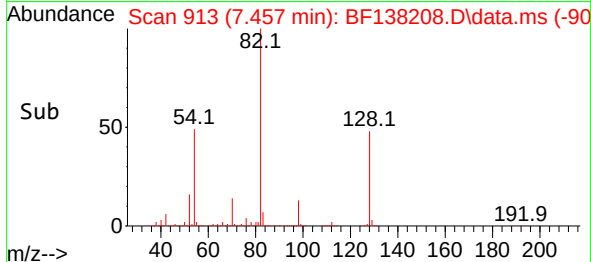
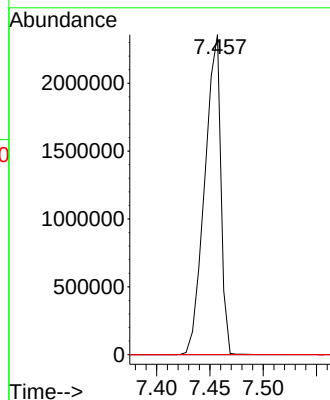
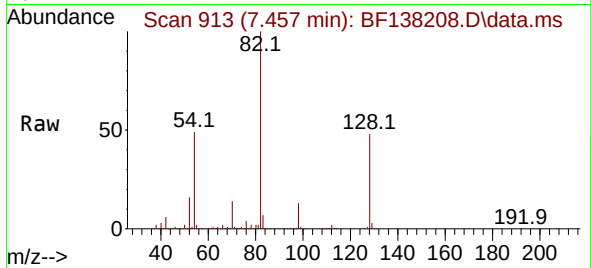




#25
Isophorone
Concen: 47.620 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

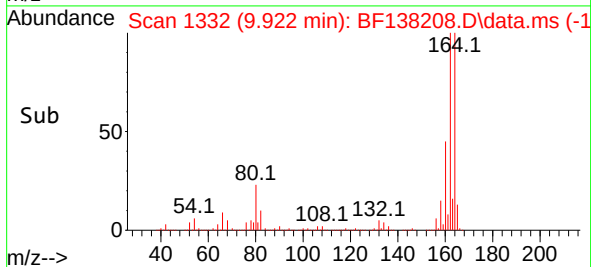
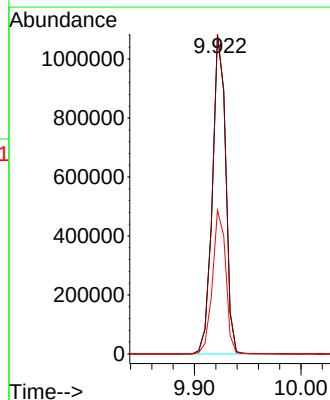
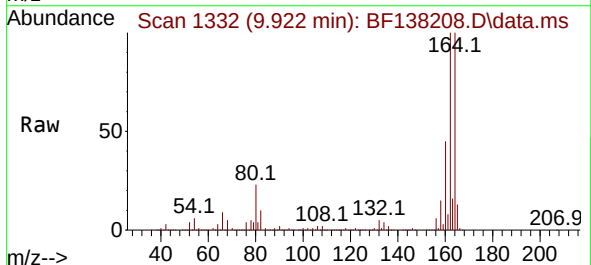
Instrument :
BNA_F
ClientSampleId :
WC-I

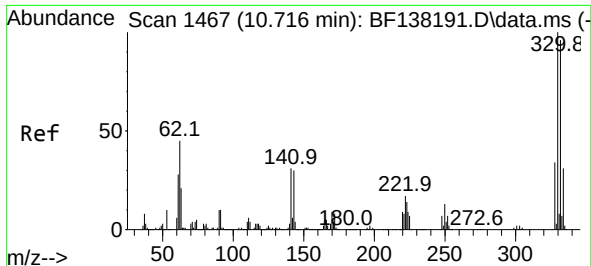
Tgt Ion: 82 Resp: 2481153
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

Tgt Ion:164 Resp: 938428
Ion Ratio Lower Upper
164 100
162 100.0 80.6 121.0
160 45.0 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 126.924 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF138208.D

Acq: 17 Jun 2024 17:01

Instrument :

BNA_F

ClientSampleId :

WC-I

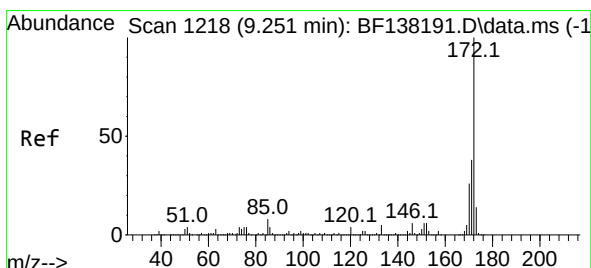
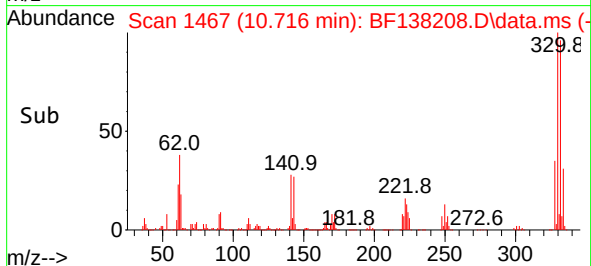
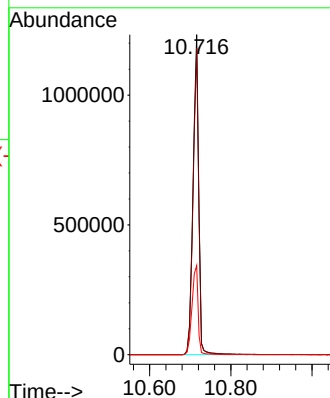
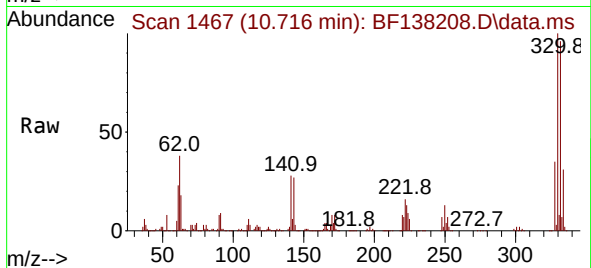
Tgt Ion:330 Resp: 1185756

Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

141 30.2 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 73.989 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF138208.D

Acq: 17 Jun 2024 17:01

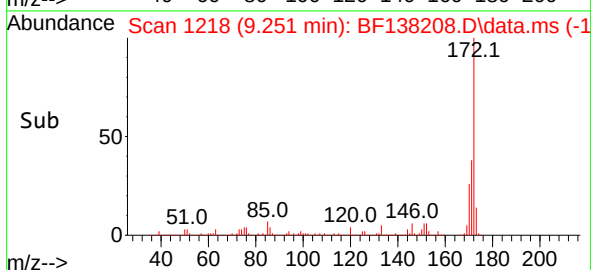
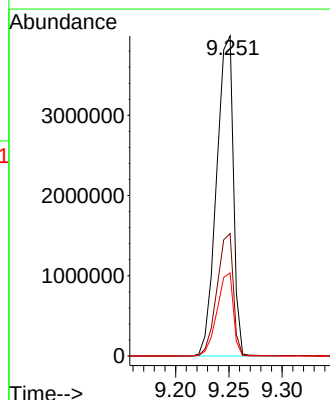
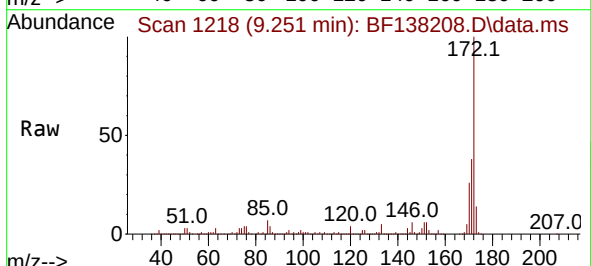
Tgt Ion:172 Resp: 4366446

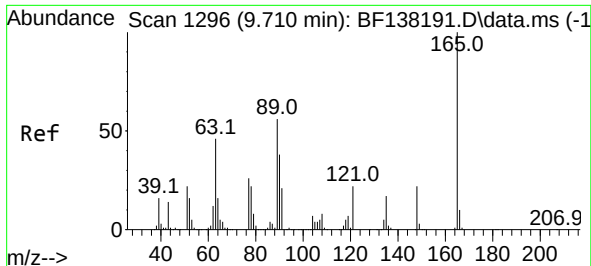
Ion Ratio Lower Upper

172 100

171 38.2 30.3 45.5

170 26.0 20.6 30.8

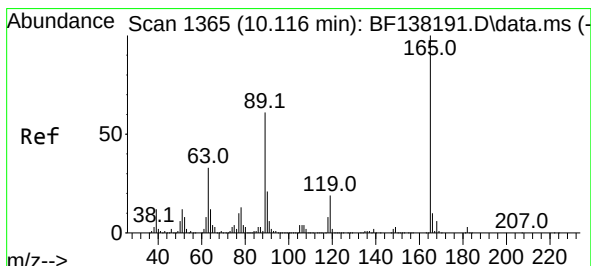
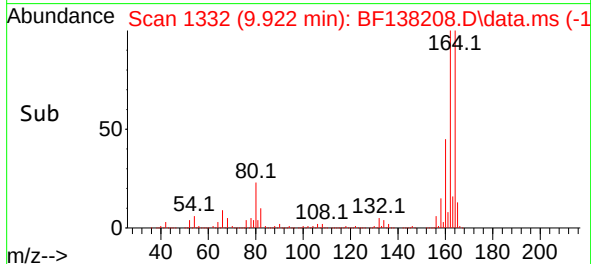
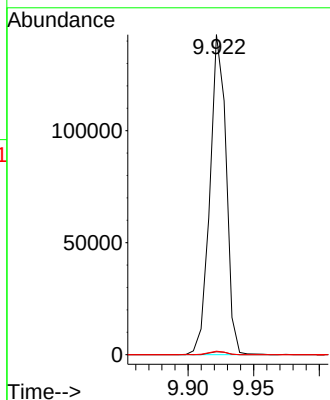
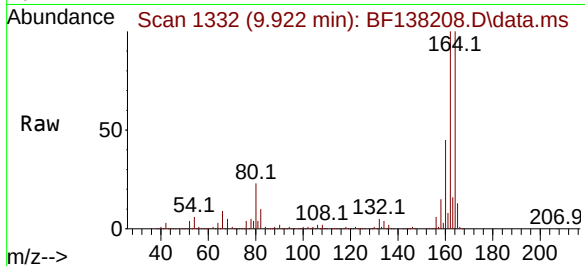




#51
2,6-Dinitrotoluene
Concen: 9.871 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.212 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

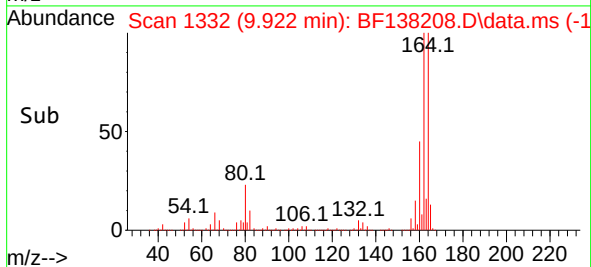
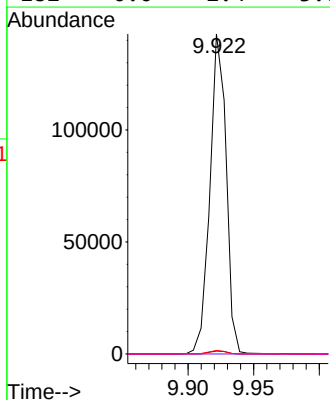
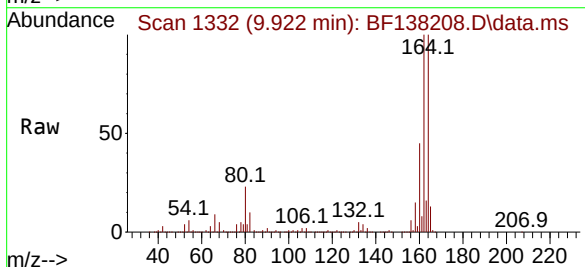
Instrument :
BNA_F
ClientSampleId :
WC-I

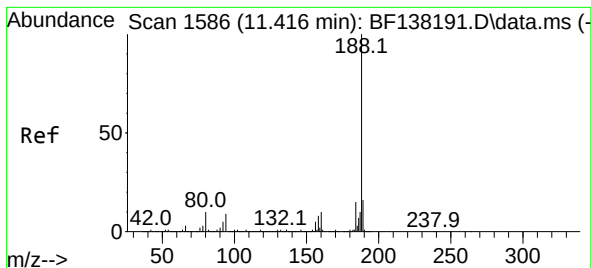
Tgt Ion:165 Resp: 123126
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 1.1 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 8.003 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

Tgt Ion:165 Resp: 123126
Ion Ratio Lower Upper
165 100
63 0.9 26.6 39.8#
89 1.1 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: BF138208.D

Acq: 17 Jun 2024 17:01

Instrument :

BNA_F

ClientSampleId :

WC-I

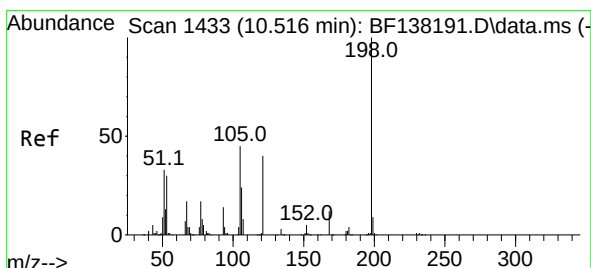
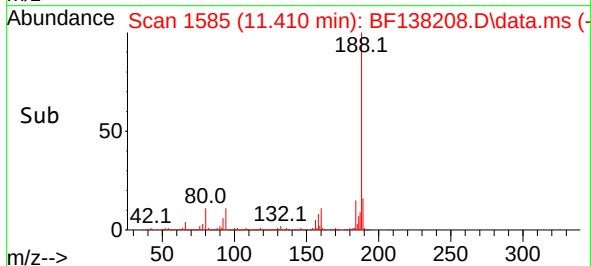
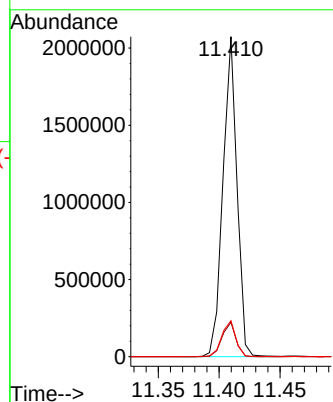
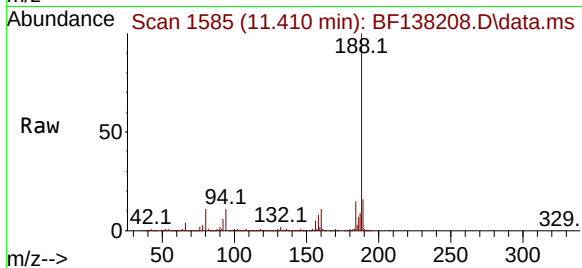
Tgt Ion:188 Resp: 1668377

Ion Ratio Lower Upper

188 100

94 10.8 7.6 11.4

80 11.3 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.176 ng

RT: 10.716 min Scan# 1467

Delta R.T. 0.200 min

Lab File: BF138208.D

Acq: 17 Jun 2024 17:01

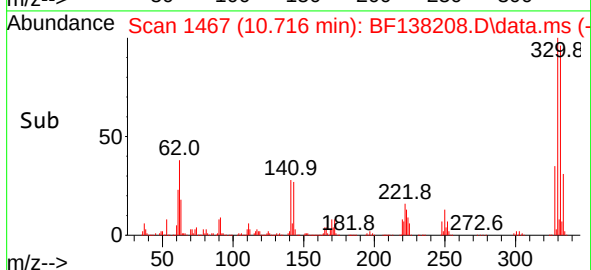
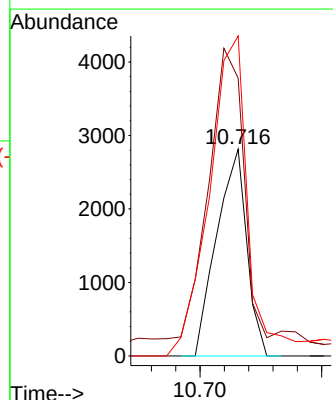
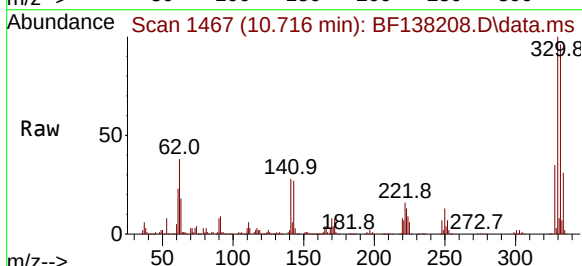
Tgt Ion:198 Resp: 2407

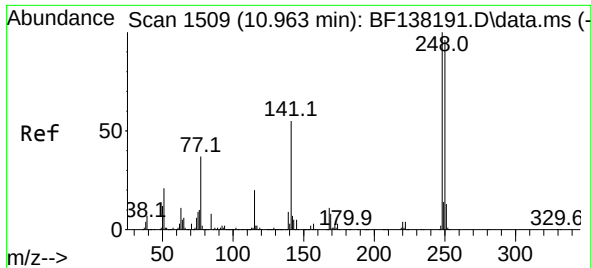
Ion Ratio Lower Upper

198 100

51 134.4 26.9 66.9#

105 154.8 26.0 66.0#

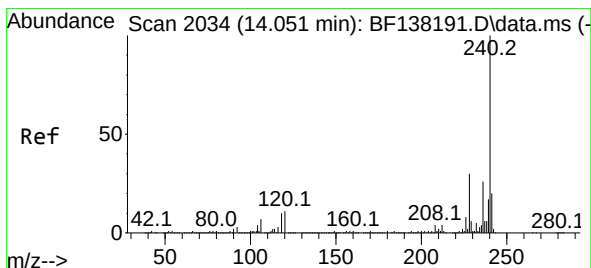
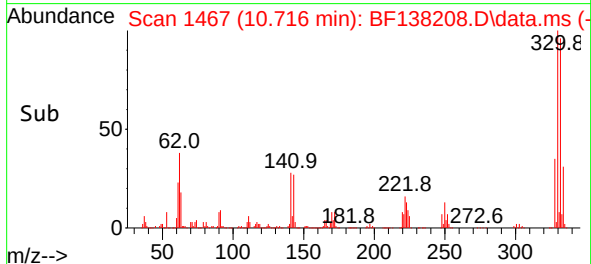
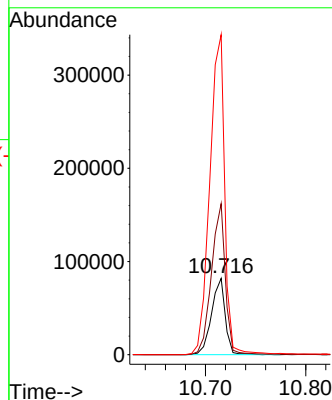
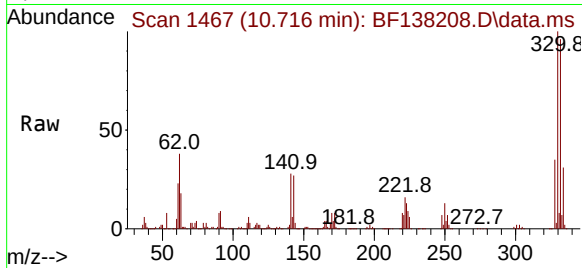




#67
4-Bromophenyl-phenylether
Concen: 4.133 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

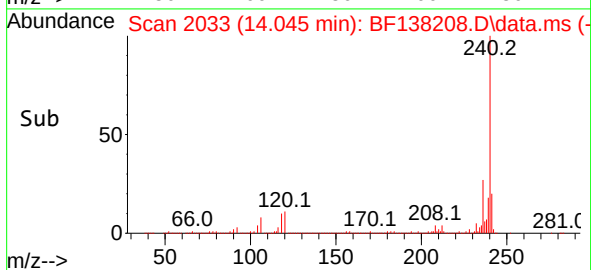
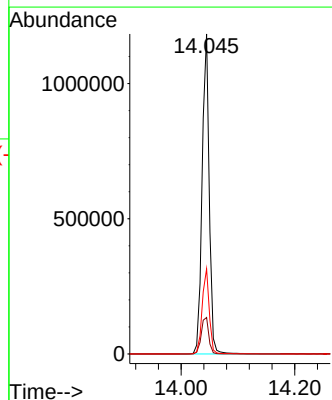
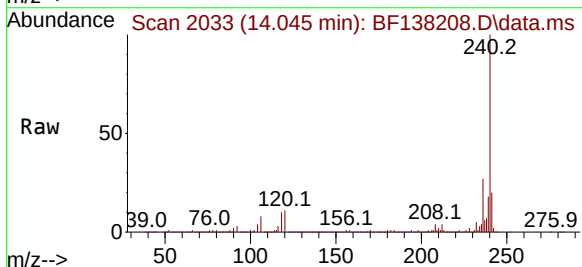
Instrument :
BNA_F
ClientSampleId :
WC-I

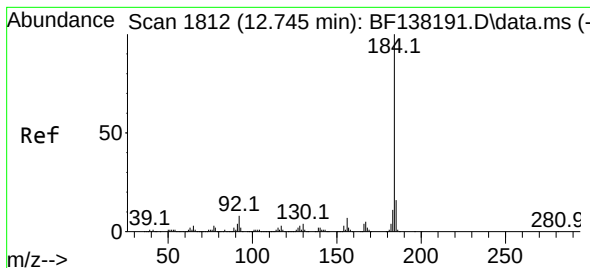
Tgt Ion:248 Resp: 77697
Ion Ratio Lower Upper
248 100
250 197.9 77.2 115.8#
141 419.2 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

Tgt Ion:240 Resp: 1027224
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 26.6 21.0 31.6





#77

Benzidine

Concen: 70.672 ng

RT: 12.745 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF138208.D

Acq: 17 Jun 2024 17:01

Instrument :

BNA_F

ClientSampleId :

WC-I

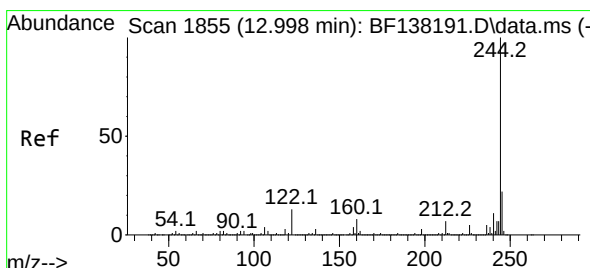
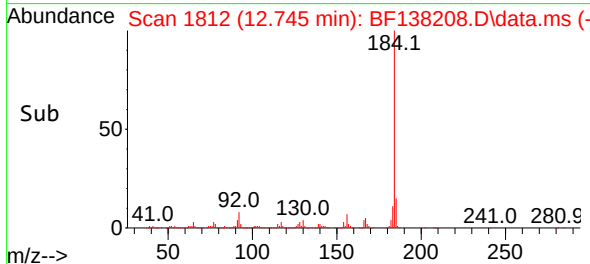
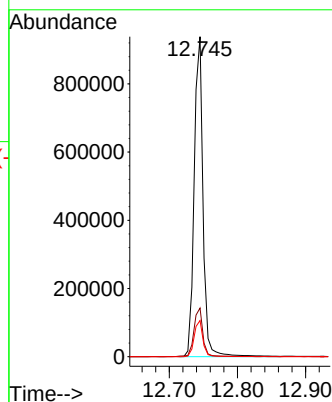
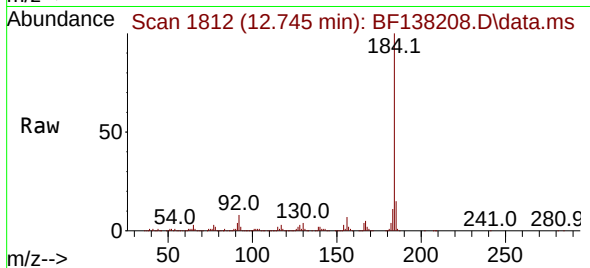
Tgt Ion:184 Resp: 839695

Ion Ratio Lower Upper

184 100

185 15.2 12.6 19.0

183 11.3 9.0 13.6



#79

Terphenyl-d14

Concen: 76.953 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BF138208.D

Acq: 17 Jun 2024 17:01

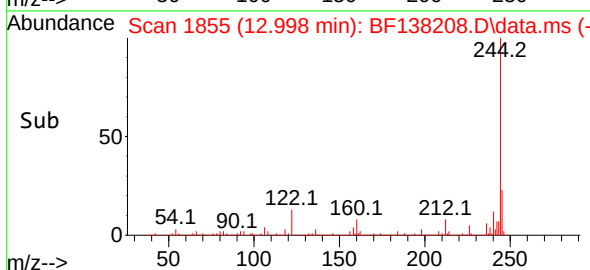
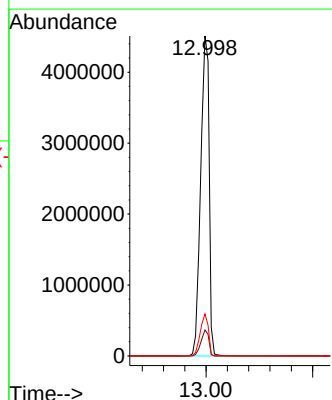
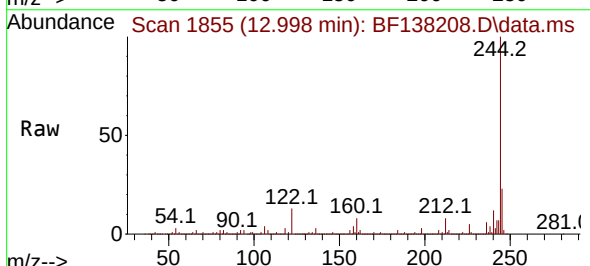
Tgt Ion:244 Resp: 4990928

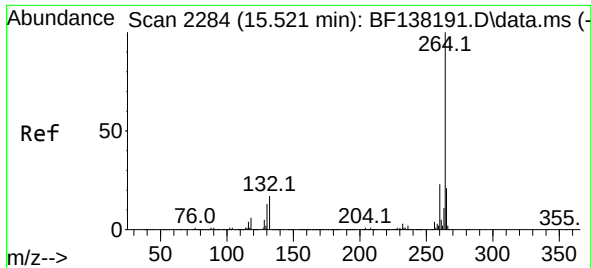
Ion Ratio Lower Upper

244 100

212 8.1 5.9 8.9

122 13.1 10.6 15.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138208.D
Acq: 17 Jun 2024 17:01

Instrument :
BNA_F
ClientSampleId :
WC-I

Tgt Ion:264 Resp: 870515
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 21.5 17.0 25.6

