

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
 Data File : BF138364.D
 Acq On : 27 Jun 2024 14:05
 Operator : CG\JU
 Sample : P2886-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Jun 27 14:29:03 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)

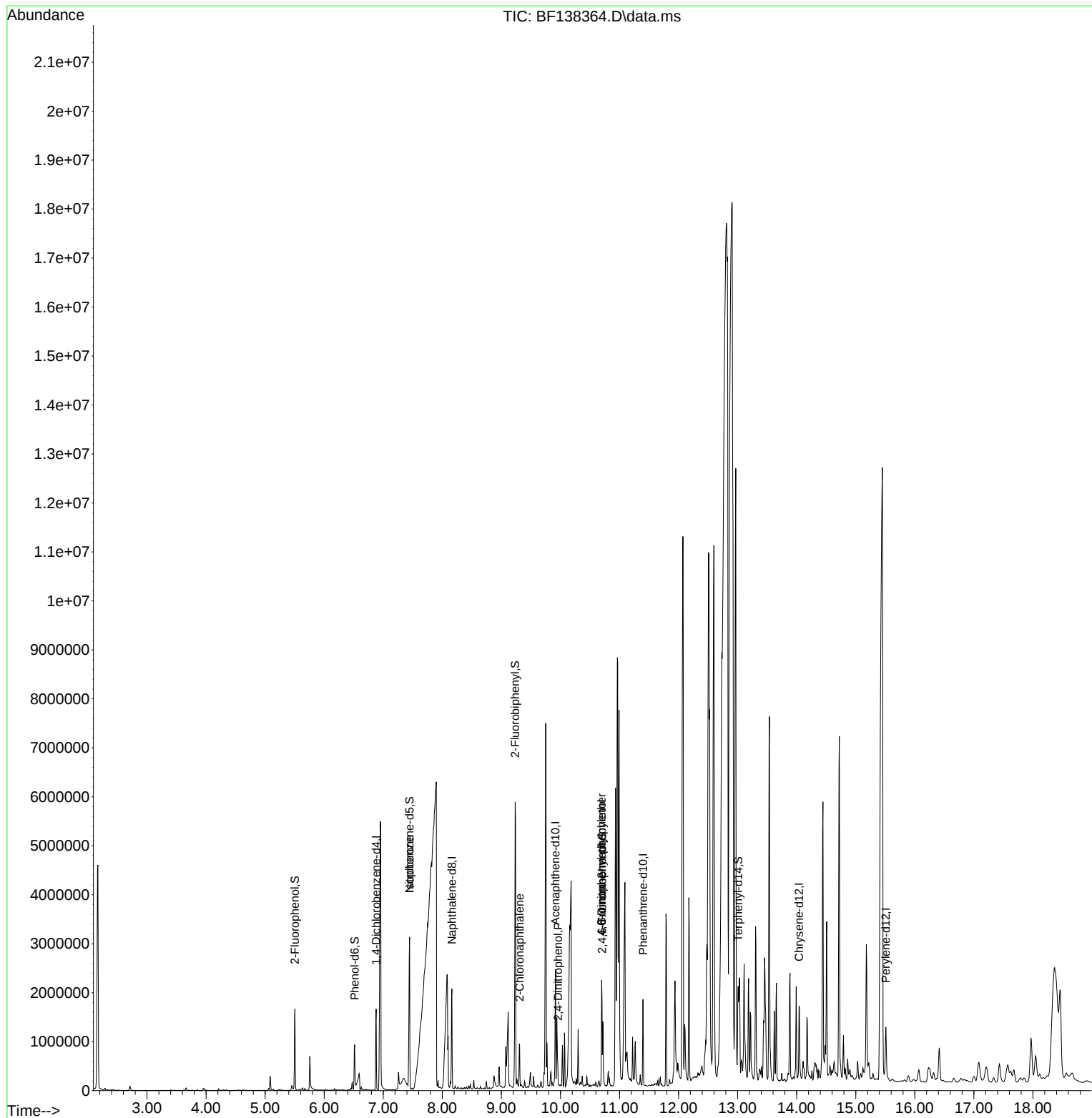
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	248903	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	904991	20.000	ng	#-0.01
39) Acenaphthene-d10	9.916	164	426040	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	580942	20.000	ng	-0.02
76) Chrysene-d12	14.039	240	454852	20.000	ng	-0.01
86) Perylene-d12	15.509	264	461442	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	467600	31.426	ng	0.00
7) Phenol-d6	6.516	99	359128	19.034	ng	0.00
23) Nitrobenzene-d5	7.445	82	1065505	68.542	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	278148	65.580	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	1922380	71.751	ng	-0.02
79) Terphenyl-d14	13.010	244	791702	27.568	ng	0.01
Target Compounds						Qvalue
25) Isophorone	7.445	82	1062199	37.776	ng	# 62
47) 2-Chloronaphthalene	9.310	162	71629	2.899	ng	# 39
54) 2,4-Dinitrophenol	9.957	184	1016	4.692	ng	# 45
65) 4,6-Dinitro-2-methylph...	10.698	198	575	7.100	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	17173	2.623	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138364.D
Acq On : 27 Jun 2024 14:05
Operator : CG\JU
Sample : P2886-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Quant Time: Jun 27 14:29:03 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

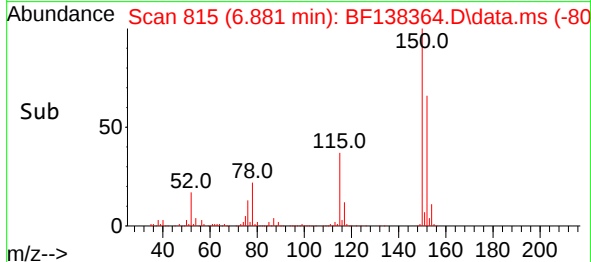
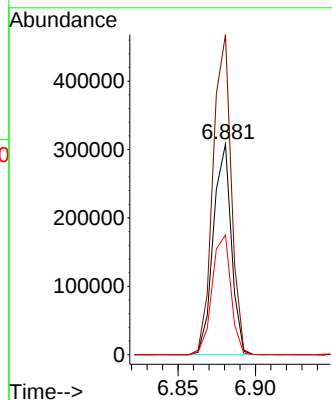
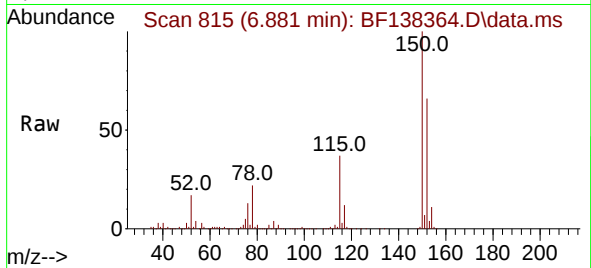




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF138364.D
 Acq: 27 Jun 2024 14:05

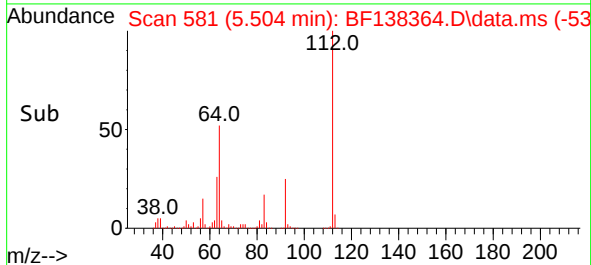
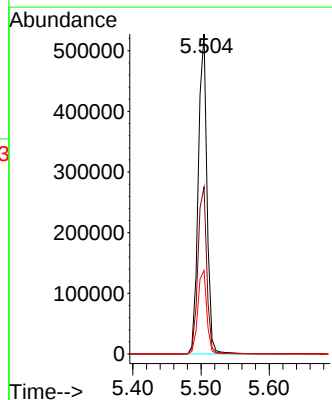
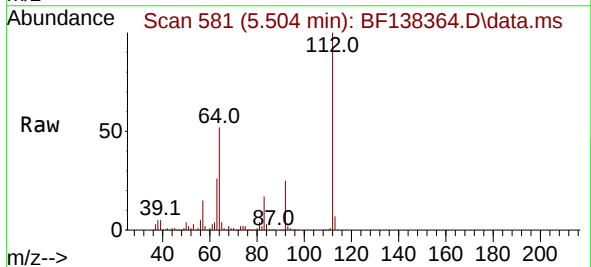
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion:152 Resp: 248903
 Ion Ratio Lower Upper
 152 100
 150 152.0 125.0 187.4
 115 56.8 48.4 72.6



#5
 2-Fluorophenol
 Concen: 31.426 ng
 RT: 5.504 min Scan# 581
 Delta R.T. -0.006 min
 Lab File: BF138364.D
 Acq: 27 Jun 2024 14:05

Tgt Ion:112 Resp: 467600
 Ion Ratio Lower Upper
 112 100
 64 52.2 45.2 67.8
 63 26.1 22.9 34.3





#7

Phenol-d6

Concen: 19.034 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138364.D

Acq: 27 Jun 2024 14:05

Instrument :

BNA_F

ClientSampleId :

EFF-WW

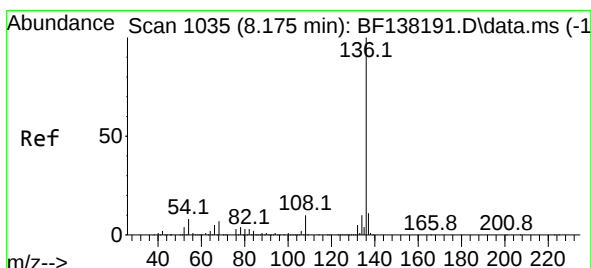
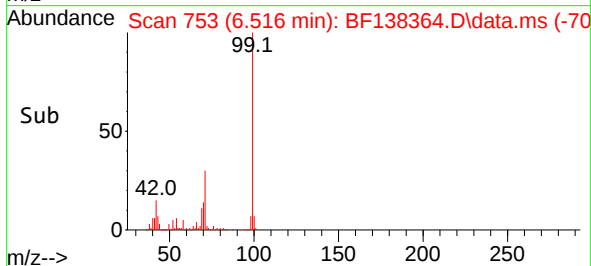
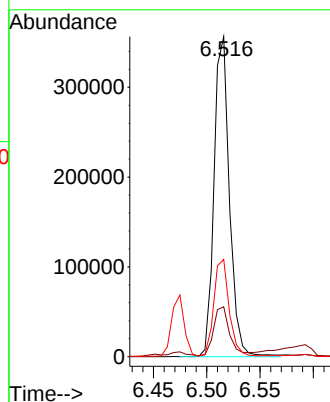
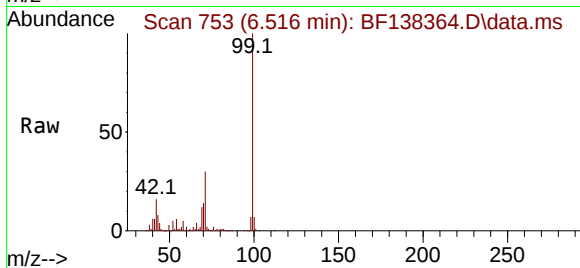
Tgt Ion: 99 Resp: 359128

Ion Ratio Lower Upper

99 100

42 15.6 13.7 20.5

71 30.4 25.0 37.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1033

Delta R.T. -0.012 min

Lab File: BF138364.D

Acq: 27 Jun 2024 14:05

Tgt Ion: 136 Resp: 904991

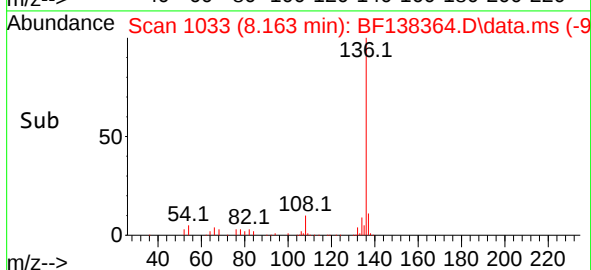
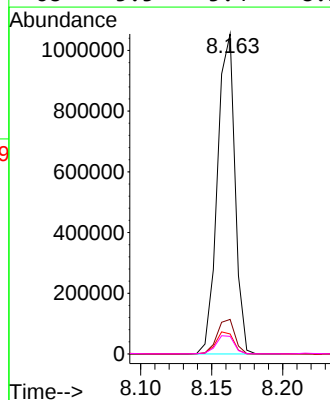
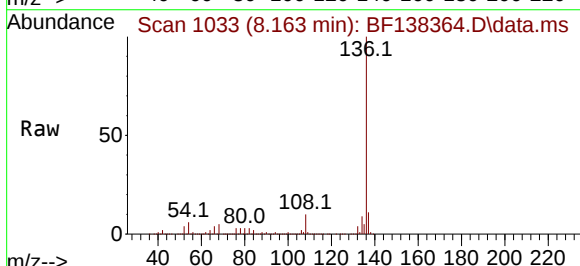
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.3 6.6 10.0#

68 5.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 68.542 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138364.D

Acq: 27 Jun 2024 14:05

Instrument :

BNA_F

ClientSampleId :

EFF-WW

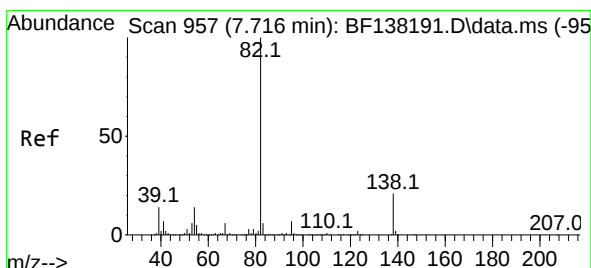
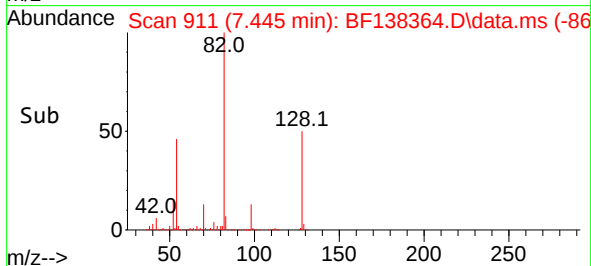
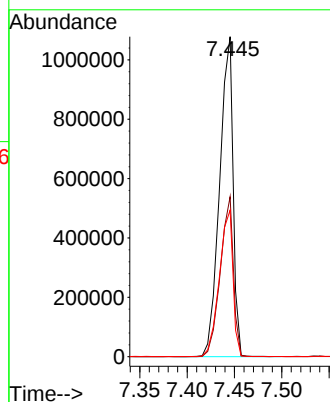
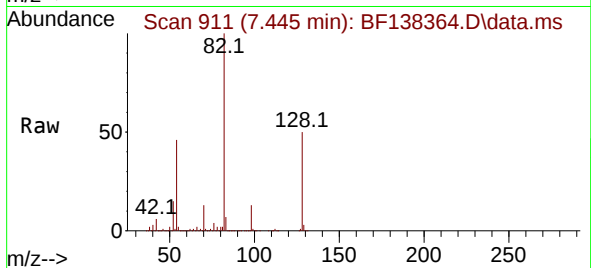
Tgt Ion: 82 Resp: 1065505

Ion Ratio Lower Upper

82 100

128 50.0 37.2 55.8

54 45.8 39.8 59.6



#25

Isophorone

Concen: 37.776 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.271 min

Lab File: BF138364.D

Acq: 27 Jun 2024 14:05

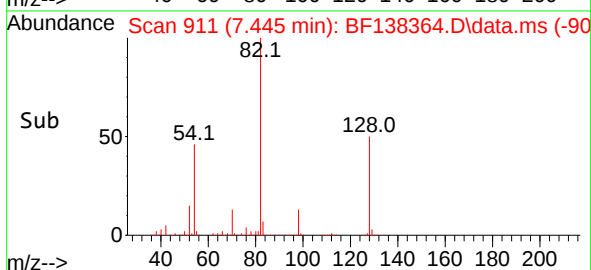
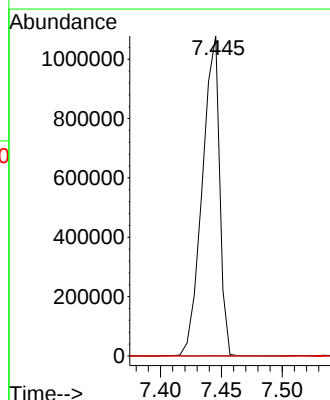
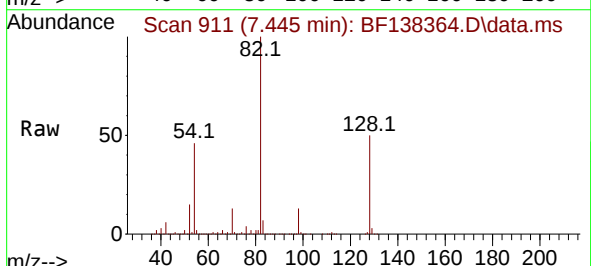
Tgt Ion: 82 Resp: 1062199

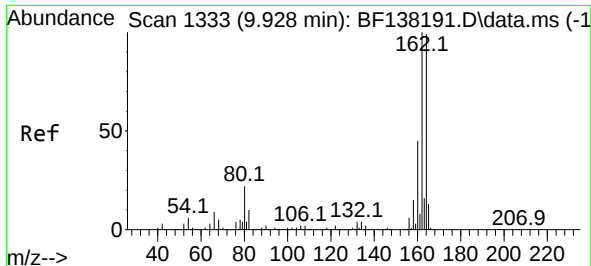
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 16.4 24.6#

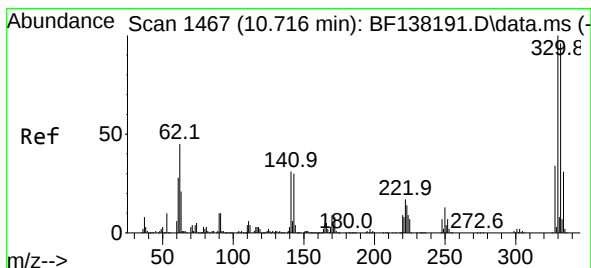
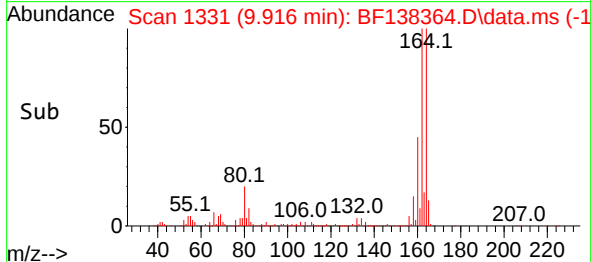
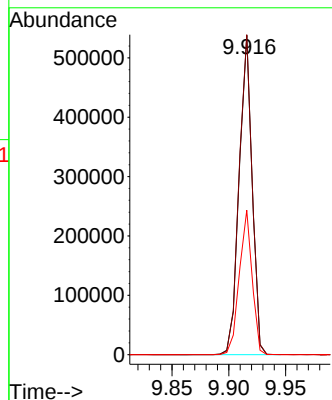
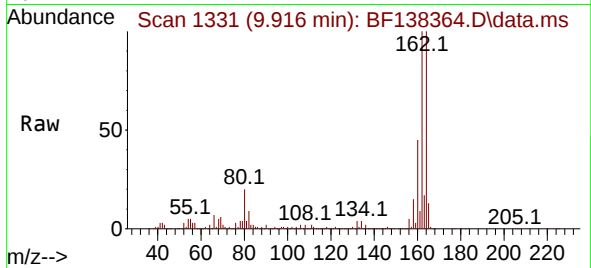




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138364.D
Acq: 27 Jun 2024 14:05

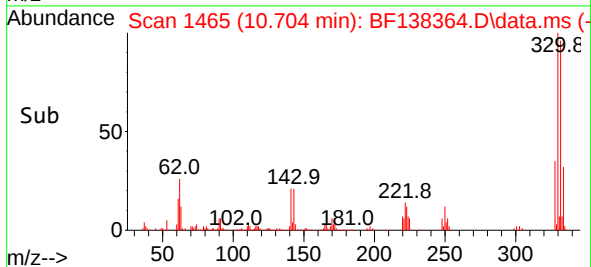
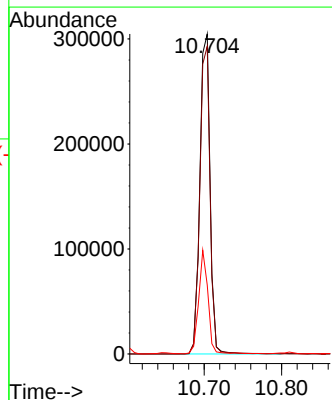
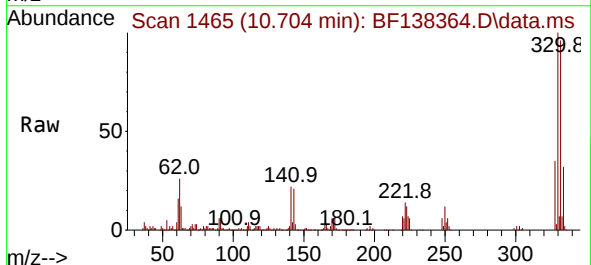
Instrument :
BNA_F
ClientSampleId :
EFF-WW

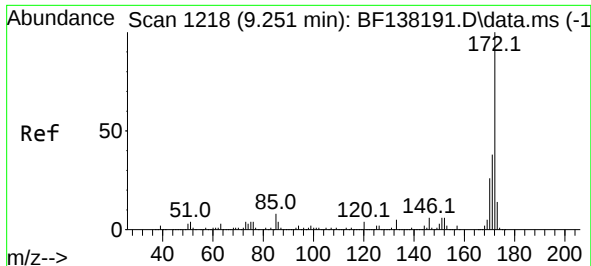
Tgt Ion:164 Resp: 426040
Ion Ratio Lower Upper
164 100
162 100.2 80.6 121.0
160 45.2 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 65.580 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138364.D
Acq: 27 Jun 2024 14:05

Tgt Ion:330 Resp: 278148
Ion Ratio Lower Upper
330 100
332 96.5 76.6 115.0
141 29.2 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 71.751 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.018 min

Lab File: BF138364.D

Acq: 27 Jun 2024 14:05

Instrument :

BNA_F

ClientSampleId :

EFF-WW

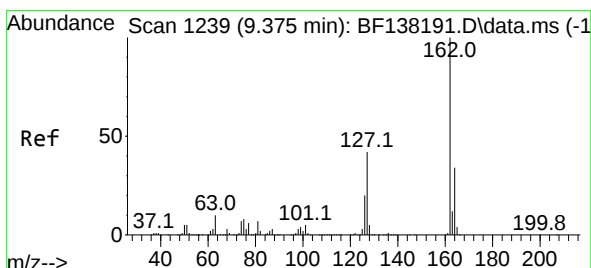
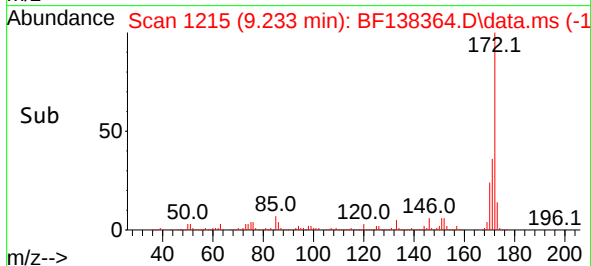
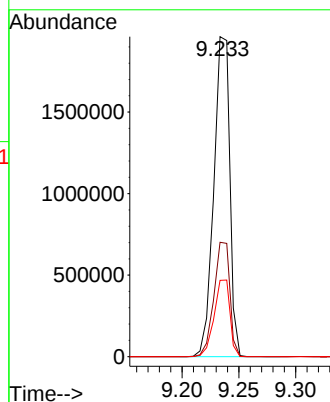
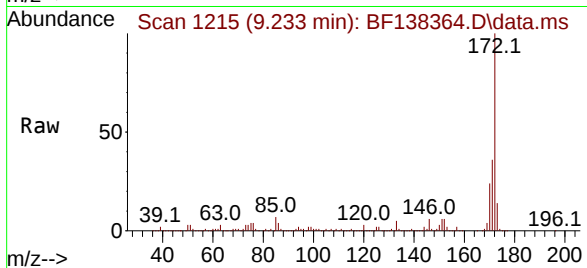
Tgt Ion:172 Resp: 1922380

Ion Ratio Lower Upper

172 100

171 35.8 30.3 45.5

170 23.9 20.6 30.8



#47

2-Chloronaphthalene

Concen: 2.899 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.065 min

Lab File: BF138364.D

Acq: 27 Jun 2024 14:05

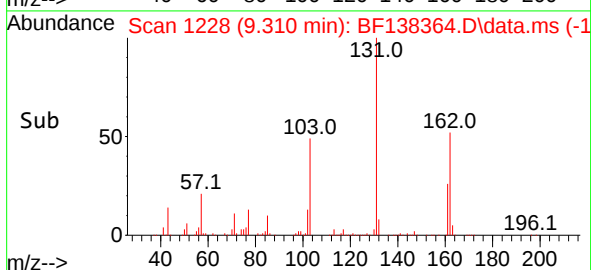
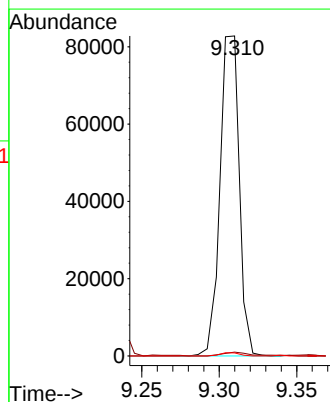
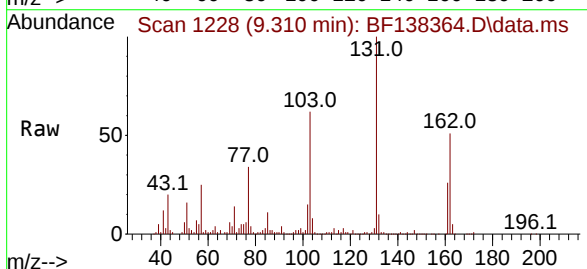
Tgt Ion:162 Resp: 71629

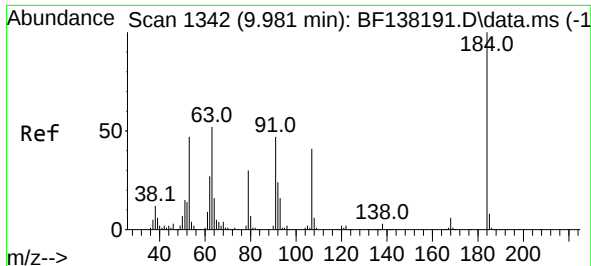
Ion Ratio Lower Upper

162 100

127 1.2 33.6 50.4#

164 0.9 27.2 40.8#

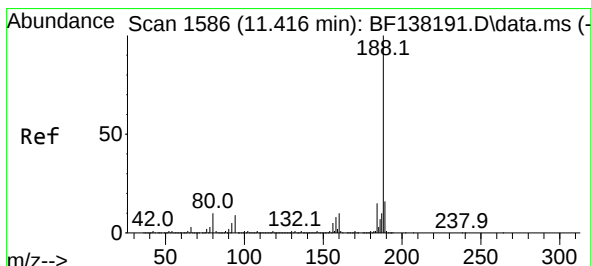
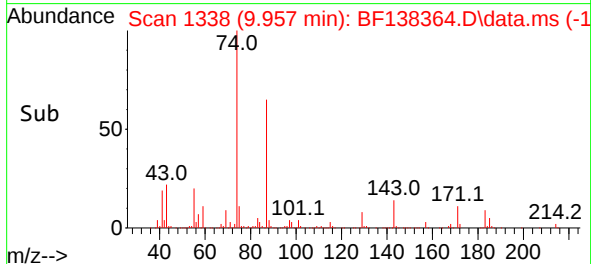
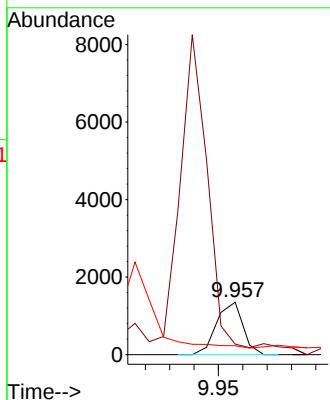
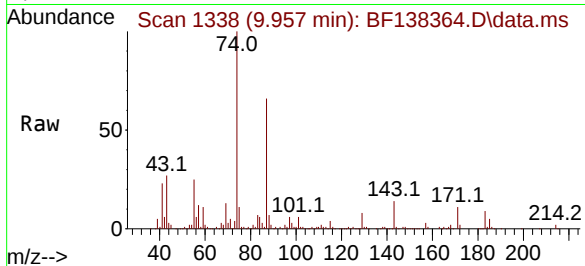




#54
2,4-Dinitrophenol
Concen: 4.692 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF138364.D
Acq: 27 Jun 2024 14:05

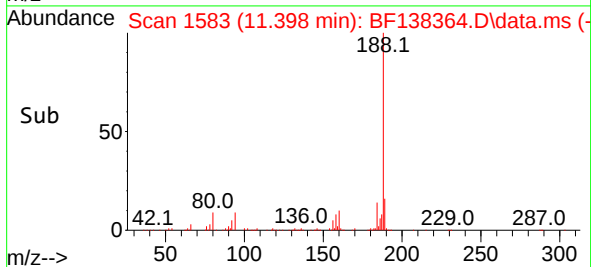
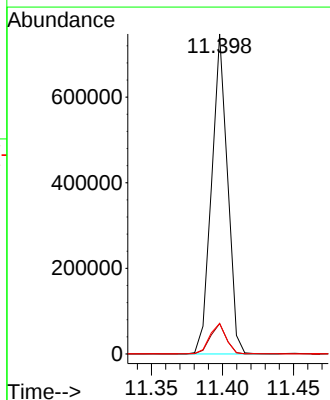
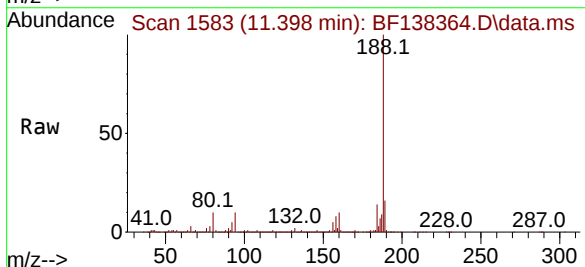
Instrument :
BNA_F
ClientSampleId :
EFF-WW

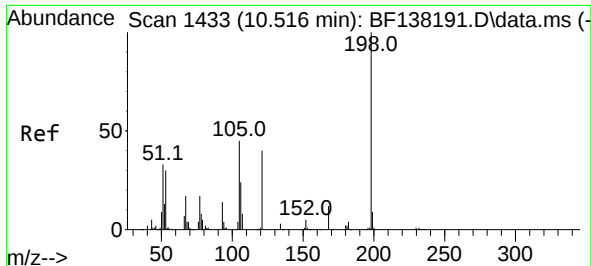
Tgt Ion:184 Resp: 1016
Ion Ratio Lower Upper
184 100
63 20.0 49.2 73.8#
154 17.1 46.7 70.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.018 min
Lab File: BF138364.D
Acq: 27 Jun 2024 14:05

Tgt Ion:188 Resp: 580942
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 9.6 8.1 12.1

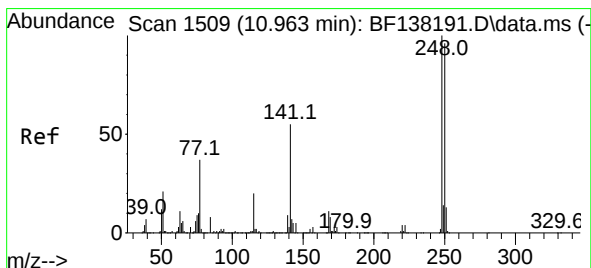
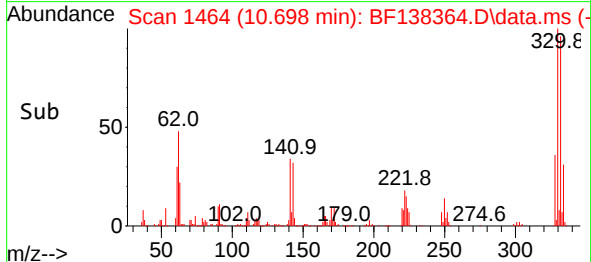
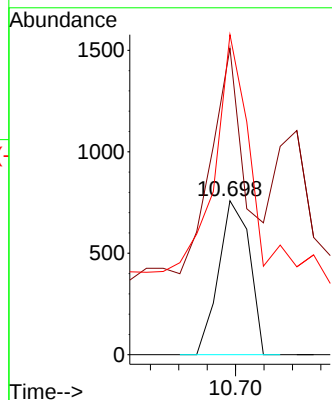
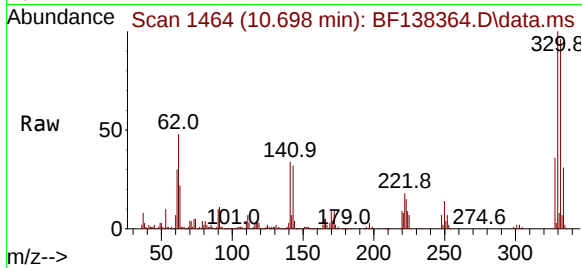




#65
4,6-Dinitro-2-methylphenol
Concen: 7.100 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.182 min
Lab File: BF138364.D
Acq: 27 Jun 2024 14:05

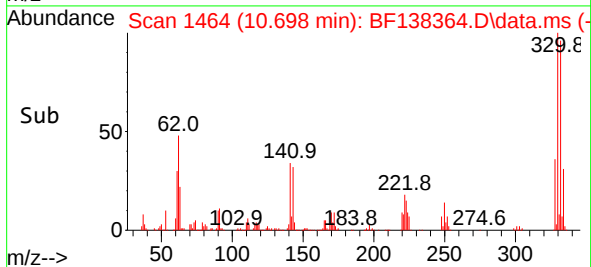
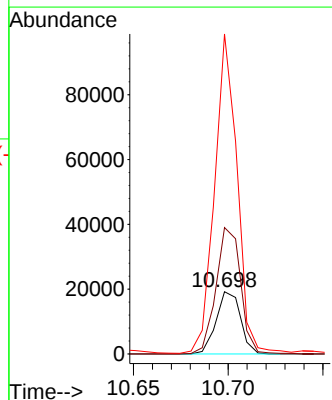
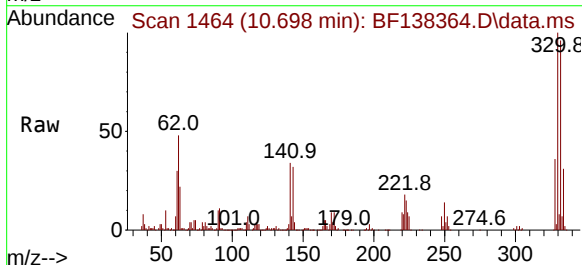
Instrument :
BNA_F
ClientSampleId :
EFF-WW

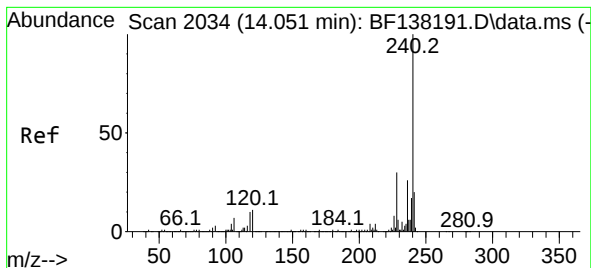
Tgt Ion:198 Resp: 575
Ion Ratio Lower Upper
198 100
51 198.9 26.9 66.9#
105 207.8 26.0 66.0#



#67
4-Bromophenyl-phenylether
Concen: 2.623 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.265 min
Lab File: BF138364.D
Acq: 27 Jun 2024 14:05

Tgt Ion:248 Resp: 17173
Ion Ratio Lower Upper
248 100
250 203.0 77.2 115.8#
141 514.2 44.1 66.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF138364.D

Acq: 27 Jun 2024 14:05

Instrument :

BNA_F

ClientSampleId :

EFF-WW

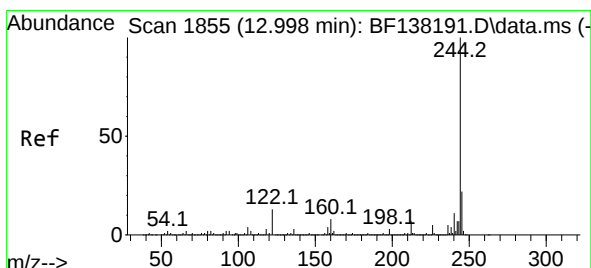
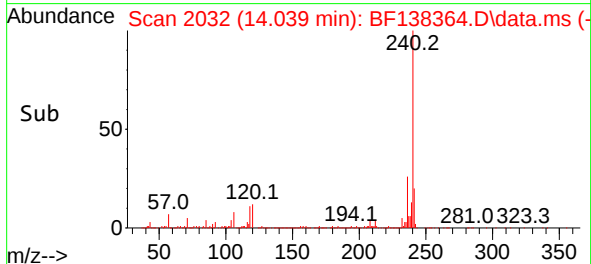
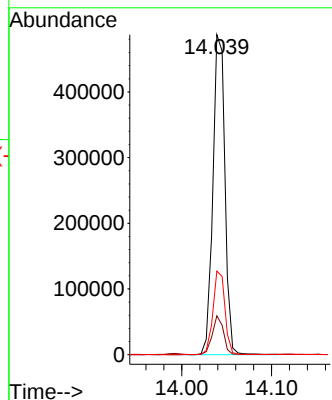
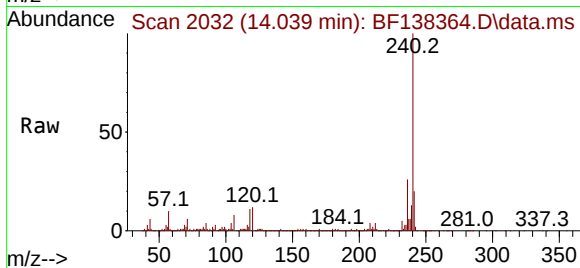
Tgt Ion:240 Resp: 454852

Ion Ratio Lower Upper

240 100

120 12.1 9.2 13.8

236 26.1 21.0 31.6



#79

Terphenyl-d14

Concen: 27.568 ng

RT: 13.010 min Scan# 1857

Delta R.T. 0.012 min

Lab File: BF138364.D

Acq: 27 Jun 2024 14:05

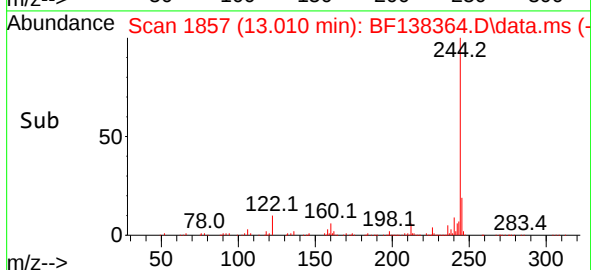
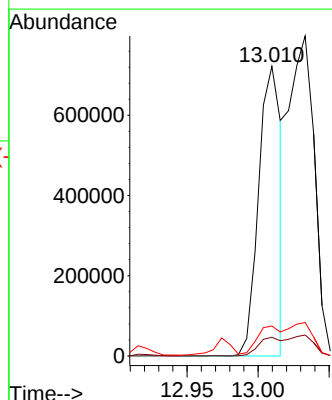
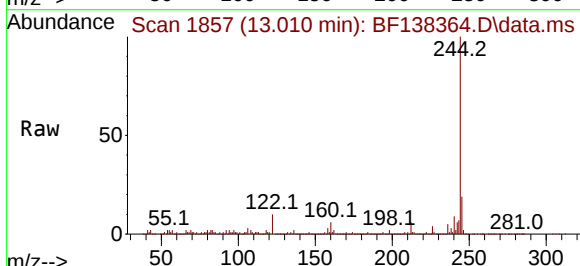
Tgt Ion:244 Resp: 791702

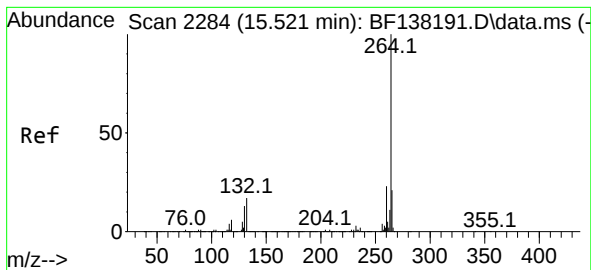
Ion Ratio Lower Upper

244 100

212 6.4 5.9 8.9

122 10.3 10.6 15.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138364.D
Acq: 27 Jun 2024 14:05

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:264 Resp: 461442

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.5	17.0	25.6

