

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
 Data File : BF138355.D
 Acq On : 26 Jun 2024 16:56
 Operator : CG\JU
 Sample : P2915-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NORTH-1

Quant Time: Jun 26 17:41:15 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	211579	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	832294	20.000	ng	-0.02
39) Acenaphthene-d10	9.916	164	471596	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	784913	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	493226	20.000	ng	-0.02
86) Perylene-d12	15.504	264	495831	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1184006	93.612	ng	0.00
7) Phenol-d6	6.510	99	1472096	91.787	ng	-0.01
23) Nitrobenzene-d5	7.439	82	919698	64.330	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	473291	100.811	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	1858251	62.657	ng	-0.02
79) Terphenyl-d14	12.986	244	1850270	59.415	ng	-0.01

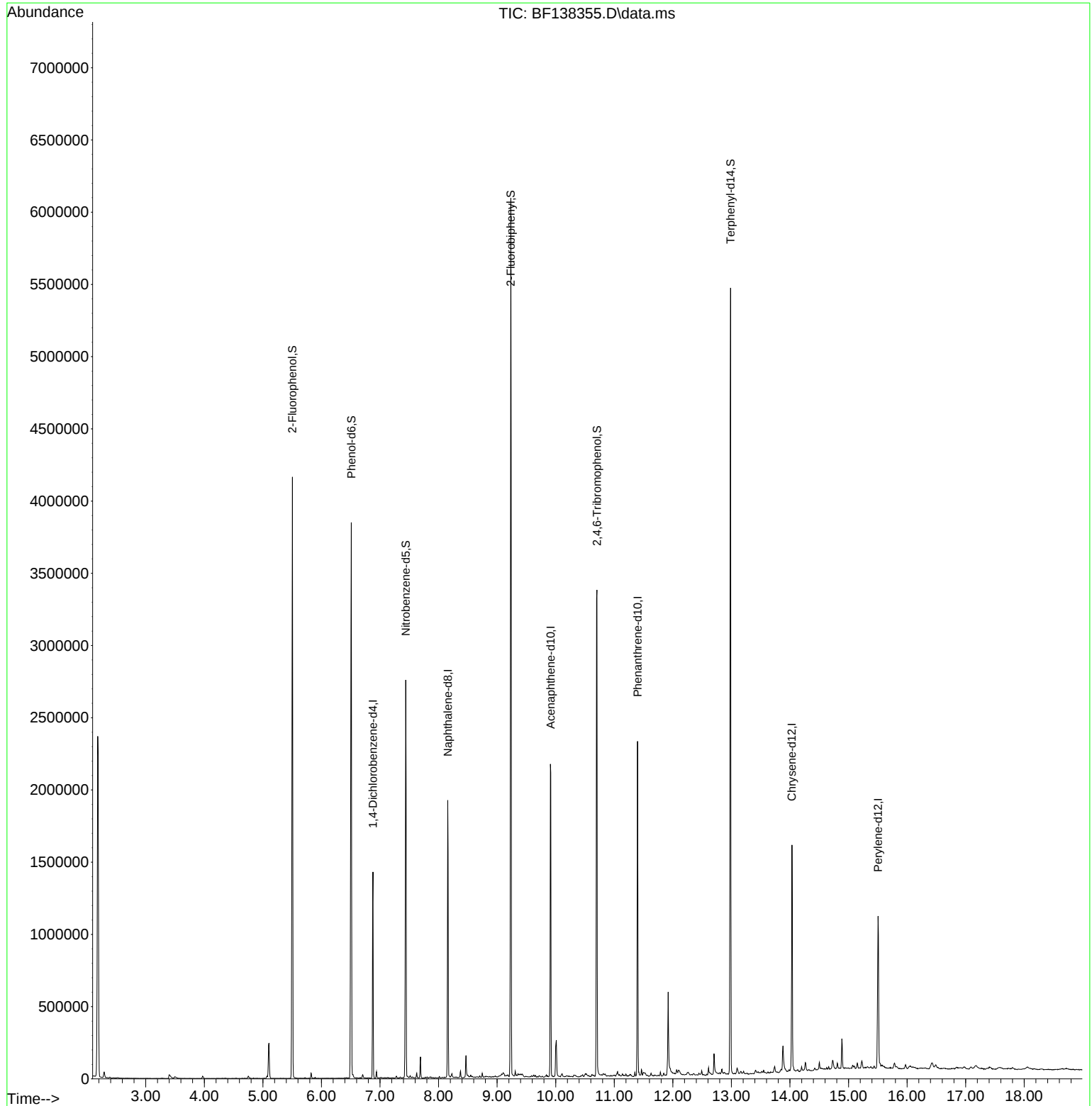
Target Compounds	Qvalue

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

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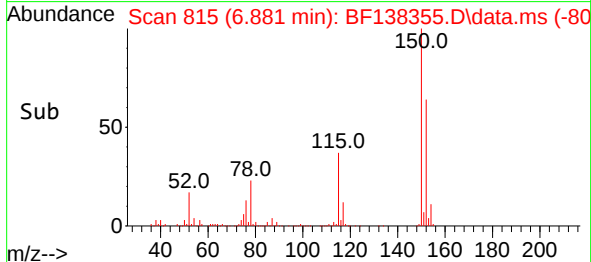
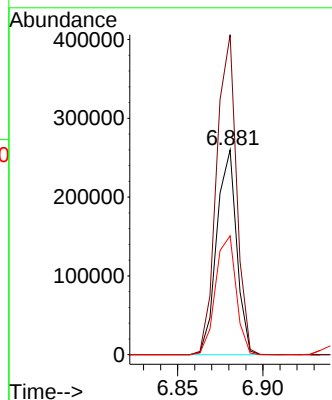
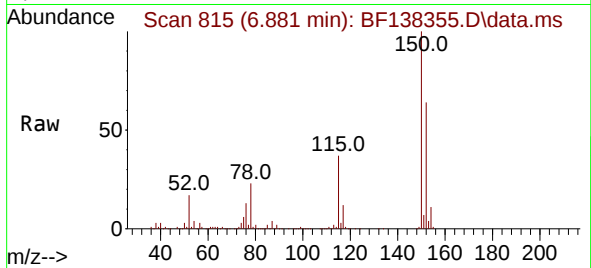




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

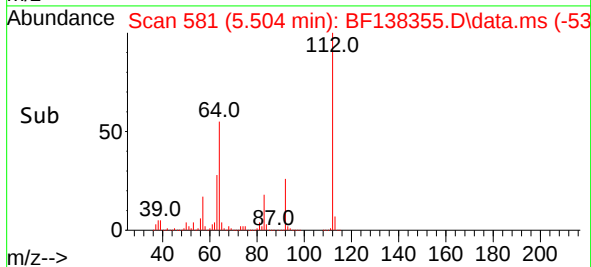
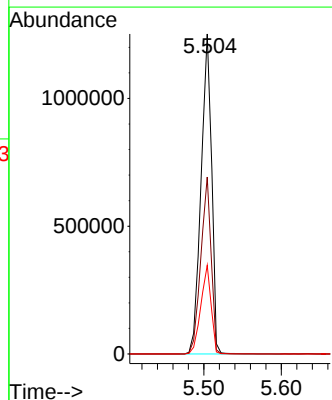
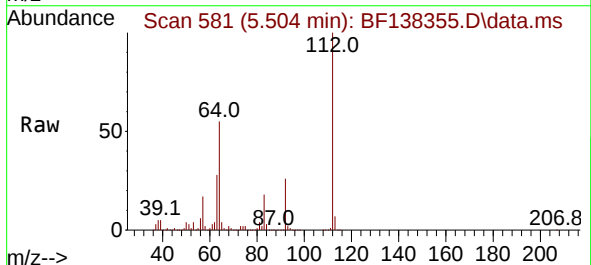
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1

Tgt Ion:152 Resp: 211579
Ion Ratio Lower Upper
152 100
150 156.2 125.0 187.4
115 58.0 48.4 72.6



#5
2-Fluorophenol
Concen: 93.612 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

Tgt Ion:112 Resp: 1184006
Ion Ratio Lower Upper
112 100
64 55.3 45.2 67.8
63 27.7 22.9 34.3

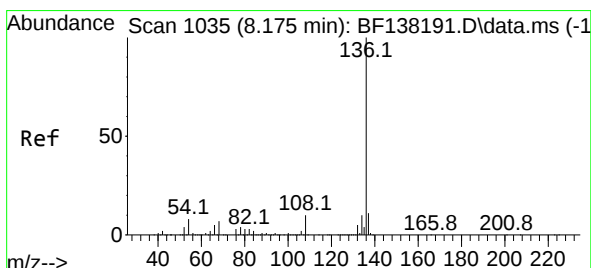
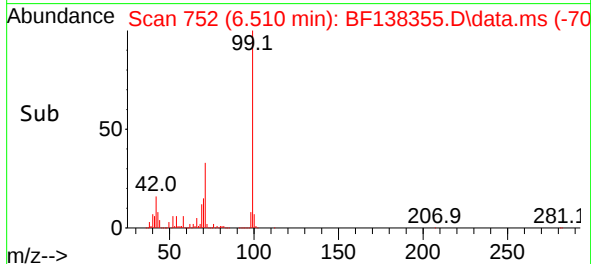
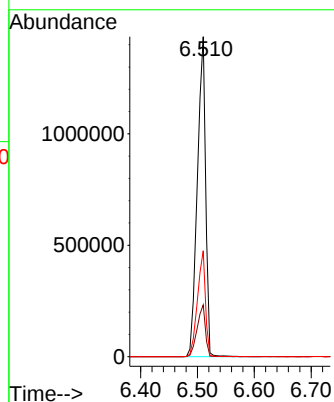
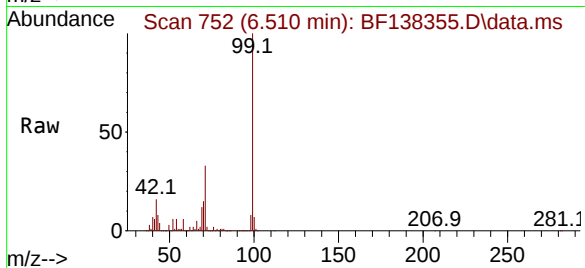




#7
Phenol-d6
Concen: 91.787 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

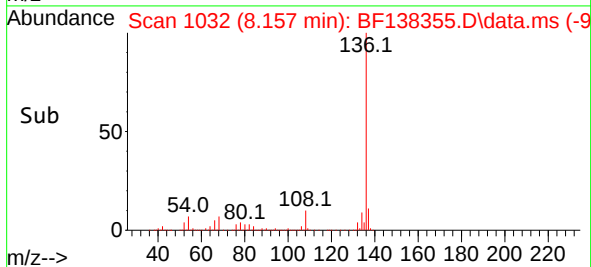
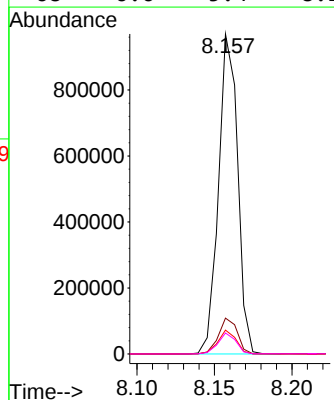
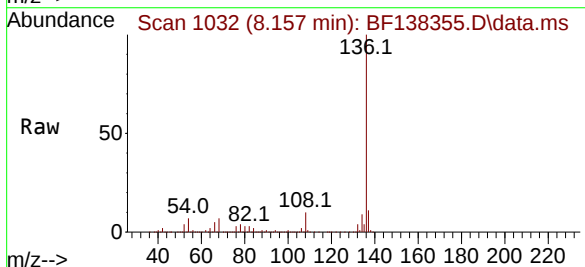
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1

Tgt Ion: 99 Resp: 1472096
Ion Ratio Lower Upper
99 100
42 16.2 13.7 20.5
71 33.1 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

Tgt Ion: 136 Resp: 832294
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.5 6.6 10.0
68 6.6 5.4 8.2

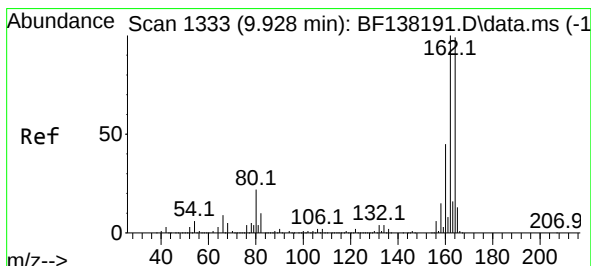
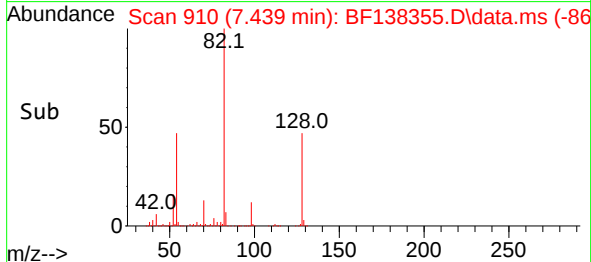
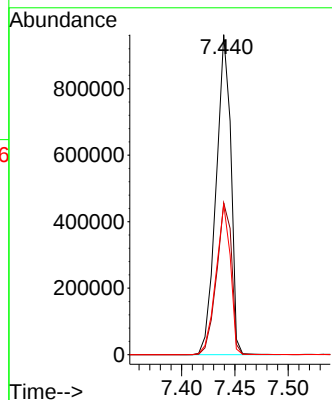
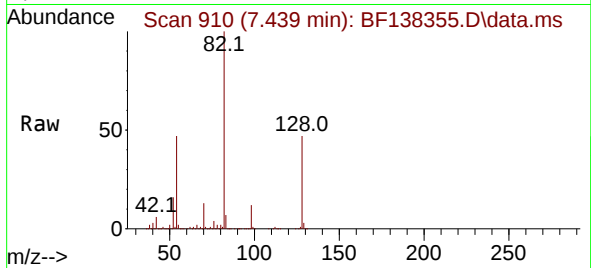




#23
Nitrobenzene-d5
Concen: 64.330 ng
RT: 7.439 min Scan# 913
Delta R.T. -0.018 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

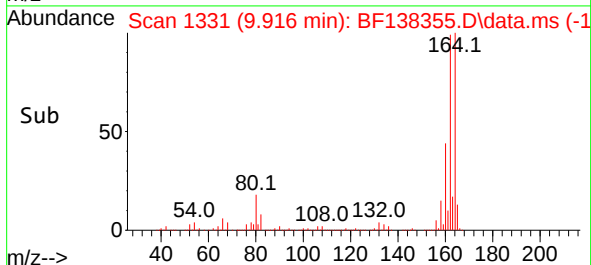
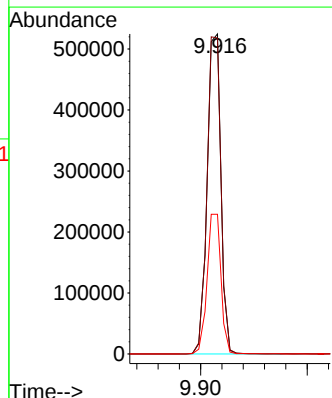
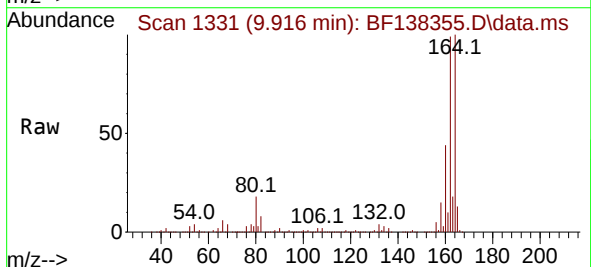
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1

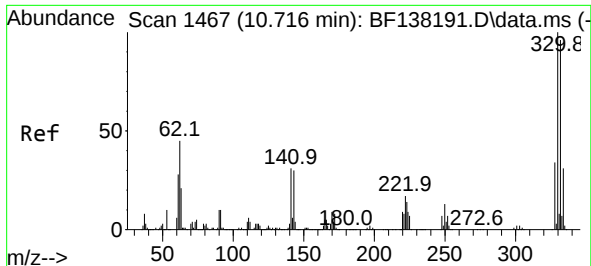
Tgt Ion: 82 Resp: 919698
Ion Ratio Lower Upper
82 100
128 47.4 37.2 55.8
54 47.0 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

Tgt Ion:164 Resp: 471596
Ion Ratio Lower Upper
164 100
162 98.7 80.6 121.0
160 43.7 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 100.811 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF138355.D

Acq: 26 Jun 2024 16:56

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1

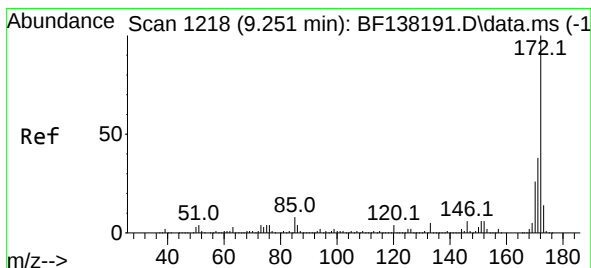
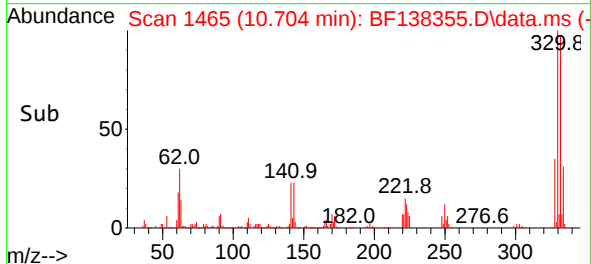
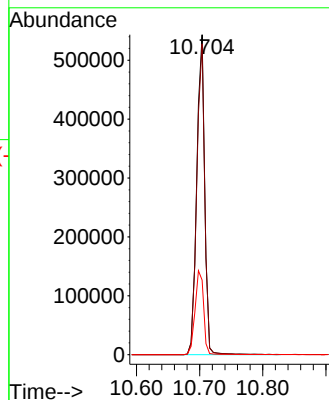
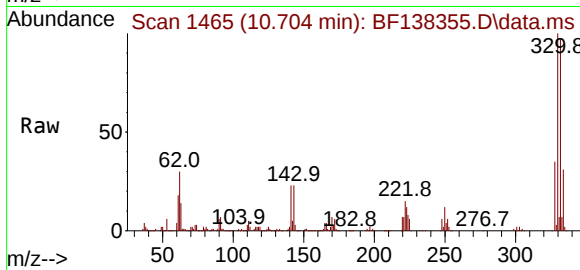
Tgt Ion:330 Resp: 473291

Ion Ratio Lower Upper

330 100

332 97.4 76.6 115.0

141 28.4 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 62.657 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.018 min

Lab File: BF138355.D

Acq: 26 Jun 2024 16:56

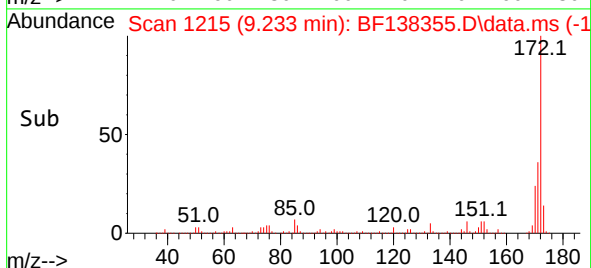
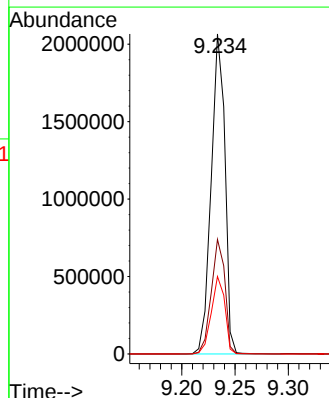
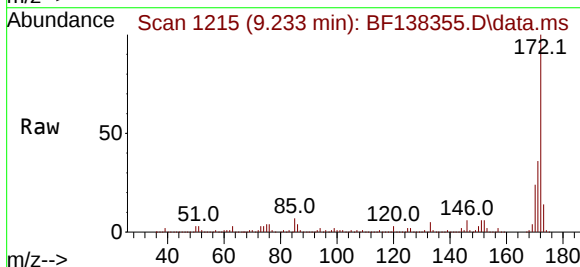
Tgt Ion:172 Resp: 1858251

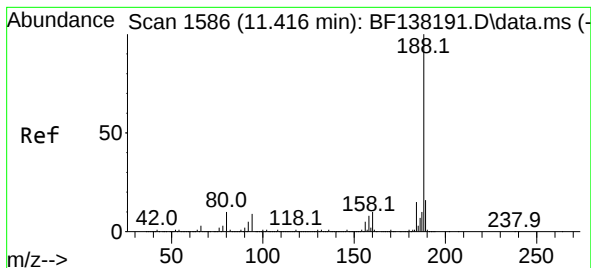
Ion Ratio Lower Upper

172 100

171 35.8 30.3 45.5

170 24.2 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138355.D

Acq: 26 Jun 2024 16:56

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1

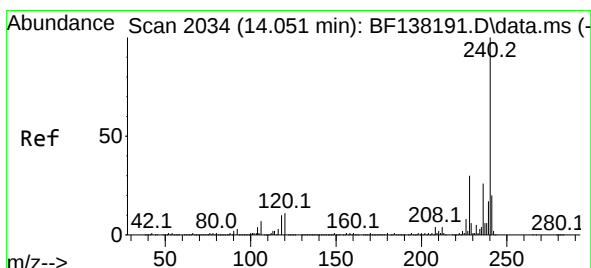
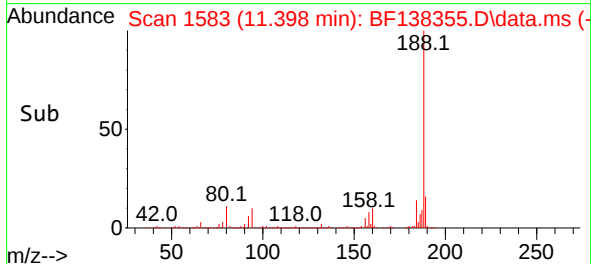
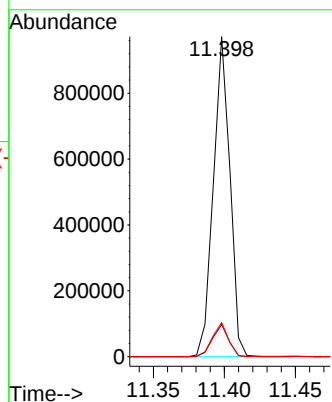
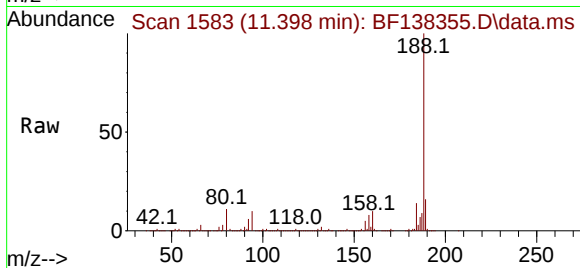
Tgt Ion:188 Resp: 784913

Ion Ratio Lower Upper

188 100

94 10.1 7.6 11.4

80 10.6 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.018 min

Lab File: BF138355.D

Acq: 26 Jun 2024 16:56

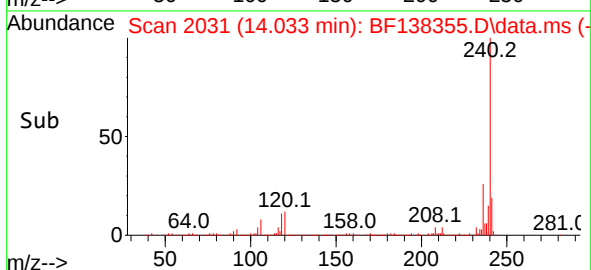
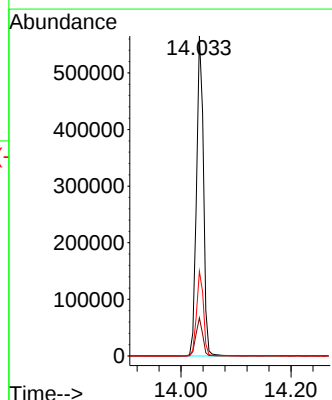
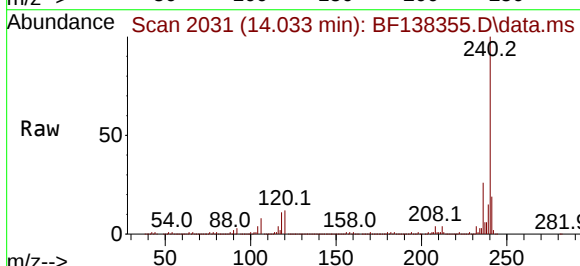
Tgt Ion:240 Resp: 493226

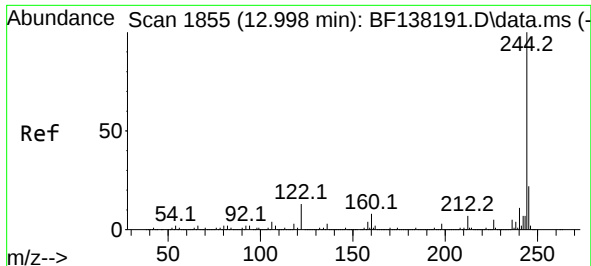
Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 26.4 21.0 31.6

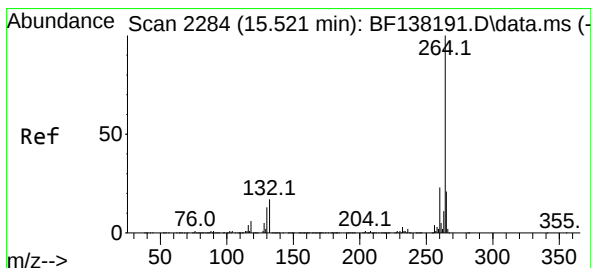
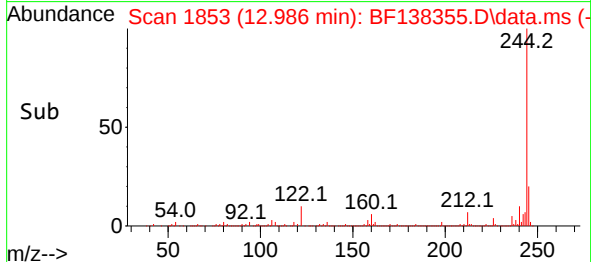
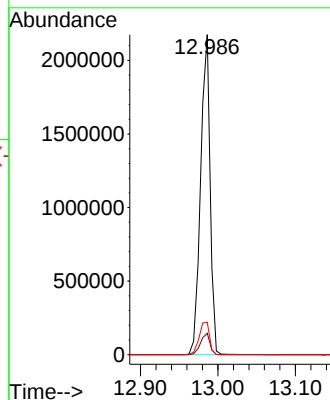
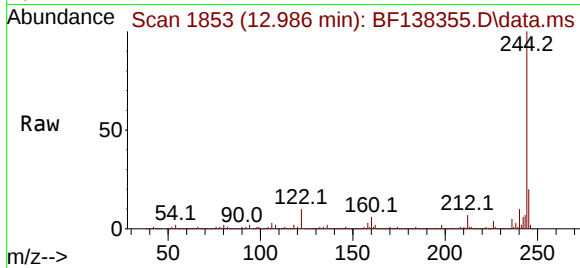




#79
 Terphenyl-d14
 Concen: 59.415 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.012 min
 Lab File: BF138355.D
 Acq: 26 Jun 2024 16:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-NORTH-1

Tgt Ion:244 Resp: 1850270
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 10.2 10.6 15.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. -0.018 min
 Lab File: BF138355.D
 Acq: 26 Jun 2024 16:56

Tgt Ion:264 Resp: 495831
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 22.1 17.0 25.6

