

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
 Data File : BF138467.D
 Acq On : 05 Jul 2024 14:27
 Operator : CG\JU
 Sample : P3073-02DL2 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW12-20240625DL2

Quant Time: Jul 05 14:50:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

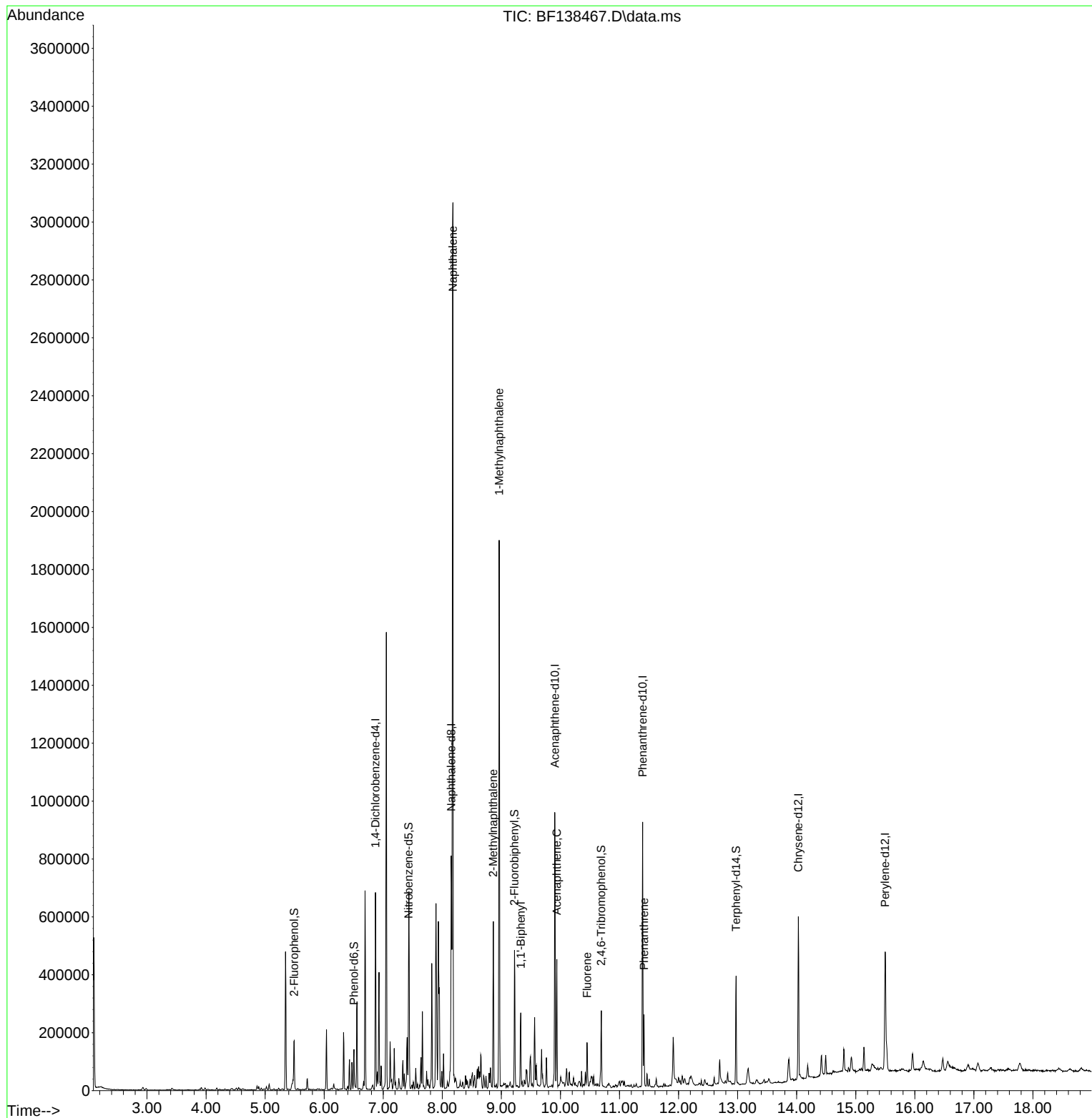
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	83792	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	329952	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	181442	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	291188	20.000	ng	0.00
76) Chrysene-d12	14.027	240	173018	20.000	ng	0.00
86) Perylene-d12	15.498	264	172152	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	42084	8.327	ng	0.00
7) Phenol-d6	6.504	99	37384	5.491	ng	-0.01
23) Nitrobenzene-d5	7.428	82	62989	9.917	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	24957	16.835	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	120993	10.612	ng	-0.01
79) Terphenyl-d14	12.974	244	115492	9.148	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.181	128	1317854	79.007	ng	99
37) 2-Methylnaphthalene	8.863	142	124439	11.543	ng	99
38) 1-Methylnaphthalene	8.963	142	445806	42.641	ng	99
46) 1,1'-Biphenyl	9.328	154	71463	5.275	ng	97
52) Acenaphthene	9.939	154	80116	8.054	ng	98
58) Fluorene	10.451	166	36212	3.325	ng	93
71) Phenanthrene	11.416	178	78364	5.512	ng	98

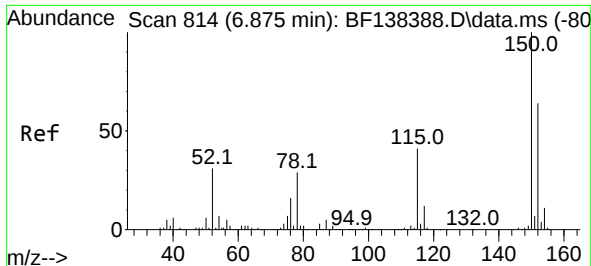
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
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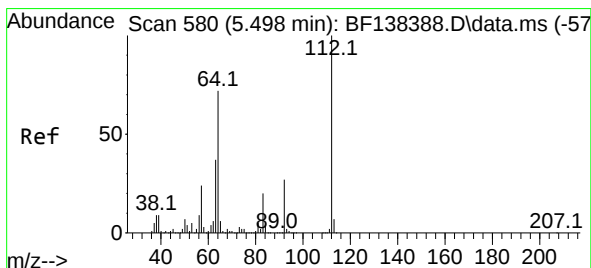
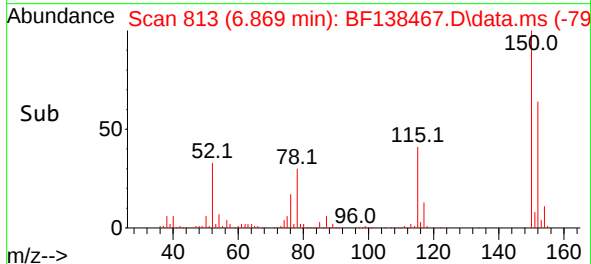
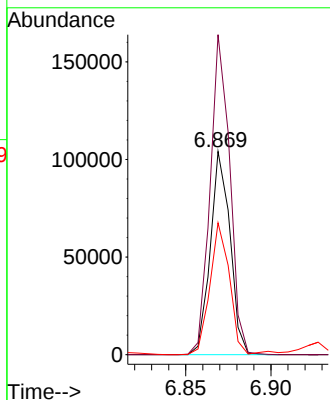
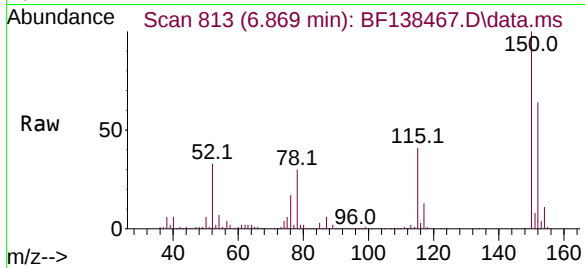




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF138467.D
Acq: 05 Jul 2024 14:27

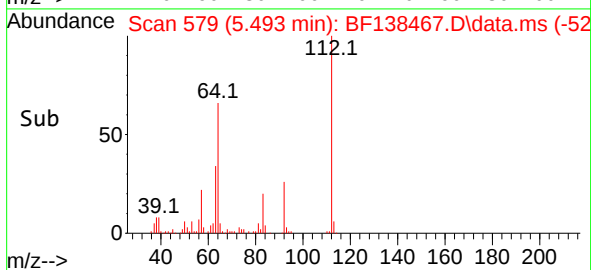
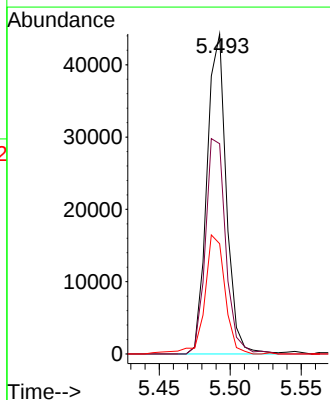
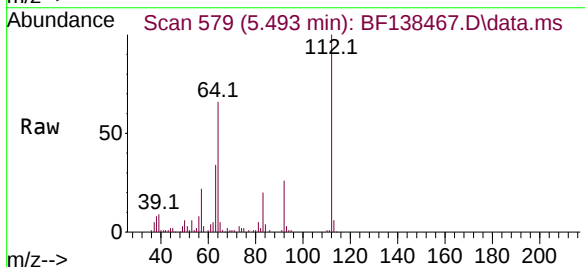
Instrument :
BNA_F
ClientSampleId :
MW12-20240625DL2

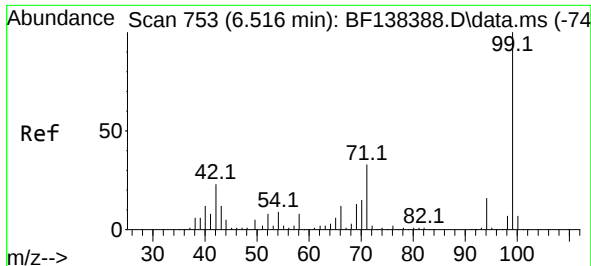
Tgt Ion:152 Resp: 83792
Ion Ratio Lower Upper
152 100
150 157.4 124.9 187.3
115 64.9 50.8 76.2



#5
2-Fluorophenol
Concen: 8.327 ng
RT: 5.493 min Scan# 579
Delta R.T. -0.006 min
Lab File: BF138467.D
Acq: 05 Jul 2024 14:27

Tgt Ion:112 Resp: 42084
Ion Ratio Lower Upper
112 100
64 65.7 57.2 85.8
63 34.4 29.4 44.0

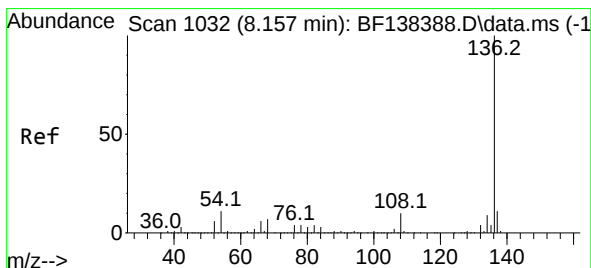
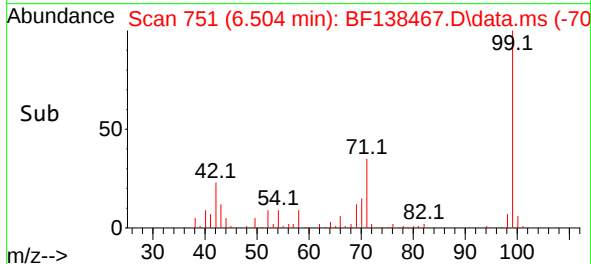
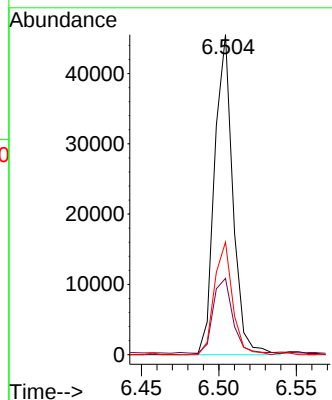
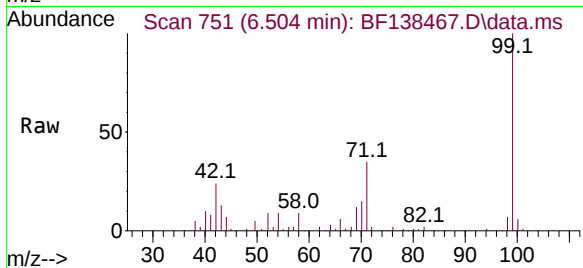




#7
Phenol-d6
Concen: 5.491 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138467.D
Acq: 05 Jul 2024 14:27

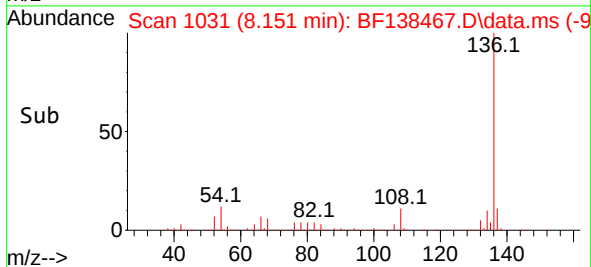
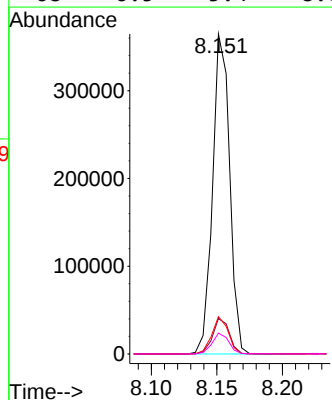
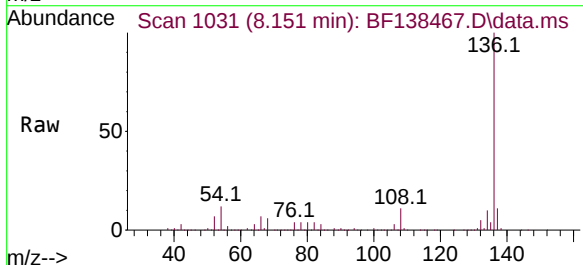
Instrument :
BNA_F
ClientSampleId :
MW12-20240625DL2

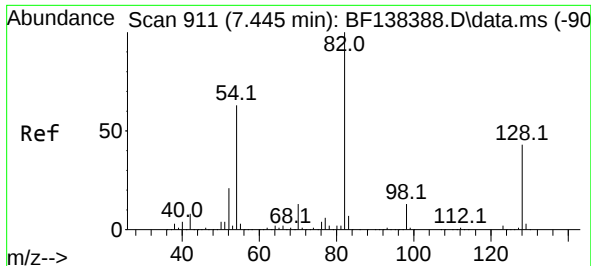
Tgt Ion: 99 Resp: 37384
Ion Ratio Lower Upper
99 100
42 23.8 18.5 27.7
71 35.2 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138467.D
Acq: 05 Jul 2024 14:27

Tgt Ion: 136 Resp: 329952
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.7 9.0 13.4
68 6.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 9.917 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF138467.D

Acq: 05 Jul 2024 14:27

Instrument :

BNA_F

ClientSampleId :

MW12-20240625DL2

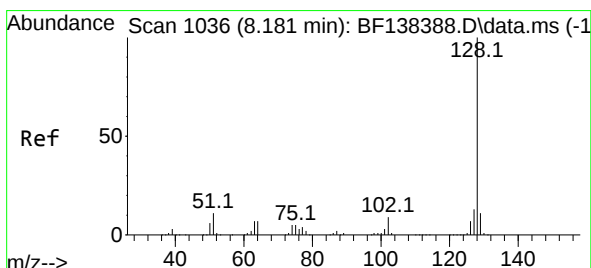
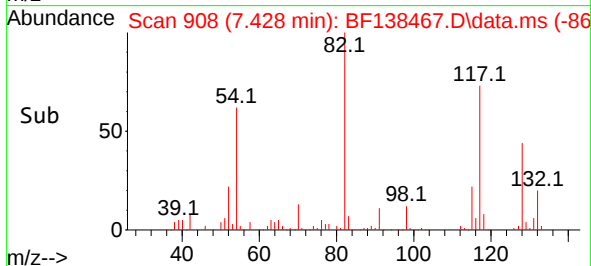
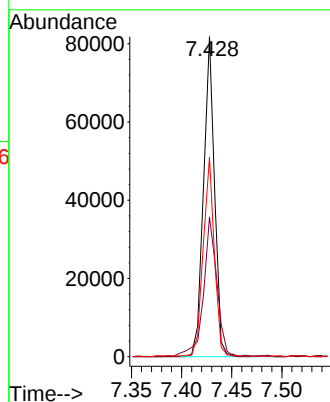
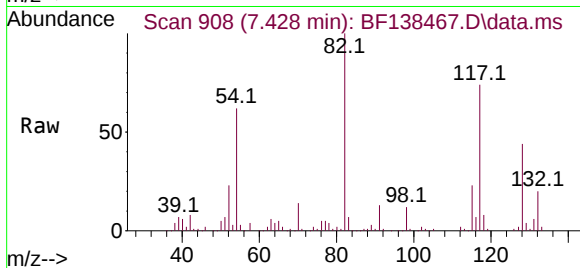
Tgt Ion: 82 Resp: 62989

Ion Ratio Lower Upper

82 100

128 43.7 34.6 52.0

54 62.4 50.5 75.7



#31

Naphthalene

Concen: 79.007 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF138467.D

Acq: 05 Jul 2024 14:27

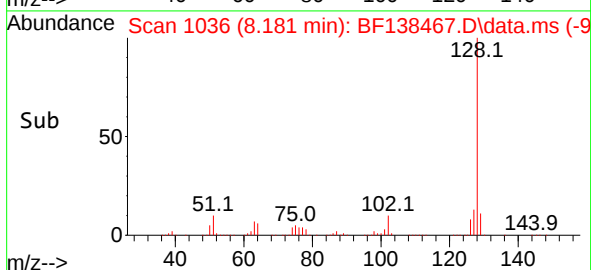
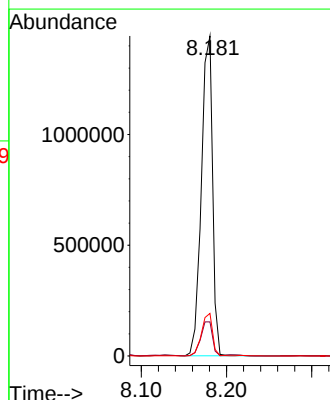
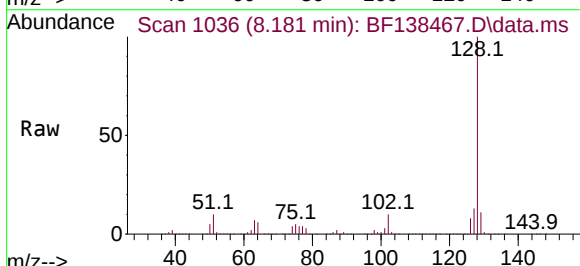
Tgt Ion:128 Resp: 1317854

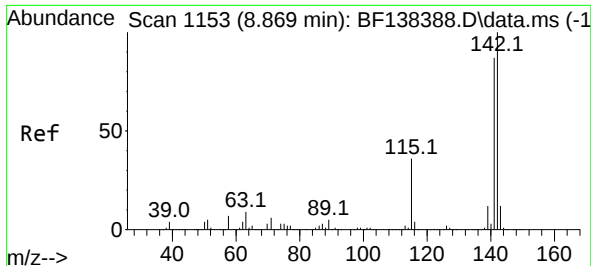
Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

127 13.3 10.6 16.0





#37

2-Methylnaphthalene

Concen: 11.543 ng

RT: 8.863 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF138467.D

Acq: 05 Jul 2024 14:27

Instrument :

BNA_F

ClientSampleId :

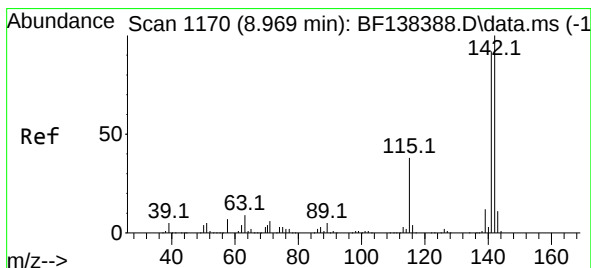
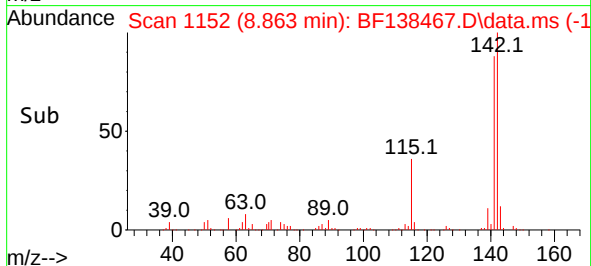
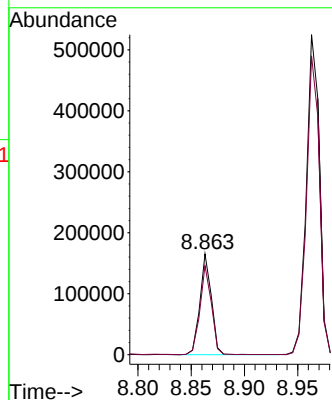
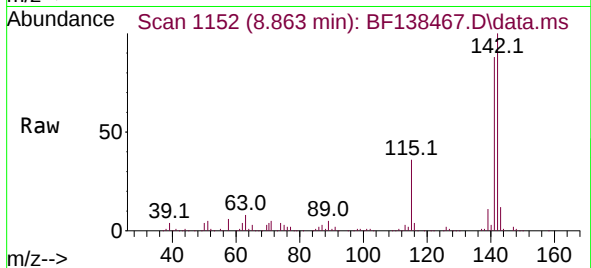
MW12-20240625DL2

Tgt Ion:142 Resp: 124439

Ion Ratio Lower Upper

142 100

141 88.2 69.6 104.4



#38

1-Methylnaphthalene

Concen: 42.641 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF138467.D

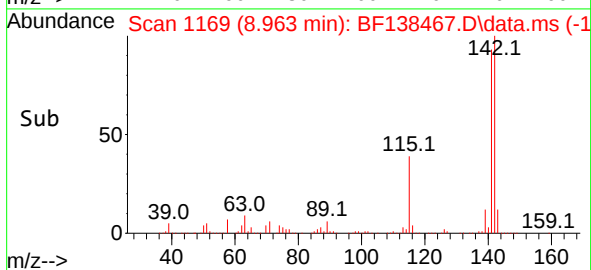
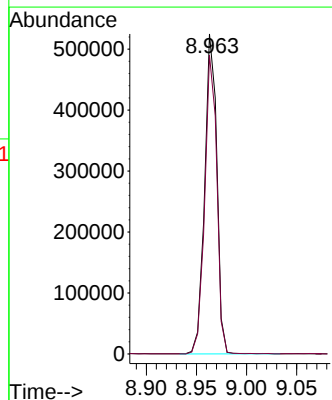
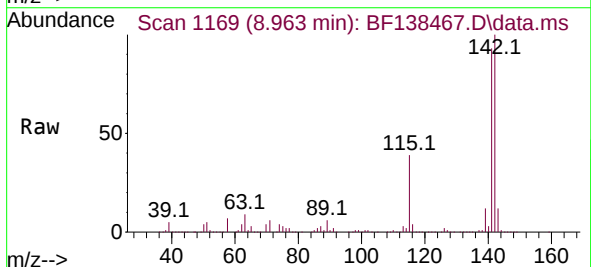
Acq: 05 Jul 2024 14:27

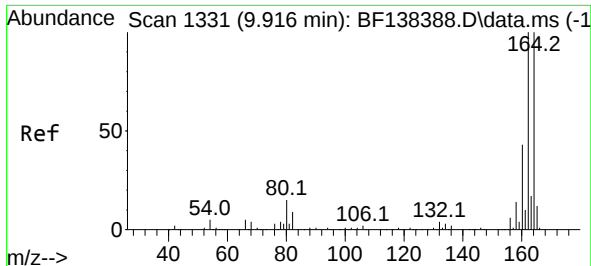
Tgt Ion:142 Resp: 445806

Ion Ratio Lower Upper

142 100

141 93.4 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138467.D

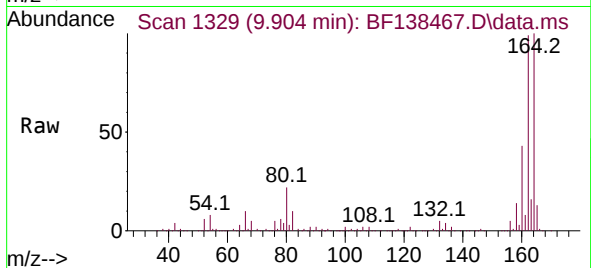
Acq: 05 Jul 2024 14:27

Instrument :

BNA_F

ClientSampleId :

MW12-20240625DL2



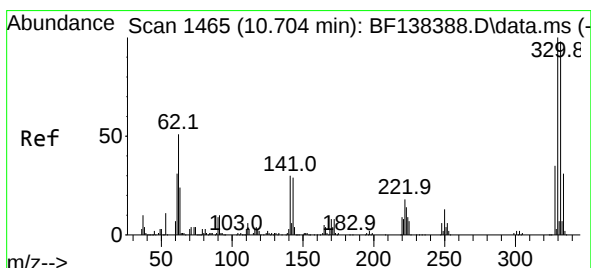
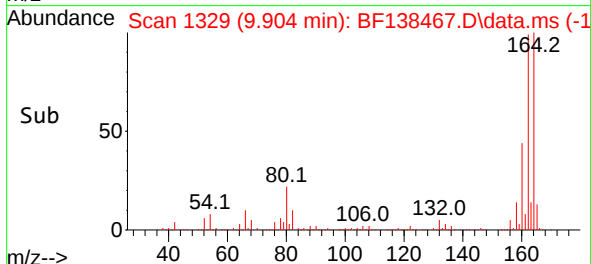
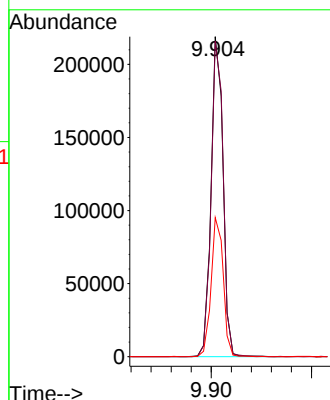
Tgt Ion:164 Resp: 181442

Ion Ratio Lower Upper

164 100

162 98.6 80.1 120.1

160 43.5 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 16.835 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.012 min

Lab File: BF138467.D

Acq: 05 Jul 2024 14:27

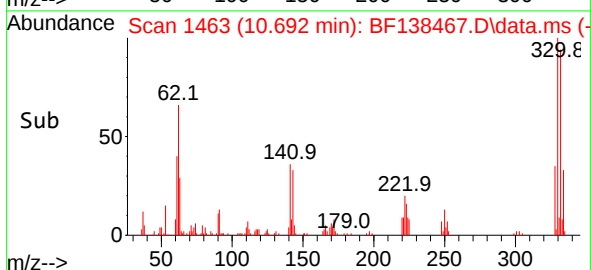
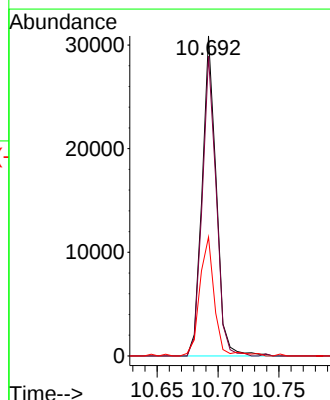
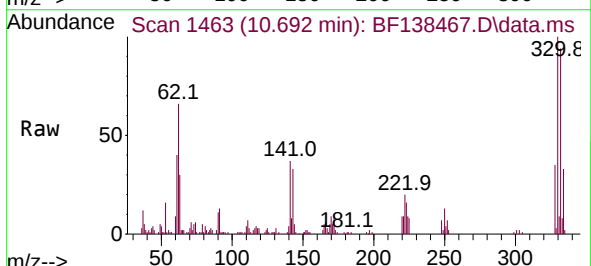
Tgt Ion:330 Resp: 24957

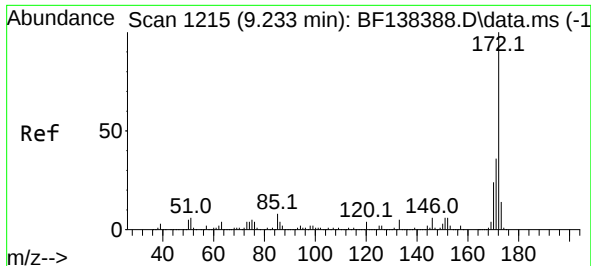
Ion Ratio Lower Upper

330 100

332 92.5 77.0 115.6

141 38.9 28.1 42.1





#45

2-Fluorobiphenyl

Concen: 10.612 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.011 min

Lab File: BF138467.D

Acq: 05 Jul 2024 14:27

Instrument :

BNA_F

ClientSampleId :

MW12-20240625DL2

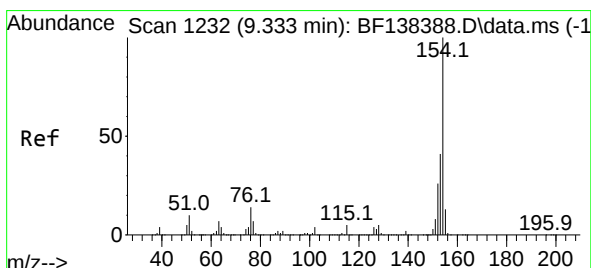
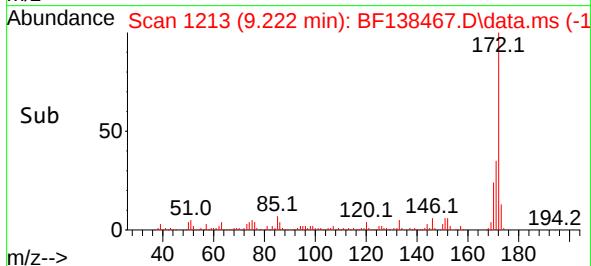
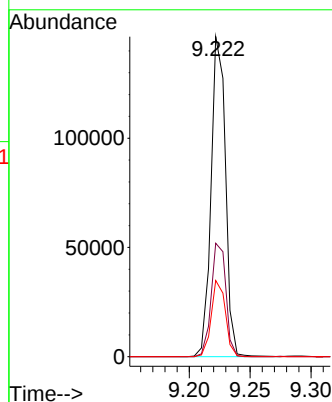
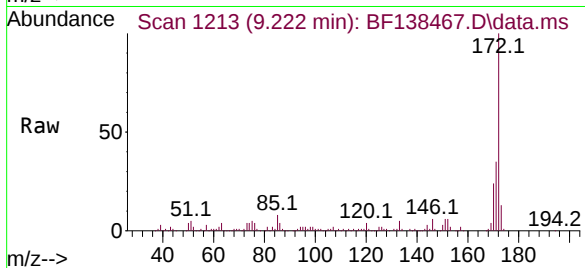
Tgt Ion:172 Resp: 120993

Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.4

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 5.275 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF138467.D

Acq: 05 Jul 2024 14:27

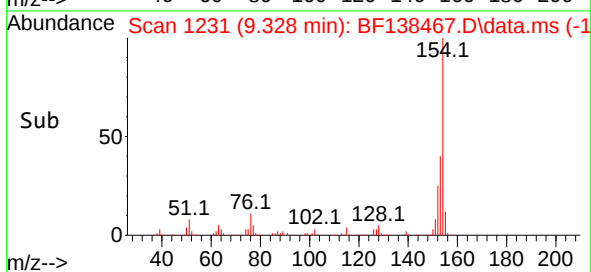
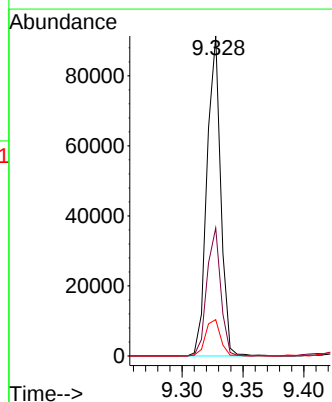
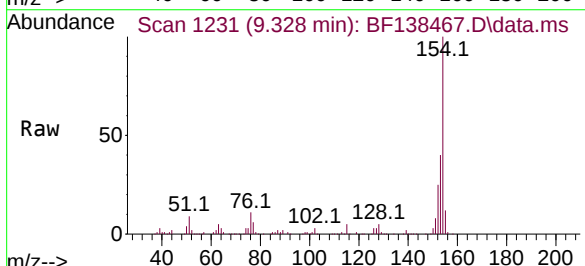
Tgt Ion:154 Resp: 71463

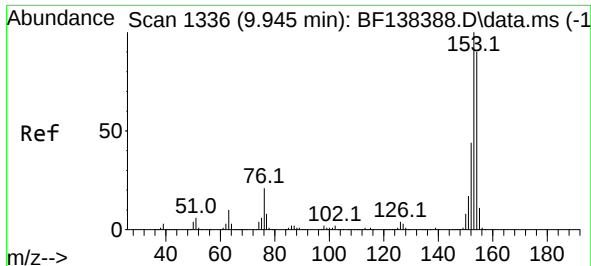
Ion Ratio Lower Upper

154 100

153 40.0 20.5 60.5

76 11.4 0.0 34.4

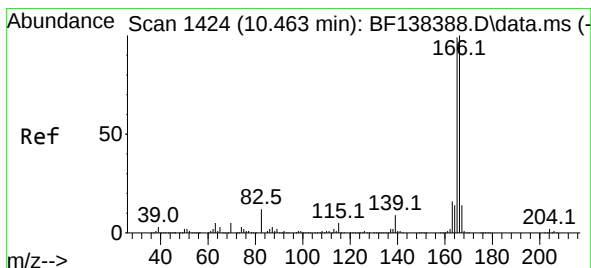
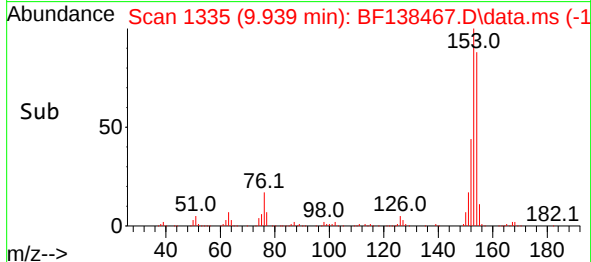
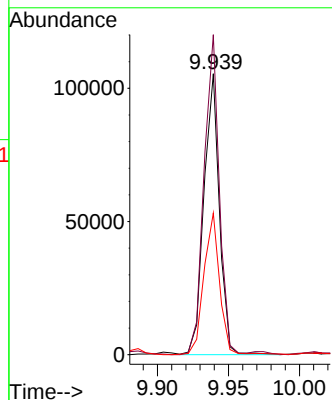
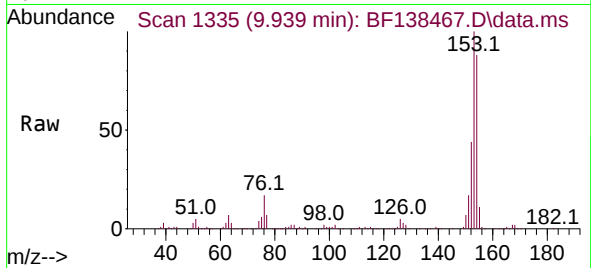




#52
Acenaphthene
Concen: 8.054 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138467.D
Acq: 05 Jul 2024 14:27

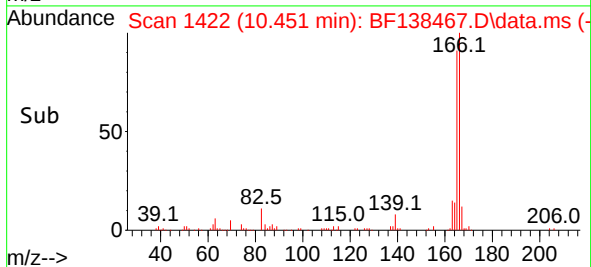
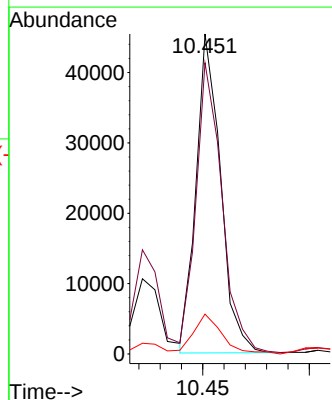
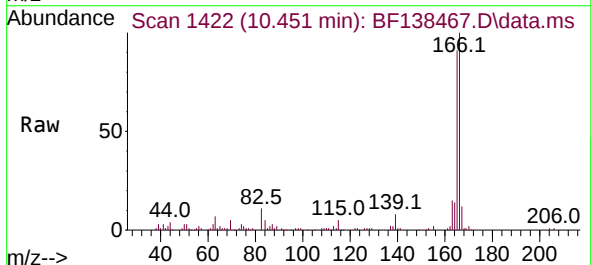
Instrument :
BNA_F
ClientSampleId :
MW12-20240625DL2

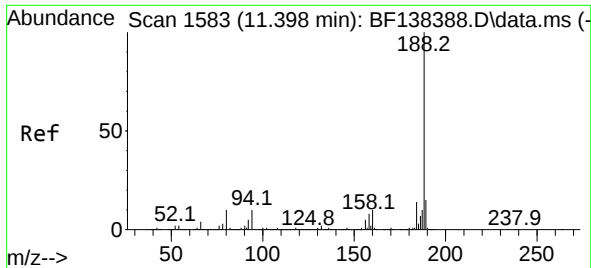
Tgt Ion:154 Resp: 80116
Ion Ratio Lower Upper
154 100
153 113.9 89.4 134.0
152 50.4 39.7 59.5



#58
Fluorene
Concen: 3.325 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF138467.D
Acq: 05 Jul 2024 14:27

Tgt Ion:166 Resp: 36212
Ion Ratio Lower Upper
166 100
165 91.0 79.0 118.6
167 12.5 10.8 16.2

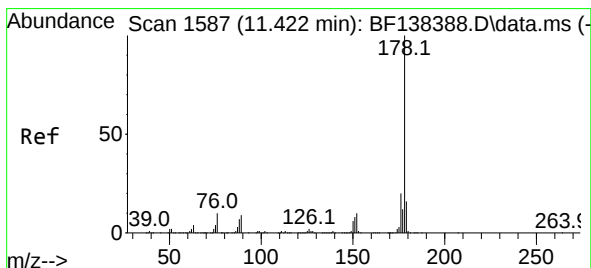
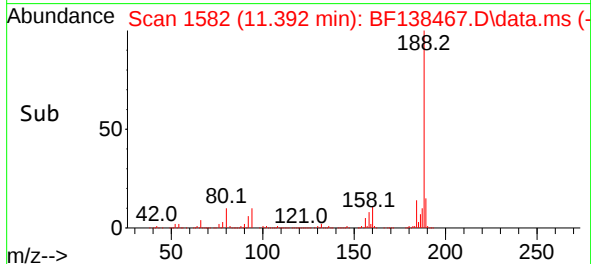
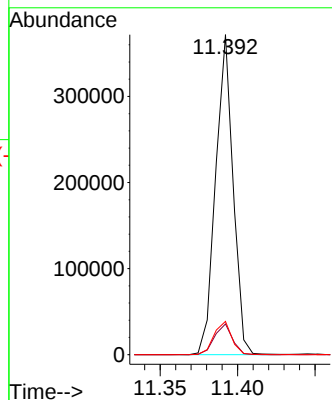
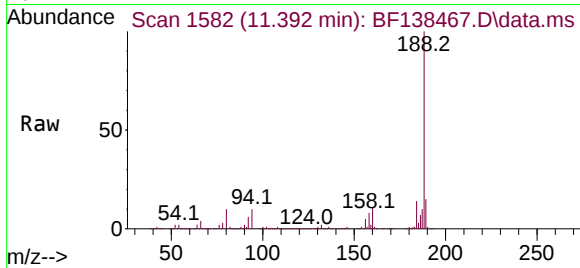




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138467.D
Acq: 05 Jul 2024 14:27

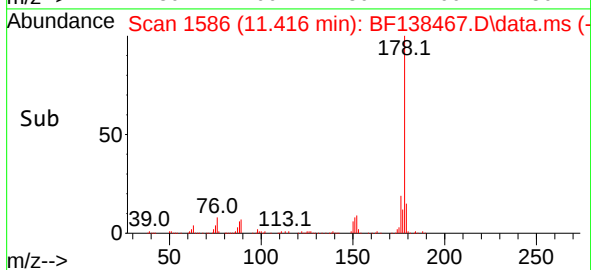
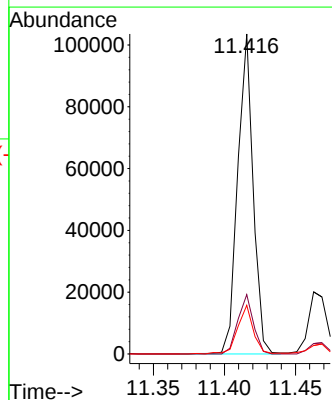
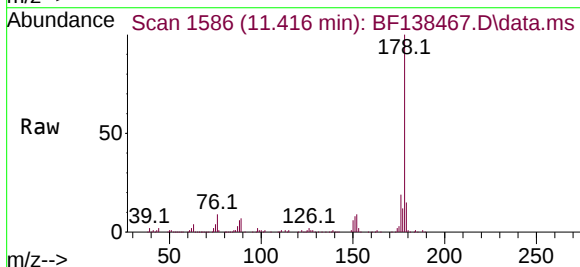
Instrument :
BNA_F
ClientSampleId :
MW12-20240625DL2

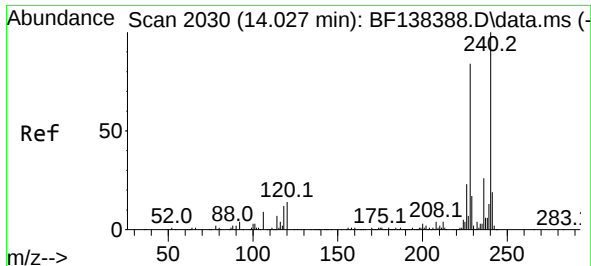
Tgt Ion:188 Resp: 291188
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 10.4 8.2 12.4



#71
Phenanthrene
Concen: 5.512 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF138467.D
Acq: 05 Jul 2024 14:27

Tgt Ion:178 Resp: 78364
Ion Ratio Lower Upper
178 100
176 18.5 16.1 24.1
179 15.2 12.6 18.8

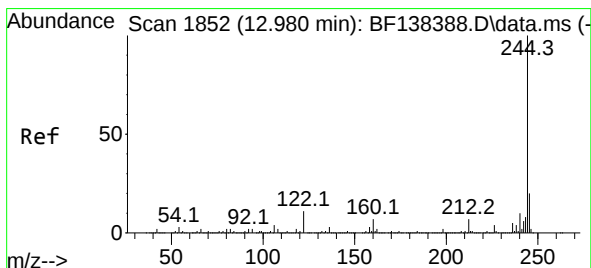
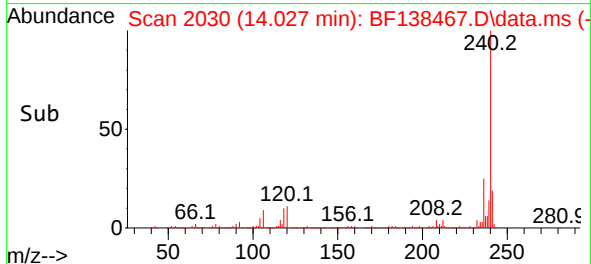
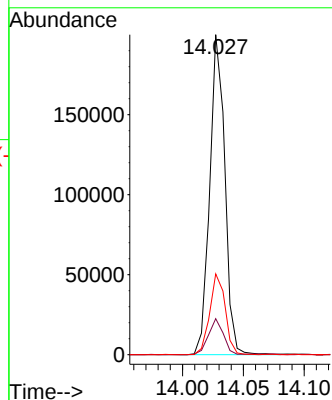
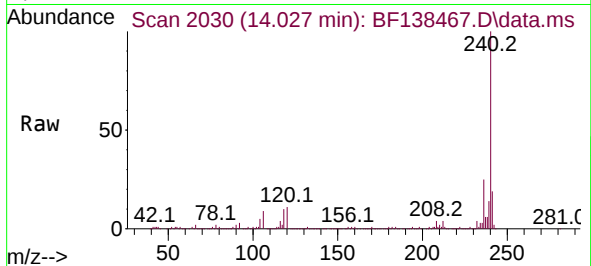




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138467.D
Acq: 05 Jul 2024 14:27

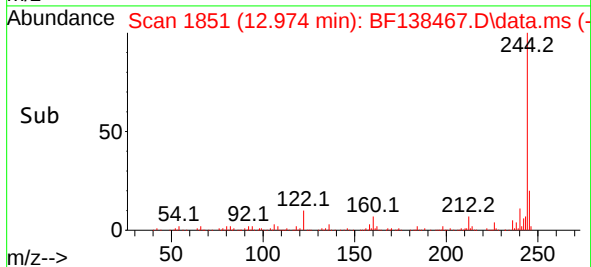
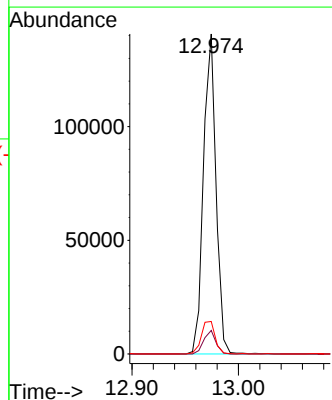
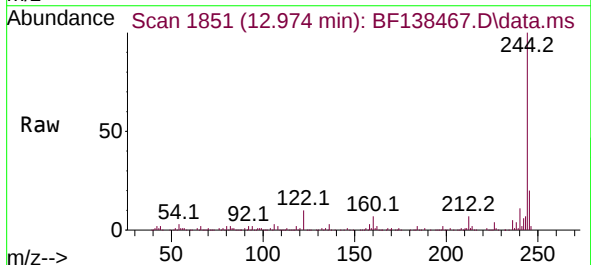
Instrument :
BNA_F
ClientSampleId :
MW12-20240625DL2

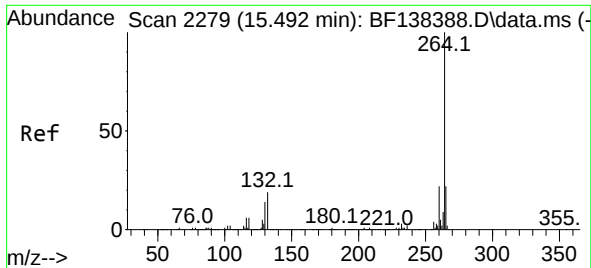
Tgt Ion:240 Resp: 173018
Ion Ratio Lower Upper
240 100
120 11.2 10.9 16.3
236 25.3 20.6 30.8



#79
Terphenyl-d14
Concen: 9.148 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF138467.D
Acq: 05 Jul 2024 14:27

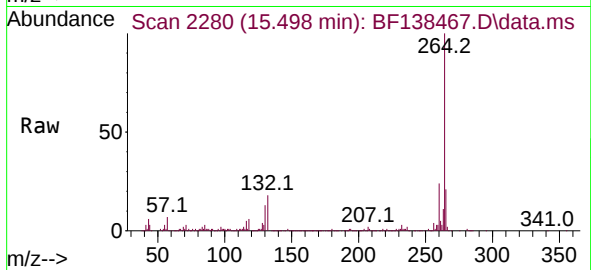
Tgt Ion:244 Resp: 115492
Ion Ratio Lower Upper
244 100
212 7.4 5.6 8.4
122 10.2 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF138467.D
 Acq: 05 Jul 2024 14:27

Instrument :
 BNA_F
 ClientSampleId :
 MW12-20240625DL2



Tgt Ion:264 Resp: 172152
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.8 26.6
 265 20.8 17.5 26.3

