

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138456.D
 Acq On : 03 Jul 2024 20:07
 Operator : CG\JU
 Sample : P3073-02DL2 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW12-20240625DL2

Quant Time: Jul 04 01:00:31 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)

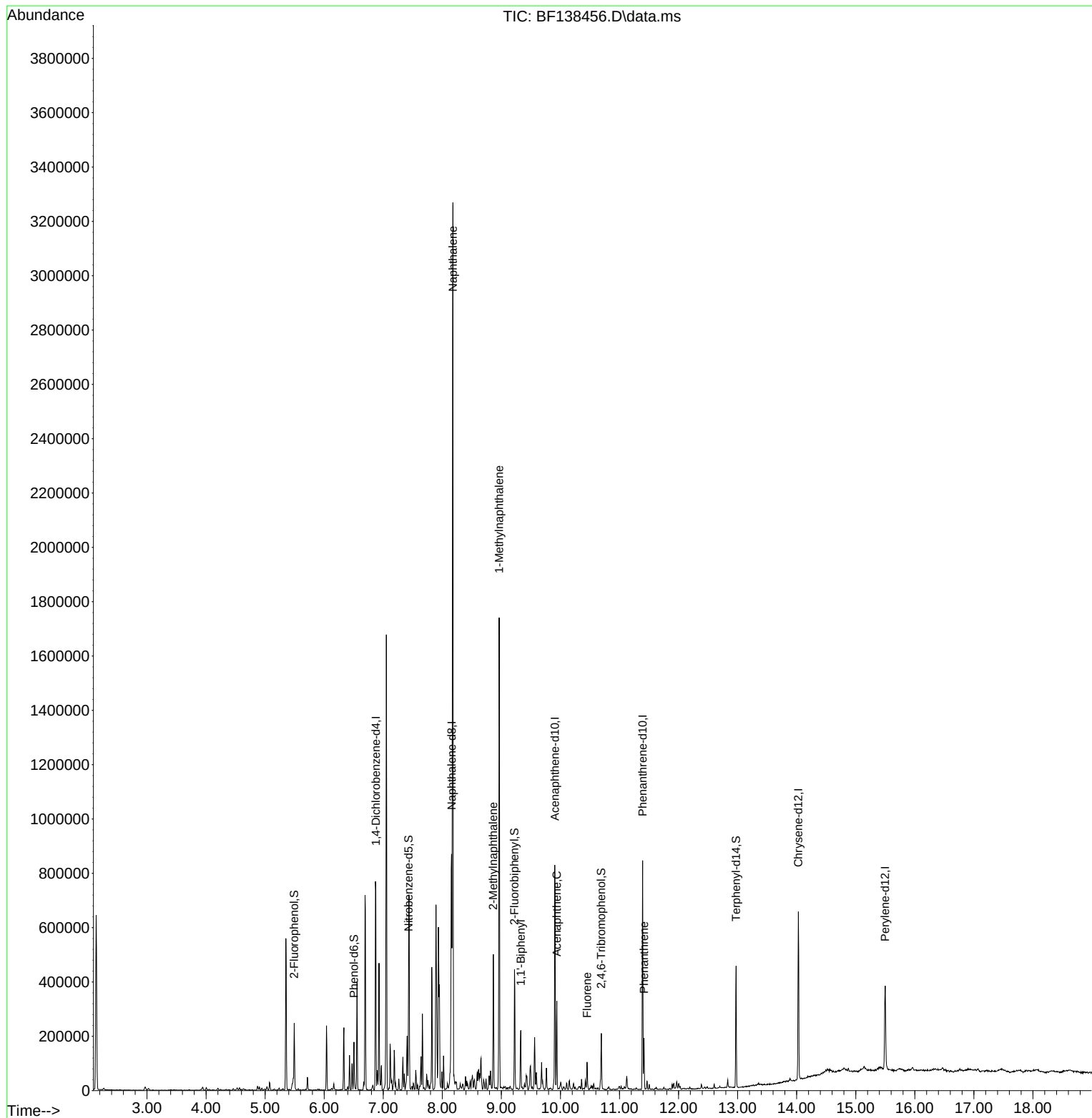
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	107443	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	372851	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	158995	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	264250	20.000	ng	0.00
76) Chrysene-d12	14.027	240	195711	20.000	ng	0.00
86) Perylene-d12	15.498	264	140163	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	52613	8.119	ng	0.00
7) Phenol-d6	6.504	99	46863	5.368	ng	-0.01
23) Nitrobenzene-d5	7.428	82	67686	9.430	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	19014	14.637	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	116629	11.674	ng	-0.01
79) Terphenyl-d14	12.974	244	136126	9.532	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.180	128	1312109	69.612	ng	99
37) 2-Methylnaphthalene	8.863	142	113925	9.352	ng	97
38) 1-Methylnaphthalene	8.963	142	408470	34.575	ng	98
46) 1,1'-Biphenyl	9.327	154	60246	5.075	ng	97
52) Acenaphthene	9.939	154	61596	7.067	ng	98
58) Fluorene	10.451	166	24954	2.615	ng	97
71) Phenanthrene	11.416	178	61574	4.772	ng	99

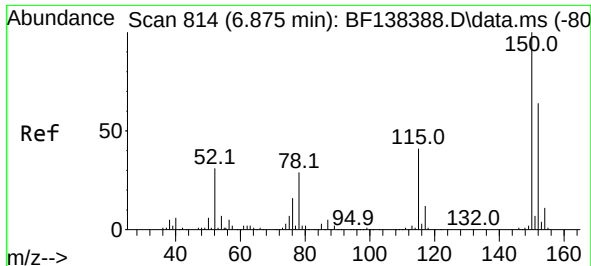
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
Data File : BF138456.D
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Operator : CG\JU
Sample : P3073-02DL2 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW12-20240625DL2

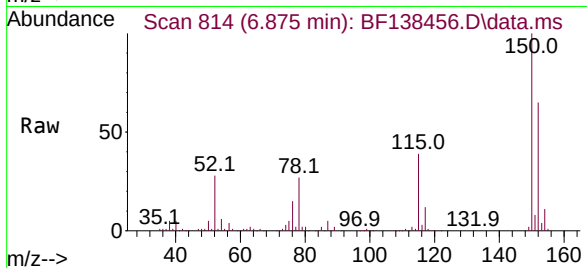
Quant Time: Jul 04 01:00:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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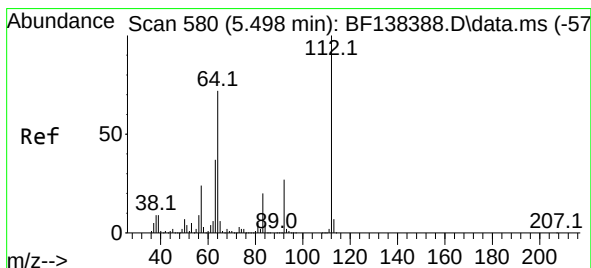
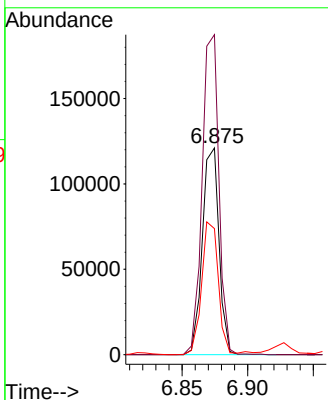
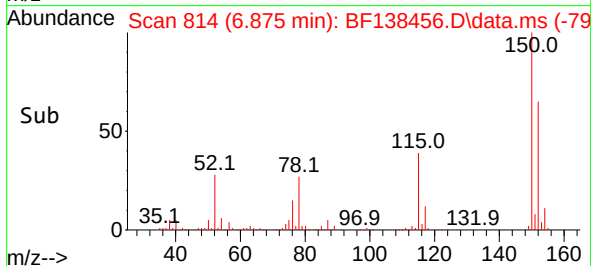


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138456.D
Acq: 03 Jul 2024 20:07

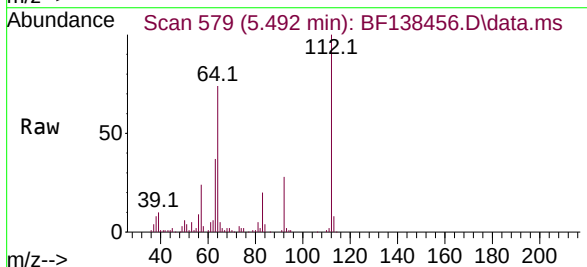
Instrument :
BNA_F
ClientSampleId :
MW12-20240625DL2



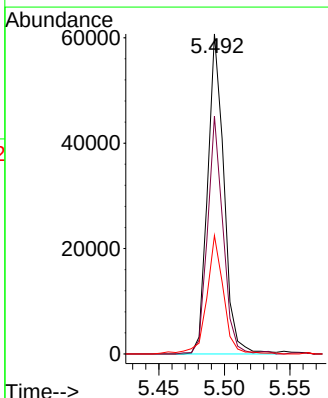
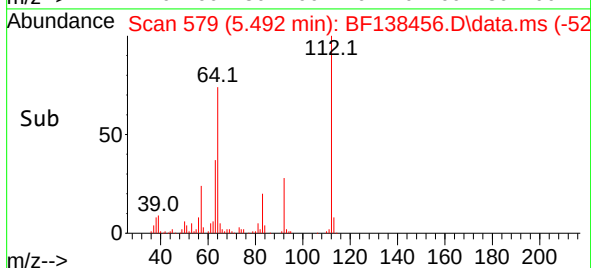
Tgt Ion:152 Resp: 107443
Ion Ratio Lower Upper
152 100
150 154.8 124.9 187.3
115 61.0 50.8 76.2

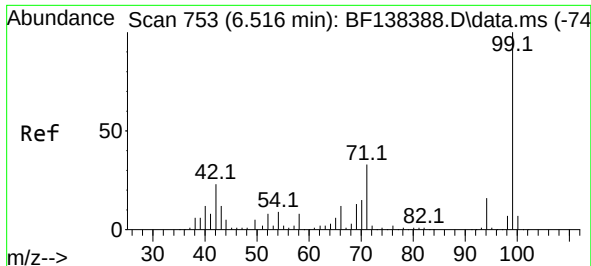


#5
2-Fluorophenol
Concen: 8.119 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.006 min
Lab File: BF138456.D
Acq: 03 Jul 2024 20:07



Tgt Ion:112 Resp: 52613
Ion Ratio Lower Upper
112 100
64 74.3 57.2 85.8
63 37.0 29.4 44.0

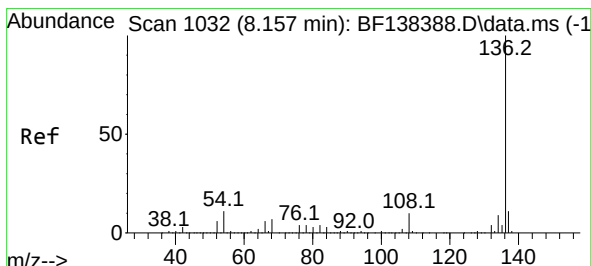
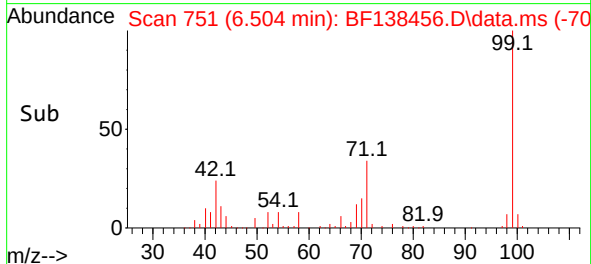
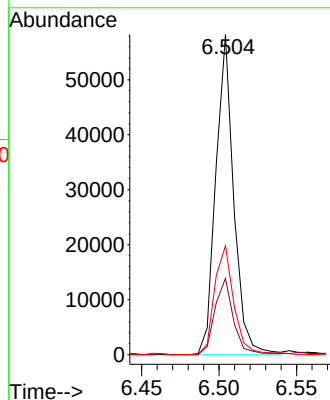
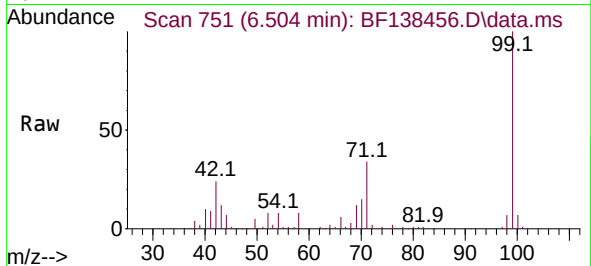




#7
Phenol-d6
Concen: 5.368 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138456.D
Acq: 03 Jul 2024 20:07

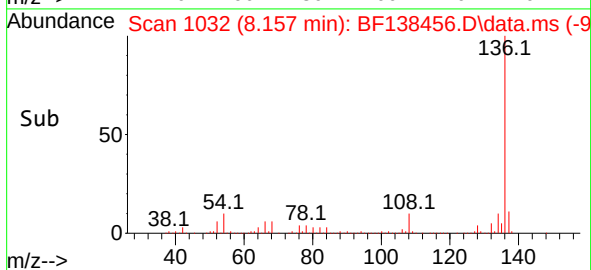
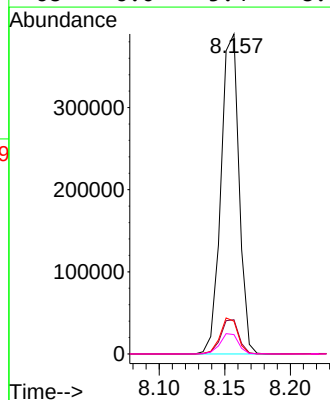
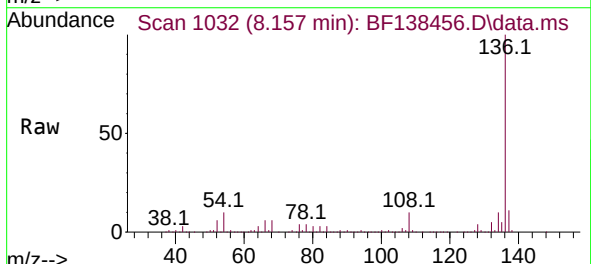
Instrument :
BNA_F
ClientSampleId :
MW12-20240625DL2

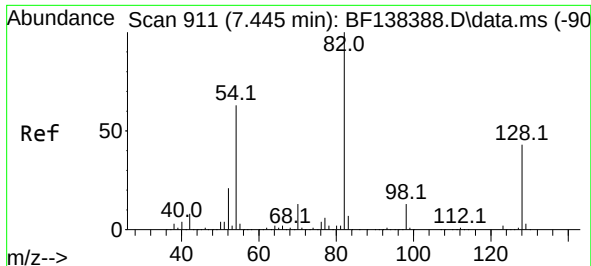
Tgt Ion: 99 Resp: 46863
Ion Ratio Lower Upper
99 100
42 23.9 18.5 27.7
71 34.0 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF138456.D
Acq: 03 Jul 2024 20:07

Tgt Ion: 136 Resp: 372851
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.3 9.0 13.4
68 6.0 5.4 8.0





#23

Nitrobenzene-d5

Concen: 9.430 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF138456.D

Acq: 03 Jul 2024 20:07

Instrument :

BNA_F

ClientSampleId :

MW12-20240625DL2

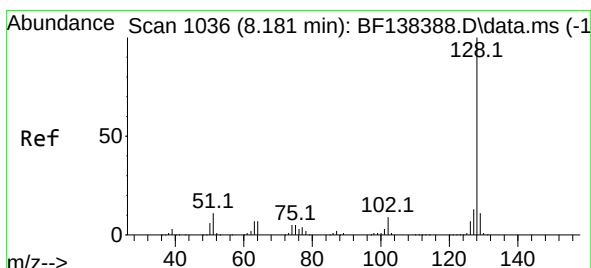
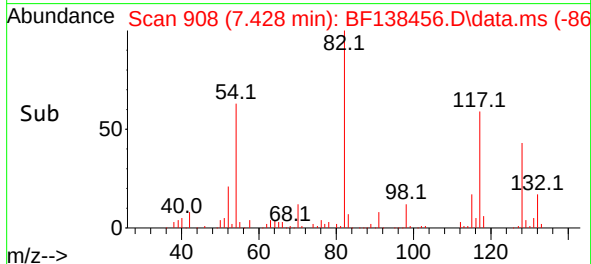
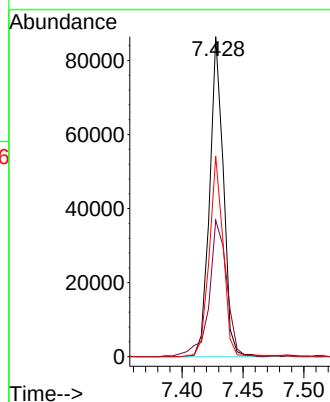
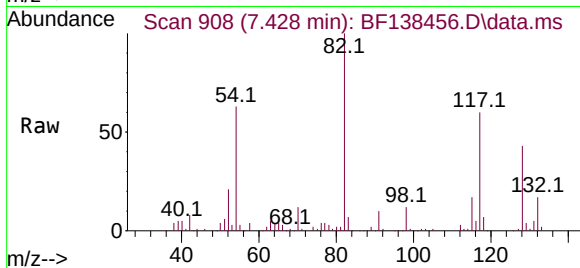
Tgt Ion: 82 Resp: 67686

Ion Ratio Lower Upper

82 100

128 42.6 34.6 52.0

54 62.6 50.5 75.7



#31

Naphthalene

Concen: 69.612 ng

RT: 8.180 min Scan# 1036

Delta R.T. -0.000 min

Lab File: BF138456.D

Acq: 03 Jul 2024 20:07

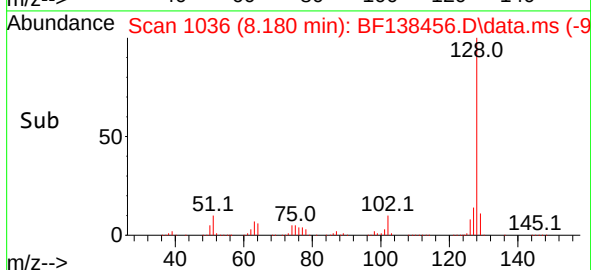
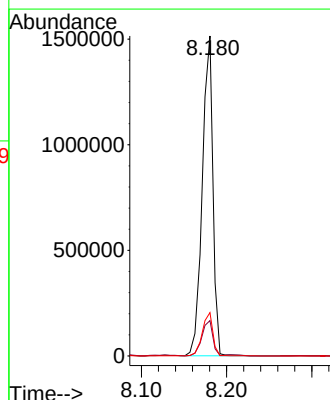
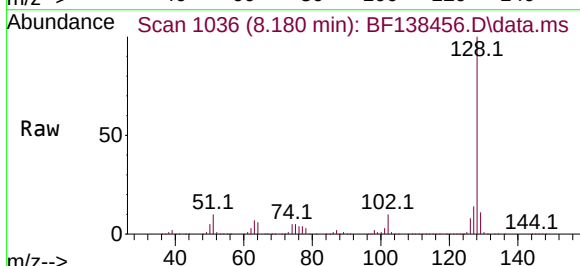
Tgt Ion:128 Resp: 1312109

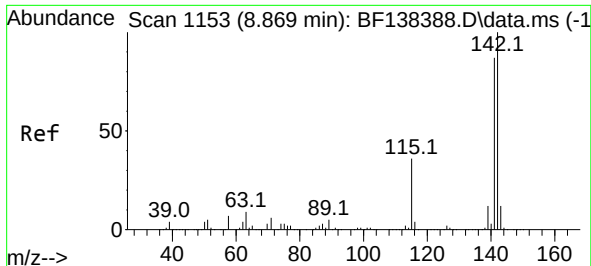
Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.5 10.6 16.0





#37

2-Methylnaphthalene

Concen: 9.352 ng

RT: 8.863 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF138456.D

Acq: 03 Jul 2024 20:07

Instrument :

BNA_F

ClientSampleId :

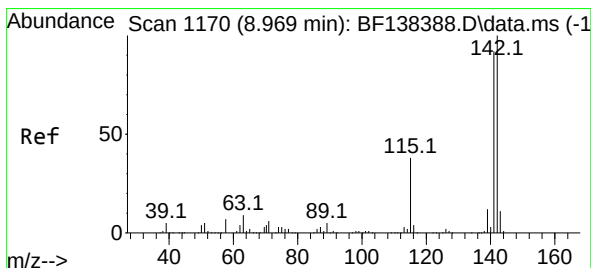
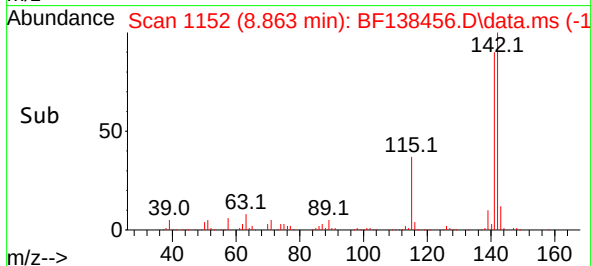
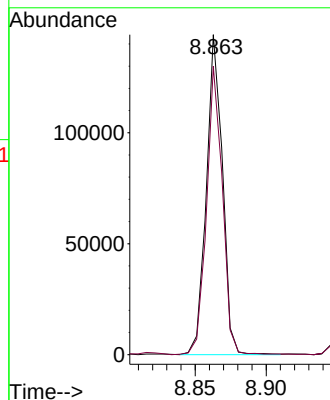
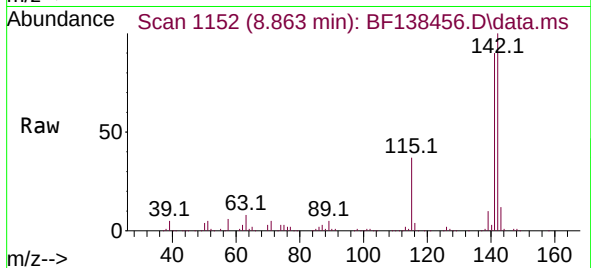
MW12-20240625DL2

Tgt Ion:142 Resp: 113925

Ion Ratio Lower Upper

142 100

141 90.2 69.6 104.4



#38

1-Methylnaphthalene

Concen: 34.575 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF138456.D

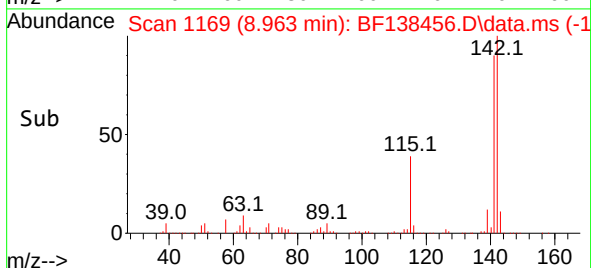
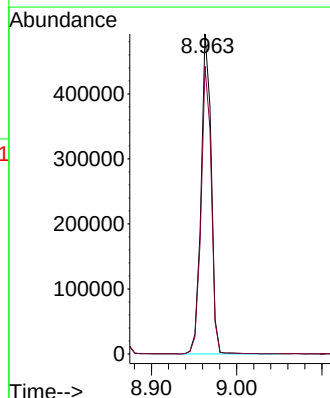
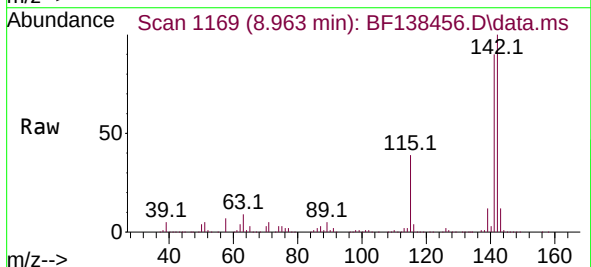
Acq: 03 Jul 2024 20:07

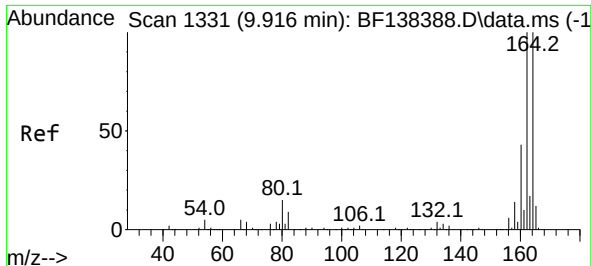
Tgt Ion:142 Resp: 408470

Ion Ratio Lower Upper

142 100

141 89.9 73.7 110.5

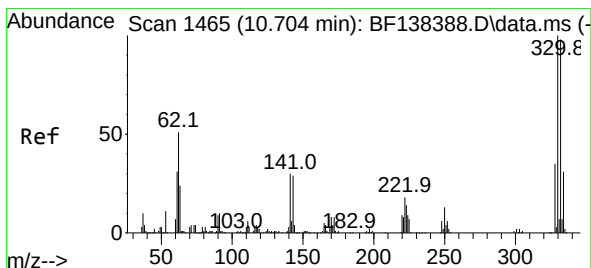
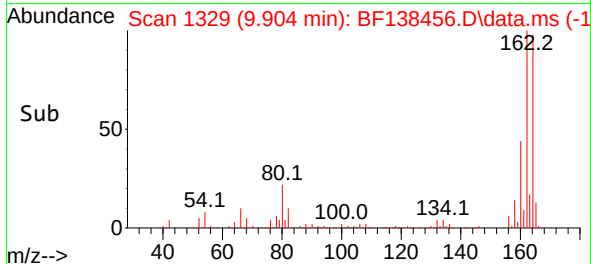
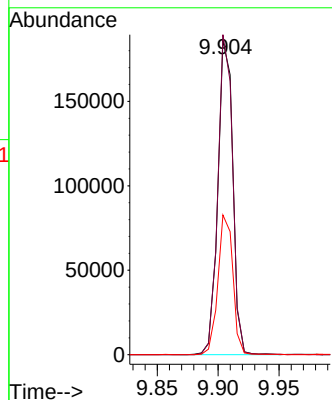
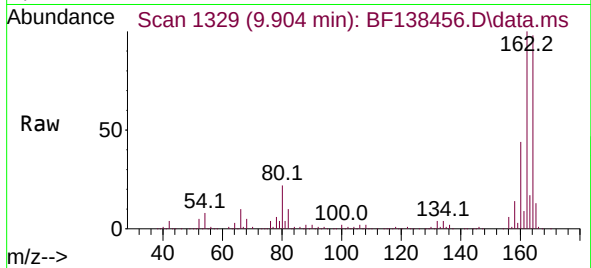




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138456.D
Acq: 03 Jul 2024 20:07

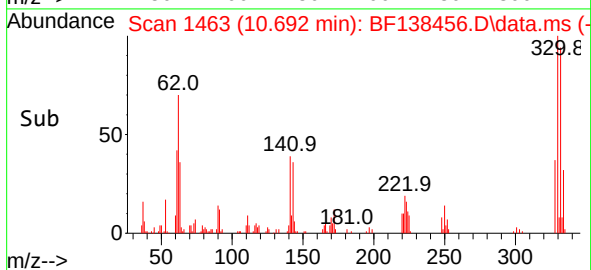
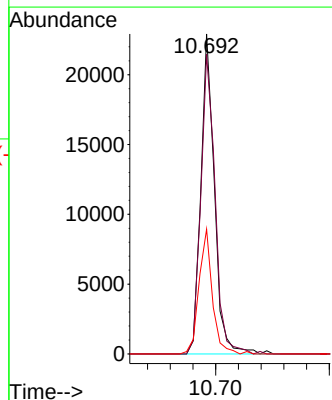
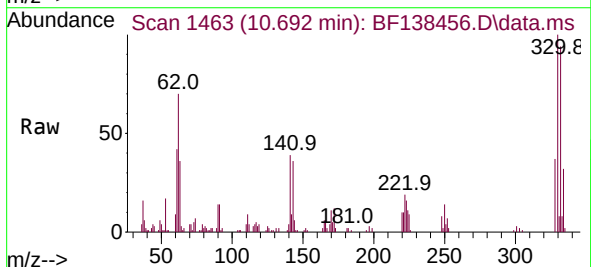
Instrument :
BNA_F
ClientSampleId :
MW12-20240625DL2

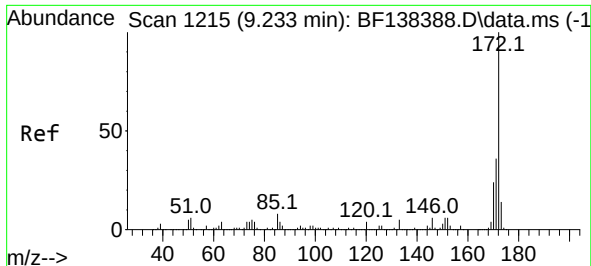
Tgt Ion:164 Resp: 158995
Ion Ratio Lower Upper
164 100
162 101.8 80.1 120.1
160 44.4 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 14.637 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF138456.D
Acq: 03 Jul 2024 20:07

Tgt Ion:330 Resp: 19014
Ion Ratio Lower Upper
330 100
332 98.6 77.0 115.6
141 38.6 28.1 42.1





#45

2-Fluorobiphenyl

Concen: 11.674 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF138456.D

Acq: 03 Jul 2024 20:07

Instrument :

BNA_F

ClientSampleId :

MW12-20240625DL2

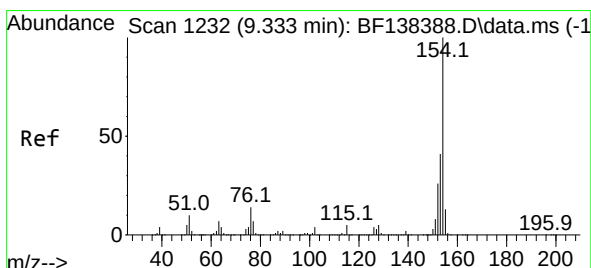
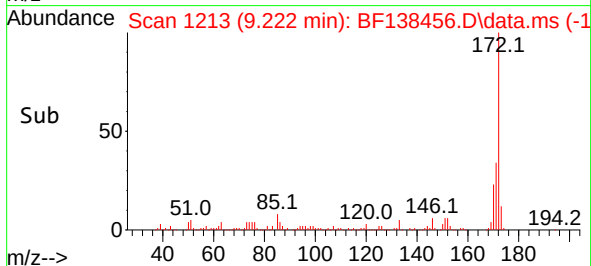
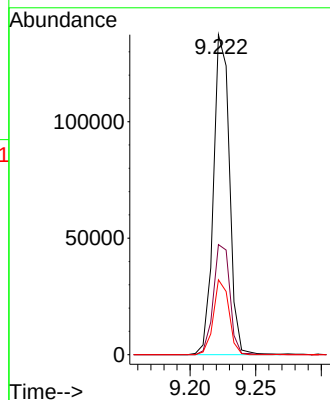
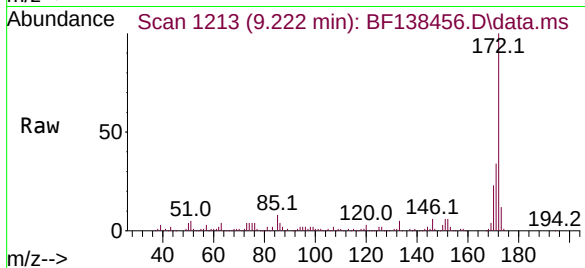
Tgt Ion:172 Resp: 116629

Ion Ratio Lower Upper

172 100

171 34.4 29.0 43.4

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 5.075 ng

RT: 9.327 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF138456.D

Acq: 03 Jul 2024 20:07

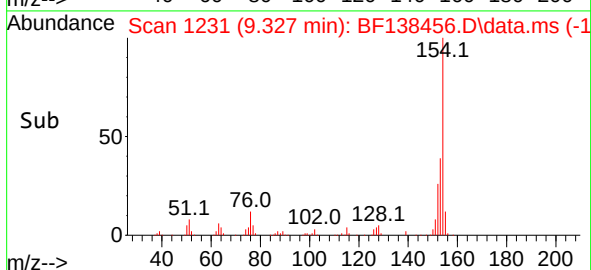
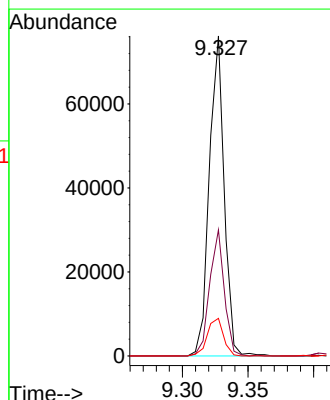
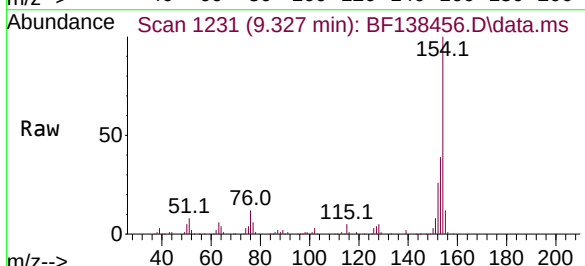
Tgt Ion:154 Resp: 60246

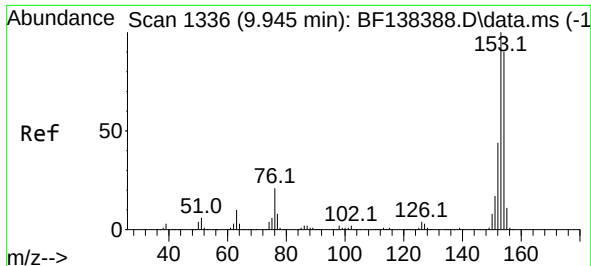
Ion Ratio Lower Upper

154 100

153 39.4 20.5 60.5

76 11.8 0.0 34.4

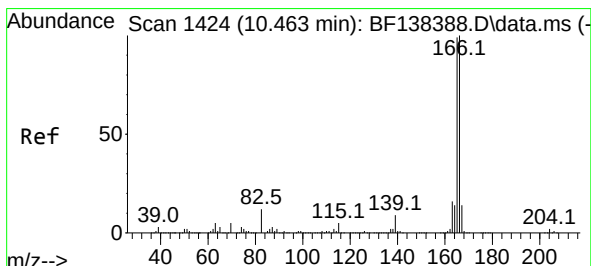
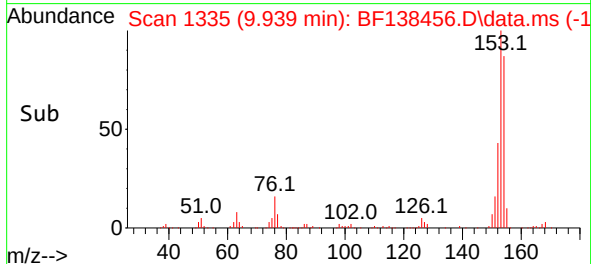
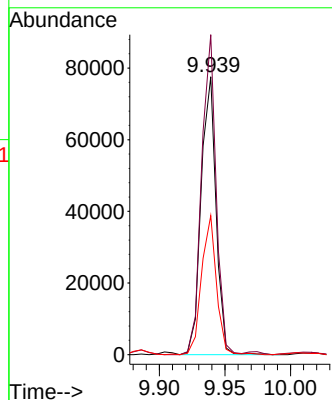
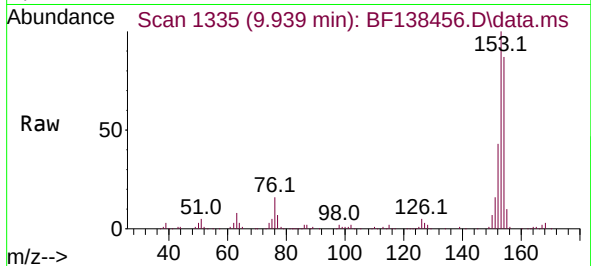




#52
Acenaphthene
Concen: 7.067 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138456.D
Acq: 03 Jul 2024 20:07

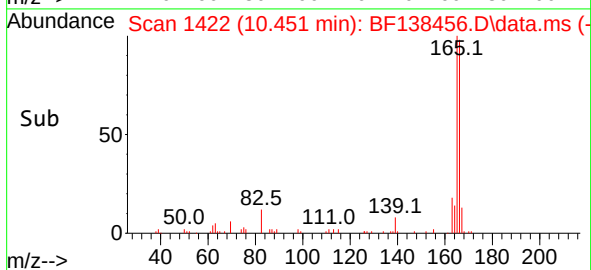
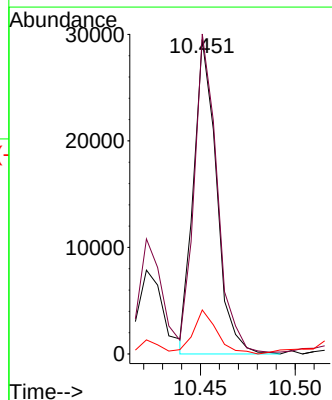
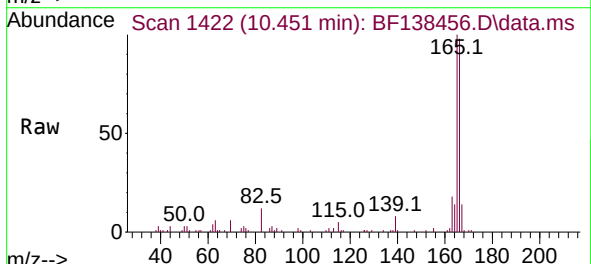
Instrument :
BNA_F
ClientSampleId :
MW12-20240625DL2

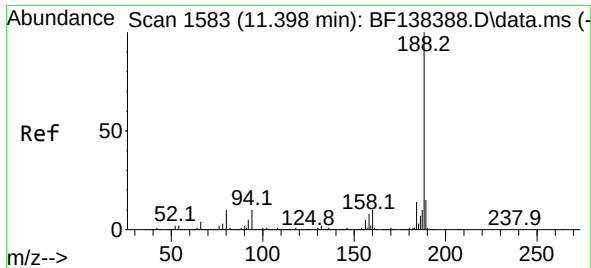
Tgt Ion:154 Resp: 61596
Ion Ratio Lower Upper
154 100
153 115.1 89.4 134.0
152 50.0 39.7 59.5



#58
Fluorene
Concen: 2.615 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF138456.D
Acq: 03 Jul 2024 20:07

Tgt Ion:166 Resp: 24954
Ion Ratio Lower Upper
166 100
165 101.8 79.0 118.6
167 14.0 10.8 16.2

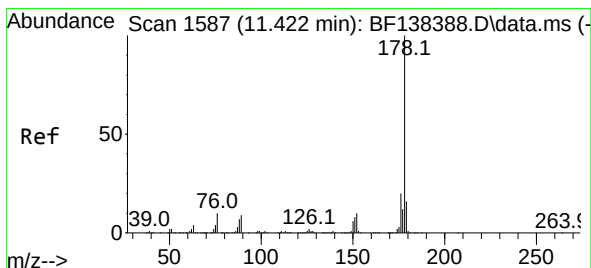
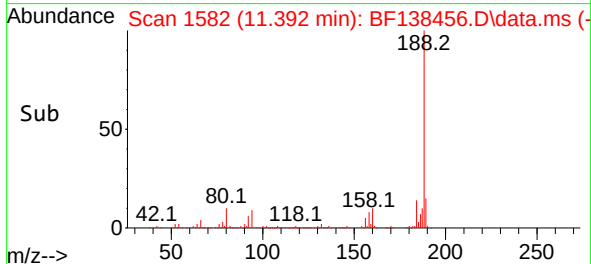
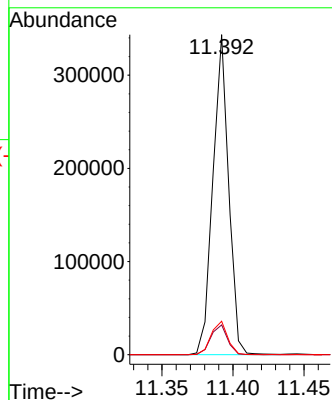
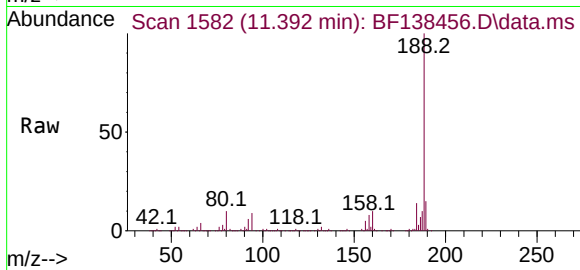




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138456.D
Acq: 03 Jul 2024 20:07

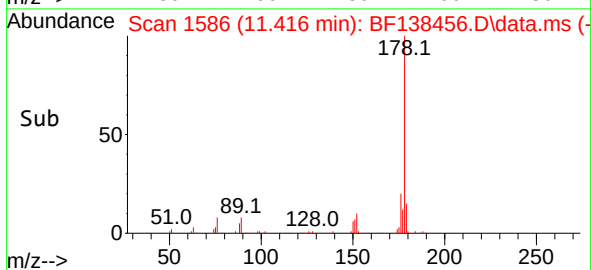
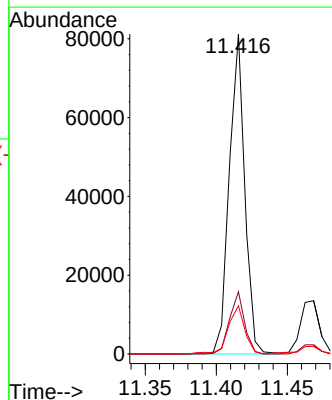
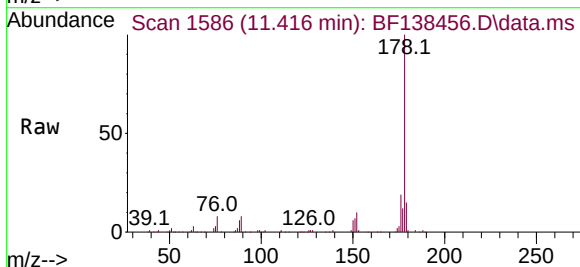
Instrument :
BNA_F
ClientSampleId :
MW12-20240625DL2

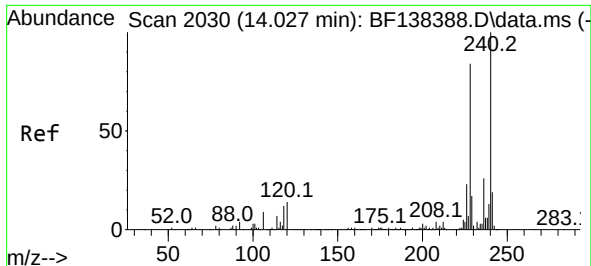
Tgt Ion:188 Resp: 264250
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 10.4 8.2 12.4



#71
Phenanthrene
Concen: 4.772 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF138456.D
Acq: 03 Jul 2024 20:07

Tgt Ion:178 Resp: 61574
Ion Ratio Lower Upper
178 100
176 19.5 16.1 24.1
179 15.0 12.6 18.8

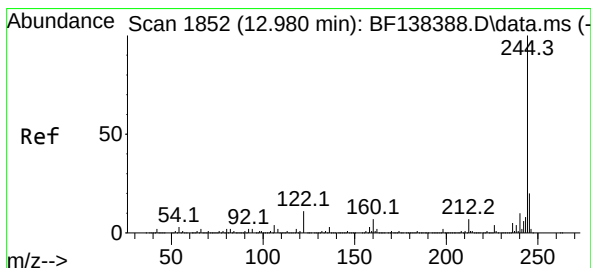
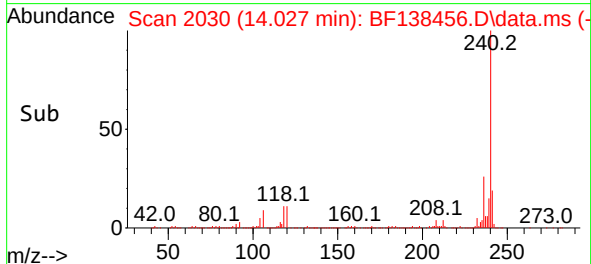
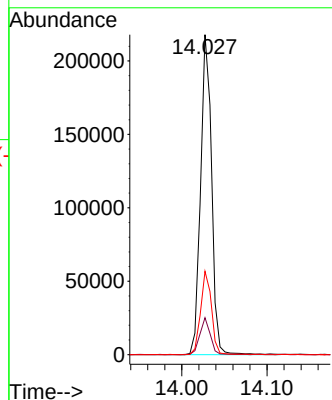
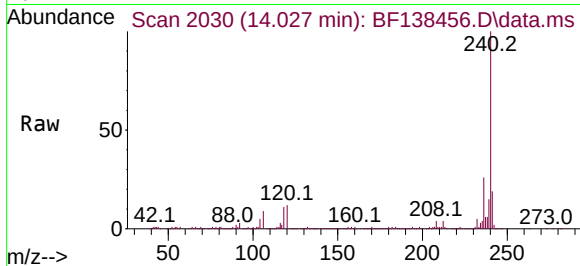




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF138456.D
Acq: 03 Jul 2024 20:07

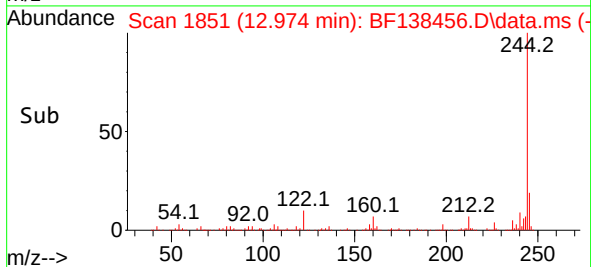
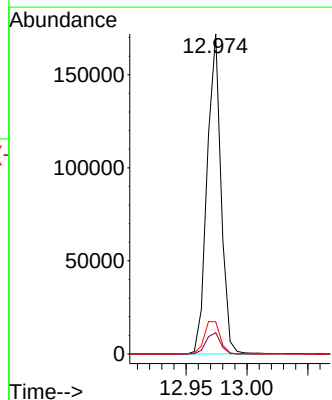
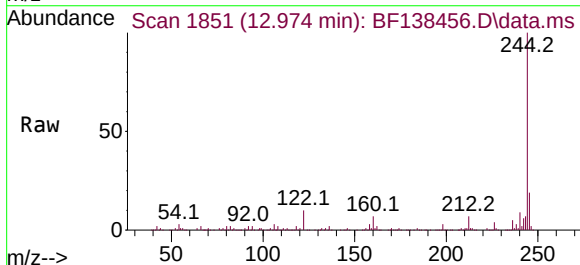
Instrument :
BNA_F
ClientSampleId :
MW12-20240625DL2

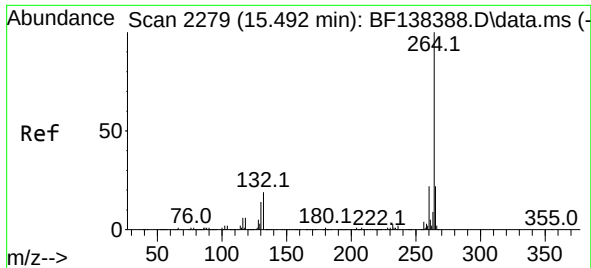
Tgt Ion:240 Resp: 195711
Ion Ratio Lower Upper
240 100
120 11.5 10.9 16.3
236 26.0 20.6 30.8



#79
Terphenyl-d14
Concen: 9.532 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF138456.D
Acq: 03 Jul 2024 20:07

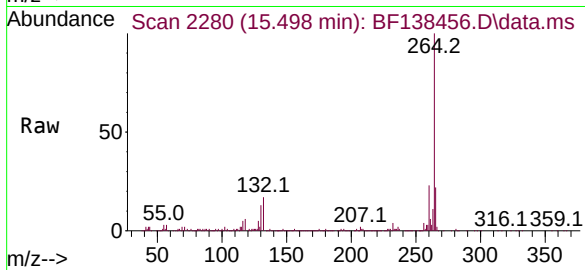
Tgt Ion:244 Resp: 136126
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.1 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138456.D
Acq: 03 Jul 2024 20:07

Instrument :
BNA_F
ClientSampleId :
MW12-20240625DL2



Tgt Ion:264 Resp: 140163
Ion Ratio Lower Upper
264 100
260 23.4 17.8 26.6
265 21.9 17.5 26.3

