

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138112.D
 Acq On : 03 Jun 2024 17:56
 Operator : CG\JU
 Sample : P2660-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Jun 03 18:47:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 01 01:21:05 2024
 Response via : Initial Calibration

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

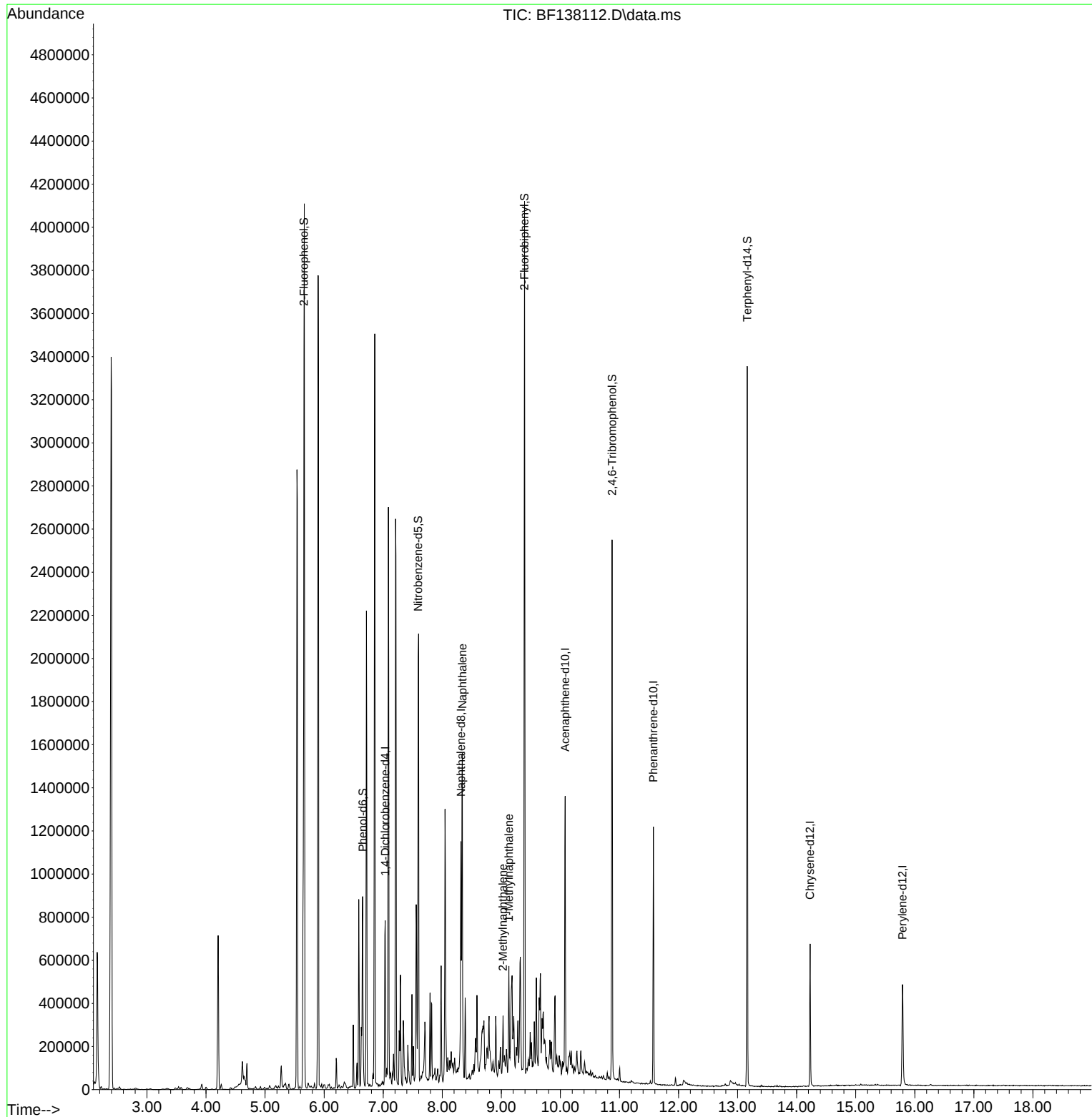
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	118722	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	442100	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	258975	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	412893	20.000	ng	0.00
76) Chrysene-d12	14.227	240	217327	20.000	ng	-0.01
86) Perylene-d12	15.792	264	250754	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	380435	57.283	ng	0.00
7) Phenol-d6	6.651	99	334416	39.103	ng	-0.01
23) Nitrobenzene-d5	7.592	82	569229	75.027	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	331351	109.690	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1244692	71.243	ng	0.00
79) Terphenyl-d14	13.163	244	1141159	75.954	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.339	128	670606	29.481	ng	100
37) 2-Methylnaphthalene	9.028	142	36264	2.423	ng	94
38) 1-Methylnaphthalene	9.128	142	76638	5.262	ng	100

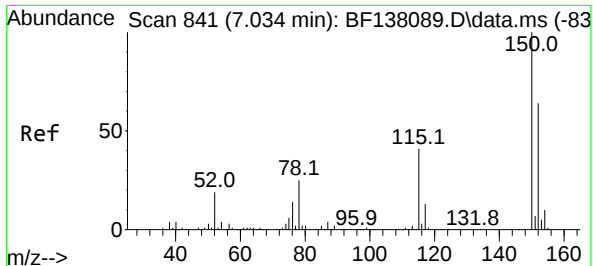
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
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Quant Time: Jun 03 18:47:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 01 01:21:05 2024
Response via : Initial Calibration

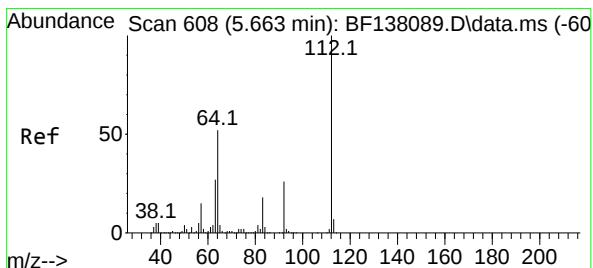
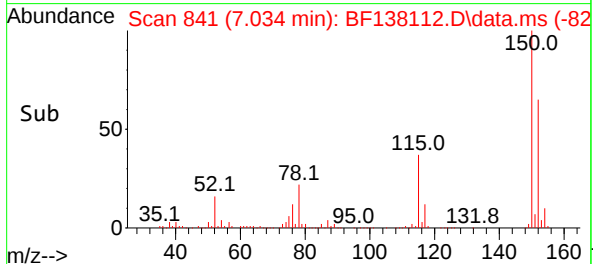
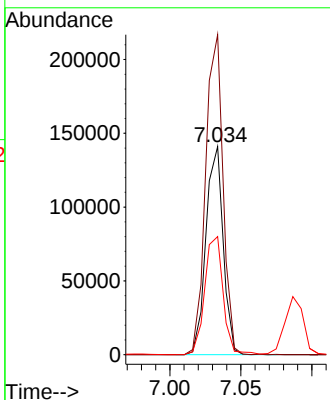
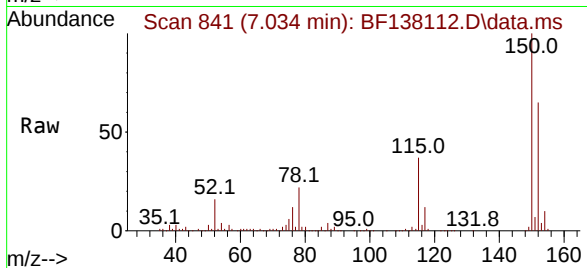




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138112.D
Acq: 03 Jun 2024 17:56

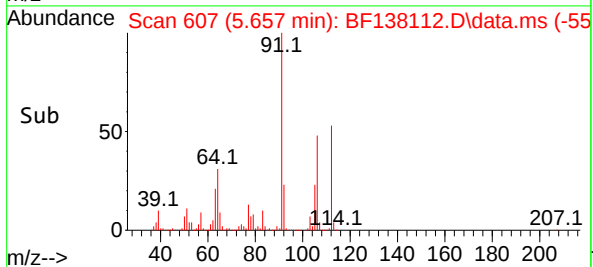
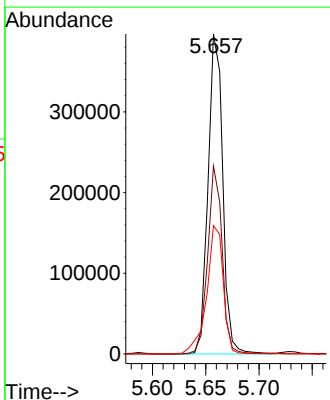
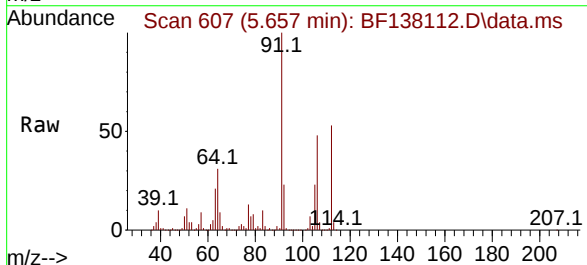
Instrument :
BNA_F
ClientSampleId :
MW-12

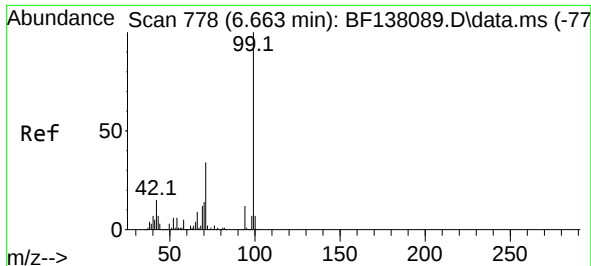
Tgt Ion:152 Resp: 118722
Ion Ratio Lower Upper
152 100
150 153.7 125.4 188.0
115 56.8 51.6 77.4



#5
2-Fluorophenol
Concen: 57.283 ng
RT: 5.657 min Scan# 607
Delta R.T. -0.006 min
Lab File: BF138112.D
Acq: 03 Jun 2024 17:56

Tgt Ion:112 Resp: 380435
Ion Ratio Lower Upper
112 100
64 58.7 41.4 62.2
63 40.1 21.5 32.3#

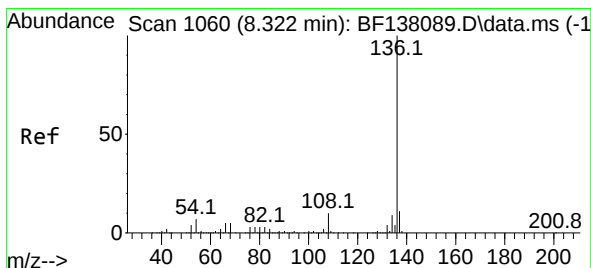
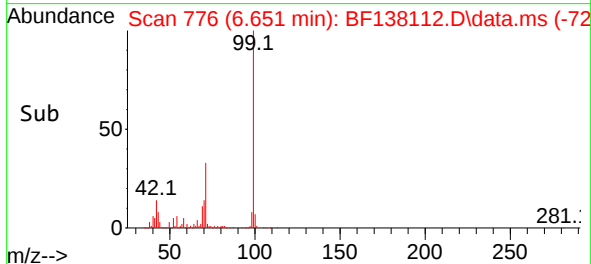
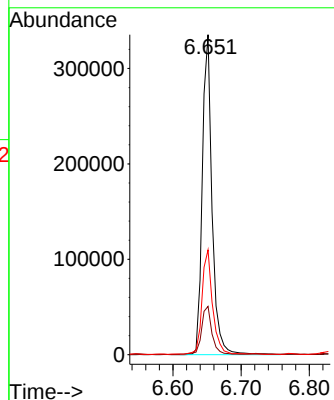
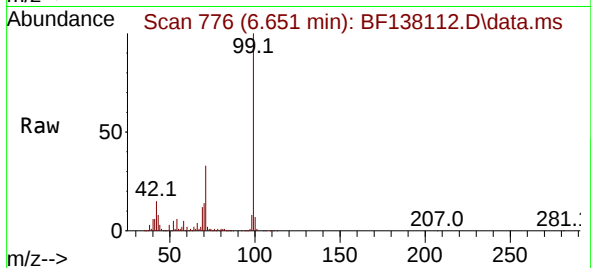




#7
Phenol-d6
Concen: 39.103 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138112.D
Acq: 03 Jun 2024 17:56

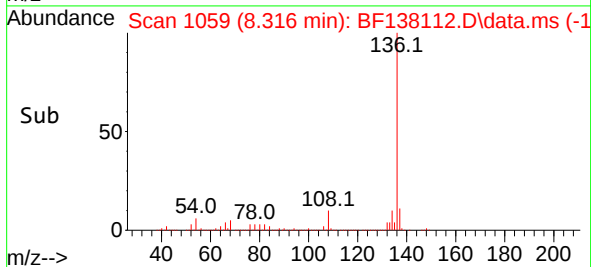
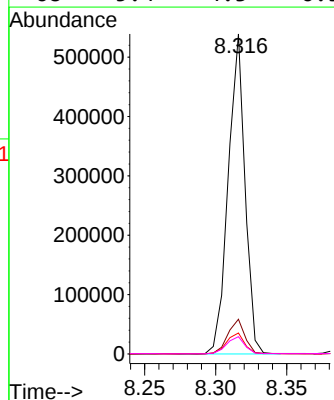
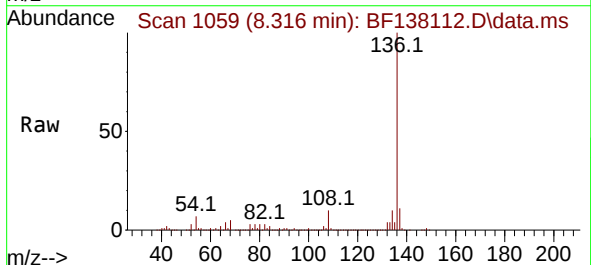
Instrument :
BNA_F
ClientSampleId :
MW-12

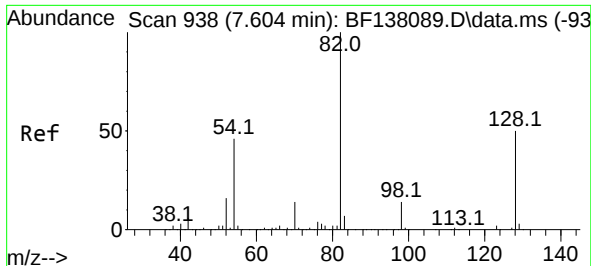
Tgt Ion: 99 Resp: 334416
Ion Ratio Lower Upper
99 100
42 15.1 11.9 17.9
71 32.7 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF138112.D
Acq: 03 Jun 2024 17:56

Tgt Ion: 136 Resp: 442100
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.6 5.4 8.0
68 5.4 4.3 6.5

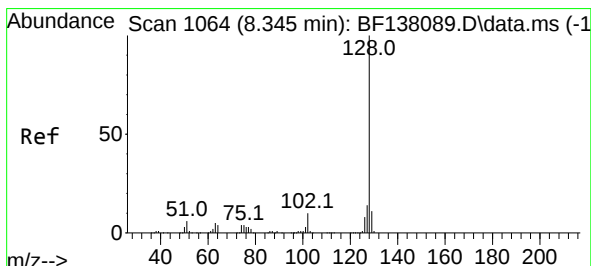
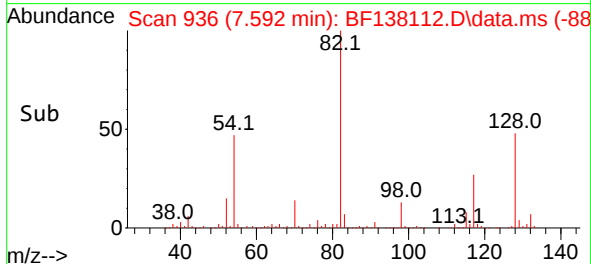
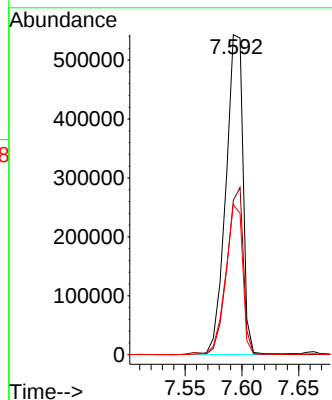
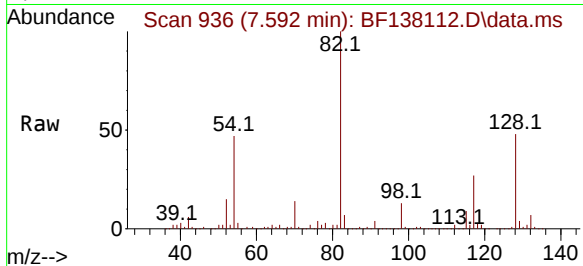




#23
Nitrobenzene-d5
Concen: 75.027 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF138112.D
Acq: 03 Jun 2024 17:56

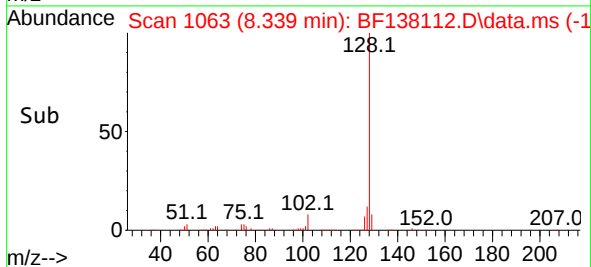
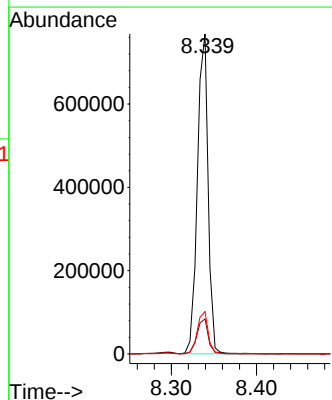
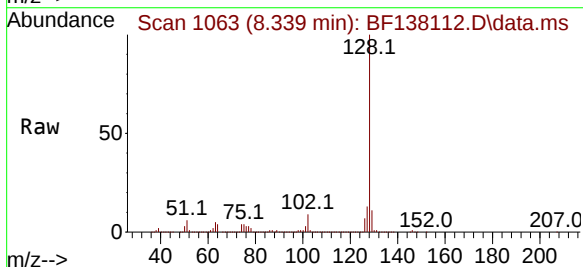
Instrument :
BNA_F
ClientSampleId :
MW-12

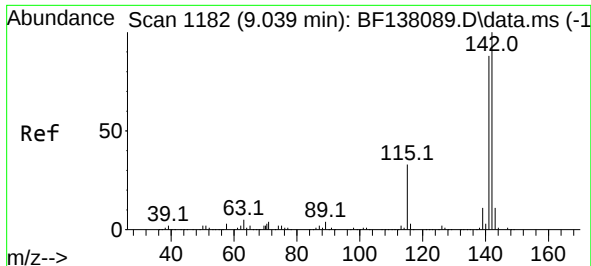
Tgt Ion: 82 Resp: 569229
Ion Ratio Lower Upper
82 100
128 48.2 39.9 59.9
54 46.9 37.0 55.4



#31
Naphthalene
Concen: 29.481 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF138112.D
Acq: 03 Jun 2024 17:56

Tgt Ion: 128 Resp: 670606
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.8 16.2

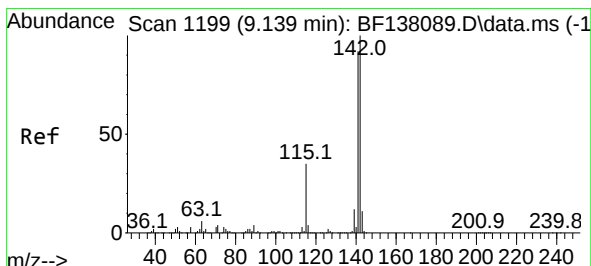
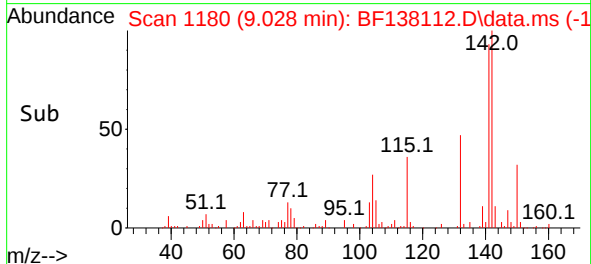
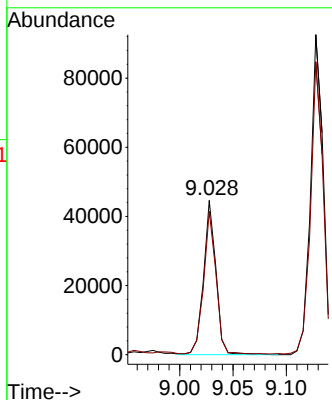
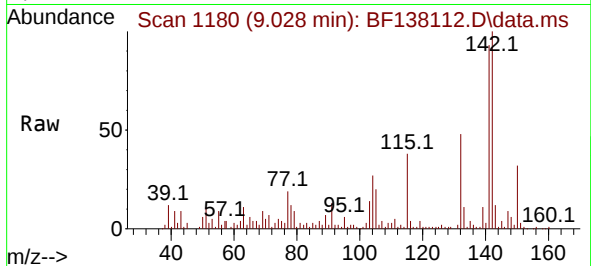




#37
2-Methylnaphthalene
Concen: 2.423 ng
RT: 9.028 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BF138112.D
Acq: 03 Jun 2024 17:56

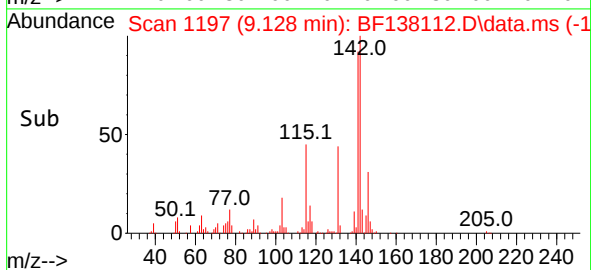
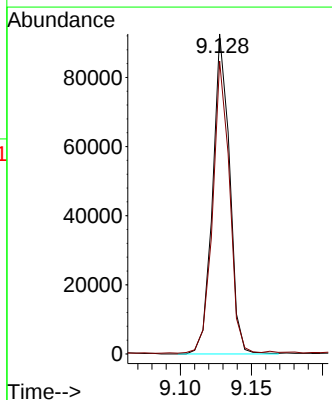
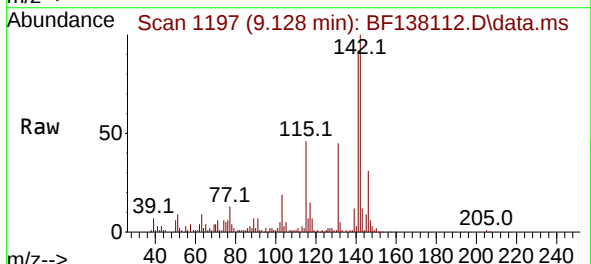
Instrument :
BNA_F
ClientSampleId :
MW-12

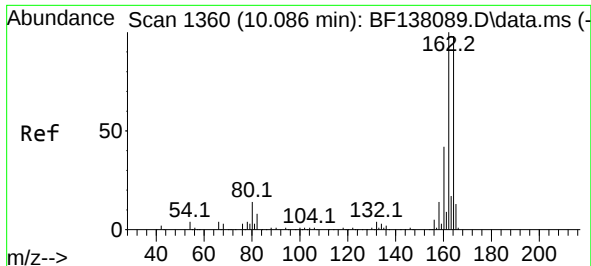
Tgt Ion:142 Resp: 36264
Ion Ratio Lower Upper
142 100
141 93.0 70.2 105.2



#38
1-Methylnaphthalene
Concen: 5.262 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF138112.D
Acq: 03 Jun 2024 17:56

Tgt Ion:142 Resp: 76638
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.081 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138112.D

Acq: 03 Jun 2024 17:56

Instrument :

BNA_F

ClientSampleId :

MW-12

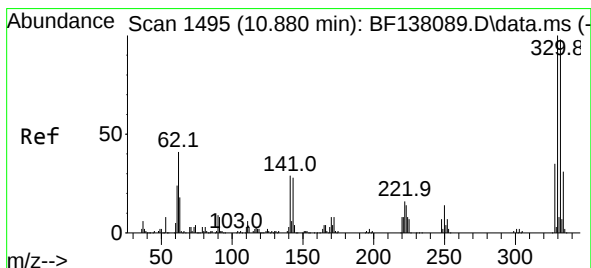
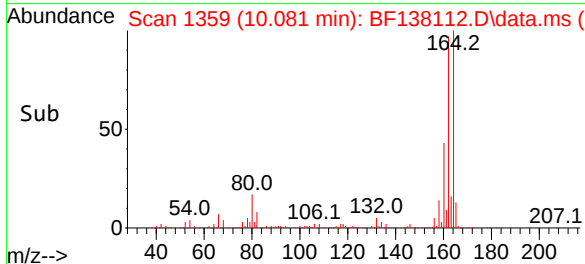
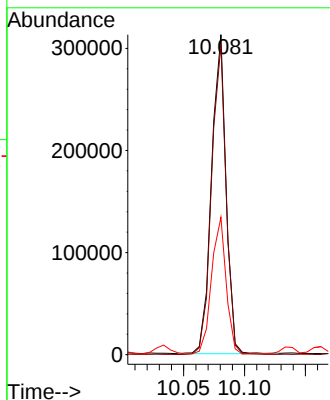
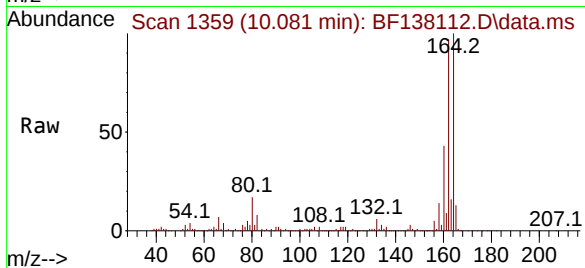
Tgt Ion:164 Resp: 258975

Ion Ratio Lower Upper

164 100

162 96.9 81.7 122.5

160 42.9 34.5 51.7



#42

2,4,6-Tribromophenol

Concen: 109.690 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138112.D

Acq: 03 Jun 2024 17:56

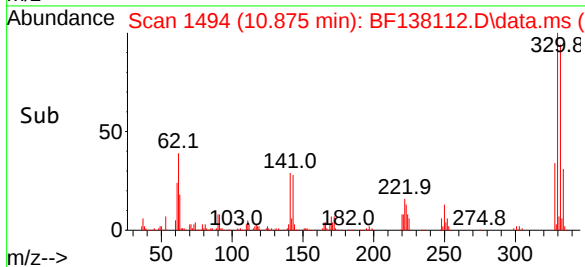
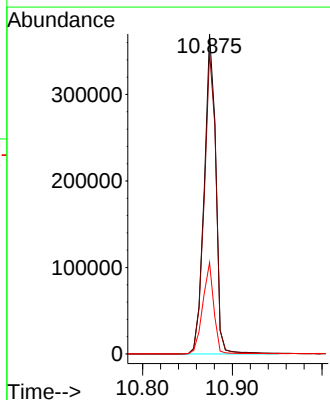
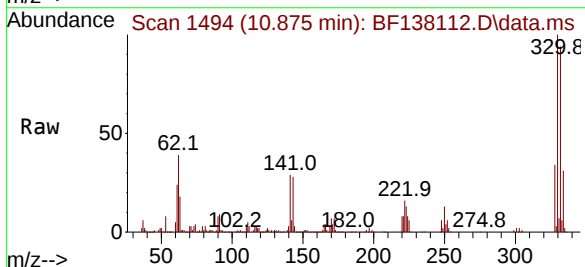
Tgt Ion:330 Resp: 331351

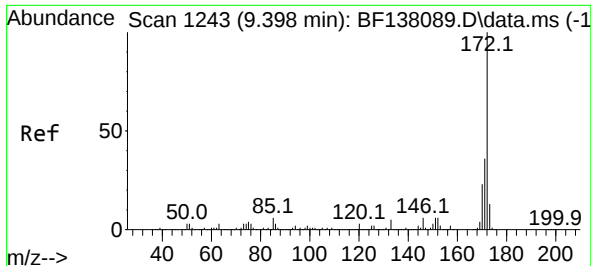
Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

141 27.7 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 71.243 ng

RT: 9.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138112.D

Acq: 03 Jun 2024 17:56

Instrument :

BNA_F

ClientSampleId :

MW-12

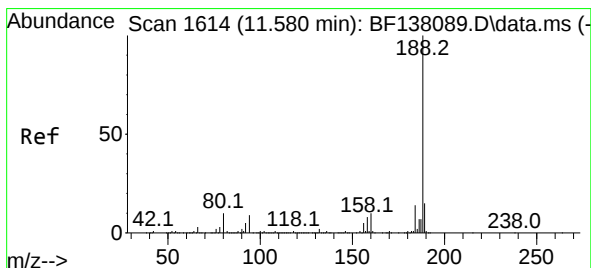
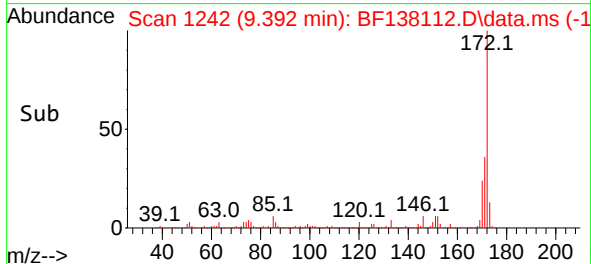
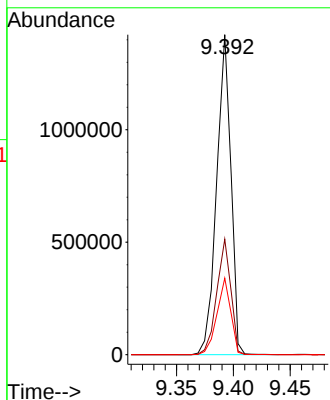
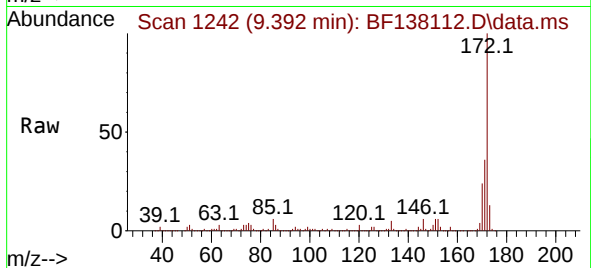
Tgt Ion:172 Resp: 1244692

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

170 23.9 18.6 28.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1613

Delta R.T. -0.006 min

Lab File: BF138112.D

Acq: 03 Jun 2024 17:56

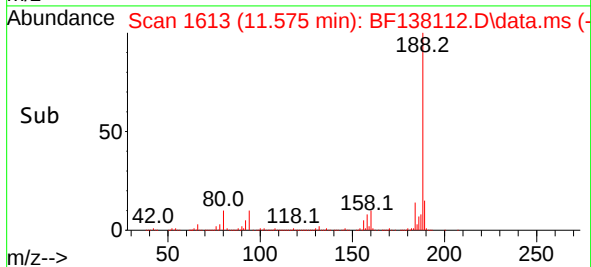
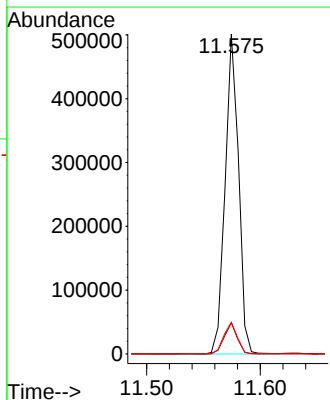
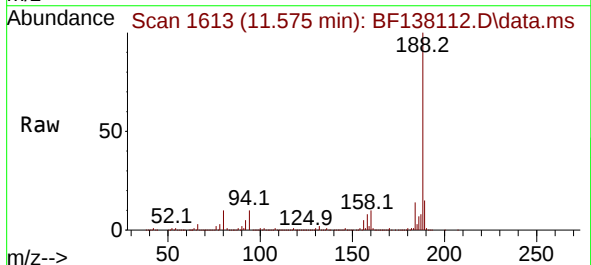
Tgt Ion:188 Resp: 412893

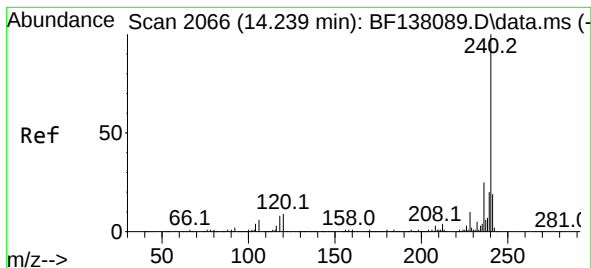
Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.0

80 9.9 7.8 11.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2064

Delta R.T. -0.012 min

Lab File: BF138112.D

Acq: 03 Jun 2024 17:56

Instrument :

BNA_F

ClientSampleId :

MW-12

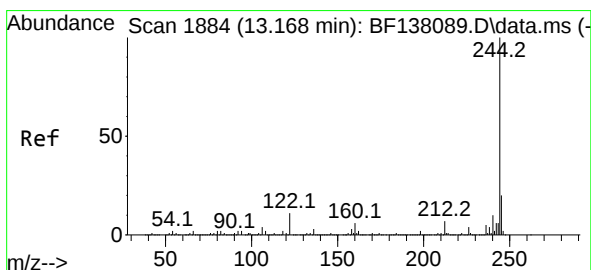
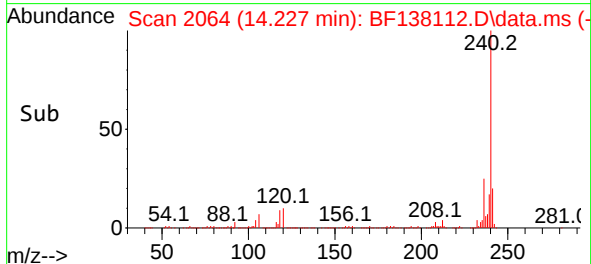
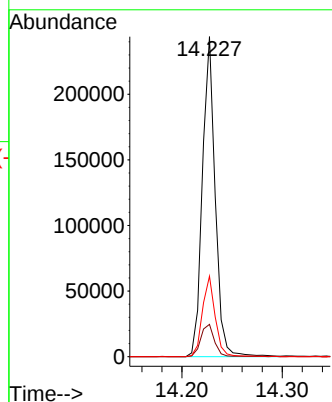
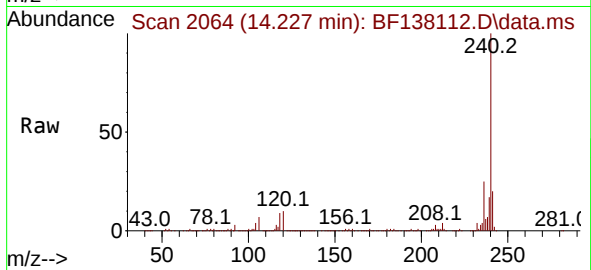
Tgt Ion:240 Resp: 217327

Ion Ratio Lower Upper

240 100

120 10.1 7.1 10.7

236 25.2 20.4 30.6



#79

Terphenyl-d14

Concen: 75.954 ng

RT: 13.163 min Scan# 1883

Delta R.T. -0.006 min

Lab File: BF138112.D

Acq: 03 Jun 2024 17:56

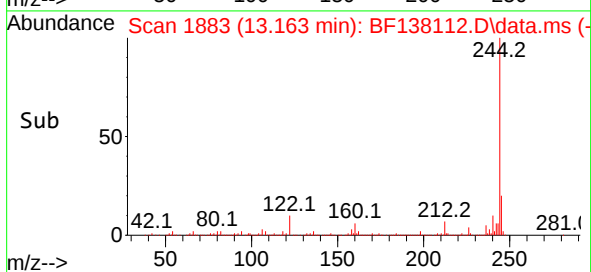
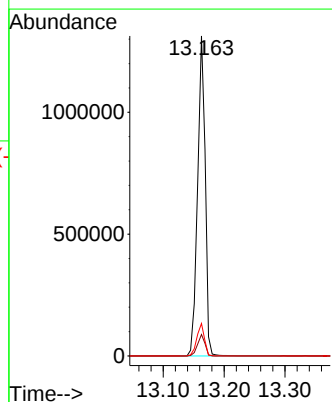
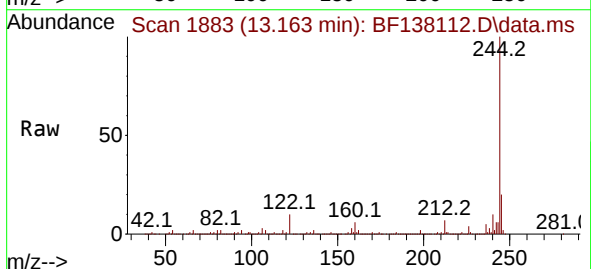
Tgt Ion:244 Resp: 1141159

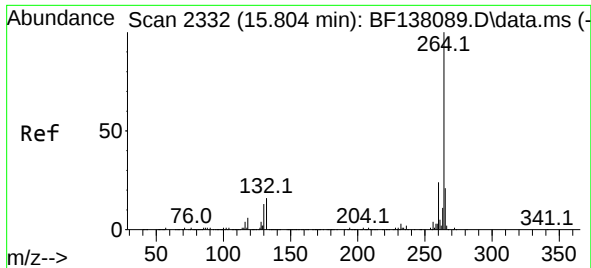
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

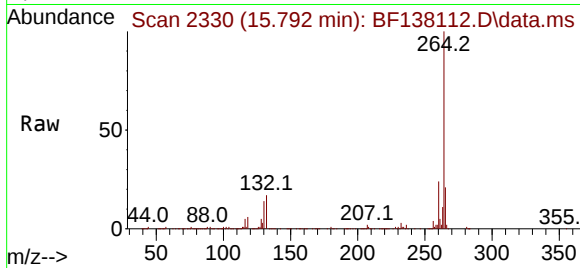
122 10.2 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.792 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF138112.D
 Acq: 03 Jun 2024 17:56

Instrument :
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 ClientSampleId :
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Tgt Ion:264 Resp: 250754
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 21.4 16.7 25.1

