

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138109.D
 Acq On : 03 Jun 2024 16:26
 Operator : CG\JU
 Sample : P2660-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Jun 03 16:54:18 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	7.028	152	125743	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	478403	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	269706	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	443629	20.000	ng	0.00
76) Chrysene-d12	14.227	240	230769	20.000	ng	-0.01
86) Perylene-d12	15.798	264	253934	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	350624	49.847	ng	0.00
7) Phenol-d6	6.646	99	260356	28.743	ng	-0.02
23) Nitrobenzene-d5	7.598	82	632904	77.089	ng	0.00
42) 2,4,6-Tribromophenol	10.875	330	321080	102.061	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1399205	76.901	ng	0.00
79) Terphenyl-d14	13.169	244	1290555	80.894	ng	0.00

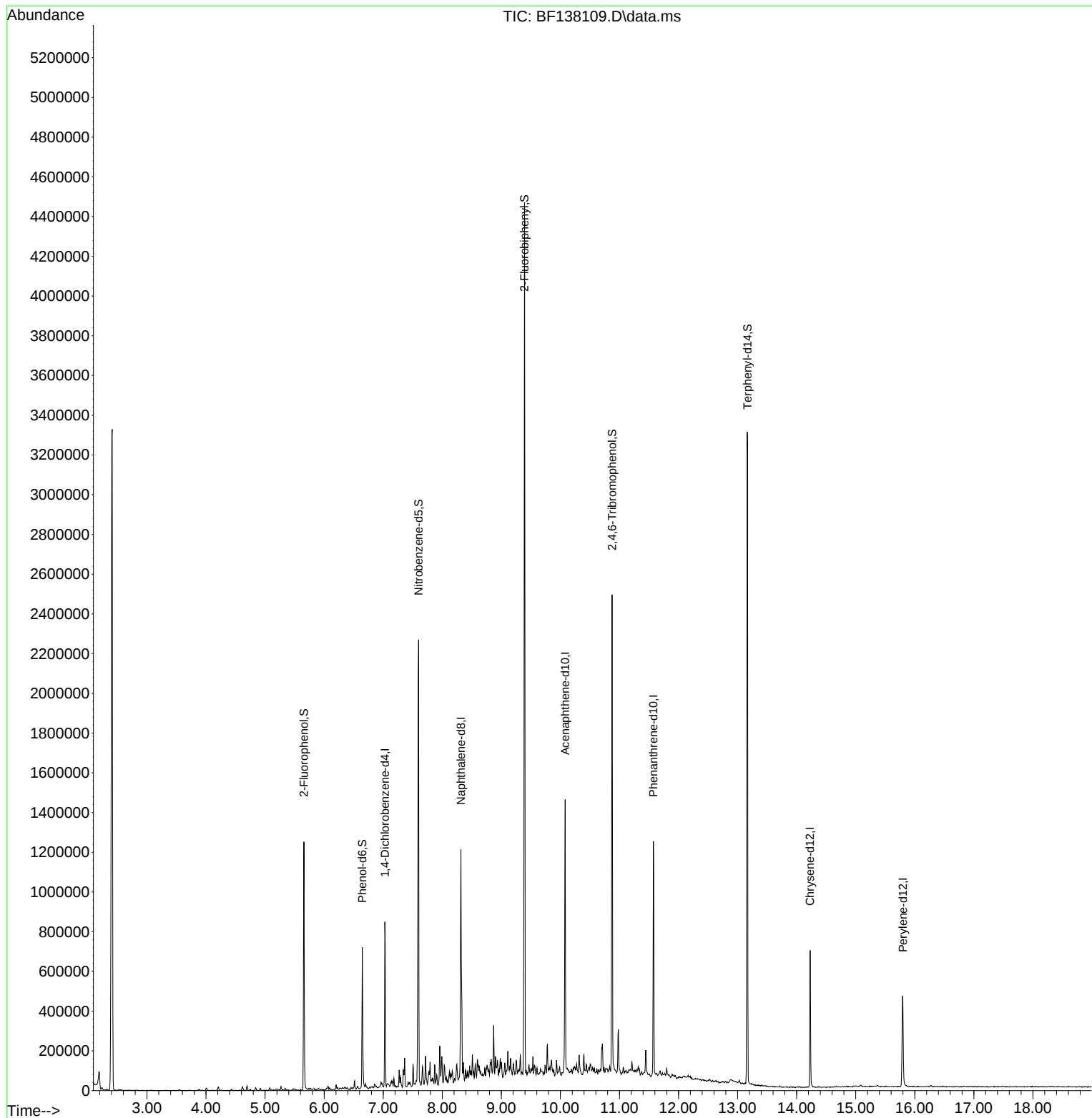
Target Compounds	Qvalue

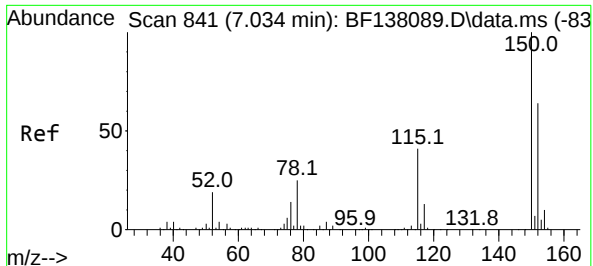
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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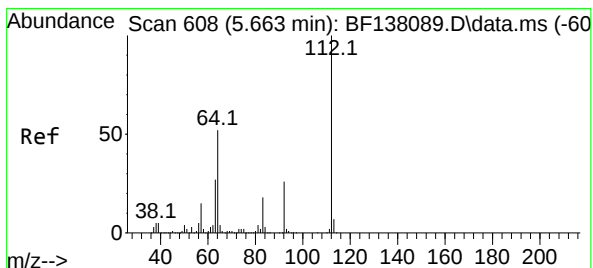
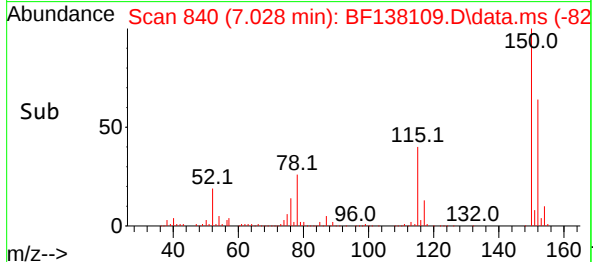
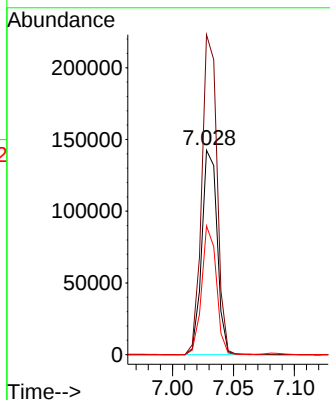
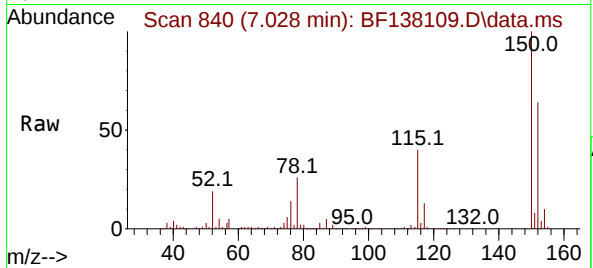




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.028 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: BF138109.D
 Acq: 03 Jun 2024 16:26

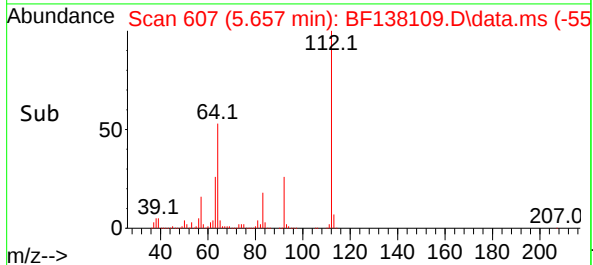
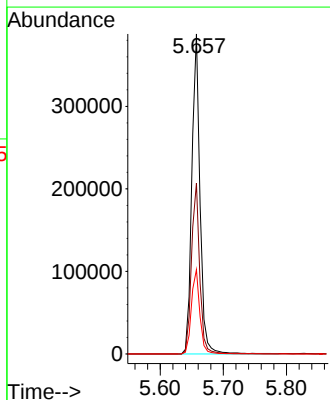
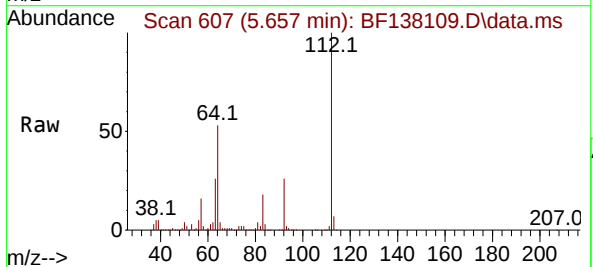
Instrument :
 BNA_F
 ClientSampleId :
 MW-10

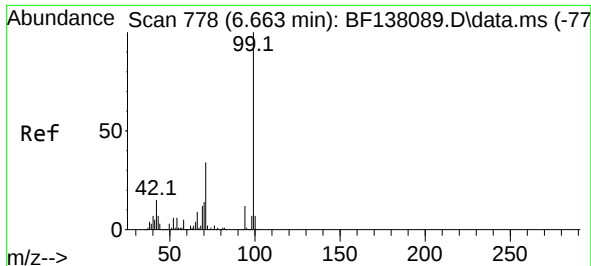
Tgt Ion:152 Resp: 125743
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.4 188.0
 115 63.0 51.6 77.4



#5
 2-Fluorophenol
 Concen: 49.847 ng
 RT: 5.657 min Scan# 607
 Delta R.T. -0.006 min
 Lab File: BF138109.D
 Acq: 03 Jun 2024 16:26

Tgt Ion:112 Resp: 350624
 Ion Ratio Lower Upper
 112 100
 64 53.4 41.4 62.2
 63 26.4 21.5 32.3





#7

Phenol-d6

Concen: 28.743 ng

RT: 6.646 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF138109.D

Acq: 03 Jun 2024 16:26

Instrument :

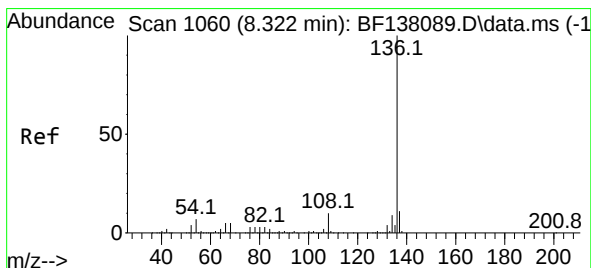
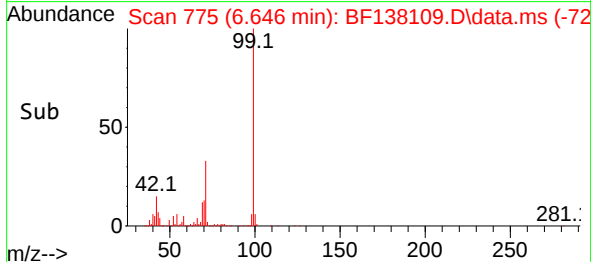
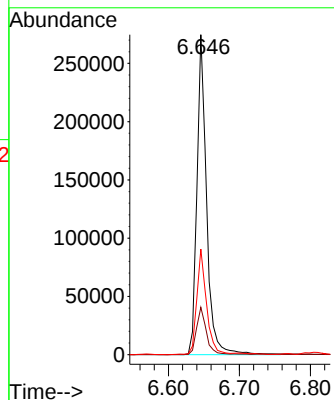
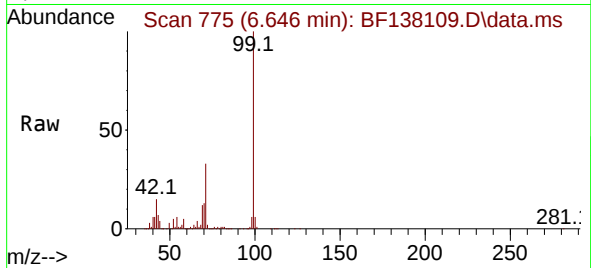
BNA_F

ClientSampleId :

MW-10

Tgt Ion: 99 Resp: 260356

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.9	17.9
71	33.0	26.8	40.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.316 min Scan# 1059

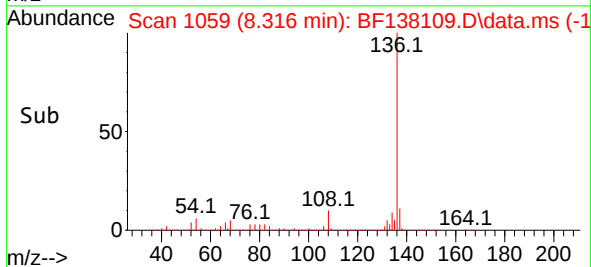
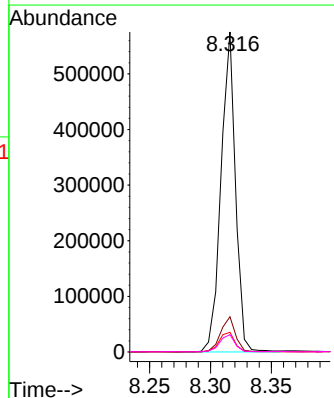
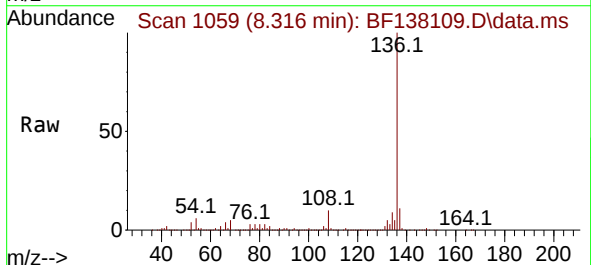
Delta R.T. -0.006 min

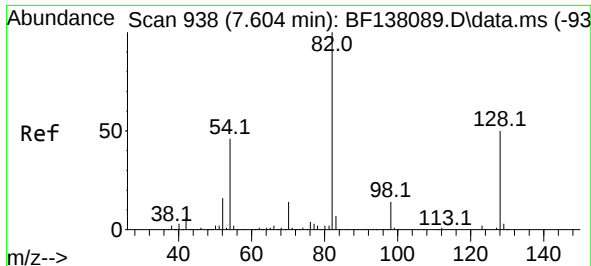
Lab File: BF138109.D

Acq: 03 Jun 2024 16:26

Tgt Ion: 136 Resp: 478403

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.2	5.4	8.0
68	5.4	4.3	6.5





#23

Nitrobenzene-d5

Concen: 77.089 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138109.D

Acq: 03 Jun 2024 16:26

Instrument :

BNA_F

ClientSampleId :

MW-10

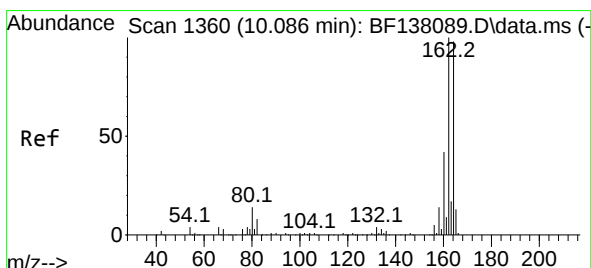
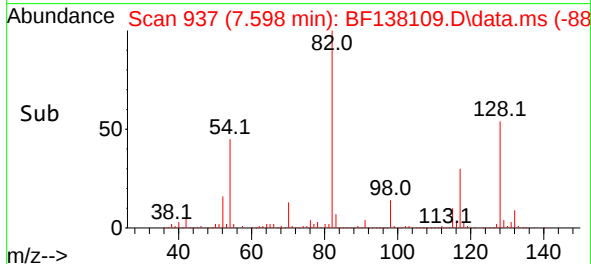
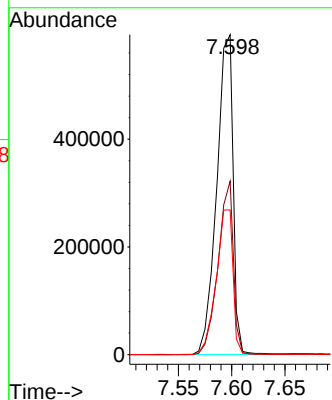
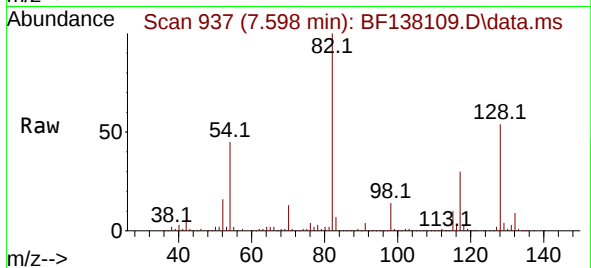
Tgt Ion: 82 Resp: 632904

Ion Ratio Lower Upper

82 100

128 54.2 39.9 59.9

54 45.2 37.0 55.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.081 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF138109.D

Acq: 03 Jun 2024 16:26

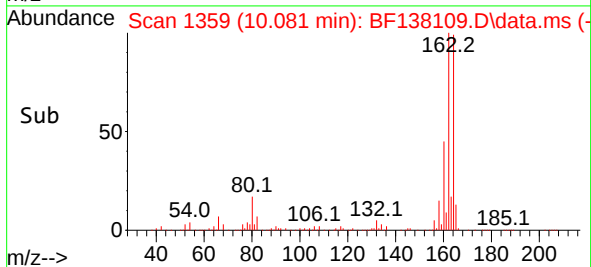
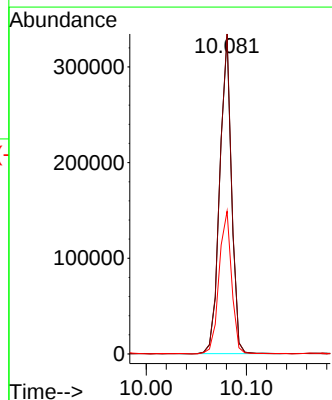
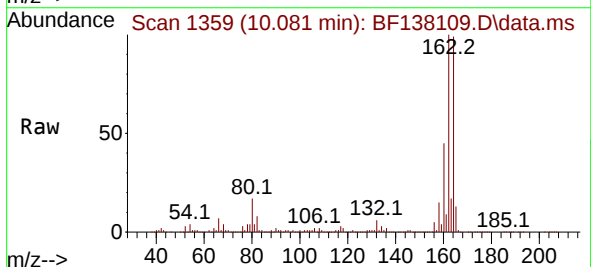
Tgt Ion:164 Resp: 269706

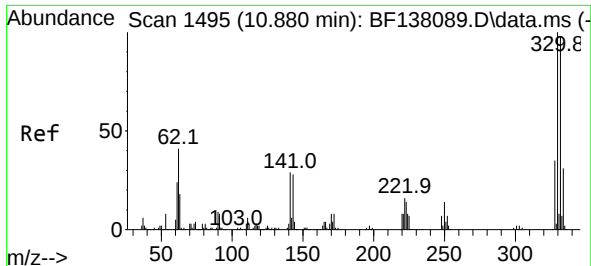
Ion Ratio Lower Upper

164 100

162 101.1 81.7 122.5

160 45.1 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 102.061 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138109.D

Acq: 03 Jun 2024 16:26

Instrument :

BNA_F

ClientSampleId :

MW-10

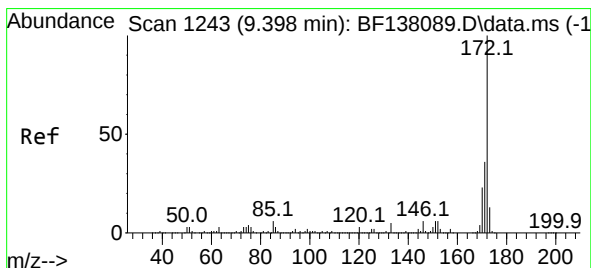
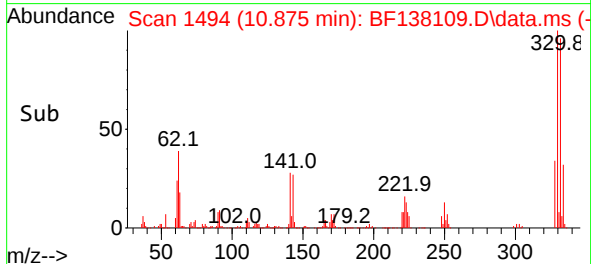
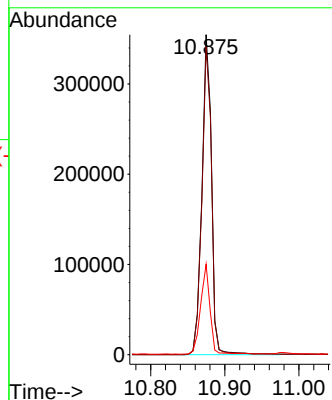
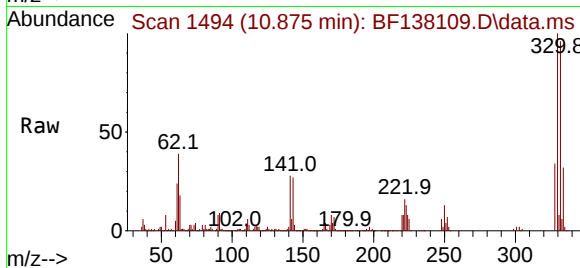
Tgt Ion:330 Resp: 321080

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 27.4 21.4 32.0



#45

2-Fluorobiphenyl

Concen: 76.901 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138109.D

Acq: 03 Jun 2024 16:26

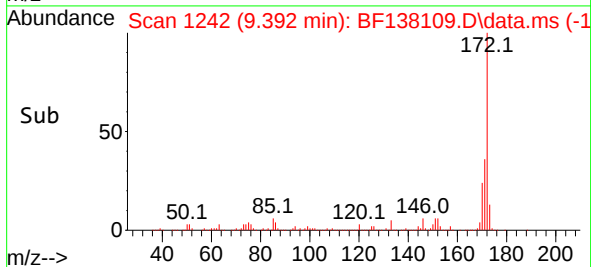
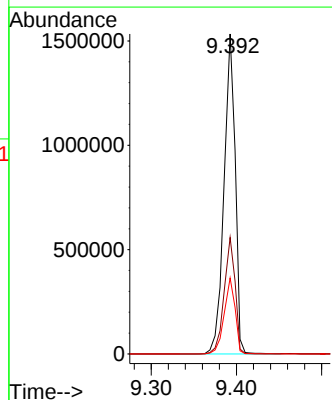
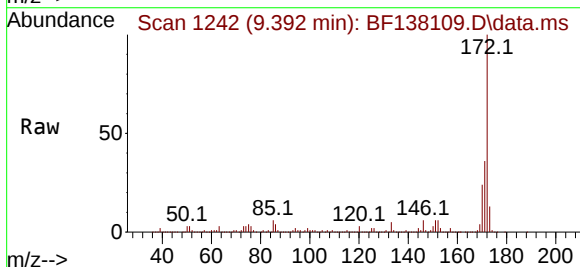
Tgt Ion:172 Resp: 1399205

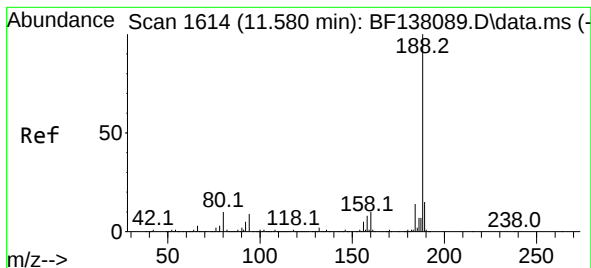
Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

170 23.7 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138109.D

Acq: 03 Jun 2024 16:26

Instrument :

BNA_F

ClientSampleId :

MW-10

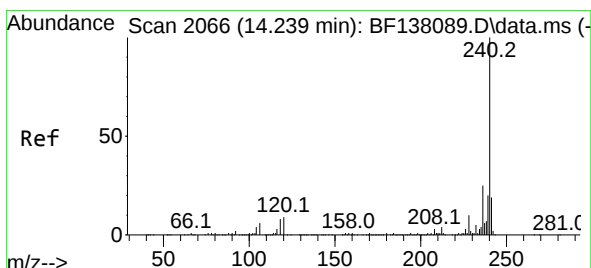
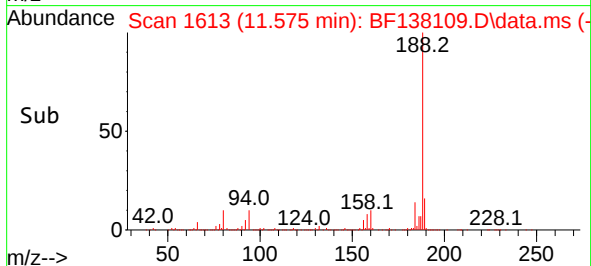
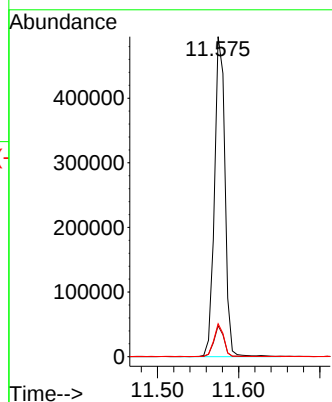
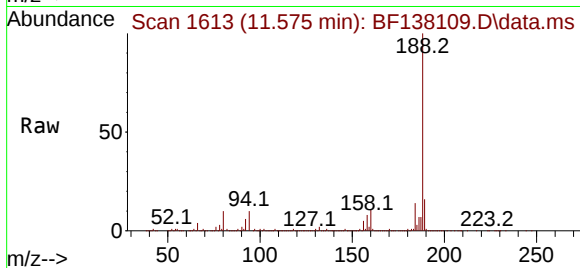
Tgt Ion:188 Resp: 443629

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.0

80 10.3 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: BF138109.D

Acq: 03 Jun 2024 16:26

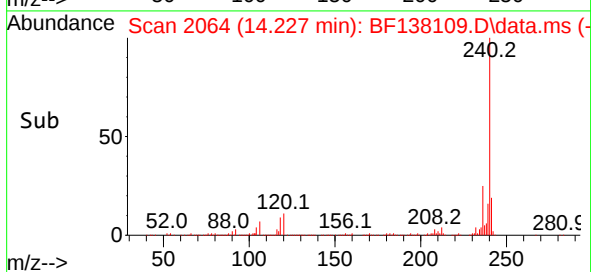
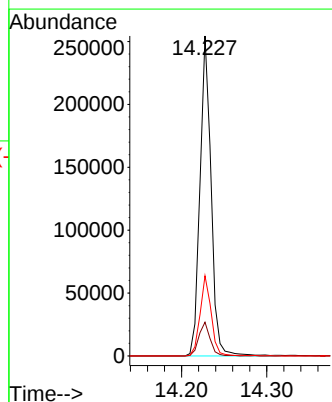
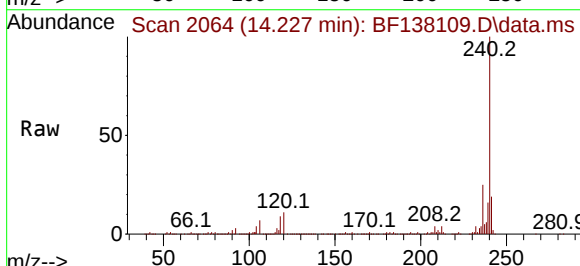
Tgt Ion:240 Resp: 230769

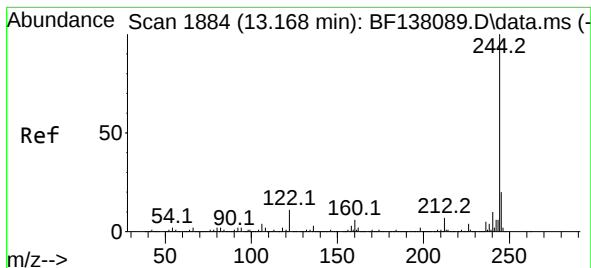
Ion Ratio Lower Upper

240 100

120 10.5 7.1 10.7

236 25.0 20.4 30.6





#79

Terphenyl-d14

Concen: 80.894 ng

RT: 13.169 min Scan# 1884

Delta R.T. 0.000 min

Lab File: BF138109.D

Acq: 03 Jun 2024 16:26

Instrument :

BNA_F

ClientSampleId :

MW-10

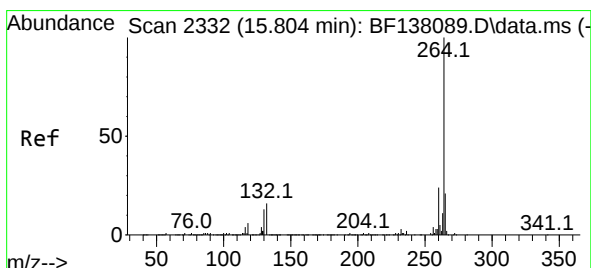
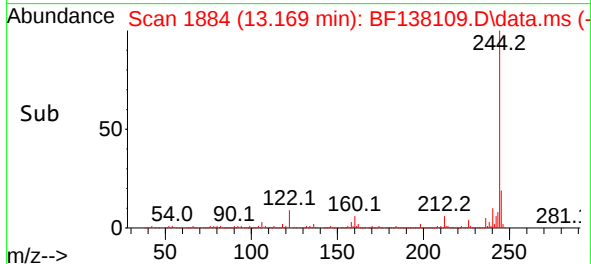
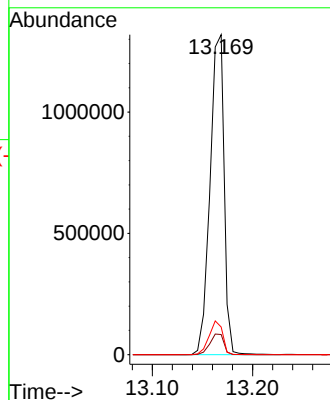
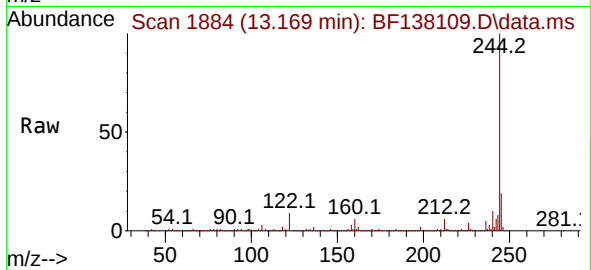
Tgt Ion:244 Resp: 1290555

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

122 8.7 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.798 min Scan# 2331

Delta R.T. -0.006 min

Lab File: BF138109.D

Acq: 03 Jun 2024 16:26

Tgt Ion:264 Resp: 253934

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

265 21.4 16.7 25.1

