

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138111.D
 Acq On : 03 Jun 2024 17:26
 Operator : CG\JU
 Sample : P2660-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Jun 03 18:46:39 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)

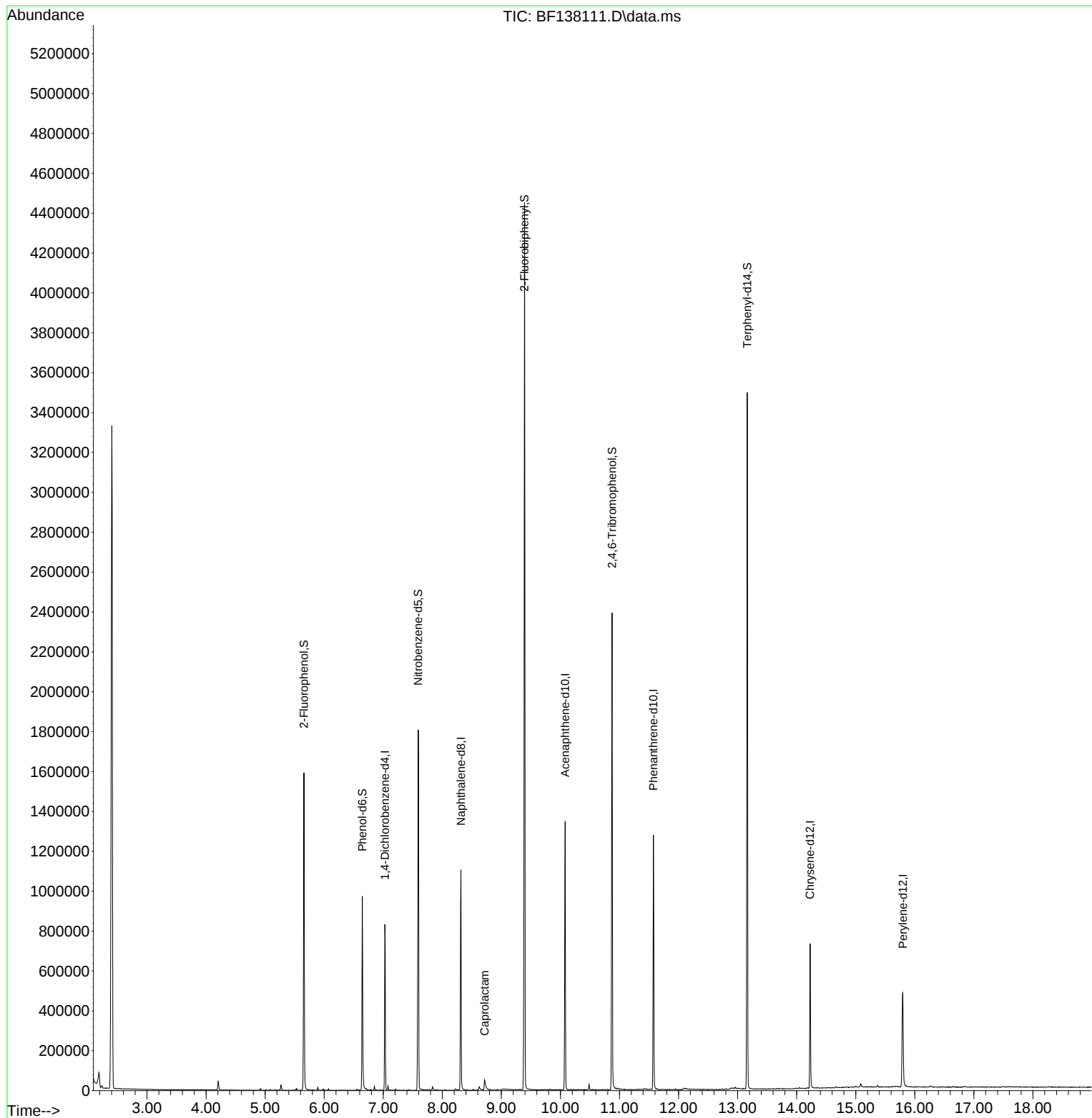
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.028	152	129650	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	497048	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	283668	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	471901	20.000	ng	0.00
76) Chrysene-d12	14.227	240	236400	20.000	ng	-0.01
86) Perylene-d12	15.798	264	266651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	440677	60.761	ng	0.00
7) Phenol-d6	6.645	99	348288	37.292	ng	-0.02
23) Nitrobenzene-d5	7.592	82	639461	74.966	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	313361	94.704	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1393674	72.827	ng	0.00
79) Terphenyl-d14	13.163	244	1235396	75.592	ng	0.00
Target Compounds						
35) Caprolactam	8.716	113	10859	4.928	ng	Qvalue 95

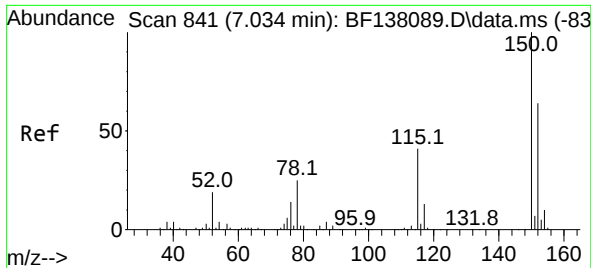
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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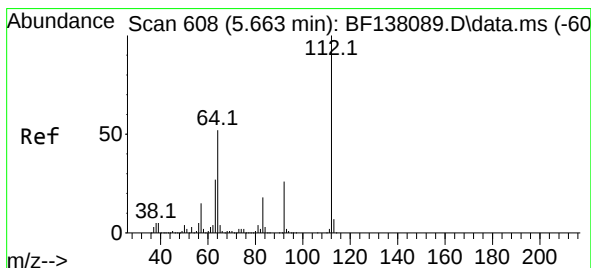
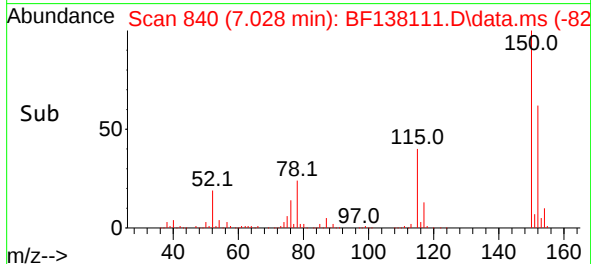
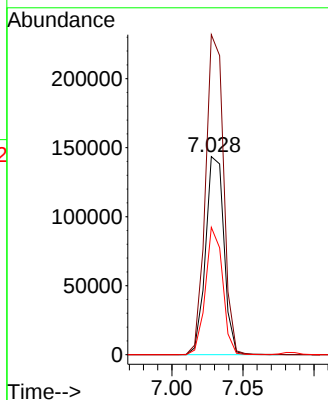
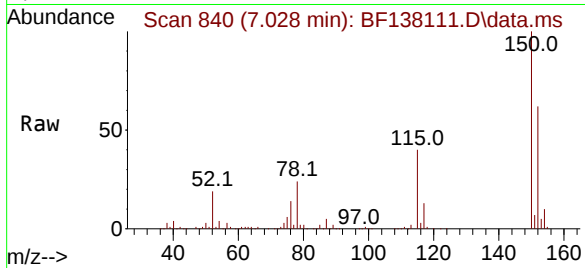




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.028 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138111.D
Acq: 03 Jun 2024 17:26

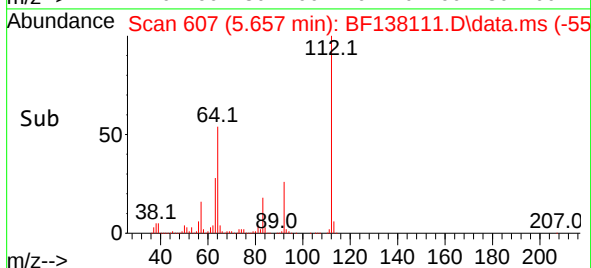
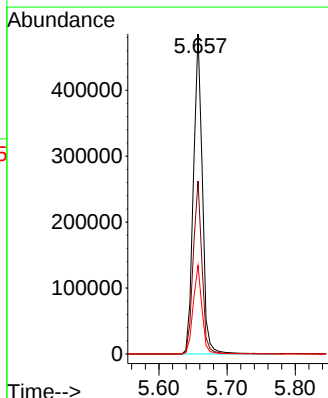
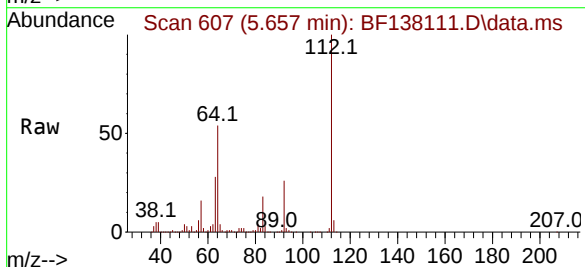
Instrument :
BNA_F
ClientSampleId :
MW-13

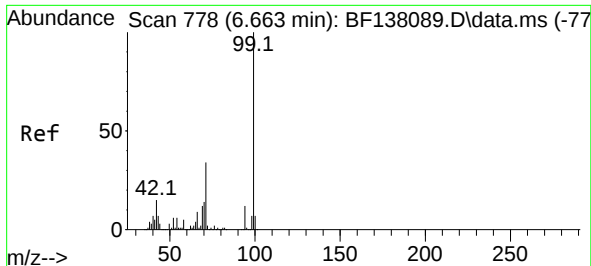
Tgt Ion:152 Resp: 129650
Ion Ratio Lower Upper
152 100
150 161.6 125.4 188.0
115 64.3 51.6 77.4



#5
2-Fluorophenol
Concen: 60.761 ng
RT: 5.657 min Scan# 607
Delta R.T. -0.006 min
Lab File: BF138111.D
Acq: 03 Jun 2024 17:26

Tgt Ion:112 Resp: 440677
Ion Ratio Lower Upper
112 100
64 54.0 41.4 62.2
63 27.6 21.5 32.3





#7
Phenol-d6
Concen: 37.292 ng
RT: 6.645 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138111.D
Acq: 03 Jun 2024 17:26

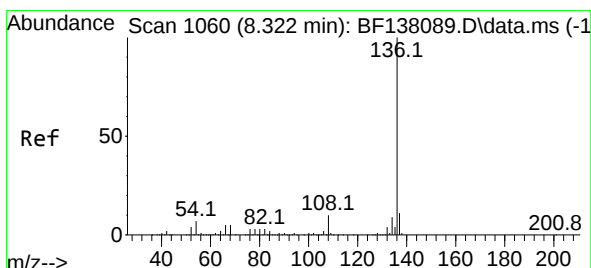
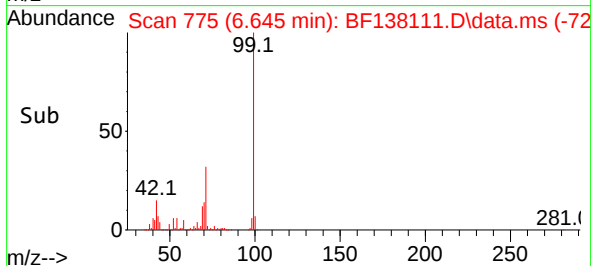
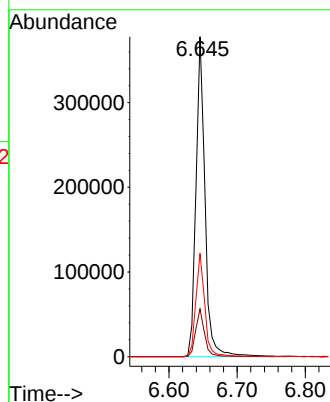
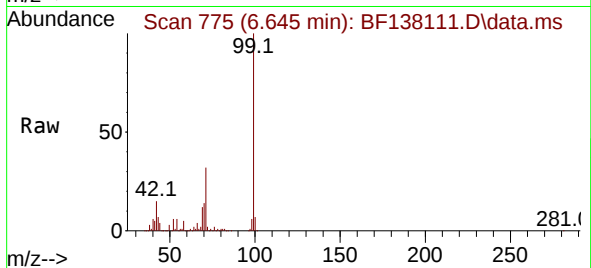
Instrument :

BNA_F

ClientSampleId :

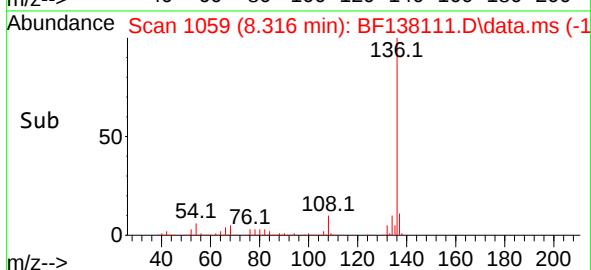
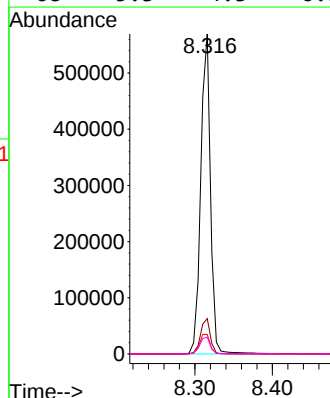
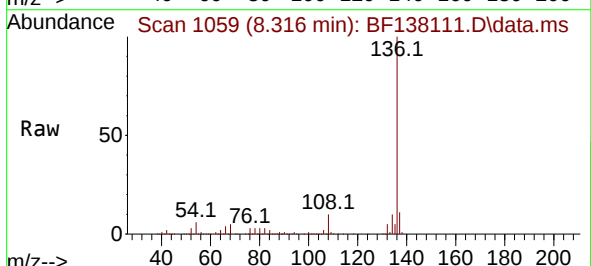
MW-13

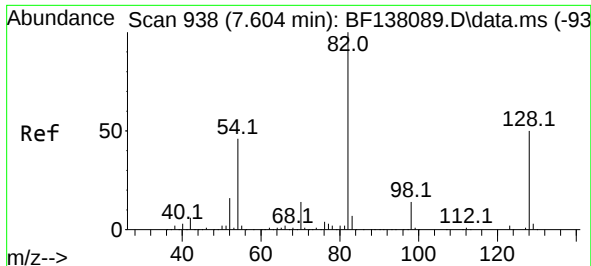
Tgt Ion: 99 Resp: 348288
Ion Ratio Lower Upper
99 100
42 14.9 11.9 17.9
71 32.3 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF138111.D
Acq: 03 Jun 2024 17:26

Tgt Ion: 136 Resp: 497048
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.1 5.4 8.0
68 5.3 4.3 6.5





#23

Nitrobenzene-d5

Concen: 74.966 ng

RT: 7.592 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138111.D

Acq: 03 Jun 2024 17:26

Instrument :

BNA_F

ClientSampleId :

MW-13

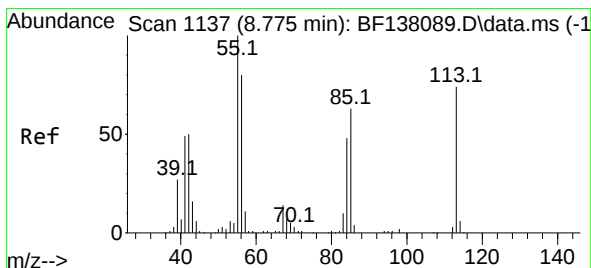
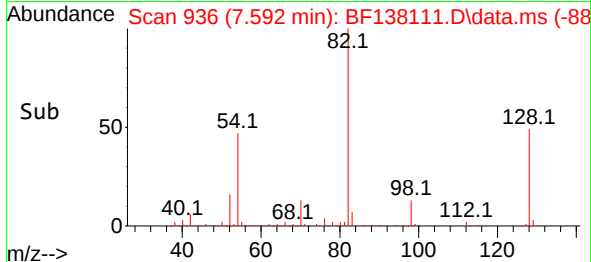
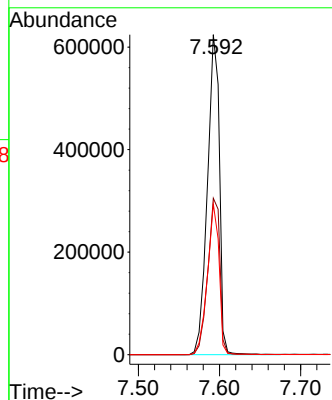
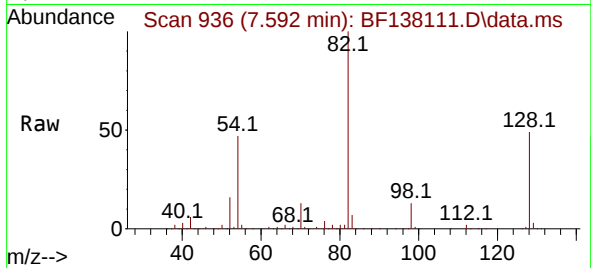
Tgt Ion: 82 Resp: 639461

Ion Ratio Lower Upper

82 100

128 48.9 39.9 59.9

54 47.1 37.0 55.4



#35

Caprolactam

Concen: 4.928 ng

RT: 8.716 min Scan# 1127

Delta R.T. -0.059 min

Lab File: BF138111.D

Acq: 03 Jun 2024 17:26

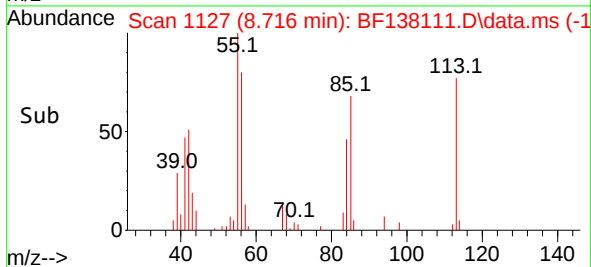
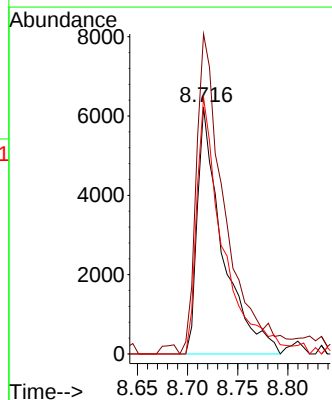
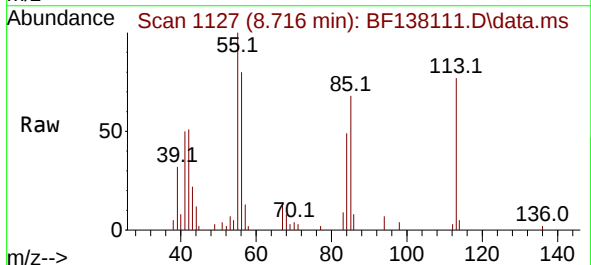
Tgt Ion: 113 Resp: 10859

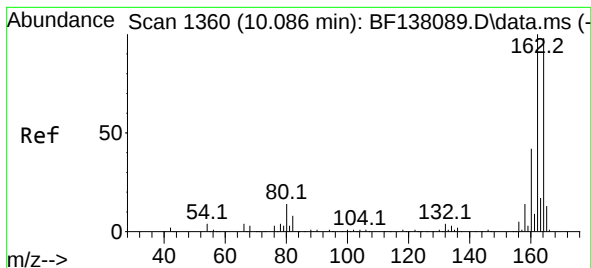
Ion Ratio Lower Upper

113 100

55 129.6 115.3 155.3

56 103.8 88.5 128.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.080 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138111.D

Acq: 03 Jun 2024 17:26

Instrument :

BNA_F

ClientSampleId :

MW-13

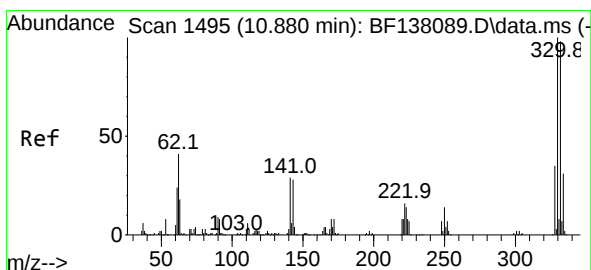
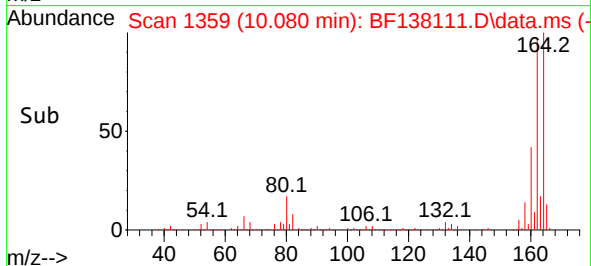
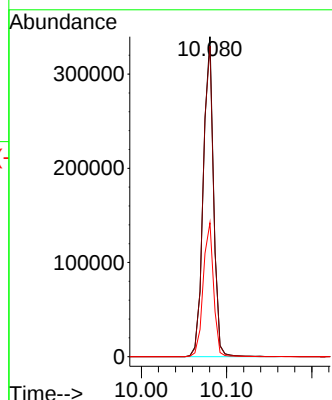
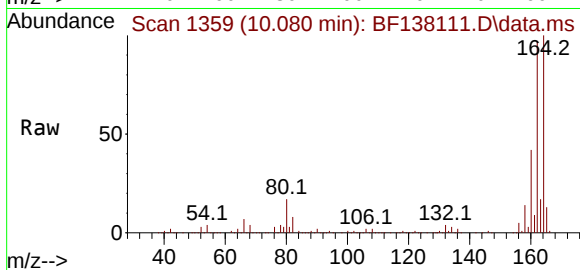
Tgt Ion:164 Resp: 283668

Ion Ratio Lower Upper

164 100

162 97.1 81.7 122.5

160 41.9 34.5 51.7



#42

2,4,6-Tribromophenol

Concen: 94.704 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138111.D

Acq: 03 Jun 2024 17:26

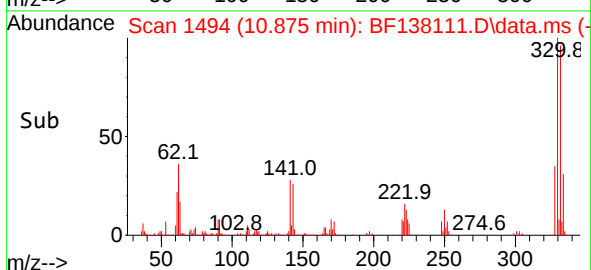
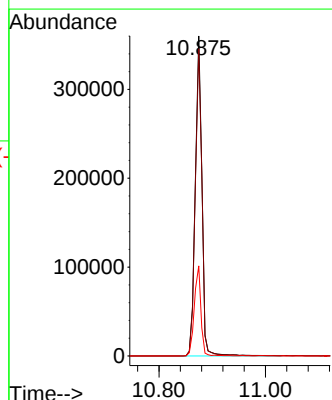
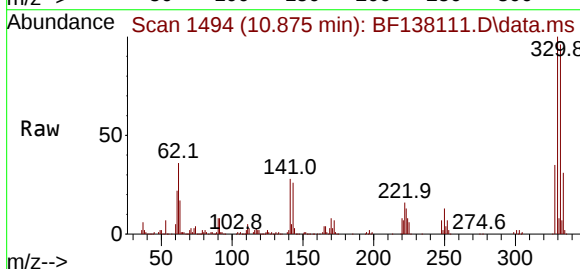
Tgt Ion:330 Resp: 313361

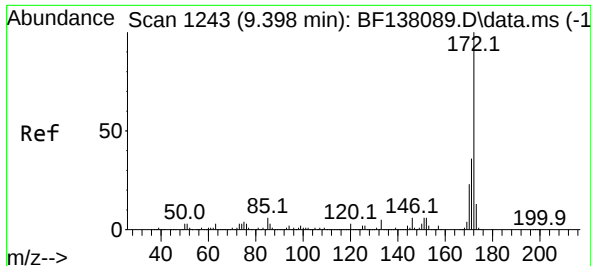
Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 28.1 21.4 32.0

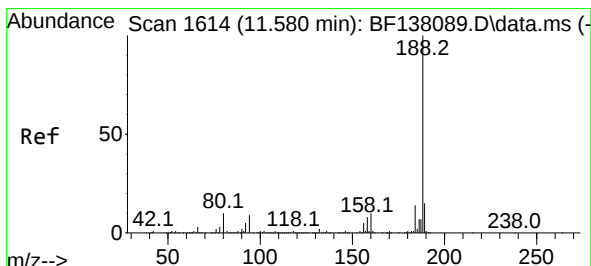
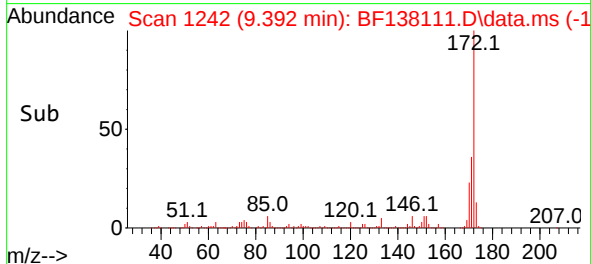
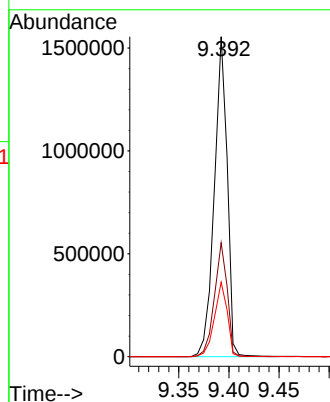
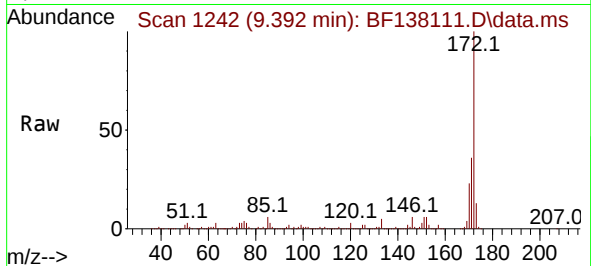




#45
2-Fluorobiphenyl
Concen: 72.827 ng
RT: 9.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138111.D
Acq: 03 Jun 2024 17:26

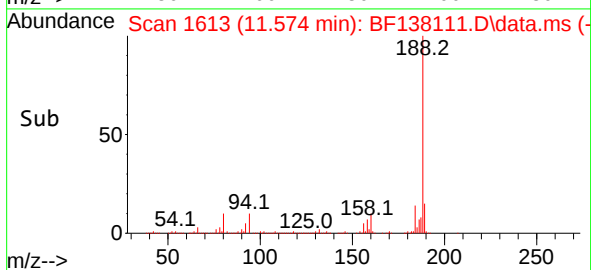
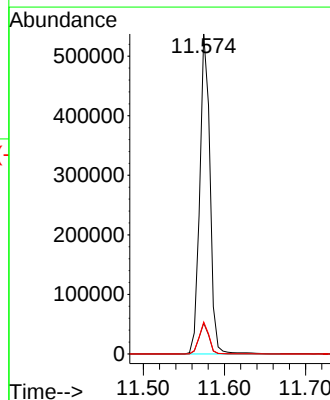
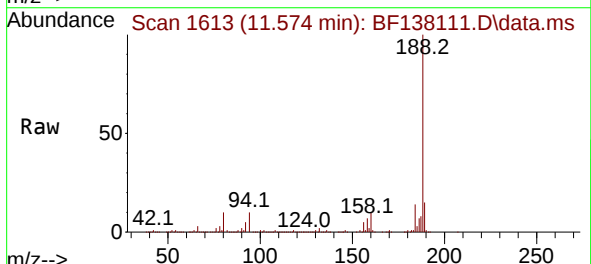
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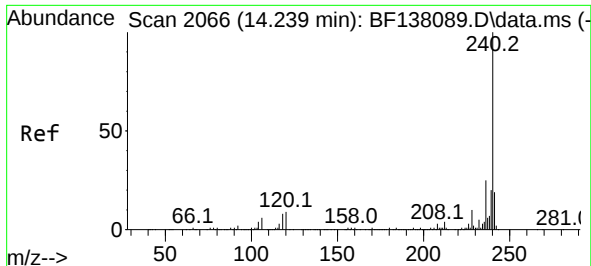
Tgt Ion:172 Resp: 1393674
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.4
170 23.2 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF138111.D
Acq: 03 Jun 2024 17:26

Tgt Ion:188 Resp: 471901
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.0
80 10.0 7.8 11.8

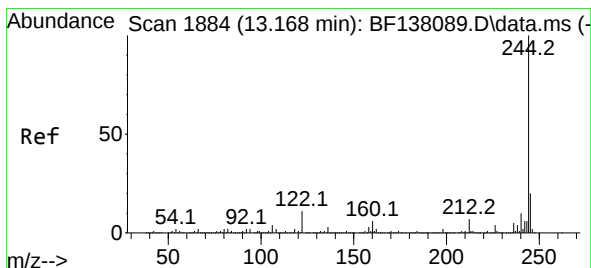
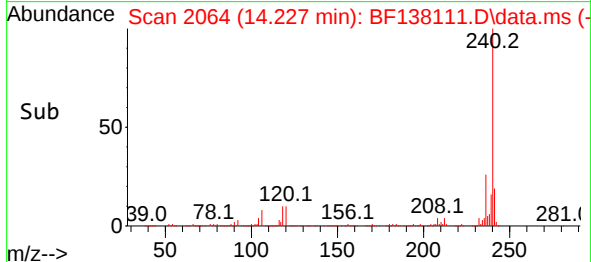
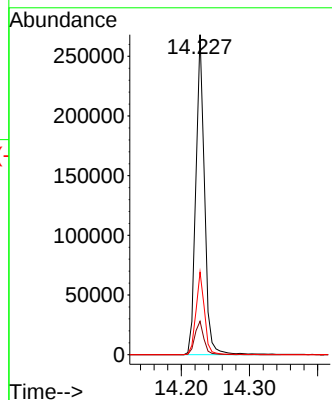
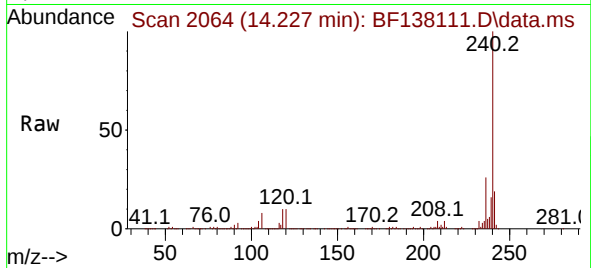




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF138111.D
Acq: 03 Jun 2024 17:26

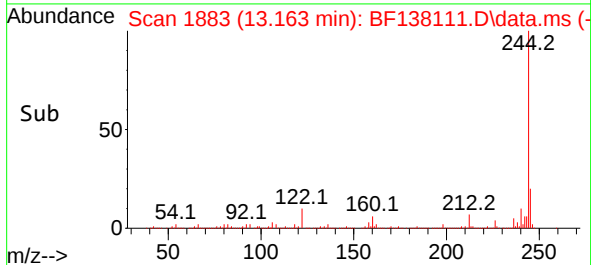
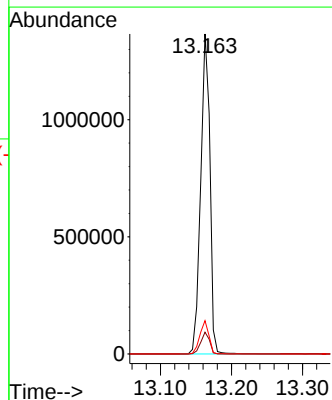
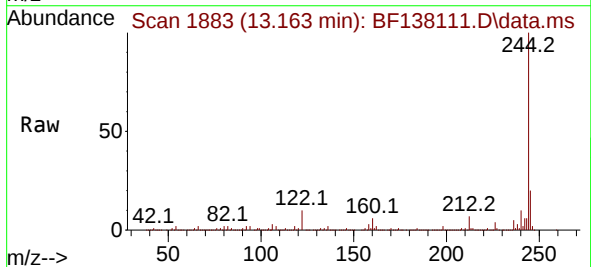
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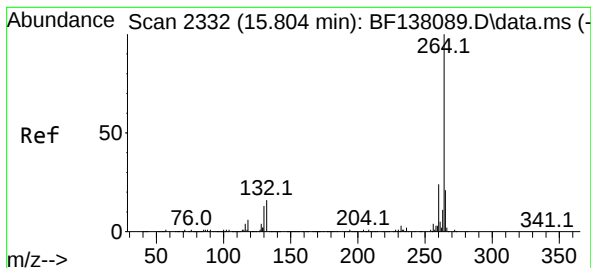
Tgt Ion:240 Resp: 236400
Ion Ratio Lower Upper
240 100
120 10.4 7.1 10.7
236 25.8 20.4 30.6



#79
Terphenyl-d14
Concen: 75.592 ng
RT: 13.163 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BF138111.D
Acq: 03 Jun 2024 17:26

Tgt Ion:244 Resp: 1235396
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.4 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.798 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138111.D

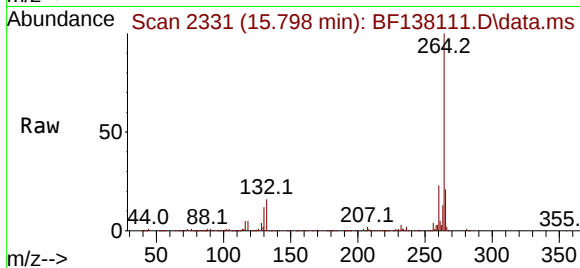
Acq: 03 Jun 2024 17:26

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:264 Resp: 266651

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 21.3 16.7 25.1

