

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
Data File : BF138102.D
Acq On : 03 Jun 2024 12:56
Operator : CG\JU
Sample : P2646-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPS

Quant Time: Jun 03 13:43:32 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	121287	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	468107	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	263517	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	429122	20.000	ng	0.00
76) Chrysene-d12	14.227	240	227203	20.000	ng	#-0.01
86) Perylene-d12	15.798	264	245998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	771178	113.663	ng	0.01
7) Phenol-d6	6.657	99	867507	99.292	ng	0.00
23) Nitrobenzene-d5	7.598	82	622421	77.480	ng	0.00
42) 2,4,6-Tribromophenol	10.874	330	348419	113.352	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1343309	75.562	ng	0.00
79) Terphenyl-d14	13.163	244	1335946	85.053	ng	0.00

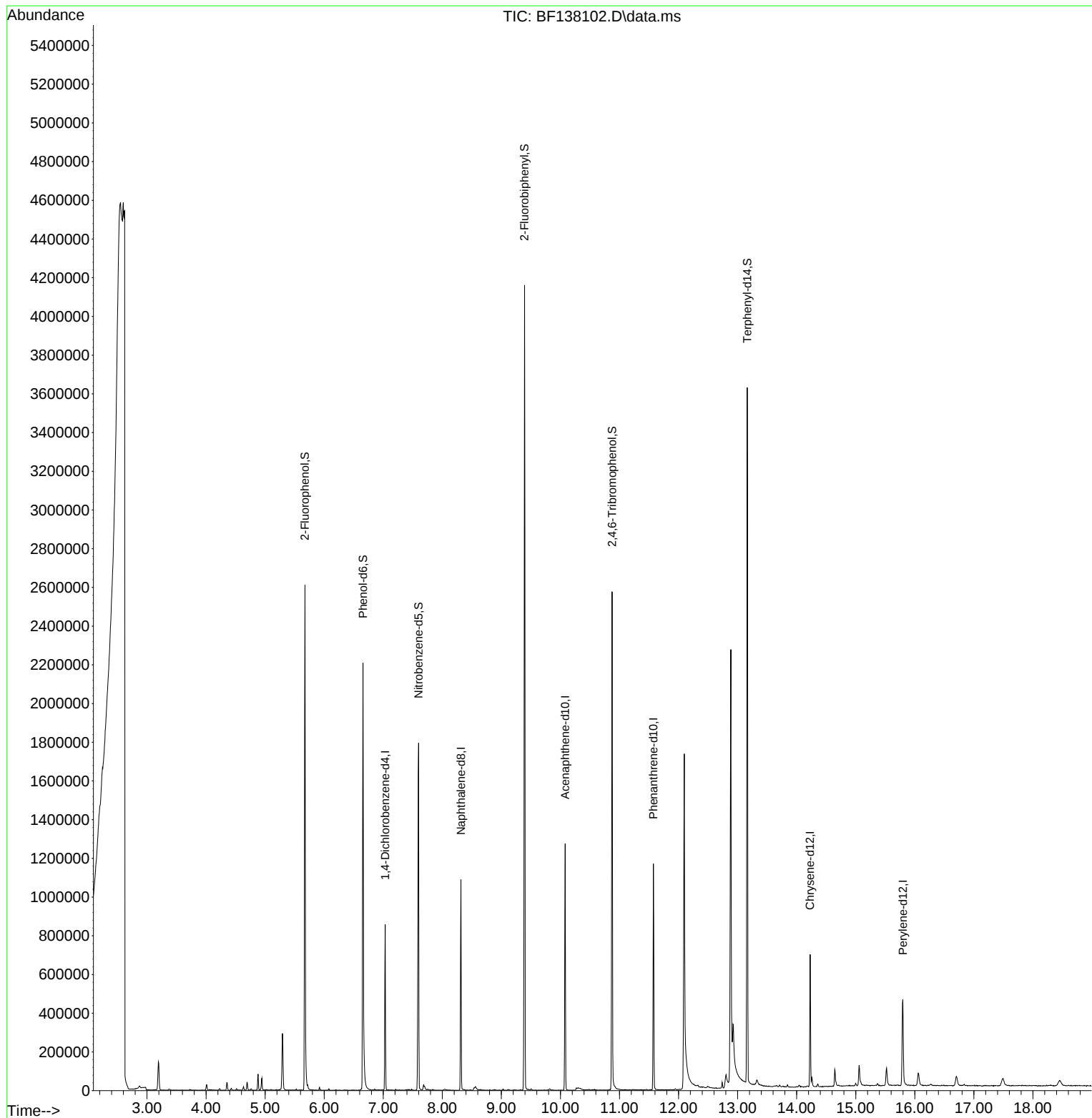
Target Compounds	Qvalue

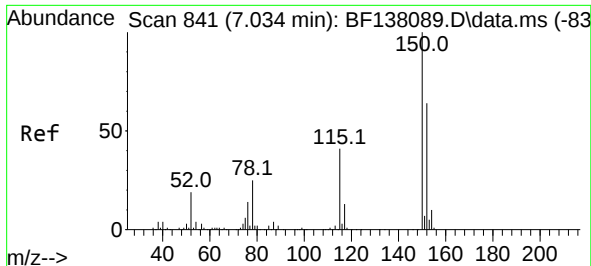
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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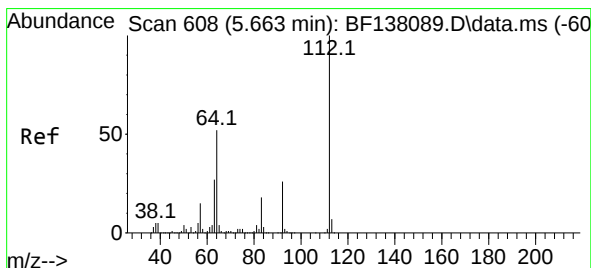
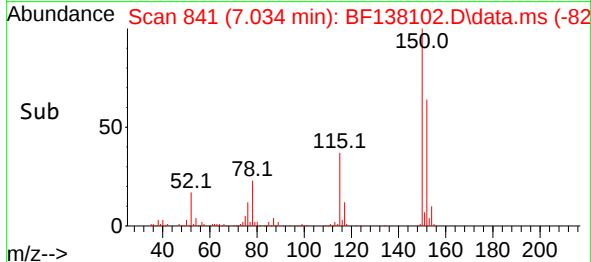
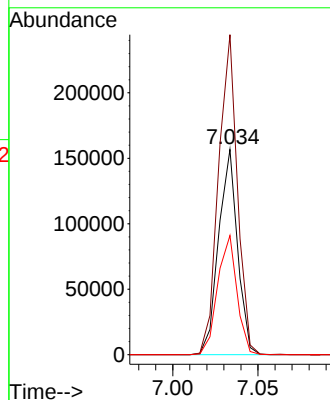
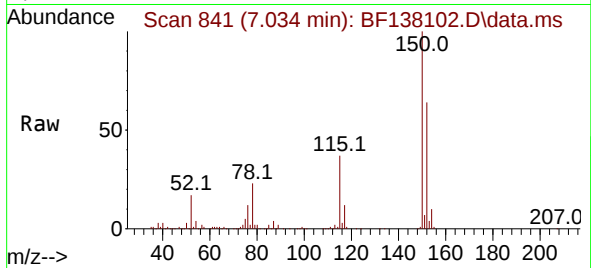




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138102.D
Acq: 03 Jun 2024 12:56

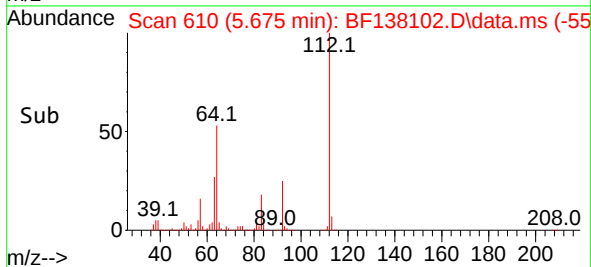
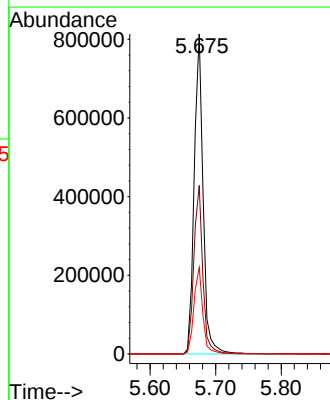
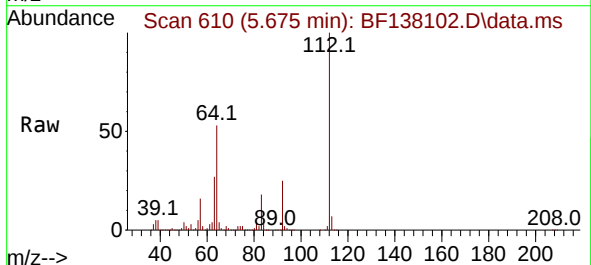
Instrument :
BNA_F
ClientSampleId :
WCS-TPS

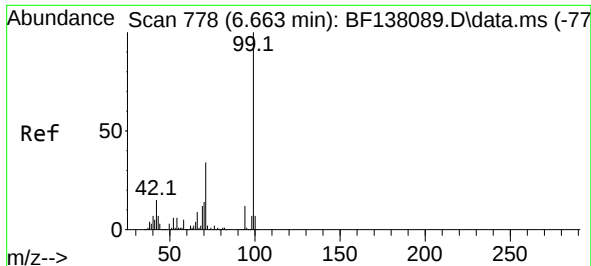
Tgt Ion:152 Resp: 121287
Ion Ratio Lower Upper
152 100
150 155.9 125.4 188.0
115 58.1 51.6 77.4



#5
2-Fluorophenol
Concen: 113.663 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138102.D
Acq: 03 Jun 2024 12:56

Tgt Ion:112 Resp: 771178
Ion Ratio Lower Upper
112 100
64 52.7 41.4 62.2
63 27.0 21.5 32.3



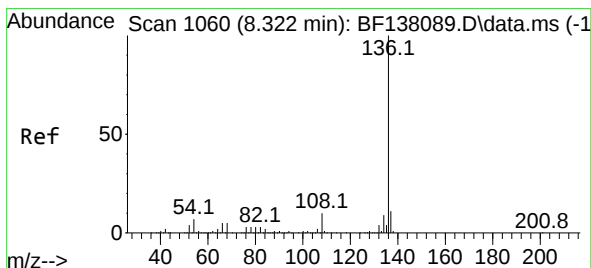
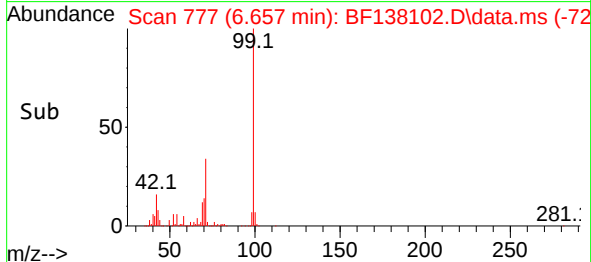
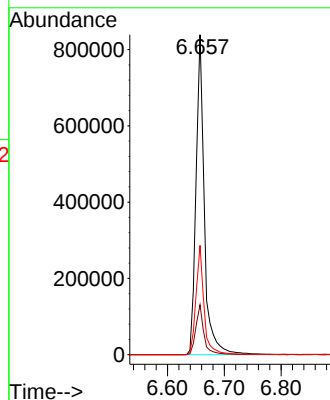
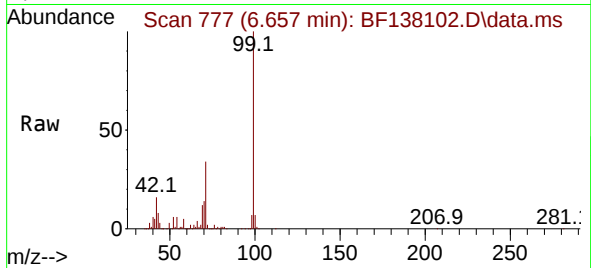


#7
Phenol-d6
Concen: 99.292 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138102.D
Acq: 03 Jun 2024 12:56

Instrument :
BNA_F
ClientSampleId :
WCS-TPS

Tgt Ion: 99 Resp: 867507

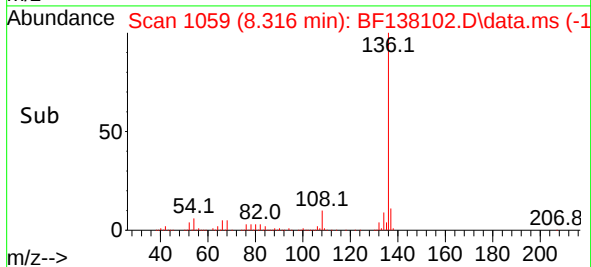
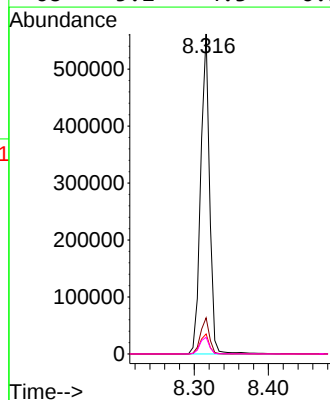
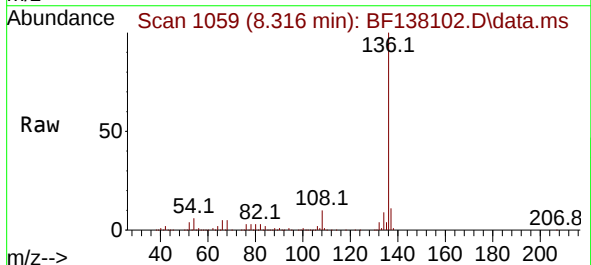
Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.9	17.9
71	34.2	26.8	40.2

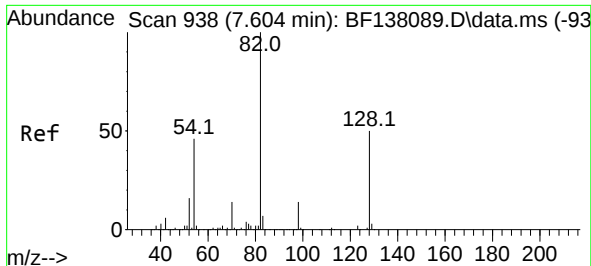


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF138102.D
Acq: 03 Jun 2024 12:56

Tgt Ion: 136 Resp: 468107

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.2	5.4	8.0
68	5.2	4.3	6.5





#23

Nitrobenzene-d5

Concen: 77.480 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138102.D

Acq: 03 Jun 2024 12:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPS

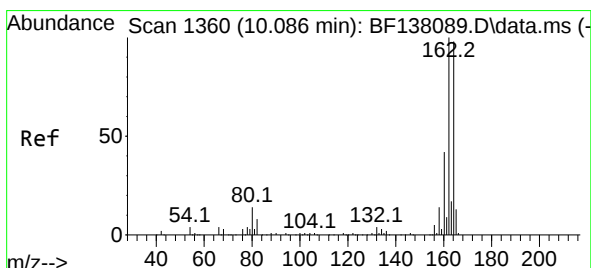
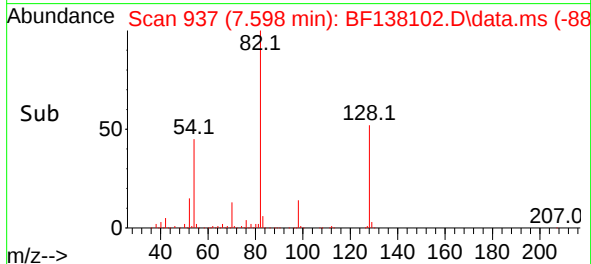
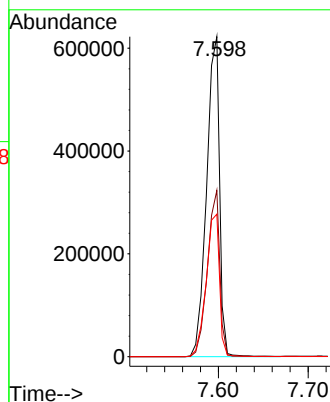
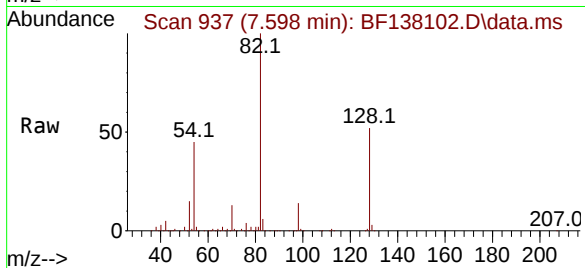
Tgt Ion: 82 Resp: 622421

Ion Ratio Lower Upper

82 100

128 52.0 39.9 59.9

54 44.5 37.0 55.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF138102.D

Acq: 03 Jun 2024 12:56

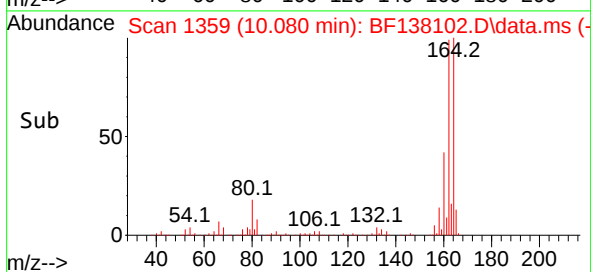
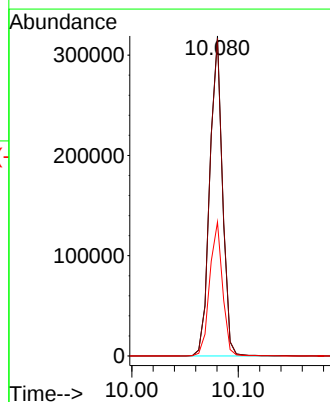
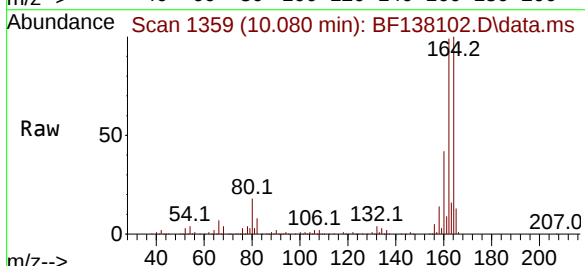
Tgt Ion:164 Resp: 263517

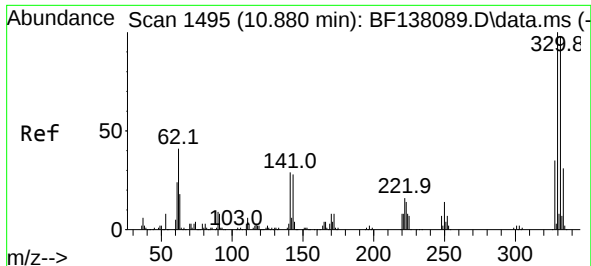
Ion Ratio Lower Upper

164 100

162 99.2 81.7 122.5

160 41.8 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 113.352 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138102.D

Acq: 03 Jun 2024 12:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPS

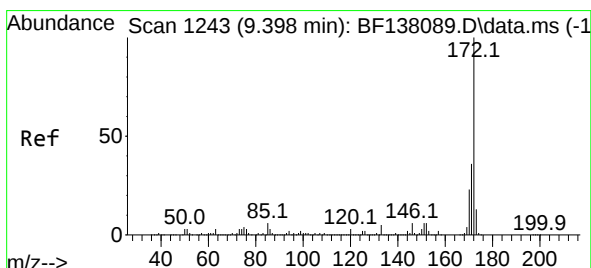
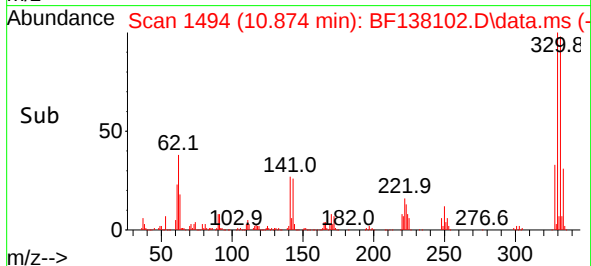
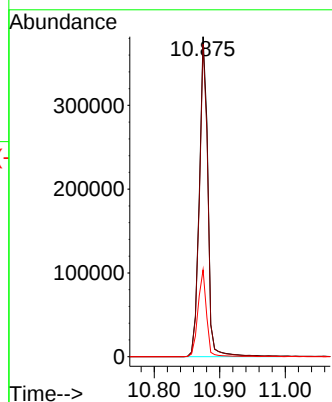
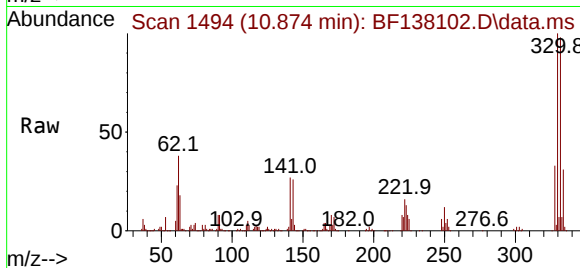
Tgt Ion:330 Resp: 348419

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 27.0 21.4 32.0



#45

2-Fluorobiphenyl

Concen: 75.562 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138102.D

Acq: 03 Jun 2024 12:56

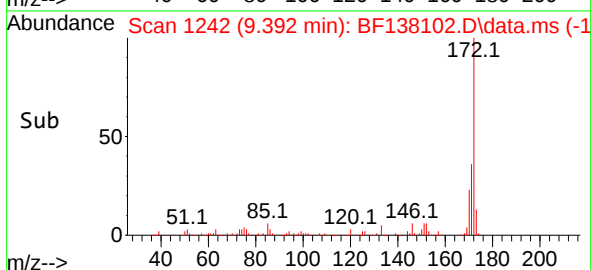
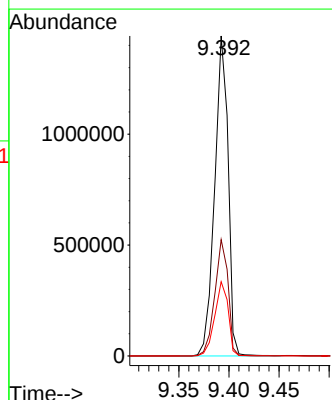
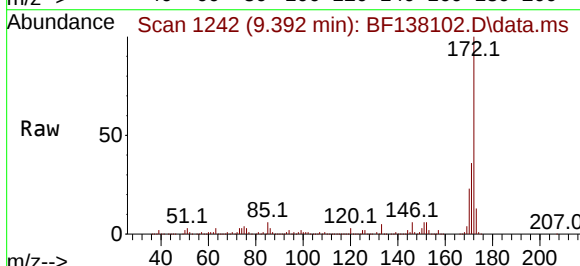
Tgt Ion:172 Resp: 1343309

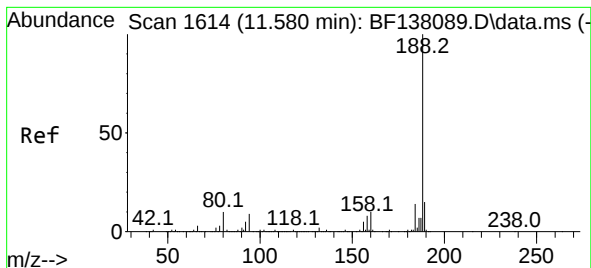
Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138102.D

Acq: 03 Jun 2024 12:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPS

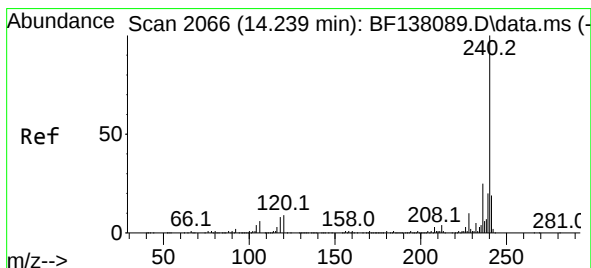
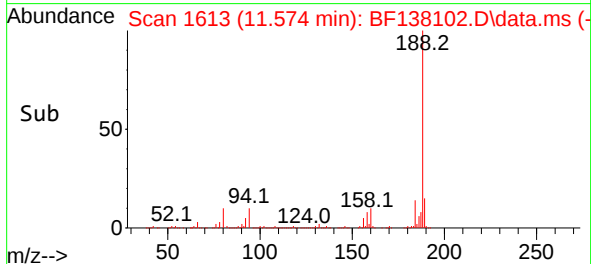
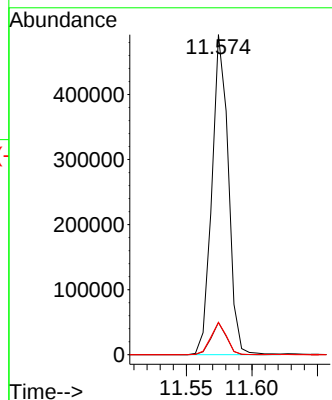
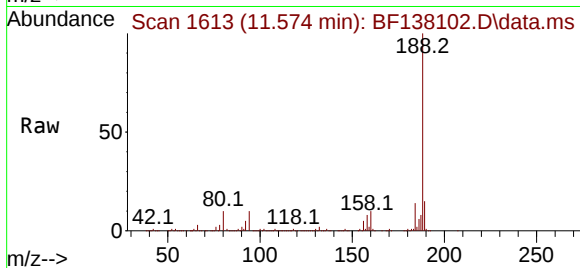
Tgt Ion:188 Resp: 429122

Ion Ratio Lower Upper

188 100

94 10.1 7.4 11.0

80 10.1 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: BF138102.D

Acq: 03 Jun 2024 12:56

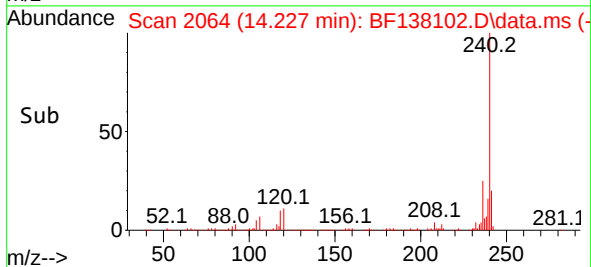
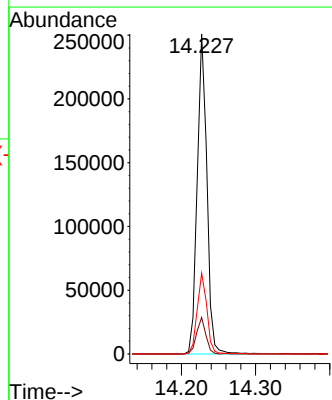
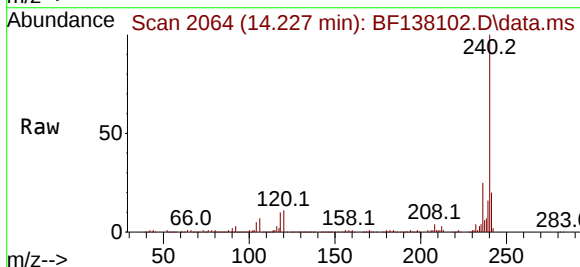
Tgt Ion:240 Resp: 227203

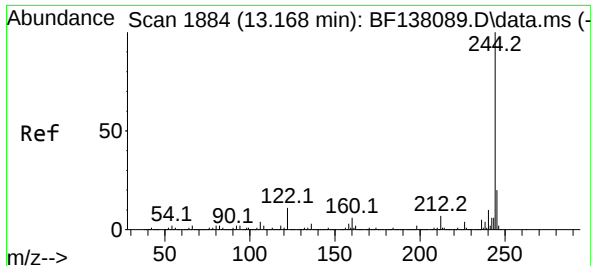
Ion Ratio Lower Upper

240 100

120 11.4 7.1 10.7#

236 25.3 20.4 30.6

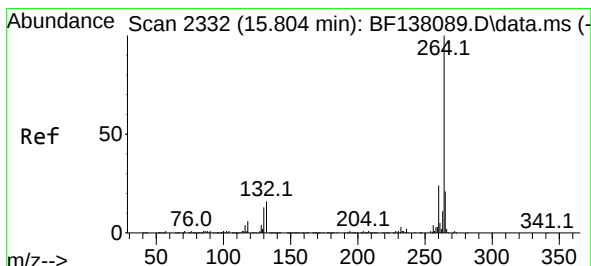
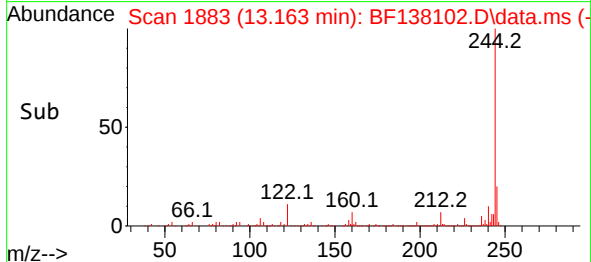
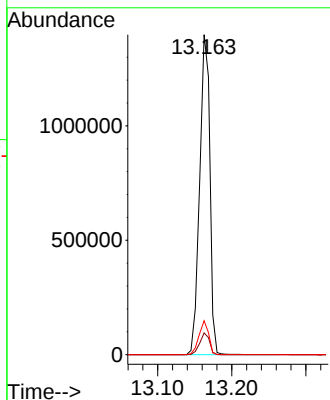
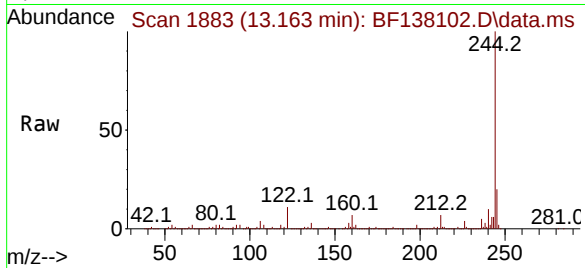




#79
 Terphenyl-d14
 Concen: 85.053 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. -0.006 min
 Lab File: BF138102.D
 Acq: 03 Jun 2024 12:56

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPS

Tgt Ion:244 Resp: 1335946
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.6 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: BF138102.D
 Acq: 03 Jun 2024 12:56

Tgt Ion:264 Resp: 245998
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.9 28.3
 265 20.1 16.7 25.1

