

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138101.D
 Acq On : 03 Jun 2024 12:23
 Operator : CG\JU
 Sample : PB161189TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161189TB

Quant Time: Jun 03 13:43:10 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	131806	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	520287	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	307344	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	576469	20.000	ng	0.00
76) Chrysene-d12	14.227	240	440949	20.000	ng	#-0.01
86) Perylene-d12	15.798	264	376218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	958919	130.054	ng	0.01
7) Phenol-d6	6.657	99	1178289	124.100	ng	0.00
23) Nitrobenzene-d5	7.598	82	730086	81.767	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	445504	124.269	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1632901	78.754	ng	0.00
79) Terphenyl-d14	13.168	244	2132248	69.946	ng	0.00

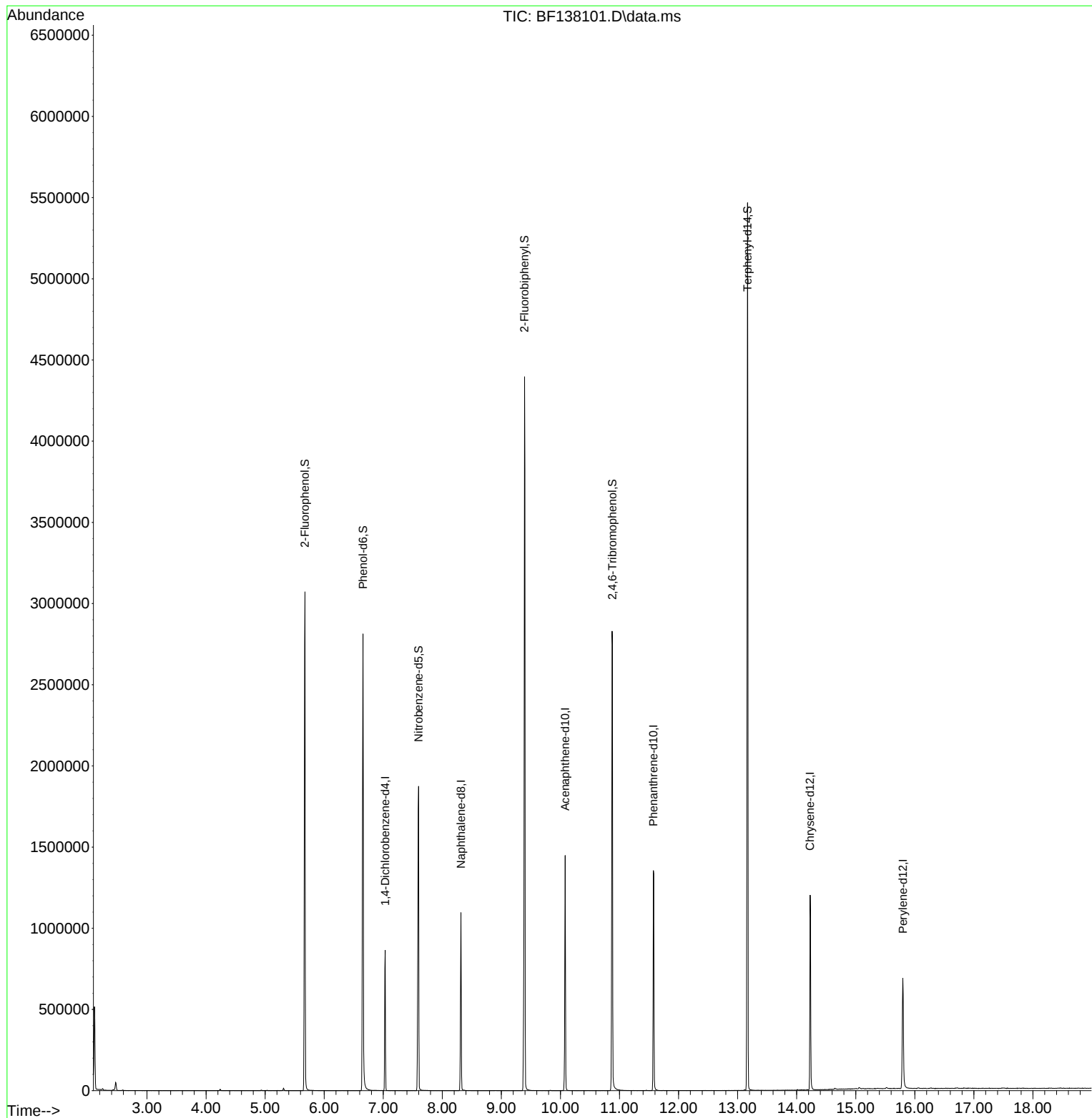
Target Compounds	Qvalue

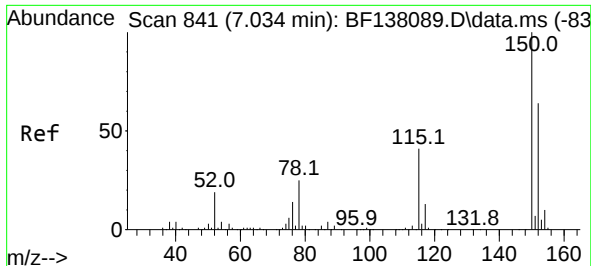
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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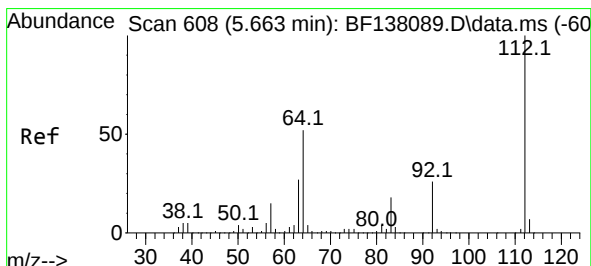
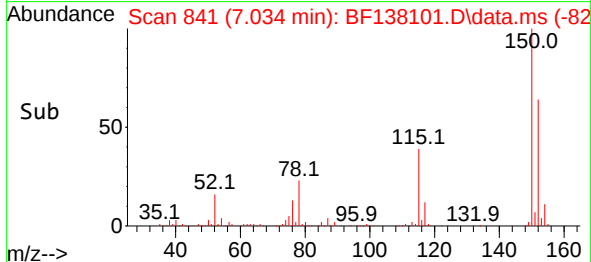
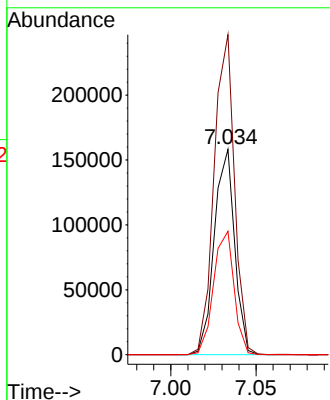
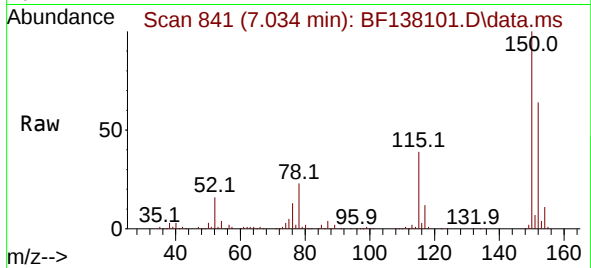




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138101.D
Acq: 03 Jun 2024 12:23

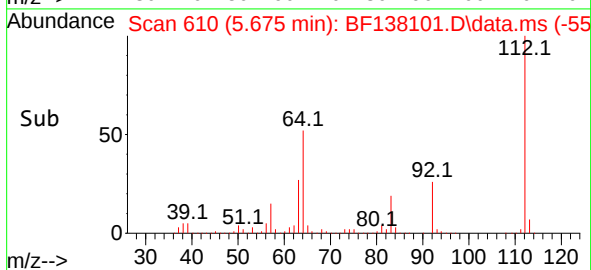
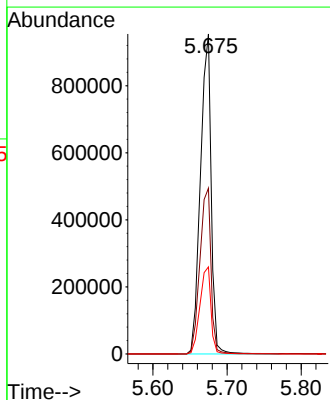
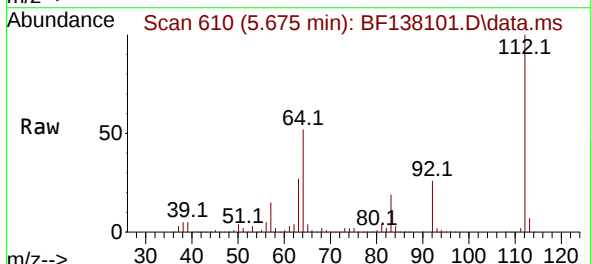
Instrument :
BNA_F
ClientSampleId :
PB161189TB

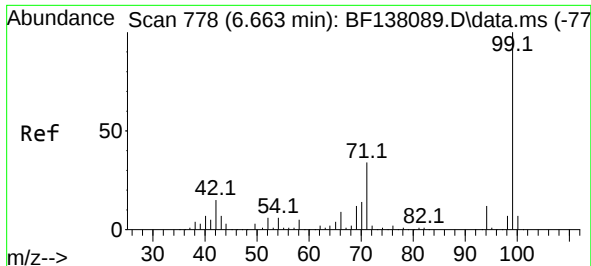
Tgt Ion:152 Resp: 131806
Ion Ratio Lower Upper
152 100
150 155.9 125.4 188.0
115 60.1 51.6 77.4



#5
2-Fluorophenol
Concen: 130.054 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138101.D
Acq: 03 Jun 2024 12:23

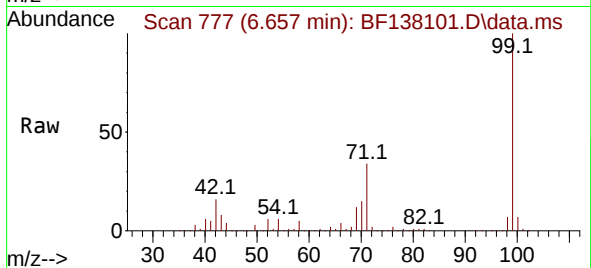
Tgt Ion:112 Resp: 958919
Ion Ratio Lower Upper
112 100
64 51.8 41.4 62.2
63 27.2 21.5 32.3





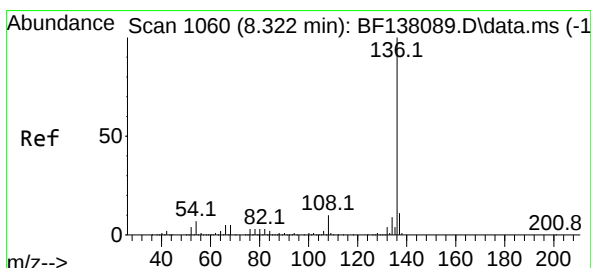
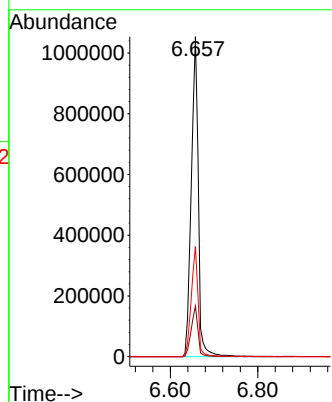
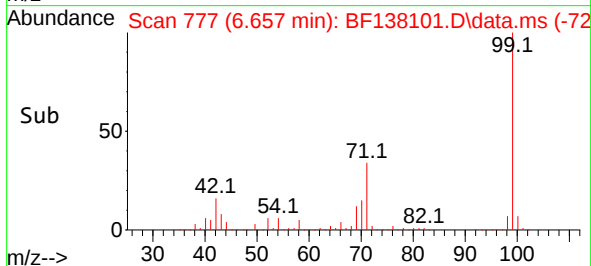
#7
Phenol-d6
Concen: 124.100 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138101.D
Acq: 03 Jun 2024 12:23

Instrument :
BNA_F
ClientSampleId :
PB161189TB

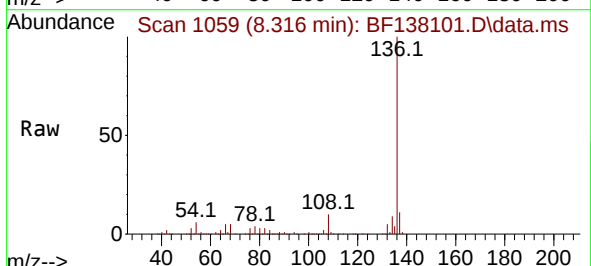


Tgt Ion: 99 Resp: 1178289

Ion	Ratio	Lower	Upper
99	100		
42	15.8	11.9	17.9
71	34.4	26.8	40.2

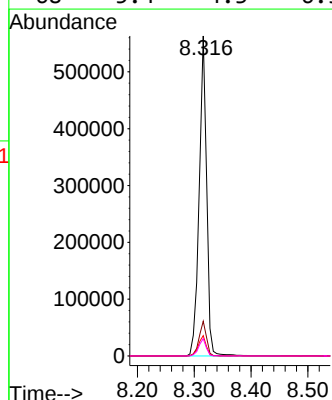
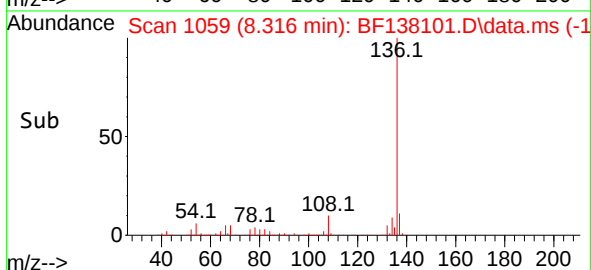


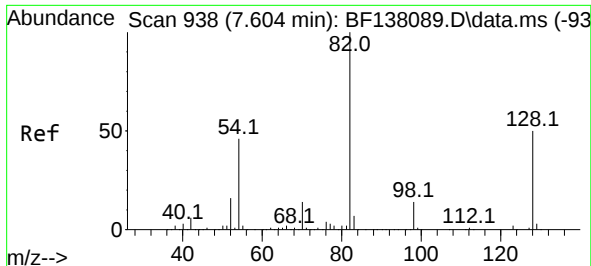
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF138101.D
Acq: 03 Jun 2024 12:23



Tgt Ion: 136 Resp: 520287

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.3	5.4	8.0
68	5.4	4.3	6.5





#23

Nitrobenzene-d5

Concen: 81.767 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138101.D

Acq: 03 Jun 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB161189TB

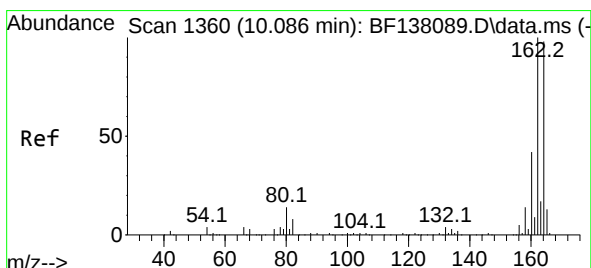
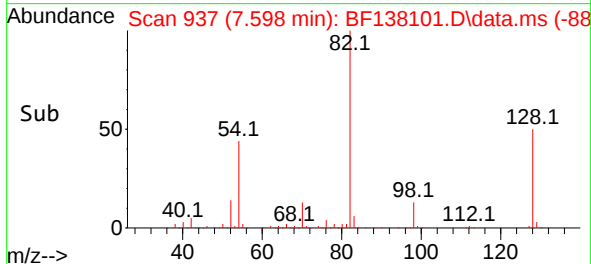
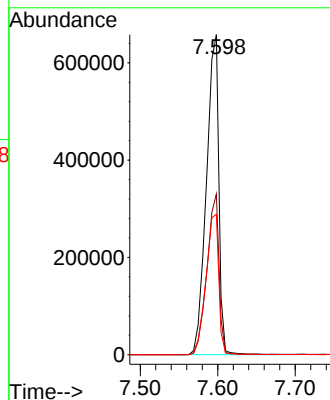
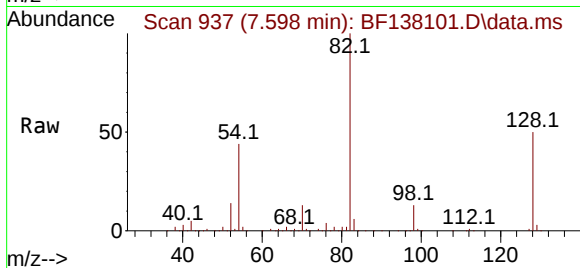
Tgt Ion: 82 Resp: 730086

Ion Ratio Lower Upper

82 100

128 50.2 39.9 59.9

54 43.9 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: BF138101.D

Acq: 03 Jun 2024 12:23

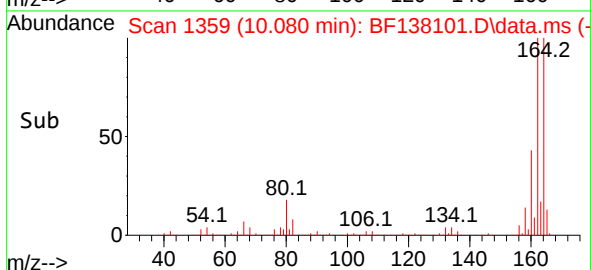
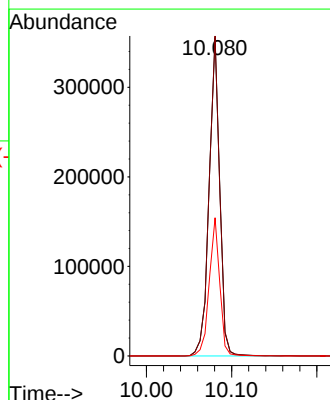
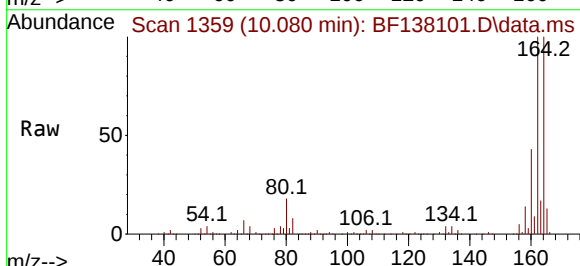
Tgt Ion:164 Resp: 307344

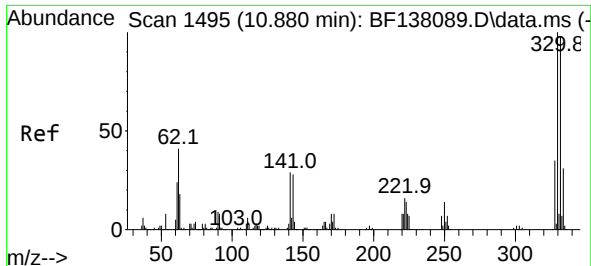
Ion Ratio Lower Upper

164 100

162 100.5 81.7 122.5

160 43.4 34.5 51.7

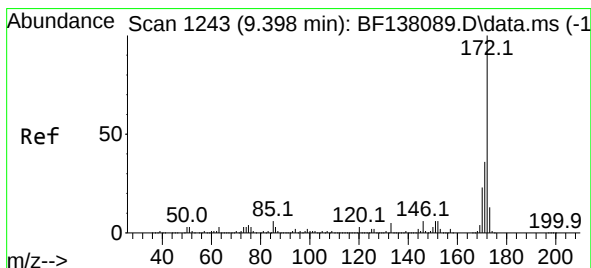
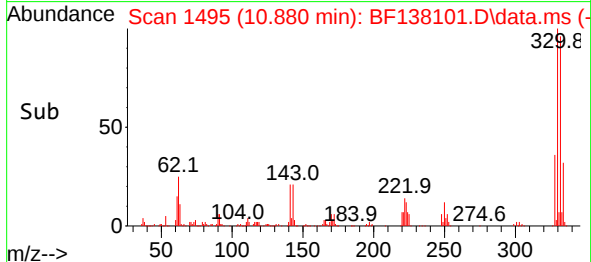
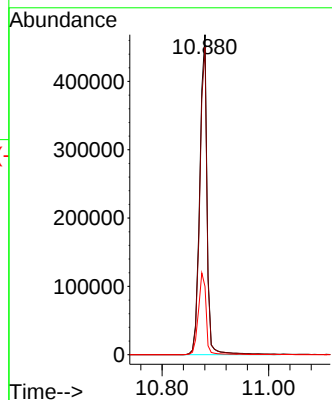
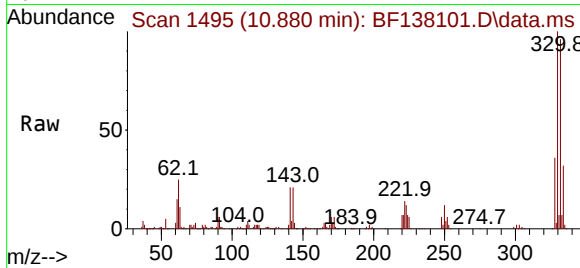




#42
 2,4,6-Tribromophenol
 Concen: 124.269 ng
 RT: 10.880 min Scan# 1495
 Delta R.T. 0.000 min
 Lab File: BF138101.D
 Acq: 03 Jun 2024 12:23

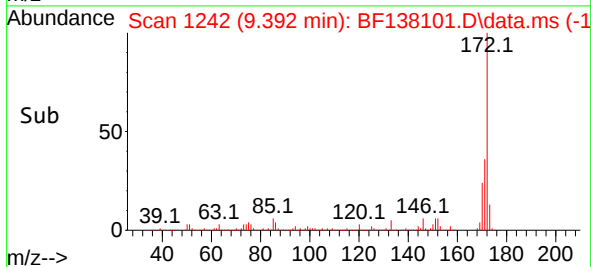
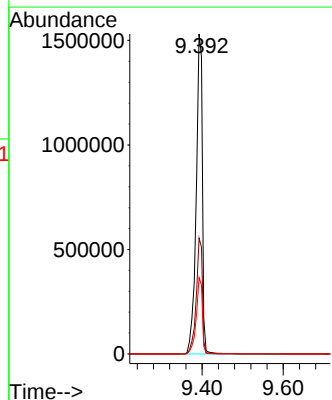
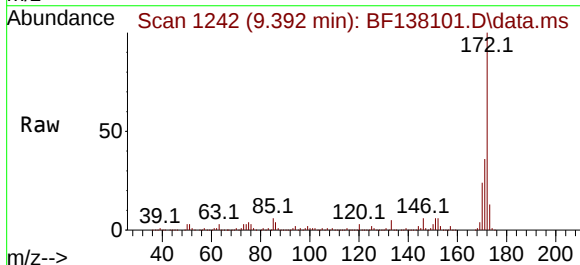
Instrument :
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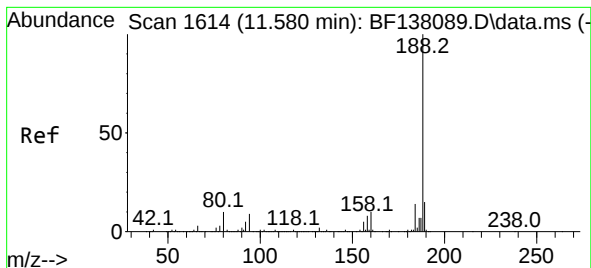
Tgt Ion:330 Resp: 445504
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.3 115.9
 141 27.1 21.4 32.0



#45
 2-Fluorobiphenyl
 Concen: 78.754 ng
 RT: 9.392 min Scan# 1242
 Delta R.T. -0.006 min
 Lab File: BF138101.D
 Acq: 03 Jun 2024 12:23

Tgt Ion:172 Resp: 1632901
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.4
 170 23.8 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: BF138101.D

Acq: 03 Jun 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB161189TB

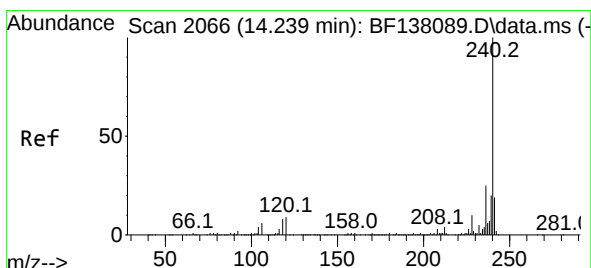
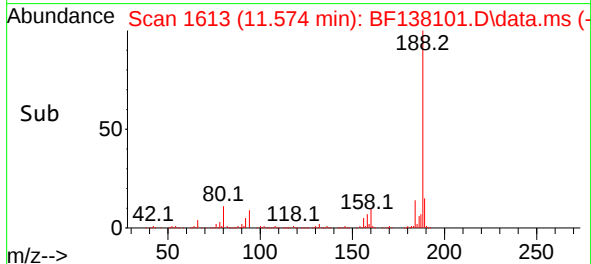
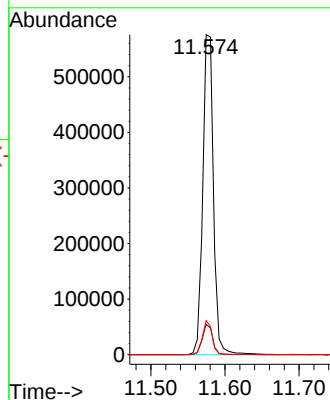
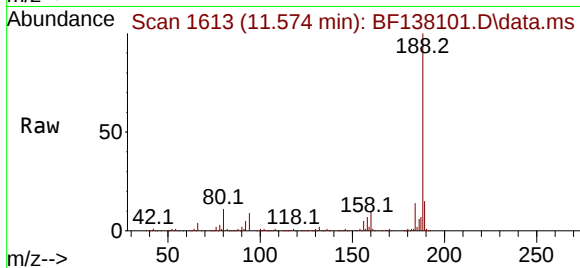
Tgt Ion:188 Resp: 576469

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.0

80 10.6 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: BF138101.D

Acq: 03 Jun 2024 12:23

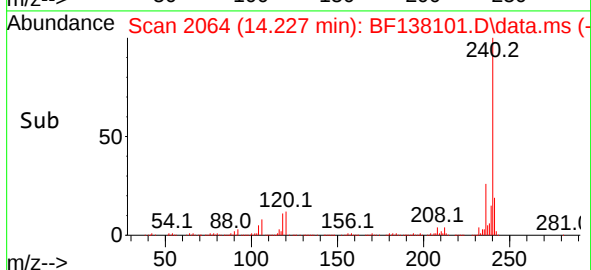
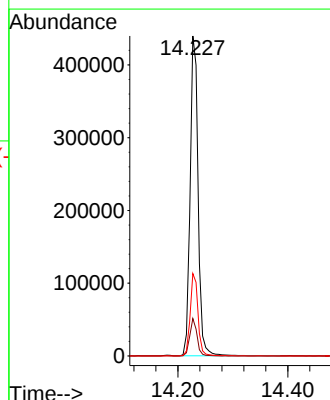
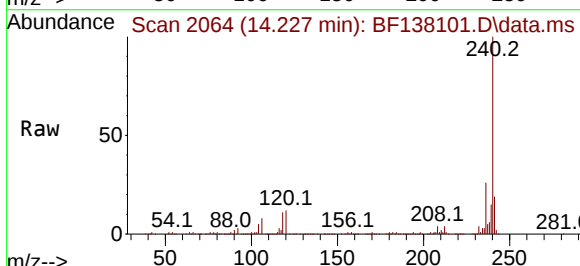
Tgt Ion:240 Resp: 440949

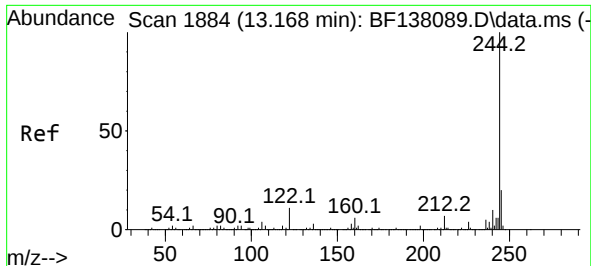
Ion Ratio Lower Upper

240 100

120 11.7 7.1 10.7#

236 25.8 20.4 30.6

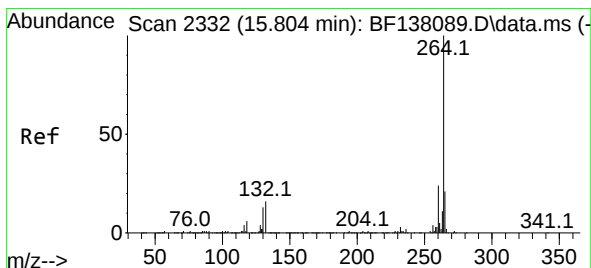
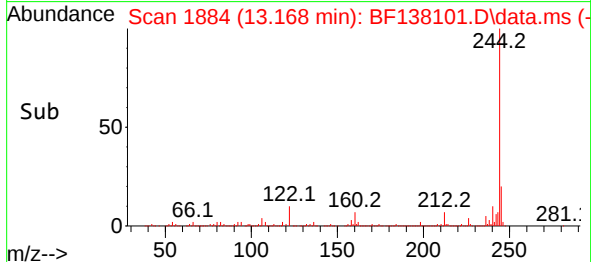
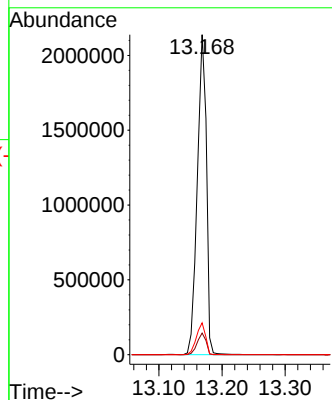
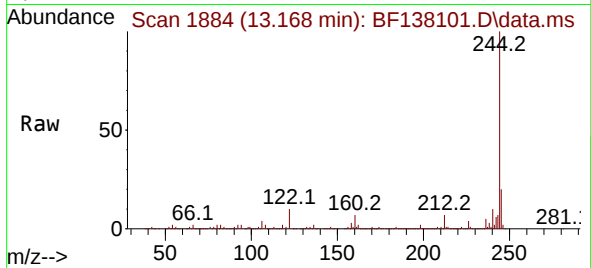




#79
 Terphenyl-d14
 Concen: 69.946 ng
 RT: 13.168 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: BF138101.D
 Acq: 03 Jun 2024 12:23

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 2132248
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.0 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: BF138101.D
 Acq: 03 Jun 2024 12:23

Tgt Ion:264 Resp: 376218
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.9 28.3
 265 20.9 16.7 25.1

