

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138100.D
 Acq On : 03 Jun 2024 11:54
 Operator : CG\JU
 Sample : PB161242BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161242BL

Quant Time: Jun 03 12:51:55 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	130689	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	529727	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	315674	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	592909	20.000	ng	0.00
76) Chrysene-d12	14.227	240	452378	20.000	ng	#-0.01
86) Perylene-d12	15.798	264	390680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1038174	142.007	ng	0.01
7) Phenol-d6	6.657	99	1281208	136.093	ng	0.00
23) Nitrobenzene-d5	7.598	82	791963	87.117	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	483347	131.267	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1752088	82.273	ng	0.00
79) Terphenyl-d14	13.169	244	2325715	74.365	ng	0.00

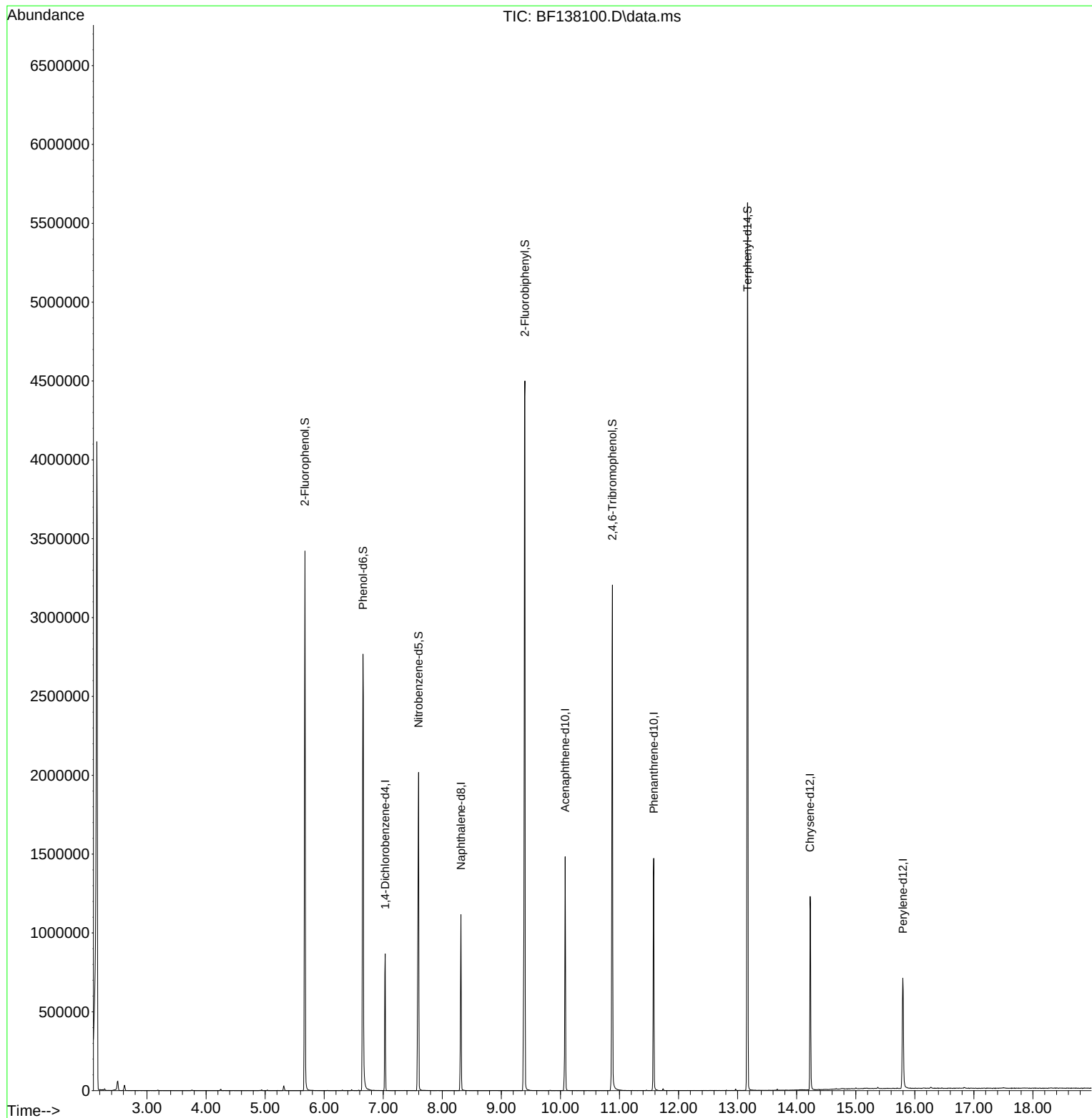
Target Compounds	Qvalue

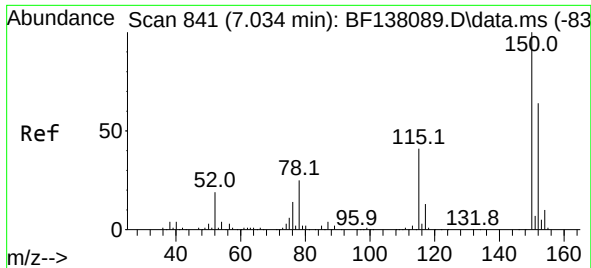
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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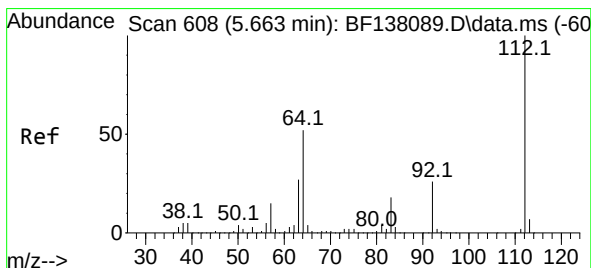
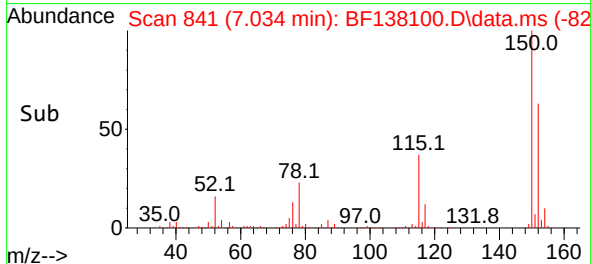
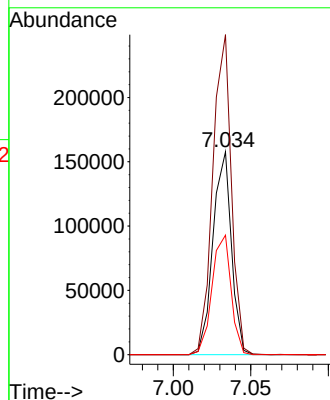
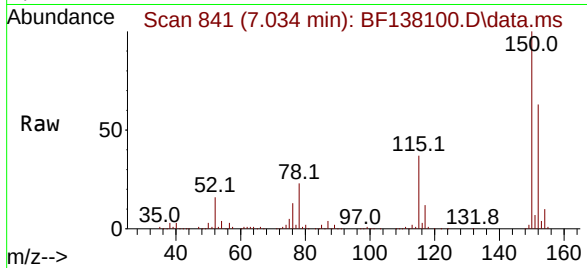




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138100.D
Acq: 03 Jun 2024 11:54

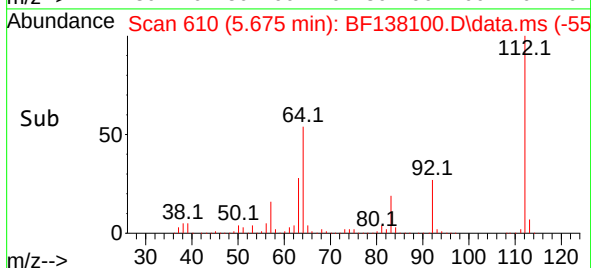
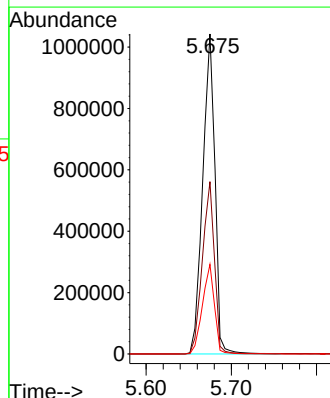
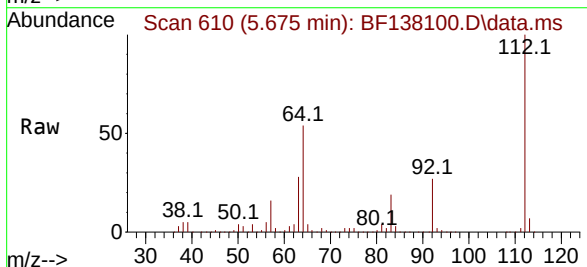
Instrument :
BNA_F
ClientSampleId :
PB161242BL

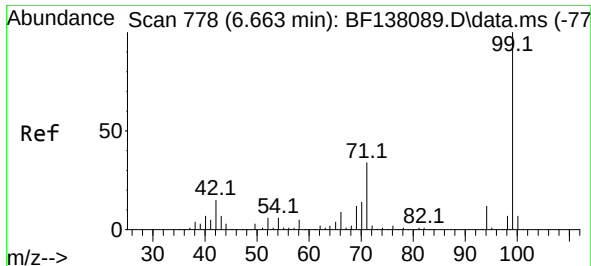
Tgt Ion:152 Resp: 130689
Ion Ratio Lower Upper
152 100
150 157.7 125.4 188.0
115 58.9 51.6 77.4



#5
2-Fluorophenol
Concen: 142.007 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138100.D
Acq: 03 Jun 2024 11:54

Tgt Ion:112 Resp: 1038174
Ion Ratio Lower Upper
112 100
64 53.8 41.4 62.2
63 28.0 21.5 32.3



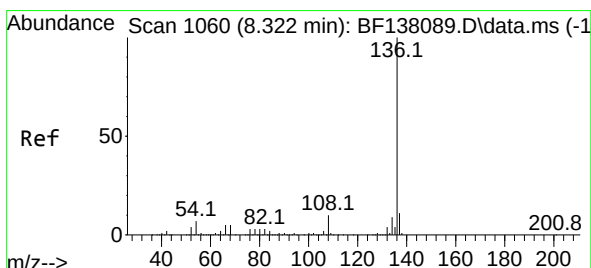
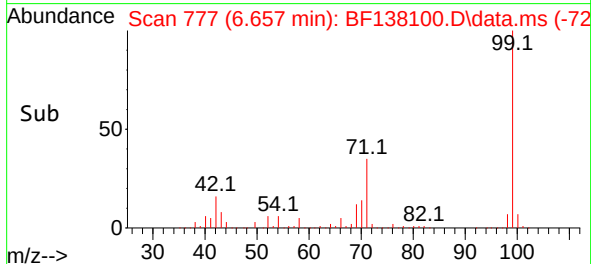
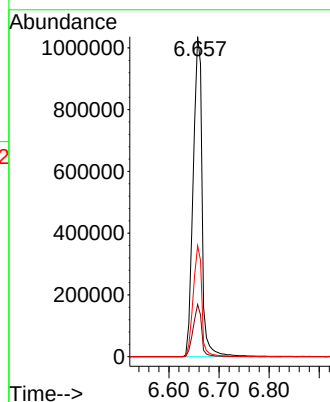
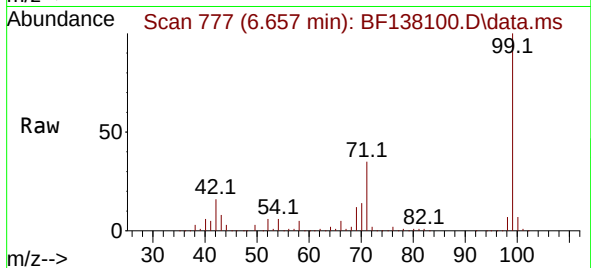


#7
Phenol-d6
Concen: 136.093 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138100.D
Acq: 03 Jun 2024 11:54

Instrument :
BNA_F
ClientSampleId :
PB161242BL

Tgt Ion: 99 Resp: 1281208

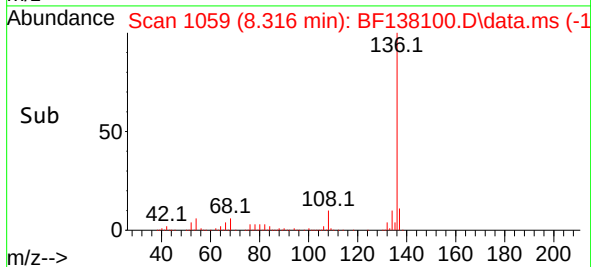
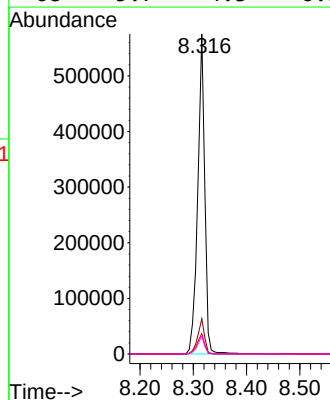
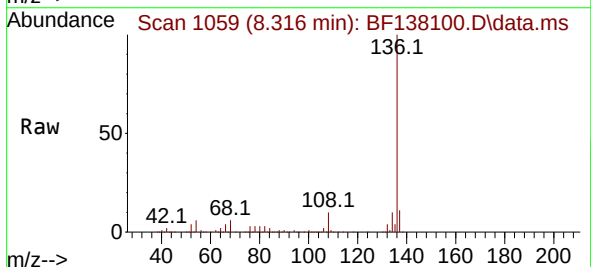
Ion	Ratio	Lower	Upper
99	100		
42	16.3	11.9	17.9
71	34.6	26.8	40.2

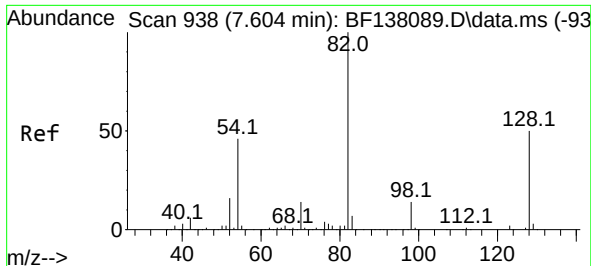


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF138100.D
Acq: 03 Jun 2024 11:54

Tgt Ion: 136 Resp: 529727

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.4	5.4	8.0
68	5.7	4.3	6.5





#23

Nitrobenzene-d5

Concen: 87.117 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138100.D

Acq: 03 Jun 2024 11:54

Instrument :

BNA_F

ClientSampleId :

PB161242BL

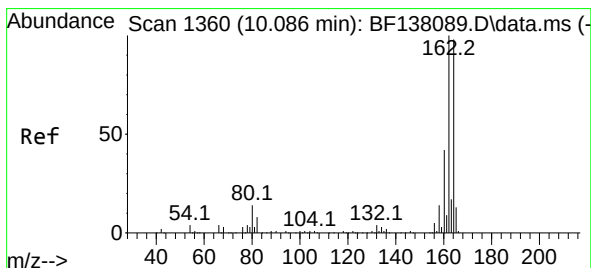
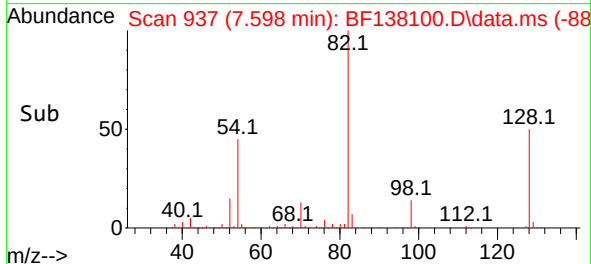
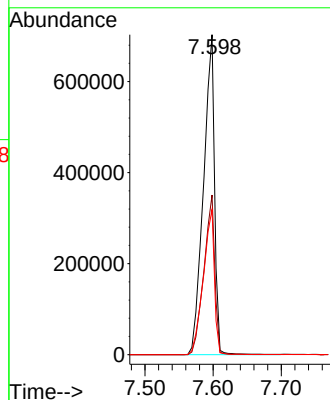
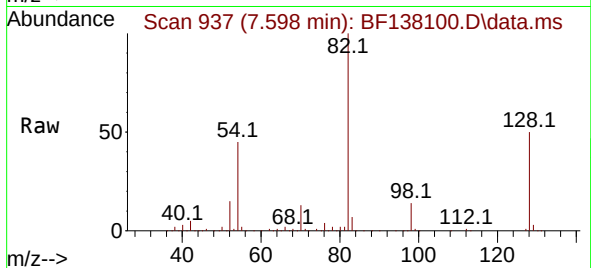
Tgt Ion: 82 Resp: 791963

Ion Ratio Lower Upper

82 100

128 49.9 39.9 59.9

54 45.4 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: BF138100.D

Acq: 03 Jun 2024 11:54

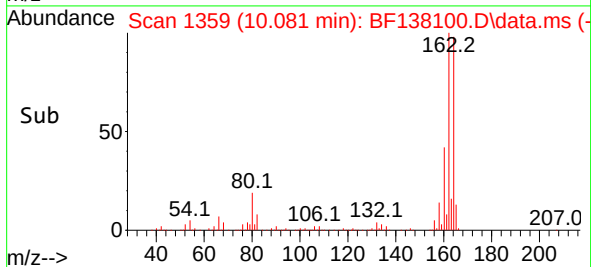
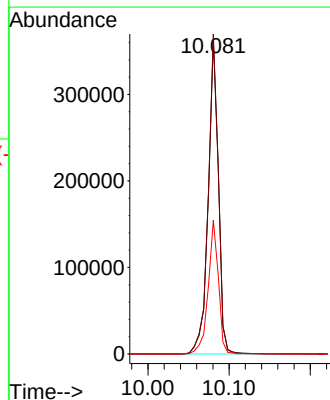
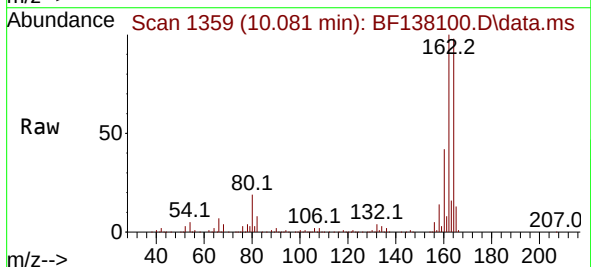
Tgt Ion:164 Resp: 315674

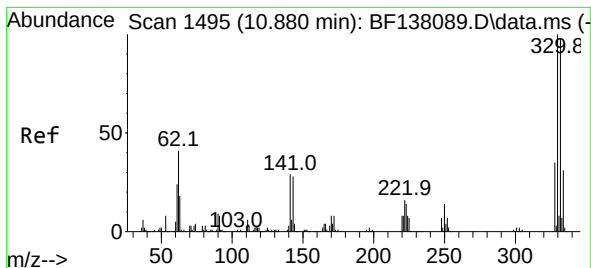
Ion Ratio Lower Upper

164 100

162 101.7 81.7 122.5

160 42.5 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 131.267 ng

RT: 10.880 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BF138100.D

Acq: 03 Jun 2024 11:54

Instrument :

BNA_F

ClientSampleId :

PB161242BL

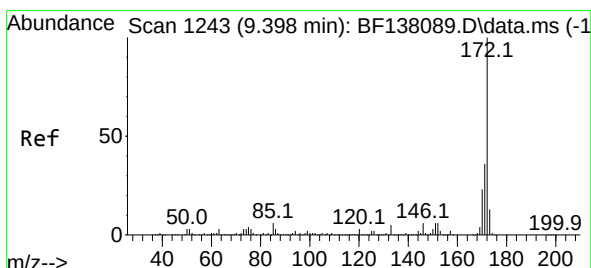
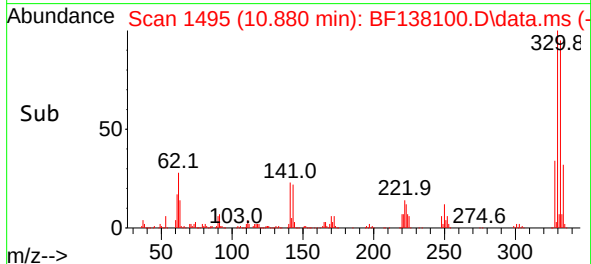
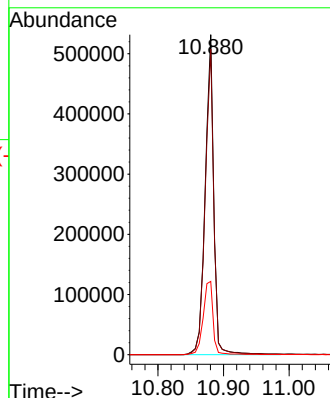
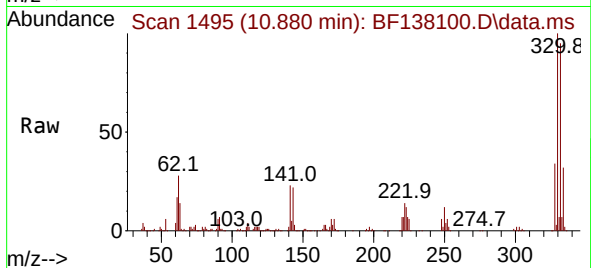
Tgt Ion:330 Resp: 483347

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 26.7 21.4 32.0



#45

2-Fluorobiphenyl

Concen: 82.273 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF138100.D

Acq: 03 Jun 2024 11:54

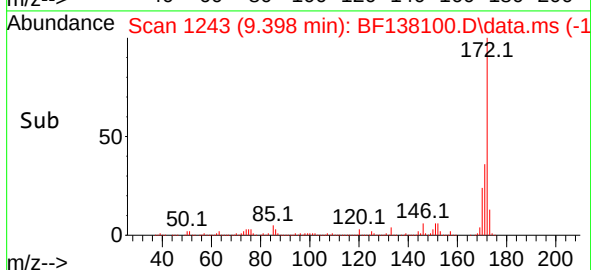
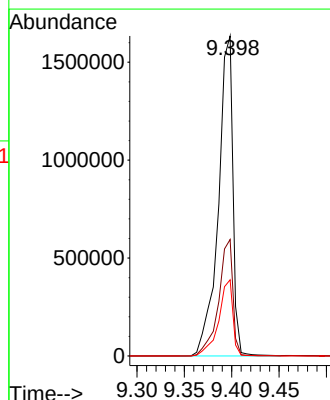
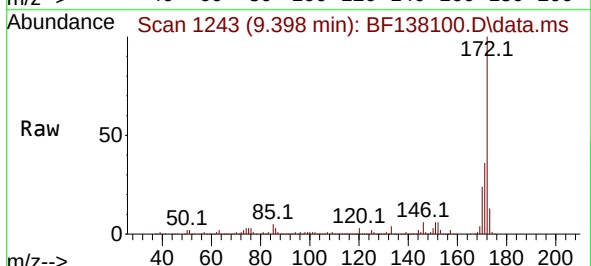
Tgt Ion:172 Resp: 1752088

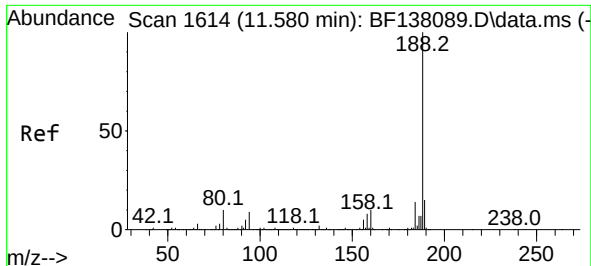
Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

170 23.8 18.6 28.0

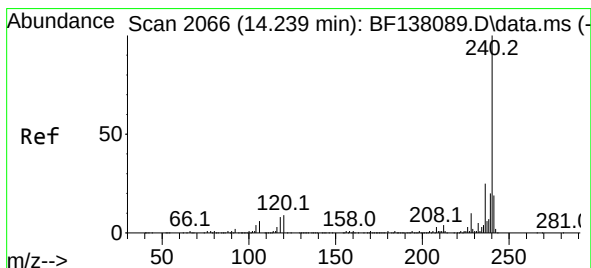
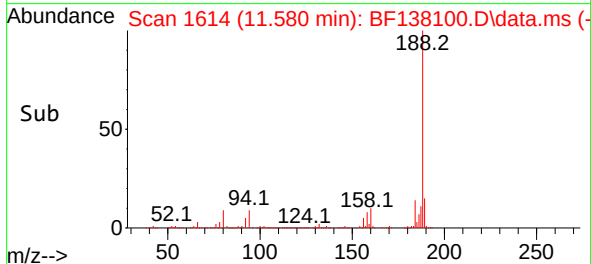
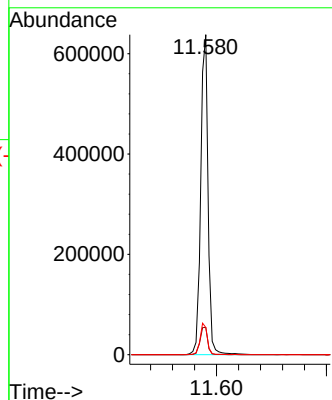
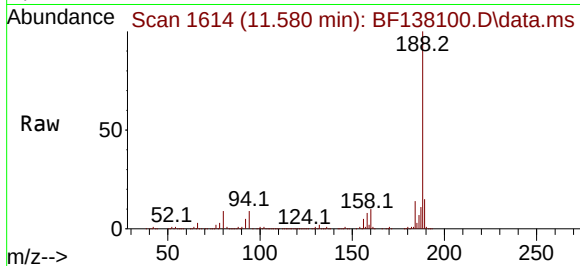




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF138100.D
Acq: 03 Jun 2024 11:54

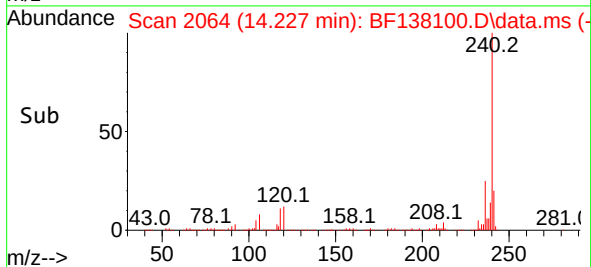
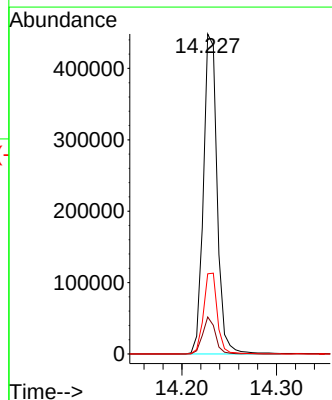
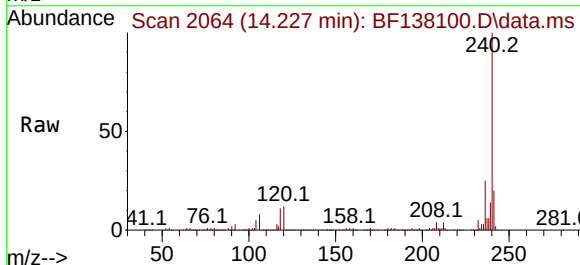
Instrument :
BNA_F
ClientSampleId :
PB161242BL

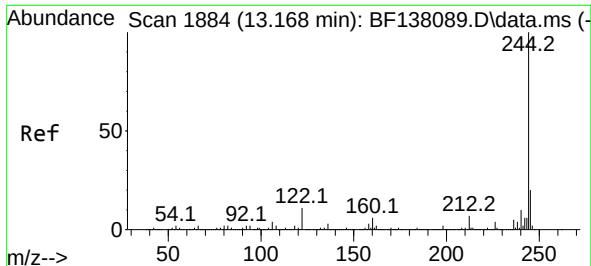
Tgt Ion:188 Resp: 592909
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.0
80 8.5 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.012 min
Lab File: BF138100.D
Acq: 03 Jun 2024 11:54

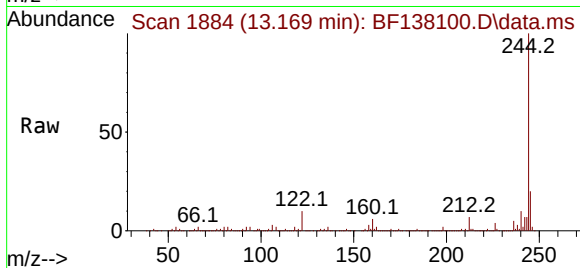
Tgt Ion:240 Resp: 452378
Ion Ratio Lower Upper
240 100
120 11.6 7.1 10.7#
236 25.0 20.4 30.6



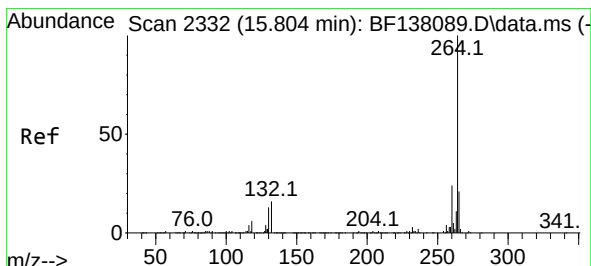
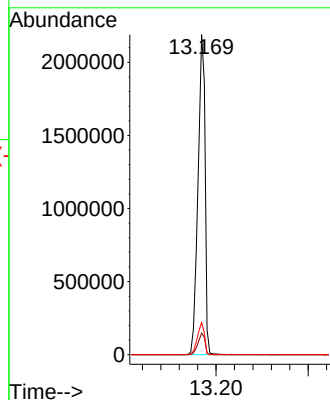
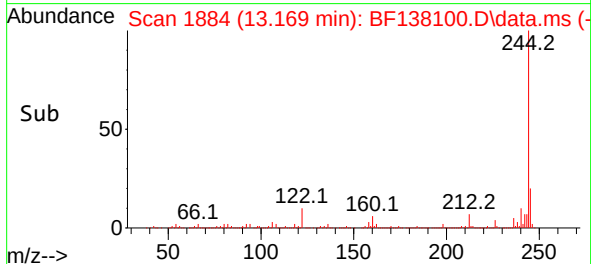


#79
 Terphenyl-d14
 Concen: 74.365 ng
 RT: 13.169 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: BF138100.D
 Acq: 03 Jun 2024 11:54

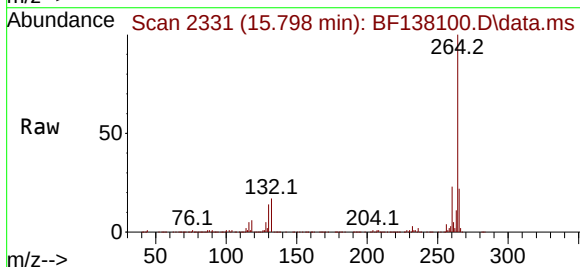
Instrument :
 BNA_F
 ClientSampleId :
 PB161242BL



Tgt Ion:244 Resp: 2325715
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.1 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: BF138100.D
 Acq: 03 Jun 2024 11:54



Tgt Ion:264 Resp: 390680
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.9 28.3
 265 22.2 16.7 25.1

