

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138097.D
 Acq On : 03 Jun 2024 10:27
 Operator : CG\JU
 Sample : PB161222BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161222BL

Quant Time: Jun 03 11:59:00 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	129487	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	513973	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	306303	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	577736	20.000	ng	0.00
76) Chrysene-d12	14.227	240	456712	20.000	ng	#-0.01
86) Perylene-d12	15.798	264	390844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1021889	141.077	ng	0.01
7) Phenol-d6	6.657	99	1246935	133.682	ng	0.00
23) Nitrobenzene-d5	7.598	82	765910	86.833	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	473122	132.421	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1725840	83.520	ng	0.00
79) Terphenyl-d14	13.169	244	2272086	71.961	ng	0.00

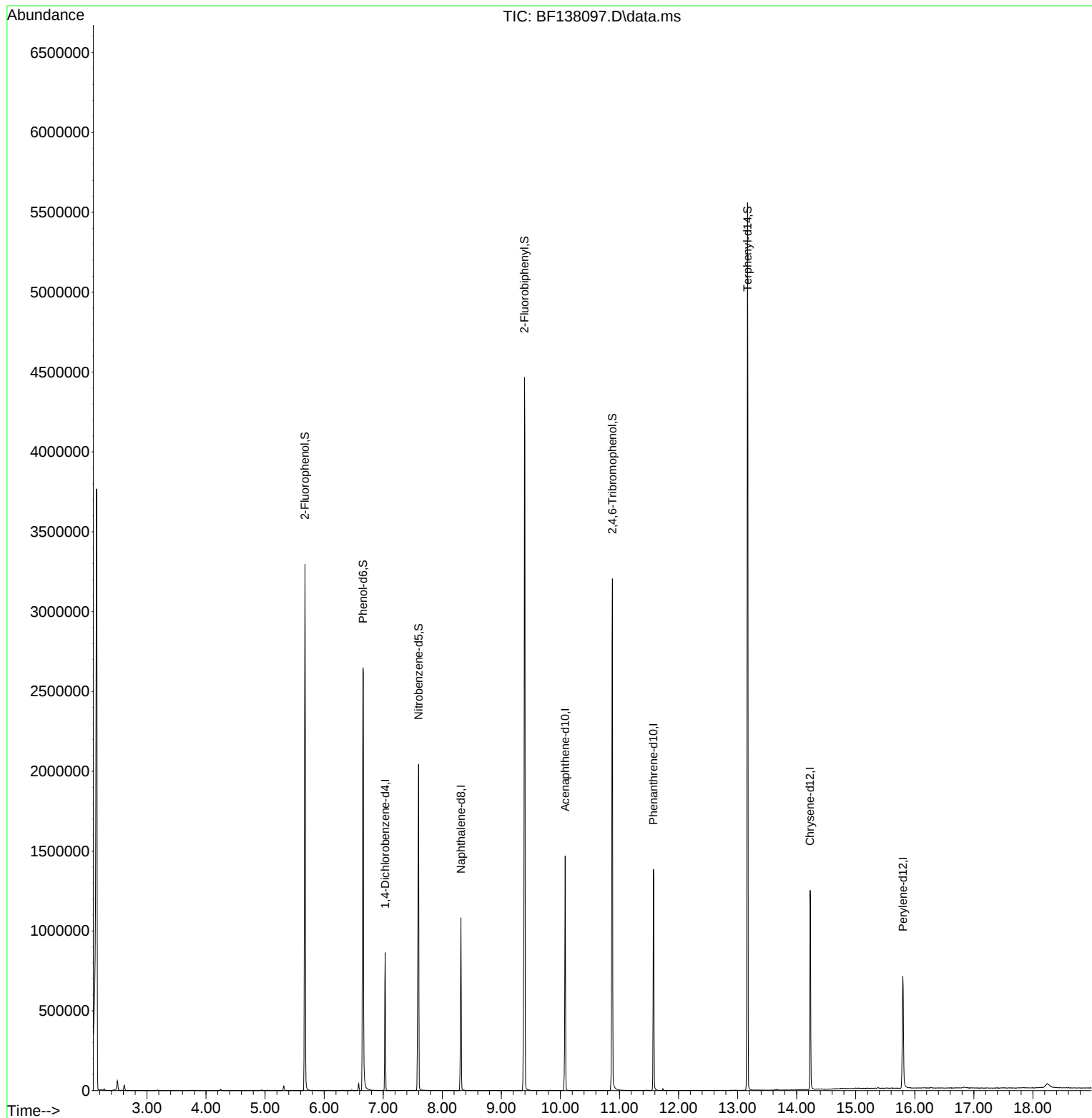
Target Compounds	Qvalue

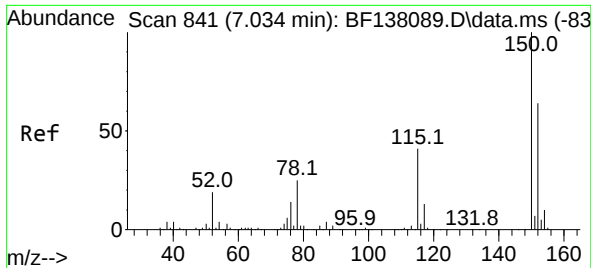
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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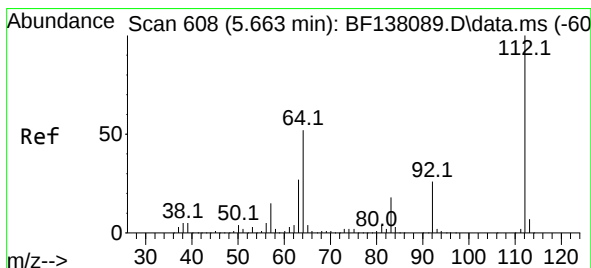
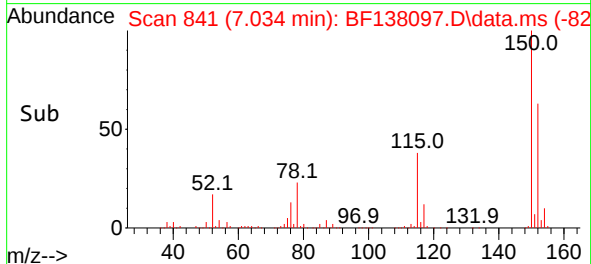
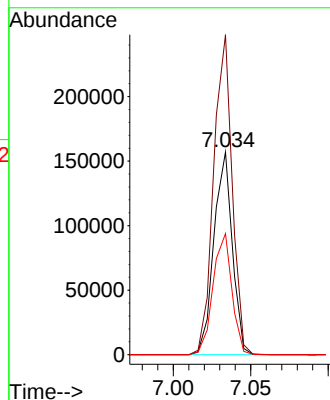
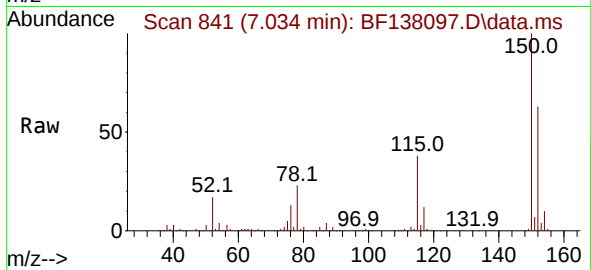




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

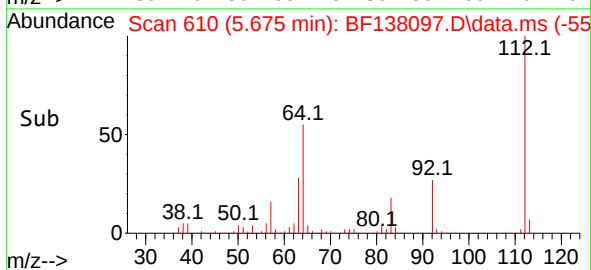
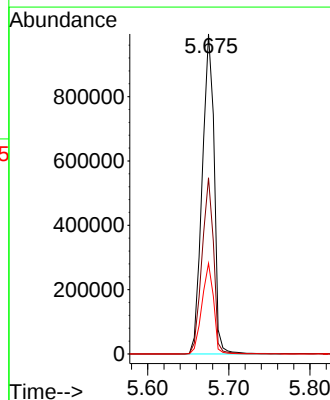
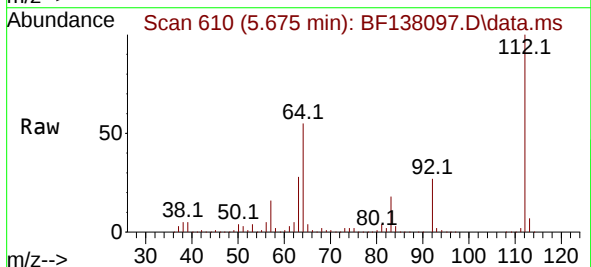
Instrument :
BNA_F
ClientSampleId :
PB161222BL

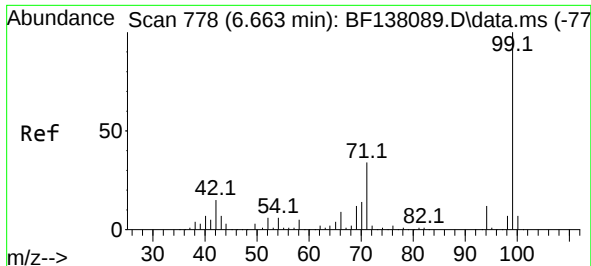
Tgt Ion:152 Resp: 129487
Ion Ratio Lower Upper
152 100
150 157.9 125.4 188.0
115 59.8 51.6 77.4



#5
2-Fluorophenol
Concen: 141.077 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

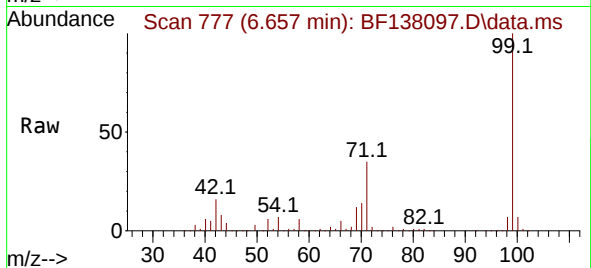
Tgt Ion:112 Resp: 1021889
Ion Ratio Lower Upper
112 100
64 55.0 41.4 62.2
63 28.3 21.5 32.3





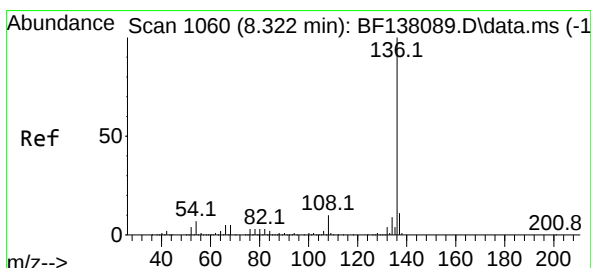
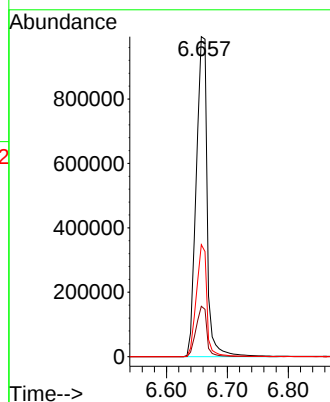
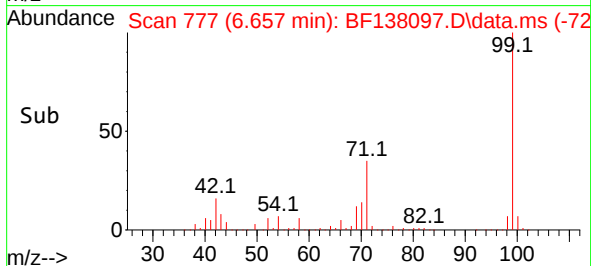
#7
Phenol-d6
Concen: 133.682 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

Instrument :
BNA_F
ClientSampleId :
PB161222BL

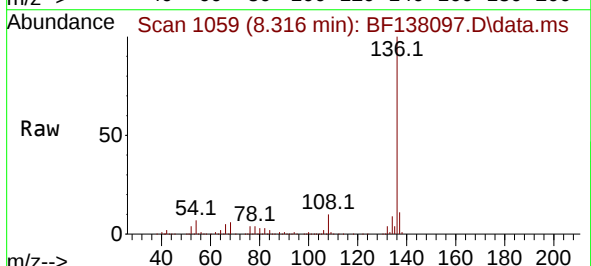


Tgt Ion: 99 Resp: 1246935

Ion	Ratio	Lower	Upper
99	100		
42	15.7	11.9	17.9
71	35.0	26.8	40.2

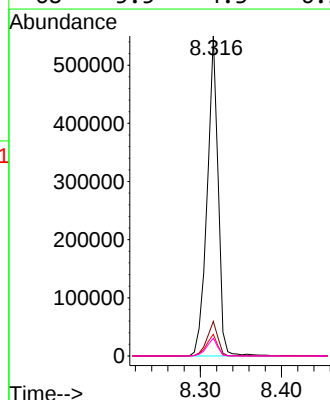
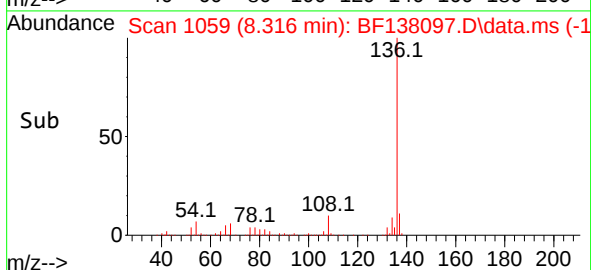


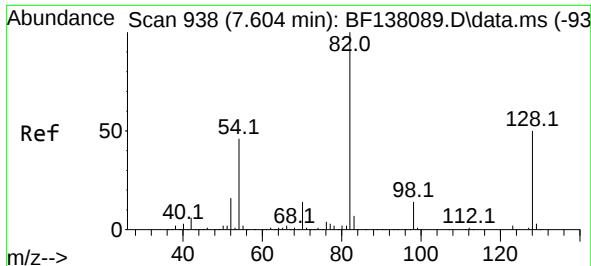
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27



Tgt Ion: 136 Resp: 513973

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.7	5.4	8.0
68	5.5	4.3	6.5

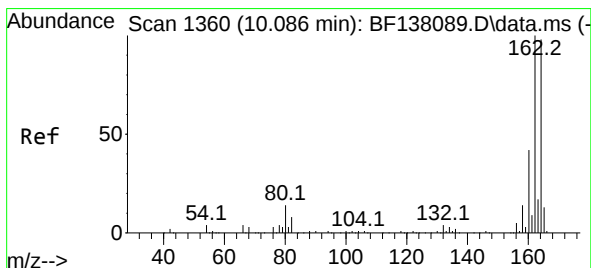
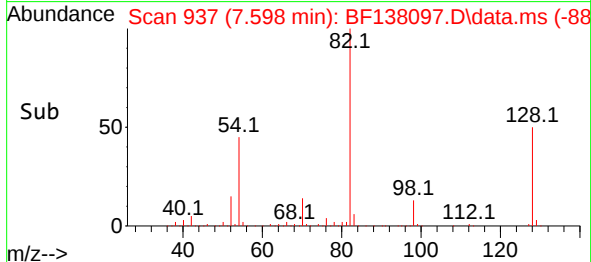
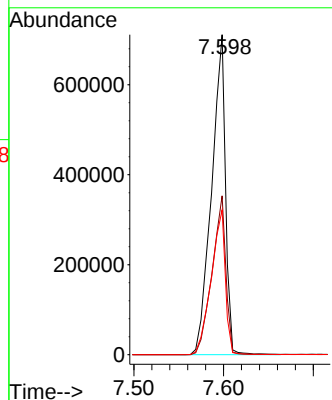
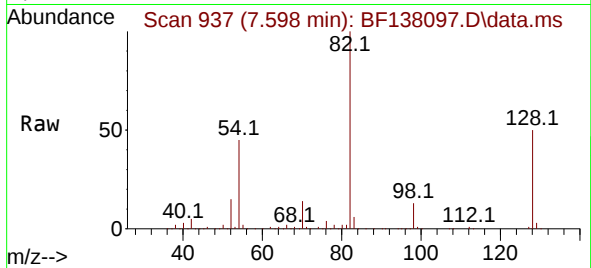




#23
Nitrobenzene-d5
Concen: 86.833 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

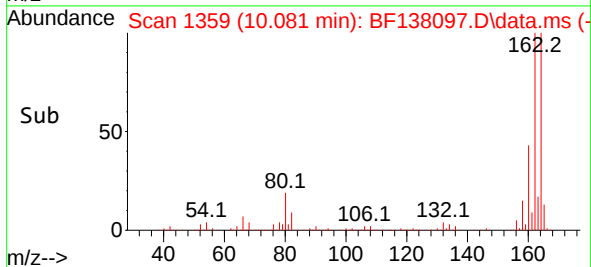
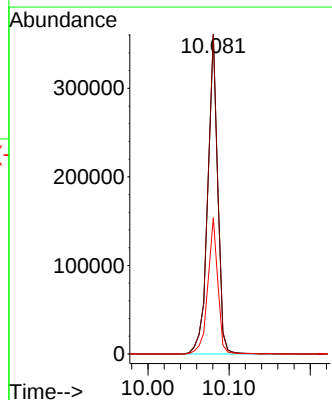
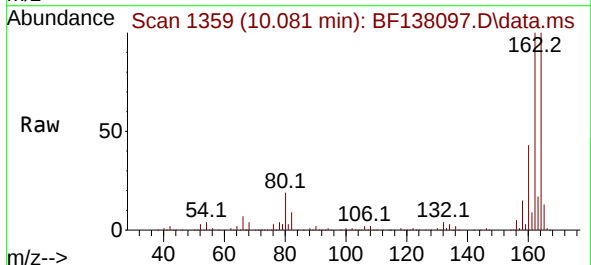
Instrument :
BNA_F
ClientSampleId :
PB161222BL

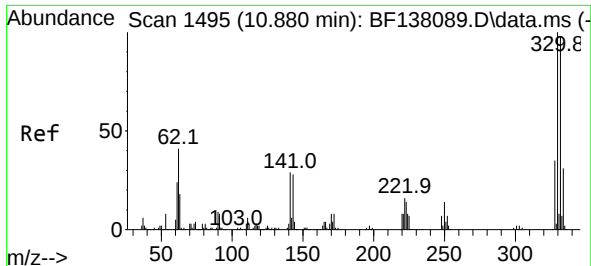
Tgt Ion: 82 Resp: 765910
Ion Ratio Lower Upper
82 100
128 49.7 39.9 59.9
54 45.3 37.0 55.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

Tgt Ion:164 Resp: 306303
Ion Ratio Lower Upper
164 100
162 100.2 81.7 122.5
160 42.7 34.5 51.7

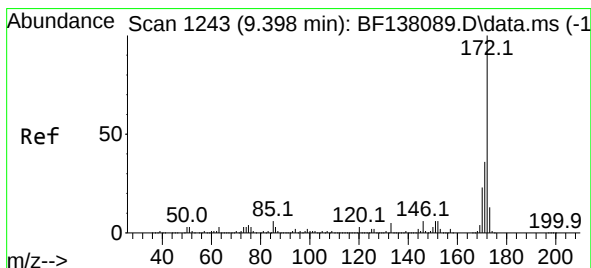
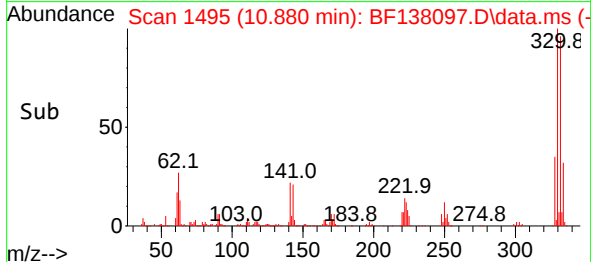
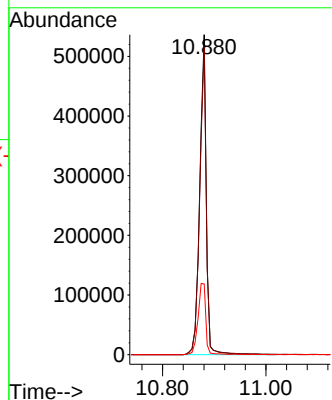
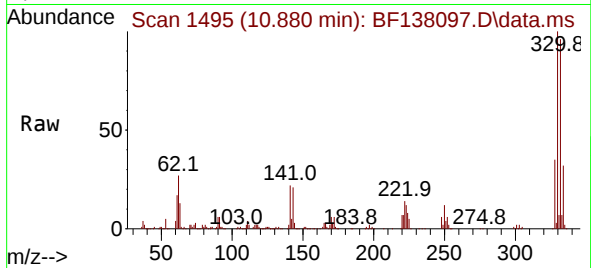




#42
2,4,6-Tribromophenol
Concen: 132.421 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

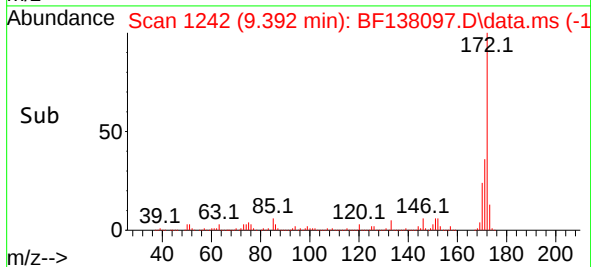
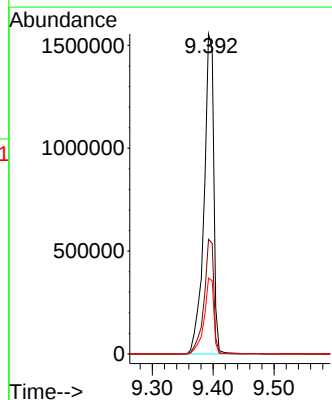
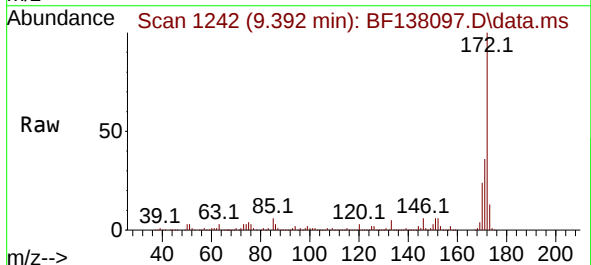
Instrument :
BNA_F
ClientSampleId :
PB161222BL

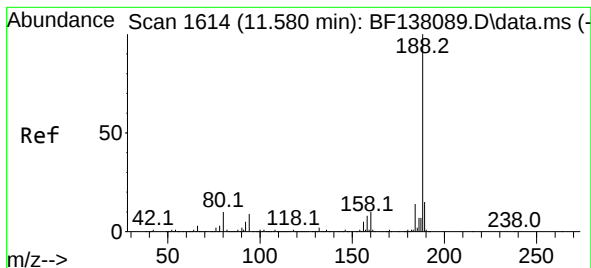
Tgt Ion:330 Resp: 473122
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 26.6 21.4 32.0



#45
2-Fluorobiphenyl
Concen: 83.520 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

Tgt Ion:172 Resp: 1725840
Ion Ratio Lower Upper
172 100
171 35.9 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: BF138097.D

Acq: 03 Jun 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB161222BL

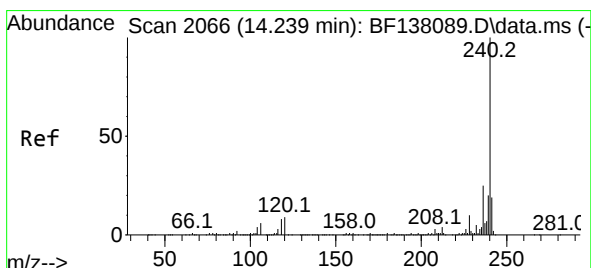
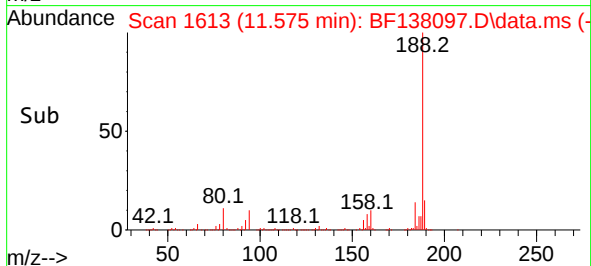
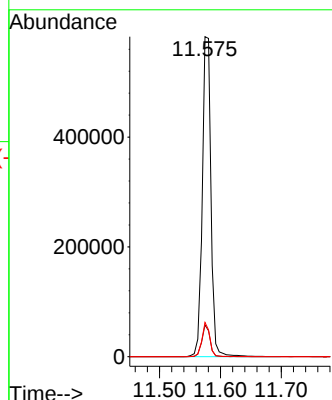
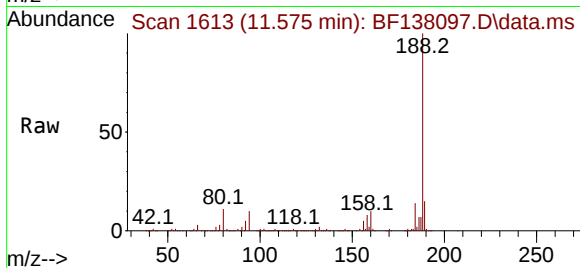
Tgt Ion:188 Resp: 577736

Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.0

80 10.7 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: BF138097.D

Acq: 03 Jun 2024 10:27

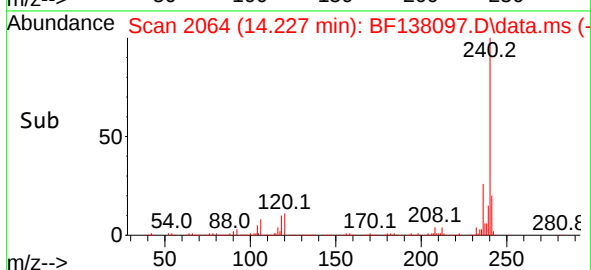
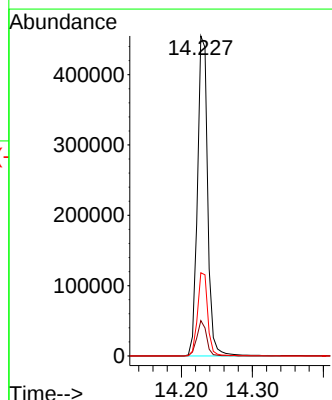
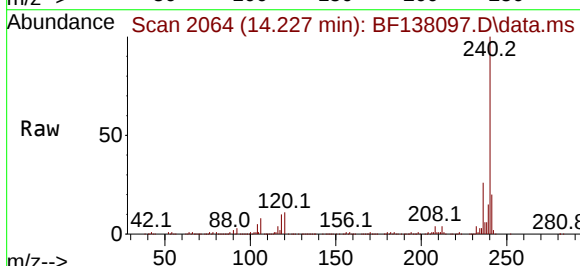
Tgt Ion:240 Resp: 456712

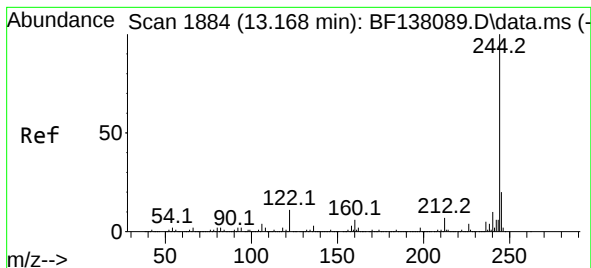
Ion Ratio Lower Upper

240 100

120 11.1 7.1 10.7#

236 26.0 20.4 30.6





#79

Terphenyl-d14

Concen: 71.961 ng

RT: 13.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138097.D

Acq: 03 Jun 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB161222BL

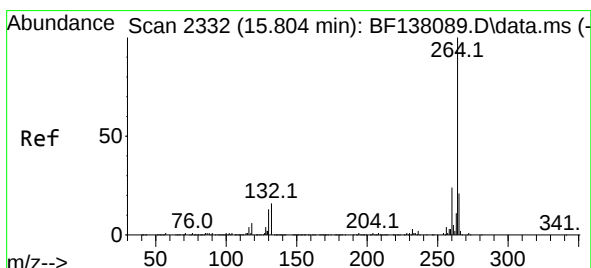
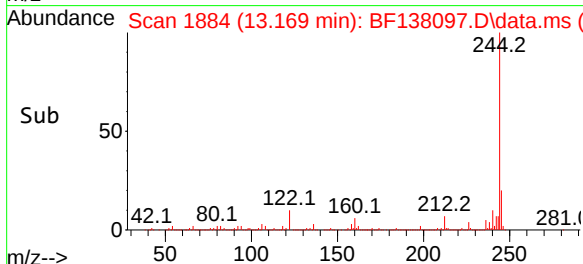
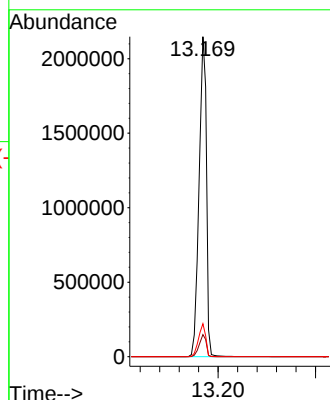
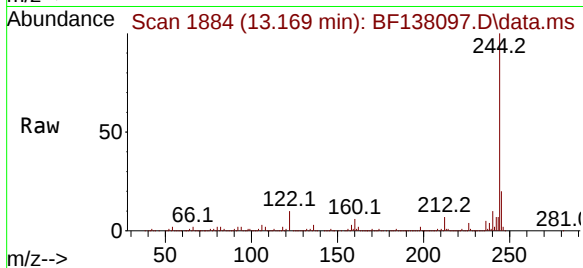
Tgt Ion:244 Resp: 2272086

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.3 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: BF138097.D

Acq: 03 Jun 2024 10:27

Tgt Ion:264 Resp: 390844

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.3 16.7 25.1

