

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138098.D
 Acq On : 03 Jun 2024 10:56
 Operator : CG\JU
 Sample : PB161236BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161236BL

Quant Time: Jun 03 11:59:42 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	128905	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	505293	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	306872	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	565267	20.000	ng	0.00
76) Chrysene-d12	14.227	240	442748	20.000	ng	#-0.01
86) Perylene-d12	15.798	264	378676	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1009478	139.993	ng	0.01
7) Phenol-d6	6.657	99	1239519	133.487	ng	0.00
23) Nitrobenzene-d5	7.598	82	755253	87.096	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	467116	130.498	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1699683	82.101	ng	0.00
79) Terphenyl-d14	13.169	244	2214876	72.362	ng	0.00

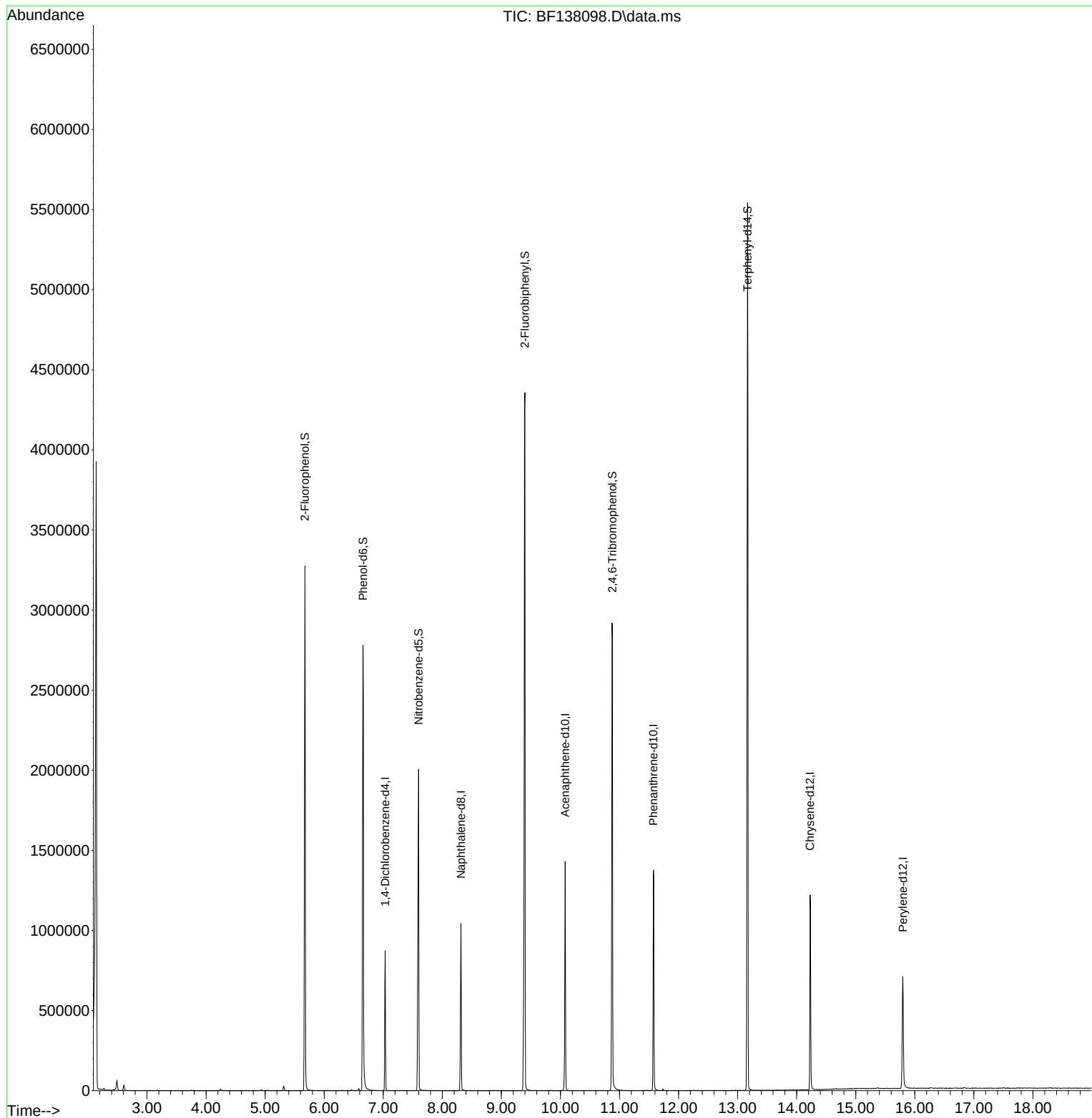
Target Compounds	Qvalue

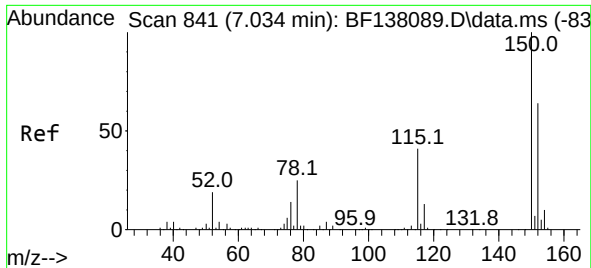
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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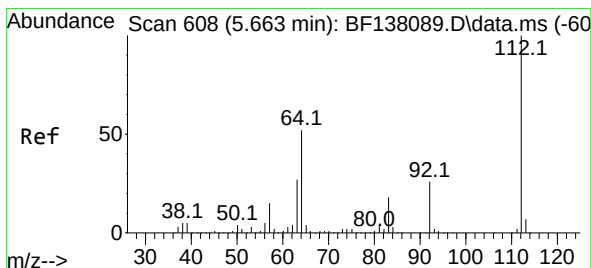
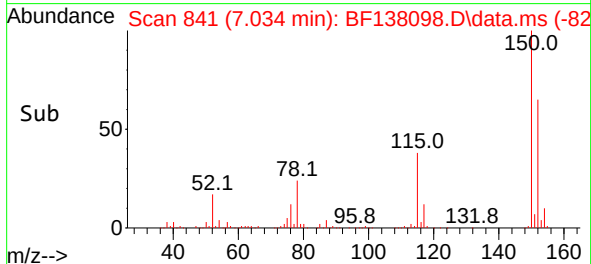
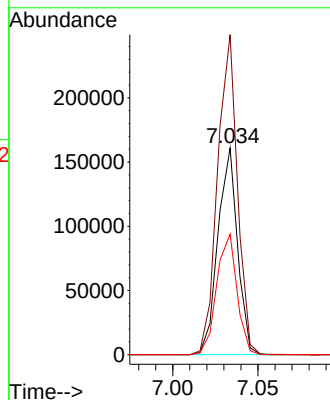
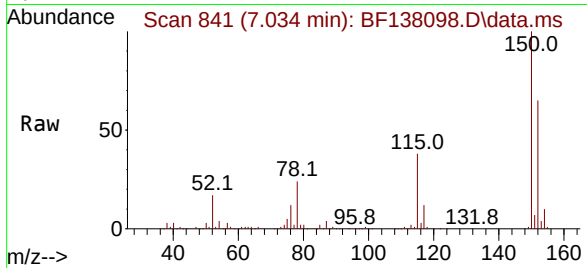




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138098.D
Acq: 03 Jun 2024 10:56

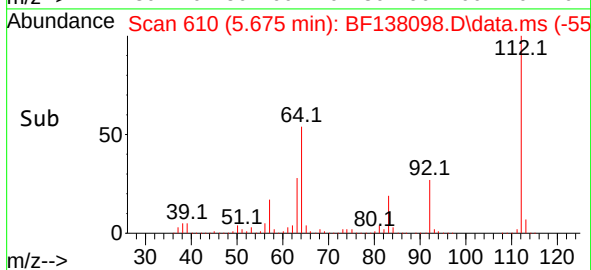
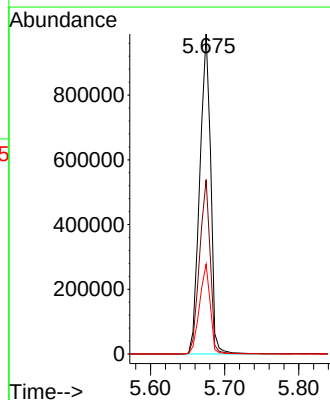
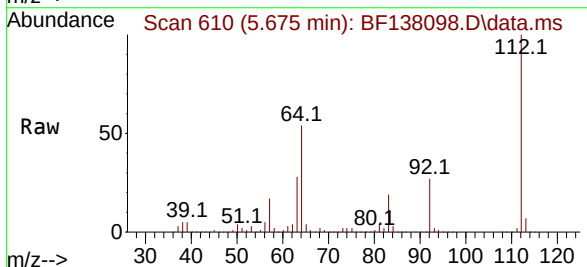
Instrument :
BNA_F
ClientSampleId :
PB161236BL

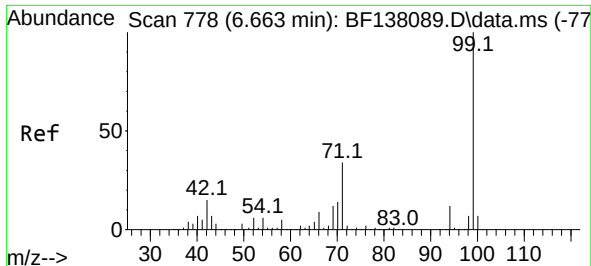
Tgt Ion:152 Resp: 128905
Ion Ratio Lower Upper
152 100
150 154.8 125.4 188.0
115 58.3 51.6 77.4



#5
2-Fluorophenol
Concen: 139.993 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138098.D
Acq: 03 Jun 2024 10:56

Tgt Ion:112 Resp: 1009478
Ion Ratio Lower Upper
112 100
64 54.5 41.4 62.2
63 28.1 21.5 32.3

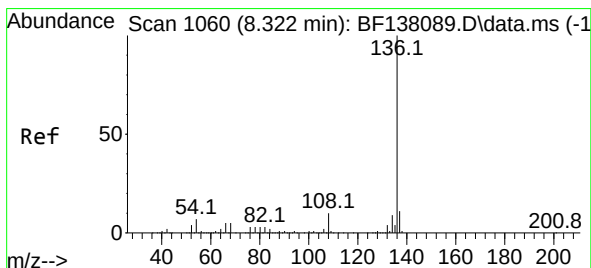
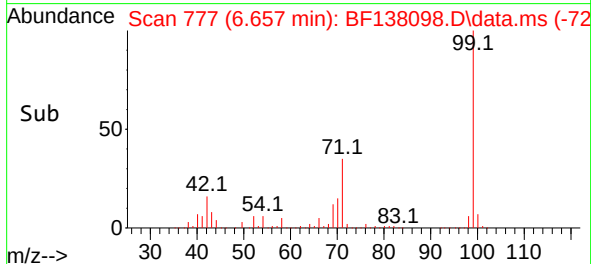
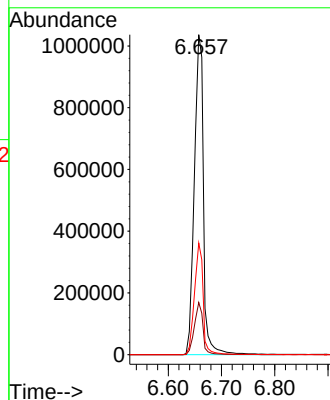
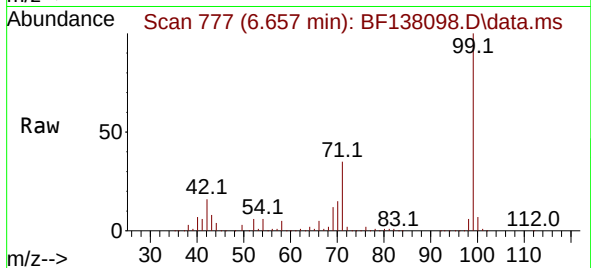




#7
Phenol-d6
Concen: 133.487 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138098.D
Acq: 03 Jun 2024 10:56

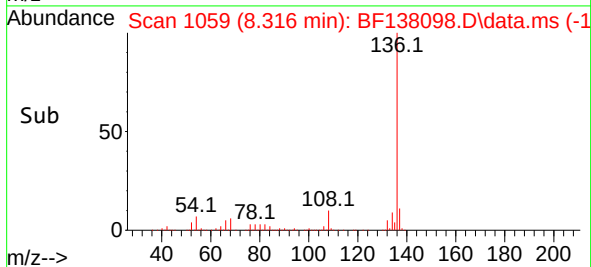
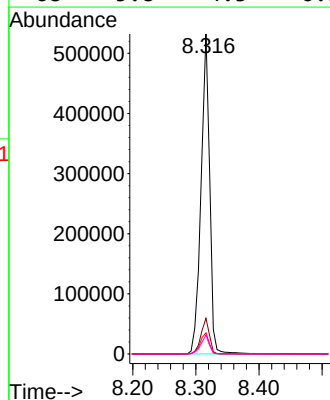
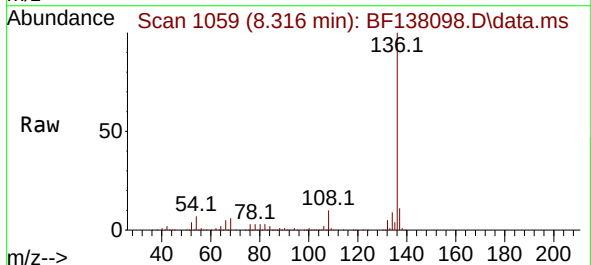
Instrument :
BNA_F
ClientSampleId :
PB161236BL

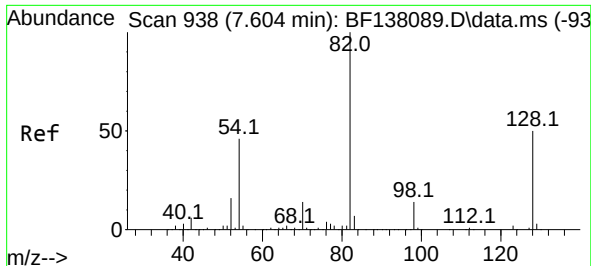
Tgt Ion: 99 Resp: 1239519
Ion Ratio Lower Upper
99 100
42 16.3 11.9 17.9
71 34.9 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF138098.D
Acq: 03 Jun 2024 10:56

Tgt Ion: 136 Resp: 505293
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 6.6 5.4 8.0
68 5.8 4.3 6.5





#23

Nitrobenzene-d5

Concen: 87.096 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138098.D

Acq: 03 Jun 2024 10:56

Instrument :

BNA_F

ClientSampleId :

PB161236BL

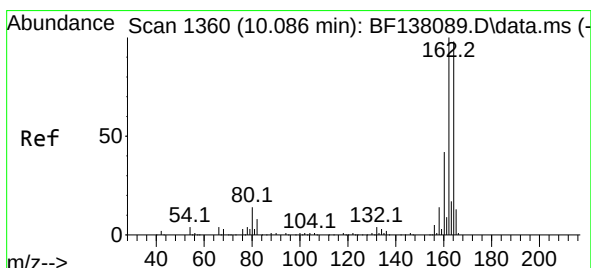
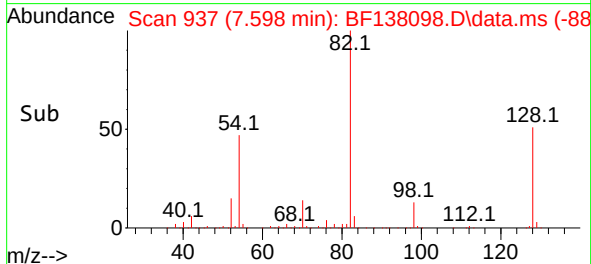
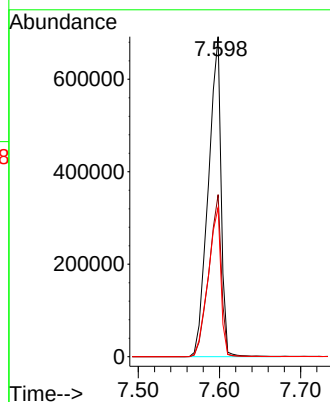
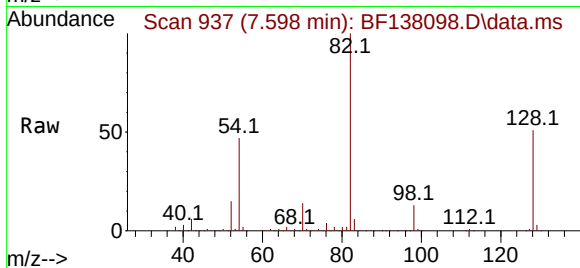
Tgt Ion: 82 Resp: 755253

Ion Ratio Lower Upper

82 100

128 50.6 39.9 59.9

54 46.6 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: BF138098.D

Acq: 03 Jun 2024 10:56

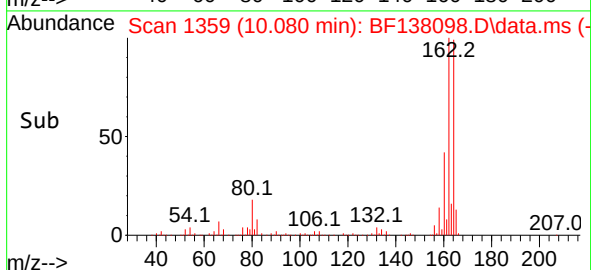
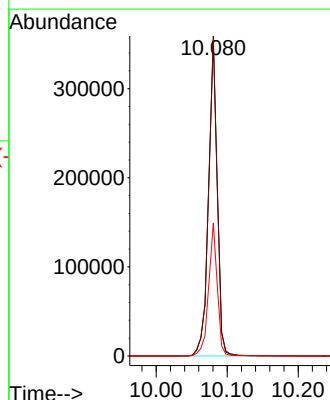
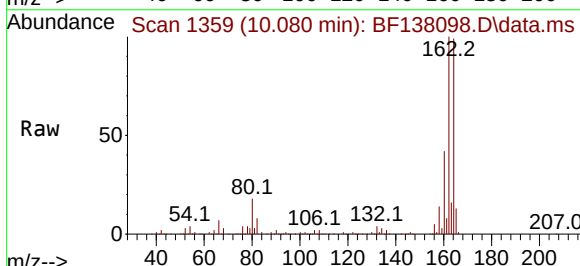
Tgt Ion:164 Resp: 306872

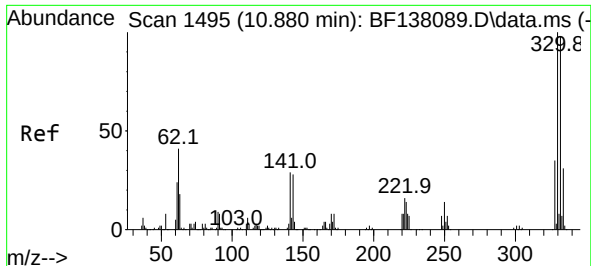
Ion Ratio Lower Upper

164 100

162 101.3 81.7 122.5

160 42.1 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 130.498 ng

RT: 10.880 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BF138098.D

Acq: 03 Jun 2024 10:56

Instrument :

BNA_F

ClientSampleId :

PB161236BL

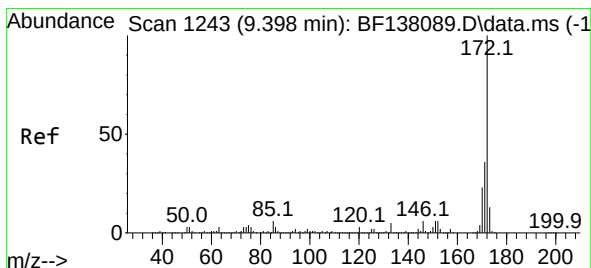
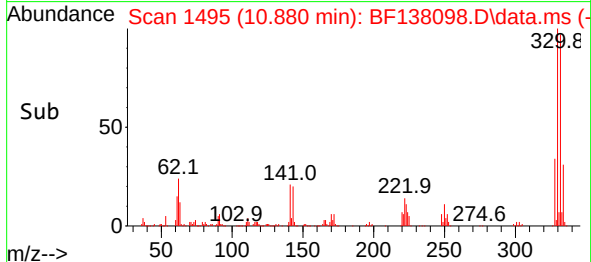
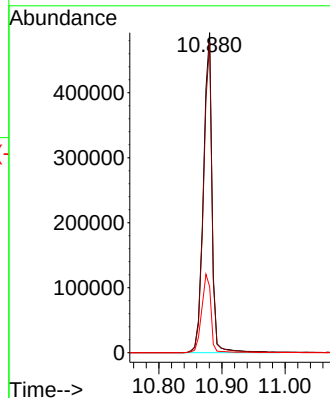
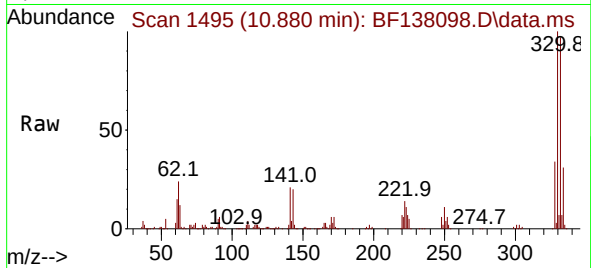
Tgt Ion:330 Resp: 467116

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 26.5 21.4 32.0



#45

2-Fluorobiphenyl

Concen: 82.101 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF138098.D

Acq: 03 Jun 2024 10:56

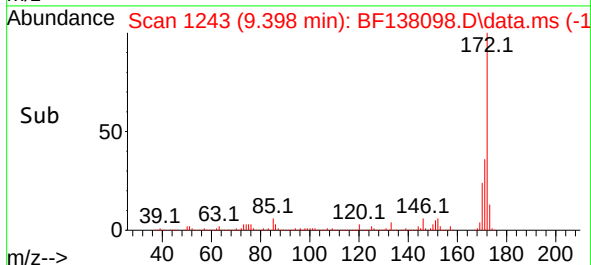
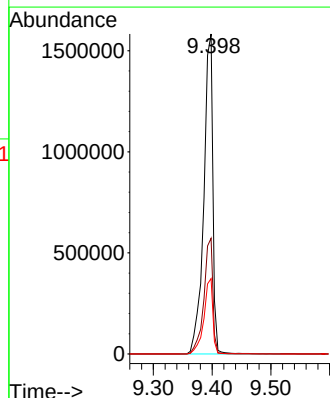
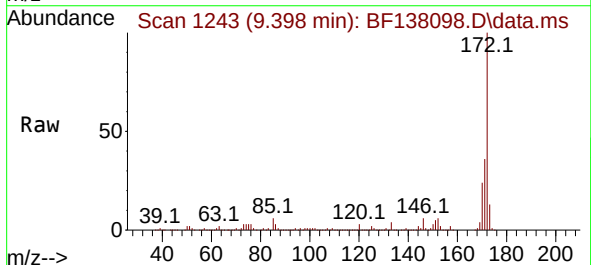
Tgt Ion:172 Resp: 1699683

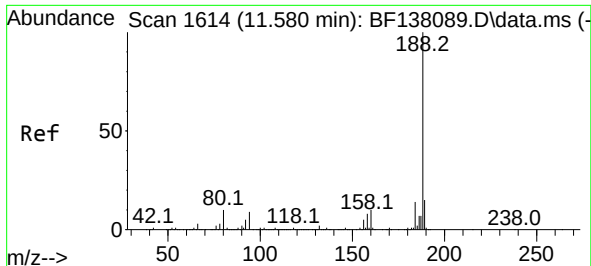
Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

170 23.6 18.6 28.0

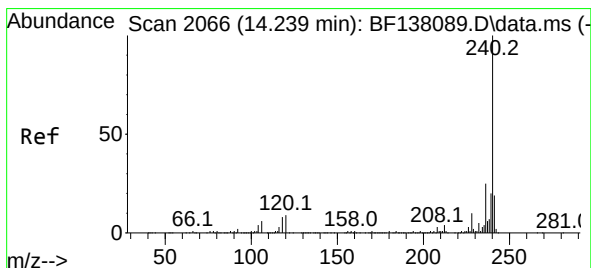
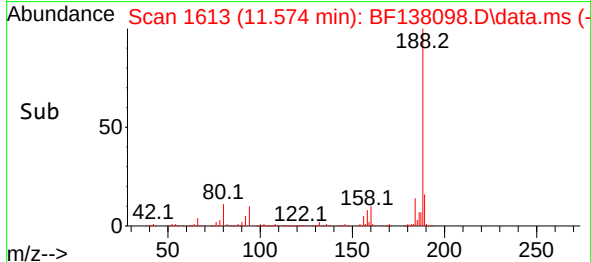
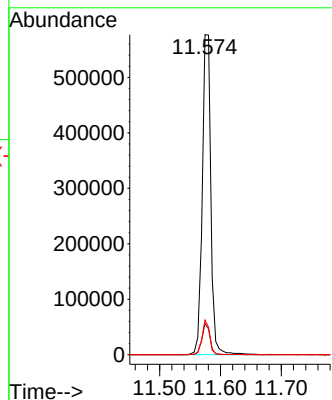
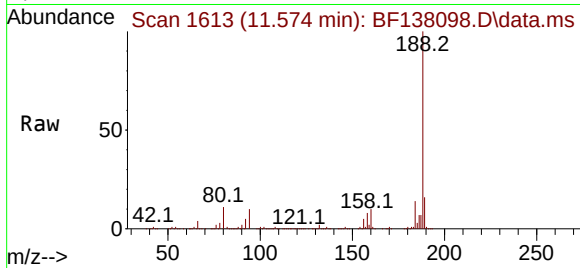




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138098.D
Acq: 03 Jun 2024 10:56

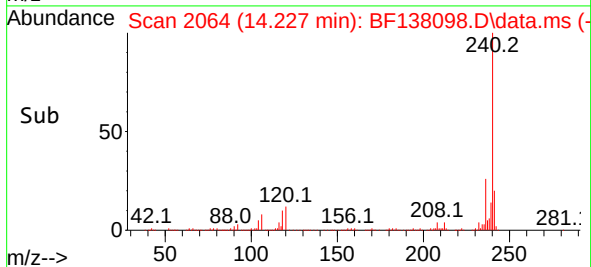
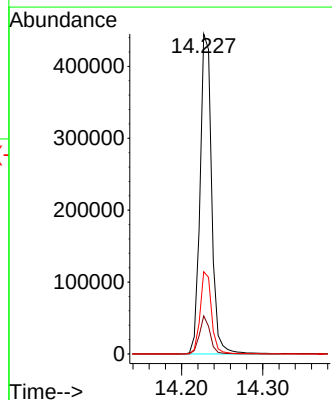
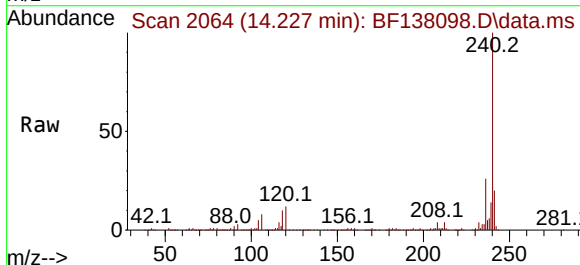
Instrument :
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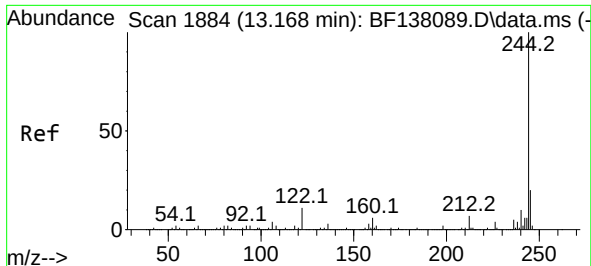
Tgt Ion:188 Resp: 565267
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.0
80 10.9 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.012 min
Lab File: BF138098.D
Acq: 03 Jun 2024 10:56

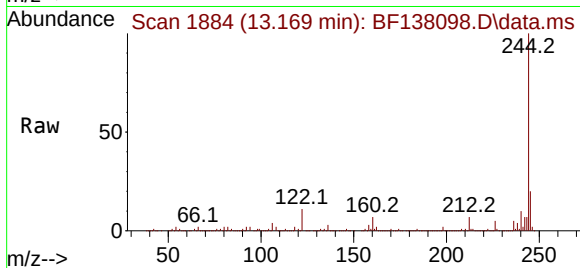
Tgt Ion:240 Resp: 442748
Ion Ratio Lower Upper
240 100
120 11.9 7.1 10.7#
236 25.7 20.4 30.6





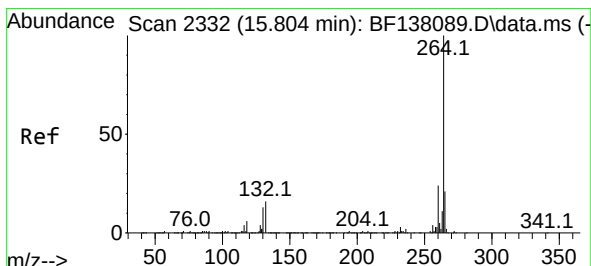
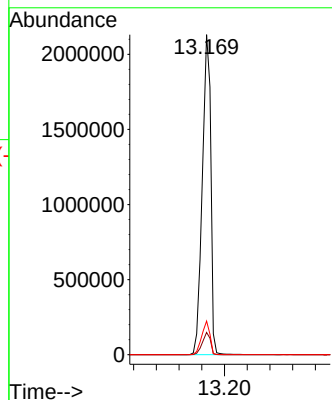
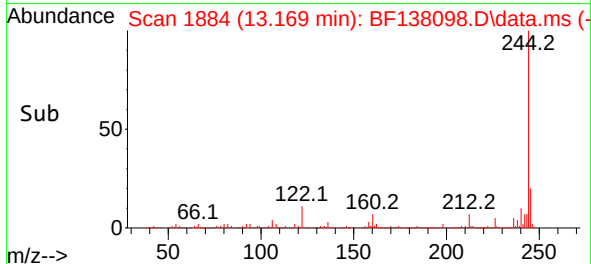
#79
 Terphenyl-d14
 Concen: 72.362 ng
 RT: 13.169 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: BF138098.D
 Acq: 03 Jun 2024 10:56

Instrument :
 BNA_F
 ClientSampleId :
 PB161236BL



Tgt Ion:244 Resp: 2214876

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	10.5	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: BF138098.D
 Acq: 03 Jun 2024 10:56

Tgt Ion:264 Resp: 378676

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.9	28.3
265	22.3	16.7	25.1

