

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
 Data File : BF138131.D
 Acq On : 06 Jun 2024 14:07
 Operator : CG\JU
 Sample : PB161335BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161335BL

Quant Time: Jun 06 14:31:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	501775	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1946318	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	1122630	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	2056654	20.000	ng	0.00
76) Chrysene-d12	14.063	240	1212535	20.000	ng	0.00
86) Perylene-d12	15.545	264	669188	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	3539719	120.224	ng	0.02
7) Phenol-d6	6.534	99	4429149	118.897	ng	0.00
23) Nitrobenzene-d5	7.469	82	2724905	95.255	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	1430234	132.382	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	5164609	80.441	ng	0.00
79) Terphenyl-d14	13.021	244	6102499	75.278	ng	0.00

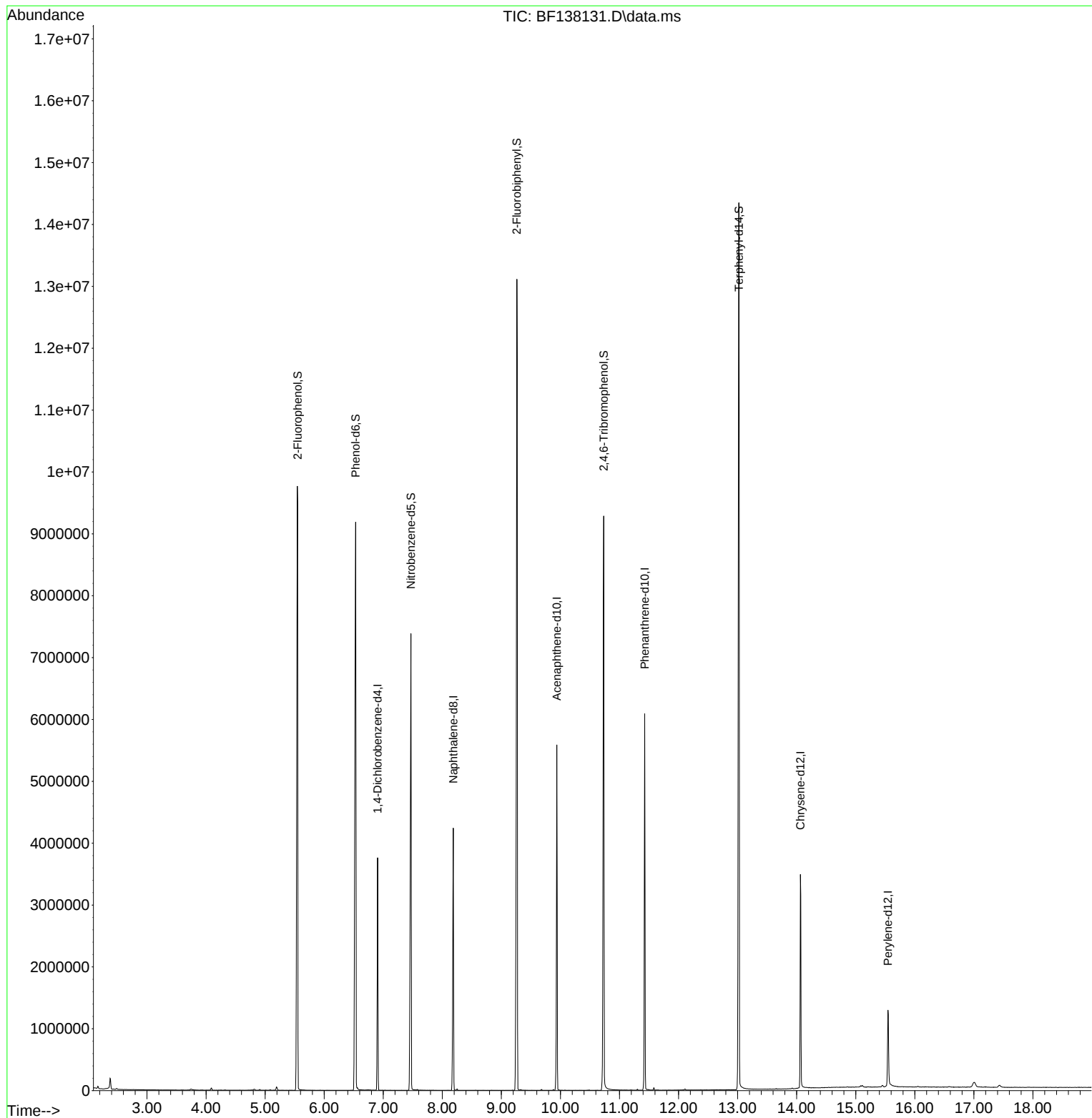
Target Compounds	Qvalue

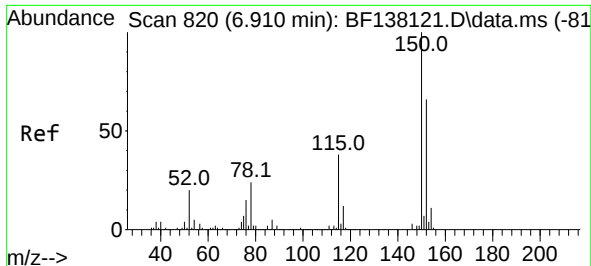
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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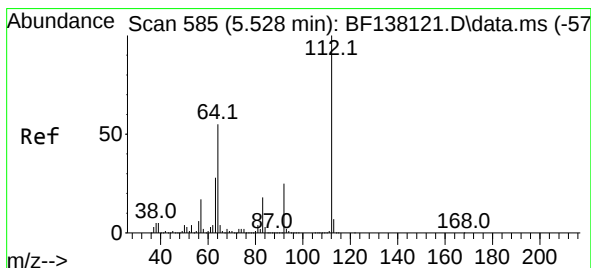
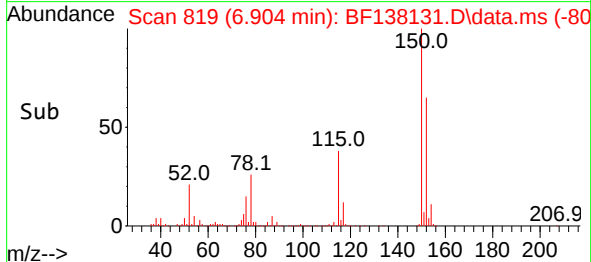
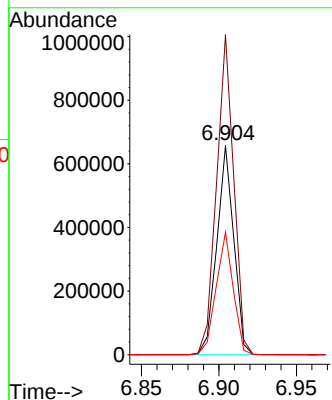
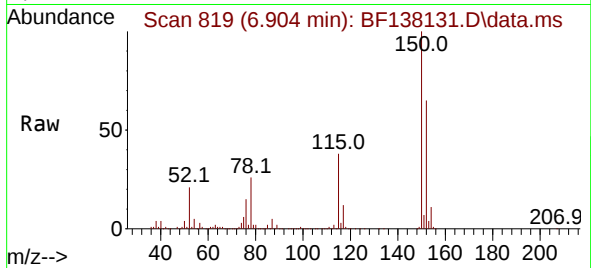




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF138131.D
Acq: 06 Jun 2024 14:07

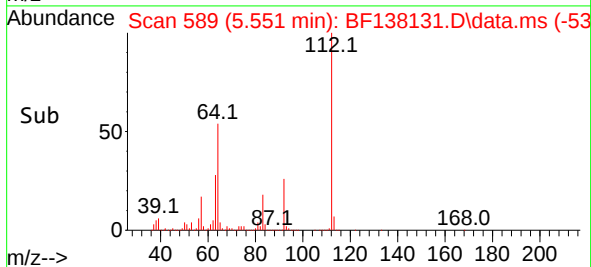
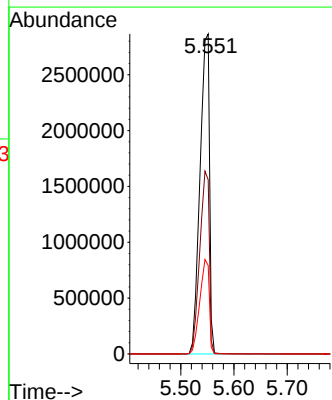
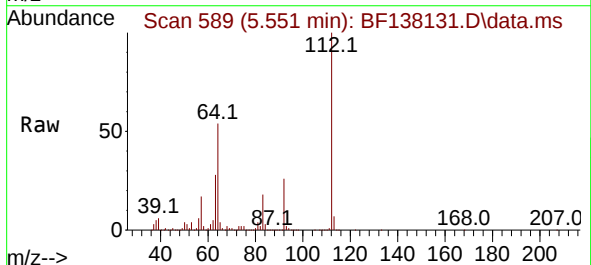
Instrument :
BNA_F
ClientSampleId :
PB161335BL

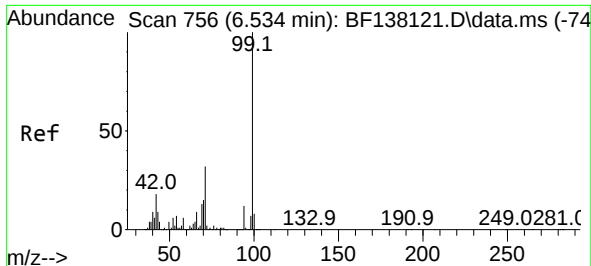
Tgt Ion:152 Resp: 501775
Ion Ratio Lower Upper
152 100
150 152.8 121.8 182.6
115 58.5 46.2 69.2



#5
2-Fluorophenol
Concen: 120.224 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.024 min
Lab File: BF138131.D
Acq: 06 Jun 2024 14:07

Tgt Ion:112 Resp: 3539719
Ion Ratio Lower Upper
112 100
64 54.4 44.0 66.0
63 27.7 22.1 33.1



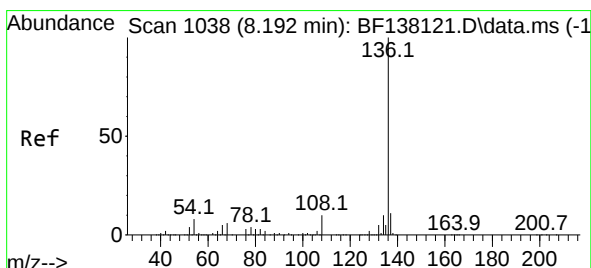
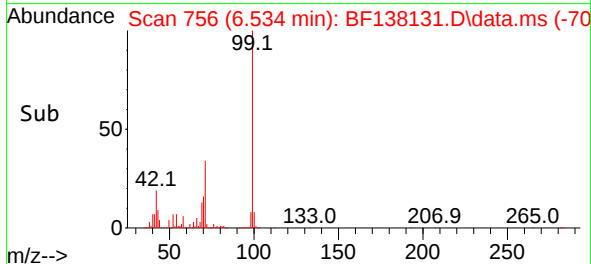
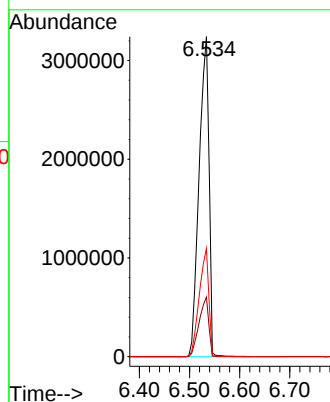
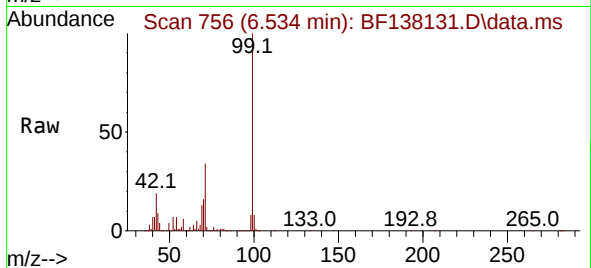


#7
Phenol-d6
Concen: 118.897 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138131.D
Acq: 06 Jun 2024 14:07

Instrument :
BNA_F
ClientSampleId :
PB161335BL

Tgt Ion: 99 Resp: 4429149

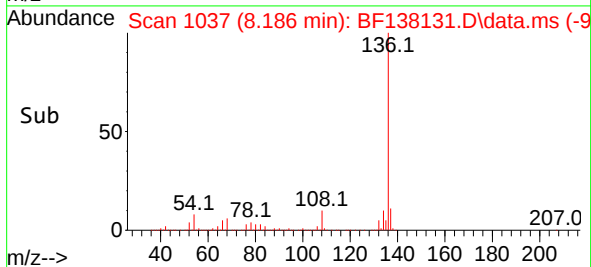
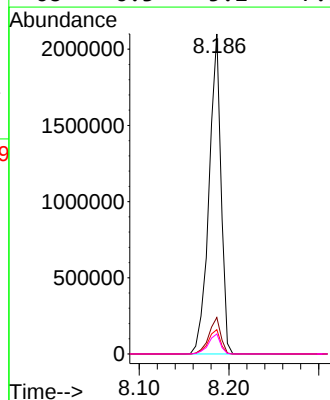
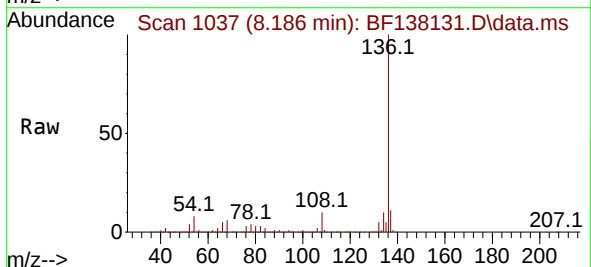
Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.4	21.6
71	33.8	25.5	38.3

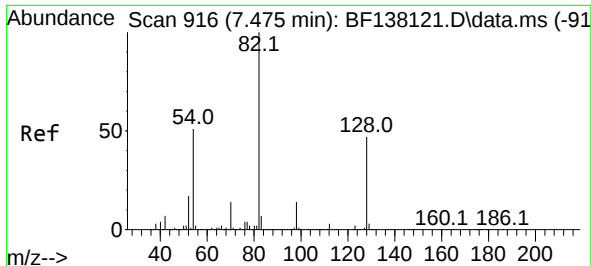


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138131.D
Acq: 06 Jun 2024 14:07

Tgt Ion: 136 Resp: 1946318

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.6	6.2	9.2
68	6.3	5.2	7.8





#23

Nitrobenzene-d5

Concen: 95.255 ng

RT: 7.469 min Scan# 916

Delta R.T. -0.006 min

Lab File: BF138131.D

Acq: 06 Jun 2024 14:07

Instrument :

BNA_F

ClientSampleId :

PB161335BL

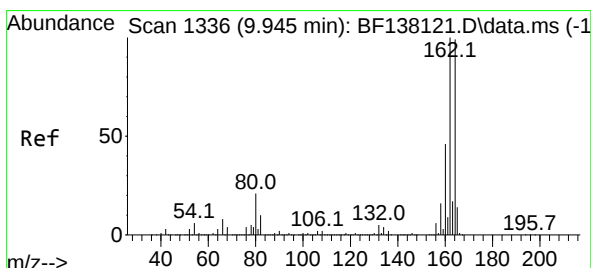
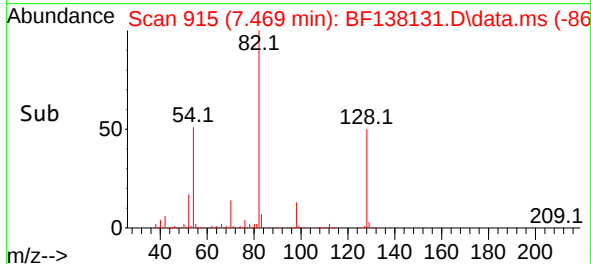
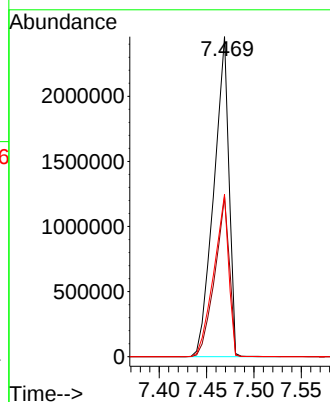
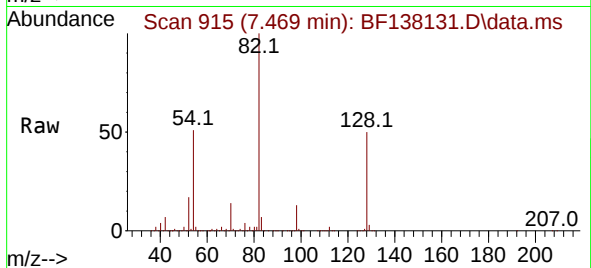
Tgt Ion: 82 Resp: 2724905

Ion Ratio Lower Upper

82 100

128 50.0 37.7 56.5

54 50.7 40.8 61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF138131.D

Acq: 06 Jun 2024 14:07

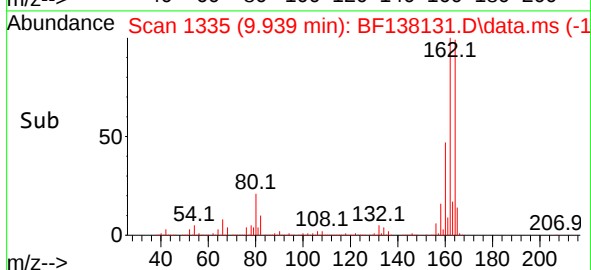
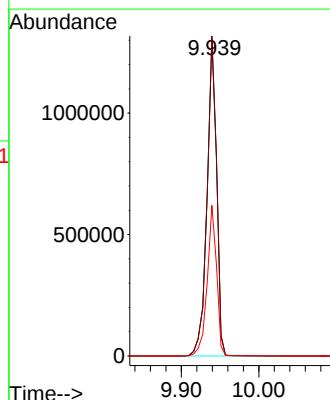
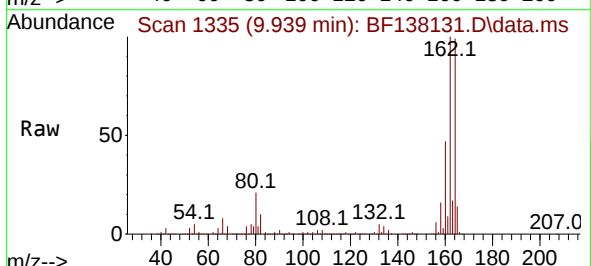
Tgt Ion: 164 Resp: 1122630

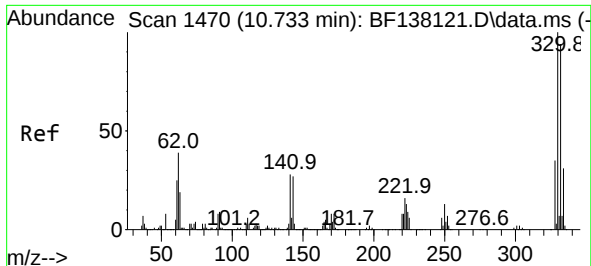
Ion Ratio Lower Upper

164 100

162 100.9 80.9 121.3

160 47.5 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 132.382 ng

RT: 10.733 min Scan# 1470

Delta R.T. 0.000 min

Lab File: BF138131.D

Acq: 06 Jun 2024 14:07

Instrument :

BNA_F

ClientSampleId :

PB161335BL

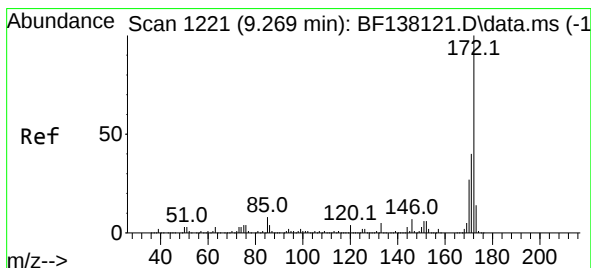
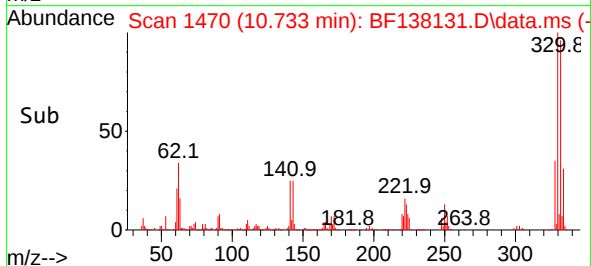
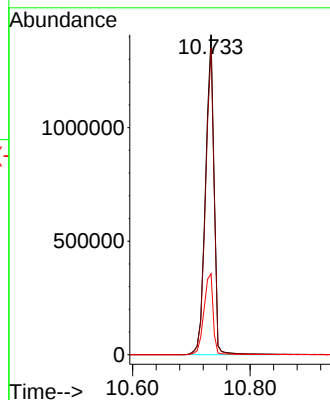
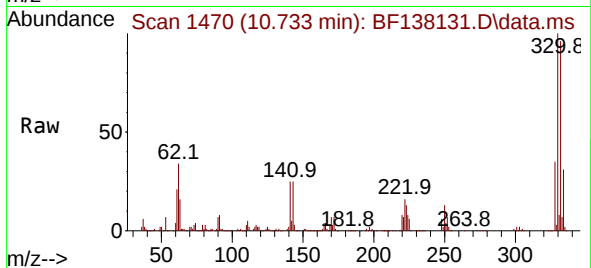
Tgt Ion:330 Resp: 1430234

Ion Ratio Lower Upper

330 100

332 96.0 75.8 113.8

141 27.3 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 80.441 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138131.D

Acq: 06 Jun 2024 14:07

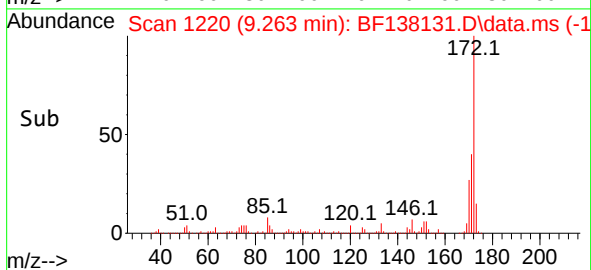
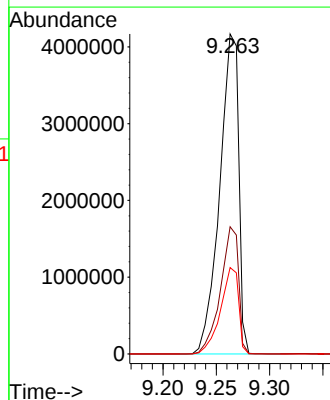
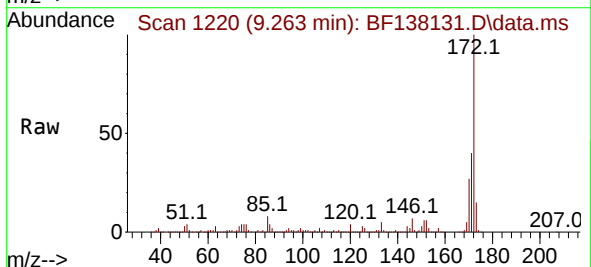
Tgt Ion:172 Resp: 5164609

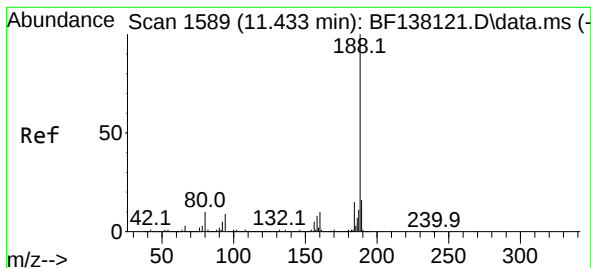
Ion Ratio Lower Upper

172 100

171 39.7 31.6 47.4

170 27.0 21.4 32.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138131.D

Acq: 06 Jun 2024 14:07

Instrument :

BNA_F

ClientSampleId :

PB161335BL

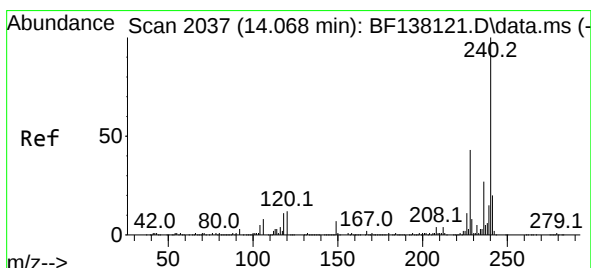
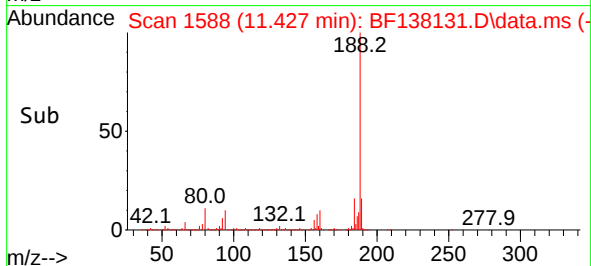
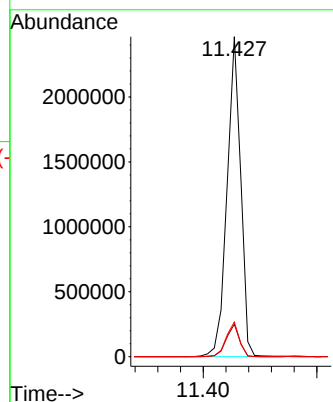
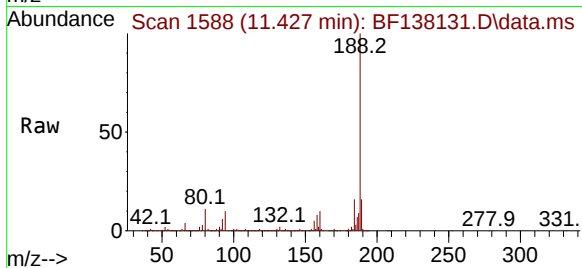
Tgt Ion:188 Resp: 2056654

Ion Ratio Lower Upper

188 100

94 10.2 7.4 11.2

80 10.8 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.005 min

Lab File: BF138131.D

Acq: 06 Jun 2024 14:07

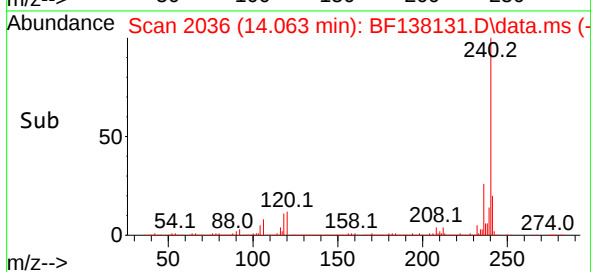
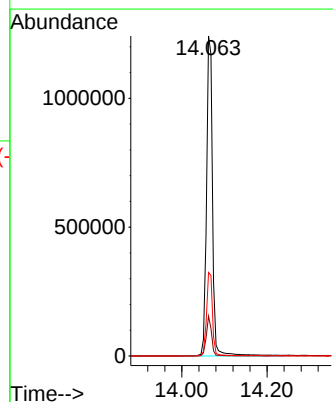
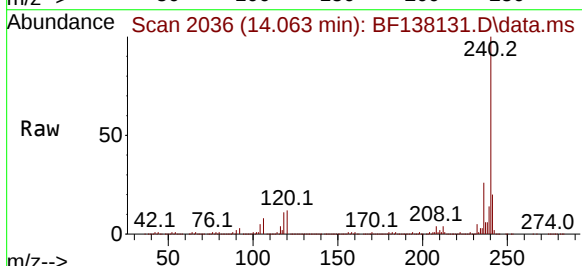
Tgt Ion:240 Resp: 1212535

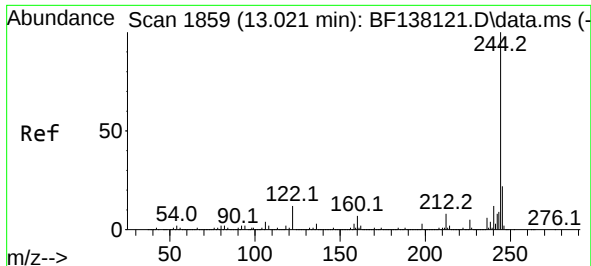
Ion Ratio Lower Upper

240 100

120 12.5 9.8 14.8

236 26.1 21.2 31.8

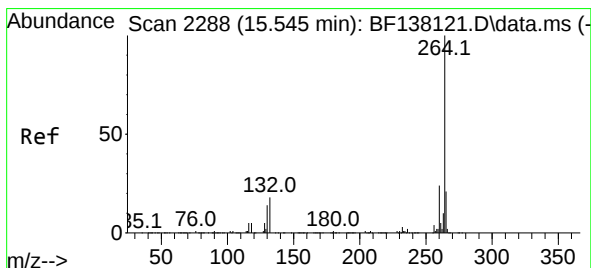
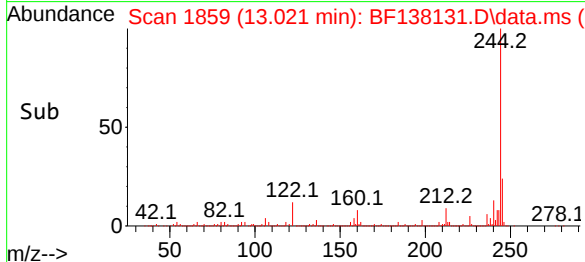
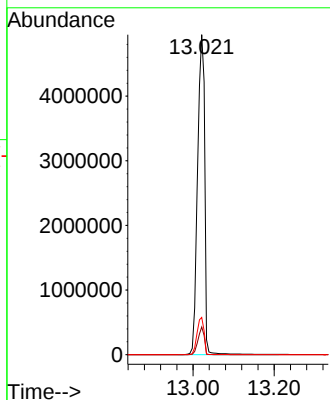
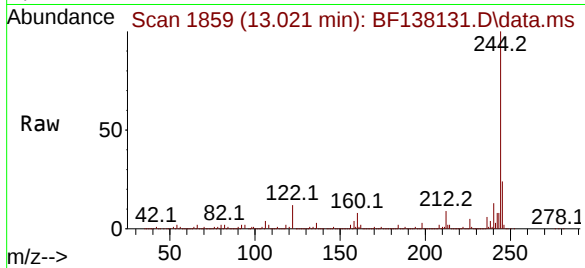




#79
 Terphenyl-d14
 Concen: 75.278 ng
 RT: 13.021 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: BF138131.D
 Acq: 06 Jun 2024 14:07

Instrument :
 BNA_F
 ClientSampleId :
 PB161335BL

Tgt Ion:244 Resp: 6102499
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.4 9.6
 122 11.7 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. 0.000 min
 Lab File: BF138131.D
 Acq: 06 Jun 2024 14:07

Tgt Ion:264 Resp: 669188
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.4 17.1 25.7

