

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072224\
 Data File : BF138603.D
 Acq On : 22 Jul 2024 12:40
 Operator : RC/JU
 Sample : PB162093TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162093TB

Quant Time: Jul 22 13:07:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	83332	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	332437	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	182766	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	312141	20.000	ng	0.00
76) Chrysene-d12	14.015	240	193398	20.000	ng	-0.01
86) Perylene-d12	15.486	264	155993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	701589	133.340	ng	0.00
7) Phenol-d6	6.492	99	935328	133.626	ng	-0.01
23) Nitrobenzene-d5	7.422	82	617563	91.208	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	215335	126.065	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1028709	87.969	ng	-0.01
79) Terphenyl-d14	12.969	244	1089644	91.788	ng	0.00

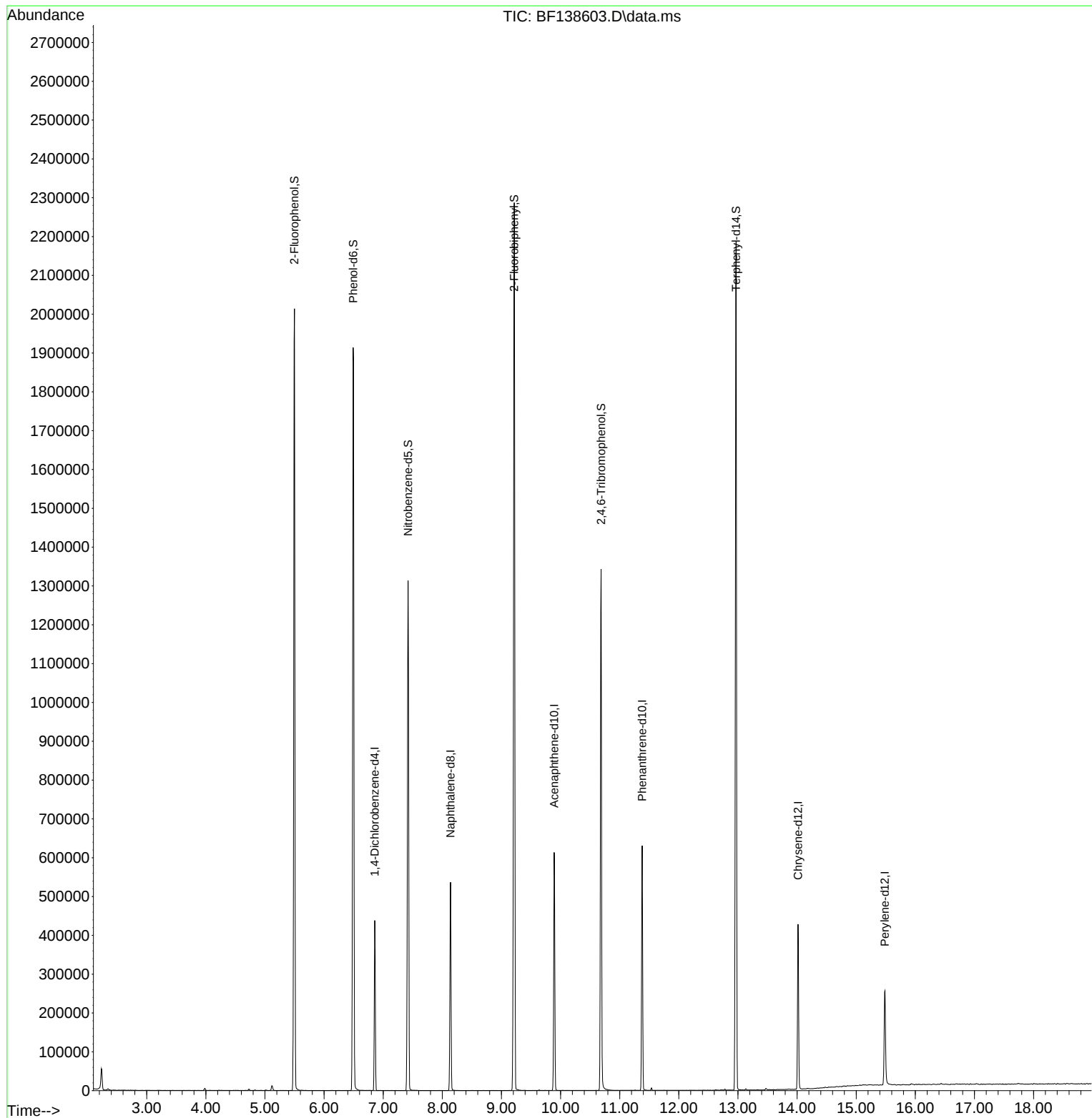
Target Compounds	Qvalue

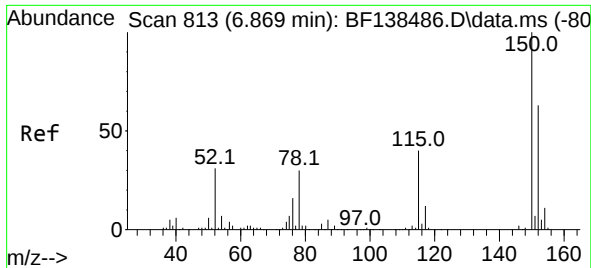
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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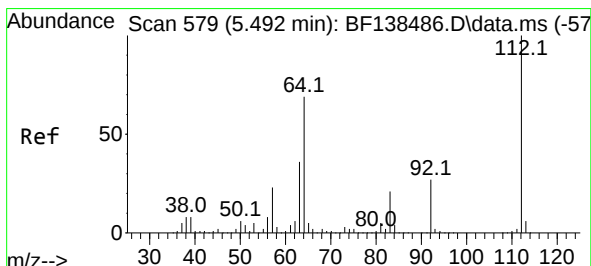
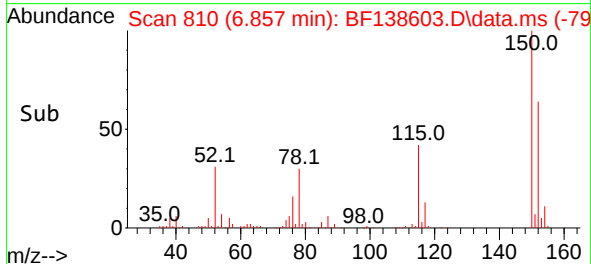
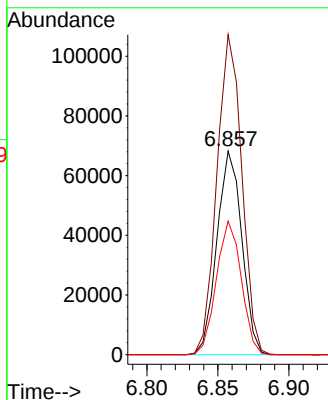
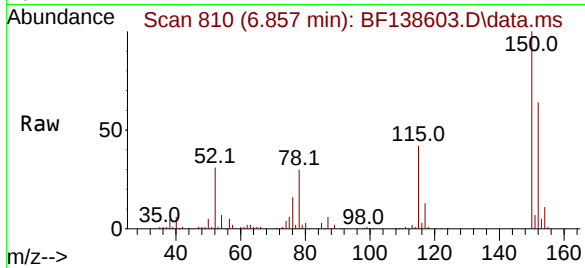




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138603.D
Acq: 22 Jul 2024 12:40

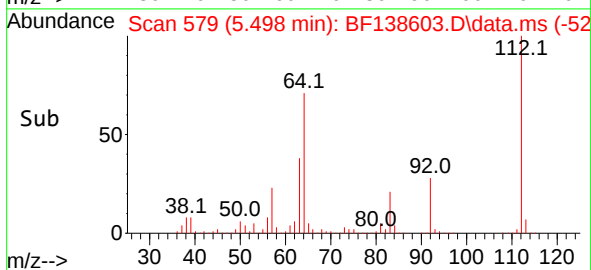
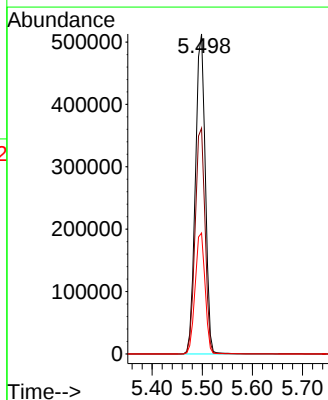
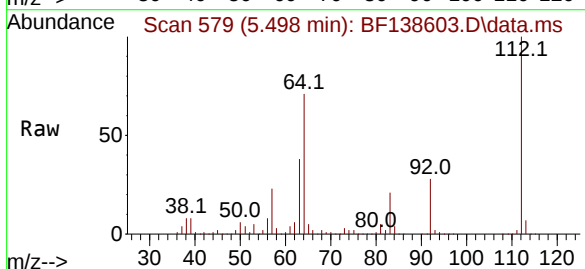
Instrument :
BNA_F
ClientSampleId :
PB162093TB

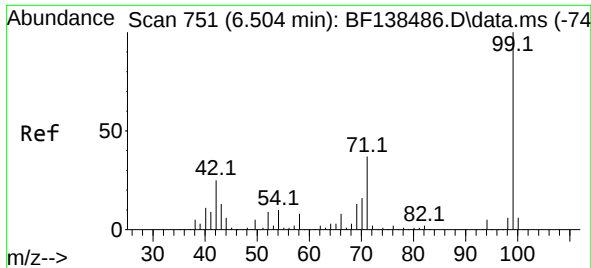
Tgt Ion:152 Resp: 83332
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.4
115 65.6 50.3 75.5



#5
2-Fluorophenol
Concen: 133.340 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF138603.D
Acq: 22 Jul 2024 12:40

Tgt Ion:112 Resp: 701589
Ion Ratio Lower Upper
112 100
64 70.5 55.1 82.7
63 37.8 29.0 43.6

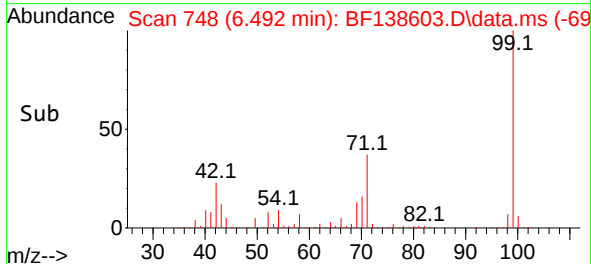
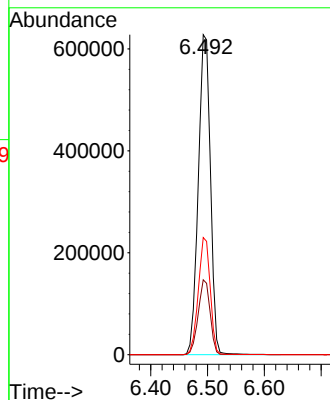
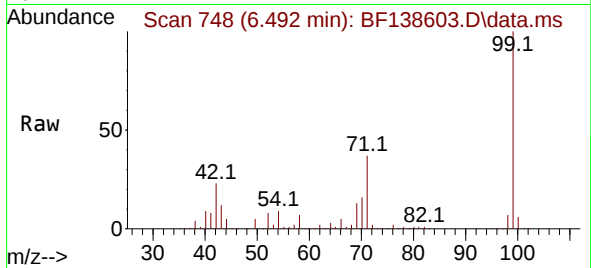




#7
Phenol-d6
Concen: 133.626 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138603.D
Acq: 22 Jul 2024 12:40

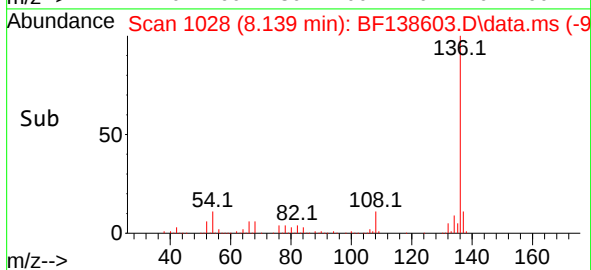
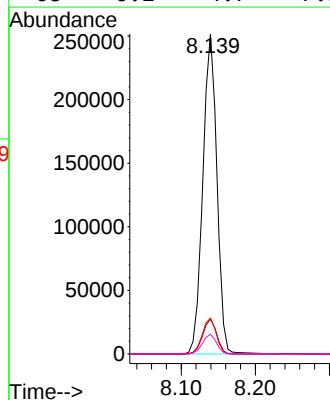
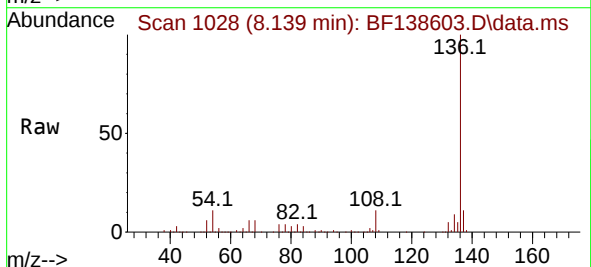
Instrument :
BNA_F
ClientSampleId :
PB162093TB

Tgt Ion: 99 Resp: 935328
Ion Ratio Lower Upper
99 100
42 23.4 19.7 29.5
71 36.6 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF138603.D
Acq: 22 Jul 2024 12:40

Tgt Ion:136 Resp: 332437
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 11.2 8.1 12.1
68 6.2 4.7 7.1

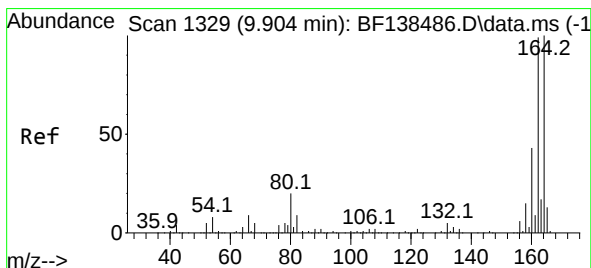
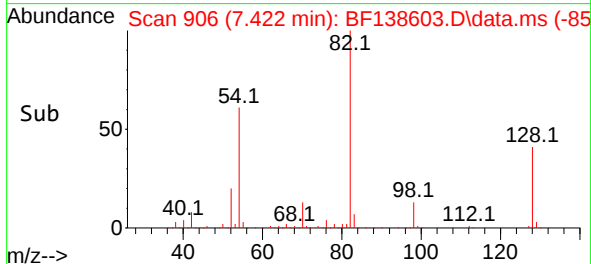
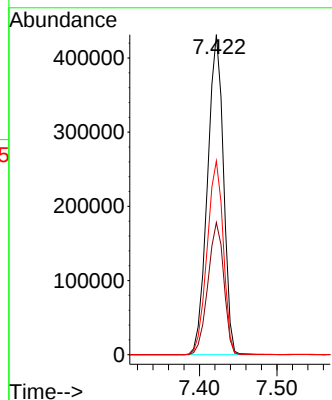
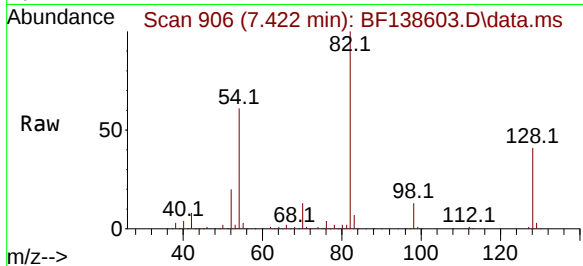




#23
Nitrobenzene-d5
Concen: 91.208 ng
RT: 7.422 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138603.D
Acq: 22 Jul 2024 12:40

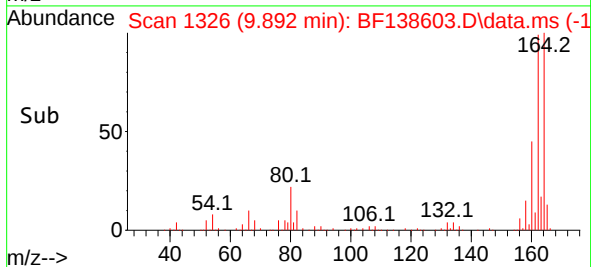
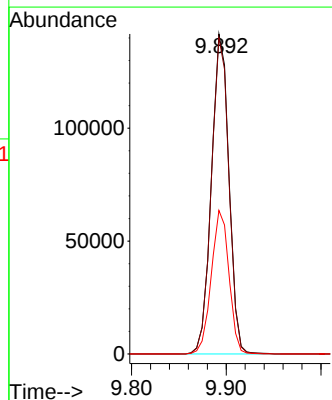
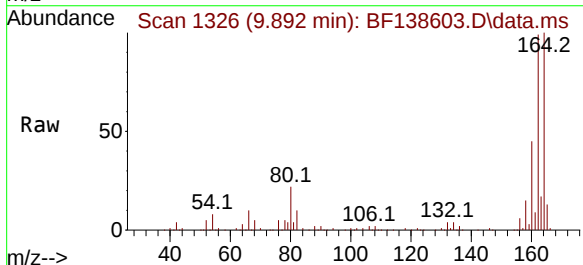
Instrument :
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ClientSampleId :
PB162093TB

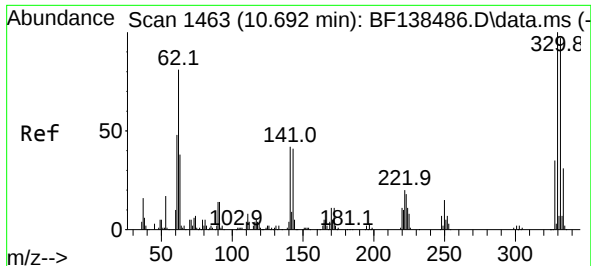
Tgt Ion: 82 Resp: 617563
Ion Ratio Lower Upper
82 100
128 41.3 32.3 48.5
54 60.6 51.4 77.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF138603.D
Acq: 22 Jul 2024 12:40

Tgt Ion:164 Resp: 182766
Ion Ratio Lower Upper
164 100
162 98.9 79.0 118.6
160 44.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 126.065 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF138603.D

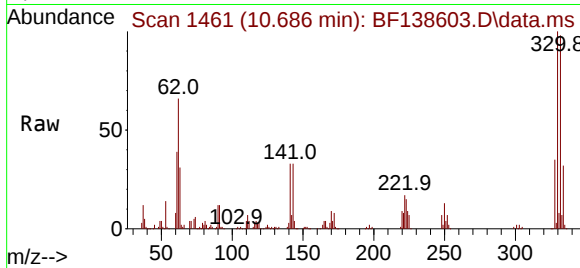
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Instrument :

BNA_F

ClientSampleId :

PB162093TB



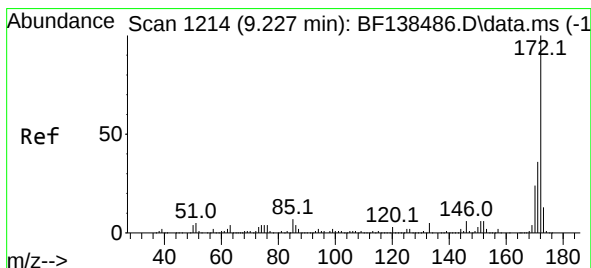
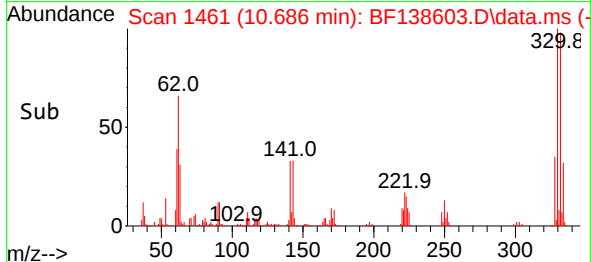
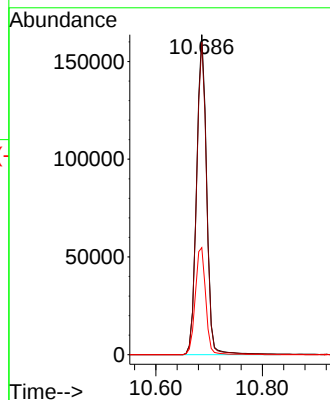
Tgt Ion:330 Resp: 215335

Ion Ratio Lower Upper

330 100

332 97.8 76.8 115.2

141 34.8 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 87.969 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF138603.D

Acq: 22 Jul 2024 12:40

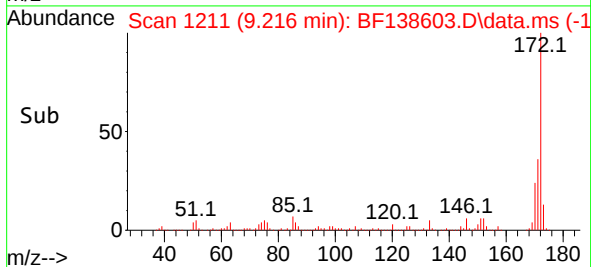
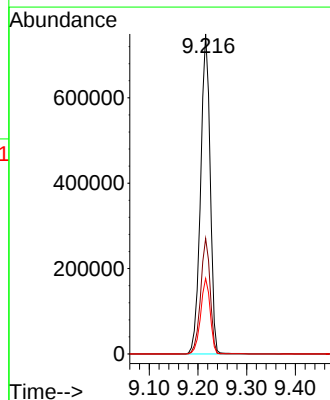
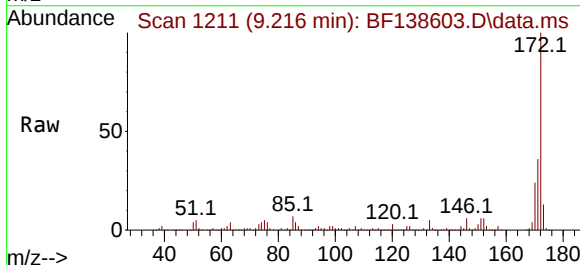
Tgt Ion:172 Resp: 1028709

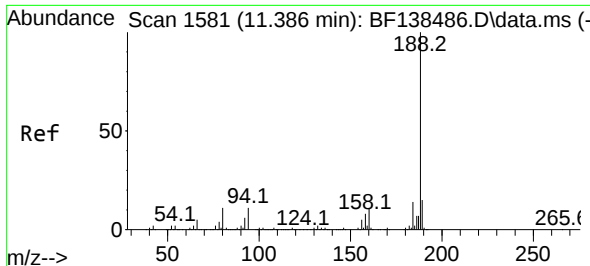
Ion Ratio Lower Upper

172 100

171 36.1 28.9 43.3

170 23.6 18.9 28.3

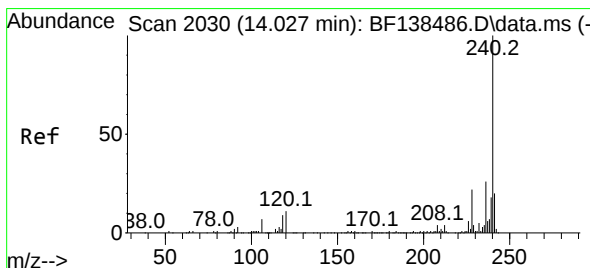
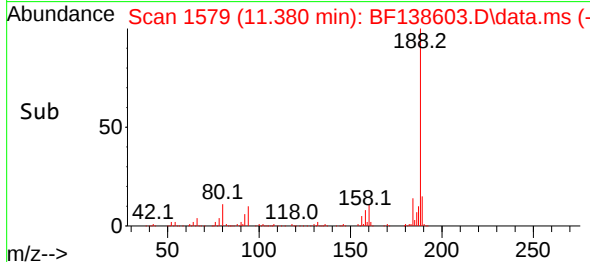
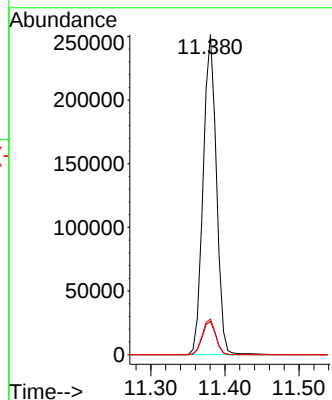
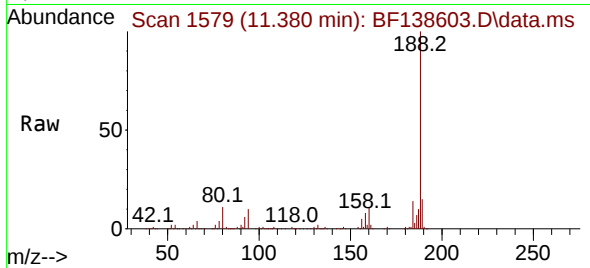




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138603.D
Acq: 22 Jul 2024 12:40

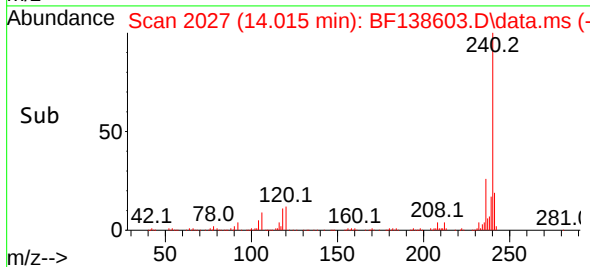
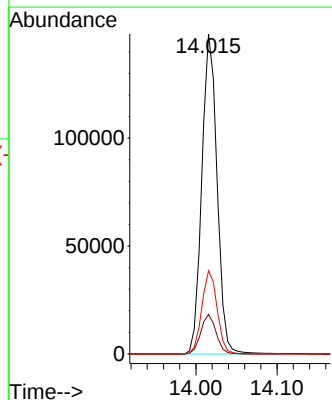
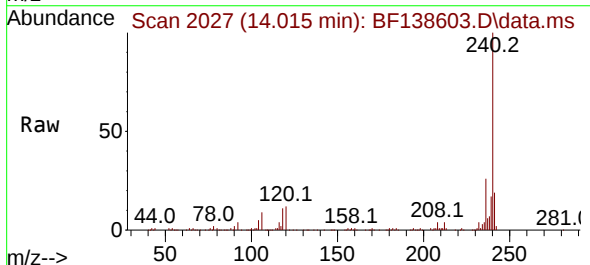
Instrument :
BNA_F
ClientSampleId :
PB162093TB

Tgt Ion:188 Resp: 312141
Ion Ratio Lower Upper
188 100
94 10.5 8.7 13.1
80 11.1 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF138603.D
Acq: 22 Jul 2024 12:40

Tgt Ion:240 Resp: 193398
Ion Ratio Lower Upper
240 100
120 12.4 8.6 12.8
236 26.0 21.0 31.6

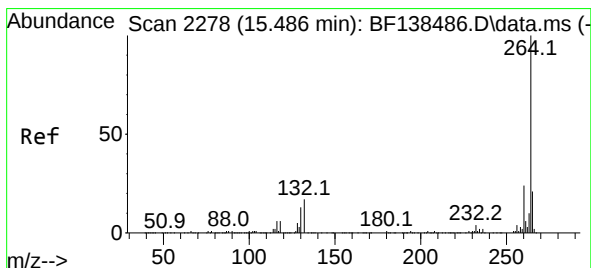
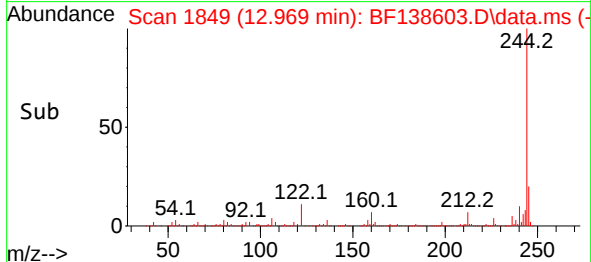
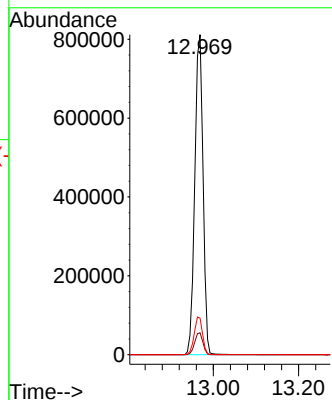
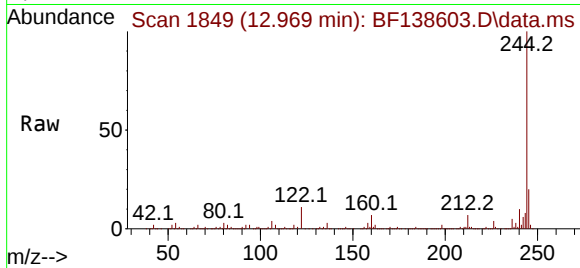




#79
 Terphenyl-d14
 Concen: 91.788 ng
 RT: 12.969 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: BF138603.D
 Acq: 22 Jul 2024 12:40

Instrument :
 BNA_F
 ClientSampleId :
 PB162093TB

Tgt Ion:244 Resp: 1089644
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.4 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2277
 Delta R.T. 0.000 min
 Lab File: BF138603.D
 Acq: 22 Jul 2024 12:40

Tgt Ion:264 Resp: 155993
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.6
 265 21.3 17.0 25.4

