

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072224\
 Data File : BF138602.D
 Acq On : 22 Jul 2024 12:10
 Operator : RC/JU
 Sample : PB162092TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162092TB

Quant Time: Jul 22 12:46:22 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	91196	20.000	ng	-0.01
21) Naphthalene-d8	8.140	136	365105	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	204211	20.000	ng	-0.01
64) Phenanthrene-d10	11.381	188	365195	20.000	ng	0.00
76) Chrysene-d12	14.016	240	290872	20.000	ng	-0.01
86) Perylene-d12	15.486	264	175870	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	759096	131.828	ng	0.00
7) Phenol-d6	6.498	99	1025102	133.823	ng	0.00
23) Nitrobenzene-d5	7.422	82	674285	90.675	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	253245	132.689	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1137217	87.036	ng	-0.01
79) Terphenyl-d14	12.969	244	1274979	71.409	ng	0.00

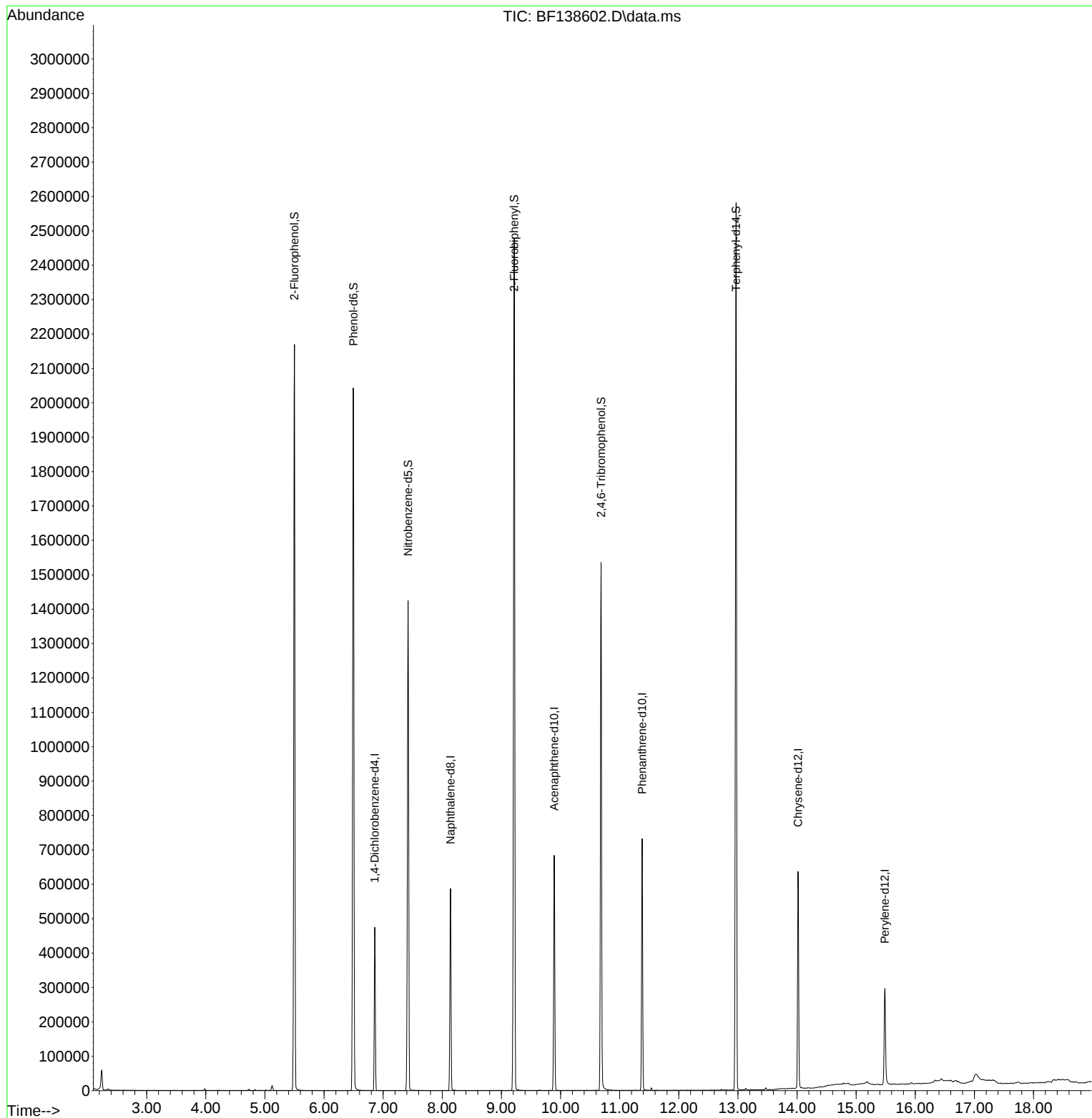
Target Compounds	Qvalue

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

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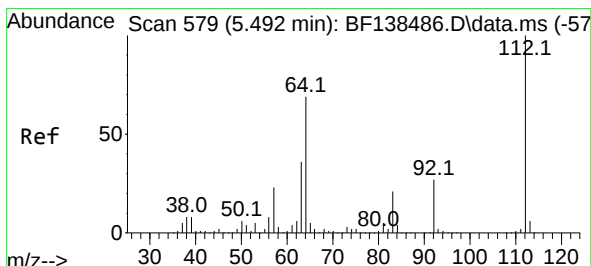
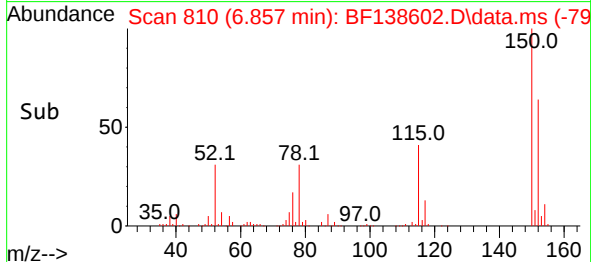
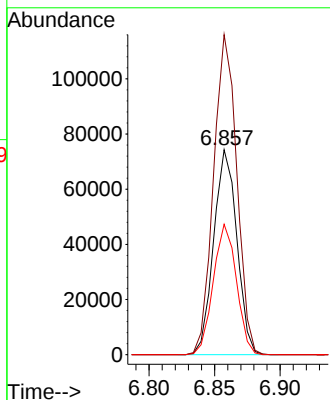
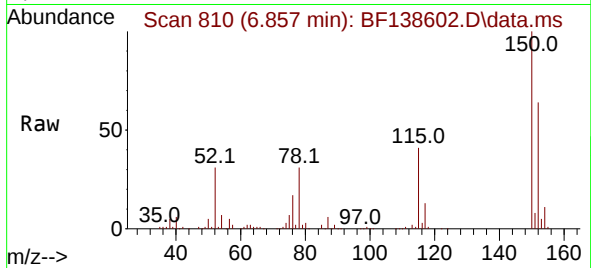




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138602.D
Acq: 22 Jul 2024 12:10

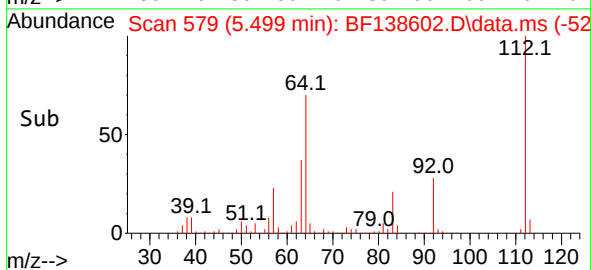
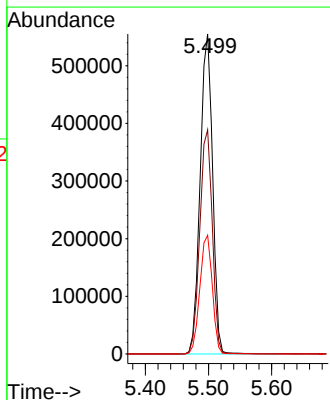
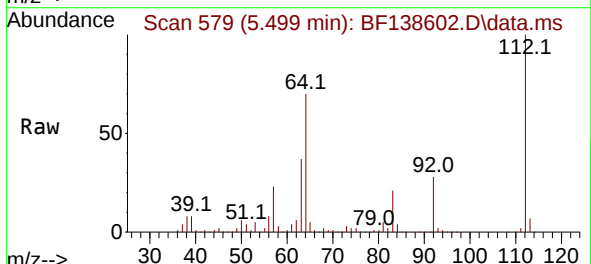
Instrument :
BNA_F
ClientSampleId :
PB162092TB

Tgt Ion:152 Resp: 91196
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.4
115 63.6 50.3 75.5



#5
2-Fluorophenol
Concen: 131.828 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF138602.D
Acq: 22 Jul 2024 12:10

Tgt Ion:112 Resp: 759096
Ion Ratio Lower Upper
112 100
64 70.0 55.1 82.7
63 37.1 29.0 43.6

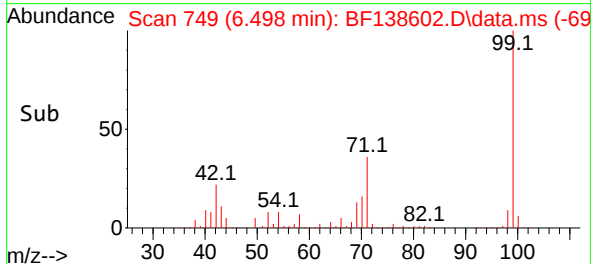
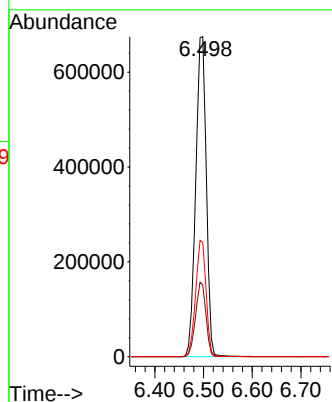
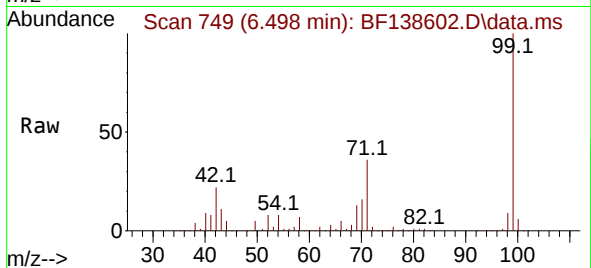




#7
Phenol-d6
Concen: 133.823 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138602.D
Acq: 22 Jul 2024 12:10

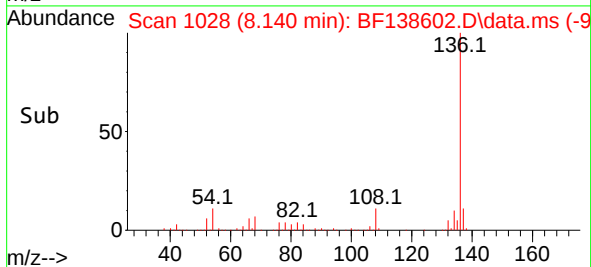
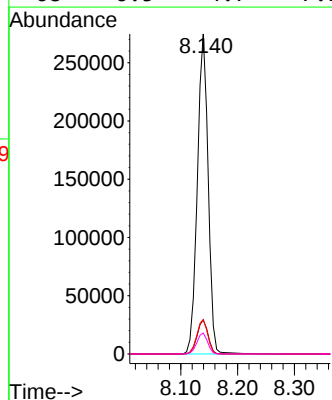
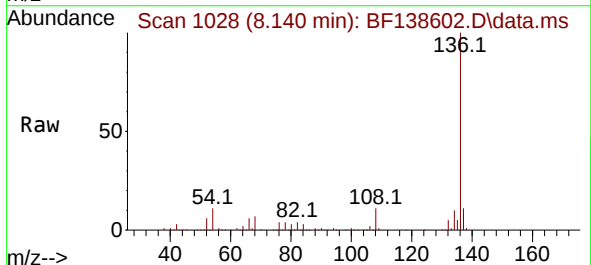
Instrument :
BNA_F
ClientSampleId :
PB162092TB

Tgt Ion: 99 Resp: 1025102
Ion Ratio Lower Upper
99 100
42 22.4 19.7 29.5
71 35.8 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1028
Delta R.T. -0.011 min
Lab File: BF138602.D
Acq: 22 Jul 2024 12:10

Tgt Ion:136 Resp: 365105
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.7 8.1 12.1
68 6.5 4.7 7.1

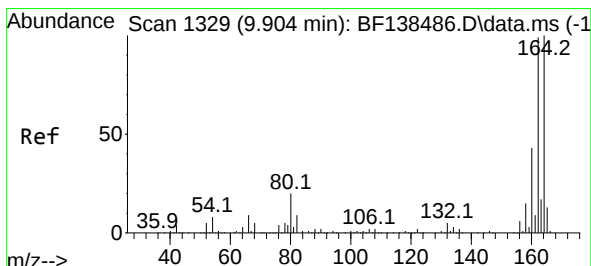
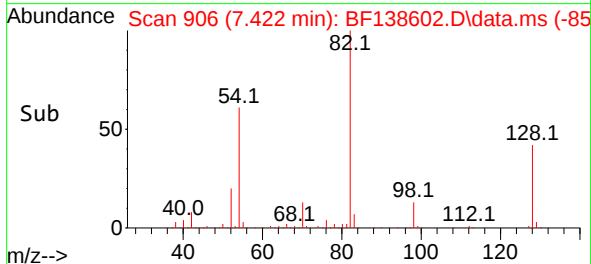
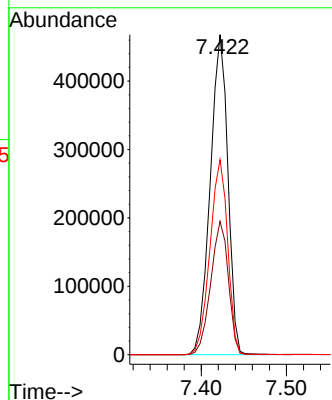
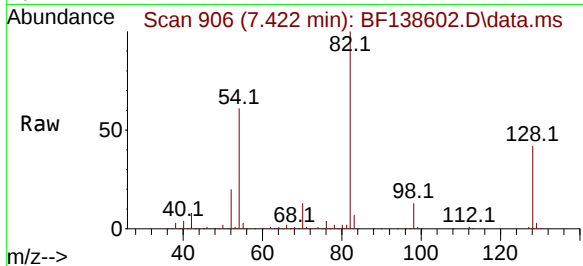




#23
Nitrobenzene-d5
Concen: 90.675 ng
RT: 7.422 min Scan# 909
Delta R.T. -0.011 min
Lab File: BF138602.D
Acq: 22 Jul 2024 12:10

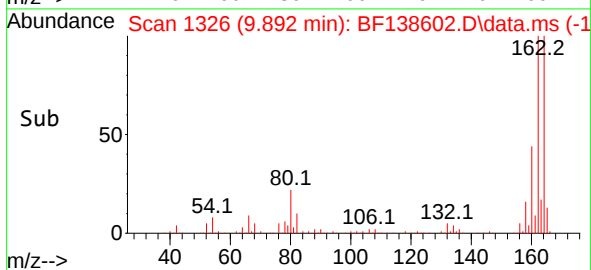
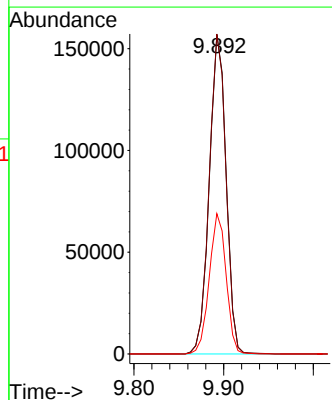
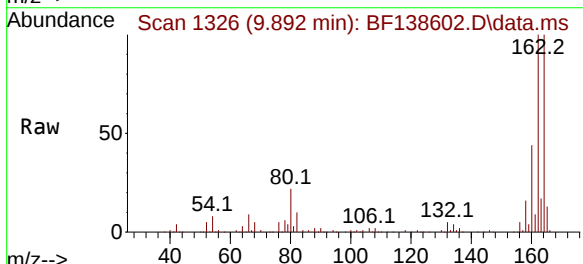
Instrument :
BNA_F
ClientSampleId :
PB162092TB

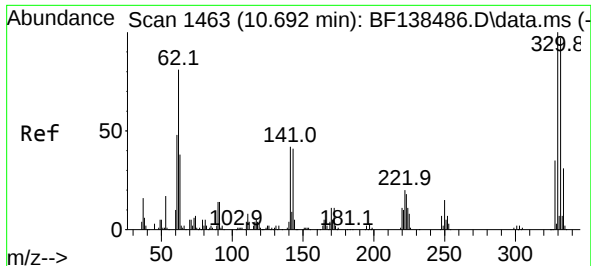
Tgt Ion: 82 Resp: 674285
Ion Ratio Lower Upper
82 100
128 41.6 32.3 48.5
54 61.0 51.4 77.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BF138602.D
Acq: 22 Jul 2024 12:10

Tgt Ion:164 Resp: 204211
Ion Ratio Lower Upper
164 100
162 100.2 79.0 118.6
160 44.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 132.689 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF138602.D

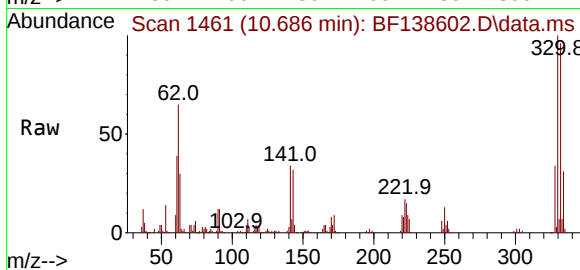
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Instrument :

BNA_F

ClientSampleId :

PB162092TB



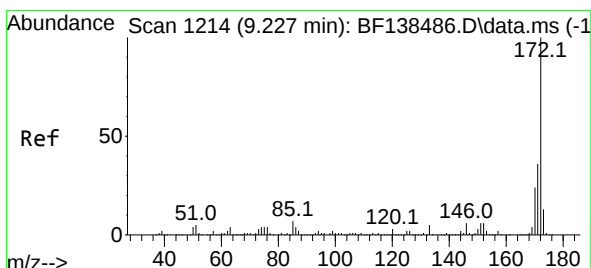
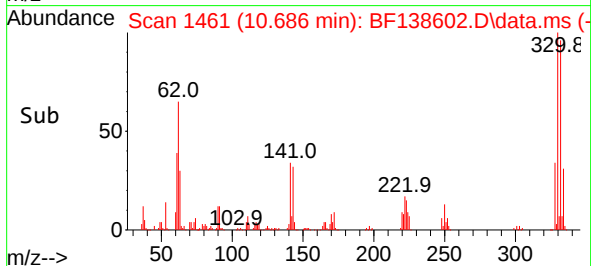
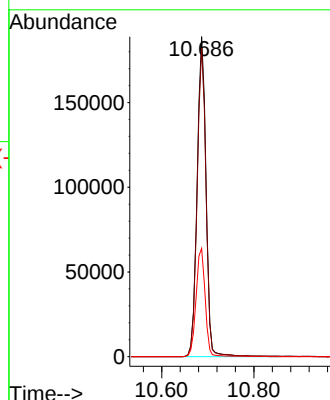
Tgt Ion:330 Resp: 253245

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

141 34.6 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 87.036 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.011 min

Lab File: BF138602.D

Acq: 22 Jul 2024 12:10

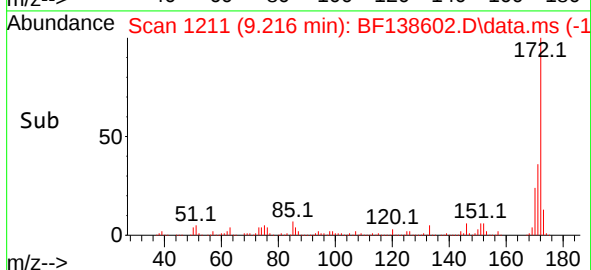
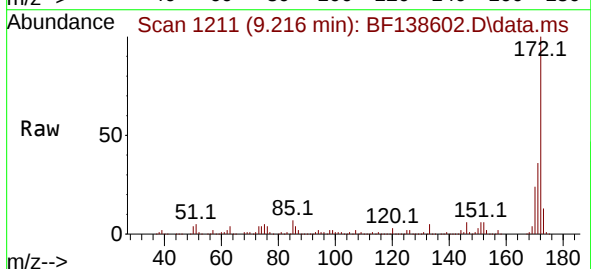
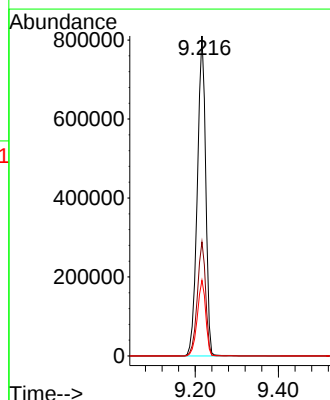
Tgt Ion:172 Resp: 1137217

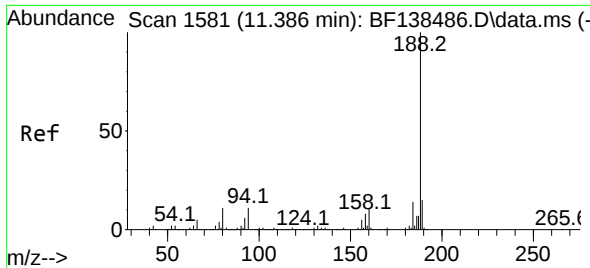
Ion Ratio Lower Upper

172 100

171 35.7 28.9 43.3

170 23.7 18.9 28.3

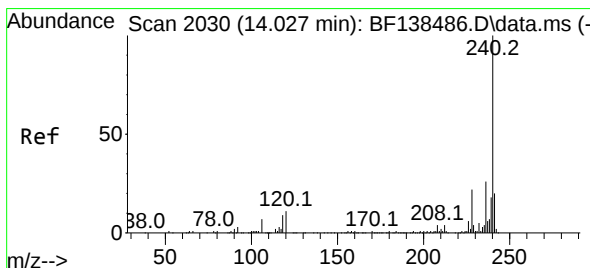
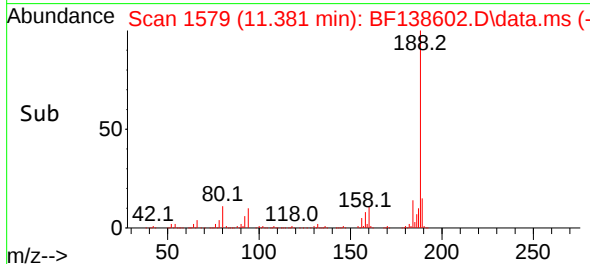
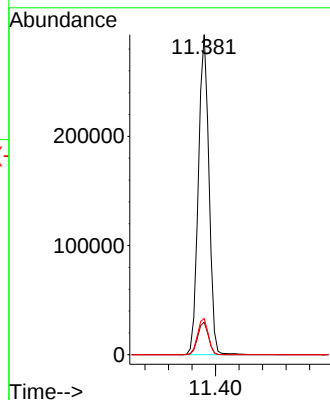
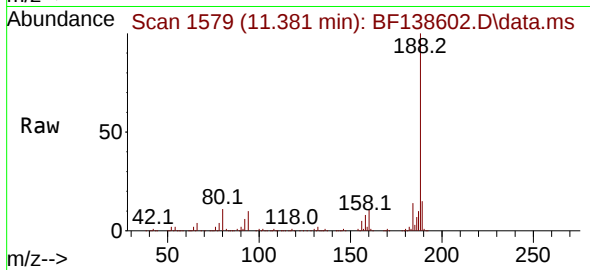




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.381 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138602.D
Acq: 22 Jul 2024 12:10

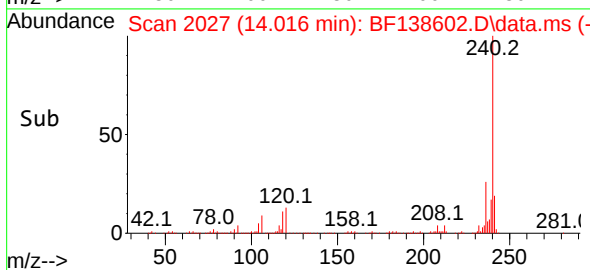
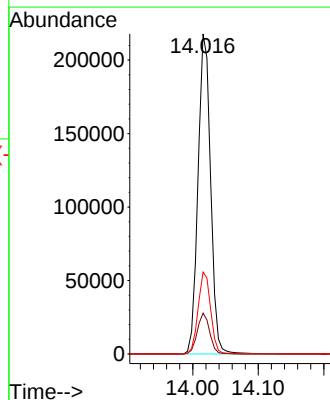
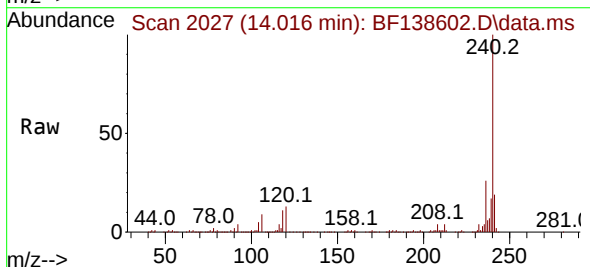
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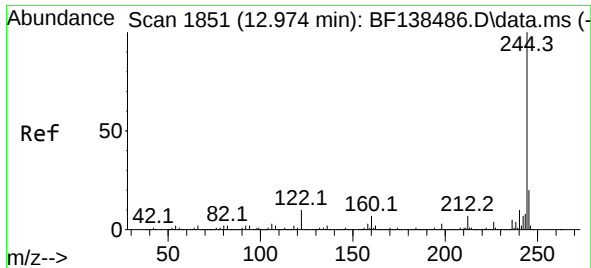
Tgt Ion:188 Resp: 365195
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 11.3 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2027
Delta R.T. -0.011 min
Lab File: BF138602.D
Acq: 22 Jul 2024 12:10

Tgt Ion:240 Resp: 290872
Ion Ratio Lower Upper
240 100
120 12.8 8.6 12.8
236 25.6 21.0 31.6

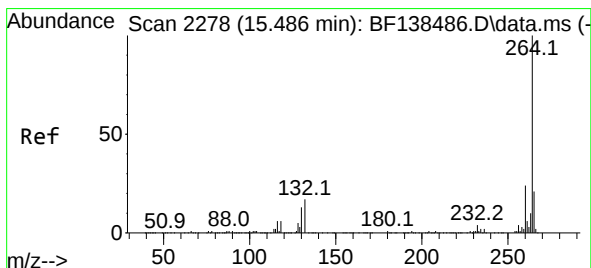
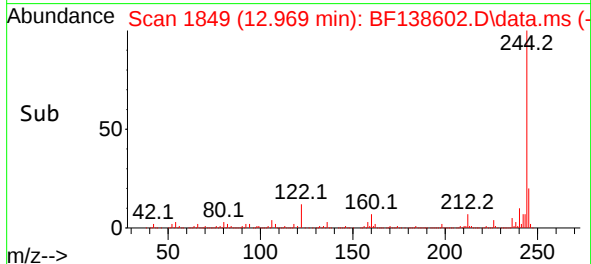
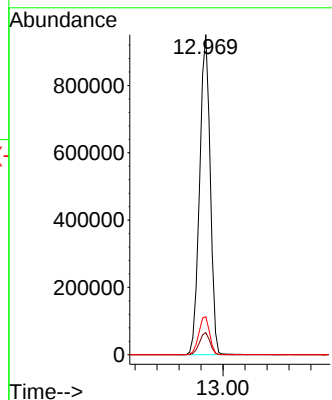
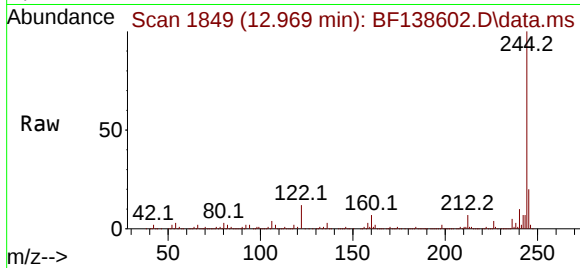




#79
 Terphenyl-d14
 Concen: 71.409 ng
 RT: 12.969 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: BF138602.D
 Acq: 22 Jul 2024 12:10

Instrument :
 BNA_F
 ClientSampleId :
 PB162092TB

Tgt Ion:244 Resp: 1274979
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.9 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: BF138602.D
 Acq: 22 Jul 2024 12:10

Tgt Ion:264 Resp: 175870
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.0 17.0 25.4

