

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
 Data File : BF138637.D
 Acq On : 24 Jul 2024 13:33
 Operator : RC/JU
 Sample : PB162198TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162198TB

Quant Time: Jul 24 14:02:31 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	6.851	152	74798	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	308753	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	167365	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	304749	20.000	ng	-0.02
76) Chrysene-d12	14.004	240	186887	20.000	ng	-0.02
86) Perylene-d12	15.468	264	148093	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	669953	141.854	ng	0.00
7) Phenol-d6	6.487	99	870868	138.613	ng	-0.02
23) Nitrobenzene-d5	7.416	82	589201	93.694	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	219685	140.446	ng	-0.02
45) 2-Fluorobiphenyl	9.210	172	997908	93.188	ng	-0.02
79) Terphenyl-d14	12.957	244	1162745	101.358	ng	-0.02

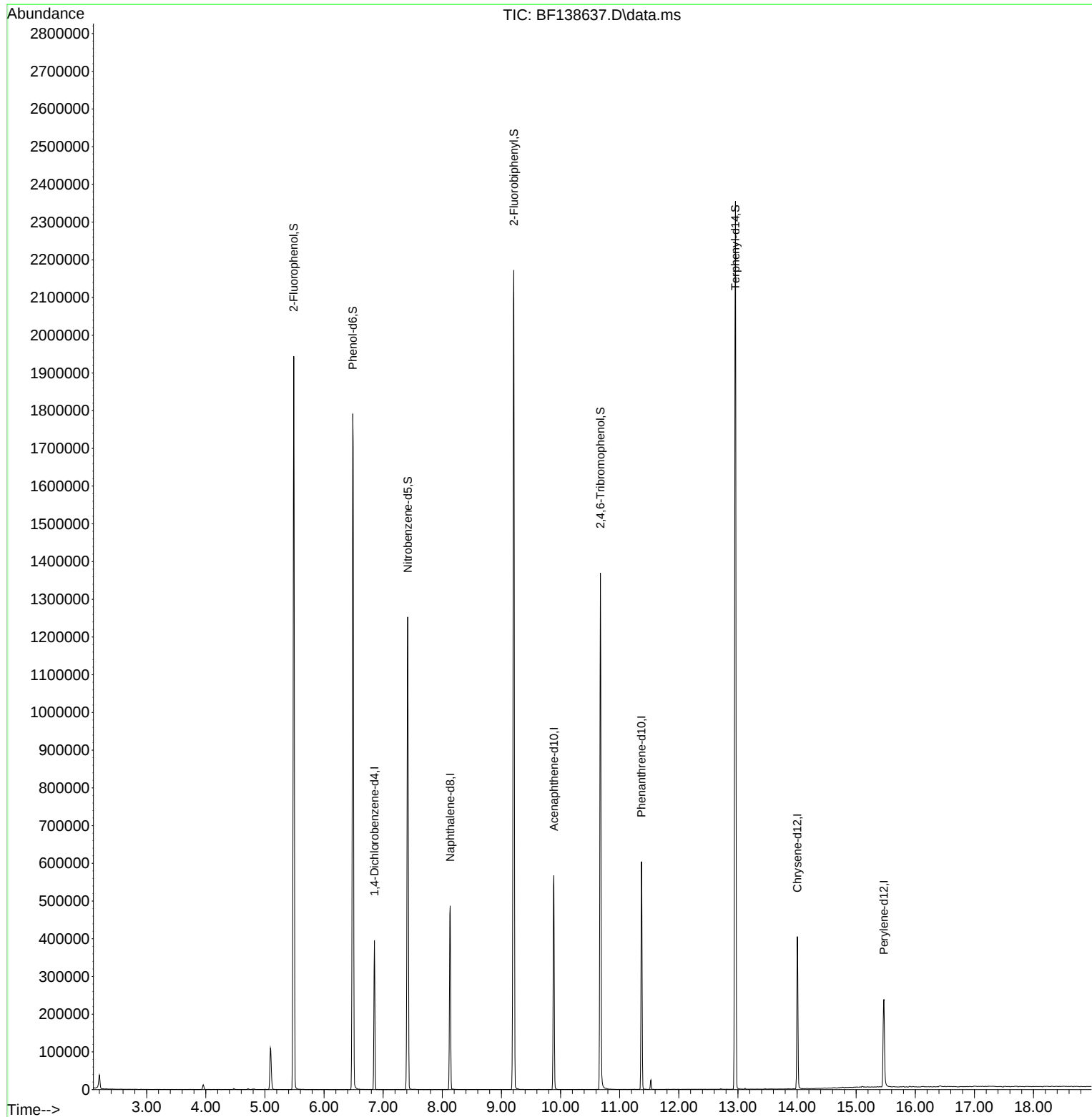
Target Compounds	Qvalue

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

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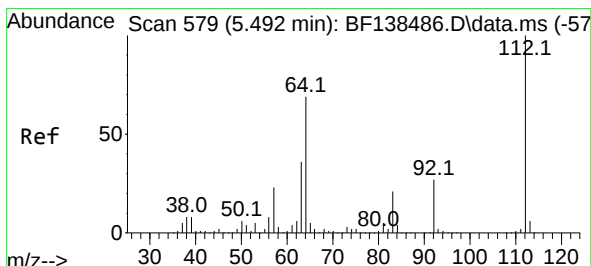
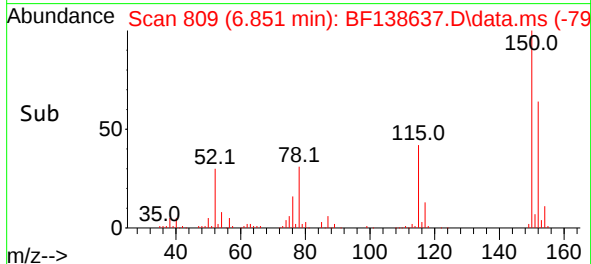
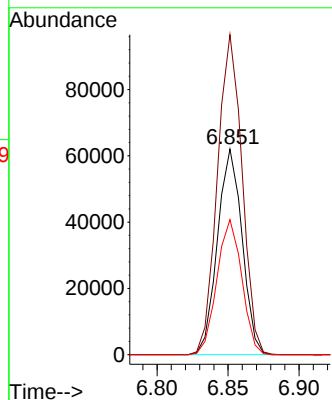
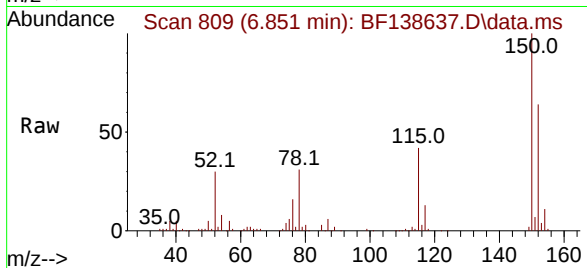




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138637.D
Acq: 24 Jul 2024 13:33

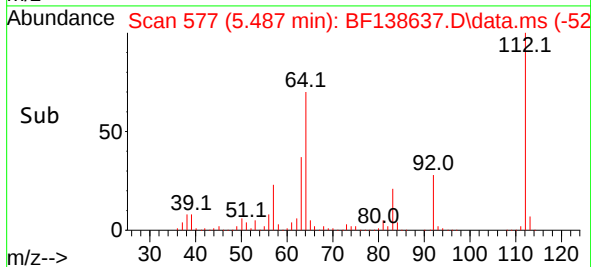
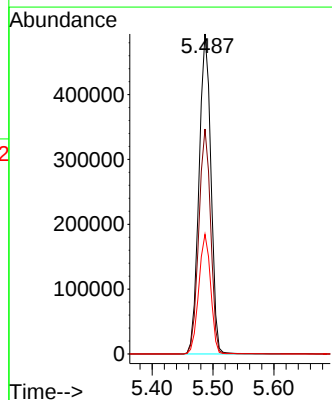
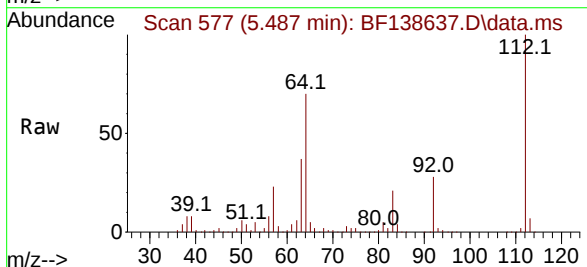
Instrument :
BNA_F
ClientSampleId :
PB162198TB

Tgt Ion:152 Resp: 74798
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.4
115 65.6 50.3 75.5



#5
2-Fluorophenol
Concen: 141.854 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF138637.D
Acq: 24 Jul 2024 13:33

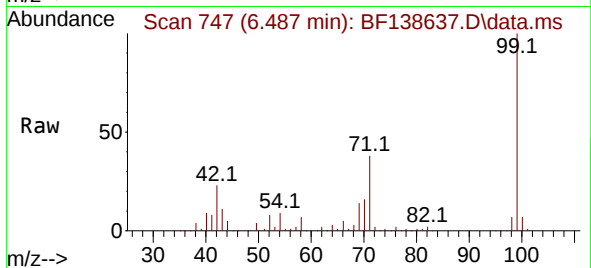
Tgt Ion:112 Resp: 669953
Ion Ratio Lower Upper
112 100
64 70.3 55.1 82.7
63 37.4 29.0 43.6





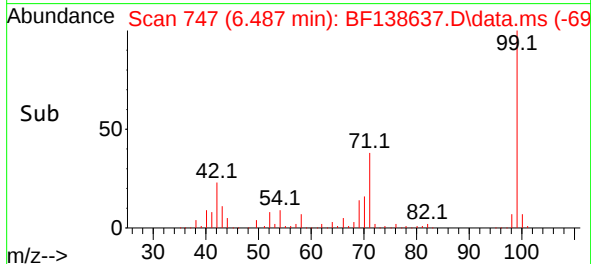
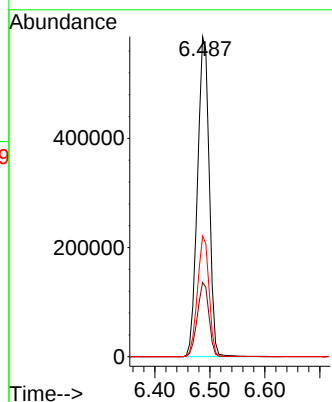
#7
Phenol-d6
Concen: 138.613 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.017 min
Lab File: BF138637.D
Acq: 24 Jul 2024 13:33

Instrument :
BNA_F
ClientSampleId :
PB162198TB



Tgt Ion: 99 Resp: 870868

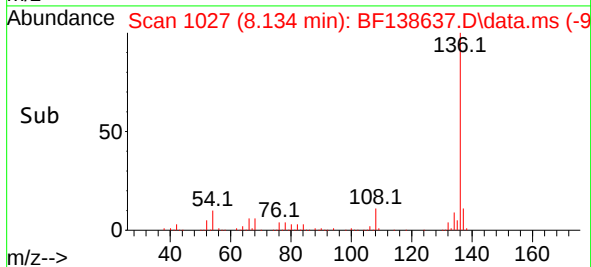
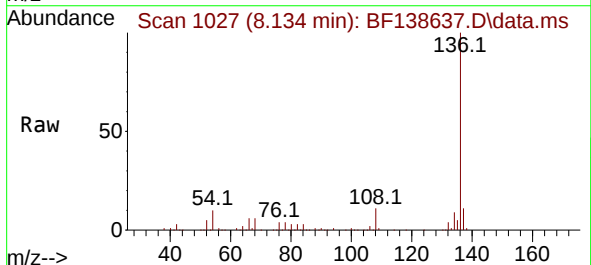
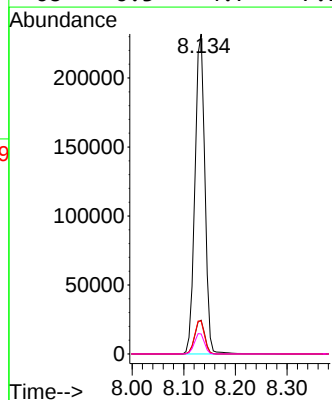
Ion	Ratio	Lower	Upper
99	100		
42	23.3	19.7	29.5
71	37.7	29.9	44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.017 min
Lab File: BF138637.D
Acq: 24 Jul 2024 13:33

Tgt Ion: 136 Resp: 308753

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	10.3	8.1	12.1
68	6.3	4.7	7.1





#23

Nitrobenzene-d5

Concen: 93.694 ng

RT: 7.416 min Scan# 909

Delta R.T. -0.017 min

Lab File: BF138637.D

Acq: 24 Jul 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB162198TB

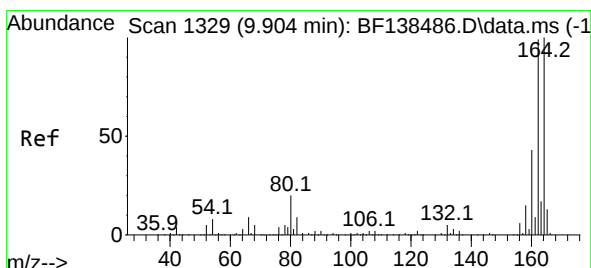
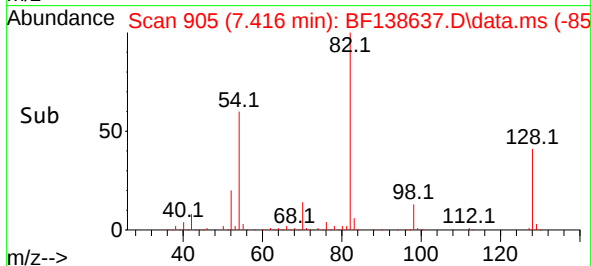
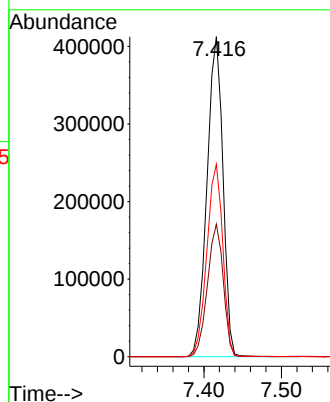
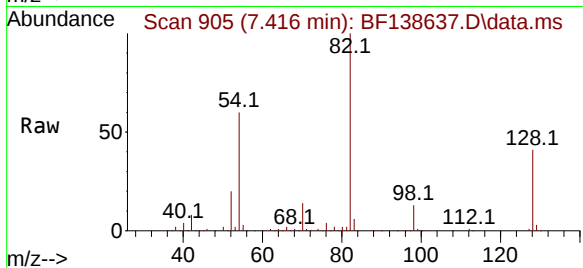
Tgt Ion: 82 Resp: 589201

Ion Ratio Lower Upper

82 100

128 41.4 32.3 48.5

54 60.2 51.4 77.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1325

Delta R.T. -0.017 min

Lab File: BF138637.D

Acq: 24 Jul 2024 13:33

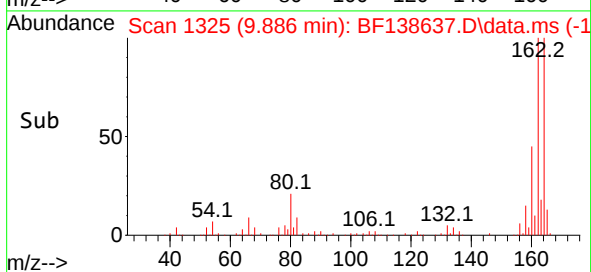
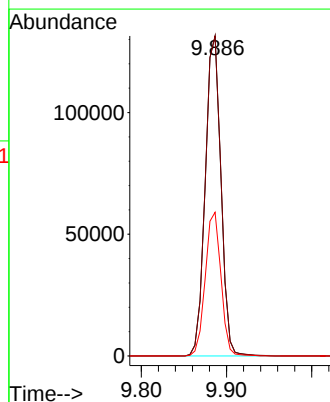
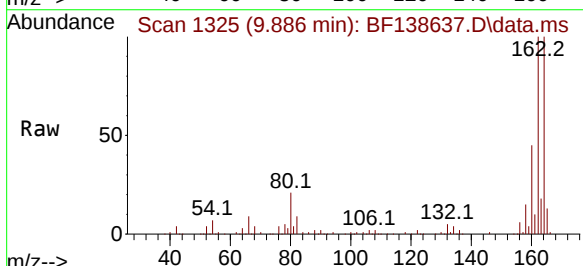
Tgt Ion:164 Resp: 167365

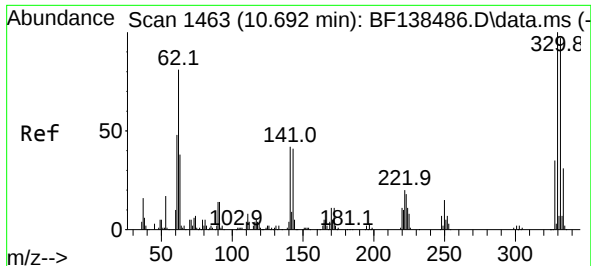
Ion Ratio Lower Upper

164 100

162 100.0 79.0 118.6

160 44.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 140.446 ng

RT: 10.675 min Scan# 1463

Delta R.T. -0.017 min

Lab File: BF138637.D

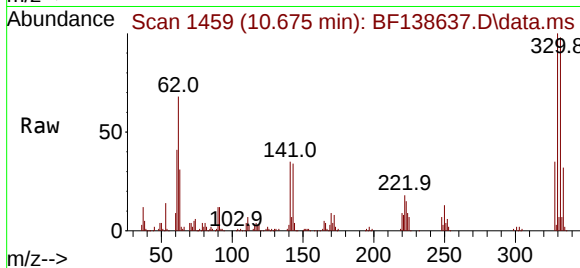
Acq: 24 Jul 2024 13:33

Instrument :

BNA_F

ClientSampleId :

PB162198TB



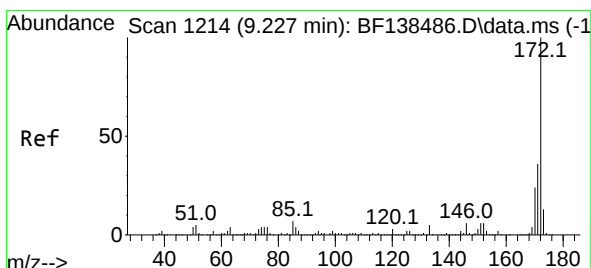
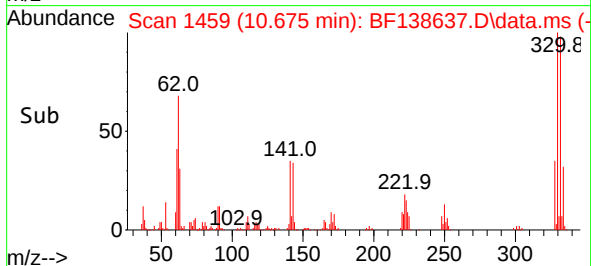
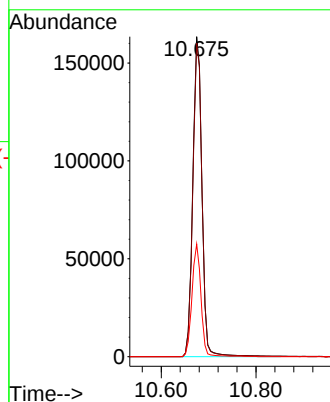
Tgt Ion:330 Resp: 219685

Ion Ratio Lower Upper

330 100

332 97.9 76.8 115.2

141 34.8 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 93.188 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.017 min

Lab File: BF138637.D

Acq: 24 Jul 2024 13:33

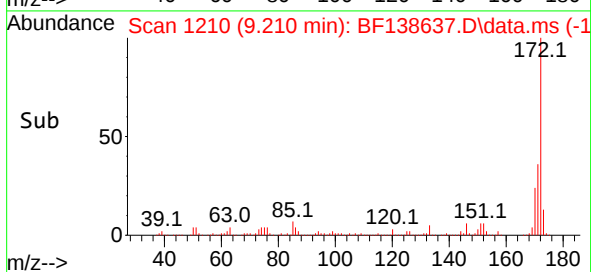
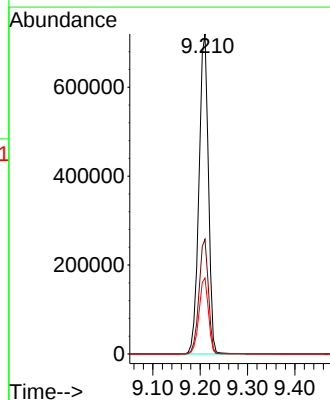
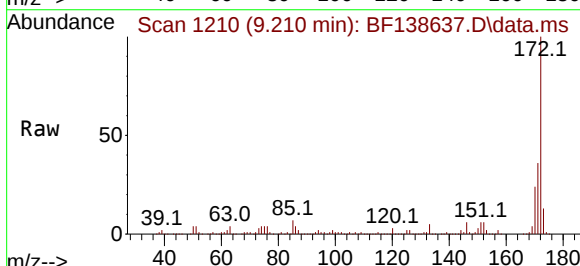
Tgt Ion:172 Resp: 997908

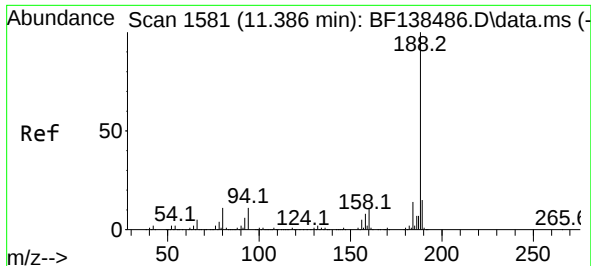
Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

170 23.7 18.9 28.3

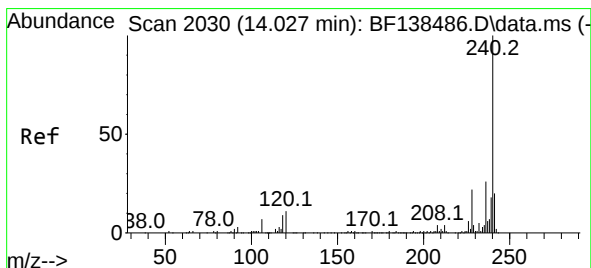
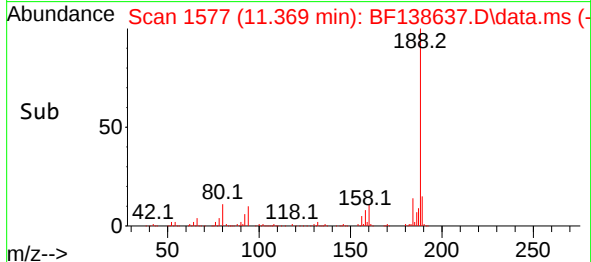
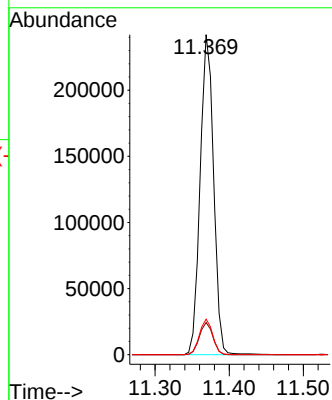
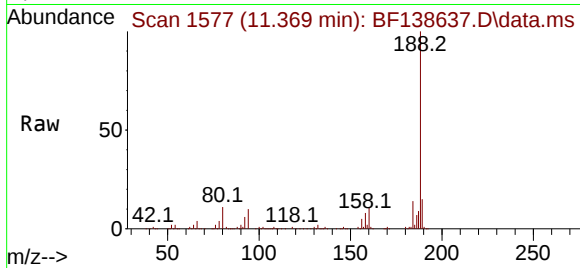




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138637.D
Acq: 24 Jul 2024 13:33

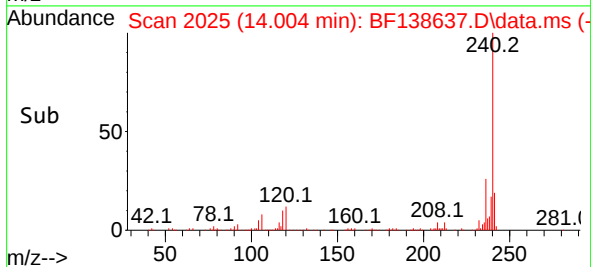
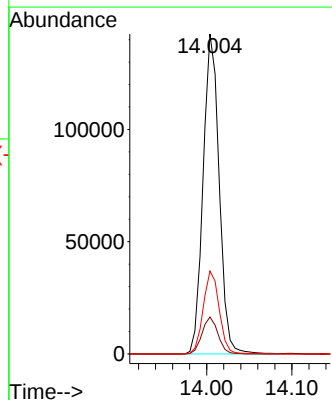
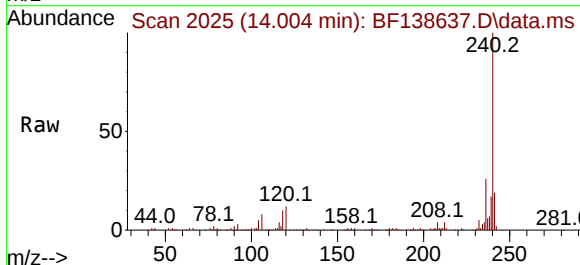
Instrument :
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ClientSampleId :
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Tgt Ion:188 Resp: 304749
Ion Ratio Lower Upper
188 100
94 10.0 8.7 13.1
80 11.1 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.023 min
Lab File: BF138637.D
Acq: 24 Jul 2024 13:33

Tgt Ion:240 Resp: 186887
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 25.9 21.0 31.6

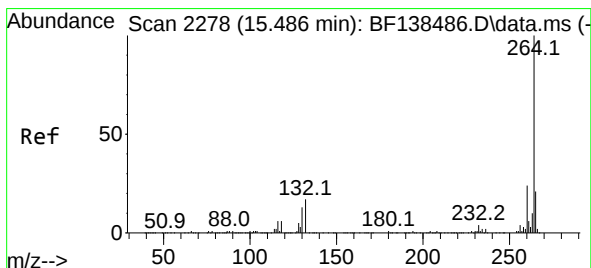
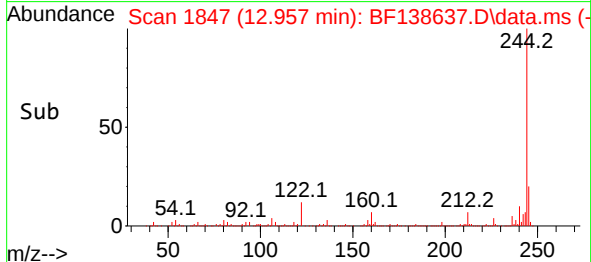
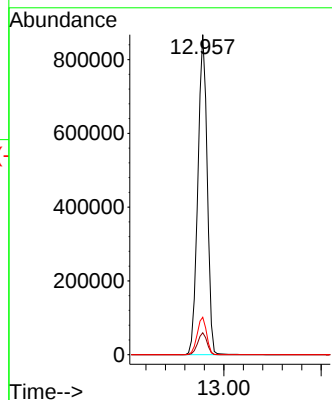
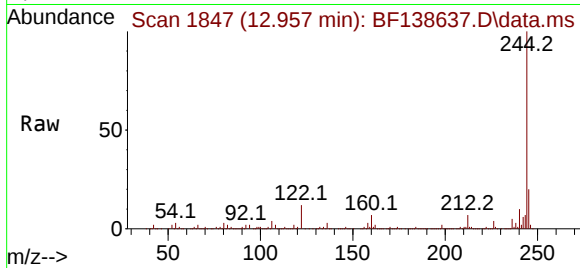




#79
 Terphenyl-d14
 Concen: 101.358 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.017 min
 Lab File: BF138637.D
 Acq: 24 Jul 2024 13:33

Instrument :
 BNA_F
 ClientSampleId :
 PB162198TB

Tgt Ion:244 Resp: 1162745
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.7 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. -0.017 min
 Lab File: BF138637.D
 Acq: 24 Jul 2024 13:33

Tgt Ion:264 Resp: 148093
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.5 17.0 25.4

