

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
 Data File : BF138064.D
 Acq On : 29 May 2024 17:37
 Operator : CG\JU
 Sample : P2610-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-05242024

Quant Time: May 29 18:01:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	68909	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	255509	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	134445	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	191171	20.000	ng	0.00
76) Chrysene-d12	14.233	240	146537	20.000	ng	# 0.00
86) Perylene-d12	15.804	264	119559	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	36671	9.040	ng	-0.01
7) Phenol-d6	6.645	99	47620	9.529	ng	-0.01
23) Nitrobenzene-d5	7.592	82	29857	6.877	ng	-0.02
42) 2,4,6-Tribromophenol	10.874	330	11494	8.479	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	66117	7.575	ng	0.00
79) Terphenyl-d14	13.163	244	56946	5.727	ng	0.00

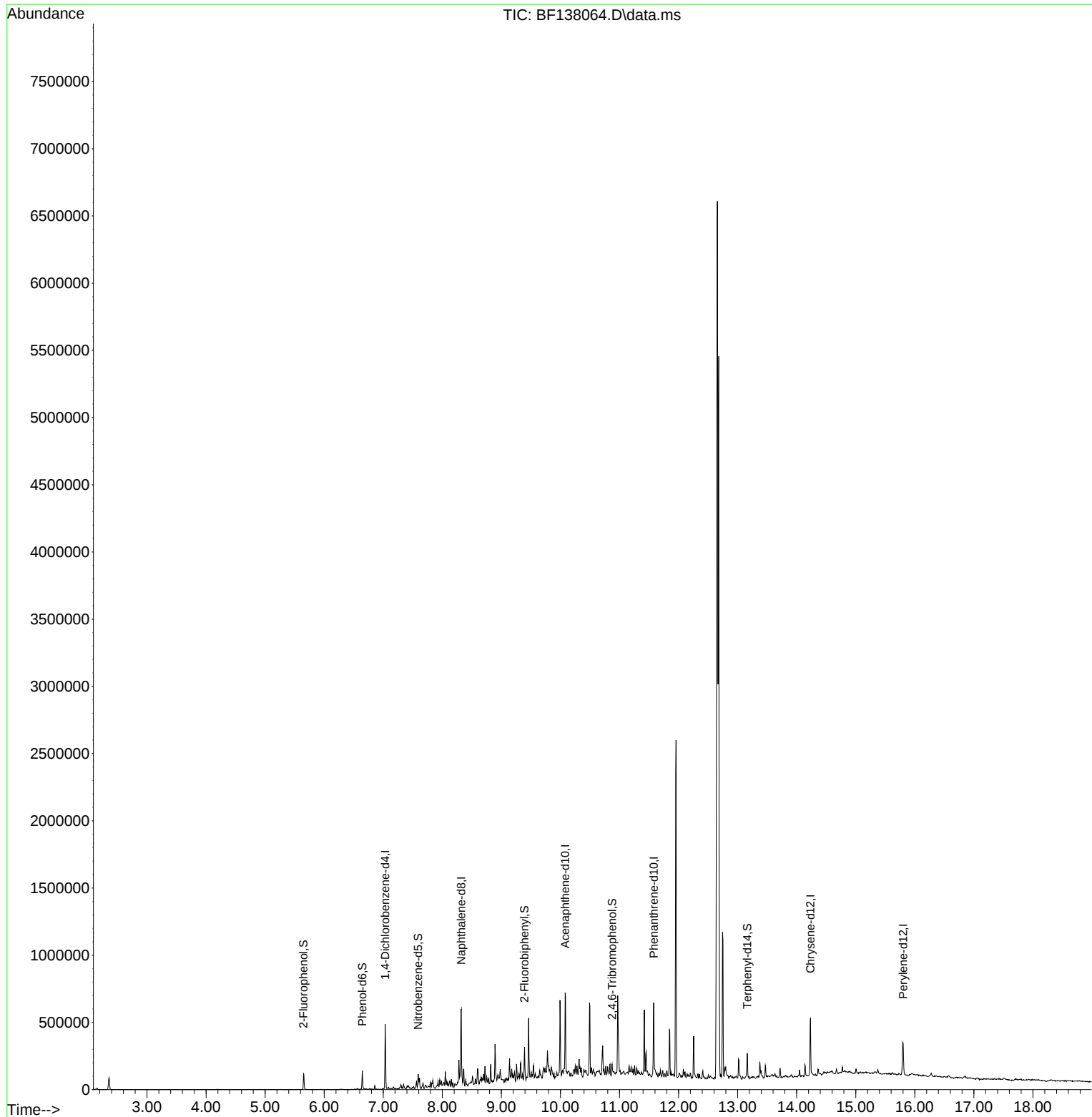
Target Compounds	Qvalue

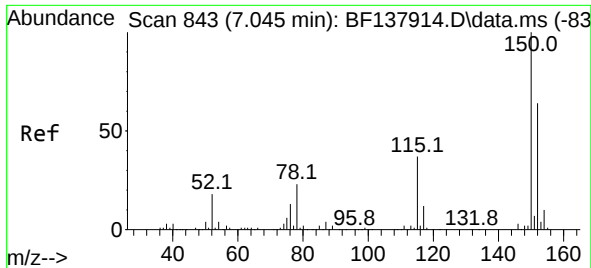
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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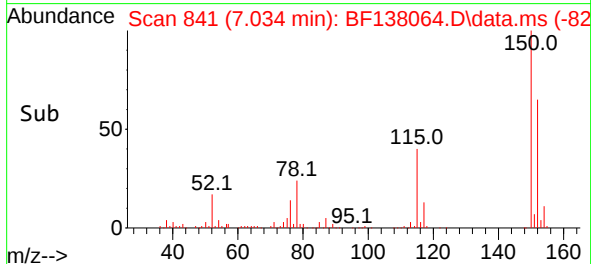
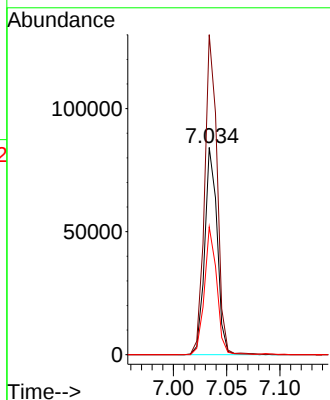
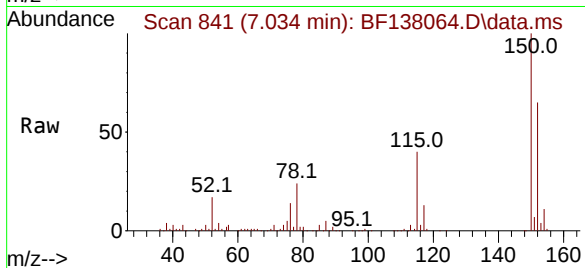




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138064.D
Acq: 29 May 2024 17:37

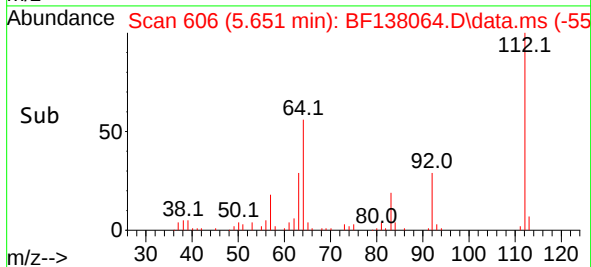
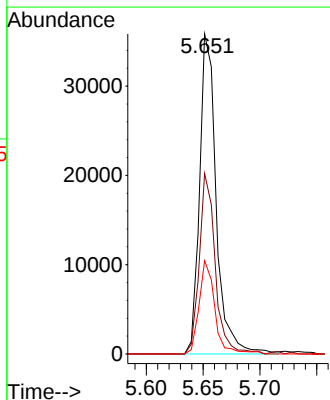
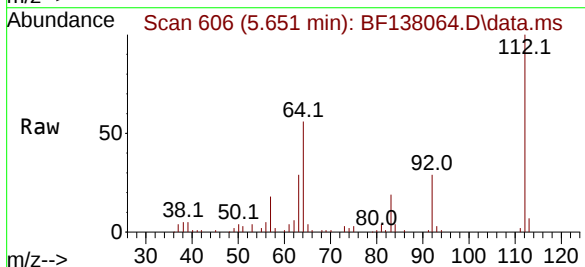
Instrument :
BNA_F
ClientSampleId :
HR-01-05242024

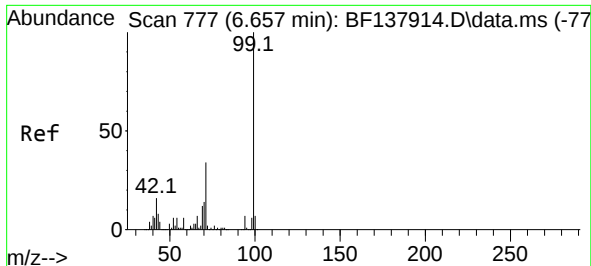
Tgt Ion:152 Resp: 68909
Ion Ratio Lower Upper
152 100
150 154.4 125.7 188.5
115 61.7 47.0 70.6



#5
2-Fluorophenol
Concen: 9.040 ng
RT: 5.651 min Scan# 606
Delta R.T. -0.012 min
Lab File: BF138064.D
Acq: 29 May 2024 17:37

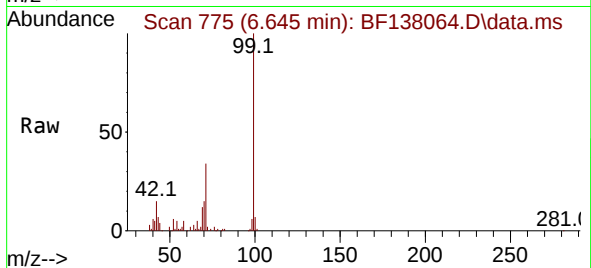
Tgt Ion:112 Resp: 36671
Ion Ratio Lower Upper
112 100
64 56.4 42.4 63.6
63 29.1 21.4 32.2



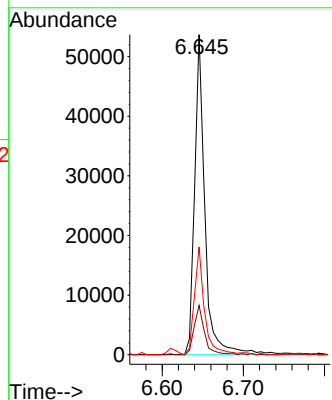
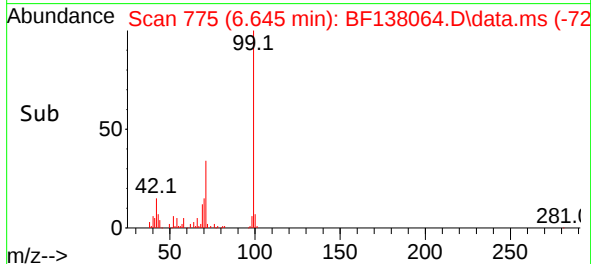


#7
Phenol-d6
Concen: 9.529 ng
RT: 6.645 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138064.D
Acq: 29 May 2024 17:37

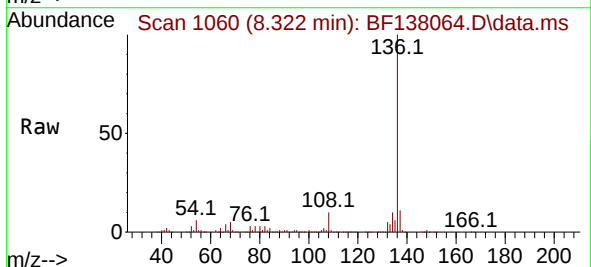
Instrument :
BNA_F
ClientSampleId :
HR-01-05242024



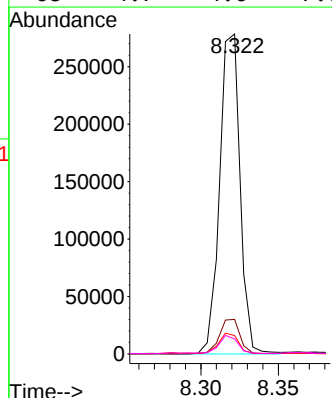
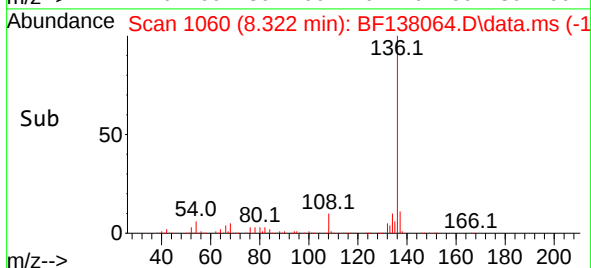
Tgt Ion: 99 Resp: 47620
Ion Ratio Lower Upper
99 100
42 15.4 12.6 18.8
71 33.6 27.1 40.7

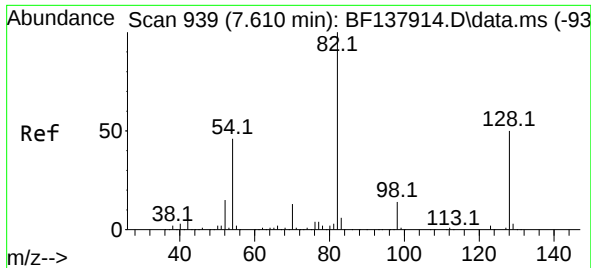


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF138064.D
Acq: 29 May 2024 17:37



Tgt Ion: 136 Resp: 255509
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 5.8 5.4 8.2
68 4.7 4.6 7.0

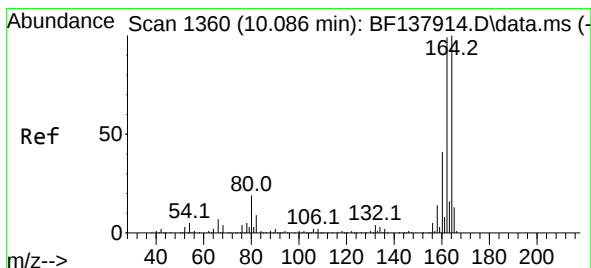
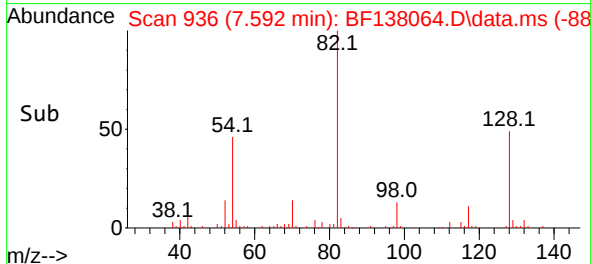
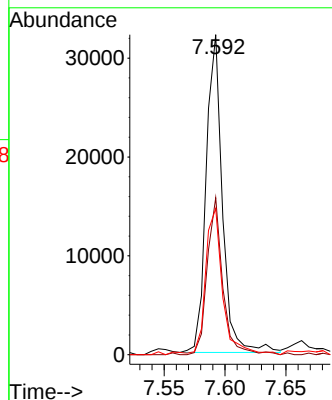
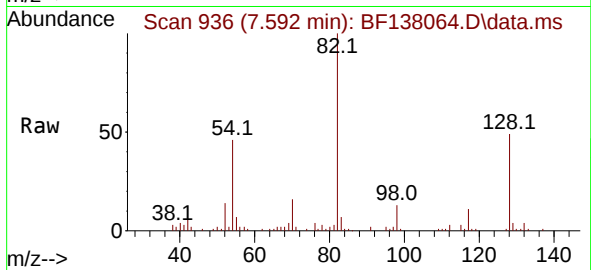




#23
Nitrobenzene-d5
Concen: 6.877 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF138064.D
Acq: 29 May 2024 17:37

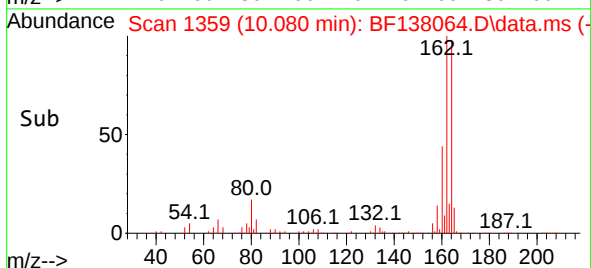
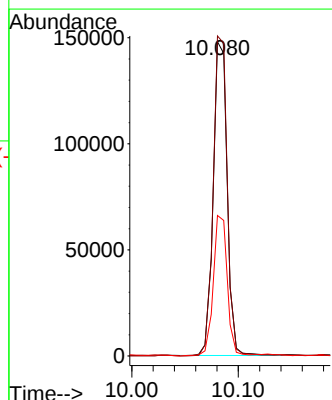
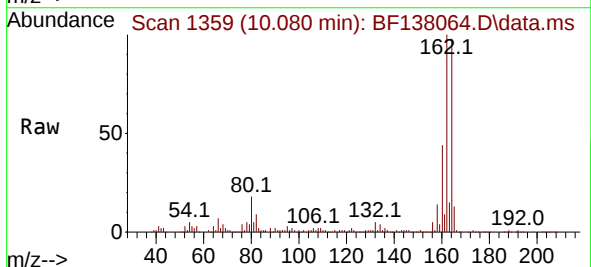
Instrument :
BNA_F
ClientSampleId :
HR-01-05242024

Tgt Ion: 82 Resp: 29857
Ion Ratio Lower Upper
82 100
128 49.0 40.3 60.5
54 45.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138064.D
Acq: 29 May 2024 17:37

Tgt Ion:164 Resp: 134445
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.2
160 44.7 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 8.479 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138064.D

Acq: 29 May 2024 17:37

Instrument :

BNA_F

ClientSampleId :

HR-01-05242024

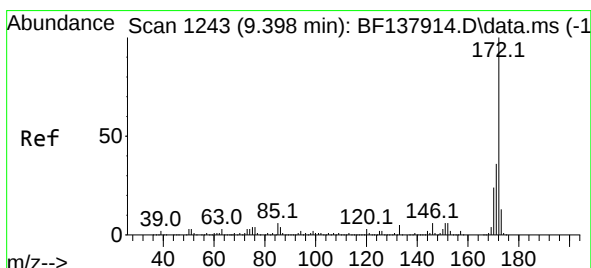
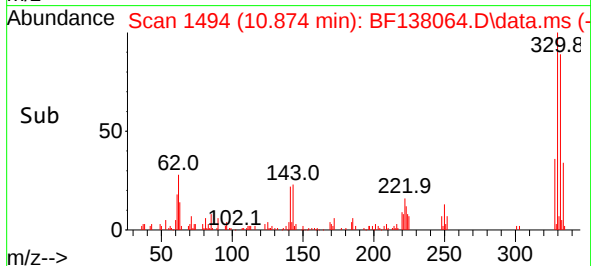
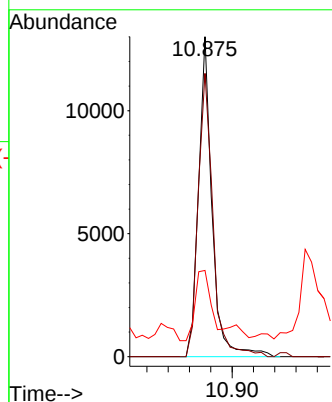
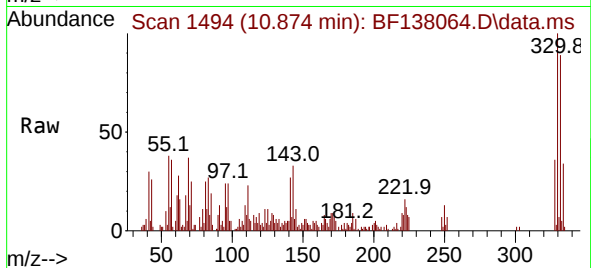
Tgt Ion:330 Resp: 11494

Ion Ratio Lower Upper

330 100

332 96.5 75.8 113.8

141 26.8 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 7.575 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138064.D

Acq: 29 May 2024 17:37

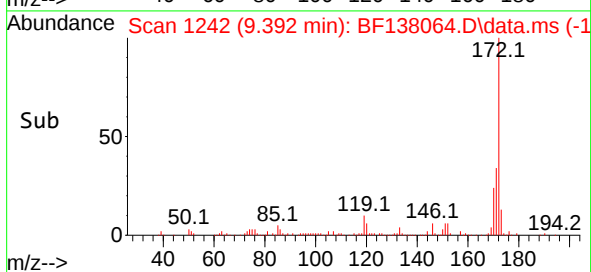
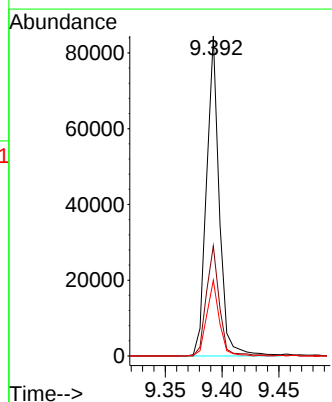
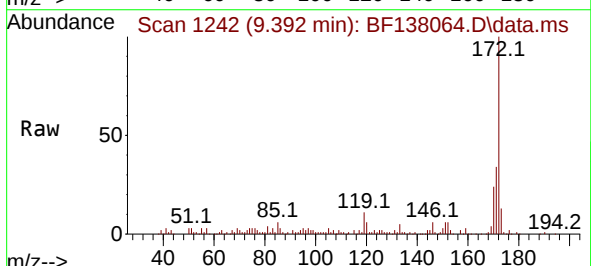
Tgt Ion:172 Resp: 66117

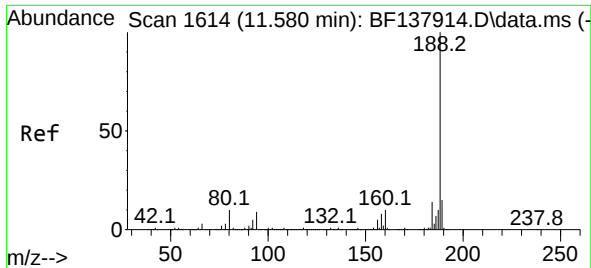
Ion Ratio Lower Upper

172 100

171 34.4 28.9 43.3

170 23.6 18.9 28.3

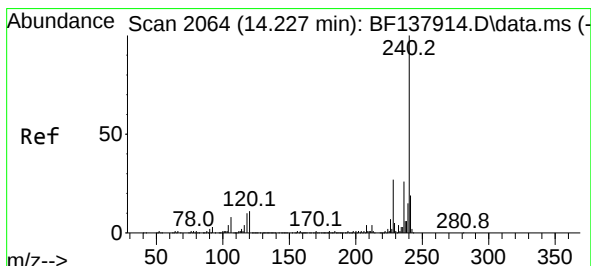
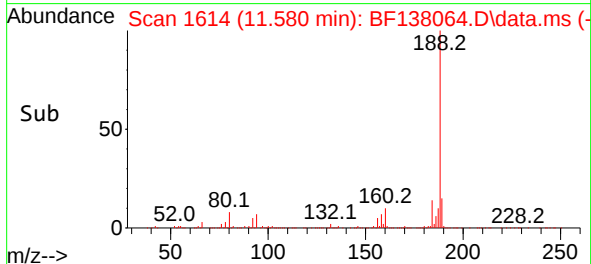
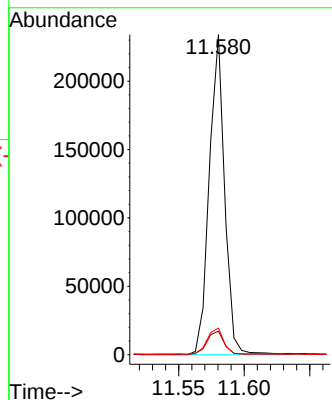
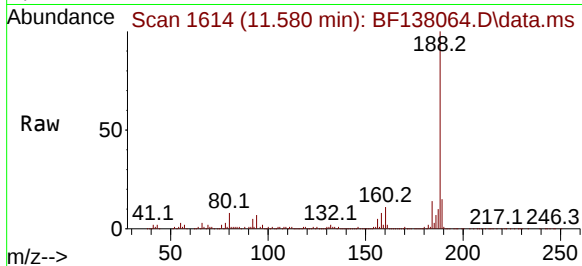




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF138064.D
Acq: 29 May 2024 17:37

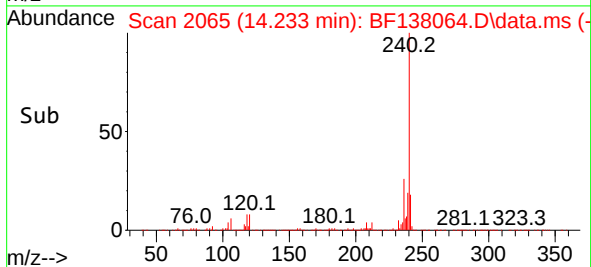
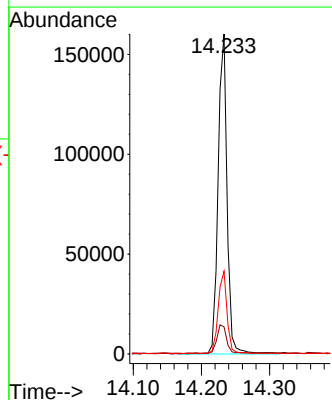
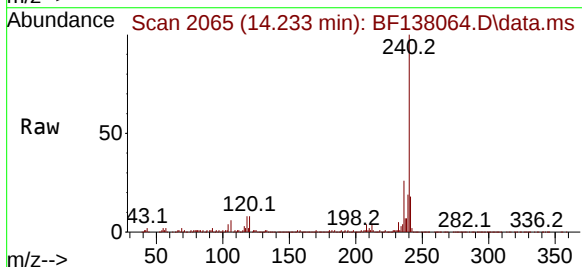
Instrument :
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HR-01-05242024

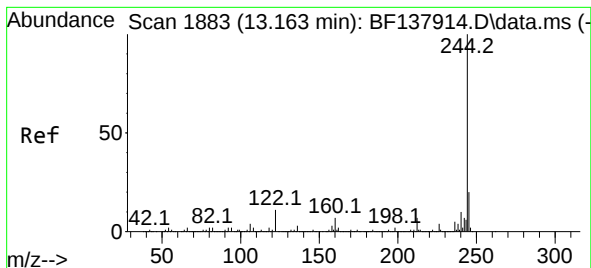
Tgt Ion:188 Resp: 191171
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.4
80 8.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF138064.D
Acq: 29 May 2024 17:37

Tgt Ion:240 Resp: 146537
Ion Ratio Lower Upper
240 100
120 8.4 8.9 13.3#
236 25.8 21.0 31.4





#79

Terphenyl-d14

Concen: 5.727 ng

RT: 13.163 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138064.D

Acq: 29 May 2024 17:37

Instrument :

BNA_F

ClientSampleId :

HR-01-05242024

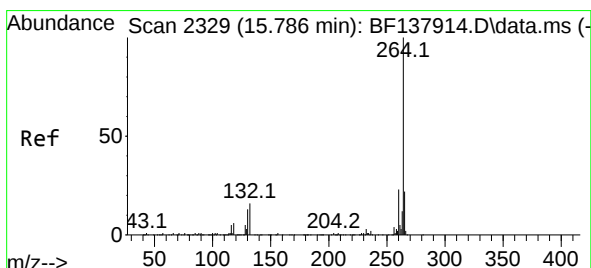
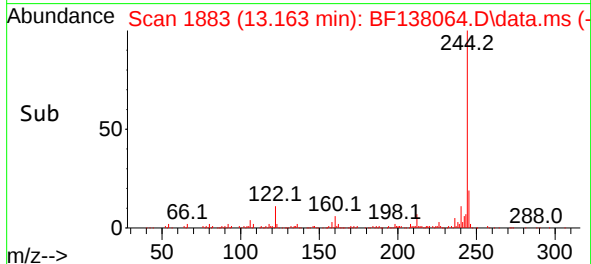
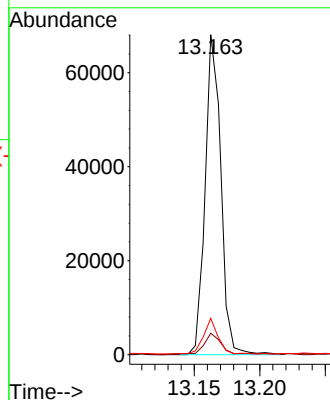
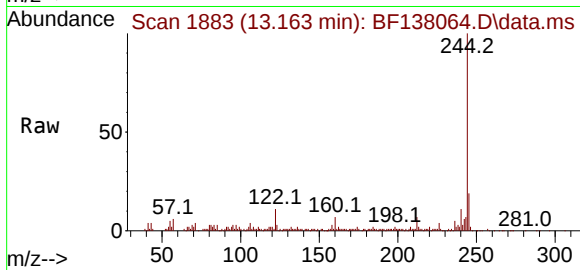
Tgt Ion:244 Resp: 56946

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 11.3 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.804 min Scan# 2332

Delta R.T. 0.018 min

Lab File: BF138064.D

Acq: 29 May 2024 17:37

Tgt Ion:264 Resp: 119559

Ion Ratio Lower Upper

264 100

260 22.5 18.3 27.5

265 21.7 17.6 26.4

