

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138073.D
Acq On : 30 May 2024 13:59
Operator : CG\JU
Sample : P2612-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT1486

Quant Time: May 30 14:33:00 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	91849	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	349567	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	201371	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	324896	20.000	ng	0.00
76) Chrysene-d12	14.233	240	117803	20.000	ng	0.00
86) Perylene-d12	15.815	264	34973m	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	669193	123.760	ng	0.02
7) Phenol-d6	6.663	99	707151	106.166	ng	0.00
23) Nitrobenzene-d5	7.598	82	545969	91.915	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	306545	150.976	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1217788	93.155	ng	0.00
79) Terphenyl-d14	13.169	244	1067377	133.537	ng	0.00

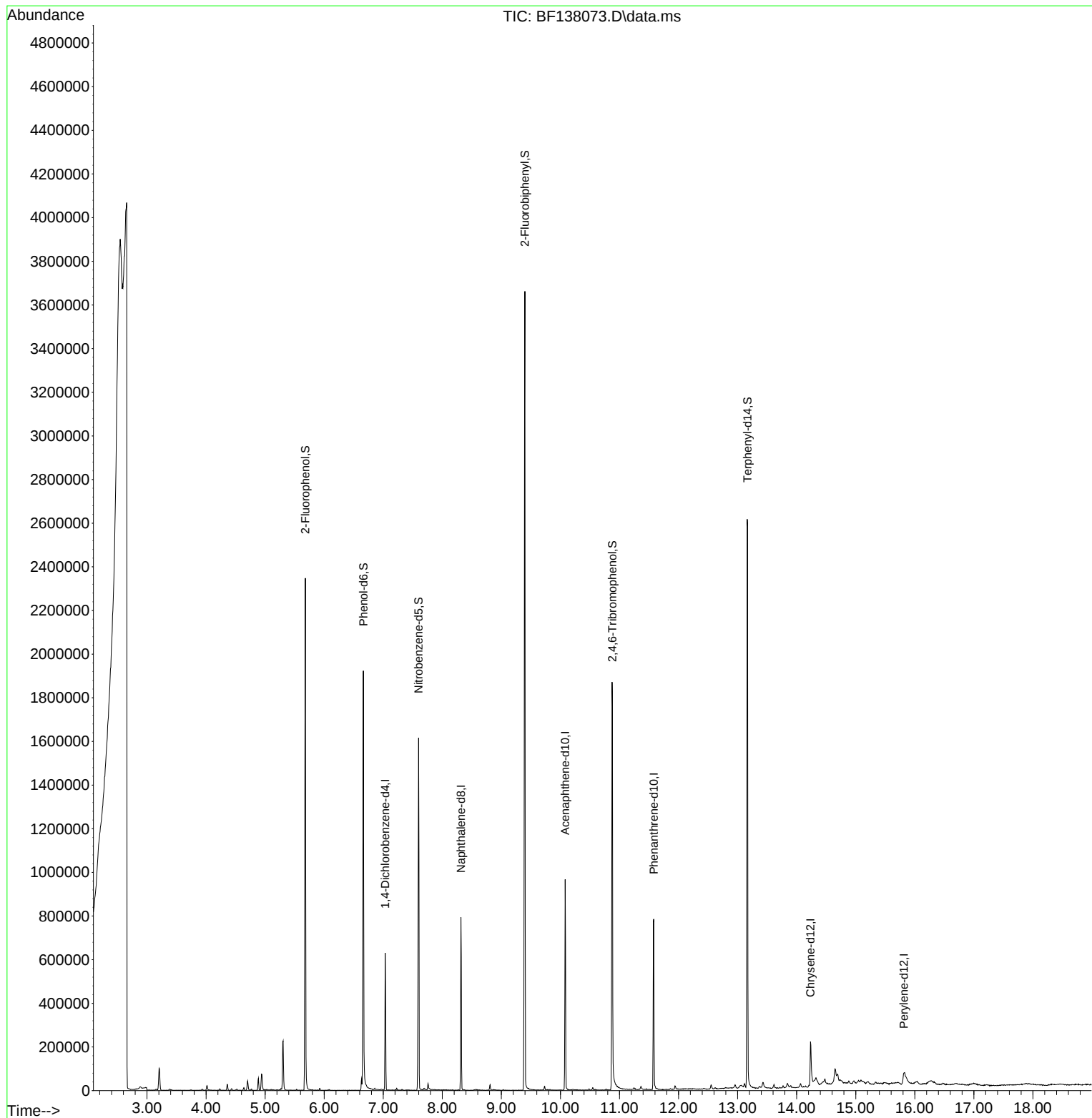
Target Compounds	Qvalue

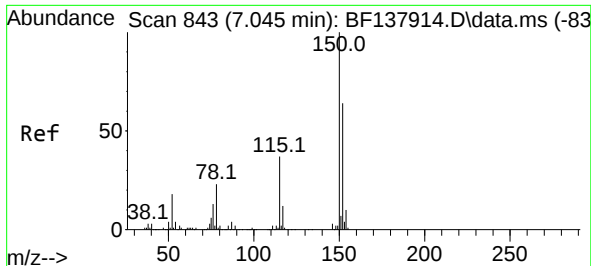
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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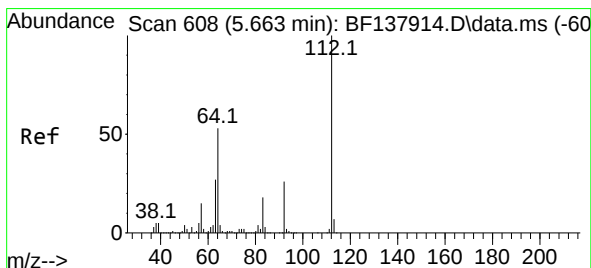
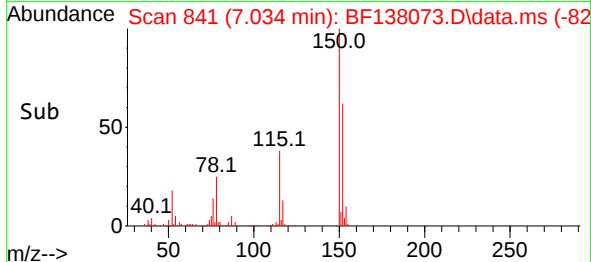
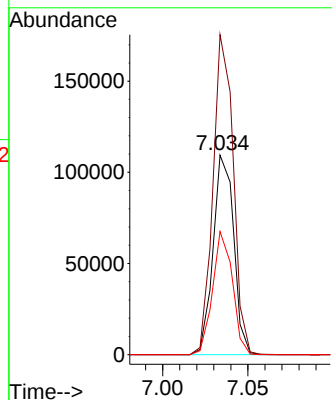
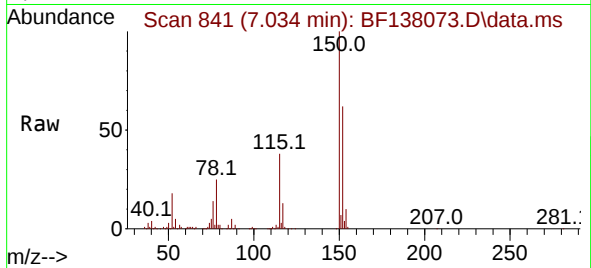




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138073.D
Acq: 30 May 2024 13:59

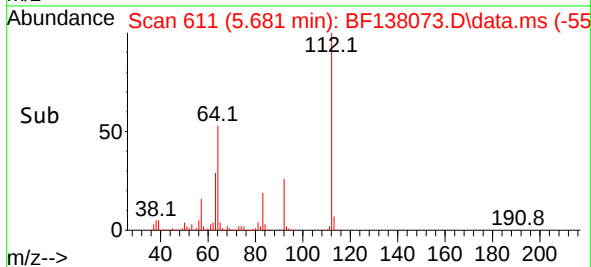
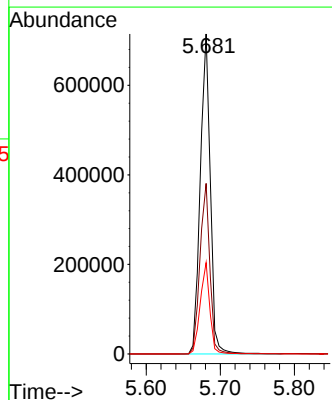
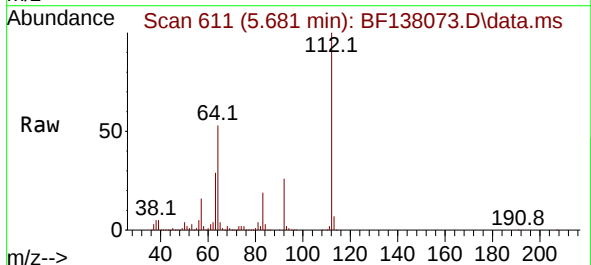
Instrument :
BNA_F
ClientSampleId :
RT1486

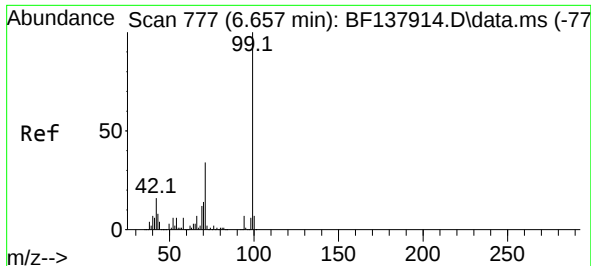
Tgt Ion:152 Resp: 91849
Ion Ratio Lower Upper
152 100
150 160.3 125.7 188.5
115 61.7 47.0 70.6



#5
2-Fluorophenol
Concen: 123.760 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.018 min
Lab File: BF138073.D
Acq: 30 May 2024 13:59

Tgt Ion:112 Resp: 669193
Ion Ratio Lower Upper
112 100
64 53.3 42.4 63.6
63 28.6 21.4 32.2

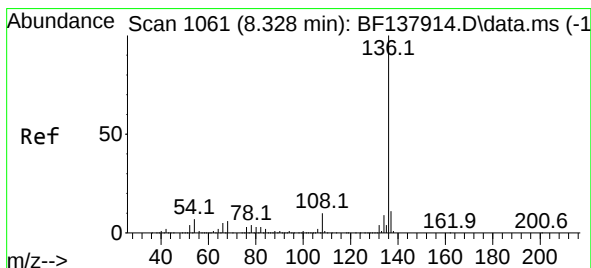
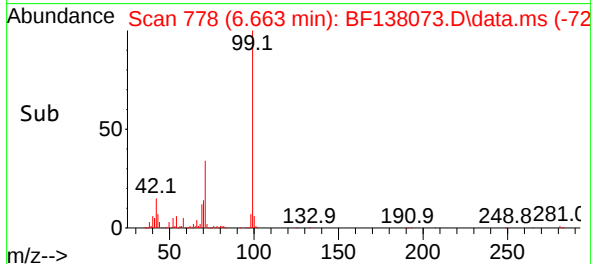
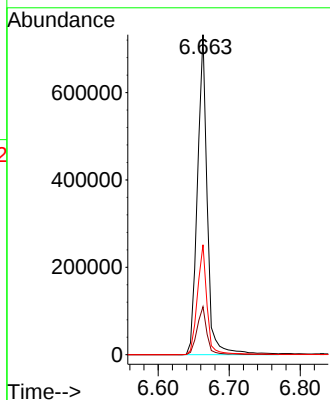
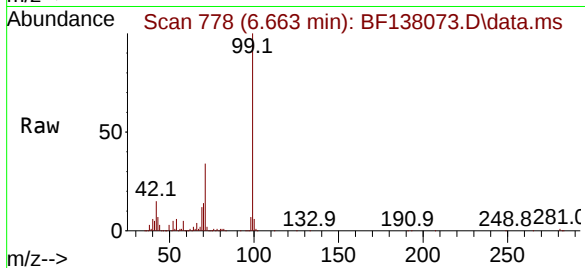




#7
Phenol-d6
Concen: 106.166 ng
RT: 6.663 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF138073.D
Acq: 30 May 2024 13:59

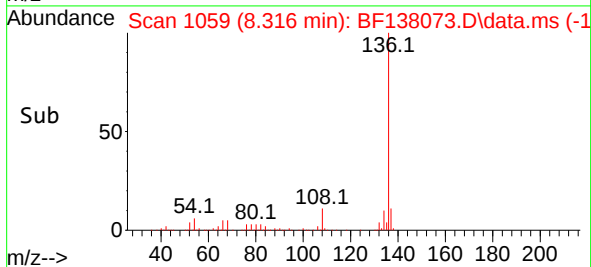
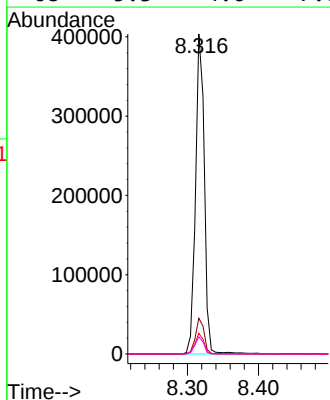
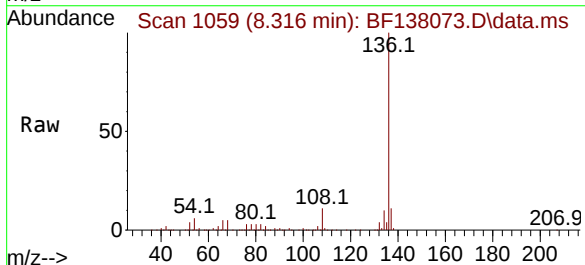
Instrument :
BNA_F
ClientSampleId :
RT1486

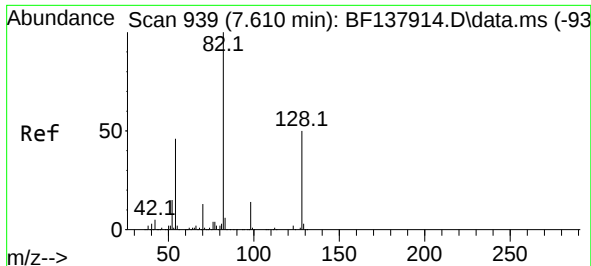
Tgt Ion: 99 Resp: 707151
Ion Ratio Lower Upper
99 100
42 15.0 12.6 18.8
71 34.4 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138073.D
Acq: 30 May 2024 13:59

Tgt Ion: 136 Resp: 349567
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 6.4 5.4 8.2
68 5.3 4.6 7.0





#23

Nitrobenzene-d5

Concen: 91.915 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138073.D

Acq: 30 May 2024 13:59

Instrument :

BNA_F

ClientSampleId :

RT1486

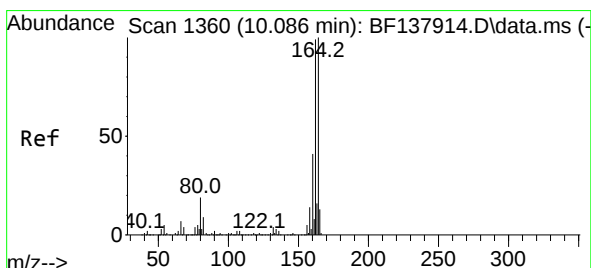
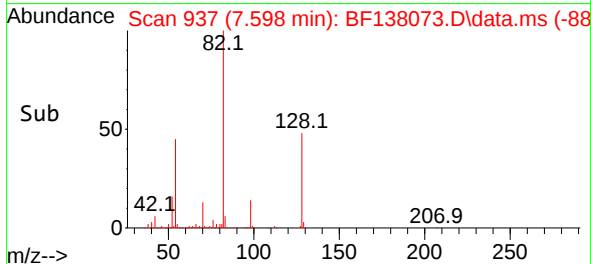
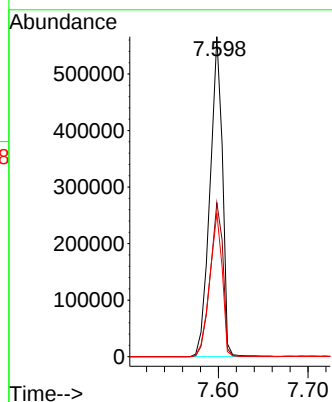
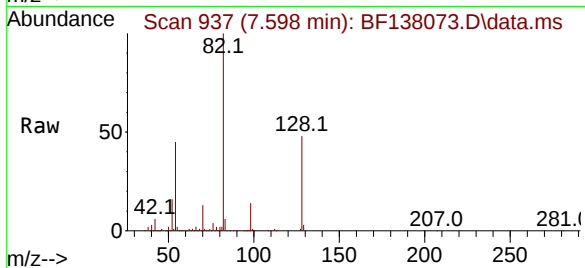
Tgt Ion: 82 Resp: 545969

Ion Ratio Lower Upper

82 100

128 48.1 40.3 60.5

54 44.9 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: BF138073.D

Acq: 30 May 2024 13:59

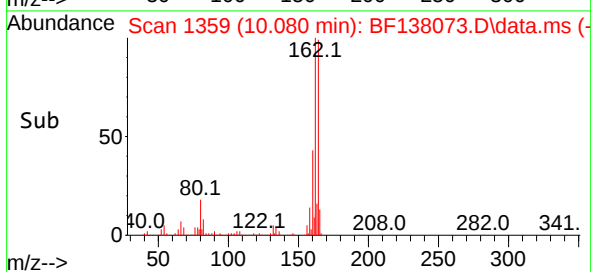
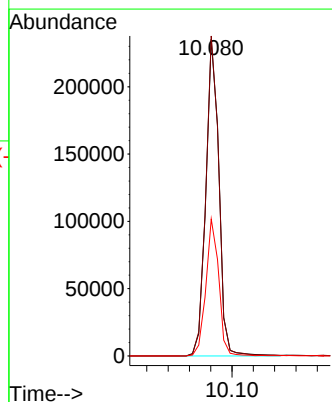
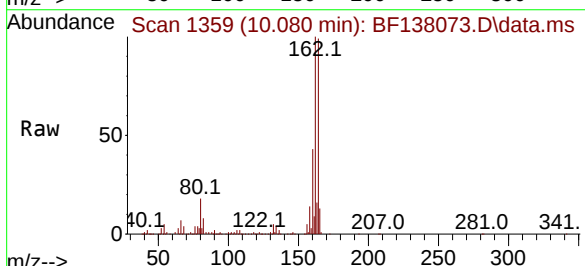
Tgt Ion: 164 Resp: 201371

Ion Ratio Lower Upper

164 100

162 101.0 79.4 119.2

160 43.3 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 150.976 ng

RT: 10.880 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BF138073.D

Acq: 30 May 2024 13:59

Instrument :

BNA_F

ClientSampleId :

RT1486

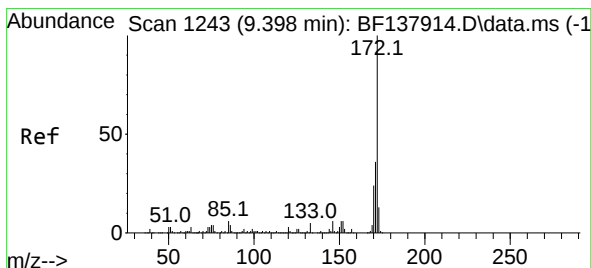
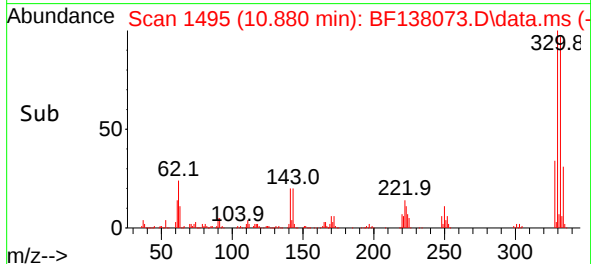
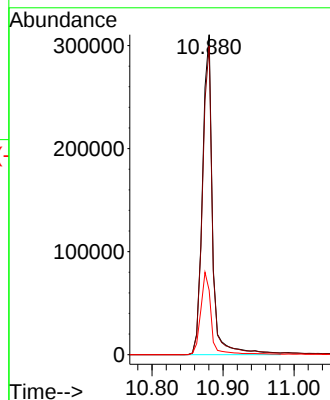
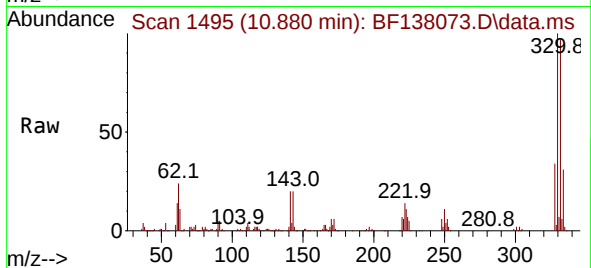
Tgt Ion:330 Resp: 306545

Ion Ratio Lower Upper

330 100

332 96.2 75.8 113.8

141 27.0 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 93.155 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF138073.D

Acq: 30 May 2024 13:59

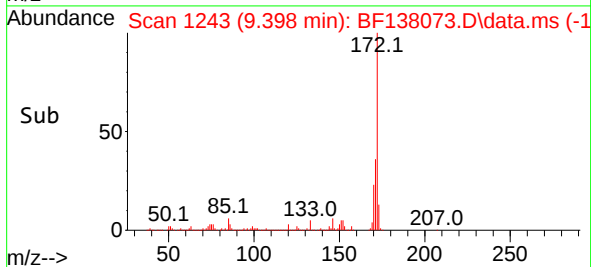
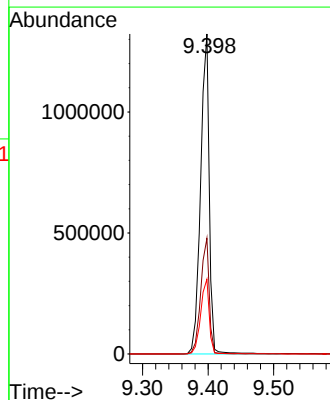
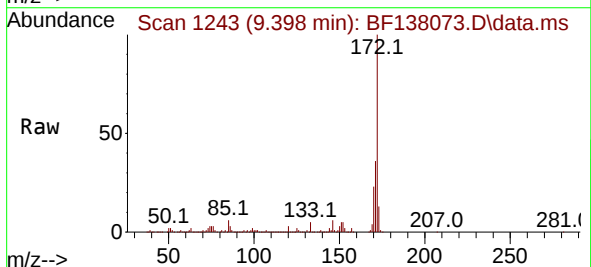
Tgt Ion:172 Resp: 1217788

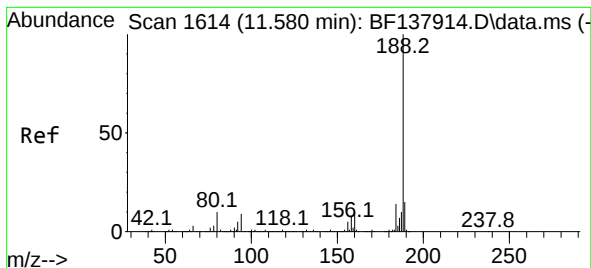
Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

170 23.4 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: BF138073.D

Acq: 30 May 2024 13:59

Instrument :

BNA_F

ClientSampleId :

RT1486

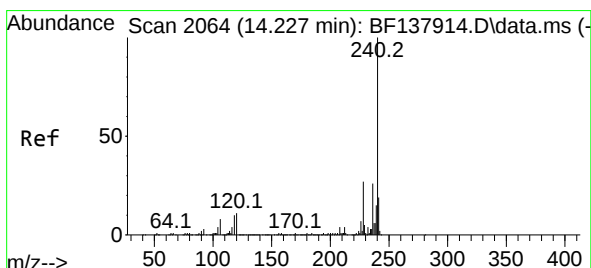
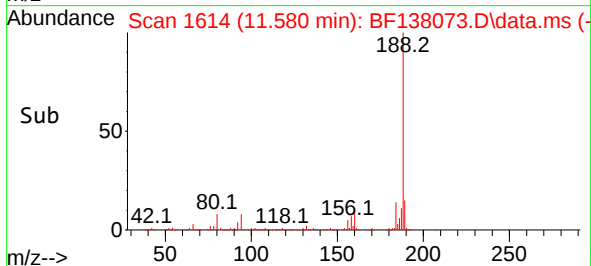
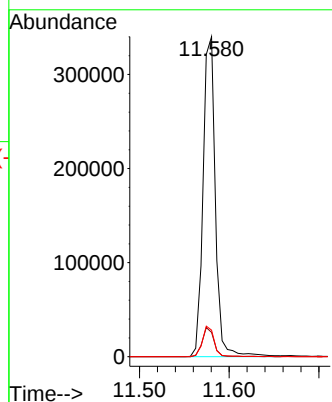
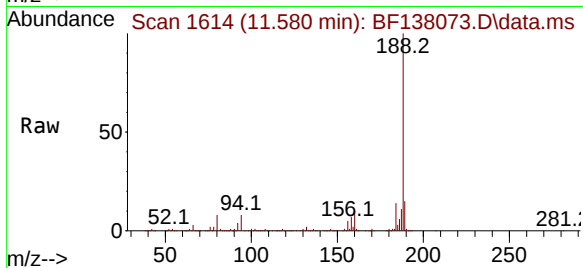
Tgt Ion:188 Resp: 324896

Ion Ratio Lower Upper

188 100

94 7.6 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: BF138073.D

Acq: 30 May 2024 13:59

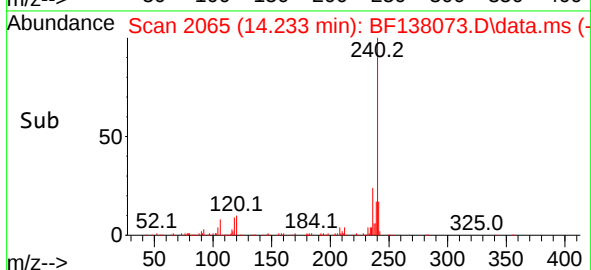
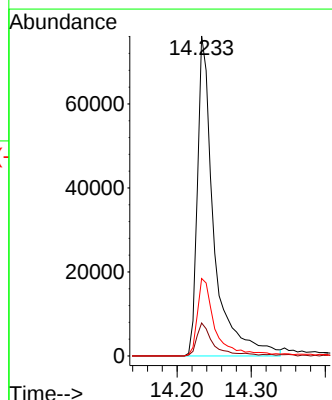
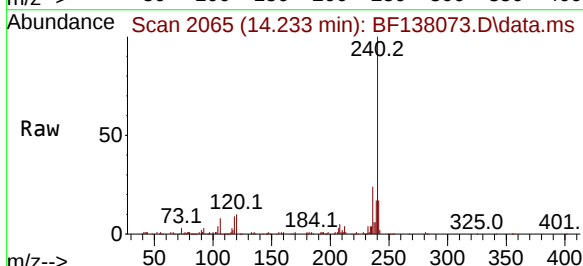
Tgt Ion:240 Resp: 117803

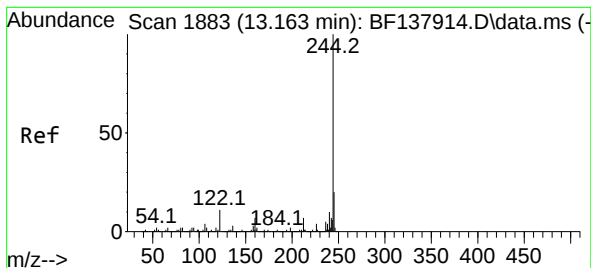
Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 24.2 21.0 31.4





#79

Terphenyl-d14

Concen: 133.537 ng

RT: 13.169 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138073.D

Acq: 30 May 2024 13:59

Instrument :

BNA_F

ClientSampleId :

RT1486

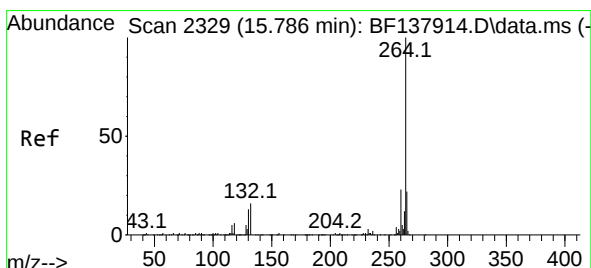
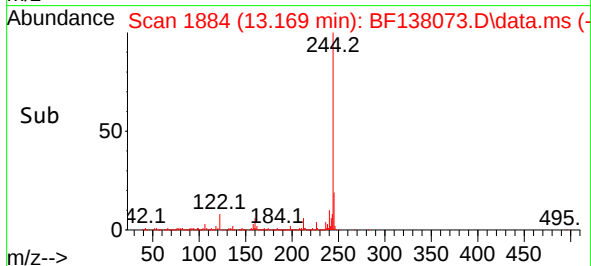
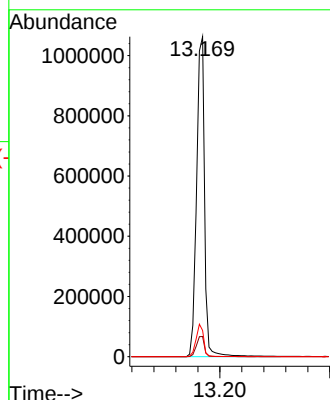
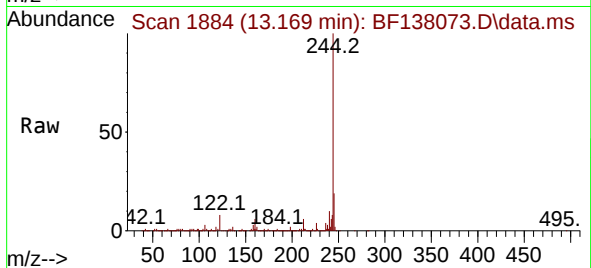
Tgt Ion:244 Resp: 1067377

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

122 8.2 8.8 13.2#



#86

Perylene-d12

Concen: 20.000 ng m

RT: 15.815 min Scan# 2334

Delta R.T. 0.029 min

Lab File: BF138073.D

Acq: 30 May 2024 13:59

Tgt Ion:264 Resp: 34973

Ion Ratio Lower Upper

264 100

260 38.4 18.3 27.5#

265 23.0 17.6 26.4

