

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137936.D
 Acq On : 17 May 2024 17:18
 Operator : CG\JU
 Sample : P2497-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280856

Quant Time: May 17 17:40:07 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	7.039	152	123953	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	471134	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	265845	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	468897	20.000	ng	0.00
76) Chrysene-d12	14.221	240	266941	20.000	ng	0.00
86) Perylene-d12	15.786	264	288274	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	845231	115.830	ng	0.01
7) Phenol-d6	6.657	99	960215	106.822	ng	0.00
23) Nitrobenzene-d5	7.604	82	688683	86.025	ng	0.00
42) 2,4,6-Tribromophenol	10.874	330	375949	140.253	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1444977	83.726	ng	0.00
79) Terphenyl-d14	13.163	244	1618509	89.359	ng	0.00

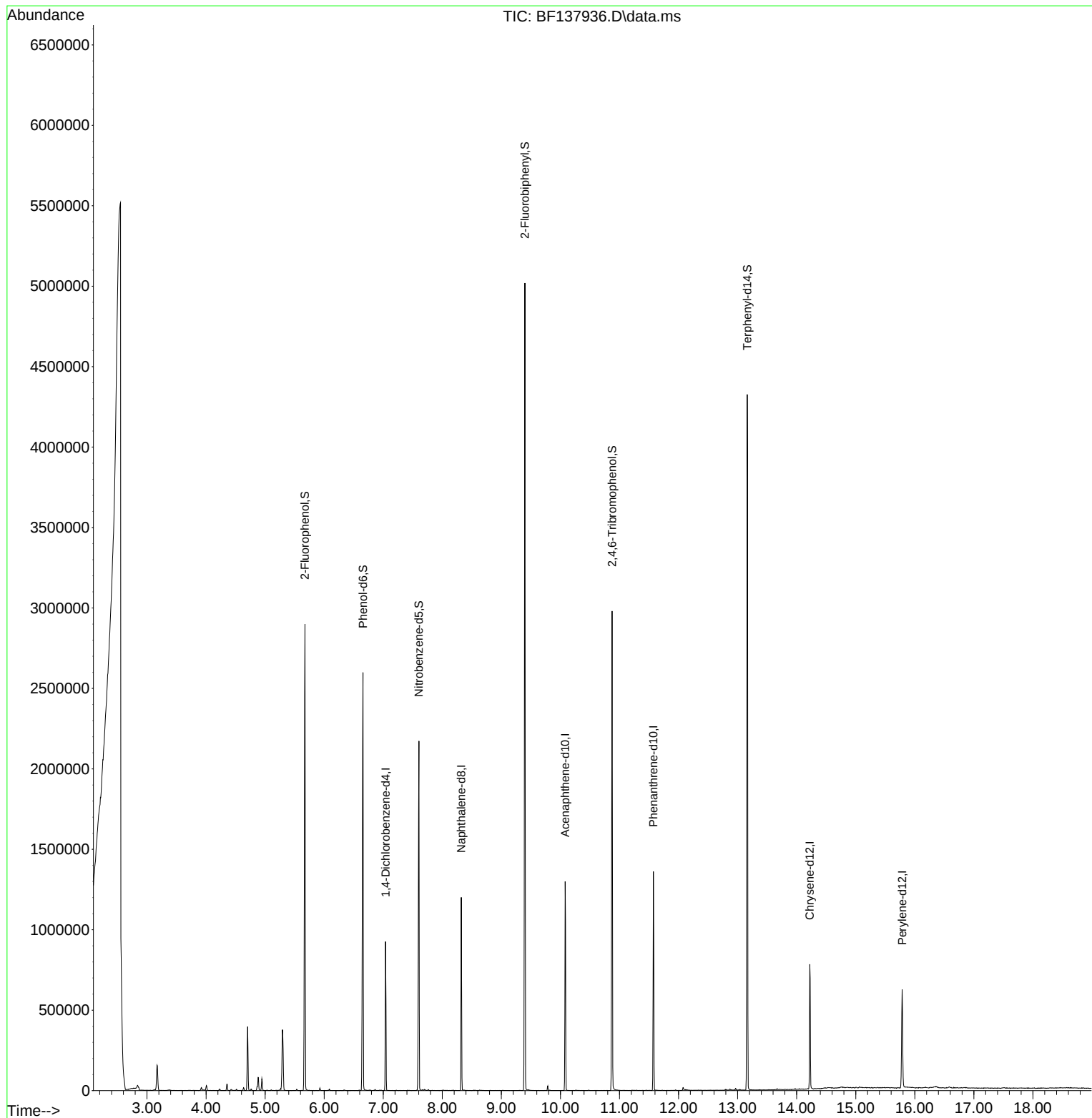
Target Compounds	Qvalue

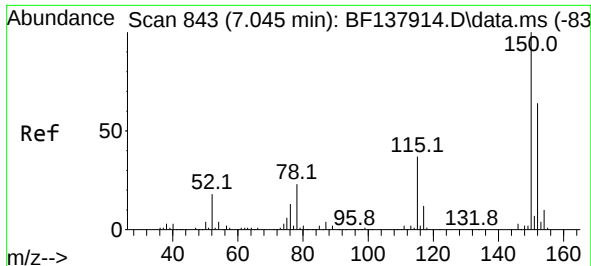
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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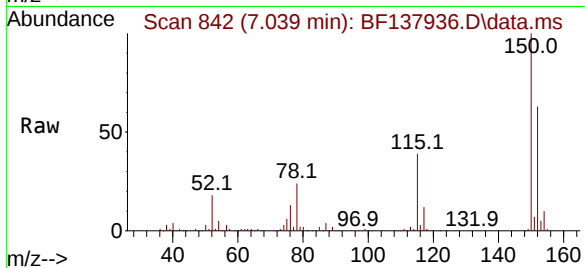
Quant Time: May 17 17:40:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
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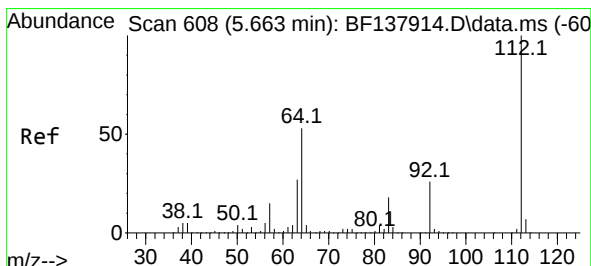
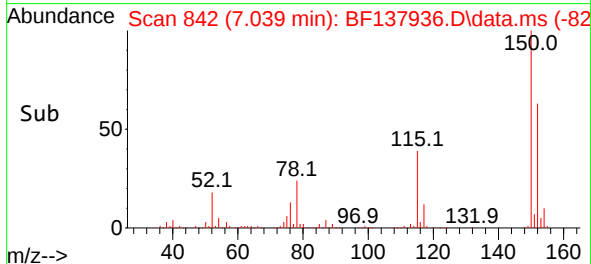
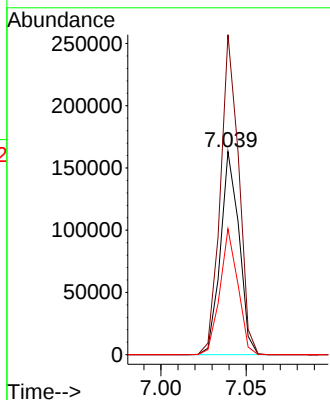


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137936.D
Acq: 17 May 2024 17:18

Instrument :
BNA_F
ClientSampleId :
280856

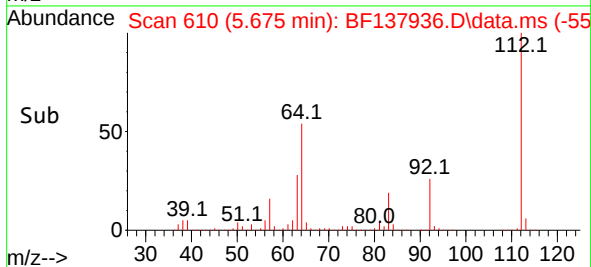
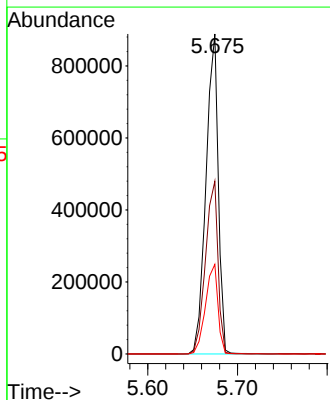
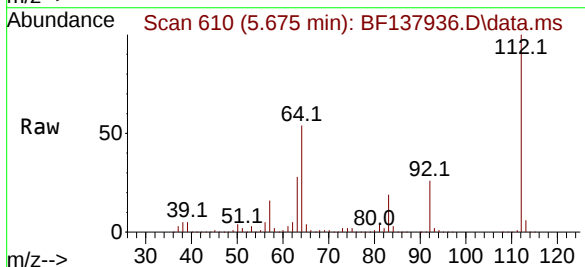


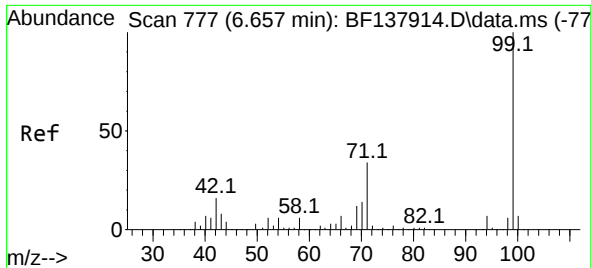
Tgt Ion:152 Resp: 123953
Ion Ratio Lower Upper
152 100
150 157.5 125.7 188.5
115 62.0 47.0 70.6



#5
2-Fluorophenol
Concen: 115.830 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137936.D
Acq: 17 May 2024 17:18

Tgt Ion:112 Resp: 845231
Ion Ratio Lower Upper
112 100
64 53.9 42.4 63.6
63 28.0 21.4 32.2

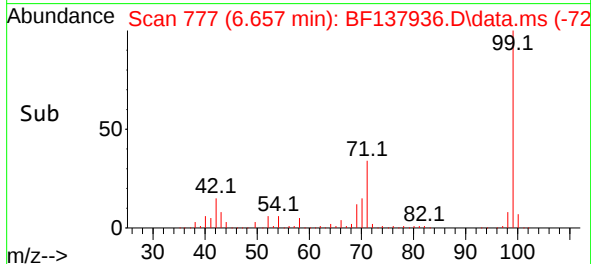
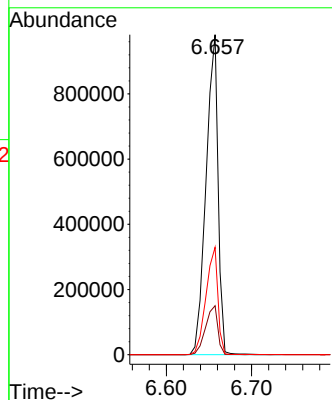
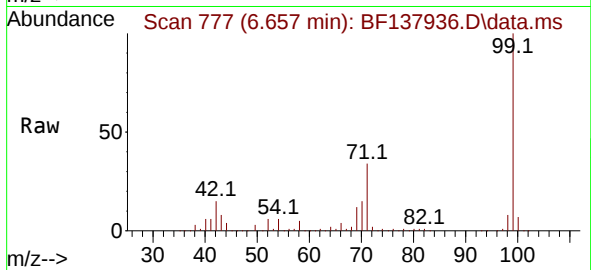




#7
Phenol-d6
Concen: 106.822 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137936.D
Acq: 17 May 2024 17:18

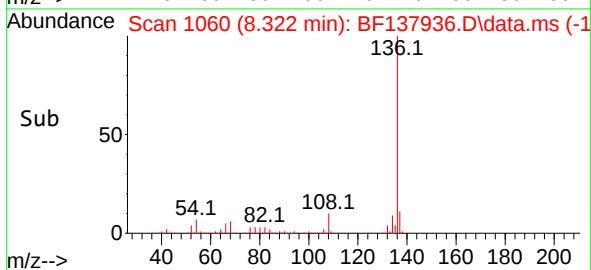
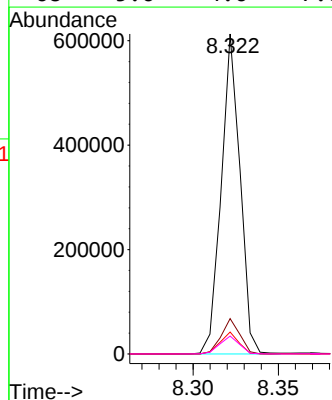
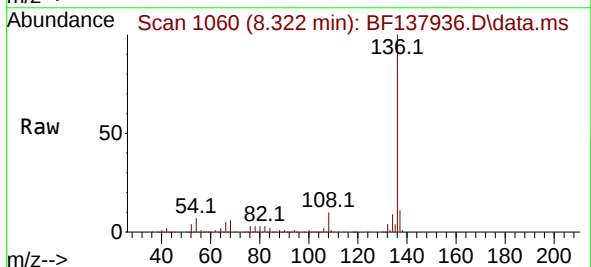
Instrument :
BNA_F
ClientSampleId :
280856

Tgt Ion: 99 Resp: 960215
Ion Ratio Lower Upper
99 100
42 15.3 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: BF137936.D
Acq: 17 May 2024 17:18

Tgt Ion: 136 Resp: 471134
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.9 5.4 8.2
68 5.6 4.6 7.0

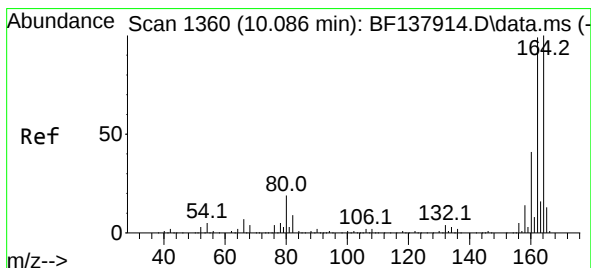
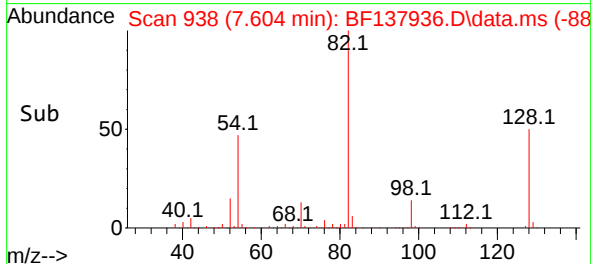
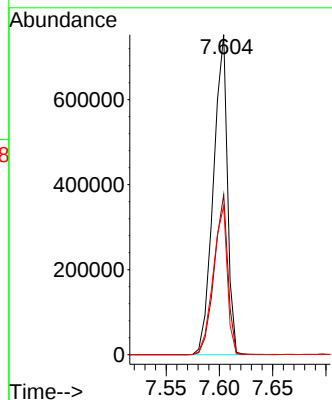
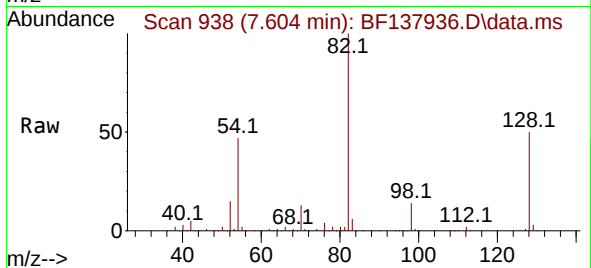




#23
Nitrobenzene-d5
Concen: 86.025 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137936.D
Acq: 17 May 2024 17:18

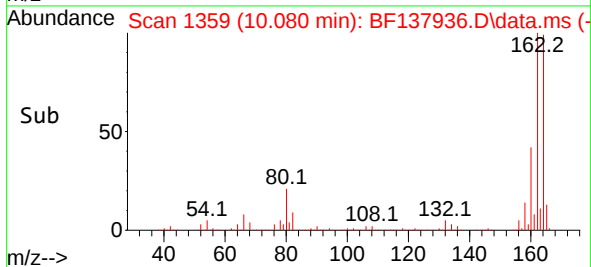
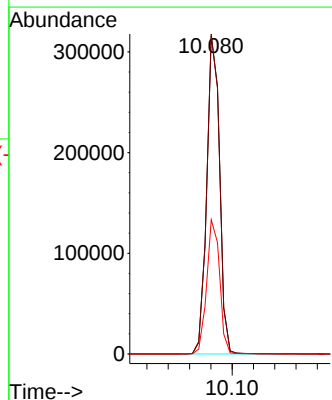
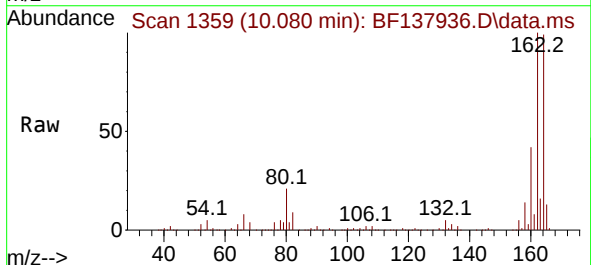
Instrument :
BNA_F
ClientSampleId :
280856

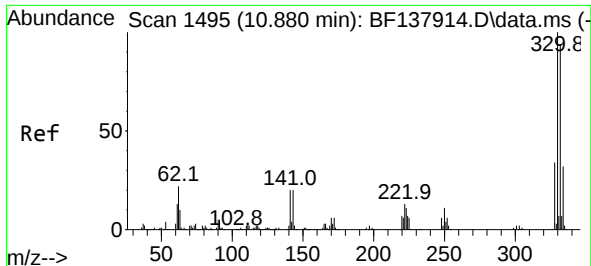
Tgt Ion: 82 Resp: 688683
Ion Ratio Lower Upper
82 100
128 50.0 40.3 60.5
54 46.5 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF137936.D
Acq: 17 May 2024 17:18

Tgt Ion:164 Resp: 265845
Ion Ratio Lower Upper
164 100
162 100.6 79.4 119.2
160 42.2 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 140.253 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137936.D

Acq: 17 May 2024 17:18

Instrument :

BNA_F

ClientSampleId :

280856

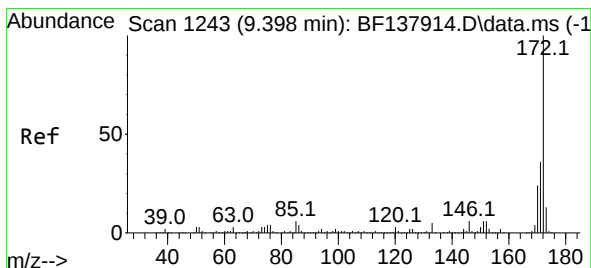
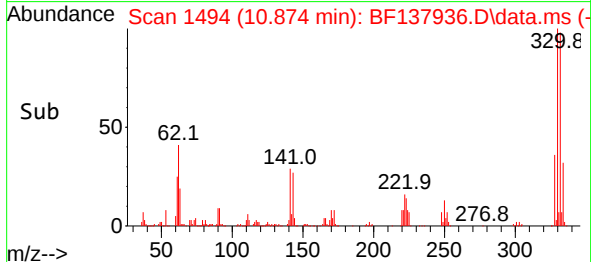
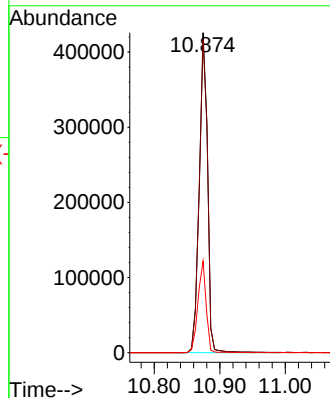
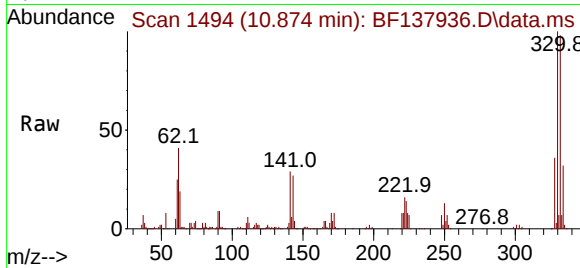
Tgt Ion:330 Resp: 375949

Ion Ratio Lower Upper

330 100

332 98.7 75.8 113.8

141 28.3 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 83.726 ng

RT: 9.398 min Scan# 1243

Delta R.T. -0.000 min

Lab File: BF137936.D

Acq: 17 May 2024 17:18

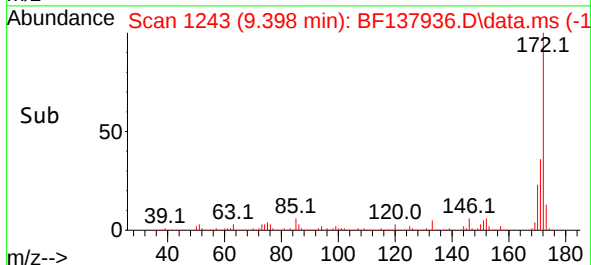
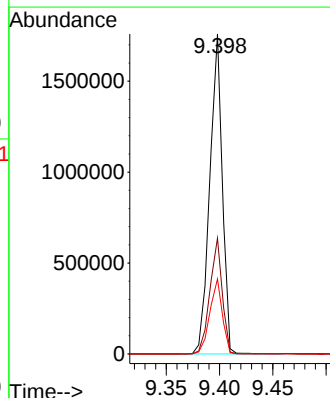
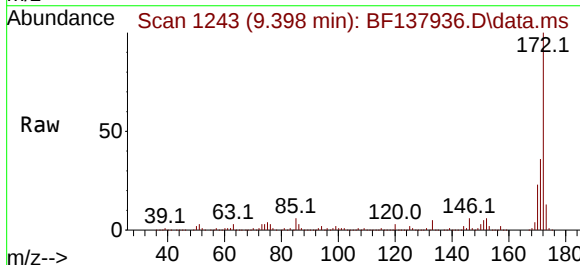
Tgt Ion:172 Resp: 1444977

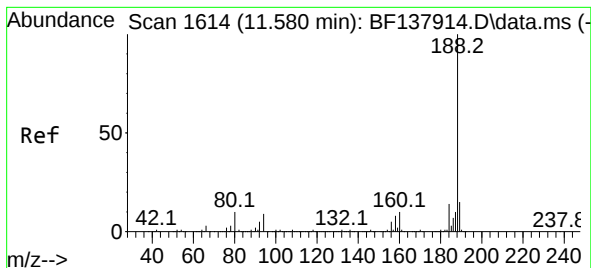
Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137936.D

Acq: 17 May 2024 17:18

Instrument :

BNA_F

ClientSampleId :

280856

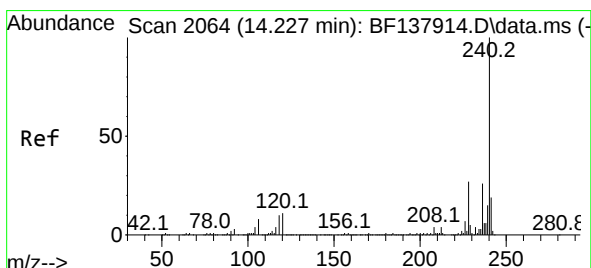
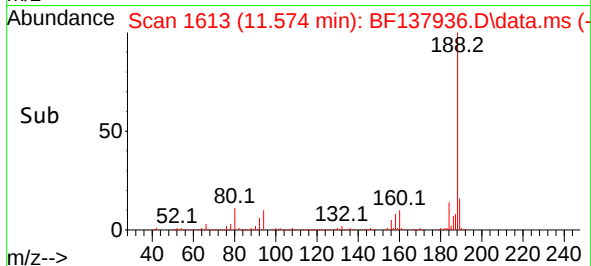
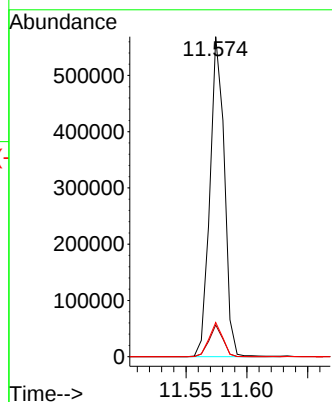
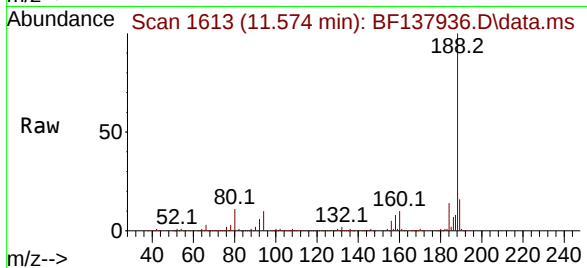
Tgt Ion:188 Resp: 468897

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.4

80 10.7 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.221 min Scan# 2063

Delta R.T. -0.006 min

Lab File: BF137936.D

Acq: 17 May 2024 17:18

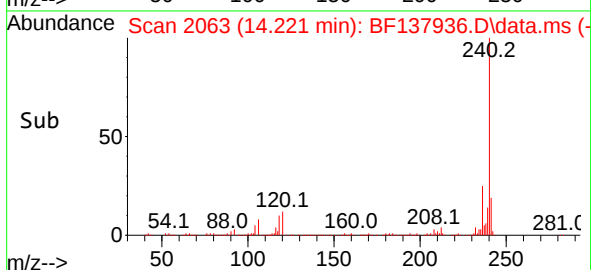
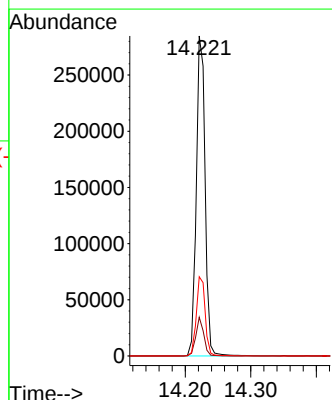
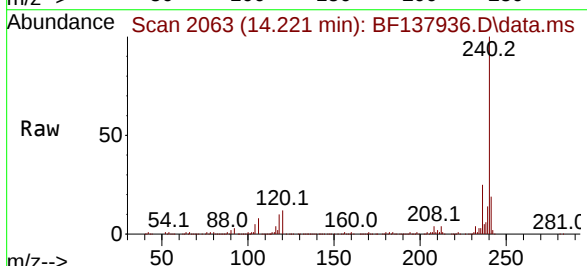
Tgt Ion:240 Resp: 266941

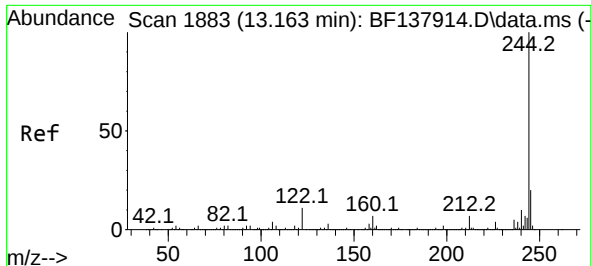
Ion Ratio Lower Upper

240 100

120 12.1 8.9 13.3

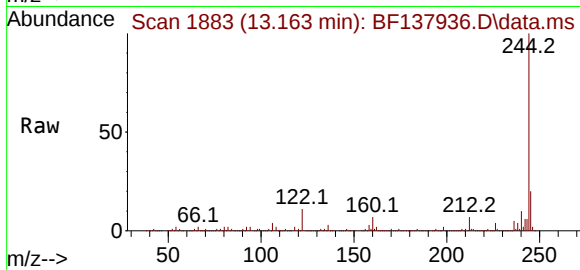
236 24.7 21.0 31.4



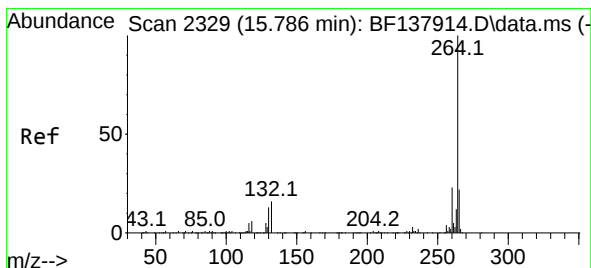
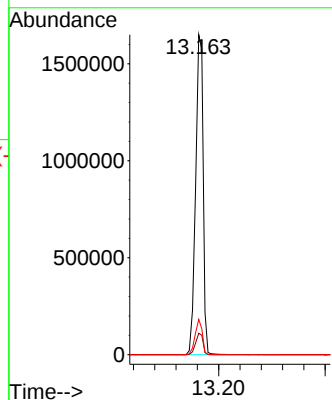
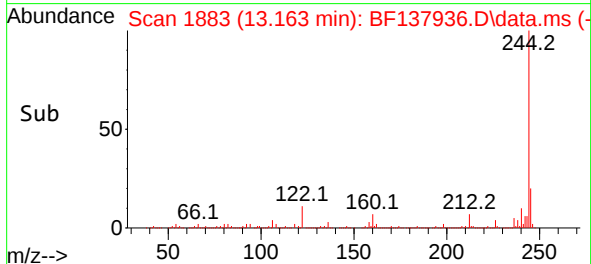


#79
 Terphenyl-d14
 Concen: 89.359 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: BF137936.D
 Acq: 17 May 2024 17:18

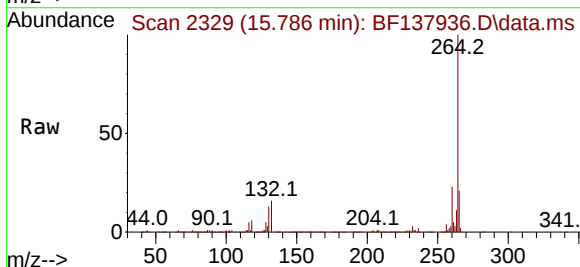
Instrument :
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 280856



Tgt Ion:244 Resp: 1618509
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.786 min Scan# 2329
 Delta R.T. -0.000 min
 Lab File: BF137936.D
 Acq: 17 May 2024 17:18



Tgt Ion:264 Resp: 288274
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.3 27.5
 265 20.9 17.6 26.4

