

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137938.D
 Acq On : 17 May 2024 18:18
 Operator : CG\JU
 Sample : P2497-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3997

Quant Time: May 17 22:53:03 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	7.040	152	125120	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	485353	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	253614	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	496166	20.000	ng	0.00
76) Chrysene-d12	14.221	240	286148	20.000	ng	0.00
86) Perylene-d12	15.786	264	189979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	894281	121.409	ng	0.01
7) Phenol-d6	6.657	99	970181	106.924	ng	0.00
23) Nitrobenzene-d5	7.604	82	704958	85.478	ng	0.00
42) 2,4,6-Tribromophenol	10.875	330	402559	157.423	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1519161	92.270	ng	0.00
79) Terphenyl-d14	13.163	244	1795187	92.461	ng	0.00

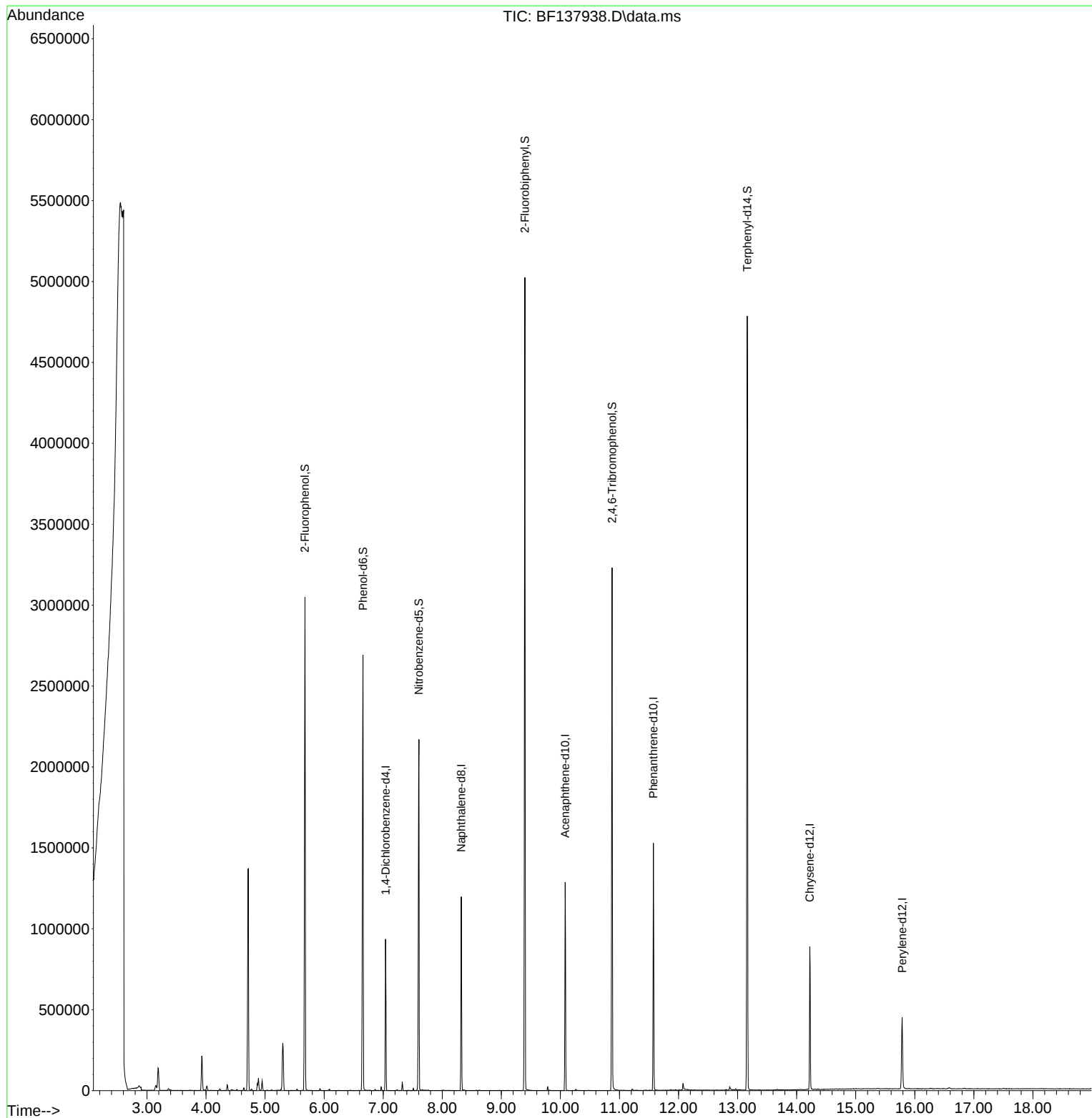
Target Compounds	Qvalue

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

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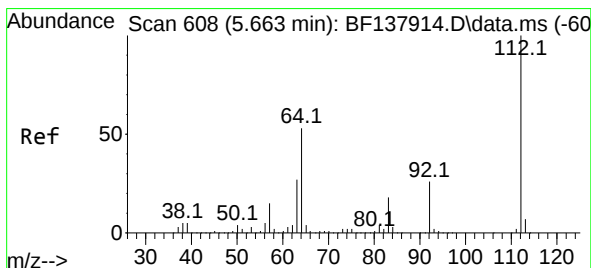
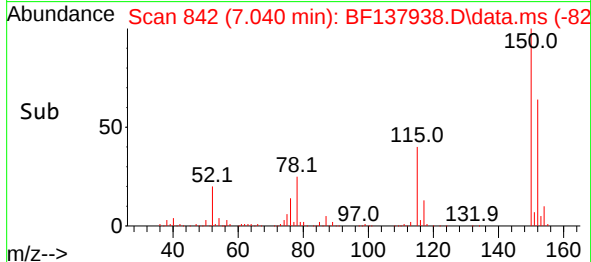
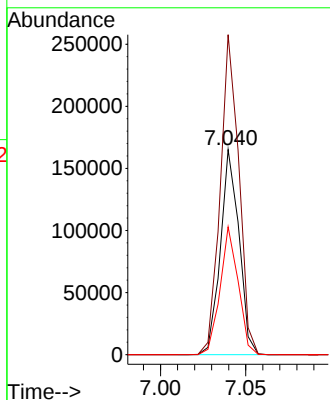
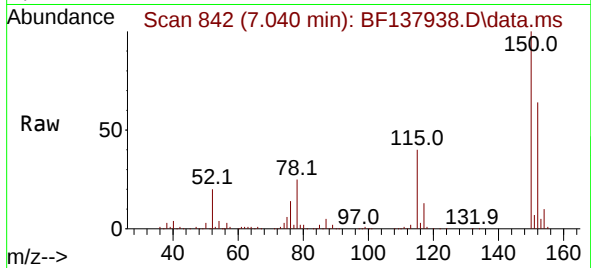




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF137938.D
Acq: 17 May 2024 18:18

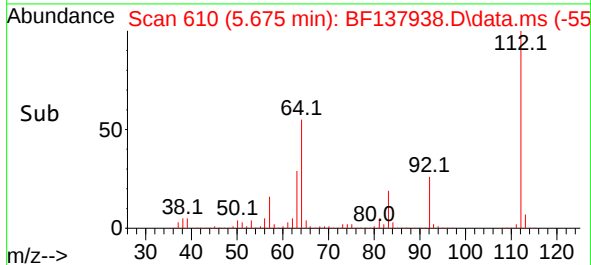
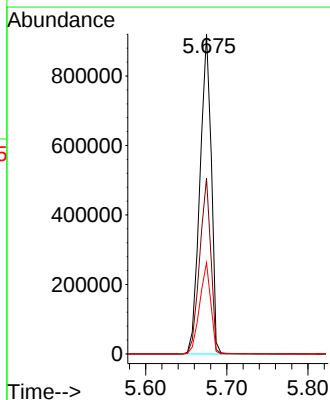
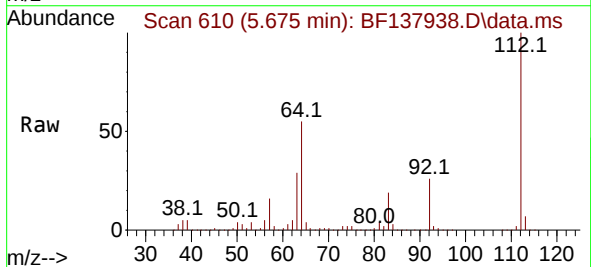
Instrument :
BNA_F
ClientSampleId :
RT3997

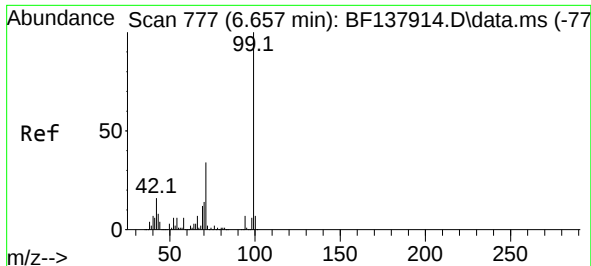
Tgt Ion:152 Resp: 125120
Ion Ratio Lower Upper
152 100
150 156.0 125.7 188.5
115 62.4 47.0 70.6



#5
2-Fluorophenol
Concen: 121.409 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137938.D
Acq: 17 May 2024 18:18

Tgt Ion:112 Resp: 894281
Ion Ratio Lower Upper
112 100
64 54.9 42.4 63.6
63 28.5 21.4 32.2

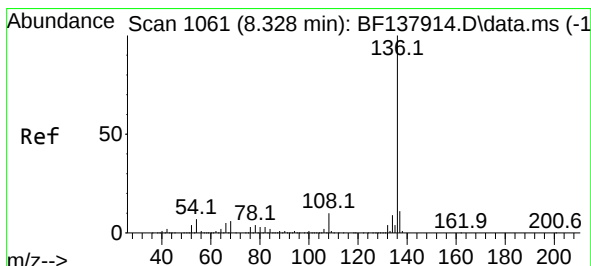
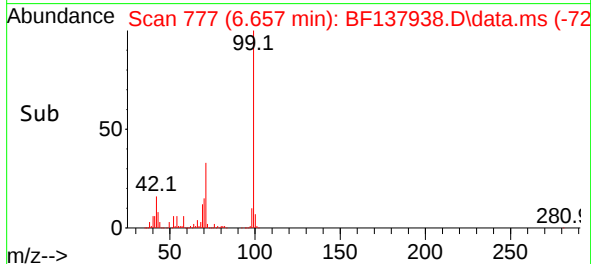
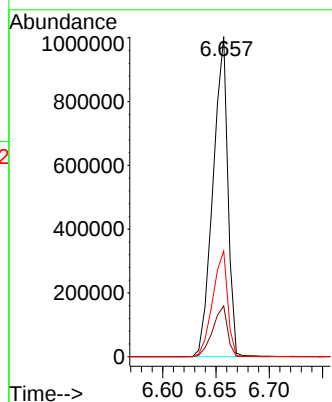
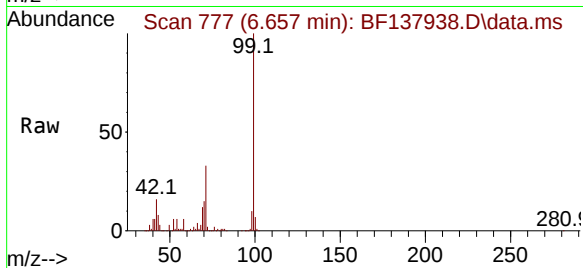




#7
Phenol-d6
Concen: 106.924 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137938.D
Acq: 17 May 2024 18:18

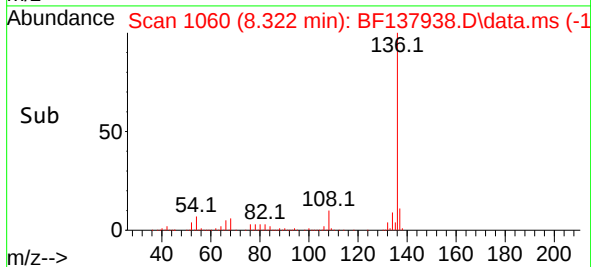
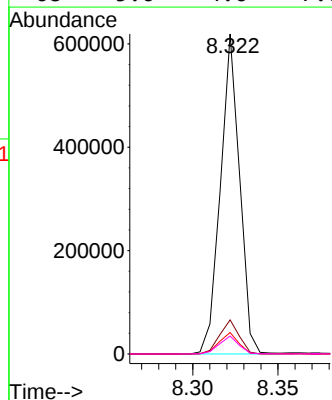
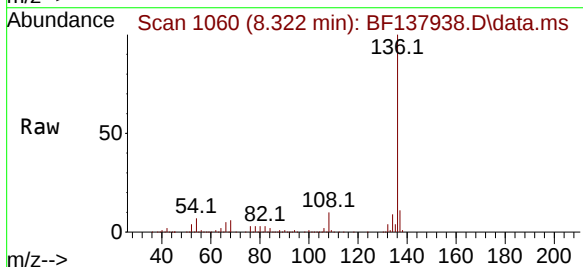
Instrument :
BNA_F
ClientSampleId :
RT3997

Tgt Ion: 99 Resp: 970181
Ion Ratio Lower Upper
99 100
42 15.8 12.6 18.8
71 33.1 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: BF137938.D
Acq: 17 May 2024 18:18

Tgt Ion: 136 Resp: 485353
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.7 5.4 8.2
68 5.6 4.6 7.0





#23

Nitrobenzene-d5

Concen: 85.478 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137938.D

Acq: 17 May 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3997

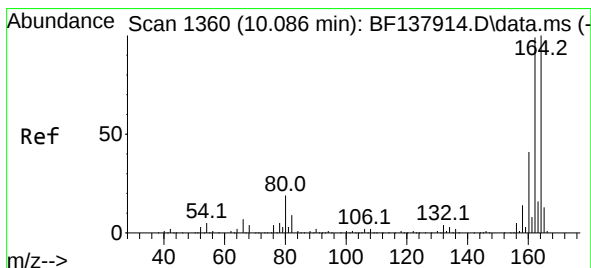
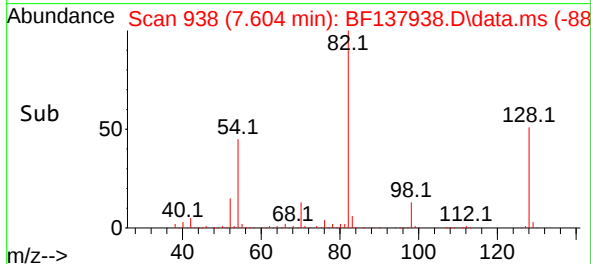
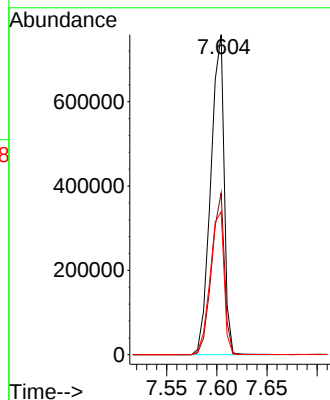
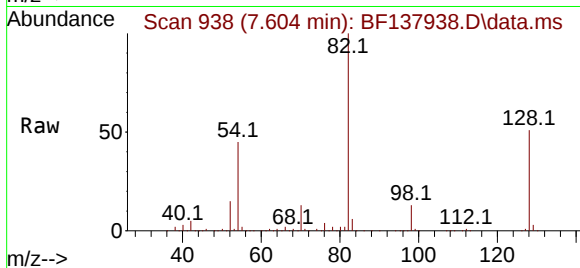
Tgt Ion: 82 Resp: 704958

Ion Ratio Lower Upper

82 100

128 50.6 40.3 60.5

54 44.7 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.081 min Scan# 1359

Delta R.T. -0.005 min

Lab File: BF137938.D

Acq: 17 May 2024 18:18

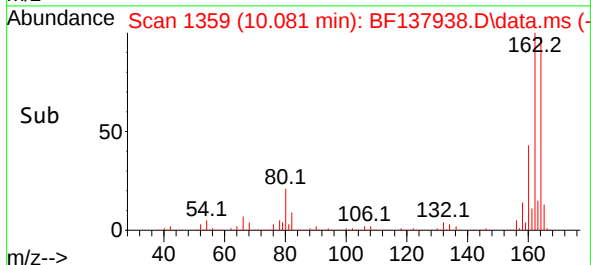
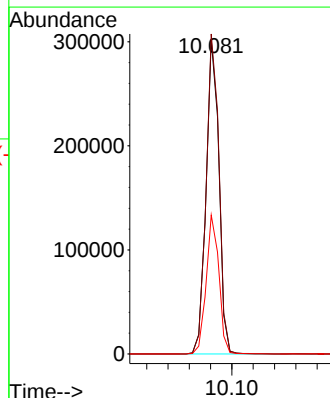
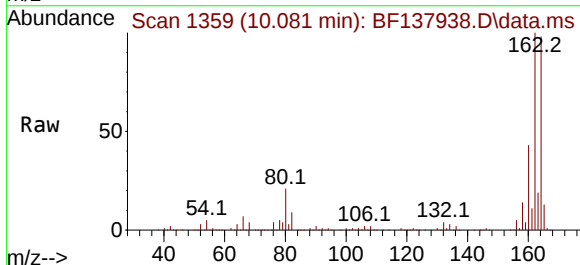
Tgt Ion:164 Resp: 253614

Ion Ratio Lower Upper

164 100

162 101.8 79.4 119.2

160 44.2 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 157.423 ng

RT: 10.875 min Scan# 1495

Delta R.T. -0.006 min

Lab File: BF137938.D

Acq: 17 May 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3997

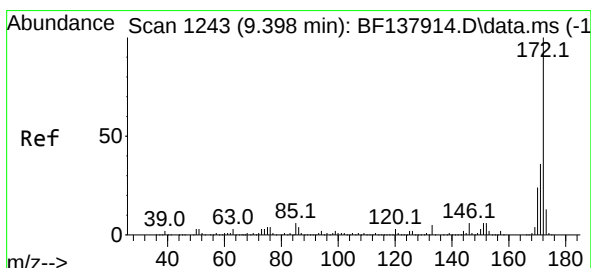
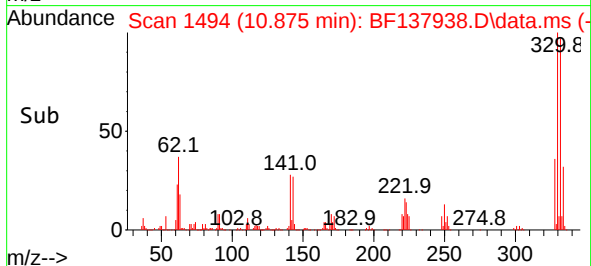
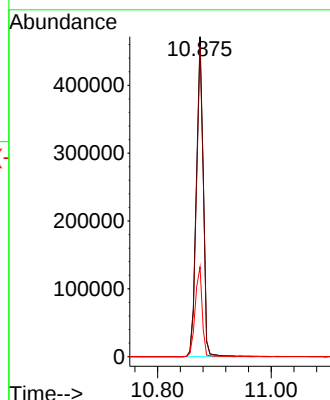
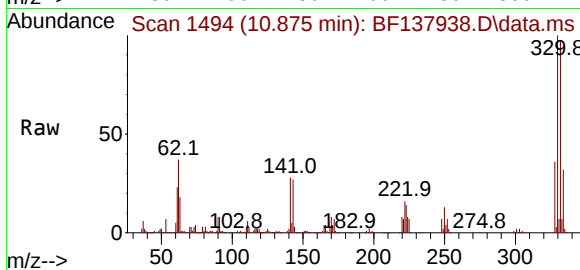
Tgt Ion:330 Resp: 402559

Ion Ratio Lower Upper

330 100

332 96.2 75.8 113.8

141 28.4 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 92.270 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF137938.D

Acq: 17 May 2024 18:18

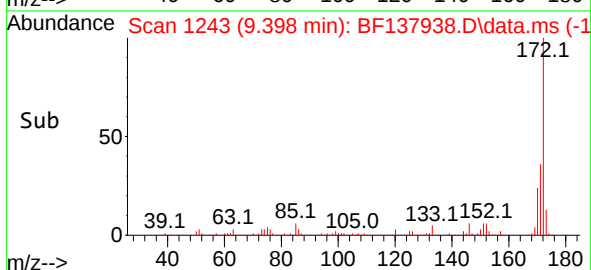
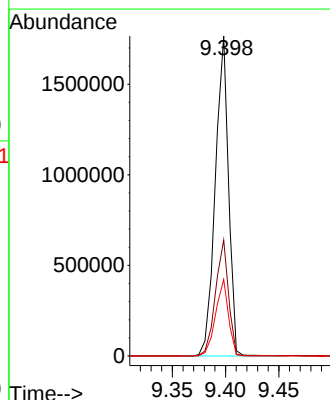
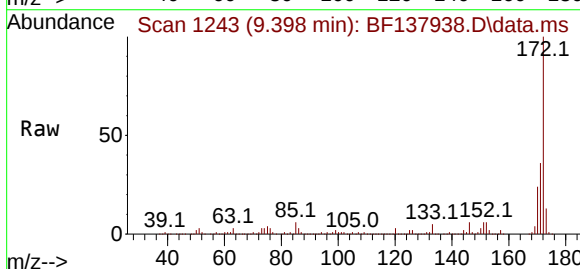
Tgt Ion:172 Resp: 1519161

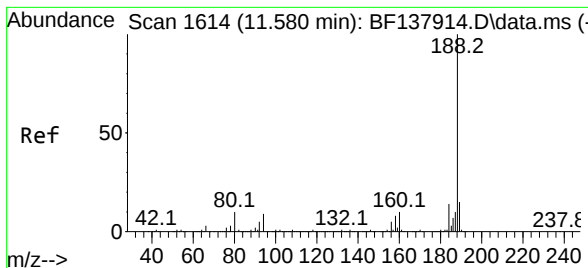
Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

170 23.9 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137938.D

Acq: 17 May 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3997

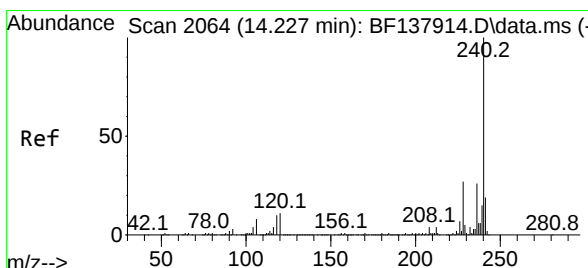
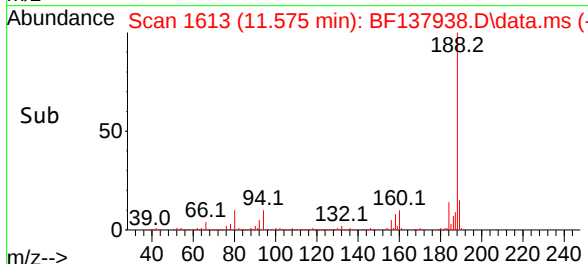
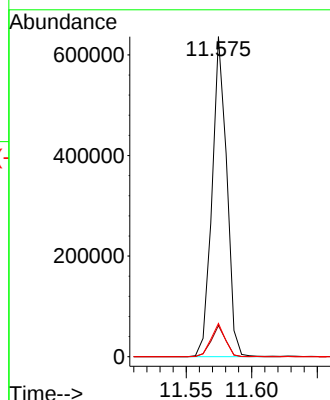
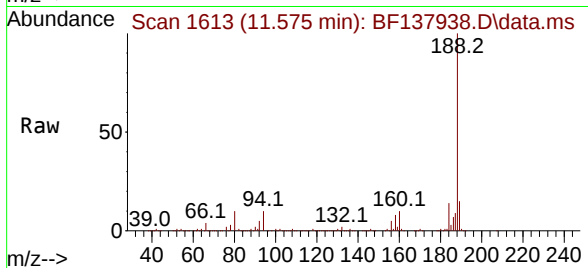
Tgt Ion:188 Resp: 496166

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.4

80 10.4 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: BF137938.D

Acq: 17 May 2024 18:18

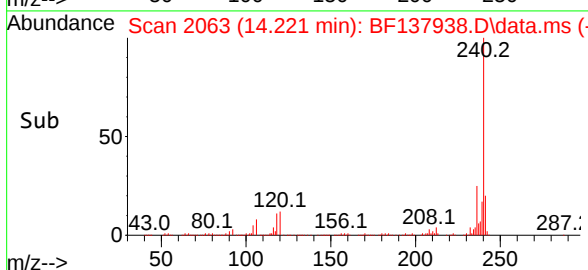
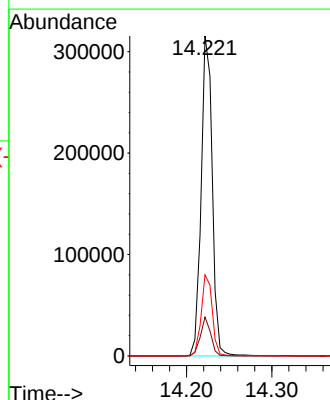
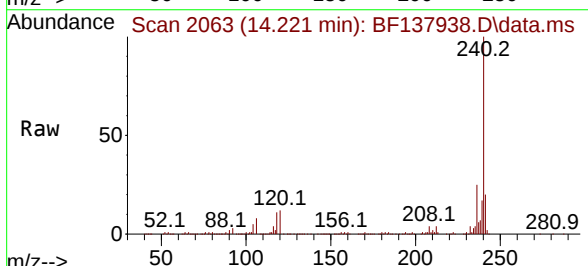
Tgt Ion:240 Resp: 286148

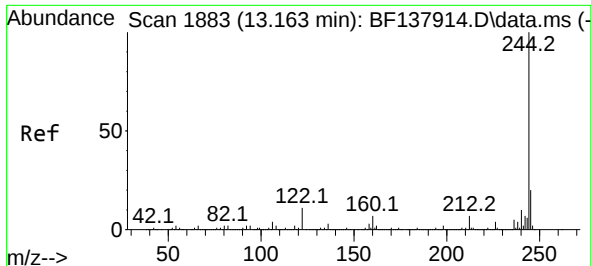
Ion Ratio Lower Upper

240 100

120 12.1 8.9 13.3

236 25.4 21.0 31.4

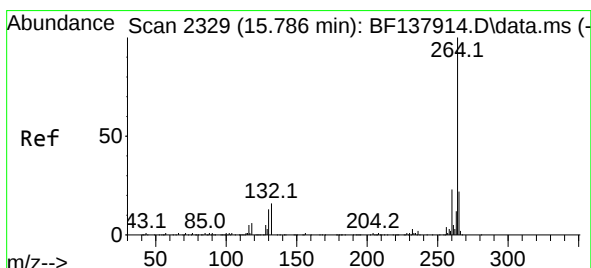
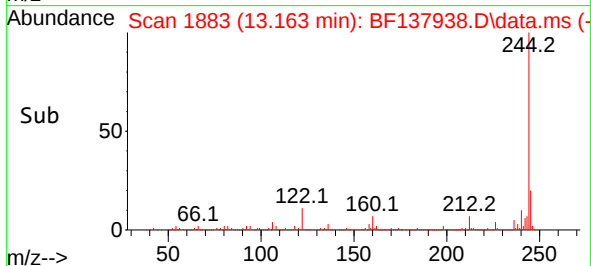
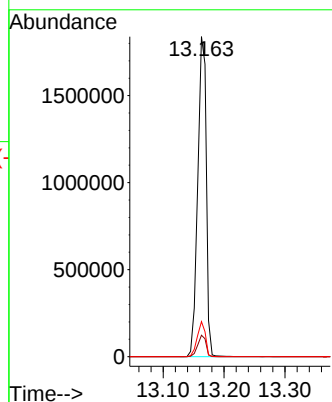
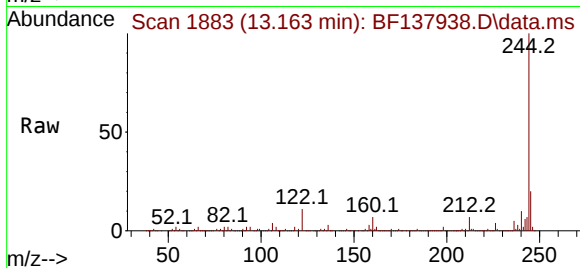




#79
 Terphenyl-d14
 Concen: 92.461 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: BF137938.D
 Acq: 17 May 2024 18:18

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1795187
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.9 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: BF137938.D
 Acq: 17 May 2024 18:18

Tgt Ion:264 Resp: 189979
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.3 27.5
 265 20.9 17.6 26.4

