

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
 Data File : BF137737.D
 Acq On : 26 Apr 2024 16:18
 Operator : CG\JU
 Sample : P2266-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-101-GW01

Quant Time: Apr 26 16:54:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	256506	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1001805	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	561493	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	963095	20.000	ng	0.00
76) Chrysene-d12	14.251	240	481018	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	503546	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	846886	50.153	ng	0.00
7) Phenol-d6	6.663	99	657880	30.680	ng	-0.01
23) Nitrobenzene-d5	7.622	82	1429844	75.764	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	735435	129.800	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2791321	74.281	ng	0.00
79) Terphenyl-d14	13.192	244	3088701	103.353	ng	0.00

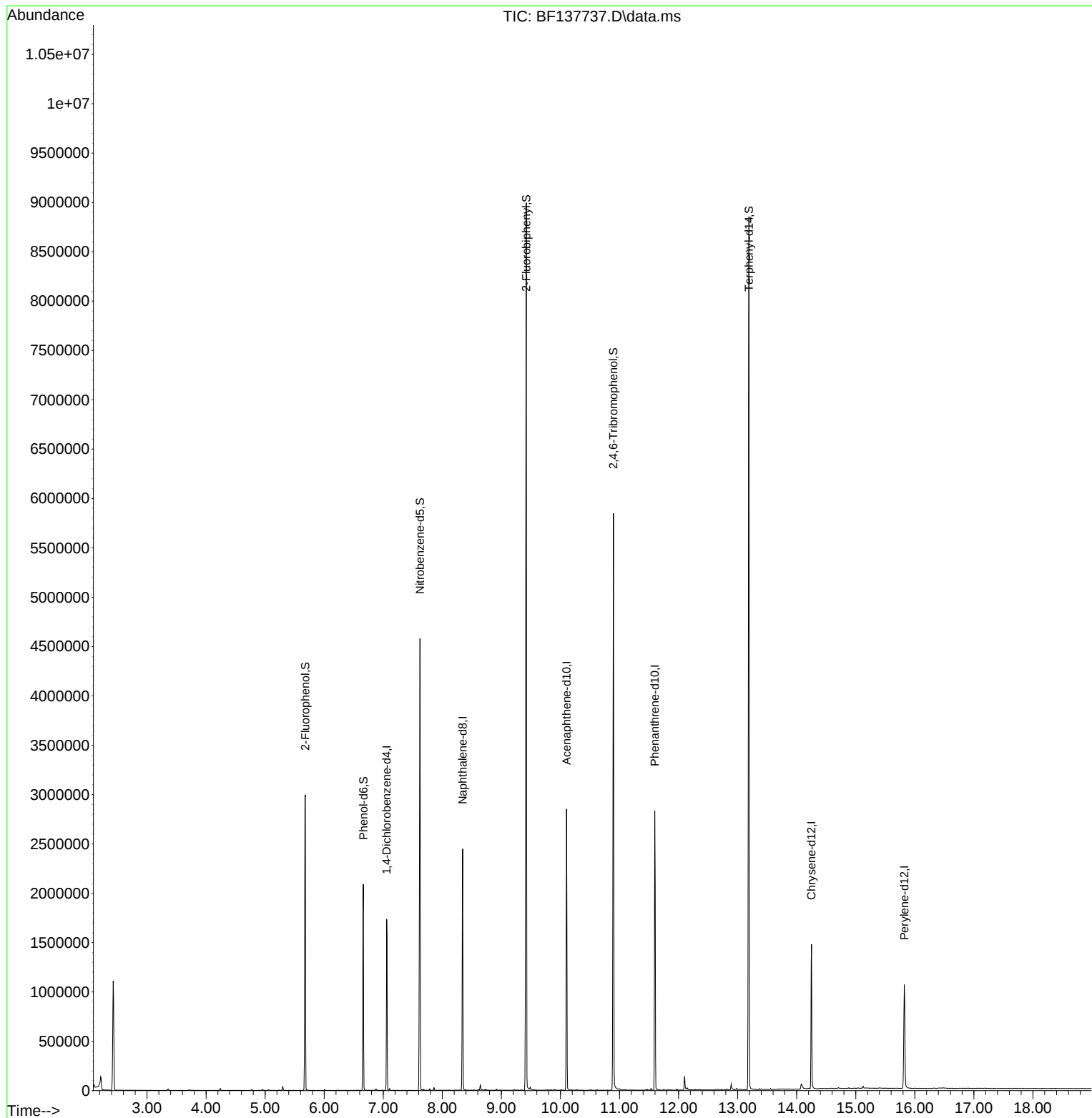
Target Compounds	Qvalue

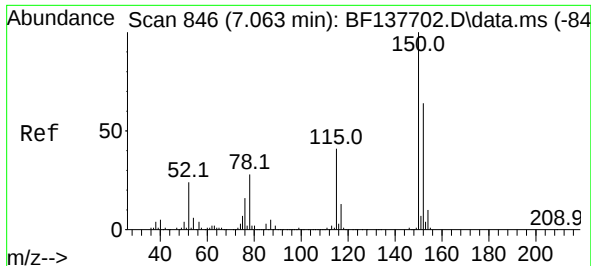
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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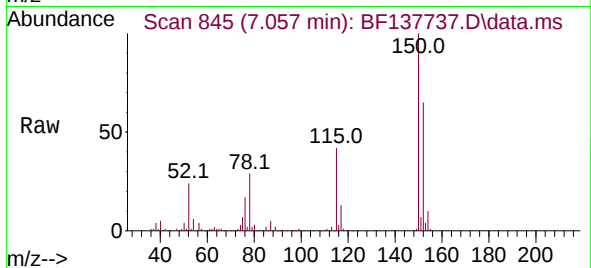
Quant Time: Apr 26 16:54:11 2024
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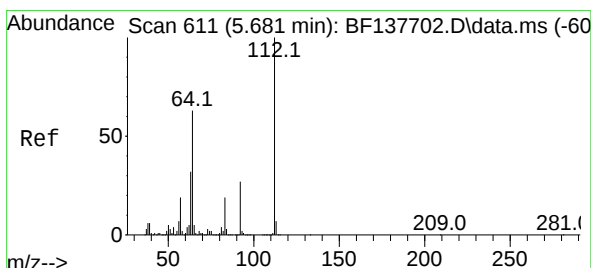
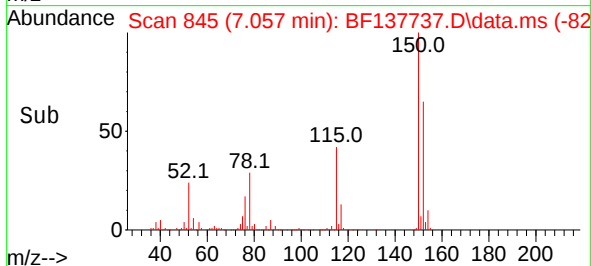
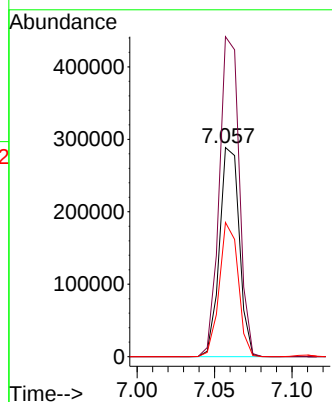


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137737.D
Acq: 26 Apr 2024 16:18

Instrument :
BNA_F
ClientSampleId :
B-101-GW01

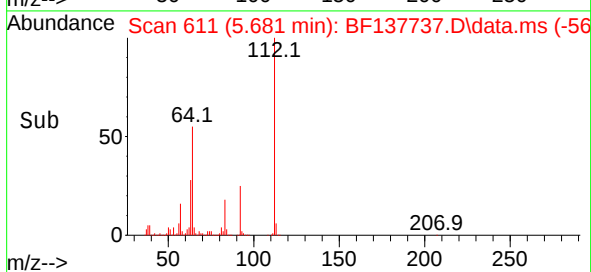
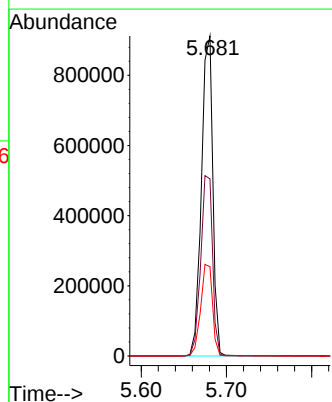
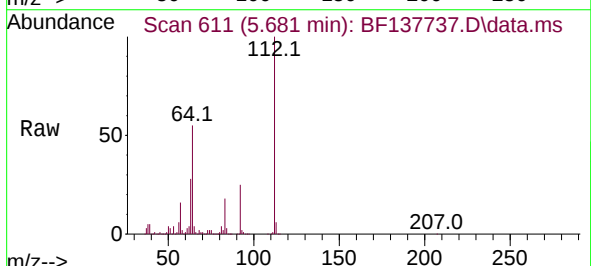


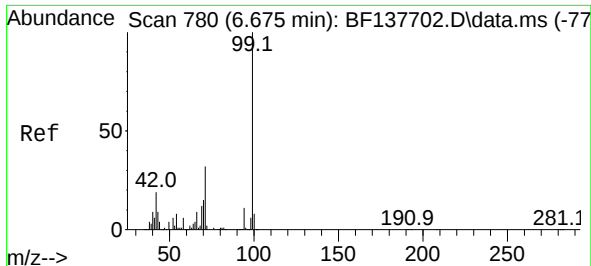
Tgt Ion:152 Resp: 256506
Ion Ratio Lower Upper
152 100
150 153.0 124.2 186.4
115 64.2 50.8 76.2



#5
2-Fluorophenol
Concen: 50.153 ng
RT: 5.681 min Scan# 611
Delta R.T. -0.000 min
Lab File: BF137737.D
Acq: 26 Apr 2024 16:18

Tgt Ion:112 Resp: 846886
Ion Ratio Lower Upper
112 100
64 55.3 50.1 75.1
63 27.9 25.2 37.8

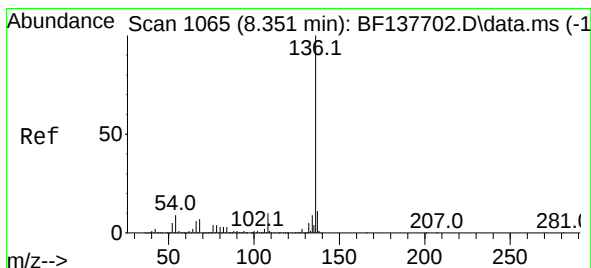
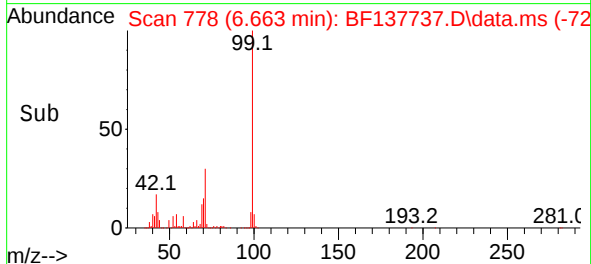
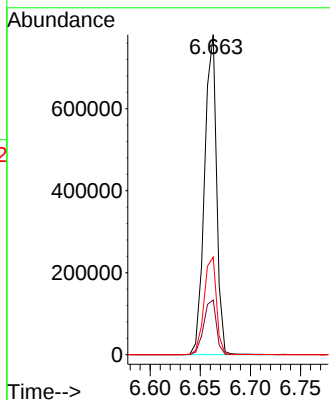
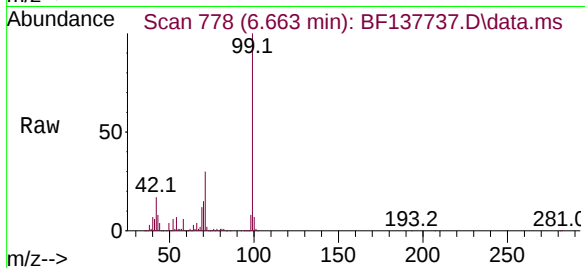




#7
Phenol-d6
Concen: 30.680 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137737.D
Acq: 26 Apr 2024 16:18

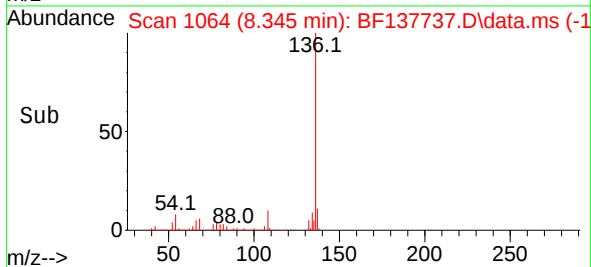
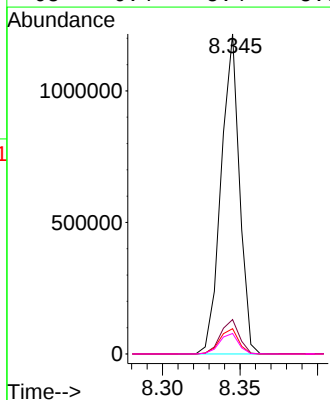
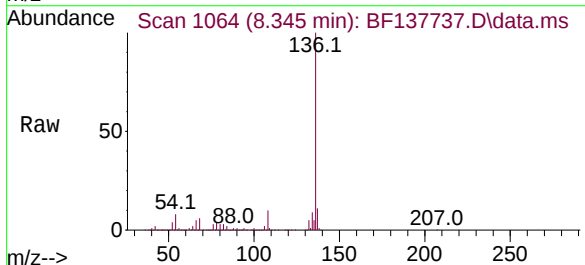
Instrument :
BNA_F
ClientSampleId :
B-101-GW01

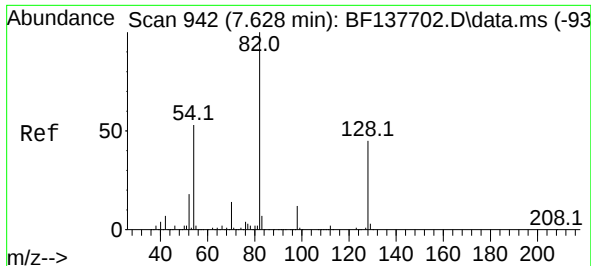
Tgt Ion: 99 Resp: 657880
Ion Ratio Lower Upper
99 100
42 17.1 15.0 22.4
71 30.5 25.7 38.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137737.D
Acq: 26 Apr 2024 16:18

Tgt Ion: 136 Resp: 1001805
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.9 6.9 10.3
68 6.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 75.764 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137737.D

Acq: 26 Apr 2024 16:18

Instrument :

BNA_F

ClientSampleId :

B-101-GW01

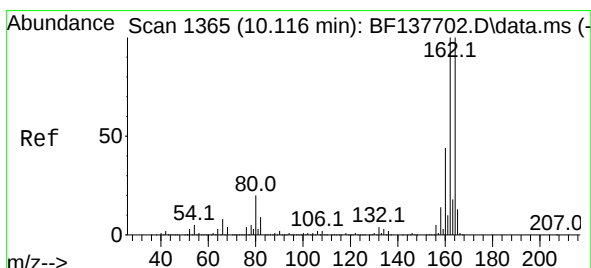
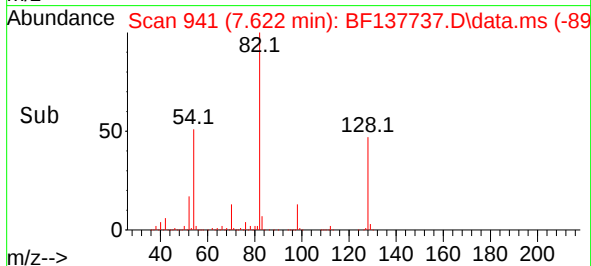
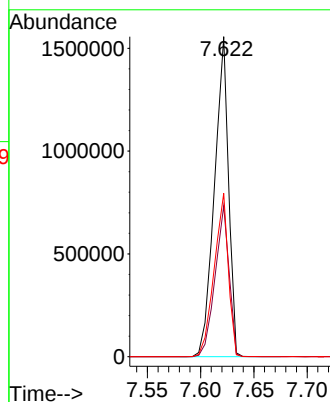
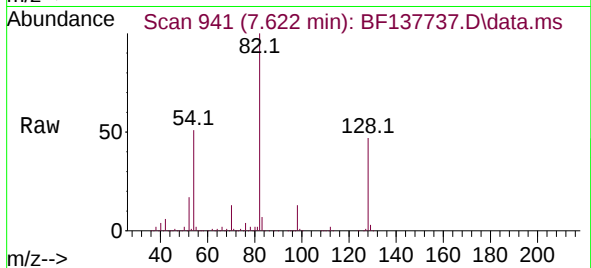
Tgt Ion: 82 Resp: 1429844

Ion Ratio Lower Upper

82 100

128 47.2 35.8 53.6

54 51.1 42.5 63.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.012 min

Lab File: BF137737.D

Acq: 26 Apr 2024 16:18

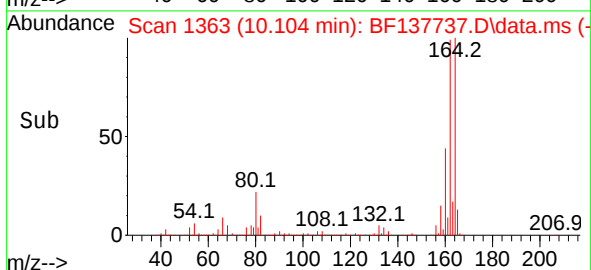
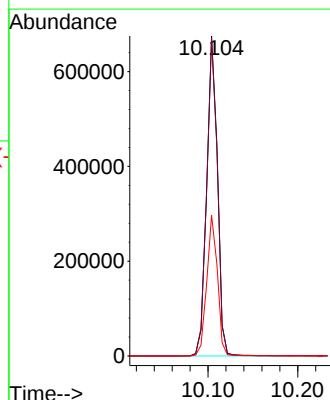
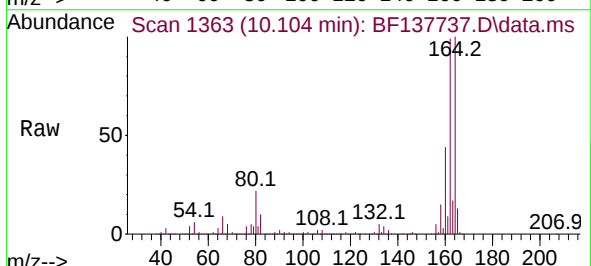
Tgt Ion:164 Resp: 561493

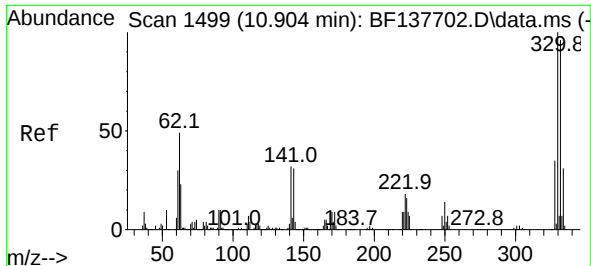
Ion Ratio Lower Upper

164 100

162 99.3 80.3 120.5

160 44.0 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 129.800 ng

RT: 10.898 min Scan# 1499

Delta R.T. -0.006 min

Lab File: BF137737.D

Acq: 26 Apr 2024 16:18

Instrument :

BNA_F

ClientSampleId :

B-101-GW01

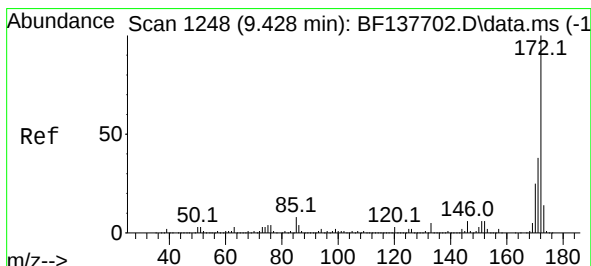
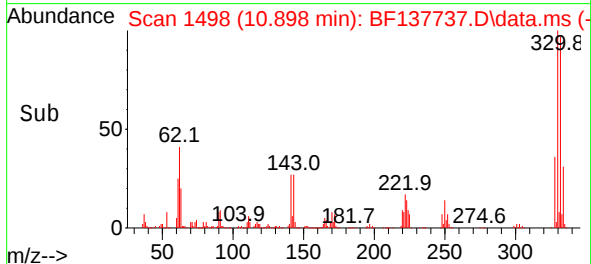
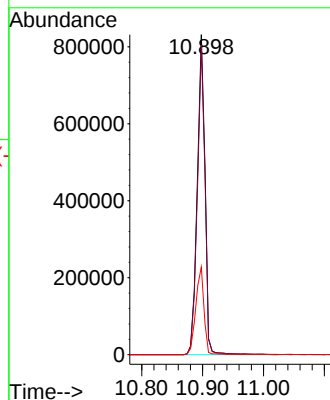
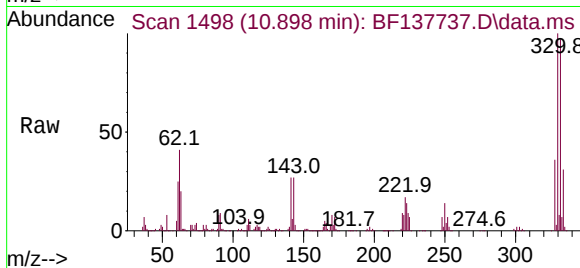
Tgt Ion:330 Resp: 735435

Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

141 29.1 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 74.281 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137737.D

Acq: 26 Apr 2024 16:18

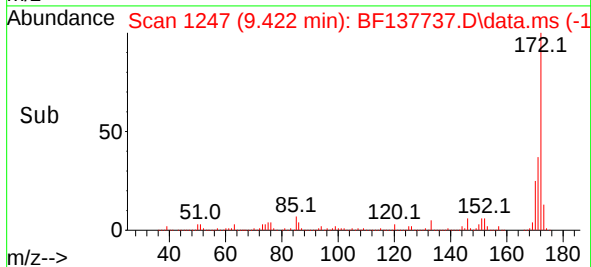
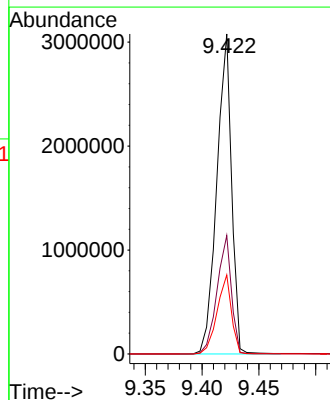
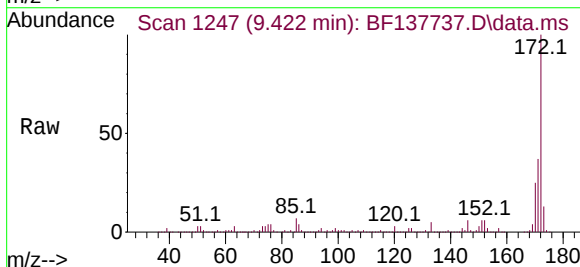
Tgt Ion:172 Resp: 2791321

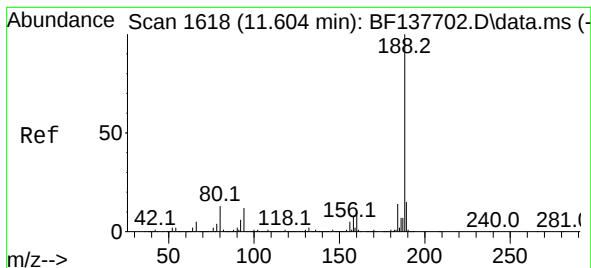
Ion Ratio Lower Upper

172 100

171 37.0 30.2 45.4

170 24.7 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137737.D

Acq: 26 Apr 2024 16:18

Instrument :

BNA_F

ClientSampleId :

B-101-GW01

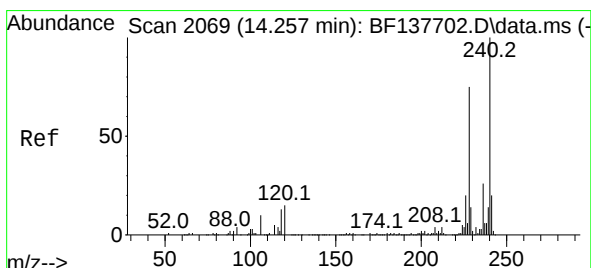
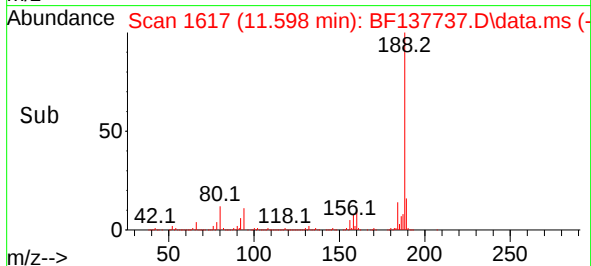
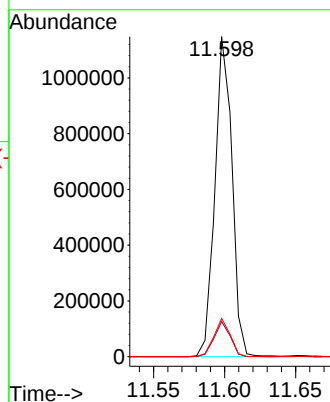
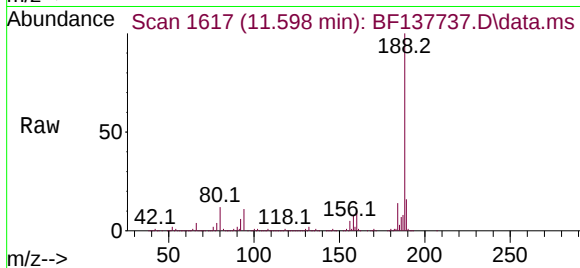
Tgt Ion:188 Resp: 963095

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

80 11.9 10.2 15.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BF137737.D

Acq: 26 Apr 2024 16:18

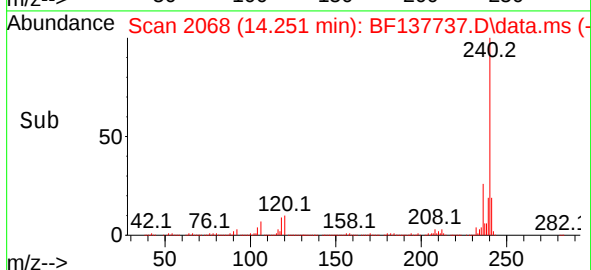
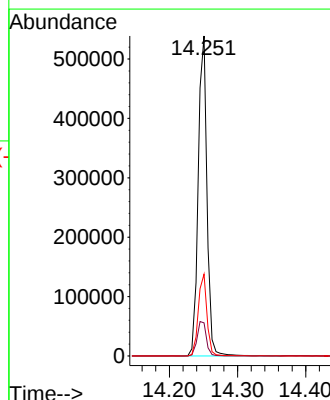
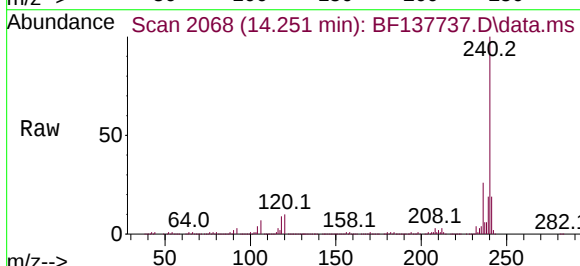
Tgt Ion:240 Resp: 481018

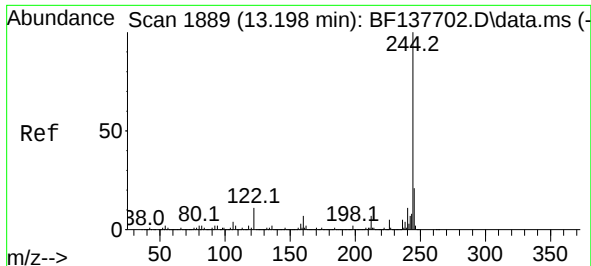
Ion Ratio Lower Upper

240 100

120 10.3 11.9 17.9#

236 25.5 20.8 31.2

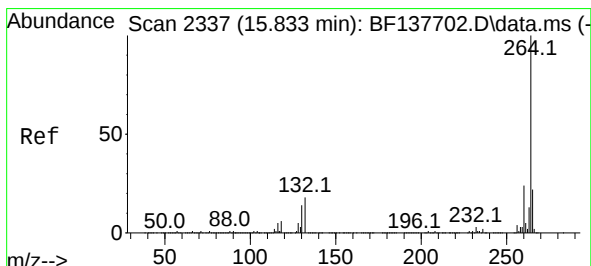
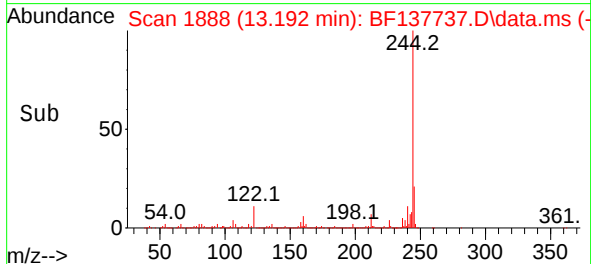
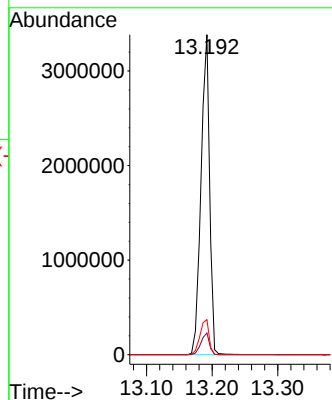
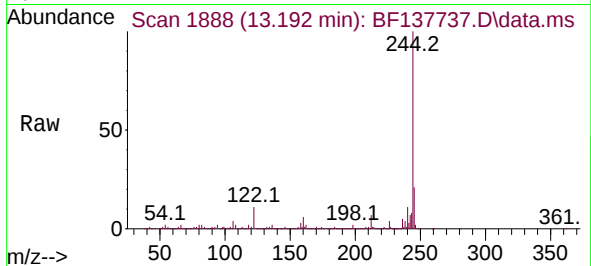




#79
 Terphenyl-d14
 Concen: 103.353 ng
 RT: 13.192 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137737.D
 Acq: 26 Apr 2024 16:18

Instrument :
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 B-101-GW01

Tgt Ion:244 Resp: 3088701
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.821 min Scan# 2335
 Delta R.T. -0.012 min
 Lab File: BF137737.D
 Acq: 26 Apr 2024 16:18

Tgt Ion:264 Resp: 503546
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.7 17.5 26.3

