

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)

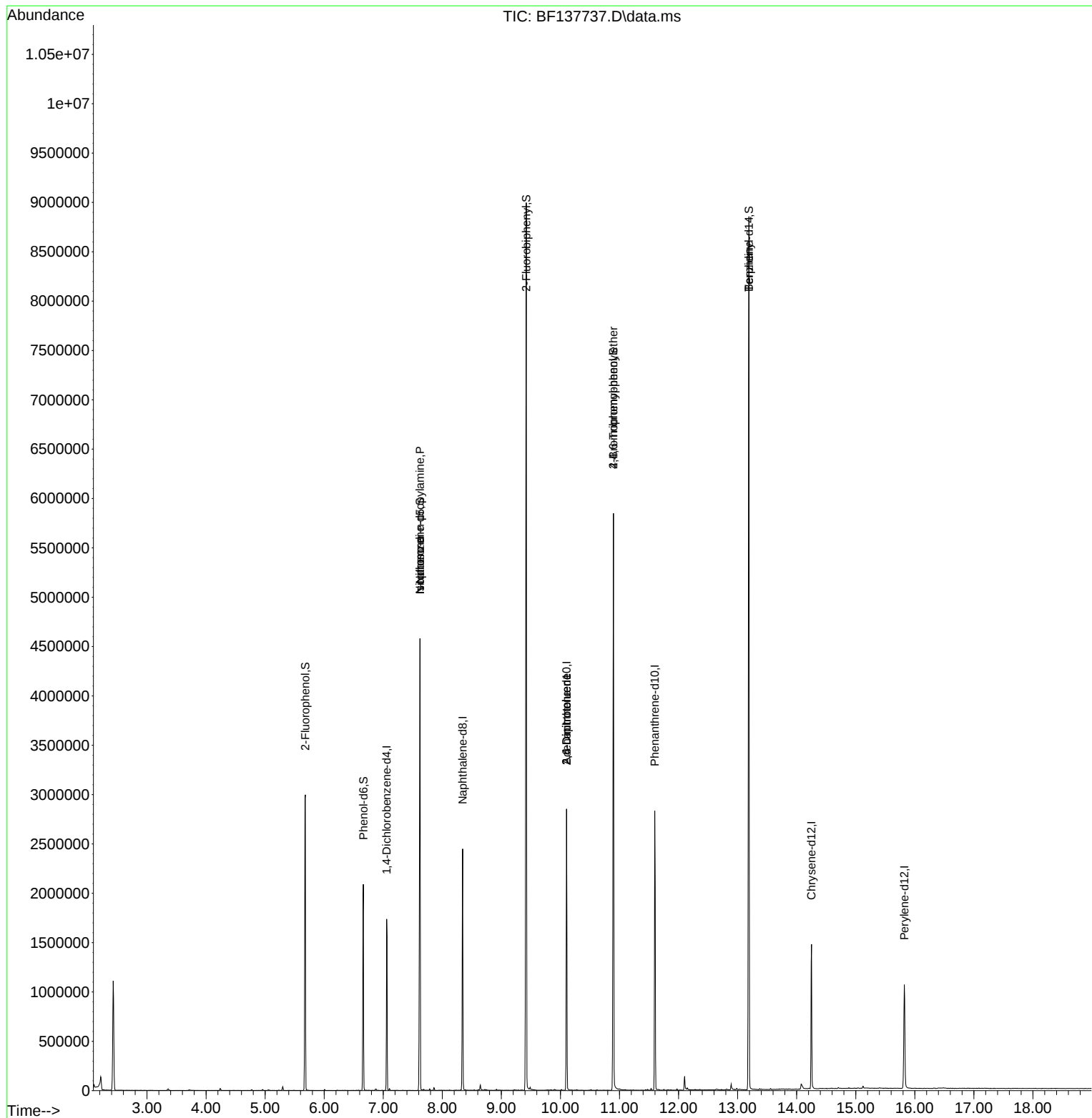
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	256506	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1001805	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	561493	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	963095	20.000	ng	0.00
76) Chrysene-d12	14.251	240	481018	20.000	ng	# 0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.622	70	189887	13.694	ng	# 78
25) Isophorone	7.622	82	1426454	40.697	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	71791	8.710	ng	# 22
57) 2,4-Dinitrotoluene	10.104	165	71776	6.907	ng	# 24
67) 4-Bromophenyl-phenylether	10.898	248	47984	4.300	ng	# 1
77) Benzidine	13.192	184	38296	3.409	ng	# 88

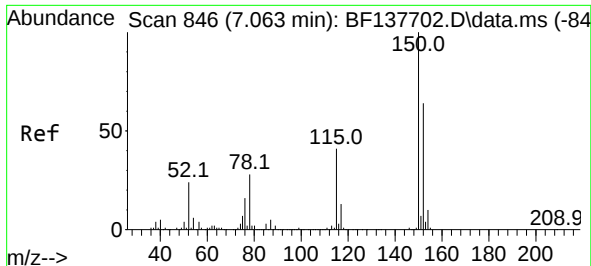
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
Data File : BF137737.D
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Operator : CG\JU
Sample : P2266-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-101-GW01

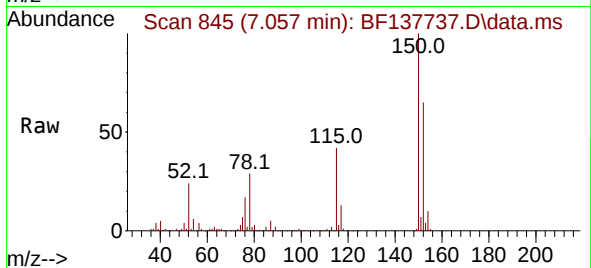
Quant Time: Apr 26 16:54:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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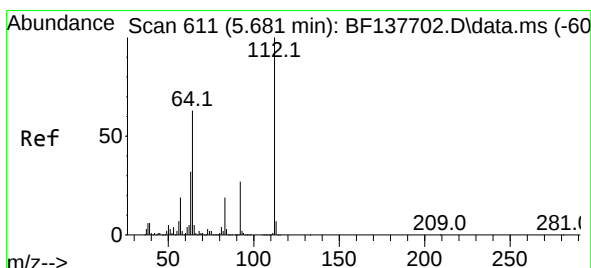
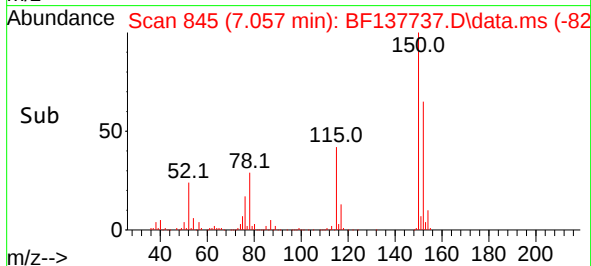
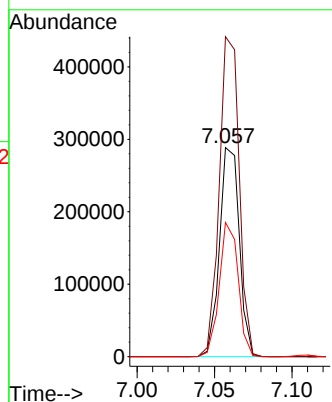


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137737.D
Acq: 26 Apr 2024 16:18

Instrument :
BNA_F
ClientSampleId :
B-101-GW01

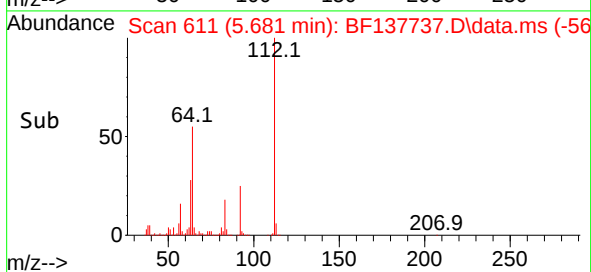
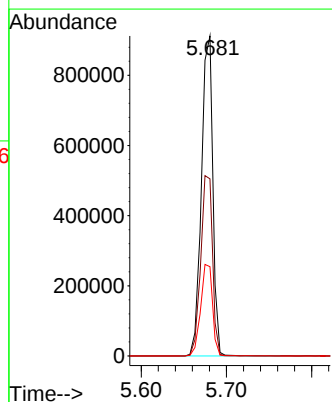
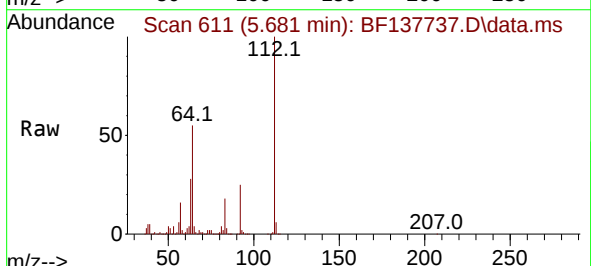


Tgt Ion:152 Resp: 256506
Ion Ratio Lower Upper
152 100
150 153.0 124.2 186.4
115 64.2 50.8 76.2



#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

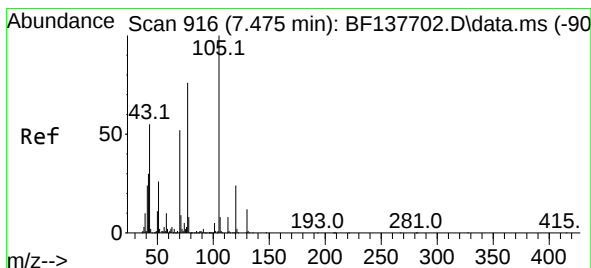
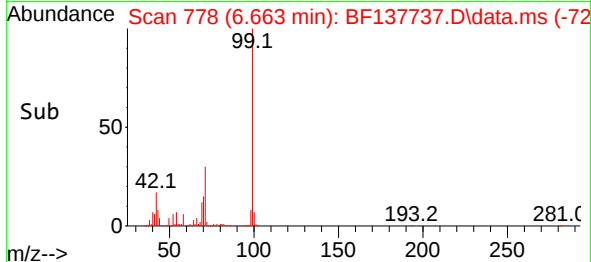
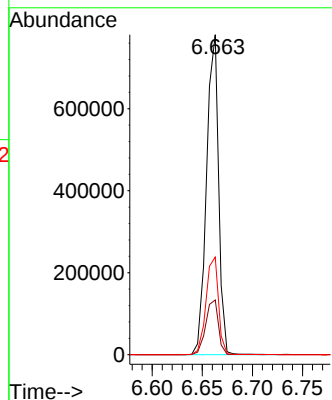
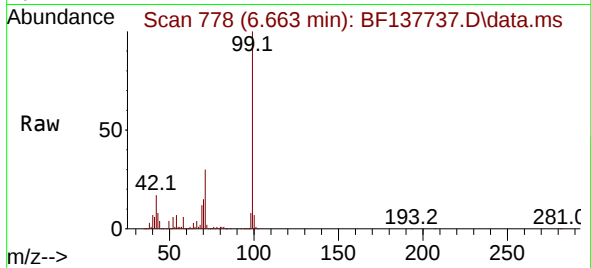




#7
Phenol-d6
Concen: 30.680 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137737.D
Acq: 26 Apr 2024 16:18

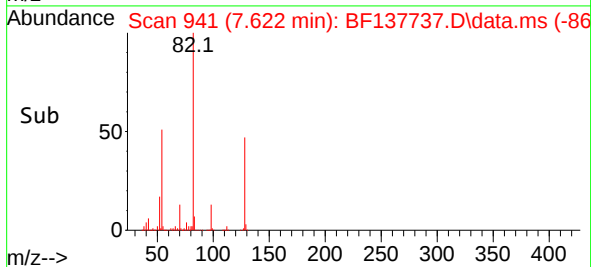
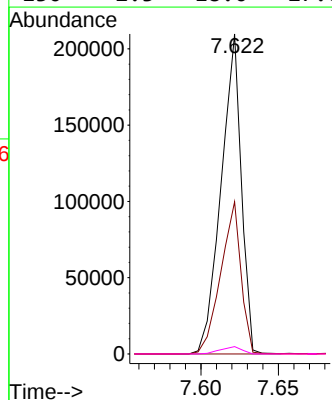
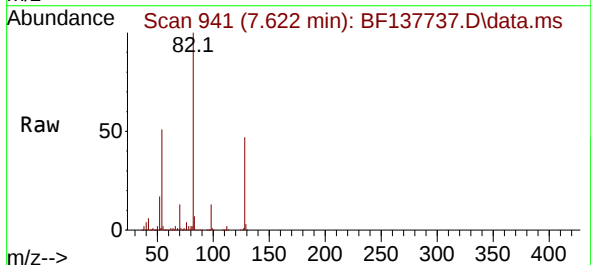
Instrument :
BNA_F
ClientSampleId :
B-101-GW01

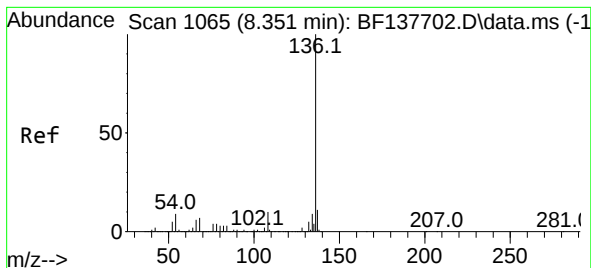
Tgt Ion: 99 Resp: 657880
Ion Ratio Lower Upper
99 100
42 17.1 15.0 22.4
71 30.5 25.7 38.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.694 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.147 min
Lab File: BF137737.D
Acq: 26 Apr 2024 16:18

Tgt Ion: 70 Resp: 189887
Ion Ratio Lower Upper
70 100
42 47.5 45.9 68.9
101 0.0 8.0 12.0#
130 2.3 18.0 27.0#





#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

Instrument :

BNA_F

ClientSampleId :

B-101-GW01

Tgt Ion:136 Resp: 1001805

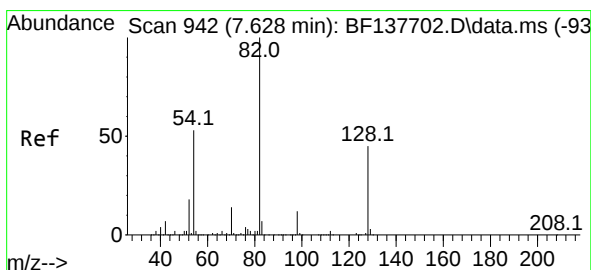
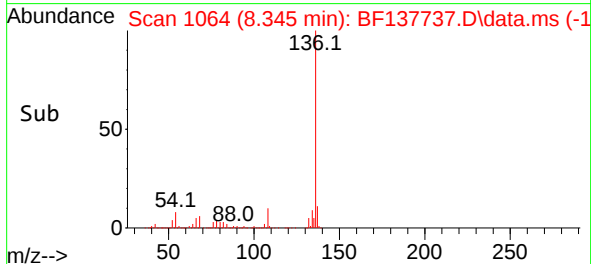
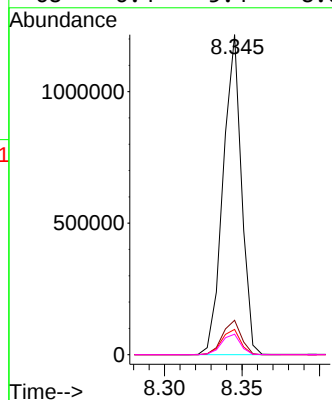
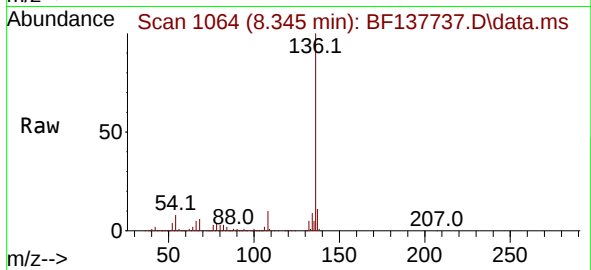
Ion Ratio Lower Upper

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

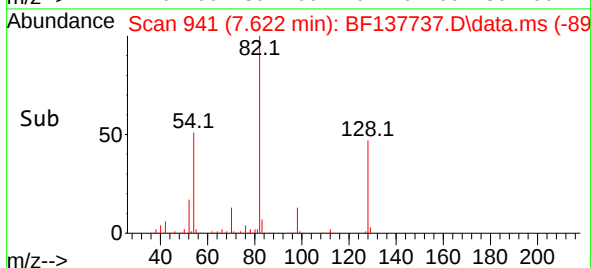
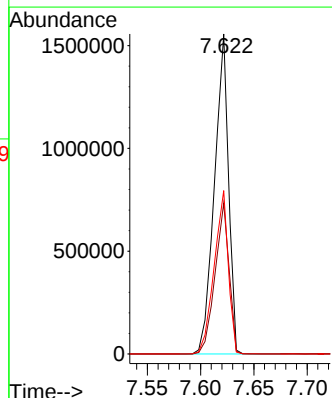
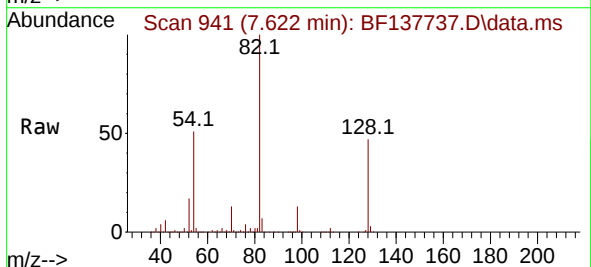
Tgt Ion: 82 Resp: 1429844

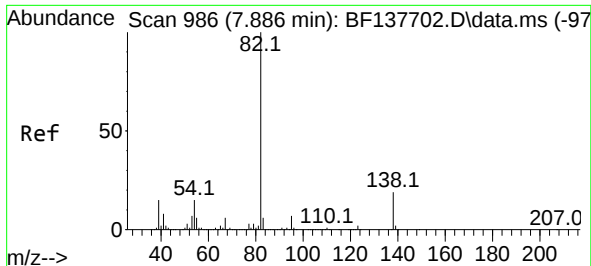
Ion Ratio Lower Upper

82 100

128 47.2 35.8 53.6

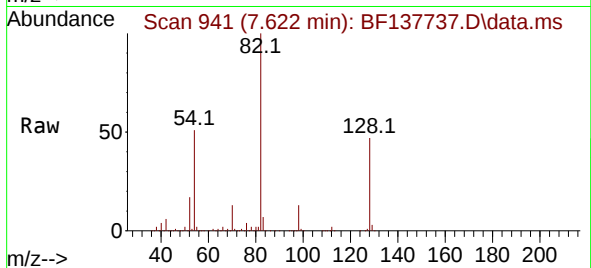
54 51.1 42.5 63.7



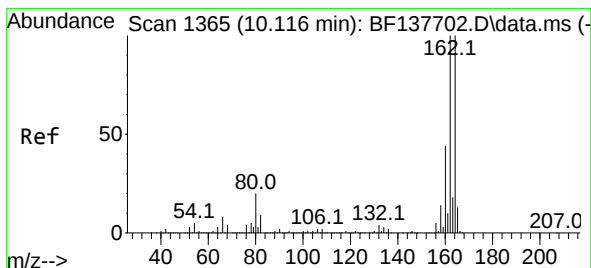
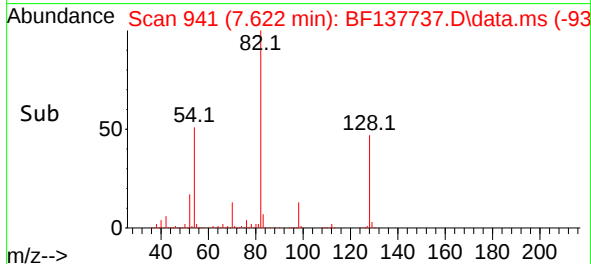
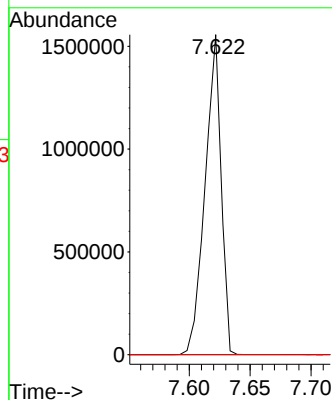


#25
Isophorone
Concen: 40.697 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.265 min
Lab File: BF137737.D
Acq: 26 Apr 2024 16:18

Instrument :
BNA_F
ClientSampleId :
B-101-GW01

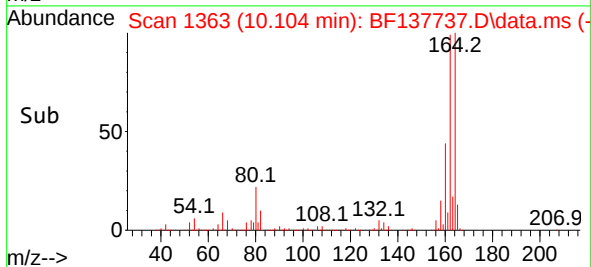
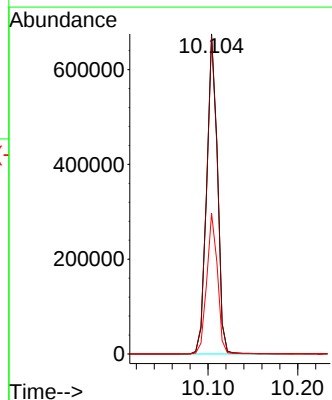
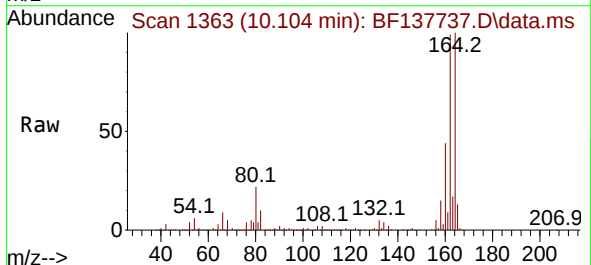


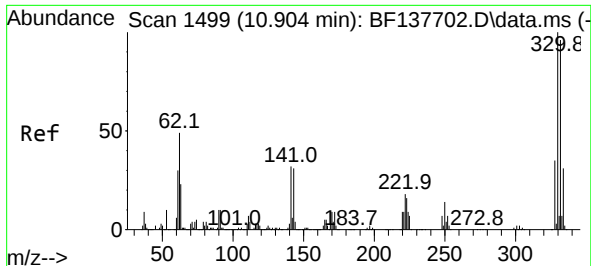
Tgt Ion: 82 Resp: 1426454
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.3 22.9#



#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

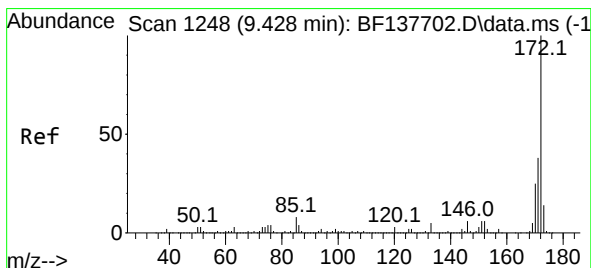
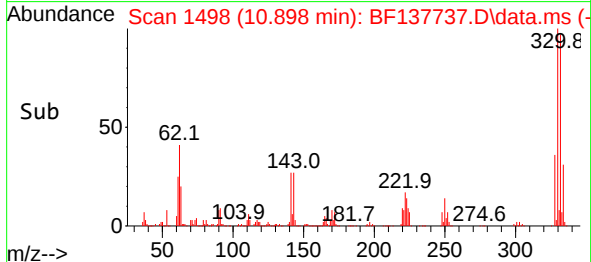
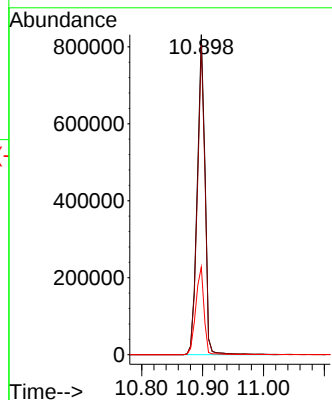
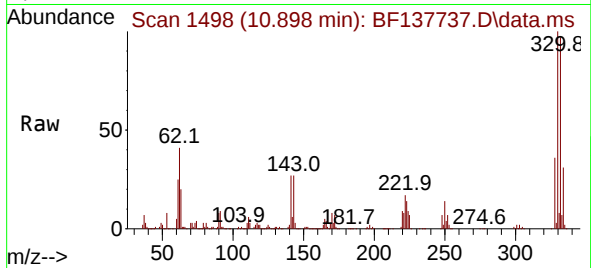




#42
2,4,6-Tribromophenol
Concen: 129.800 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF137737.D
Acq: 26 Apr 2024 16:18

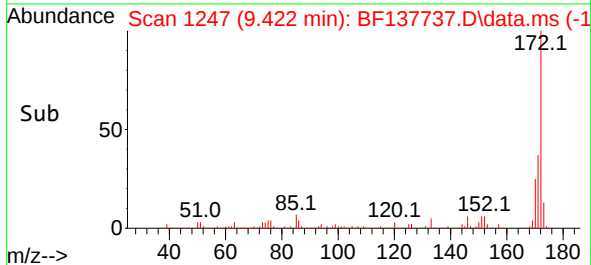
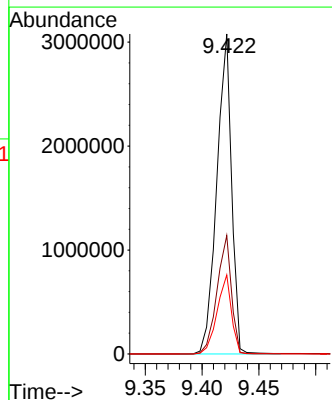
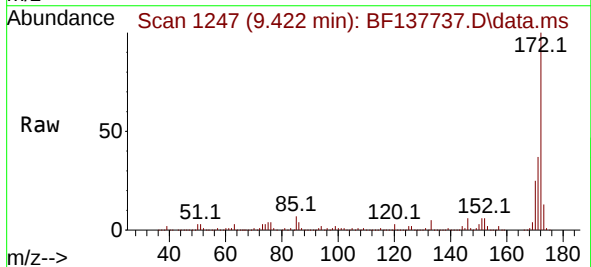
Instrument :
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ClientSampleId :
B-101-GW01

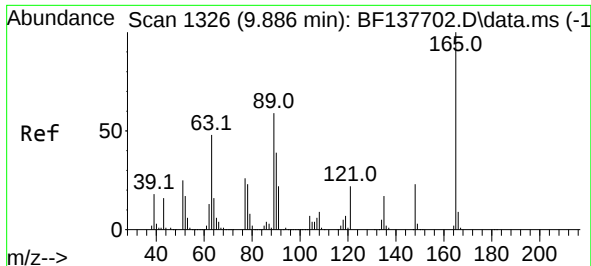
Tgt Ion:330 Resp: 735435
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 29.1 27.0 40.4



#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

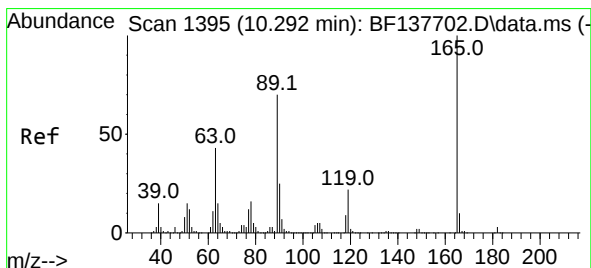
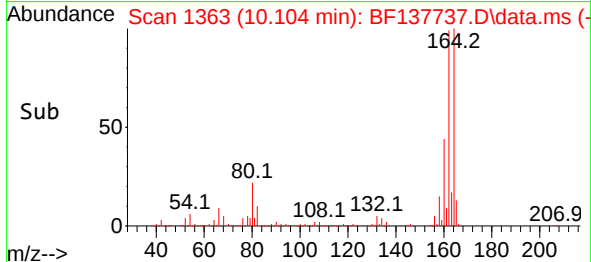
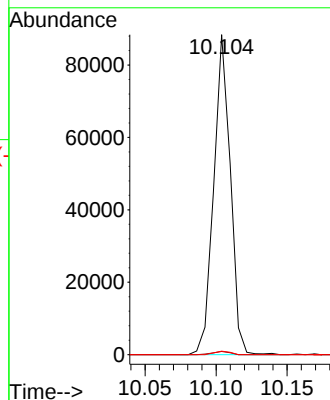
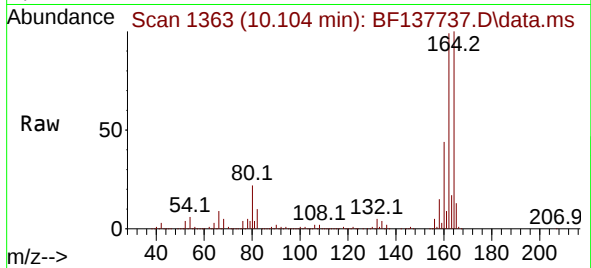




#51
2,6-Dinitrotoluene
Concen: 8.710 ng
RT: 10.104 min Scan# 1326
Delta R.T. 0.218 min
Lab File: BF137737.D
Acq: 26 Apr 2024 16:18

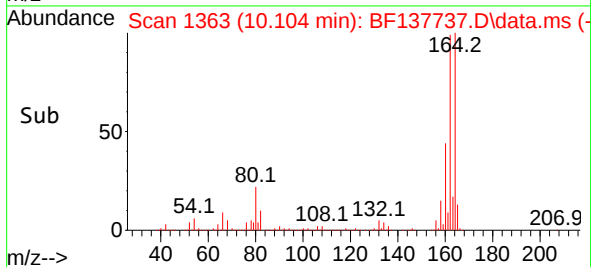
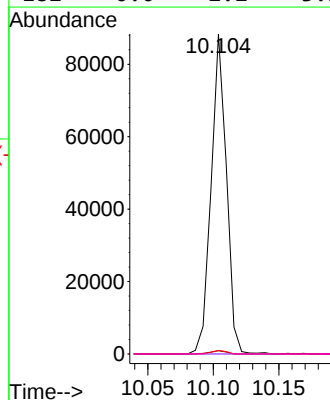
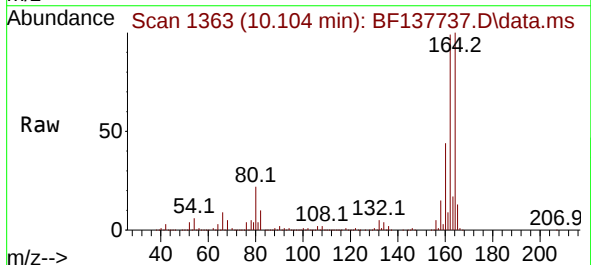
Instrument :
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B-101-GW01

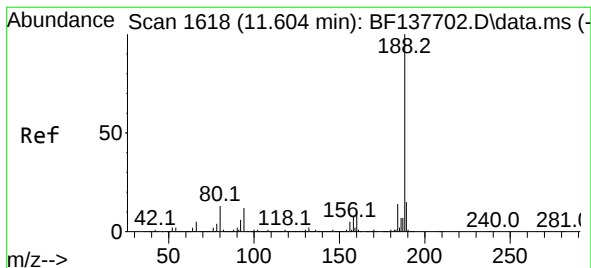
Tgt Ion:165 Resp: 71791
Ion Ratio Lower Upper
165 100
63 1.0 47.7 71.5#
89 1.1 47.3 70.9#



#57
2,4-Dinitrotoluene
Concen: 6.907 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.188 min
Lab File: BF137737.D
Acq: 26 Apr 2024 16:18

Tgt Ion:165 Resp: 71776
Ion Ratio Lower Upper
165 100
63 1.0 34.1 51.1#
89 1.1 56.4 84.6#
182 0.0 2.2 3.2#





#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

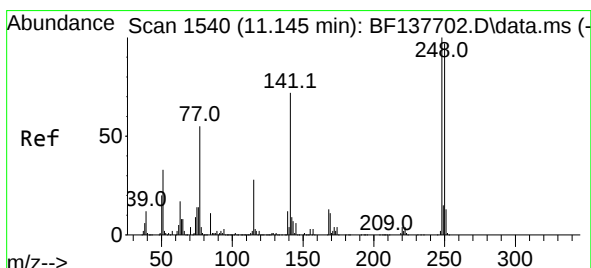
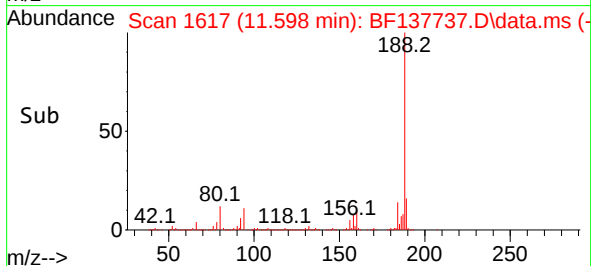
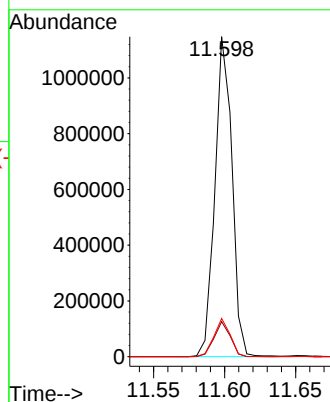
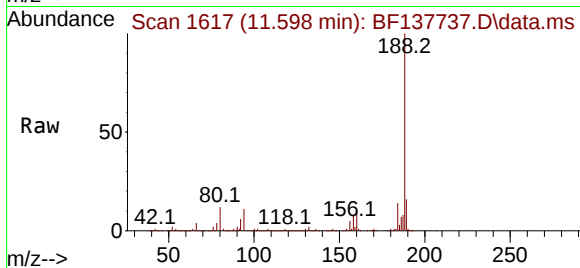
Tgt Ion:188 Resp: 963095

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

80 11.9 10.2 15.4



#67

4-Bromophenyl-phenylether

Concen: 4.300 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.247 min

Lab File: BF137737.D

Acq: 26 Apr 2024 16:18

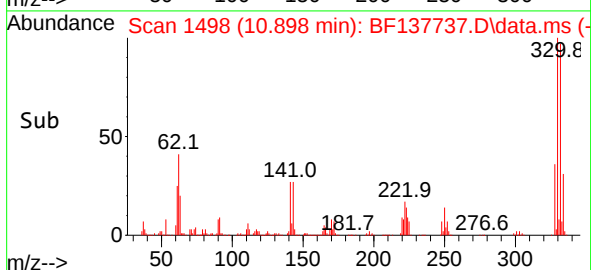
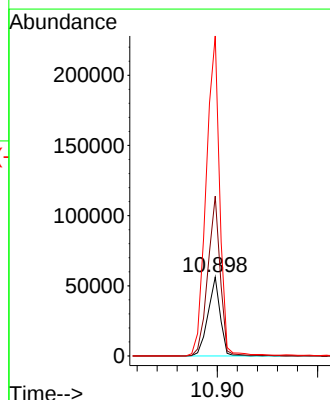
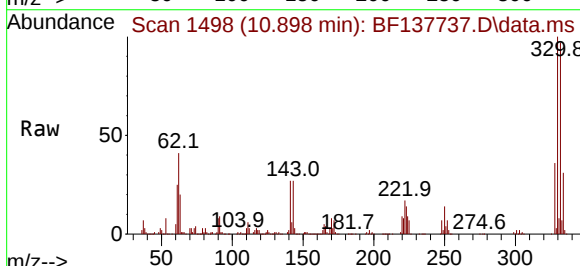
Tgt Ion:248 Resp: 47984

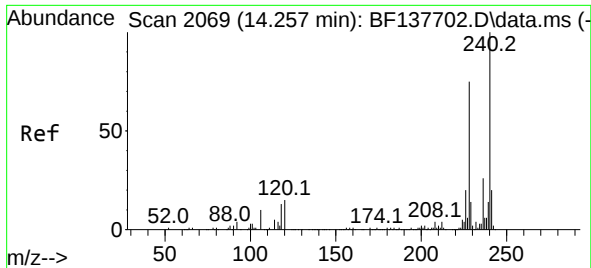
Ion Ratio Lower Upper

248 100

250 202.5 77.4 116.0#

141 405.5 57.9 86.9#

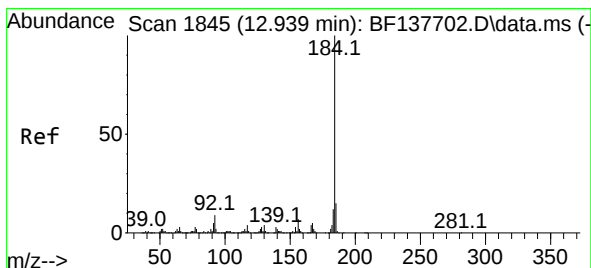
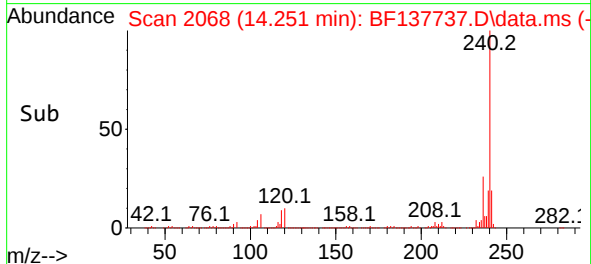
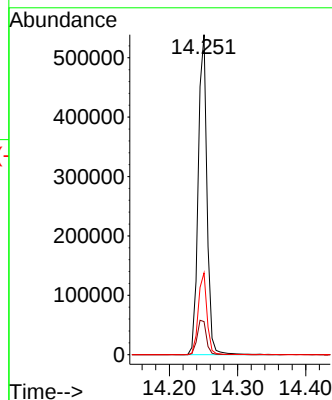
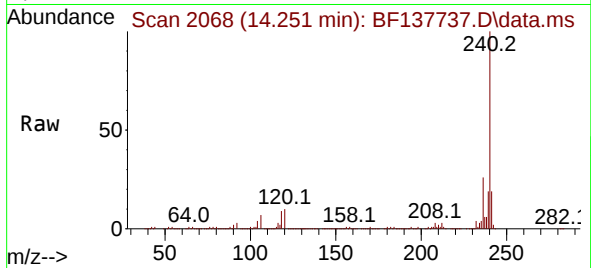




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137737.D
Acq: 26 Apr 2024 16:18

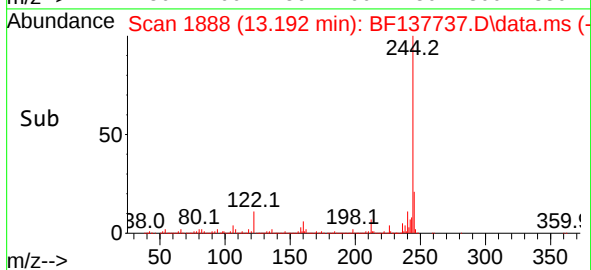
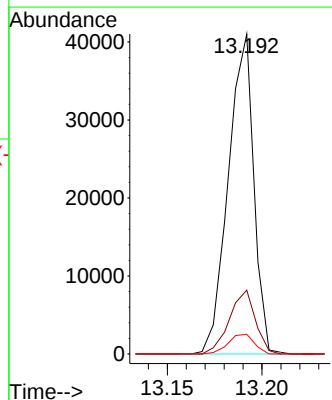
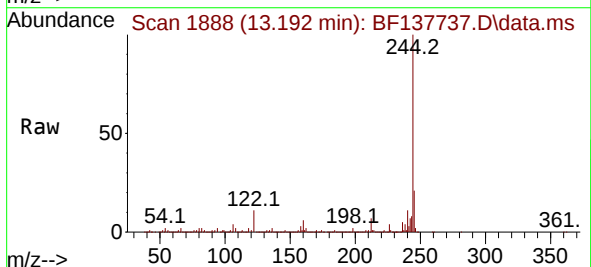
Instrument :
BNA_F
ClientSampleId :
B-101-GW01

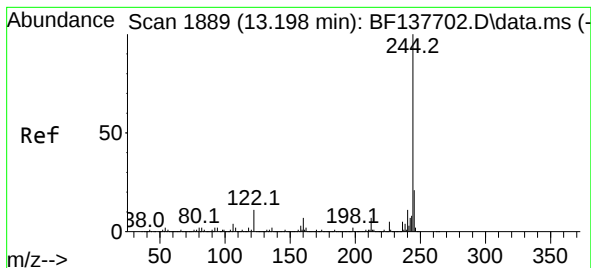
Tgt Ion:240 Resp: 481018
Ion Ratio Lower Upper
240 100
120 10.3 11.9 17.9#
236 25.5 20.8 31.2



#77
Benzidine
Concen: 3.409 ng
RT: 13.192 min Scan# 1888
Delta R.T. 0.253 min
Lab File: BF137737.D
Acq: 26 Apr 2024 16:18

Tgt Ion:184 Resp: 38296
Ion Ratio Lower Upper
184 100
185 19.9 12.2 18.4#
183 6.2 9.4 14.0#





#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 :

BNA_F

ClientSampleId :

B-101-GW01

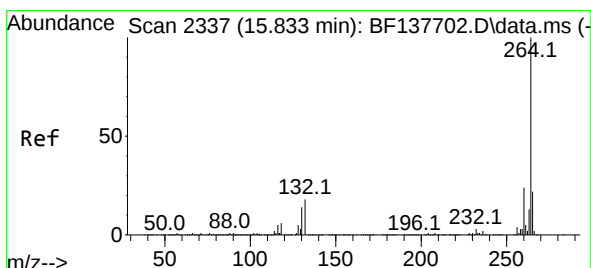
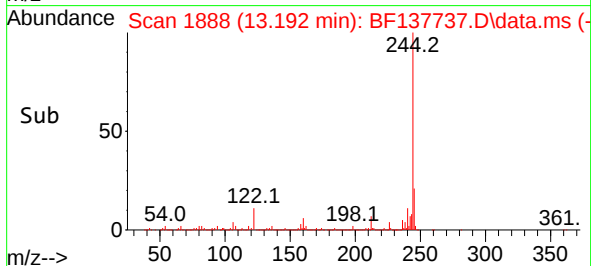
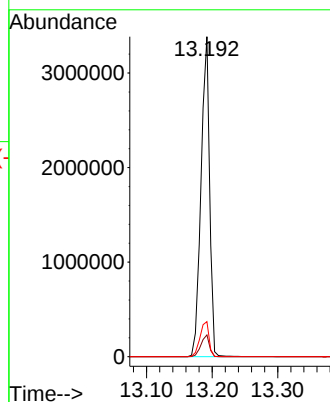
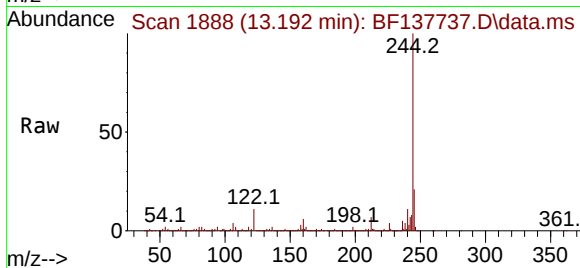
Tgt Ion:244 Resp: 3088701

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

