

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
 Data File : BF137736.D
 Acq On : 26 Apr 2024 15:47
 Operator : CG\JU
 Sample : P2218-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-131-GW-02

Quant Time: Apr 26 16:22:22 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

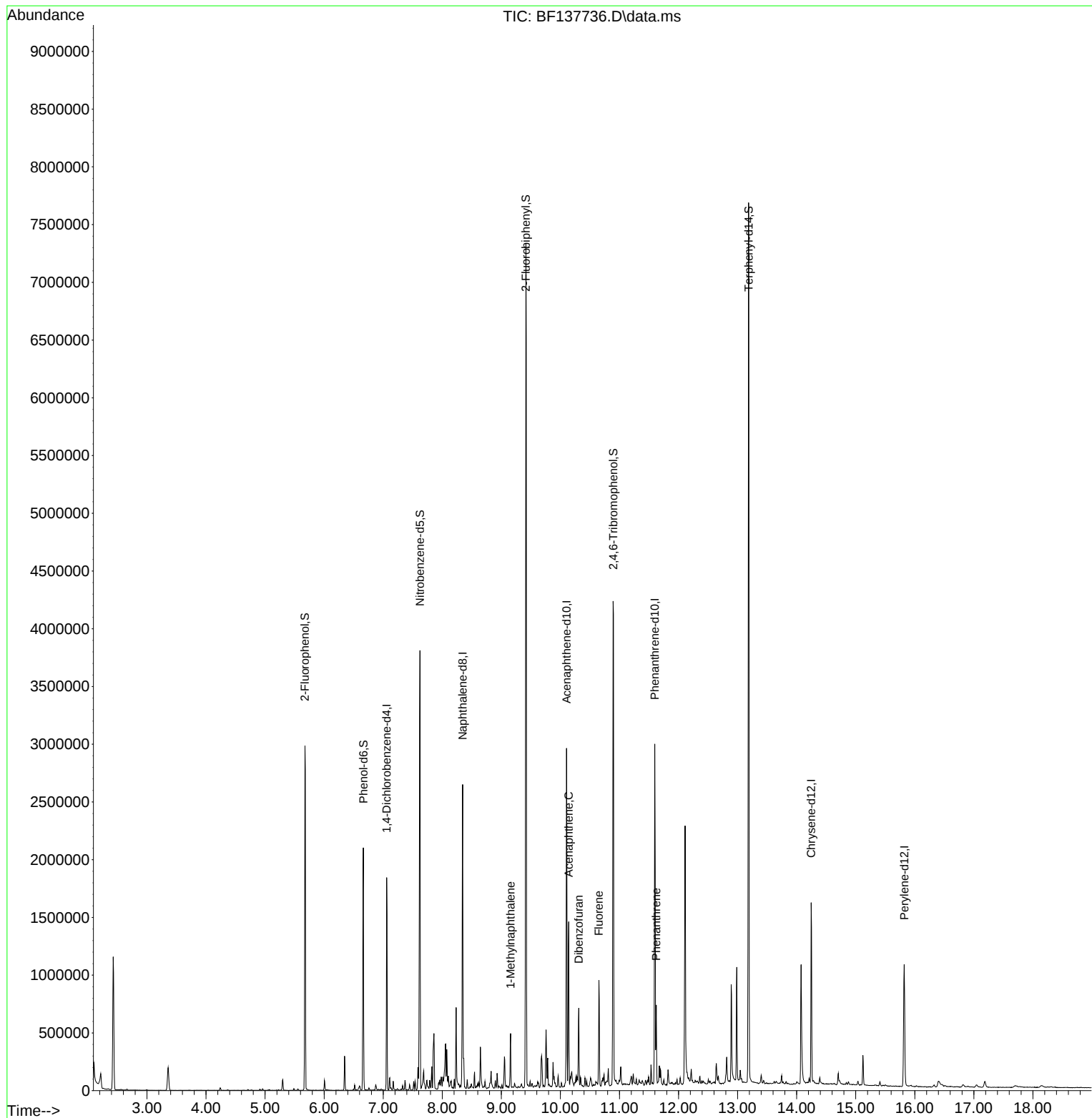
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	257405	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1024827	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	571802	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	976845	20.000	ng	0.00
76) Chrysene-d12	14.245	240	514641	20.000	ng	-0.01
86) Perylene-d12	15.821	264	512335	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	808323	47.702	ng	0.00
7) Phenol-d6	6.663	99	661592	30.745	ng	-0.01
23) Nitrobenzene-d5	7.622	82	1225224	63.463	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	557931	96.697	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2379773	62.187	ng	-0.01
79) Terphenyl-d14	13.186	244	2522448	78.891	ng	-0.01
Target Compounds						
38) 1-Methylnaphthalene	9.157	142	115246	3.434	ng	98
52) Acenaphthene	10.139	154	293215	9.056	ng	98
55) Dibenzofuran	10.310	168	241617	5.091	ng	97
58) Fluorene	10.651	166	244004	6.579	ng	99
71) Phenanthrene	11.622	178	208017	4.023	ng	97

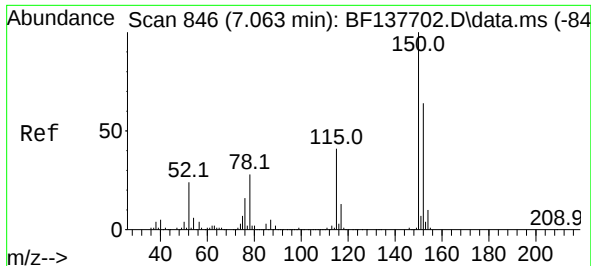
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
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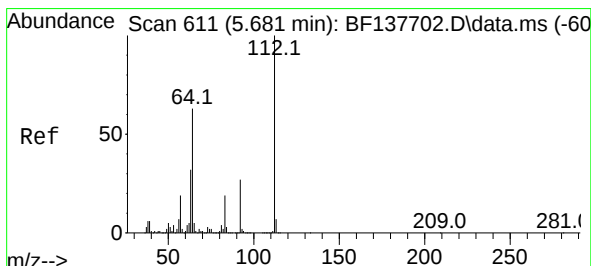
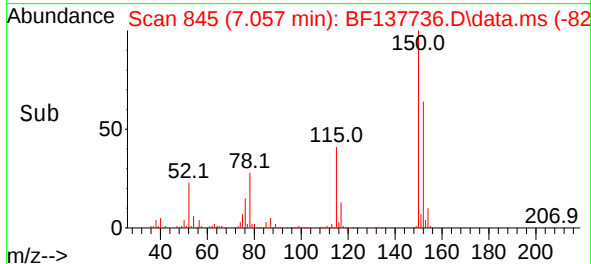
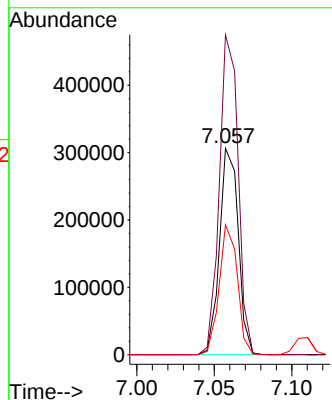
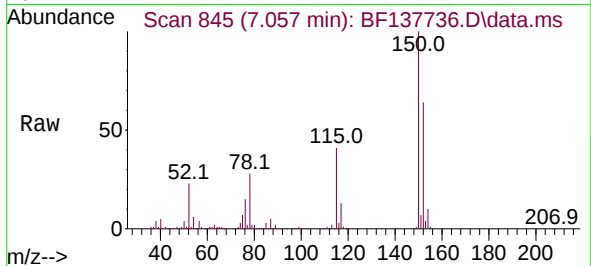




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

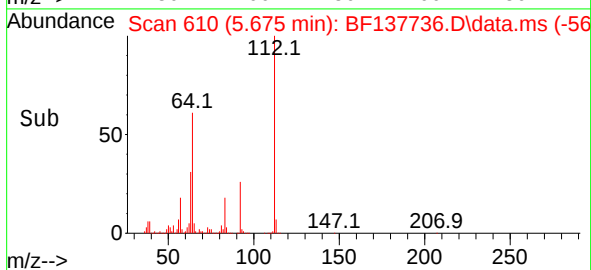
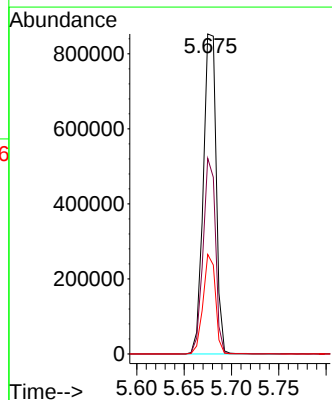
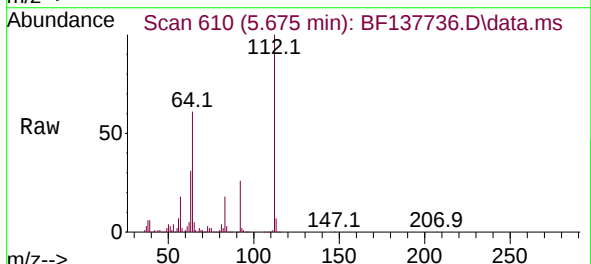
Instrument :
BNA_F
ClientSampleId :
B-131-GW-02

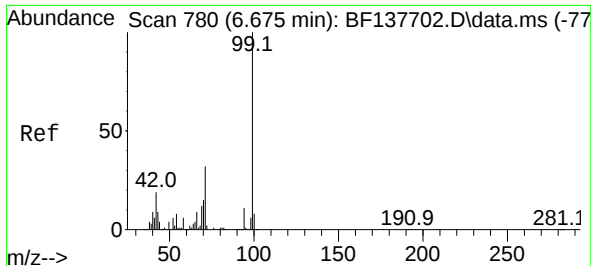
Tgt Ion:152 Resp: 257405
Ion Ratio Lower Upper
152 100
150 155.1 124.2 186.4
115 63.0 50.8 76.2



#5
2-Fluorophenol
Concen: 47.702 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.006 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

Tgt Ion:112 Resp: 808323
Ion Ratio Lower Upper
112 100
64 61.2 50.1 75.1
63 31.1 25.2 37.8

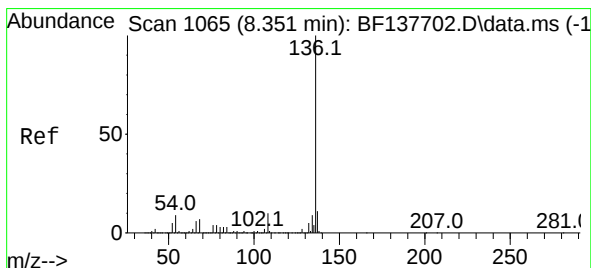
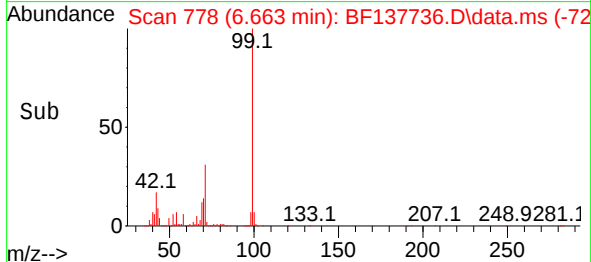
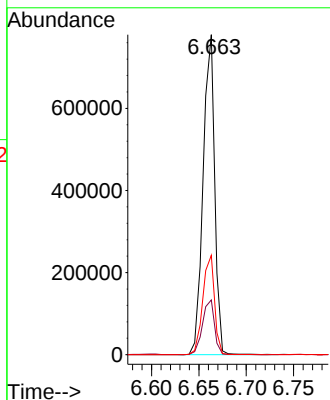
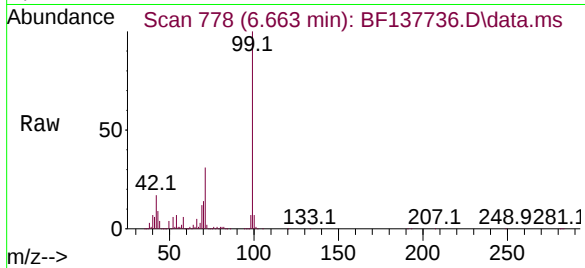




#7
Phenol-d6
Concen: 30.745 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

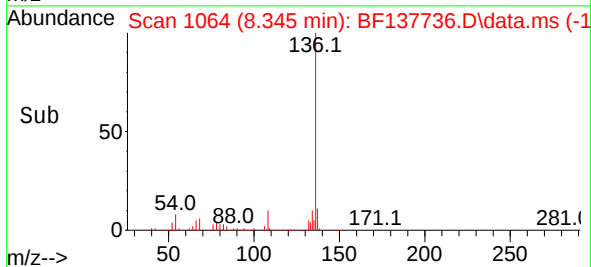
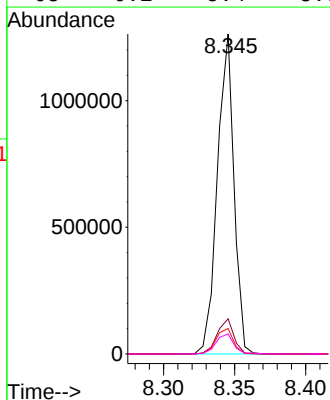
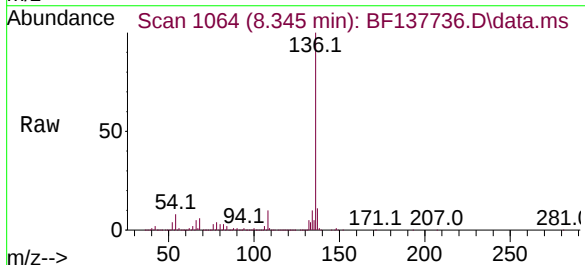
Instrument :
BNA_F
ClientSampleId :
B-131-GW-02

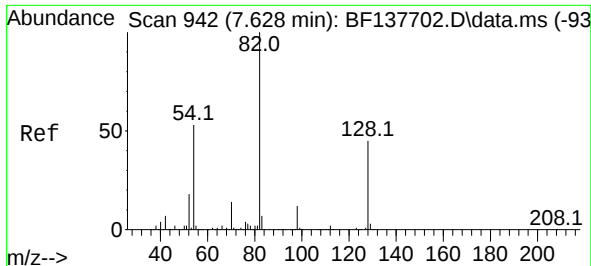
Tgt Ion: 99 Resp: 661592
Ion Ratio Lower Upper
99 100
42 17.1 15.0 22.4
71 31.0 25.7 38.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

Tgt Ion: 136 Resp: 1024827
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 6.9 10.3
68 6.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 63.463 ng

RT: 7.622 min Scan# 942

Delta R.T. -0.006 min

Lab File: BF137736.D

Acq: 26 Apr 2024 15:47

Instrument :

BNA_F

ClientSampleId :

B-131-GW-02

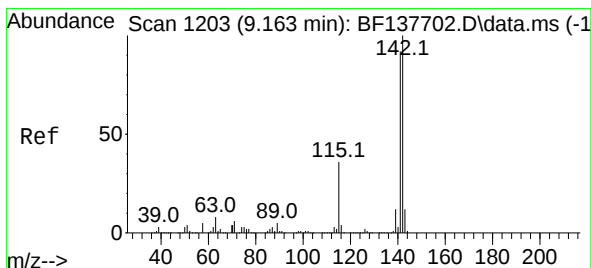
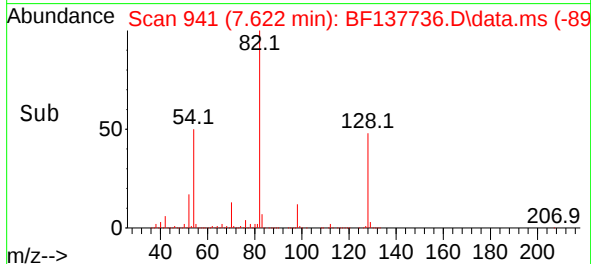
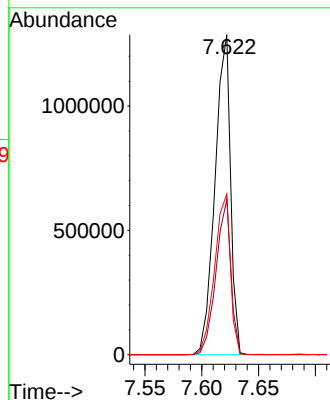
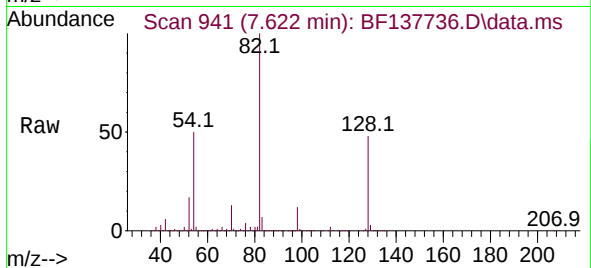
Tgt Ion: 82 Resp: 1225224

Ion Ratio Lower Upper

82 100

128 48.5 35.8 53.6

54 50.2 42.5 63.7



#38

1-Methylnaphthalene

Concen: 3.434 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF137736.D

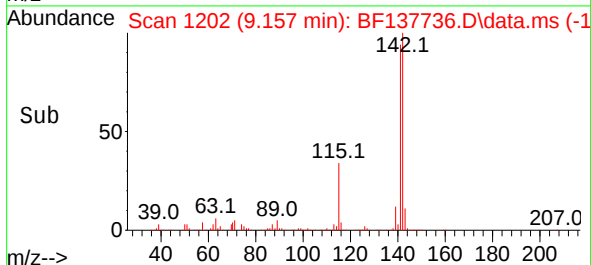
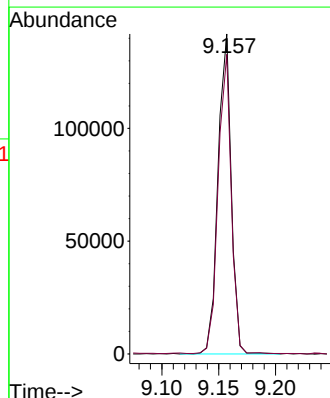
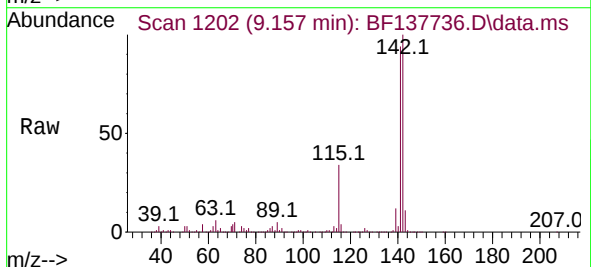
Acq: 26 Apr 2024 15:47

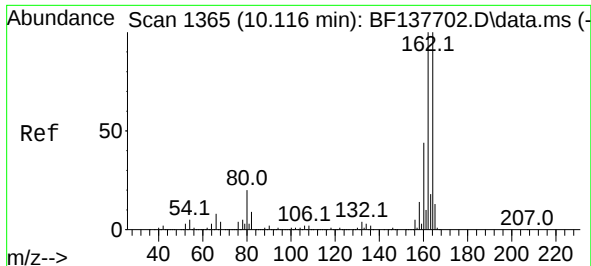
Tgt Ion:142 Resp: 115246

Ion Ratio Lower Upper

142 100

141 93.6 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.104 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF137736.D

Acq: 26 Apr 2024 15:47

Instrument :

BNA_F

ClientSampleId :

B-131-GW-02

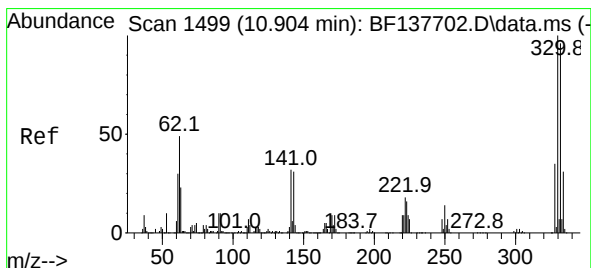
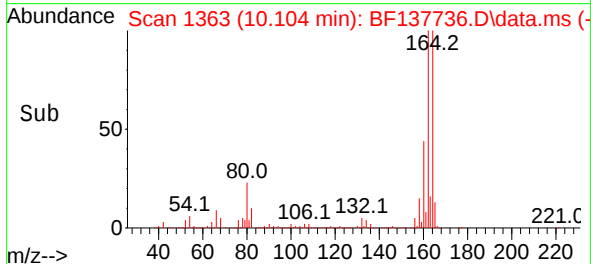
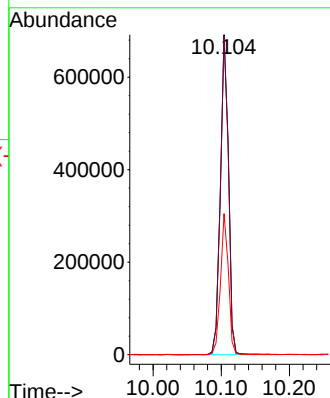
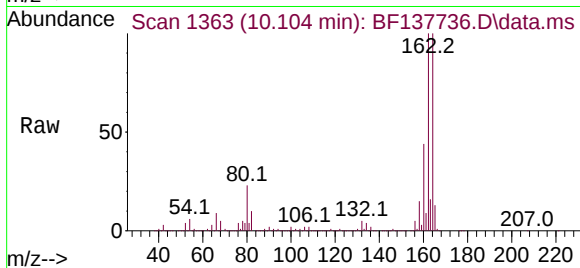
Tgt Ion:164 Resp: 571802

Ion Ratio Lower Upper

164 100

162 99.6 80.3 120.5

160 44.1 35.0 52.4



#42

2,4,6-Tribromophenol

Concen: 96.697 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137736.D

Acq: 26 Apr 2024 15:47

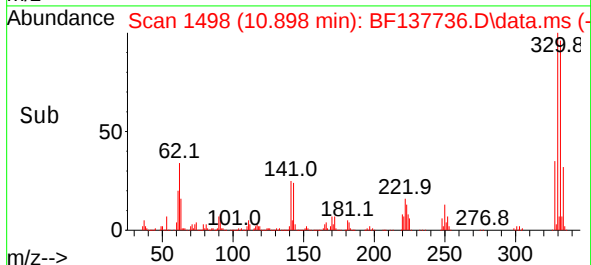
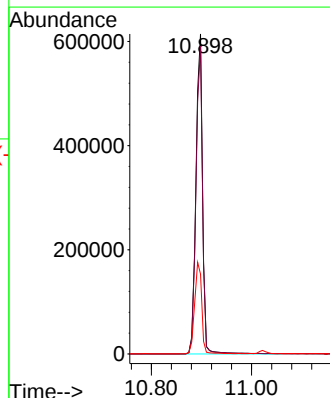
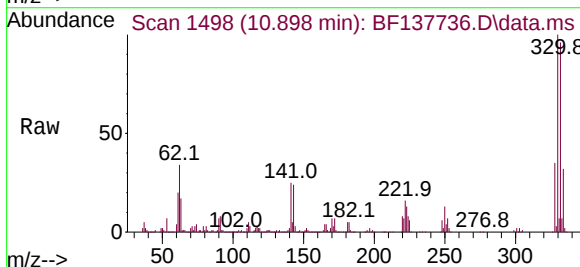
Tgt Ion:330 Resp: 557931

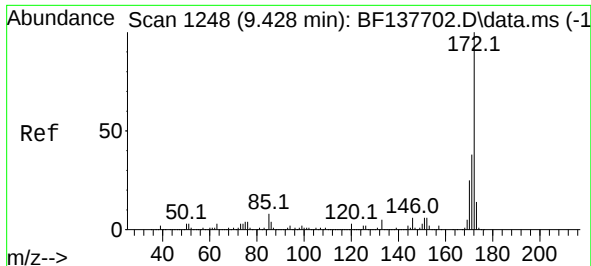
Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

141 31.0 27.0 40.4





#45

2-Fluorobiphenyl

Concen: 62.187 ng

RT: 9.416 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137736.D

Acq: 26 Apr 2024 15:47

Instrument :

BNA_F

ClientSampleId :

B-131-GW-02

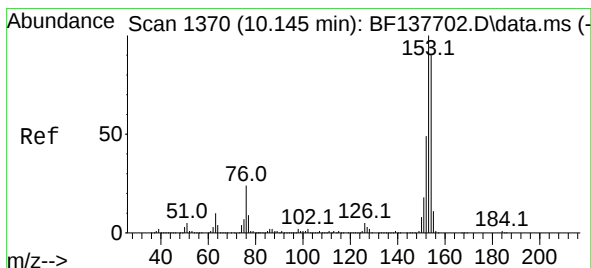
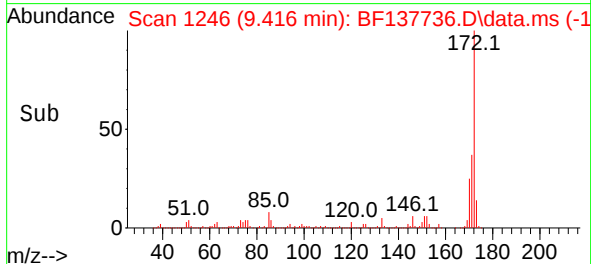
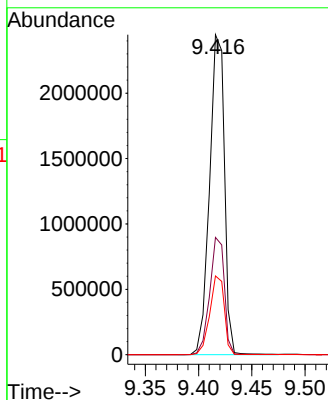
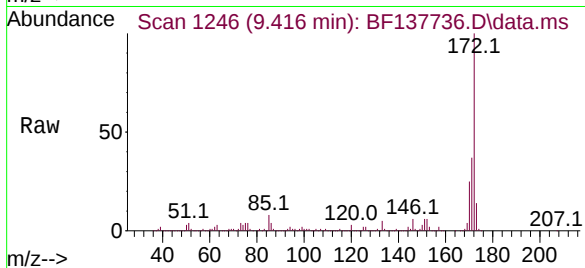
Tgt Ion:172 Resp: 2379773

Ion Ratio Lower Upper

172 100

171 36.7 30.2 45.4

170 24.6 20.2 30.4



#52

Acenaphthene

Concen: 9.056 ng

RT: 10.139 min Scan# 1369

Delta R.T. -0.006 min

Lab File: BF137736.D

Acq: 26 Apr 2024 15:47

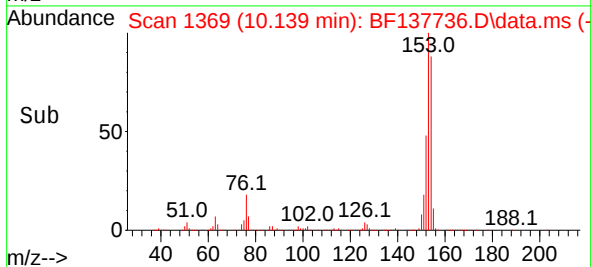
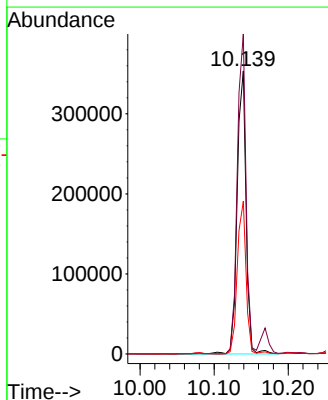
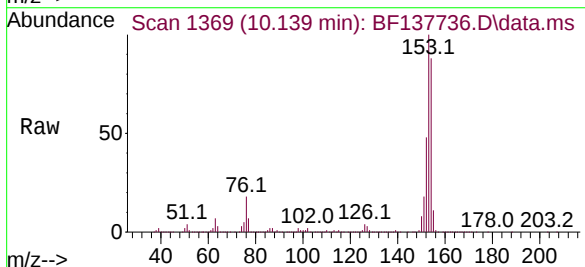
Tgt Ion:154 Resp: 293215

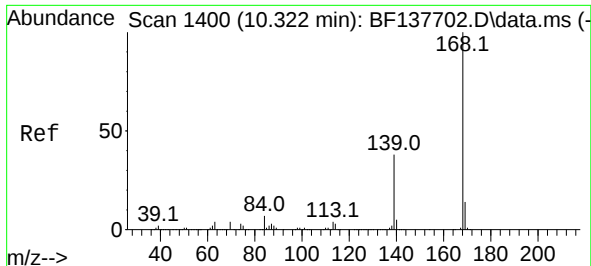
Ion Ratio Lower Upper

154 100

153 113.1 88.5 132.7

152 54.0 43.3 64.9





#55

Dibenzenofuran

Concen: 5.091 ng

RT: 10.310 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF137736.D

Acq: 26 Apr 2024 15:47

Instrument :

BNA_F

ClientSampleId :

B-131-GW-02

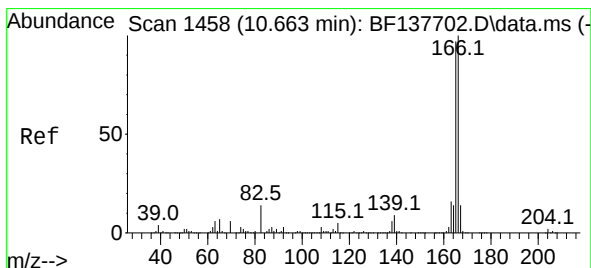
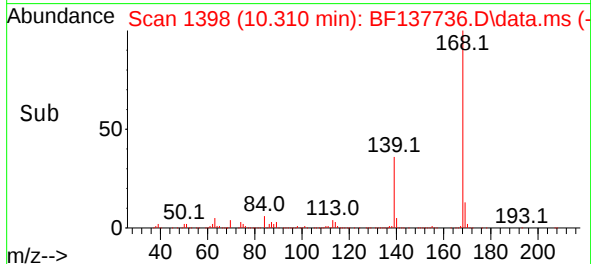
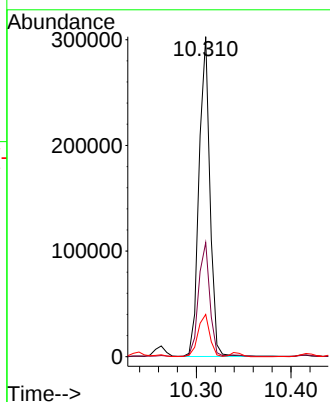
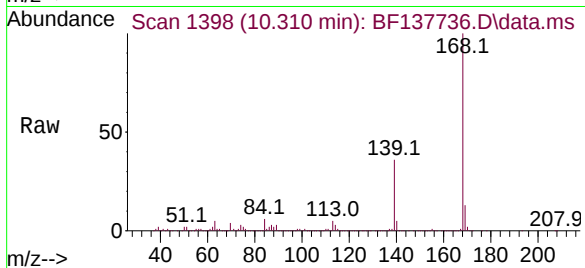
Tgt Ion:168 Resp: 241617

Ion Ratio Lower Upper

168 100

139 35.7 30.1 45.1

169 13.2 10.9 16.3



#58

Fluorene

Concen: 6.579 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.012 min

Lab File: BF137736.D

Acq: 26 Apr 2024 15:47

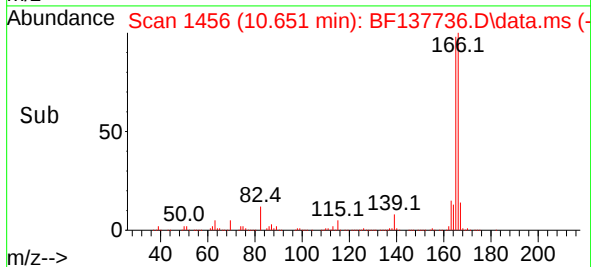
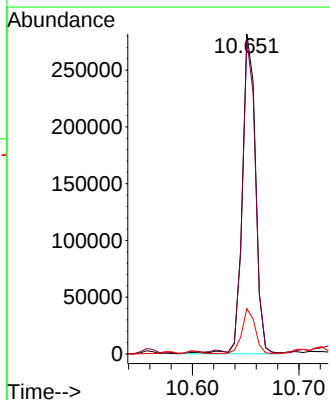
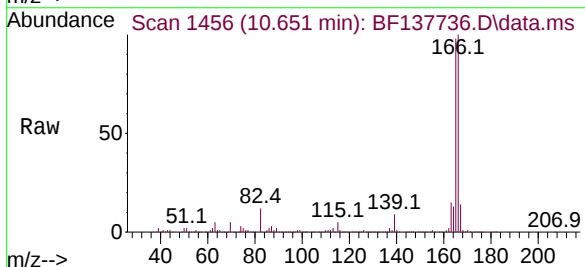
Tgt Ion:166 Resp: 244004

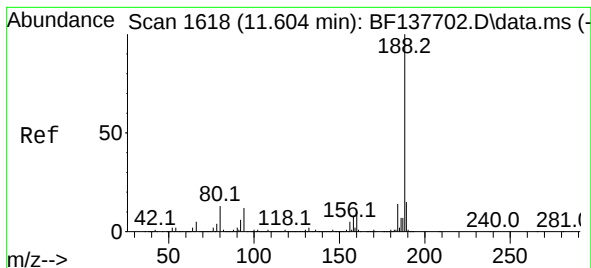
Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.6

167 14.1 10.8 16.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137736.D

Acq: 26 Apr 2024 15:47

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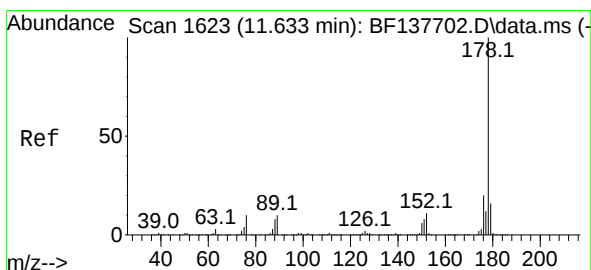
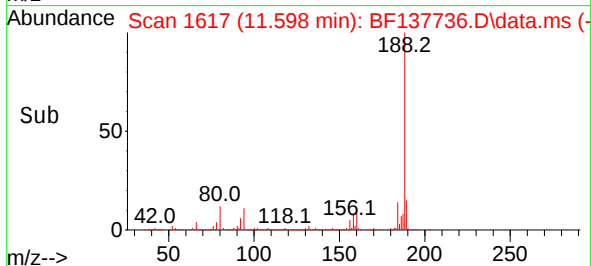
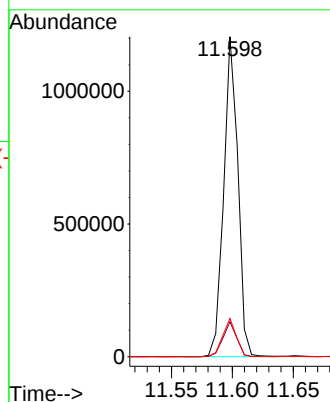
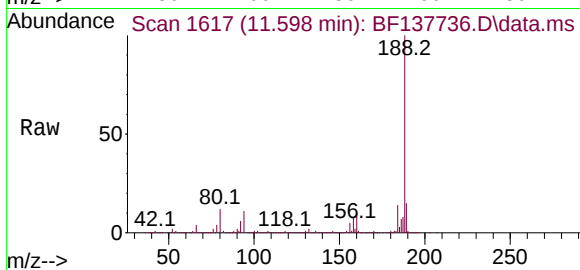
Tgt Ion:188 Resp: 976845

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

80 12.0 10.2 15.4



#71

Phenanthrene

Concen: 4.023 ng

RT: 11.622 min Scan# 1621

Delta R.T. -0.012 min

Lab File: BF137736.D

Acq: 26 Apr 2024 15:47

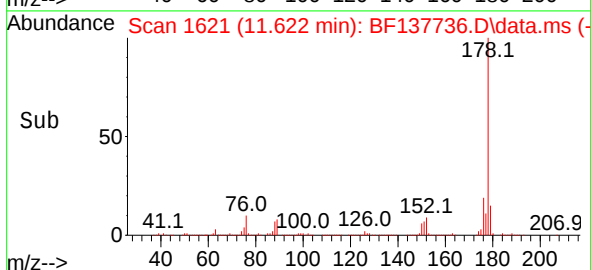
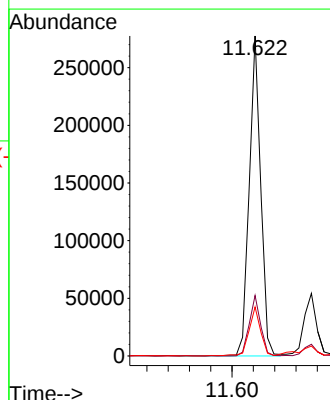
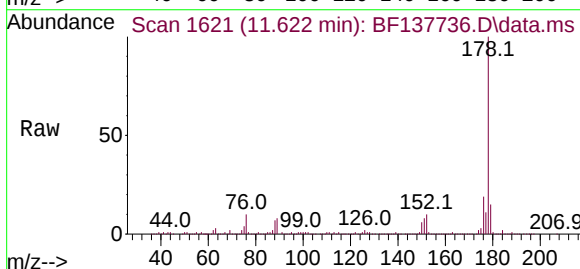
Tgt Ion:178 Resp: 208017

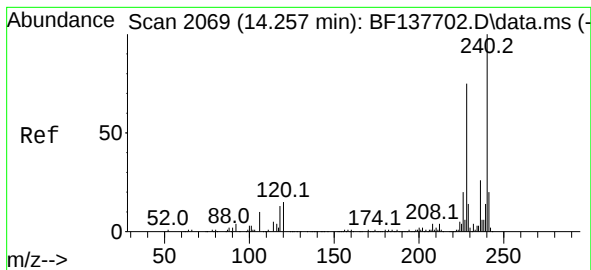
Ion Ratio Lower Upper

178 100

176 18.9 16.4 24.6

179 15.3 12.8 19.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.012 min

Lab File: BF137736.D

Acq: 26 Apr 2024 15:47

Instrument :

BNA_F

ClientSampleId :

B-131-GW-02

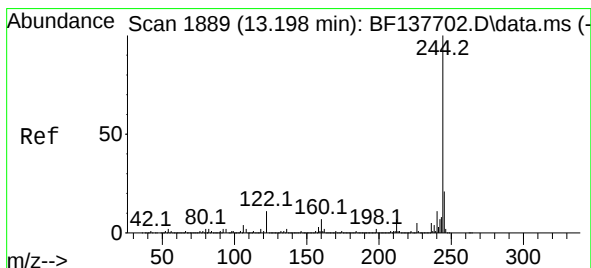
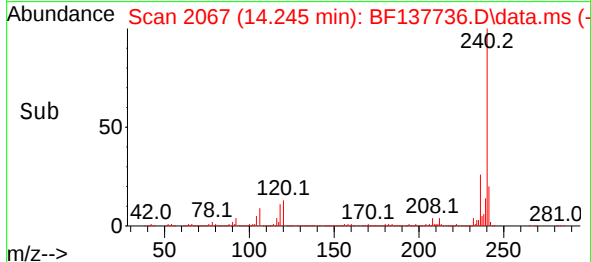
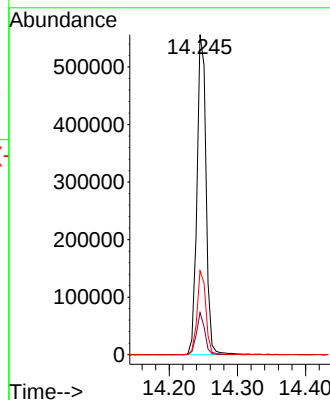
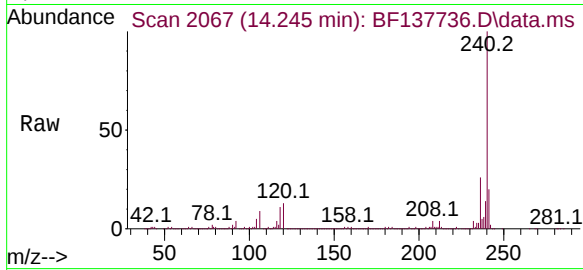
Tgt Ion:240 Resp: 514641

Ion Ratio Lower Upper

240 100

120 13.1 11.9 17.9

236 26.2 20.8 31.2



#79

Terphenyl-d14

Concen: 78.891 ng

RT: 13.186 min Scan# 1887

Delta R.T. -0.012 min

Lab File: BF137736.D

Acq: 26 Apr 2024 15:47

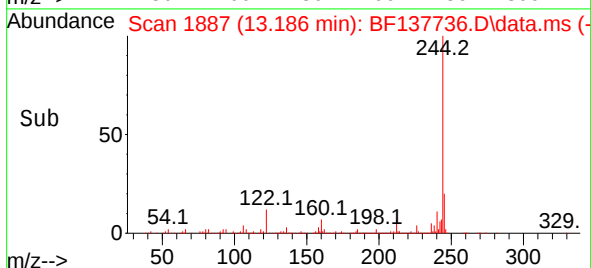
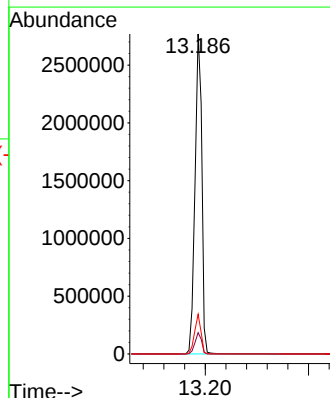
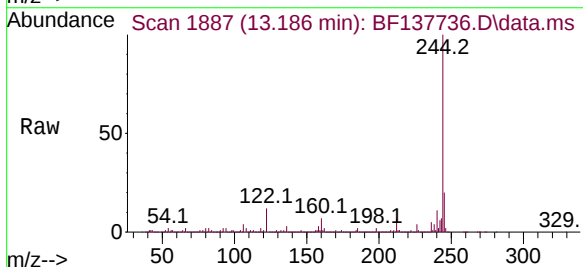
Tgt Ion:244 Resp: 2522448

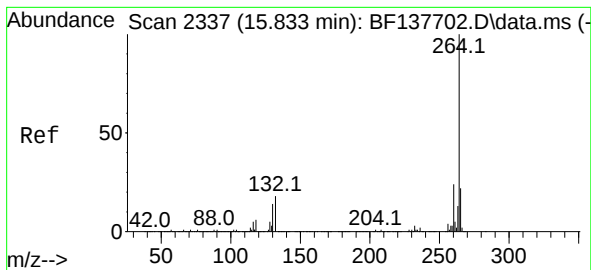
Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

122 12.4 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.821 min Scan# 24
Delta R.T. -0.012 min
Lab File: BF137736.D
Acq: 26 Apr 2024 15:47

Instrument :
BNA_F
ClientSampleId :
B-131-GW-02

Tgt Ion:264 Resp: 512335

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.4	17.5	26.3

