

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
 Data File : BF137738.D
 Acq On : 26 Apr 2024 16:49
 Operator : CG\JU
 Sample : P2266-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-042324

Quant Time: Apr 26 17:21:20 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)

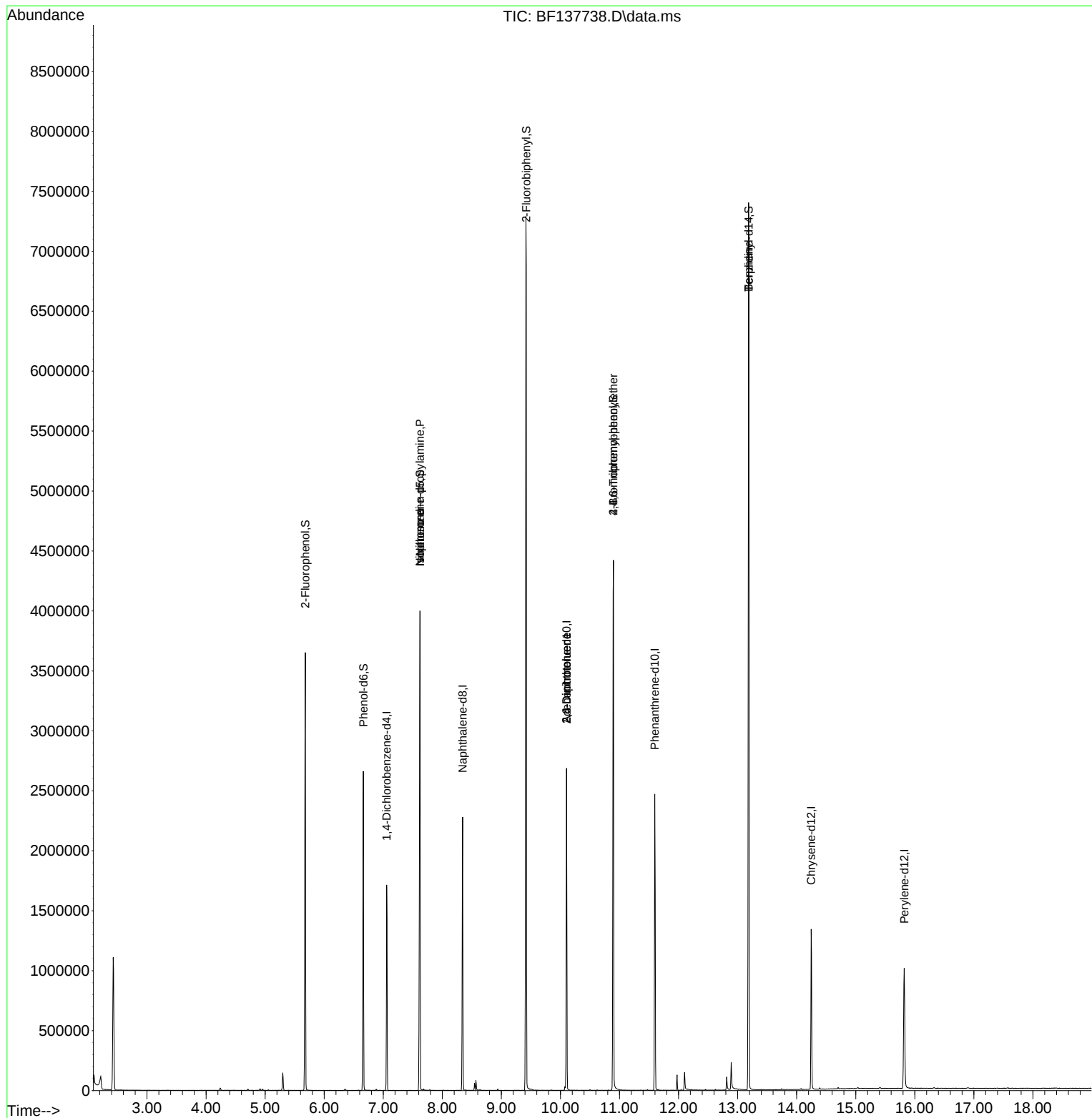
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	242382	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	929874	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	500964	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	821891	20.000	ng	0.00
76) Chrysene-d12	14.245	240	440339	20.000	ng	-0.01
86) Perylene-d12	15.821	264	498216	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	941353	58.996	ng	0.00
7) Phenol-d6	6.663	99	803127	39.636	ng	-0.01
23) Nitrobenzene-d5	7.622	82	1249654	71.338	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	579225	114.582	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2431490	72.523	ng	0.00
79) Terphenyl-d14	13.186	244	2778302	101.555	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.622	70	164430	12.549	ng	# 76
25) Isophorone	7.622	82	1246258	38.307	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	65448	8.900	ng	# 22
57) 2,4-Dinitrotoluene	10.104	165	65448	7.059	ng	# 24
67) 4-Bromophenyl-phenylether	10.898	248	38228	4.014	ng	# 1
77) Benzidine	13.186	184	34161	3.321	ng	# 92

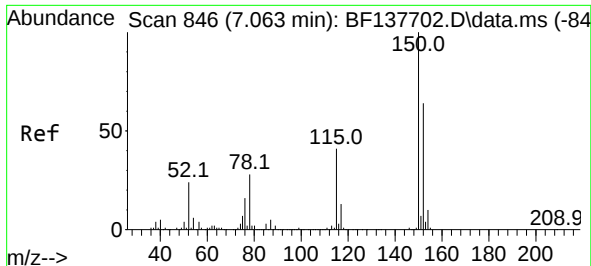
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
Data File : BF137738.D
Acq On : 26 Apr 2024 16:49
Operator : CG\JU
Sample : P2266-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-042324

Quant Time: Apr 26 17:21:20 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

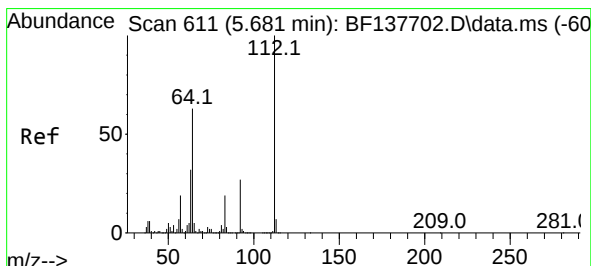
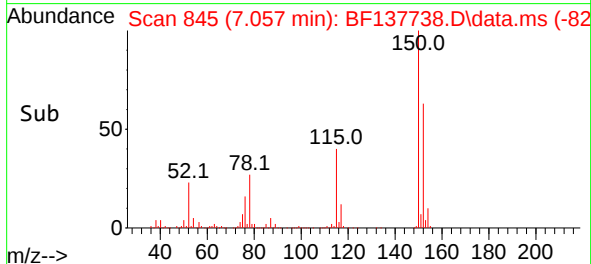
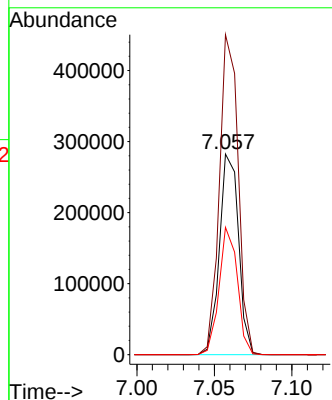
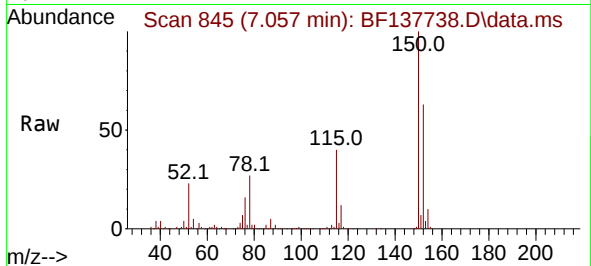




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137738.D
Acq: 26 Apr 2024 16:49

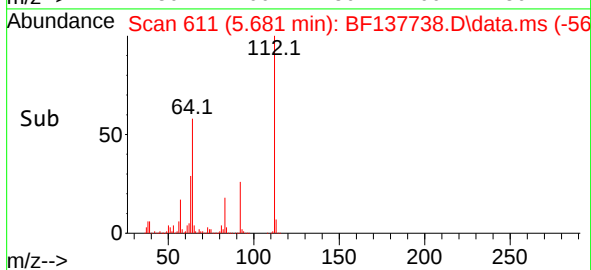
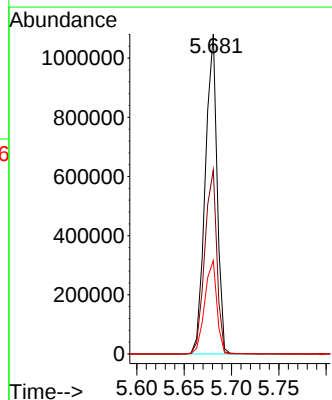
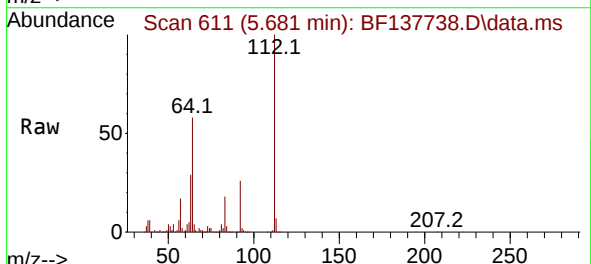
Instrument :
BNA_F
ClientSampleId :
EB-042324

Tgt Ion:152 Resp: 242382
Ion Ratio Lower Upper
152 100
150 159.5 124.2 186.4
115 63.5 50.8 76.2



#5
2-Fluorophenol
Concen: 58.996 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF137738.D
Acq: 26 Apr 2024 16:49

Tgt Ion:112 Resp: 941353
Ion Ratio Lower Upper
112 100
64 57.5 50.1 75.1
63 29.2 25.2 37.8

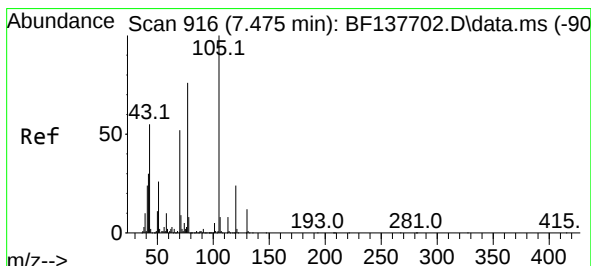
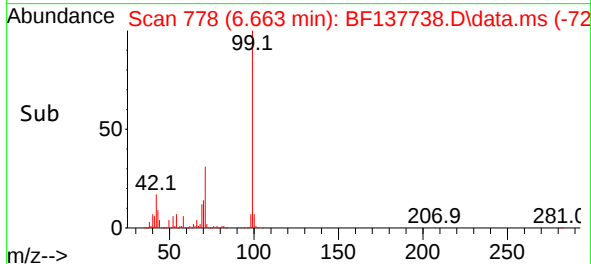
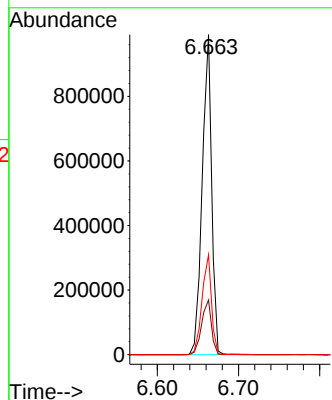
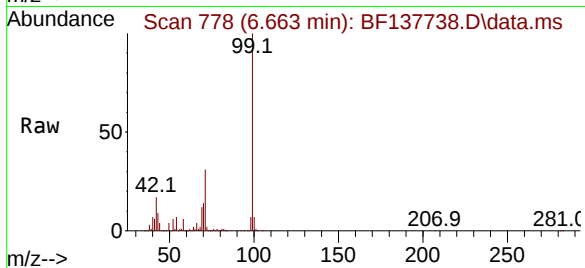




#7
Phenol-d6
Concen: 39.636 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137738.D
Acq: 26 Apr 2024 16:49

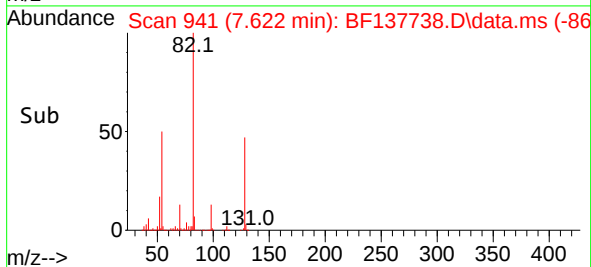
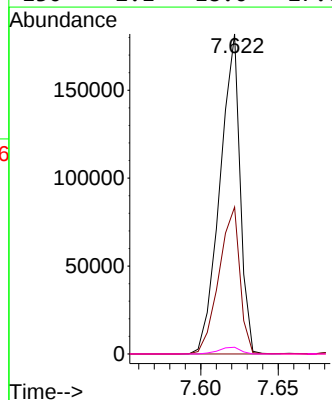
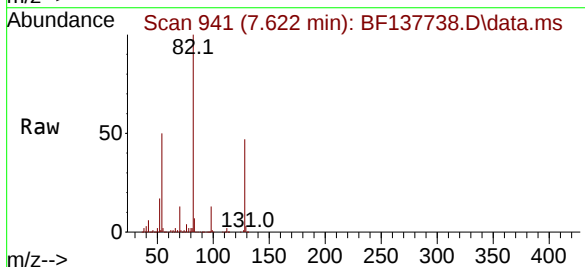
Instrument :
BNA_F
ClientSampleId :
EB-042324

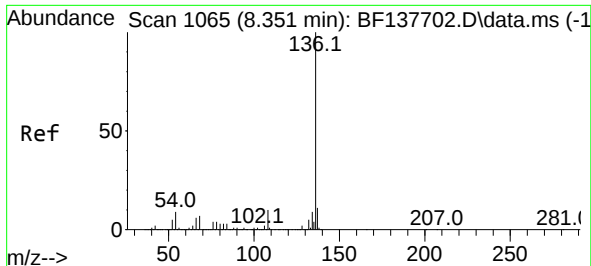
Tgt Ion: 99 Resp: 803127
Ion Ratio Lower Upper
99 100
42 17.1 15.0 22.4
71 31.2 25.7 38.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.549 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.147 min
Lab File: BF137738.D
Acq: 26 Apr 2024 16:49

Tgt Ion: 70 Resp: 164430
Ion Ratio Lower Upper
70 100
42 45.9 45.9 68.9#
101 0.0 8.0 12.0#
130 2.1 18.0 27.0#



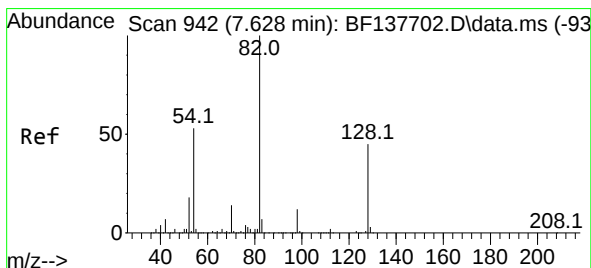
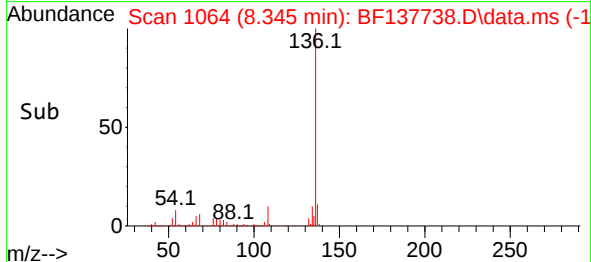
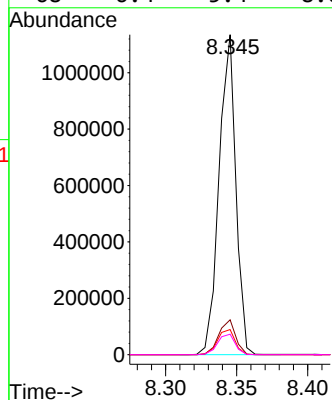
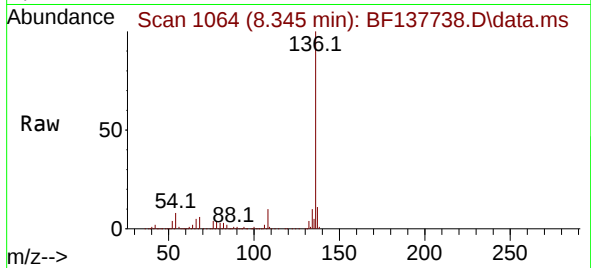


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137738.D
Acq: 26 Apr 2024 16:49

Instrument :
BNA_F
ClientSampleId :
EB-042324

Tgt Ion:136 Resp: 929874

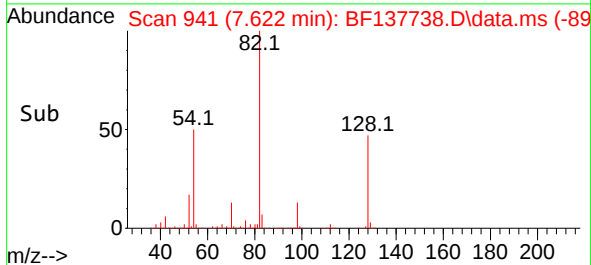
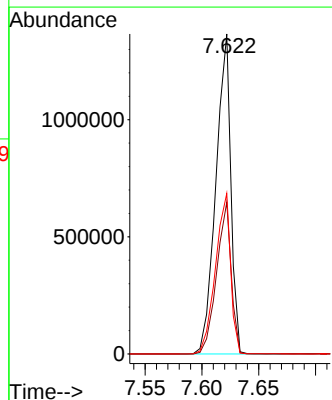
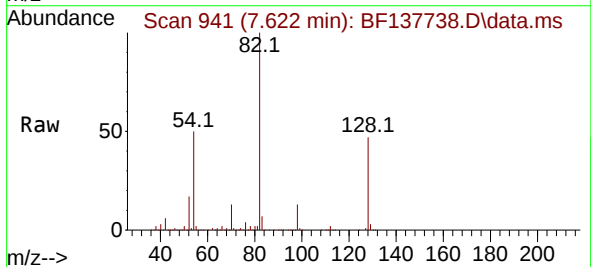
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.9	6.9	10.3
68	6.4	5.4	8.0

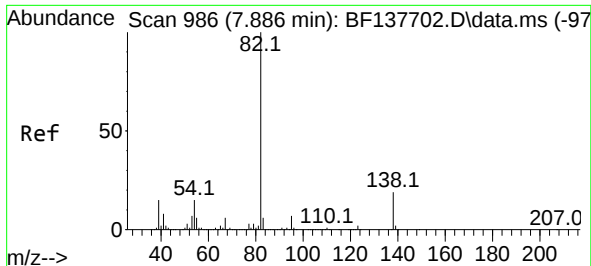


#23
Nitrobenzene-d5
Concen: 71.338 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137738.D
Acq: 26 Apr 2024 16:49

Tgt Ion: 82 Resp: 1249654

Ion	Ratio	Lower	Upper
82	100		
128	47.4	35.8	53.6
54	50.2	42.5	63.7

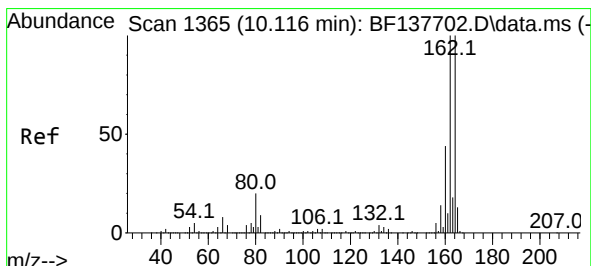
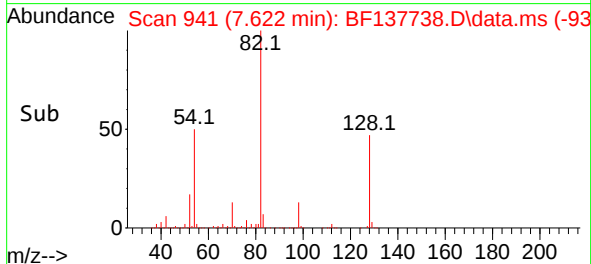
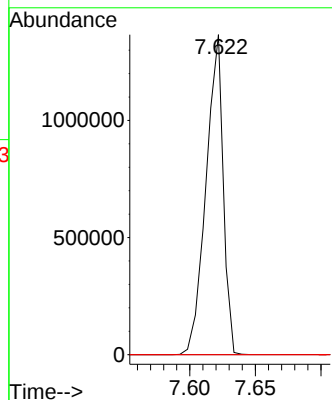
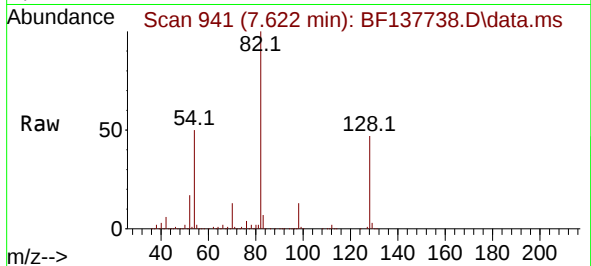




#25
Isophorone
Concen: 38.307 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.265 min
Lab File: BF137738.D
Acq: 26 Apr 2024 16:49

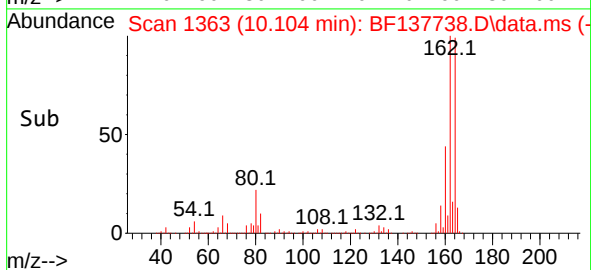
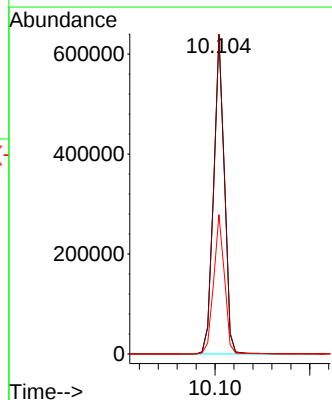
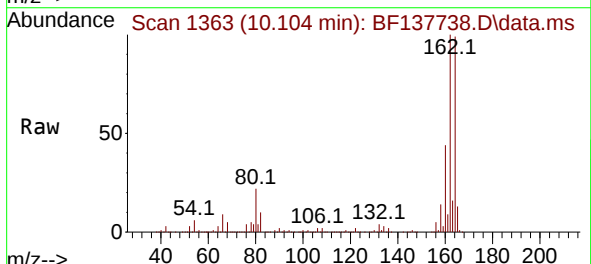
Instrument :
BNA_F
ClientSampleId :
EB-042324

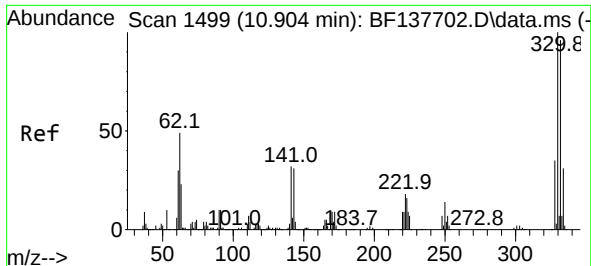
Tgt Ion: 82 Resp: 1246258
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF137738.D
Acq: 26 Apr 2024 16:49

Tgt Ion:164 Resp: 500964
Ion Ratio Lower Upper
164 100
162 100.7 80.3 120.5
160 43.8 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 114.582 ng

RT: 10.898 min Scan# 1499

Delta R.T. -0.006 min

Lab File: BF137738.D

Acq: 26 Apr 2024 16:49

Instrument :

BNA_F

ClientSampleId :

EB-042324

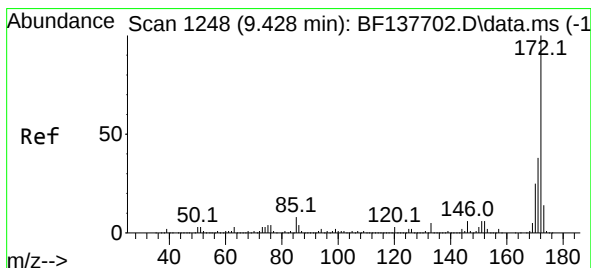
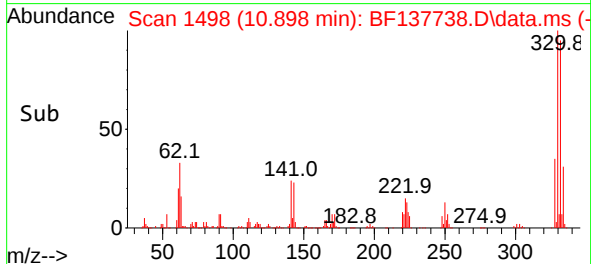
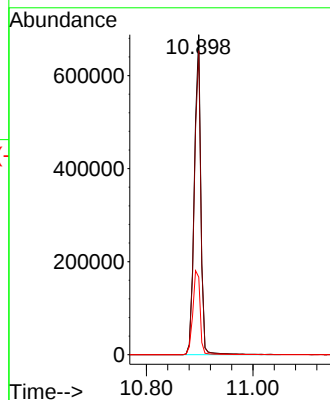
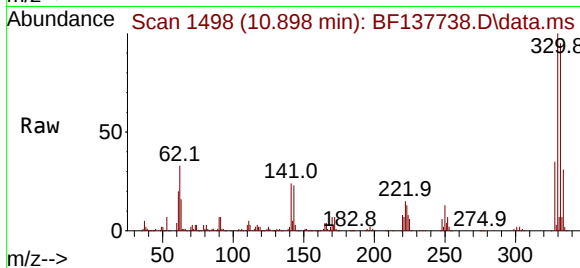
Tgt Ion:330 Resp: 579225

Ion Ratio Lower Upper

330 100

332 95.6 77.1 115.7

141 29.8 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 72.523 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137738.D

Acq: 26 Apr 2024 16:49

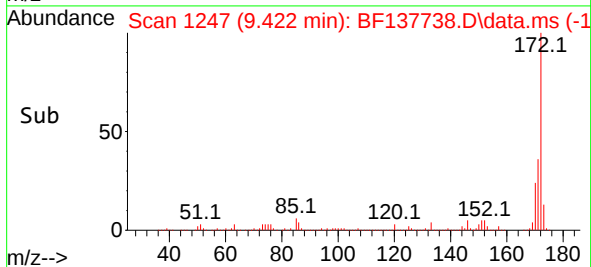
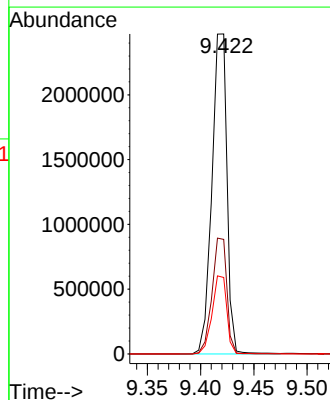
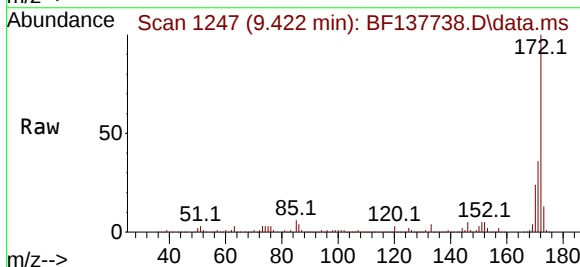
Tgt Ion:172 Resp: 2431490

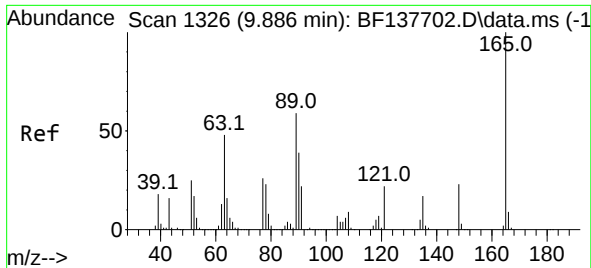
Ion Ratio Lower Upper

172 100

171 35.8 30.2 45.4

170 23.9 20.2 30.4

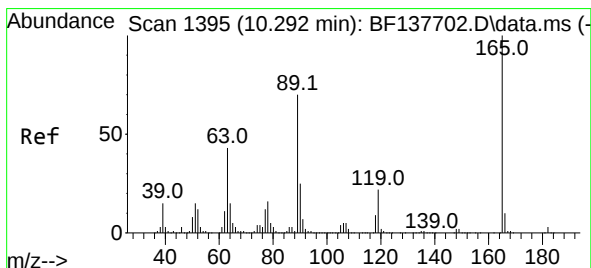
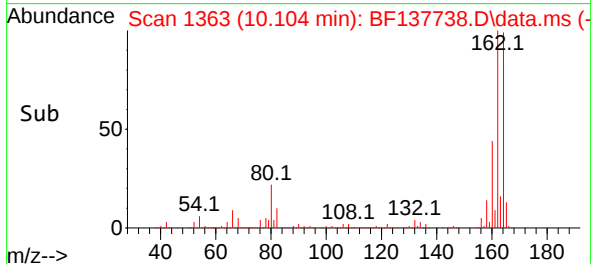
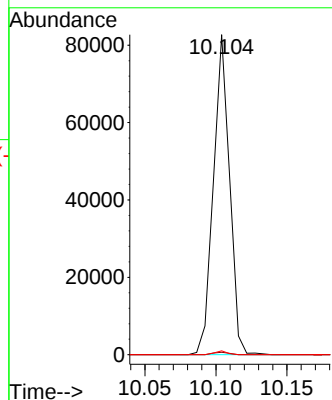
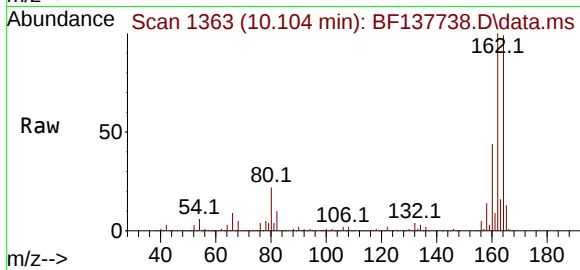




#51
2,6-Dinitrotoluene
Concen: 8.900 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.218 min
Lab File: BF137738.D
Acq: 26 Apr 2024 16:49

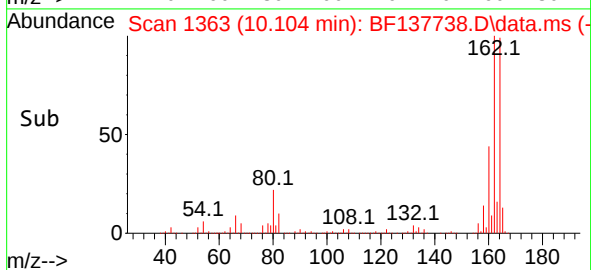
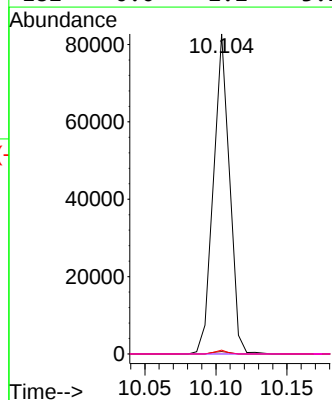
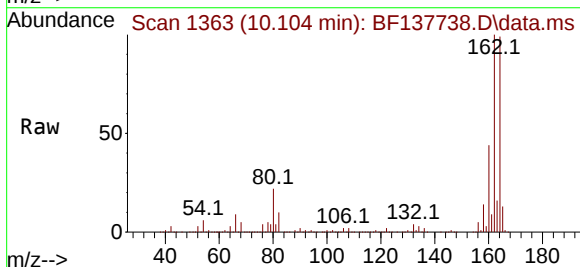
Instrument :
BNA_F
ClientSampleId :
EB-042324

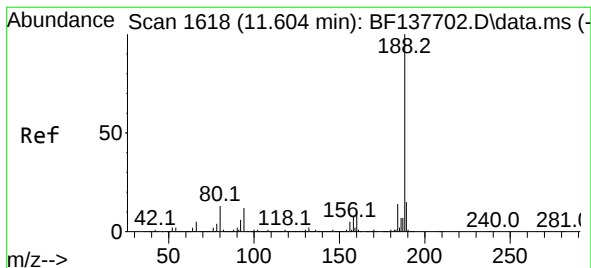
Tgt Ion:165 Resp: 65448
Ion Ratio Lower Upper
165 100
63 0.8 47.7 71.5#
89 1.2 47.3 70.9#



#57
2,4-Dinitrotoluene
Concen: 7.059 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.188 min
Lab File: BF137738.D
Acq: 26 Apr 2024 16:49

Tgt Ion:165 Resp: 65448
Ion Ratio Lower Upper
165 100
63 0.8 34.1 51.1#
89 1.2 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: BF137738.D

Acq: 26 Apr 2024 16:49

Instrument :

BNA_F

ClientSampleId :

EB-042324

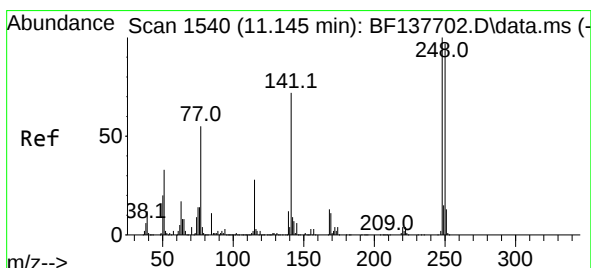
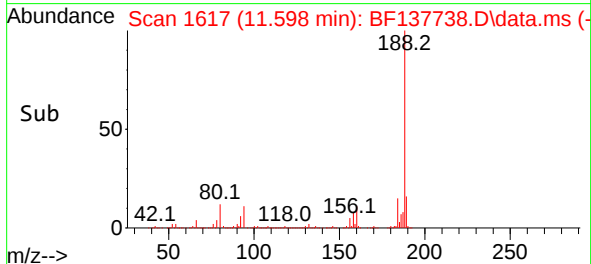
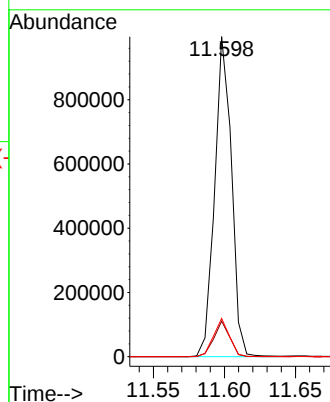
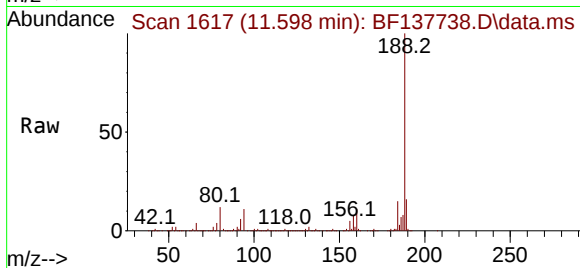
Tgt Ion:188 Resp: 821891

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

80 12.0 10.2 15.4



#67

4-Bromophenyl-phenylether

Concen: 4.014 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.247 min

Lab File: BF137738.D

Acq: 26 Apr 2024 16:49

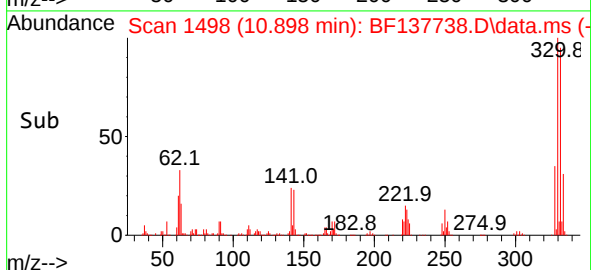
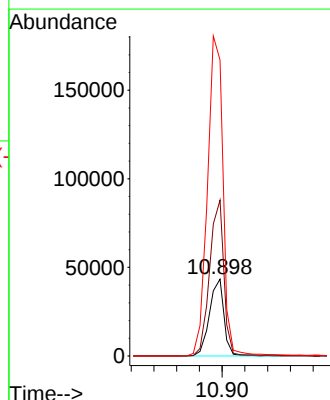
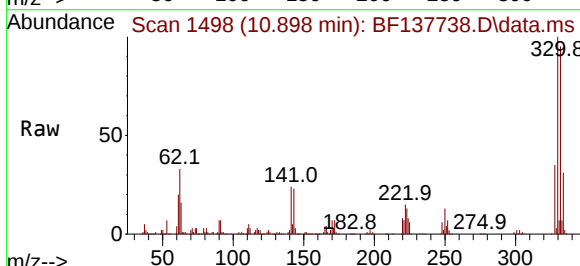
Tgt Ion:248 Resp: 38228

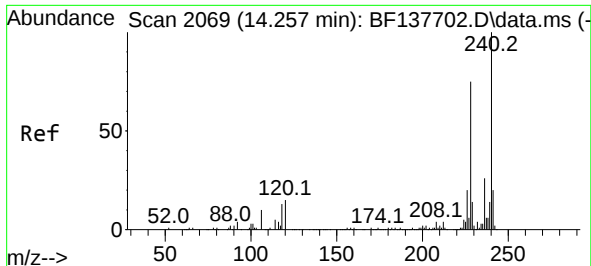
Ion Ratio Lower Upper

248 100

250 202.8 77.4 116.0#

141 385.0 57.9 86.9#

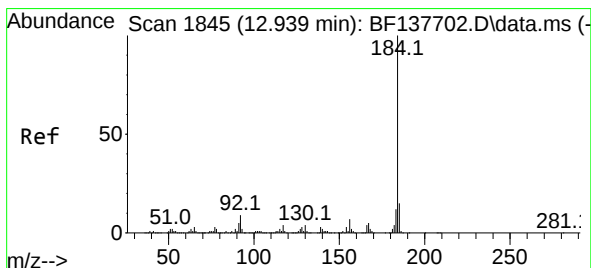
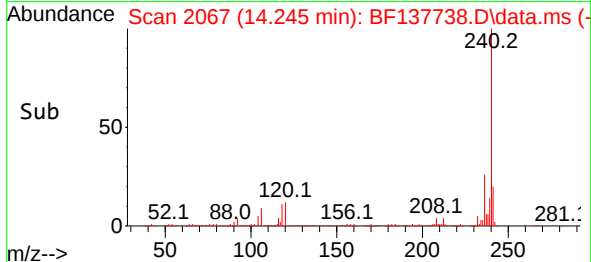
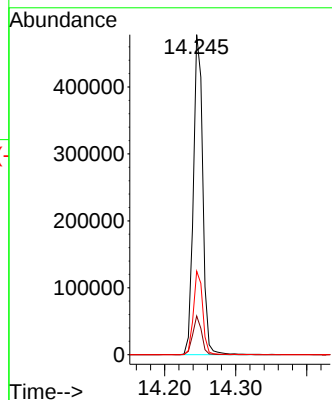
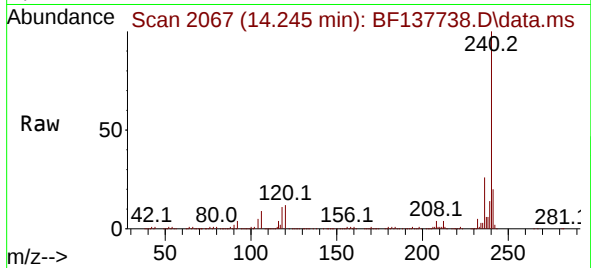




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.012 min
Lab File: BF137738.D
Acq: 26 Apr 2024 16:49

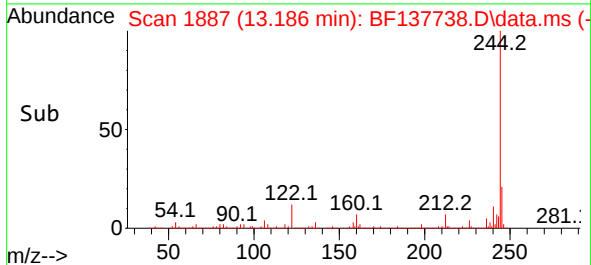
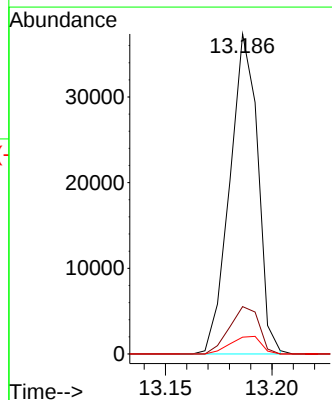
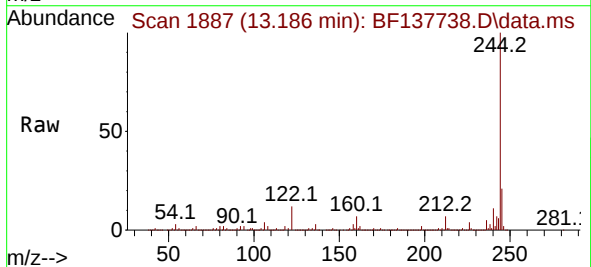
Instrument :
BNA_F
ClientSampleId :
EB-042324

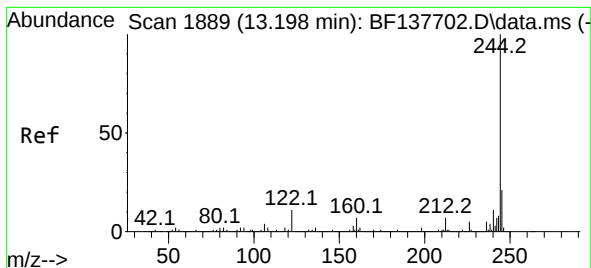
Tgt Ion:240 Resp: 440339
Ion Ratio Lower Upper
240 100
120 12.1 11.9 17.9
236 26.1 20.8 31.2



#77
Benzidine
Concen: 3.321 ng
RT: 13.186 min Scan# 1887
Delta R.T. 0.247 min
Lab File: BF137738.D
Acq: 26 Apr 2024 16:49

Tgt Ion:184 Resp: 34161
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.4
183 5.3 9.4 14.0#





#79

Terphenyl-d14

Concen: 101.555 ng

RT: 13.186 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137738.D

Acq: 26 Apr 2024 16:49

Instrument :

BNA_F

ClientSampleId :

EB-042324

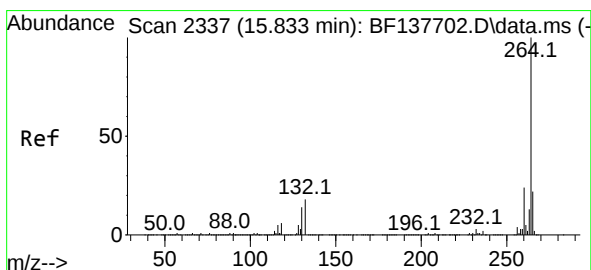
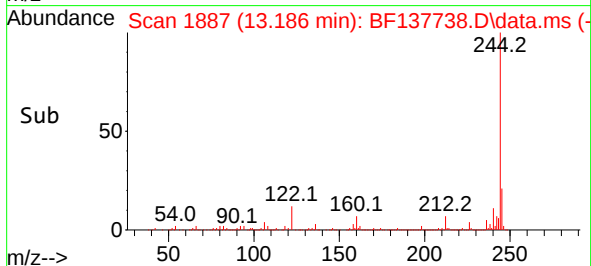
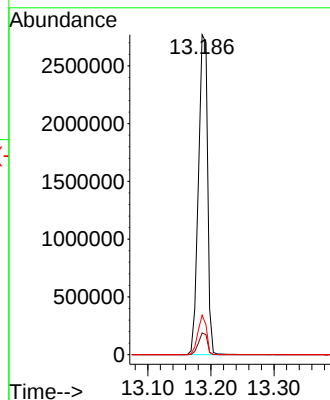
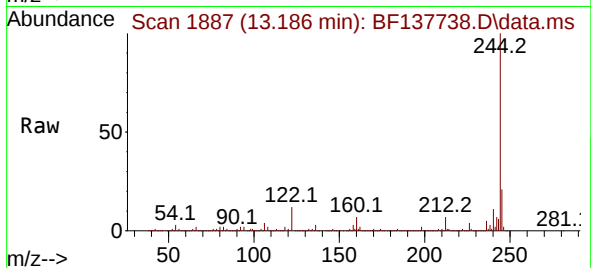
Tgt Ion:244 Resp: 2778302

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 12.3 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: BF137738.D

Acq: 26 Apr 2024 16:49

Tgt Ion:264 Resp: 498216

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.3 17.5 26.3

