

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
 Data File : BF137753.D
 Acq On : 29 Apr 2024 16:58
 Operator : CG\JU
 Sample : P2283-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 29 17:39:02 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)

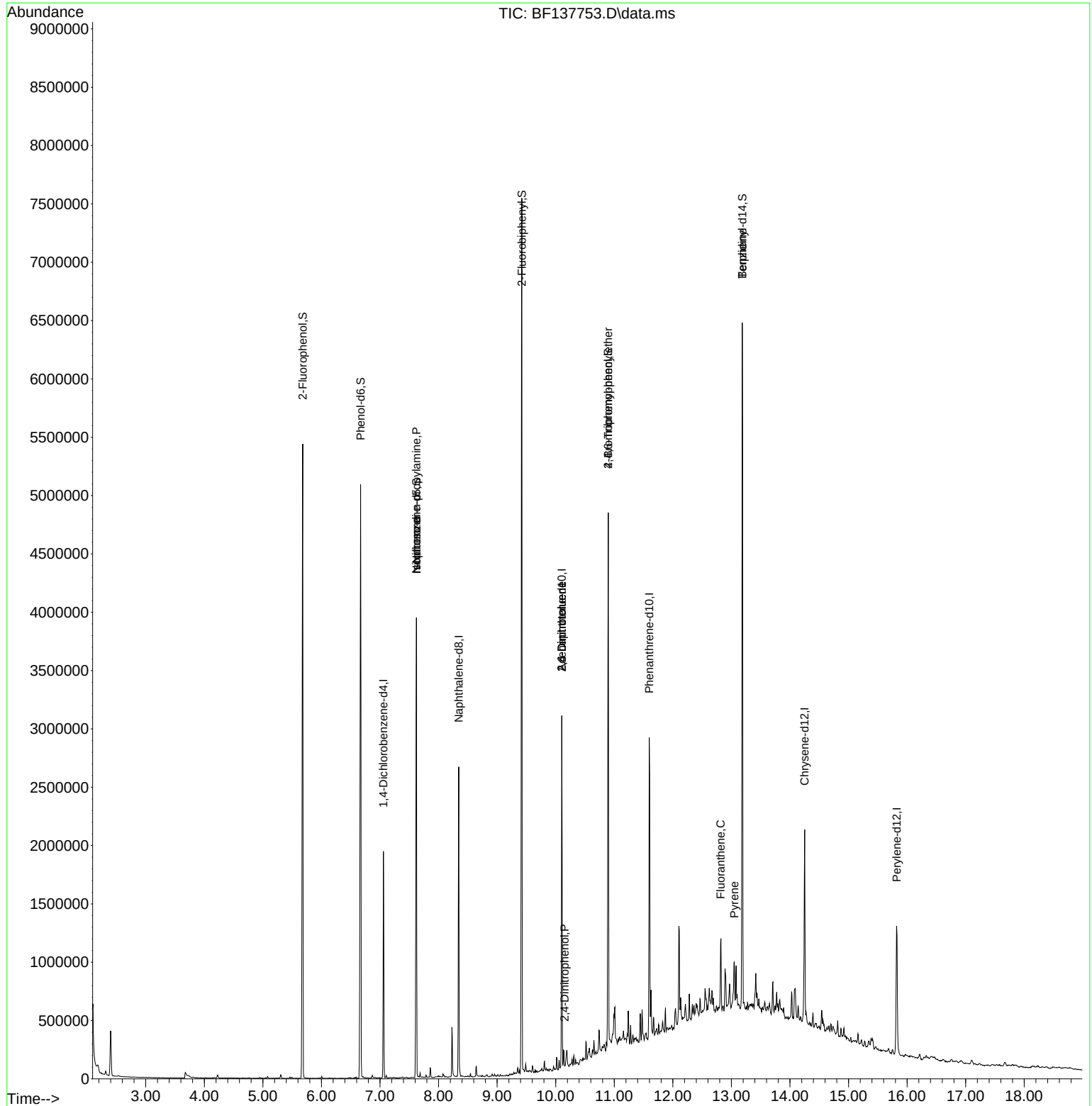
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	265805	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1045576	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	579970	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	933474	20.000	ng	0.00
76) Chrysene-d12	14.251	240	498541	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	536181	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1565761	89.481	ng	0.00
7) Phenol-d6	6.669	99	1989975	89.554	ng	0.00
23) Nitrobenzene-d5	7.622	82	1209789	61.420	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	580077	99.119	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2319743	59.765	ng	0.00
79) Terphenyl-d14	13.186	244	2134173	68.903	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.622	70	161533	11.242	ng	# 76
25) Isophorone	7.622	82	1207313	33.003	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	77478	9.100	ng	# 22
54) 2,4-Dinitrophenol	10.151	184	171	5.625	ng	# 1
57) 2,4-Dinitrotoluene	10.104	165	77915	7.259	ng	# 24
67) 4-Bromophenyl-phenylether	10.898	248	38131	3.525	ng	# 1
75) Fluoranthene	12.816	202	192095	3.698	ng	99
77) Benzidine	13.186	184	26055	2.238	ng	97
78) Pyrene	13.051	202	140899	3.443	ng	97

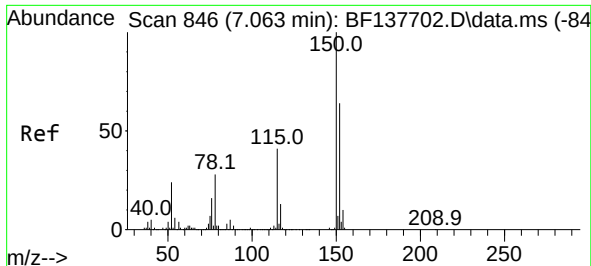
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
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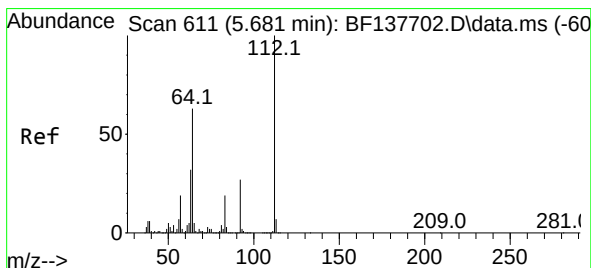
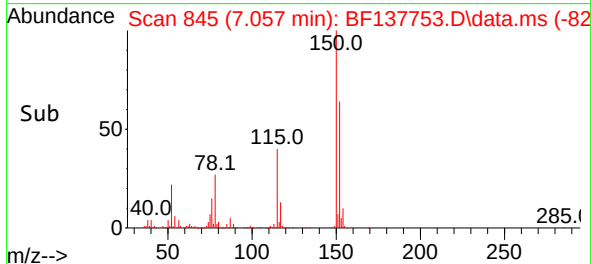
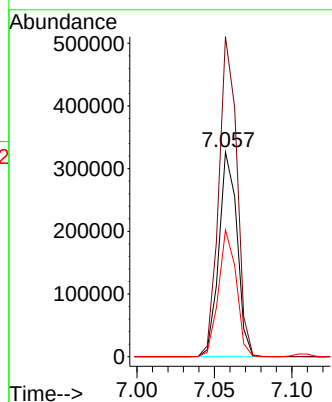
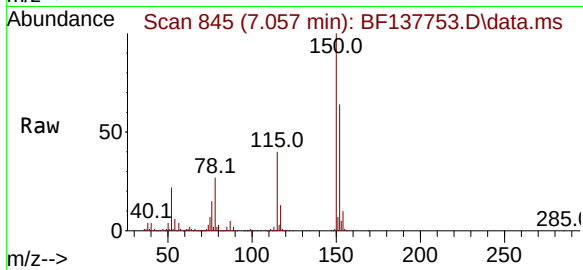




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.057 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: BF137753.D
 Acq: 29 Apr 2024 16:58

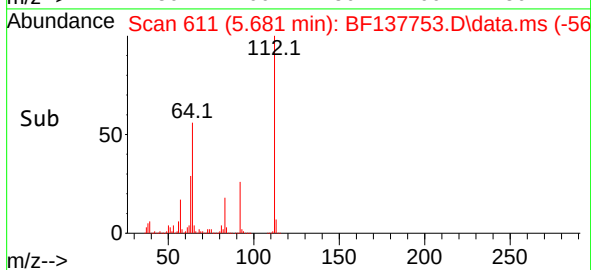
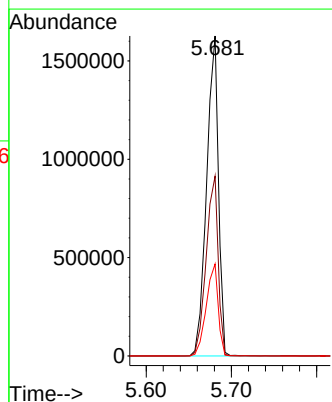
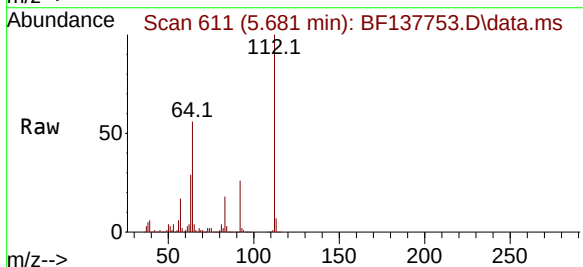
Instrument :
 BNA_F
 ClientSampleId :

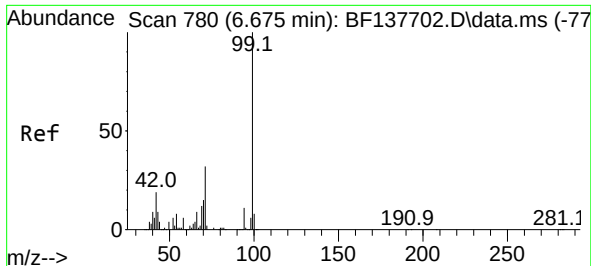
Tgt Ion:152 Resp: 265805
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.2 186.4
 115 62.0 50.8 76.2



#5
 2-Fluorophenol
 Concen: 89.481 ng
 RT: 5.681 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BF137753.D
 Acq: 29 Apr 2024 16:58

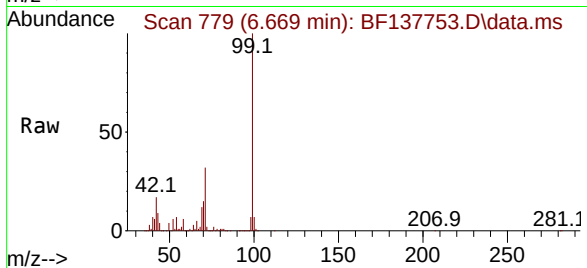
Tgt Ion:112 Resp: 1565761
 Ion Ratio Lower Upper
 112 100
 64 56.2 50.1 75.1
 63 28.7 25.2 37.8



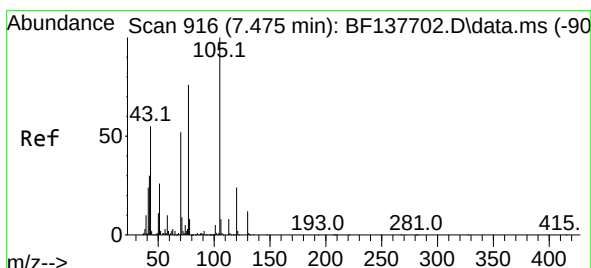
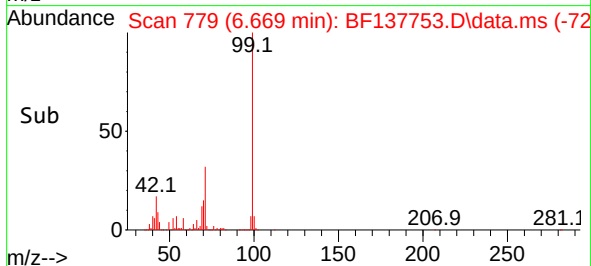
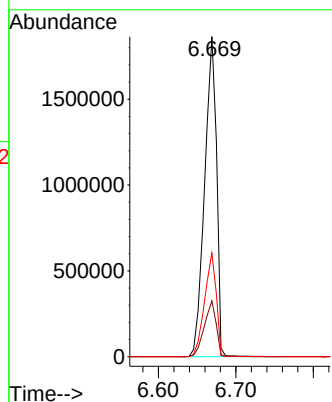


#7
Phenol-d6
Concen: 89.554 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

Instrument :
BNA_F
ClientSampleId :

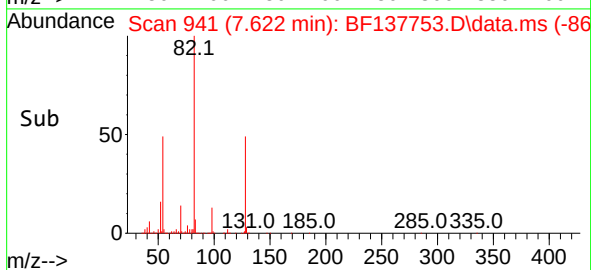
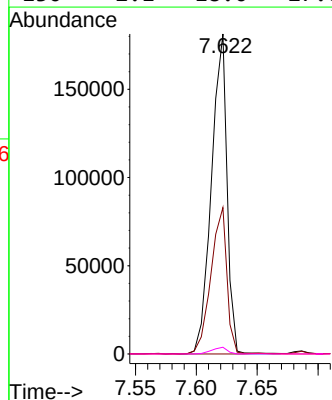
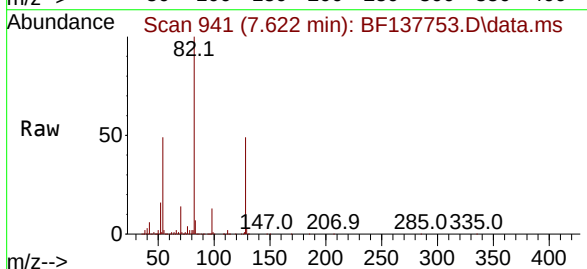


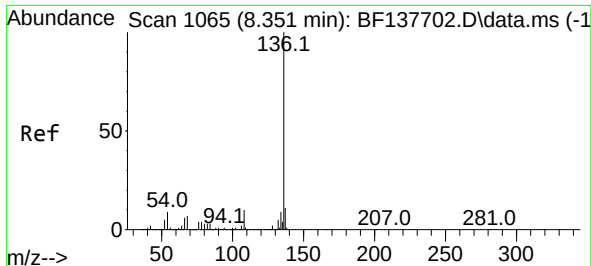
Tgt Ion: 99 Resp: 1989975
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.4
71 32.4 25.7 38.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.242 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.147 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

Tgt Ion: 70 Resp: 161533
Ion Ratio Lower Upper
70 100
42 45.7 45.9 68.9#
101 0.0 8.0 12.0#
130 2.1 18.0 27.0#

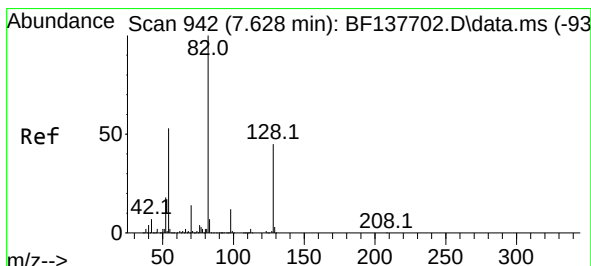
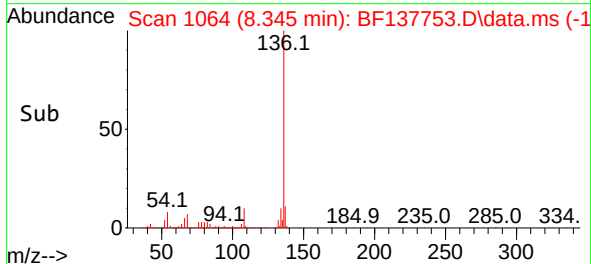
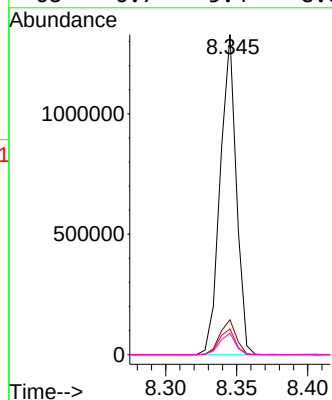
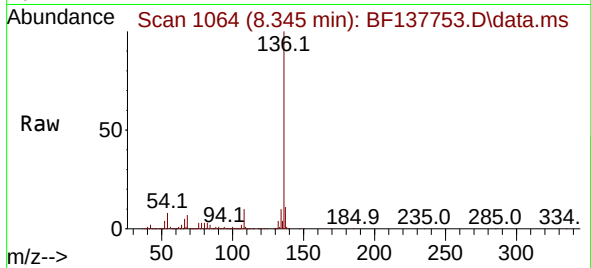




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

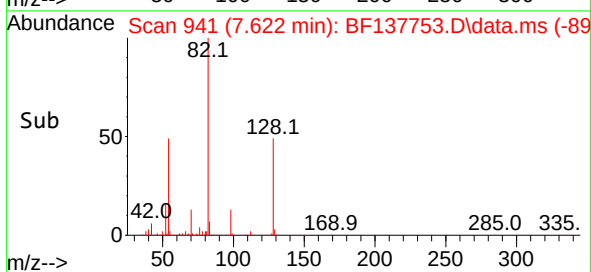
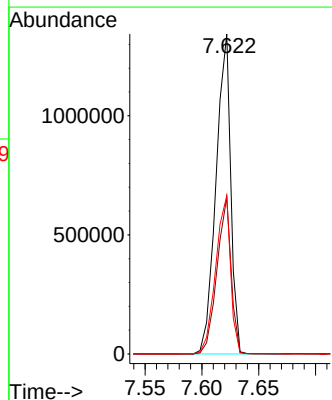
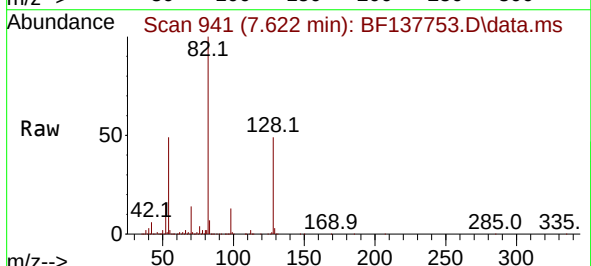
Instrument :
BNA_F
ClientSampleId :

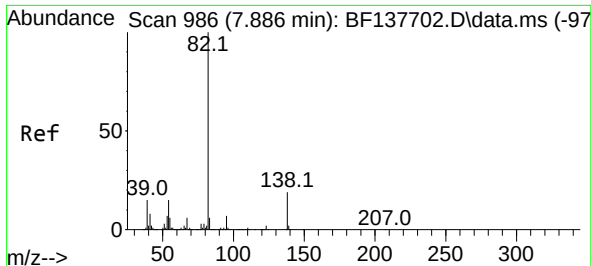
Tgt Ion:136 Resp: 1045576
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.0 6.9 10.3
68 6.7 5.4 8.0



#23
Nitrobenzene-d5
Concen: 61.420 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

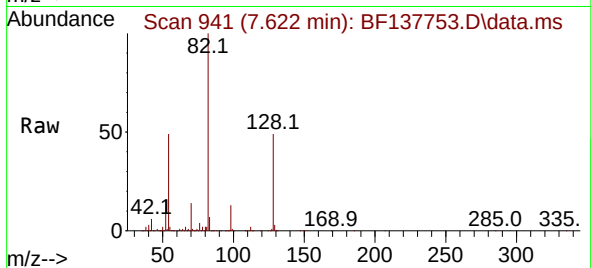
Tgt Ion: 82 Resp: 1209789
Ion Ratio Lower Upper
82 100
128 48.9 35.8 53.6
54 49.5 42.5 63.7



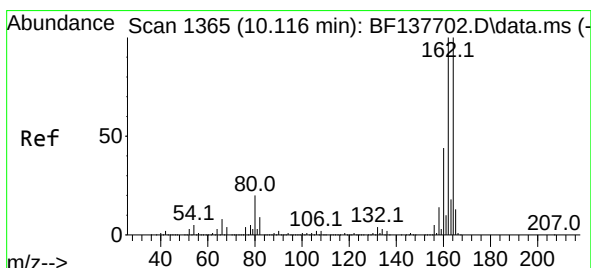
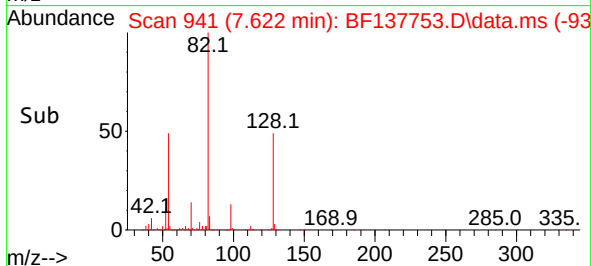
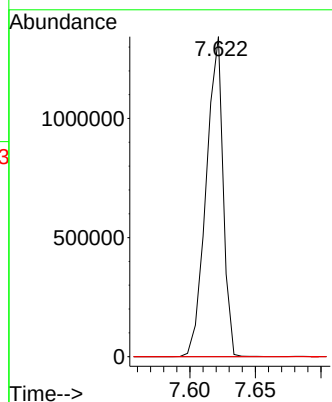


#25
Isophorone
Concen: 33.003 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.265 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

Instrument :
BNA_F
ClientSampleId :

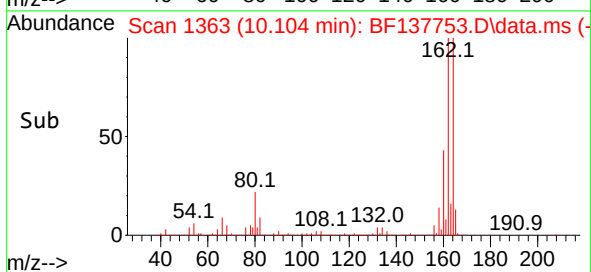
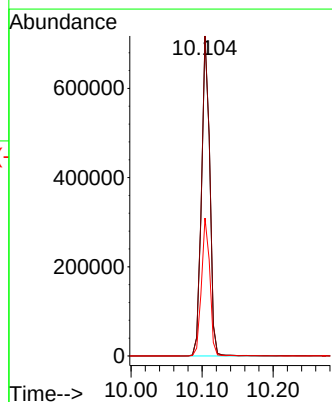
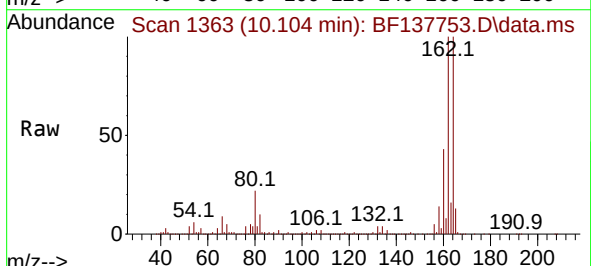


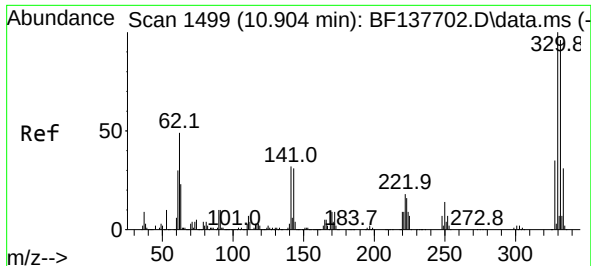
Tgt Ion: 82 Resp: 1207313
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

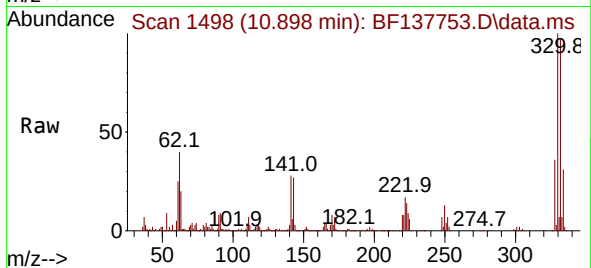
Tgt Ion: 164 Resp: 579970
Ion Ratio Lower Upper
164 100
162 100.4 80.3 120.5
160 43.3 35.0 52.4



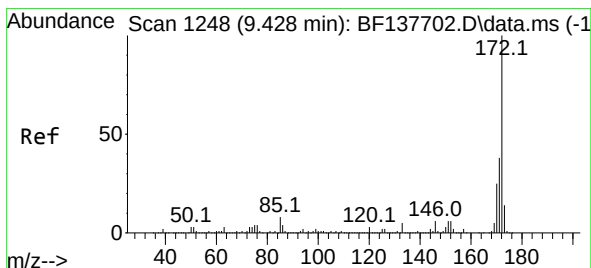
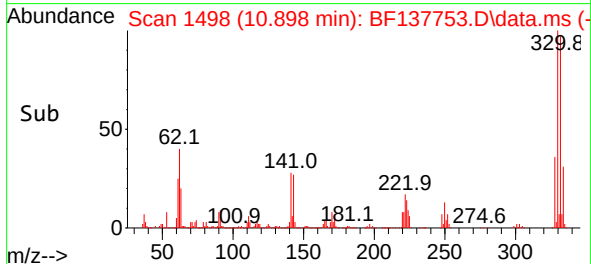
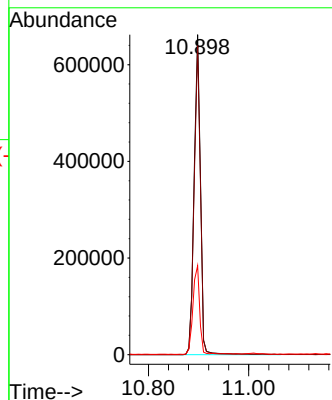


#42
2,4,6-Tribromophenol
Concen: 99.119 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

Instrument :
BNA_F
ClientSampleId :

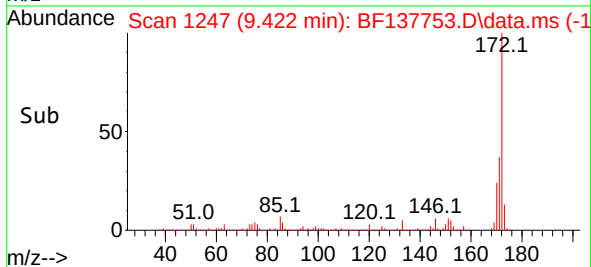
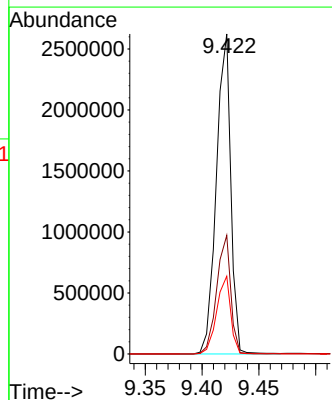
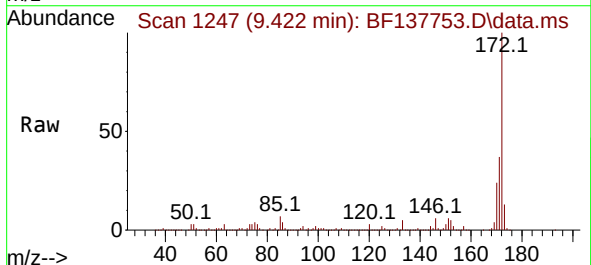


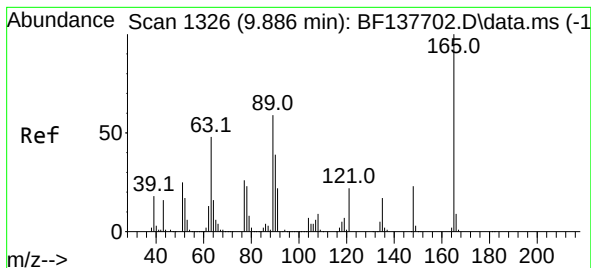
Tgt Ion:330 Resp: 580077
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 29.3 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 59.765 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

Tgt Ion:172 Resp: 2319743
Ion Ratio Lower Upper
172 100
171 37.0 30.2 45.4
170 24.3 20.2 30.4

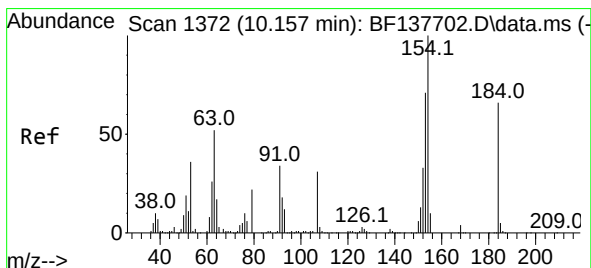
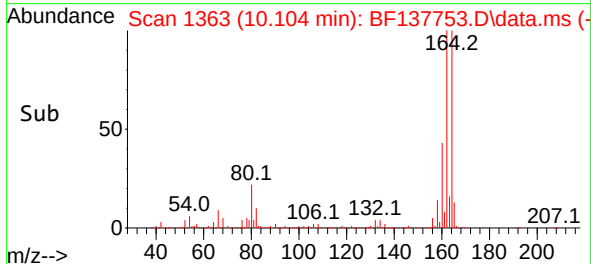
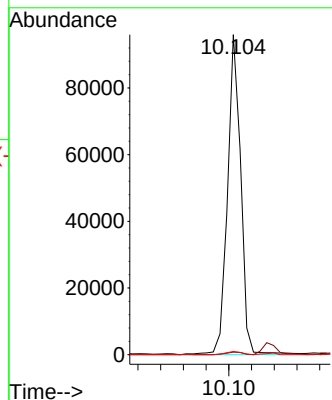
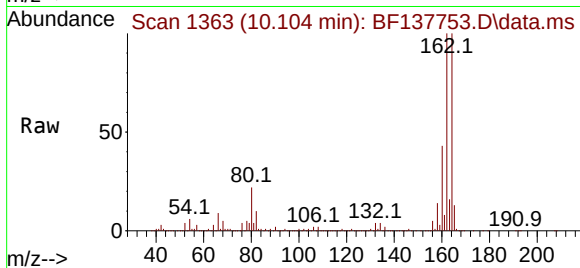




#51
2,6-Dinitrotoluene
Concen: 9.100 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.218 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

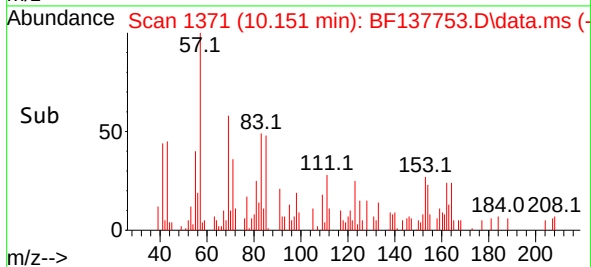
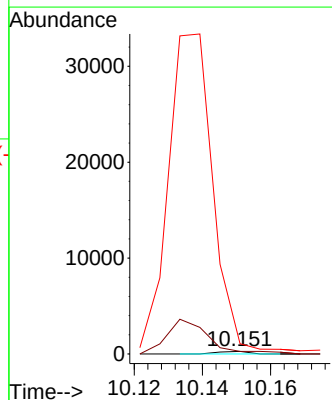
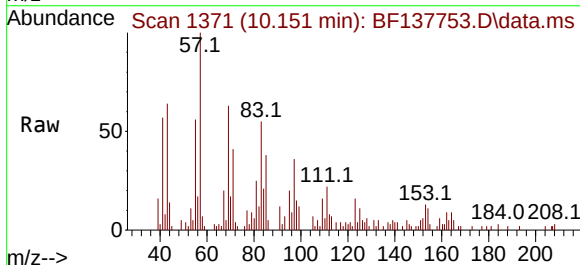
Instrument :
BNA_F
ClientSampleId :

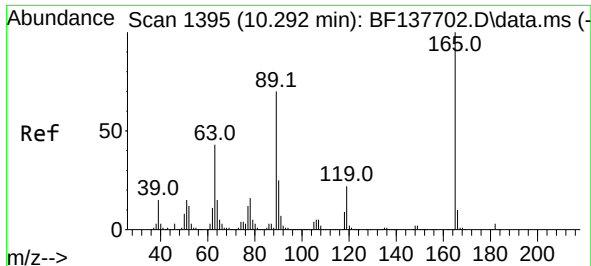
Tgt Ion:165 Resp: 77478
Ion Ratio Lower Upper
165 100
63 0.8 47.7 71.5#
89 1.0 47.3 70.9#



#54
2,4-Dinitrophenol
Concen: 5.625 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

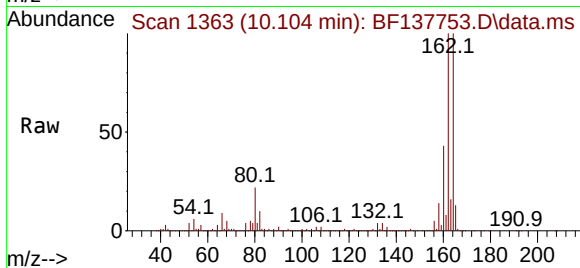
Tgt Ion:184 Resp: 171
Ion Ratio Lower Upper
184 100
63 97.8 63.5 95.3#
154 389.5 123.0 184.6#



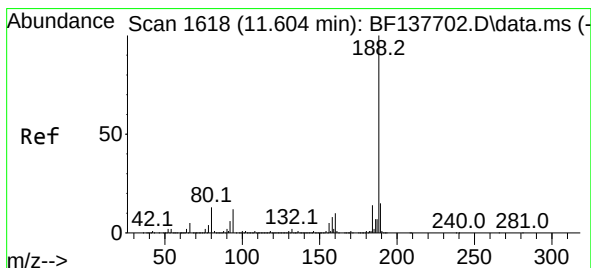
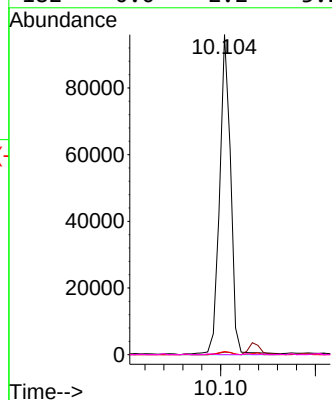
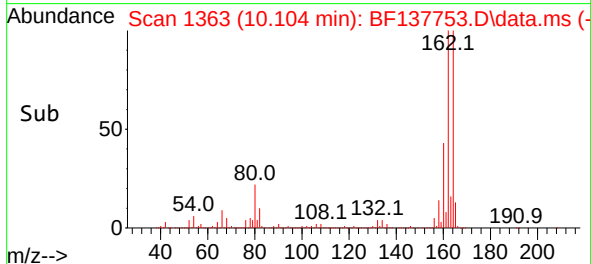


#57
2,4-Dinitrotoluene
Concen: 7.259 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

Instrument :
BNA_F
ClientSampleId :

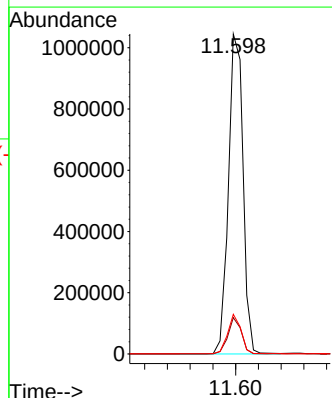
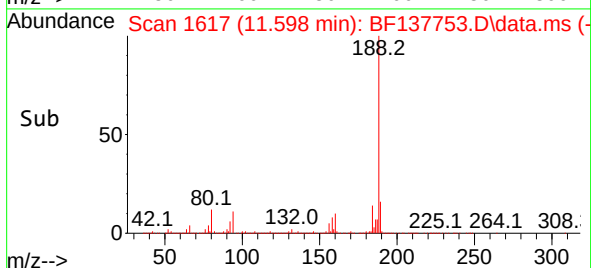
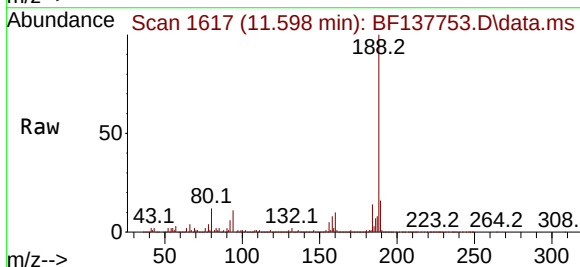


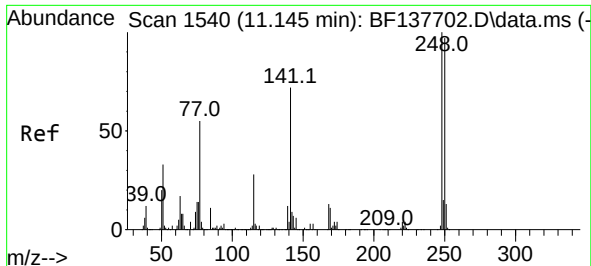
Tgt Ion:165 Resp: 77915
Ion Ratio Lower Upper
165 100
63 0.8 34.1 51.1#
89 1.0 56.4 84.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.598 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

Tgt Ion:188 Resp: 933474
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.4 10.2 15.4

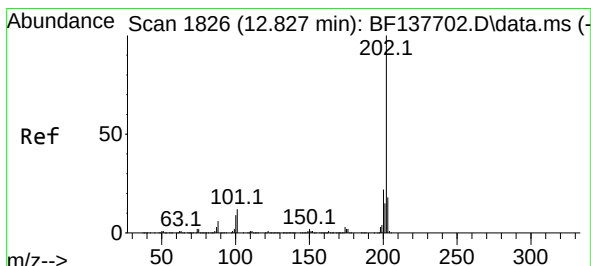
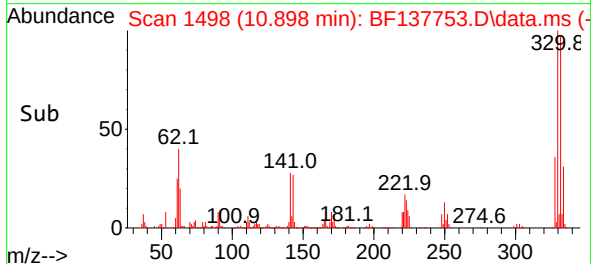
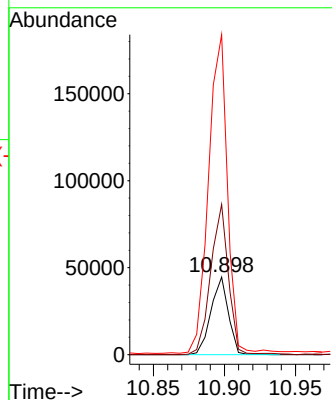
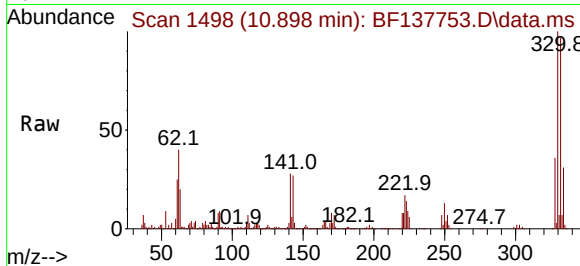




#67
4-Bromophenyl-phenylether
Concen: 3.525 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.247 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

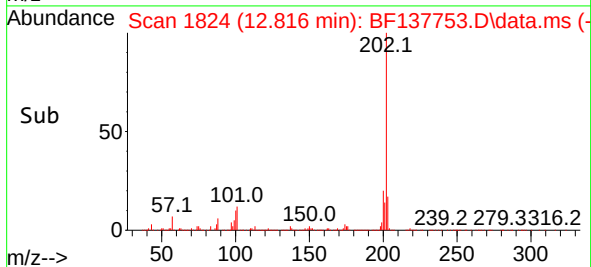
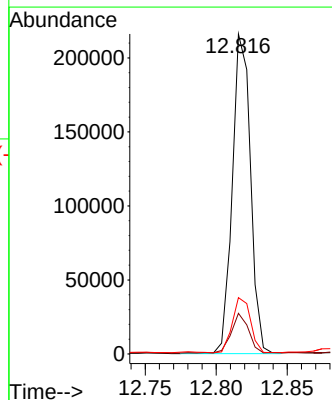
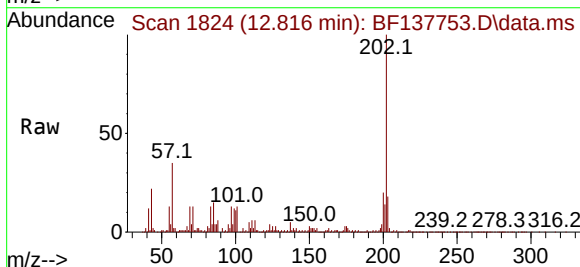
Instrument :
BNA_F
ClientSampleId :

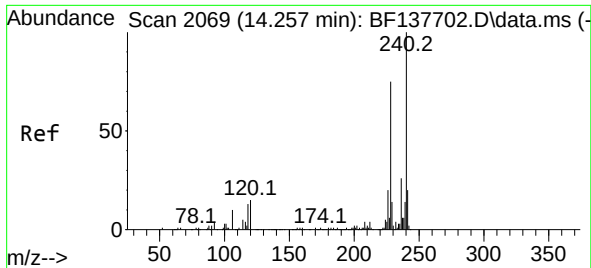
Tgt Ion:248 Resp: 38131
Ion Ratio Lower Upper
248 100
250 193.5 77.4 116.0#
141 412.1 57.9 86.9#



#75
Fluoranthene
Concen: 3.698 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

Tgt Ion:202 Resp: 192095
Ion Ratio Lower Upper
202 100
101 12.7 0.0 32.2
203 17.6 0.0 38.1

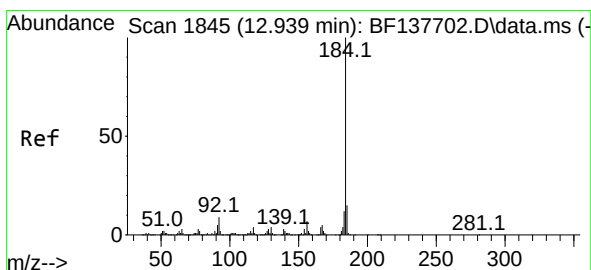
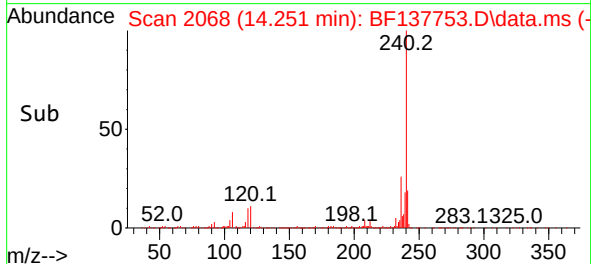
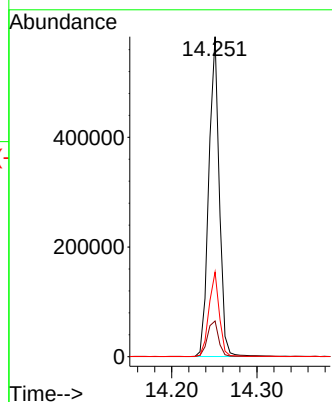
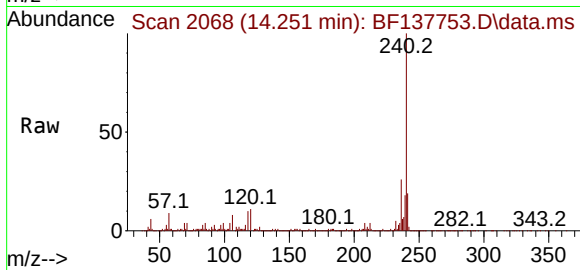




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

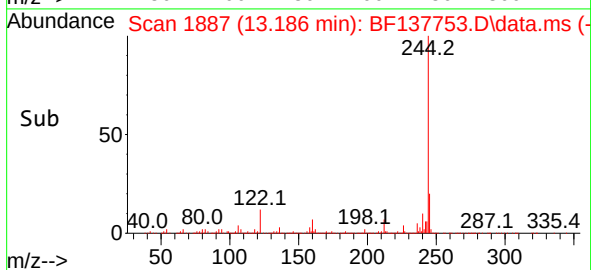
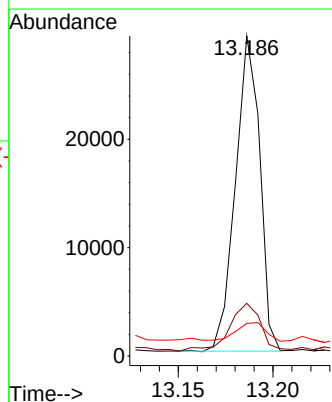
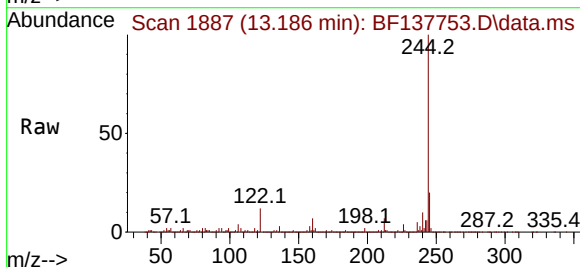
Instrument :
BNA_F
ClientSampleId :

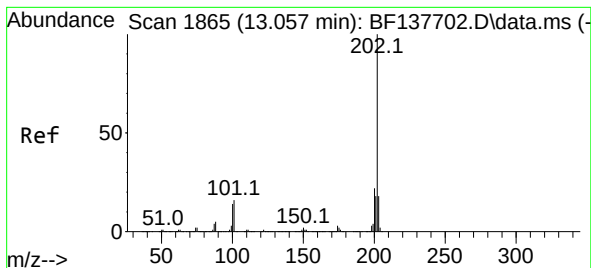
Tgt Ion:240 Resp: 498541
Ion Ratio Lower Upper
240 100
120 11.1 11.9 17.9#
236 26.5 20.8 31.2



#77
Benzidine
Concen: 2.238 ng
RT: 13.186 min Scan# 1887
Delta R.T. 0.247 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

Tgt Ion:184 Resp: 26055
Ion Ratio Lower Upper
184 100
185 16.5 12.2 18.4
183 10.1 9.4 14.0





#78

Pyrene

Concen: 3.443 ng

RT: 13.051 min Scan# 1864

Delta R.T. -0.006 min

Lab File: BF137753.D

Acq: 29 Apr 2024 16:58

Instrument :

BNA_F

ClientSampleId :

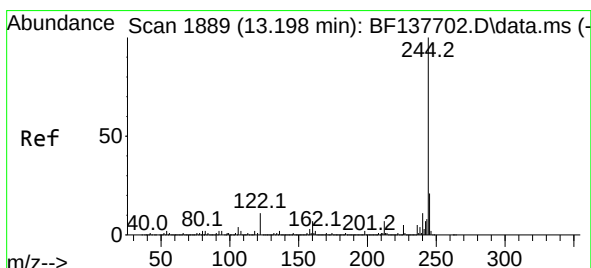
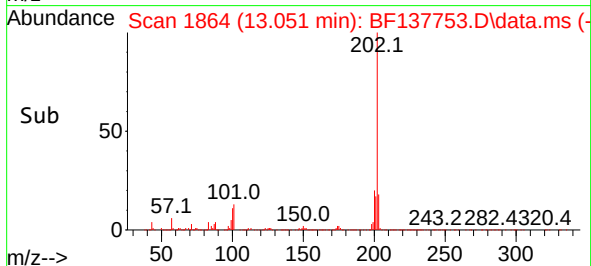
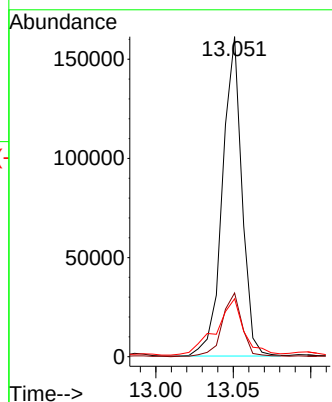
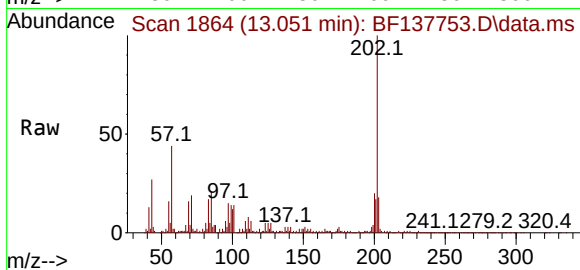
Tgt Ion:202 Resp: 140899

Ion Ratio Lower Upper

202 100

200 19.9 17.8 26.6

203 18.1 14.6 21.8



#79

Terphenyl-d14

Concen: 68.903 ng

RT: 13.186 min Scan# 1887

Delta R.T. -0.012 min

Lab File: BF137753.D

Acq: 29 Apr 2024 16:58

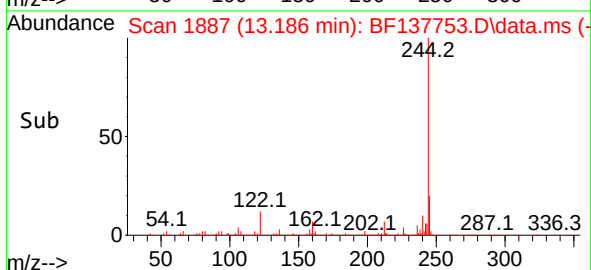
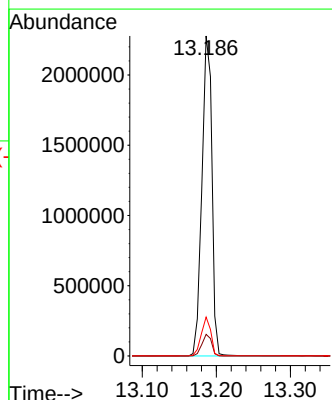
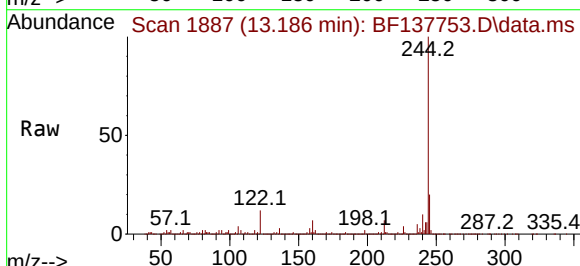
Tgt Ion:244 Resp: 2134173

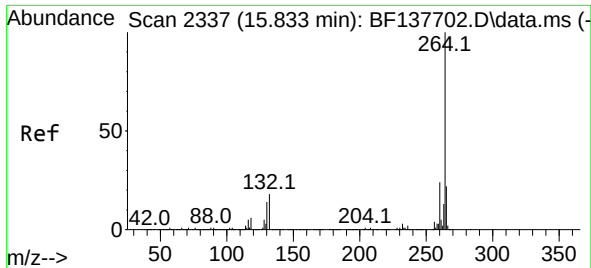
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

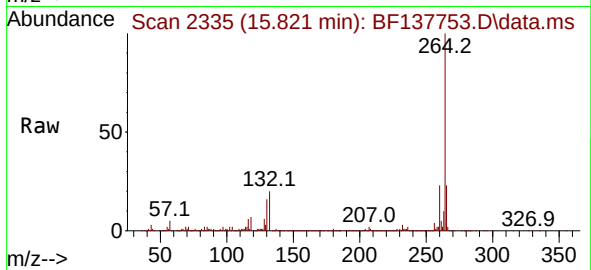
122 12.1 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.821 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF137753.D
 Acq: 29 Apr 2024 16:58

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 536181
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 22.6 17.5 26.3

