

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051324\
 Data File : BF137906.D
 Acq On : 13 May 2024 16:53
 Operator : CG\JU
 Sample : P2432-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-02-011

Quant Time: May 13 17:58:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

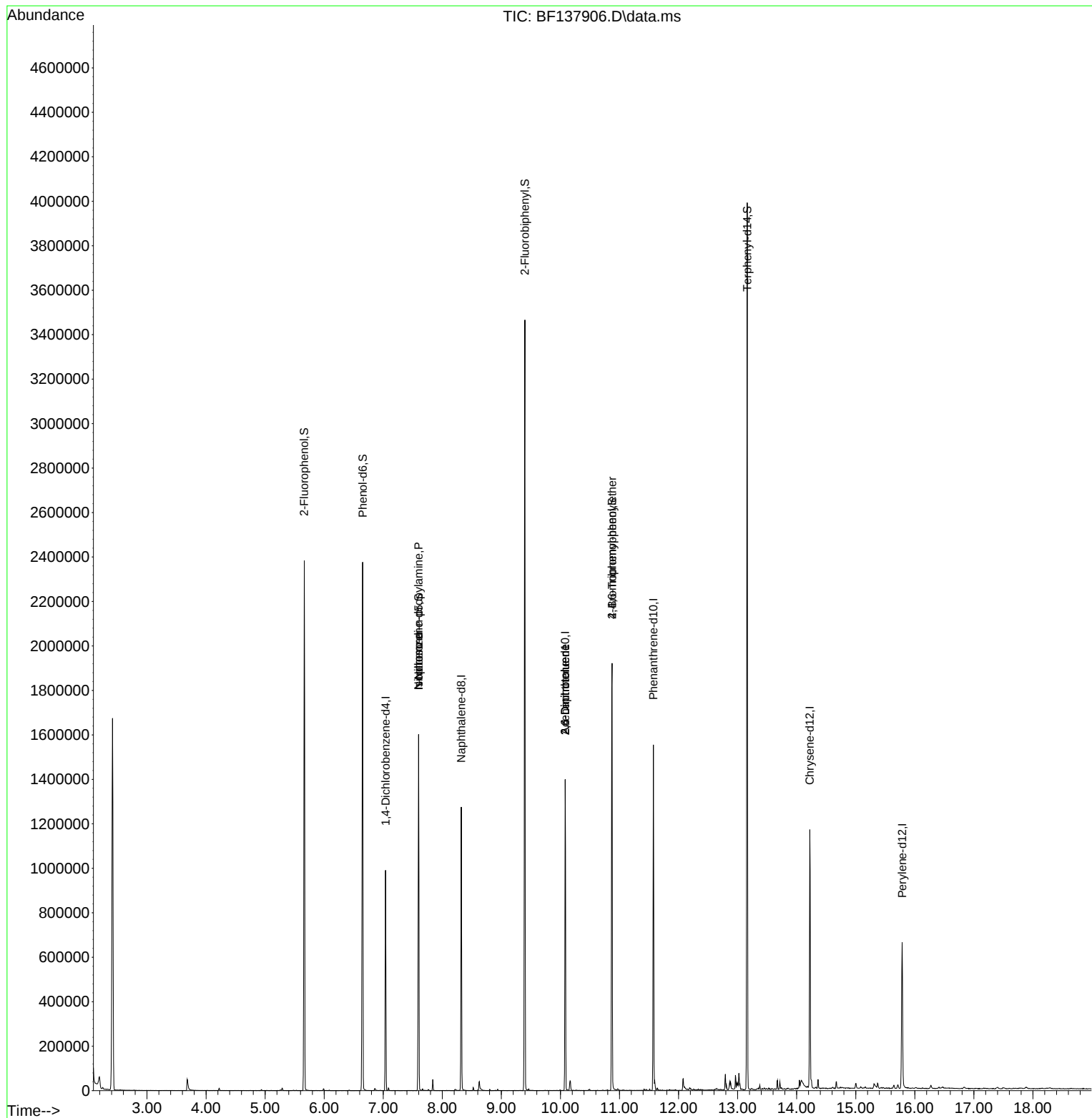
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	136763	20.000	ng	-0.02
21) Naphthalene-d8	8.322	136	509276	20.000	ng	-0.02
39) Acenaphthene-d10	10.080	164	289855	20.000	ng	-0.03
64) Phenanthrene-d10	11.574	188	521133	20.000	ng	-0.02
76) Chrysene-d12	14.221	240	383373	20.000	ng	-0.03
86) Perylene-d12	15.786	264	315130	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	687559	84.173	ng	-0.01
7) Phenol-d6	6.651	99	844925	81.550	ng	-0.02
23) Nitrobenzene-d5	7.598	82	494267	56.386	ng	-0.02
42) 2,4,6-Tribromophenol	10.874	330	253207	85.558	ng	-0.02
45) 2-Fluorobiphenyl	9.398	172	1054691	59.033	ng	-0.02
79) Terphenyl-d14	13.163	244	1300812	56.863	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.598	70	64190	10.367	ng	# 76
25) Isophorone	7.598	82	494262	31.273	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	37184	8.892	ng	# 26
57) 2,4-Dinitrotoluene	10.080	165	37184	6.806	ng	# 26
67) 4-Bromophenyl-phenylether	10.874	248	16238	2.911	ng	# 1

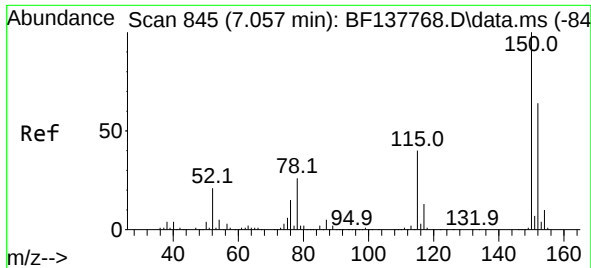
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

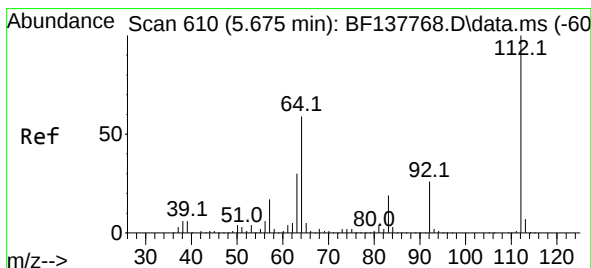
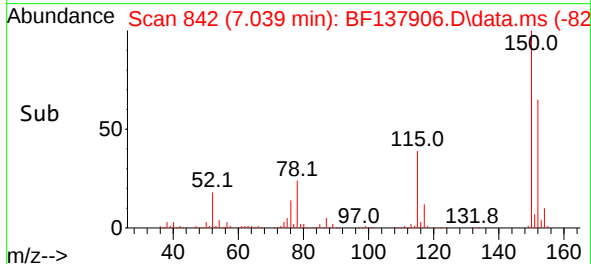
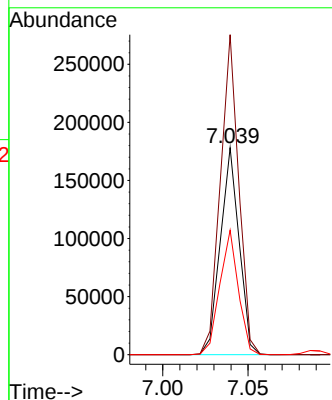
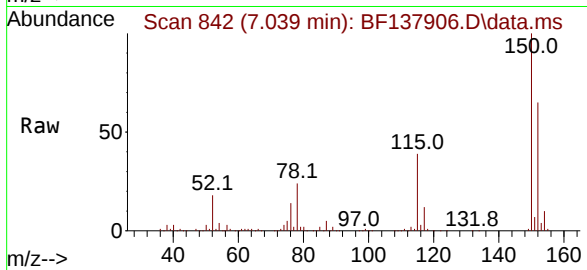




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.018 min
Lab File: BF137906.D
Acq: 13 May 2024 16:53

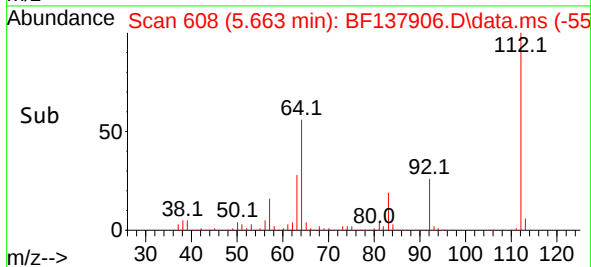
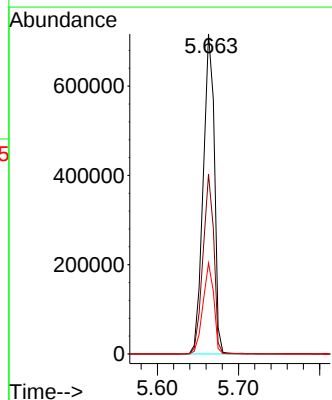
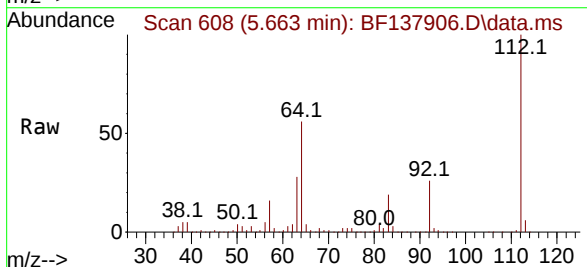
Instrument :
BNA_F
ClientSampleId :
SW-02-011

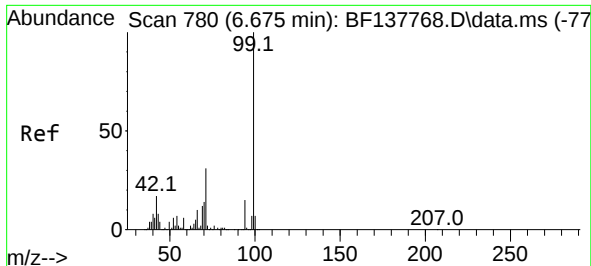
Tgt Ion:152 Resp: 136763
Ion Ratio Lower Upper
152 100
150 154.6 124.1 186.1
115 60.1 49.1 73.7



#5
2-Fluorophenol
Concen: 84.173 ng
RT: 5.663 min Scan# 608
Delta R.T. -0.012 min
Lab File: BF137906.D
Acq: 13 May 2024 16:53

Tgt Ion:112 Resp: 687559
Ion Ratio Lower Upper
112 100
64 56.2 47.3 70.9
63 28.4 23.7 35.5

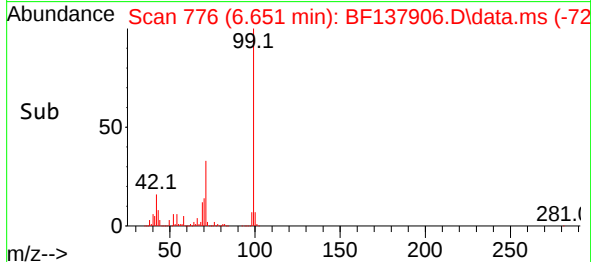
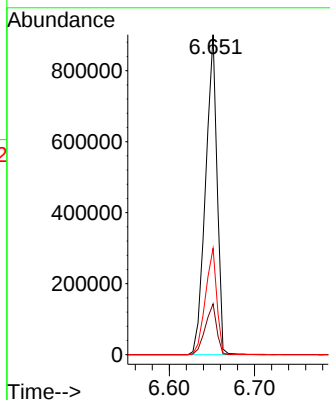
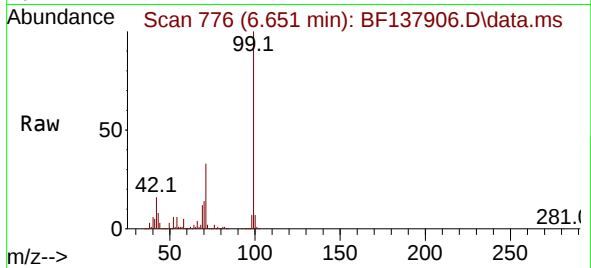




#7
Phenol-d6
Concen: 81.550 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF137906.D
Acq: 13 May 2024 16:53

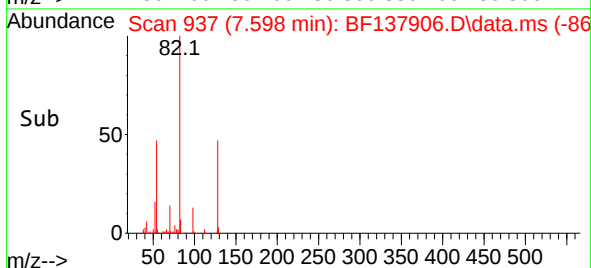
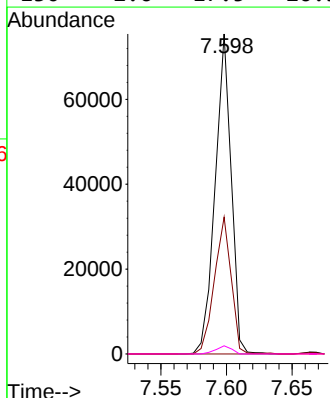
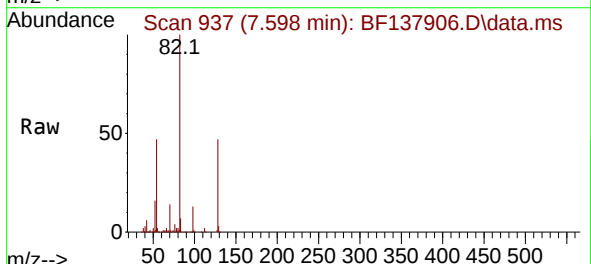
Instrument :
BNA_F
ClientSampleId :
SW-02-011

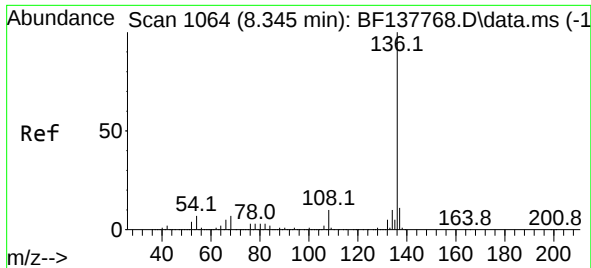
Tgt Ion: 99 Resp: 844925
Ion Ratio Lower Upper
99 100
42 15.9 13.2 19.8
71 33.3 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.367 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.135 min
Lab File: BF137906.D
Acq: 13 May 2024 16:53

Tgt Ion: 70 Resp: 64190
Ion Ratio Lower Upper
70 100
42 42.8 44.6 66.8#
101 0.0 7.8 11.6#
130 2.6 17.5 26.3#



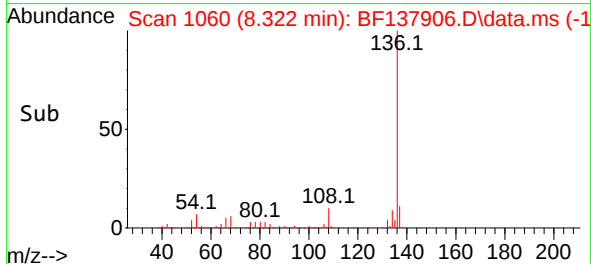
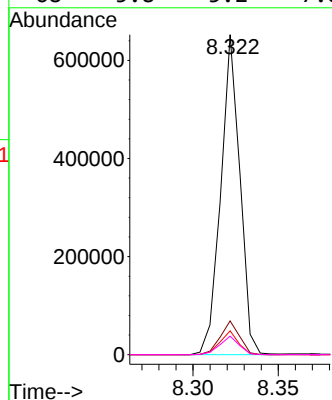
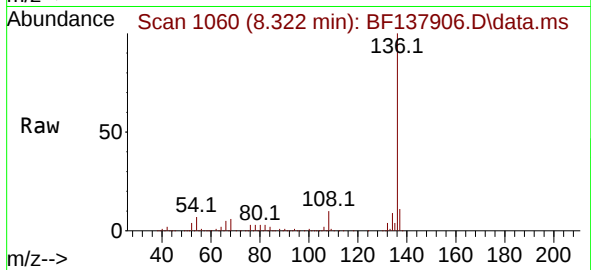


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.024 min
Lab File: BF137906.D
Acq: 13 May 2024 16:53

Instrument :
BNA_F
ClientSampleId :
SW-02-011

Tgt Ion:136 Resp: 509276

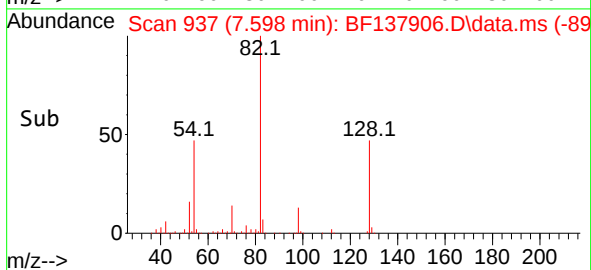
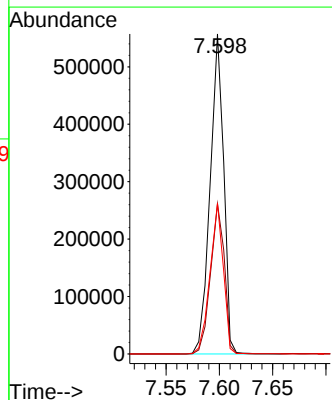
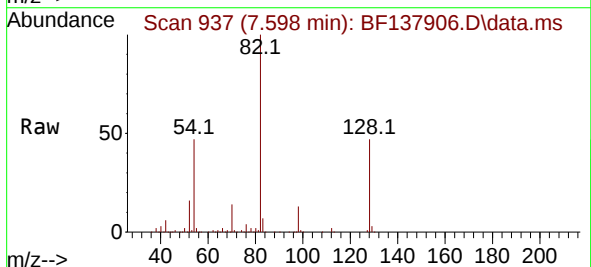
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.4	5.8	8.8
68	5.8	5.2	7.8

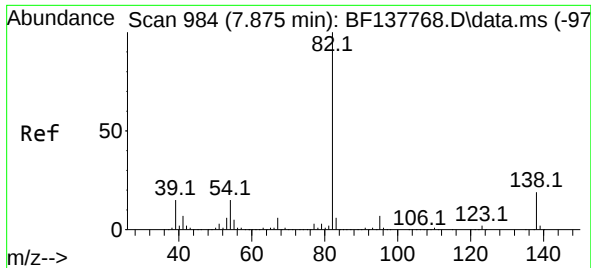


#23
Nitrobenzene-d5
Concen: 56.386 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.024 min
Lab File: BF137906.D
Acq: 13 May 2024 16:53

Tgt Ion: 82 Resp: 494267

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.5	56.3
54	47.1	39.8	59.6

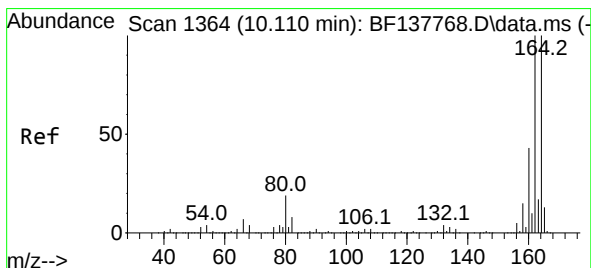
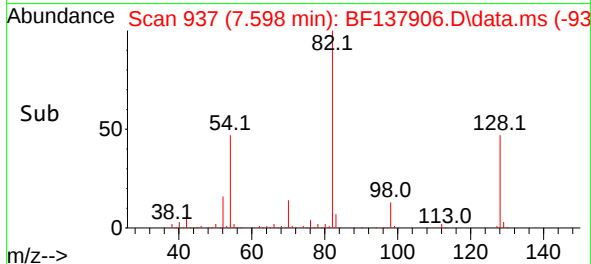
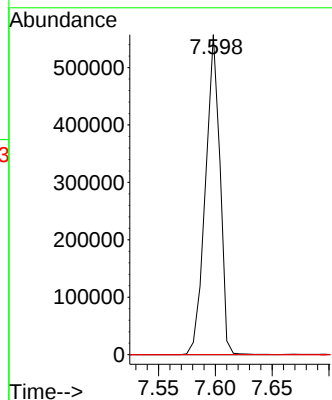
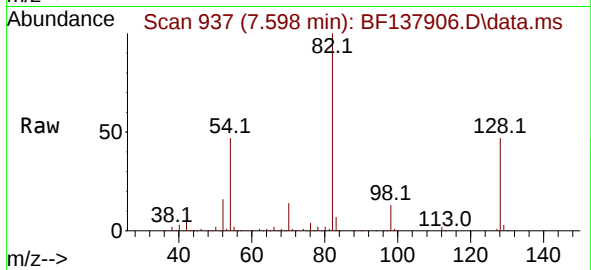




#25
Isophorone
Concen: 31.273 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.277 min
Lab File: BF137906.D
Acq: 13 May 2024 16:53

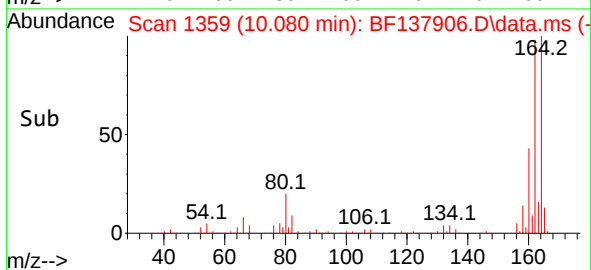
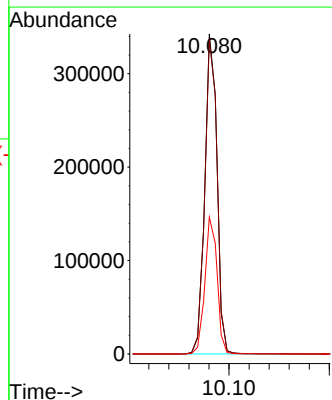
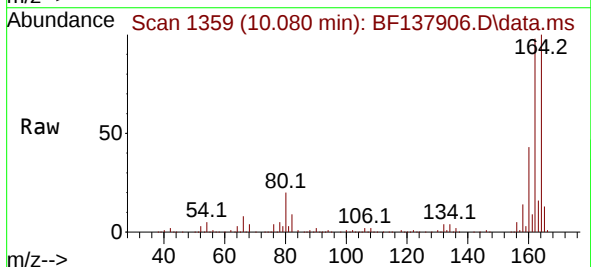
Instrument :
BNA_F
ClientSampleId :
SW-02-011

Tgt Ion: 82 Resp: 494262
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.030 min
Lab File: BF137906.D
Acq: 13 May 2024 16:53

Tgt Ion:164 Resp: 289855
Ion Ratio Lower Upper
164 100
162 98.3 79.8 119.6
160 42.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 85.558 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.024 min

Lab File: BF137906.D

Acq: 13 May 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SW-02-011

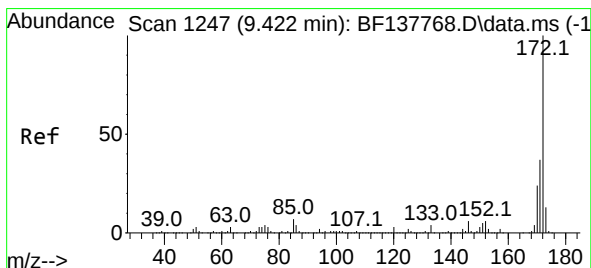
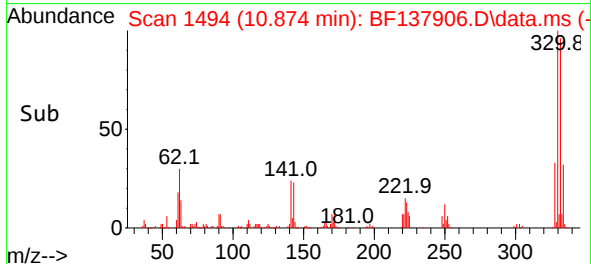
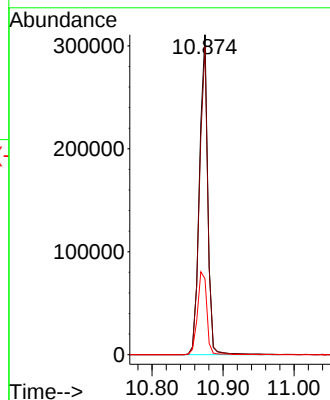
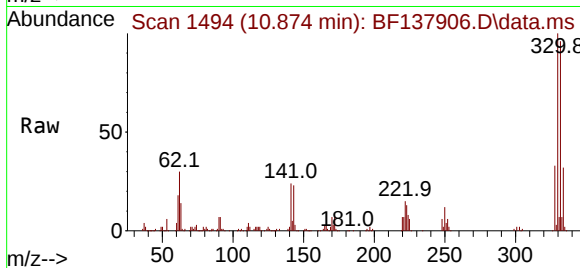
Tgt Ion:330 Resp: 253207

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 29.1 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 59.033 ng

RT: 9.398 min Scan# 1243

Delta R.T. -0.024 min

Lab File: BF137906.D

Acq: 13 May 2024 16:53

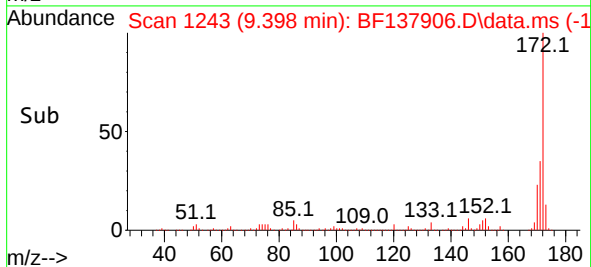
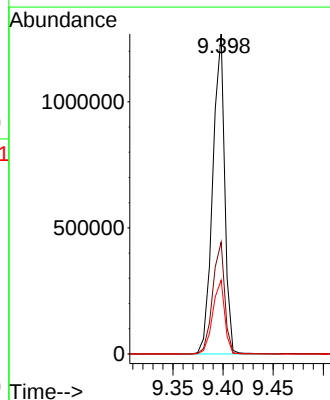
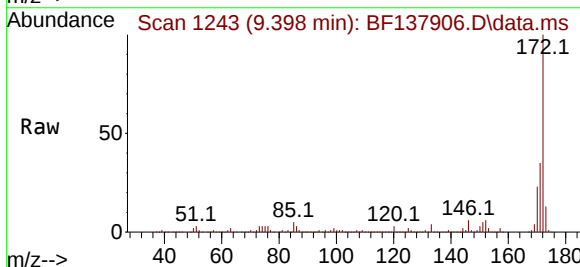
Tgt Ion:172 Resp: 1054691

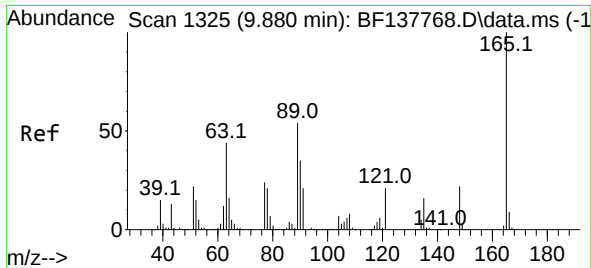
Ion Ratio Lower Upper

172 100

171 34.9 29.6 44.4

170 23.1 19.4 29.2

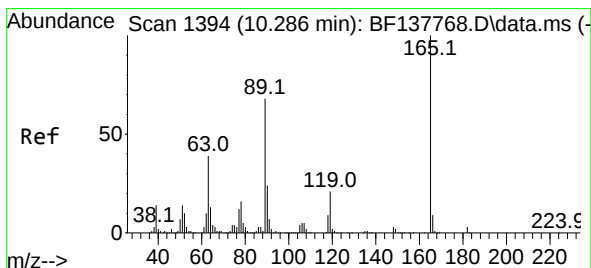
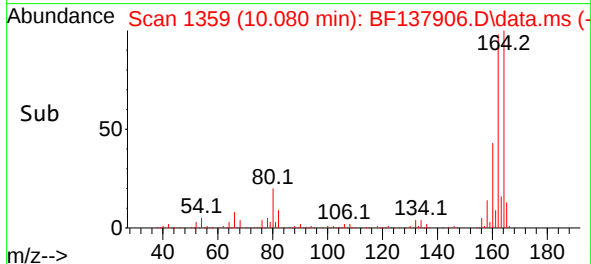
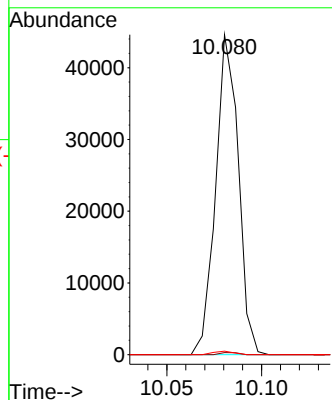
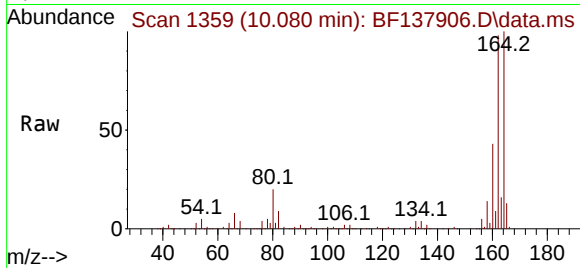




#51
2,6-Dinitrotoluene
Concen: 8.892 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.200 min
Lab File: BF137906.D
Acq: 13 May 2024 16:53

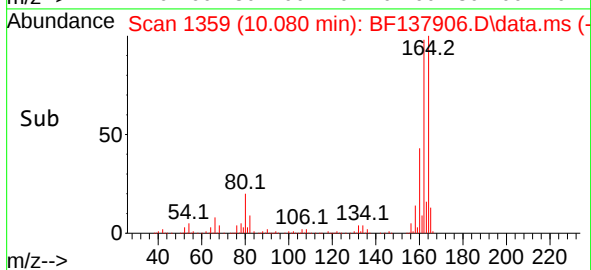
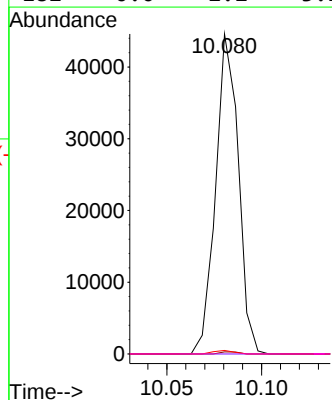
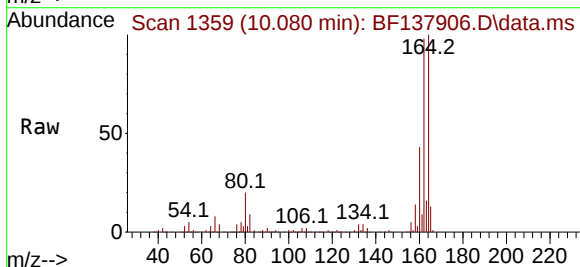
Instrument :
BNA_F
ClientSampleId :
SW-02-011

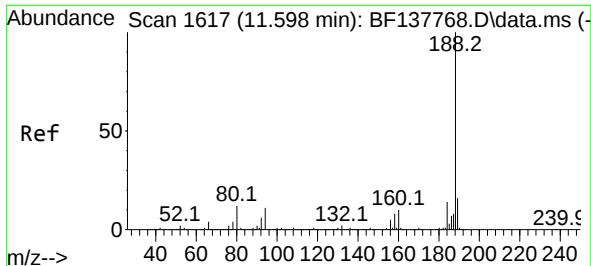
Tgt Ion:165 Resp: 37184
Ion Ratio Lower Upper
165 100
63 0.7 41.9 62.9#
89 1.1 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.806 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.206 min
Lab File: BF137906.D
Acq: 13 May 2024 16:53

Tgt Ion:165 Resp: 37184
Ion Ratio Lower Upper
165 100
63 0.7 31.3 46.9#
89 1.1 54.2 81.4#
182 0.0 2.2 3.2#

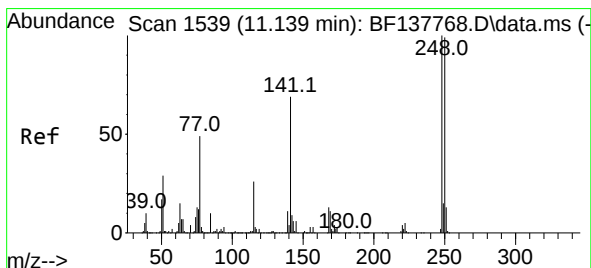
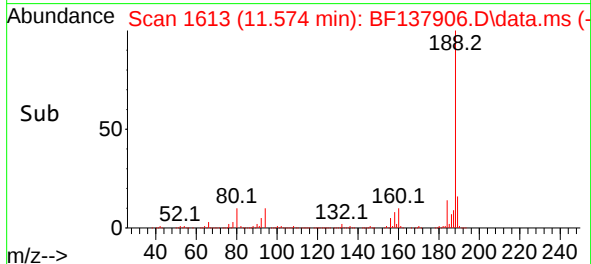
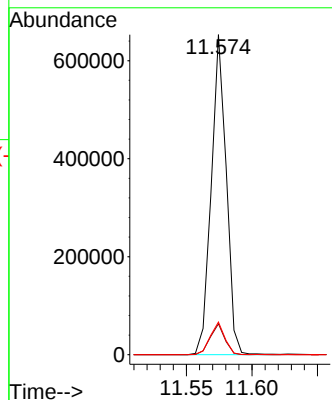
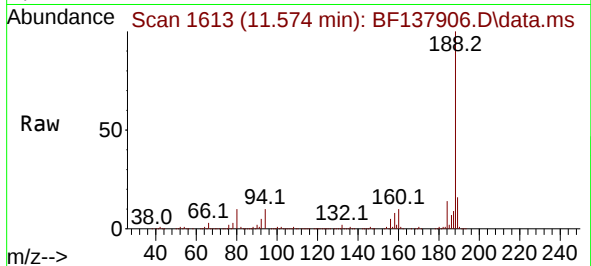




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF137906.D
Acq: 13 May 2024 16:53

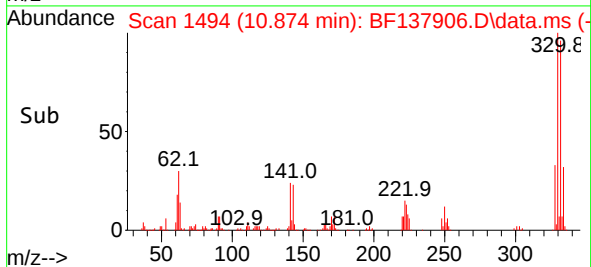
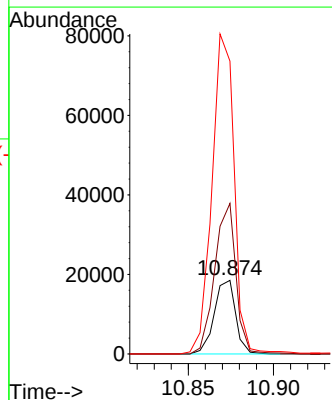
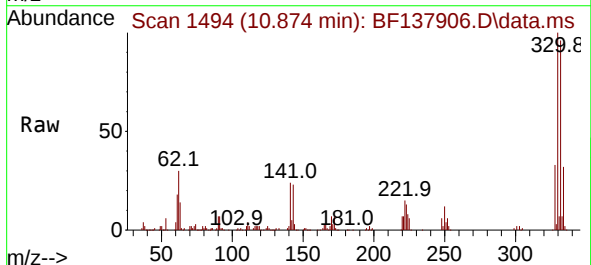
Instrument :
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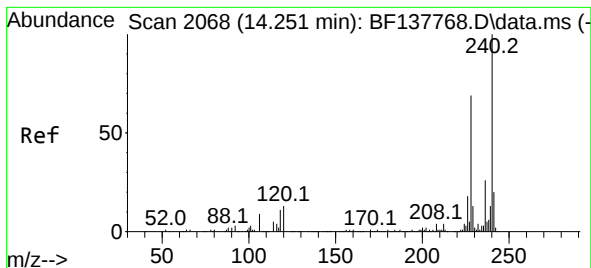
Tgt Ion:188 Resp: 521133
Ion Ratio Lower Upper
188 100
94 9.7 8.8 13.2
80 10.2 9.6 14.4



#67
4-Bromophenyl-phenylether
Concen: 2.911 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.265 min
Lab File: BF137906.D
Acq: 13 May 2024 16:53

Tgt Ion:248 Resp: 16238
Ion Ratio Lower Upper
248 100
250 204.6 79.1 118.7#
141 397.5 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.221 min Scan# 2068

Delta R.T. -0.030 min

Lab File: BF137906.D

Acq: 13 May 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SW-02-011

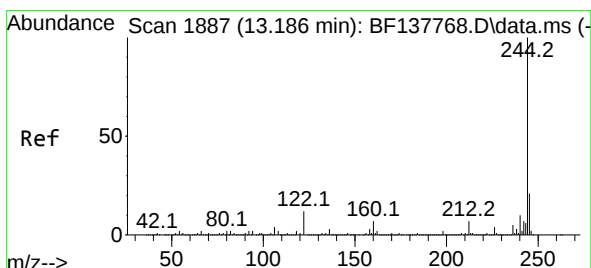
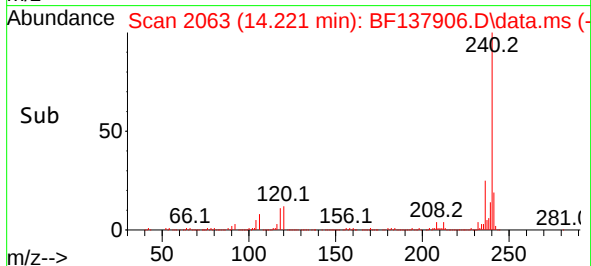
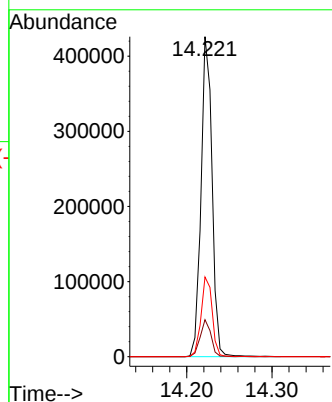
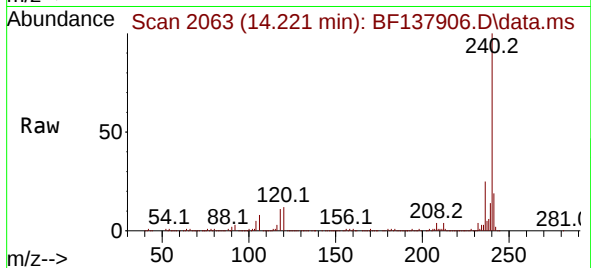
Tgt Ion:240 Resp: 383373

Ion Ratio Lower Upper

240 100

120 11.6 10.4 15.6

236 24.9 20.4 30.6



#79

Terphenyl-d14

Concen: 56.863 ng

RT: 13.163 min Scan# 1883

Delta R.T. -0.024 min

Lab File: BF137906.D

Acq: 13 May 2024 16:53

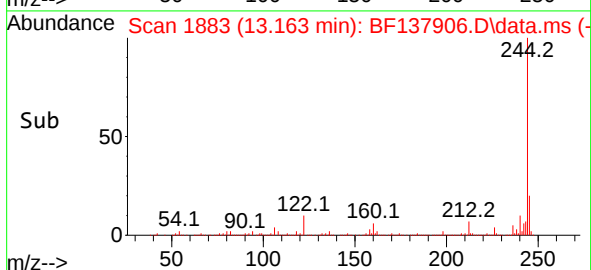
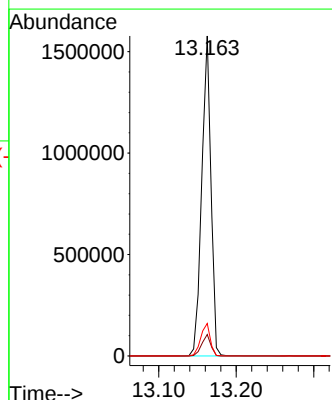
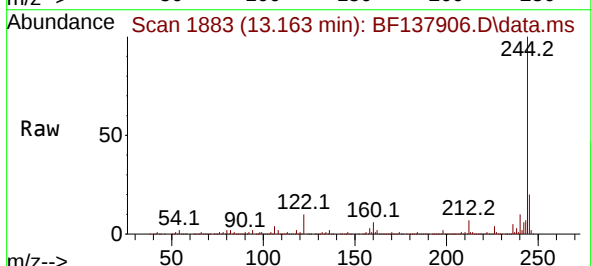
Tgt Ion:244 Resp: 1300812

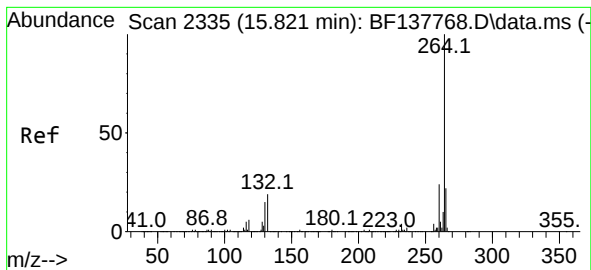
Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 10.2 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.786 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF137906.D

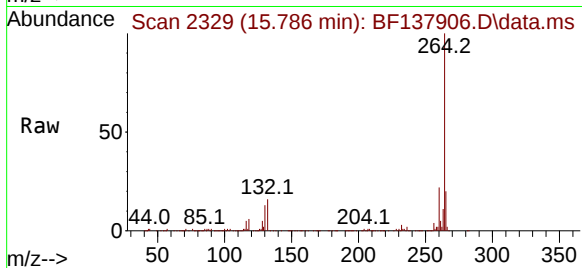
Acq: 13 May 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SW-02-011



Tgt Ion:264 Resp: 315130

Ion Ratio Lower Upper

264 100

260 22.3 18.9 28.3

265 20.1 17.4 26.0

