

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133769.D
 Acq On : 15 Jun 2023 11:54
 Operator : CG\JU
 Sample : 03152-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RE137-CARBON-20230609

Quant Time: Jun 15 12:47:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 16:27:59 2023
 Response via : Initial Calibration

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

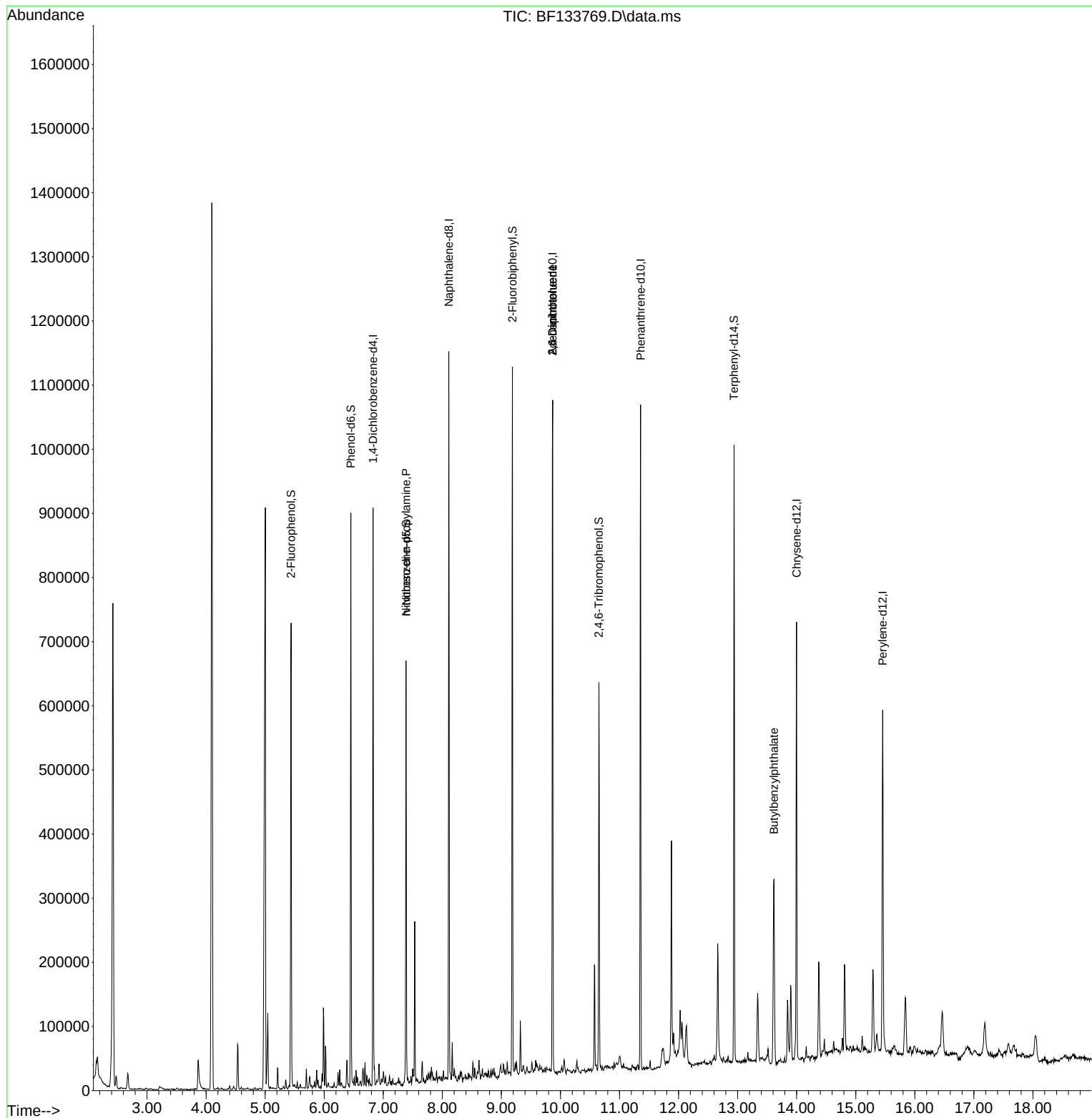
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	112310	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	419248	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	205519	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	352012	20.000	ng	0.00
76) Chrysene-d12	13.998	240	213660	20.000	ng	-0.01
86) Perylene-d12	15.457	264	246430	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	187259	29.027	ng	0.00
7) Phenol-d6	6.451	99	229816	27.368	ng	-0.02
23) Nitrobenzene-d5	7.386	82	168124	21.842	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	64801	24.909	ng	-0.02
45) 2-Fluorobiphenyl	9.186	172	294745	20.387	ng	0.00
79) Terphenyl-d14	12.939	244	302456	21.904	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.386	70	23811	4.457	ng	# 78
51) 2,6-Dinitrotoluene	9.869	165	27479	8.678	ng	# 29
57) 2,4-Dinitrotoluene	9.869	165	27479	6.824	ng	# 20
80) Butylbenzylphthalate	13.615	149	43664	5.197	ng	# 27

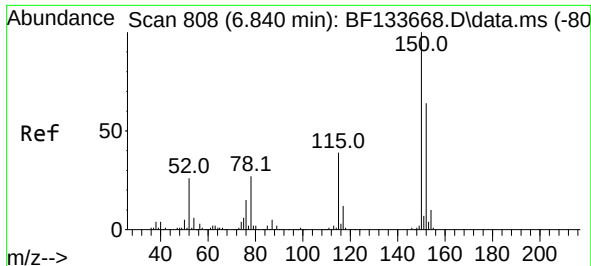
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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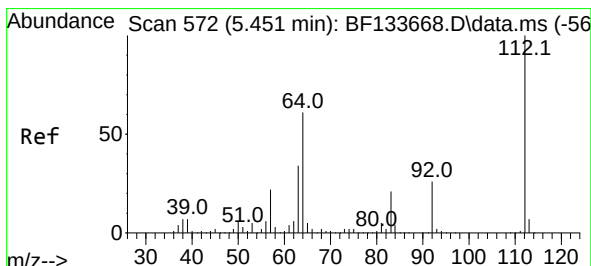
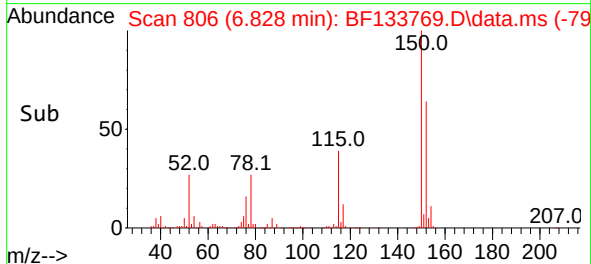
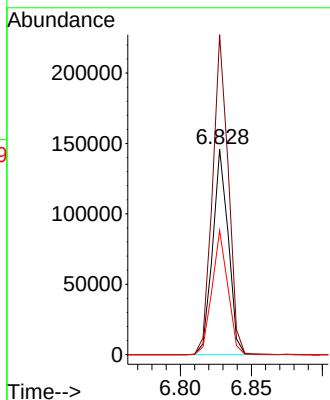
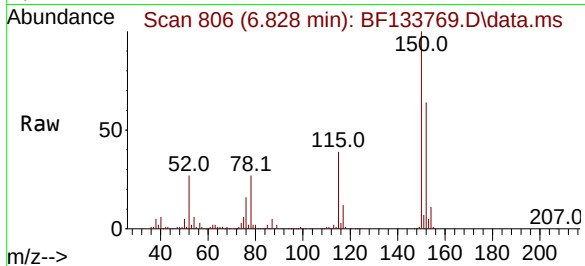




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133769.D
Acq: 15 Jun 2023 11:54

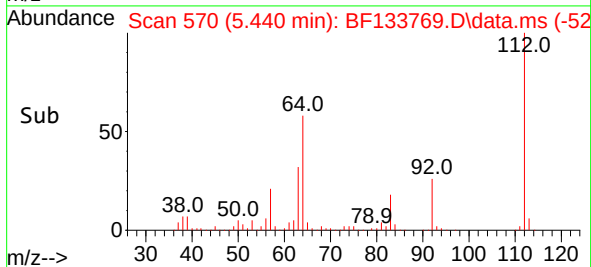
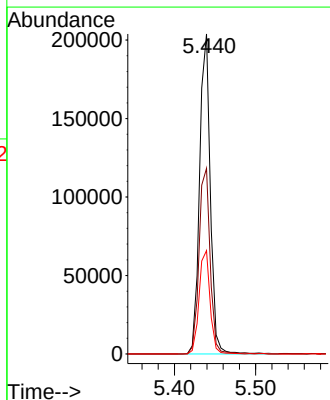
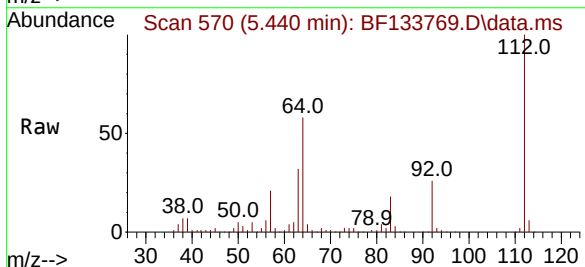
Instrument :
BNA_F
ClientSampleId :
RE137-CARBON-20230609

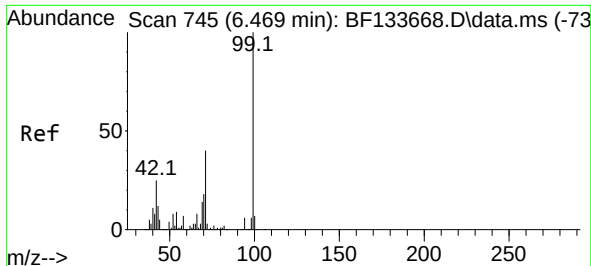
Tgt Ion:152 Resp: 112310
Ion Ratio Lower Upper
152 100
150 155.7 124.3 186.5
115 60.4 48.5 72.7



#5
2-Fluorophenol
Concen: 29.027 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.006 min
Lab File: BF133769.D
Acq: 15 Jun 2023 11:54

Tgt Ion:112 Resp: 187259
Ion Ratio Lower Upper
112 100
64 58.0 49.0 73.4
63 32.3 26.8 40.2

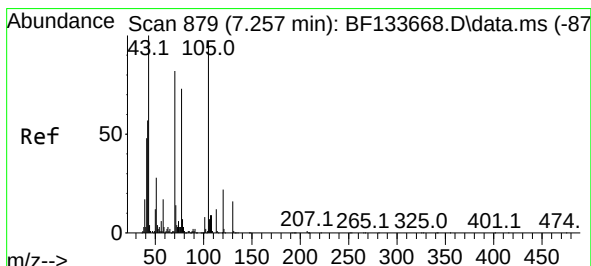
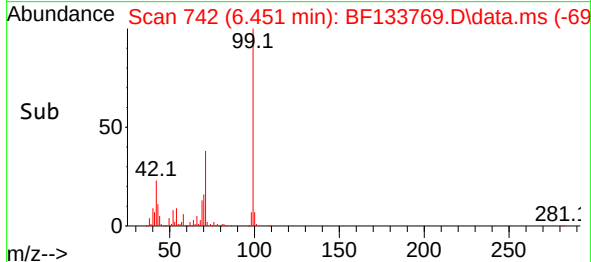
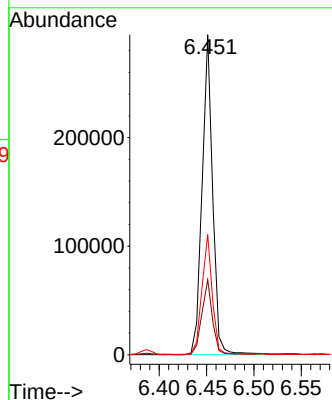
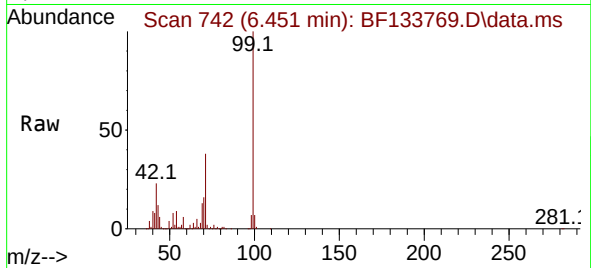




#7
Phenol-d6
Concen: 27.368 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF133769.D
Acq: 15 Jun 2023 11:54

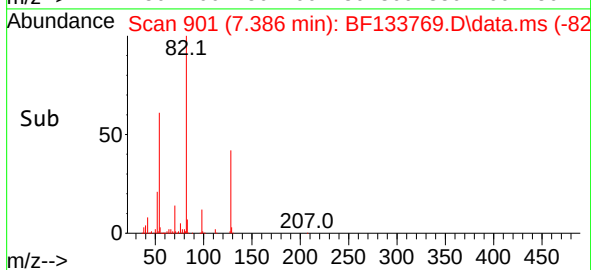
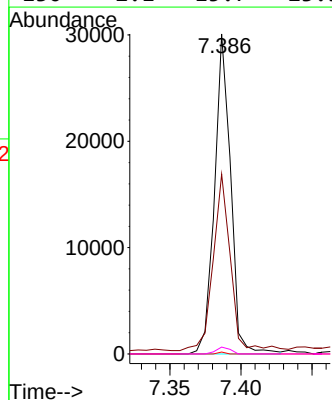
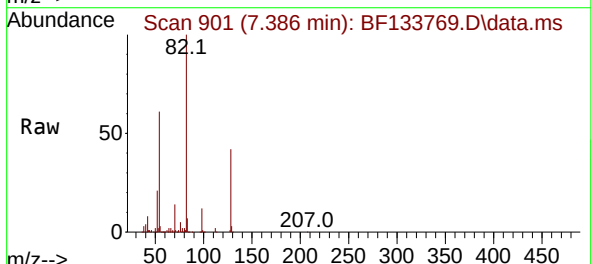
Instrument :
BNA_F
ClientSampleId :
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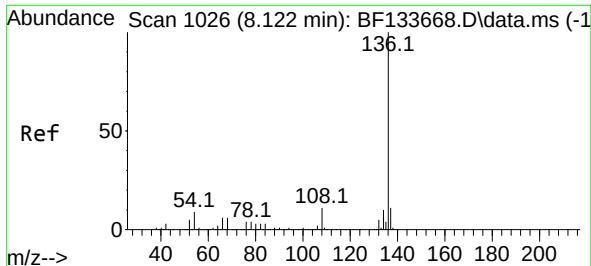
Tgt Ion: 99 Resp: 229816
Ion Ratio Lower Upper
99 100
42 23.4 19.9 29.9
71 37.6 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.457 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.135 min
Lab File: BF133769.D
Acq: 15 Jun 2023 11:54

Tgt Ion: 70 Resp: 23811
Ion Ratio Lower Upper
70 100
42 56.2 55.8 83.8
101 0.6 8.1 12.1#
130 2.1 15.7 23.5#

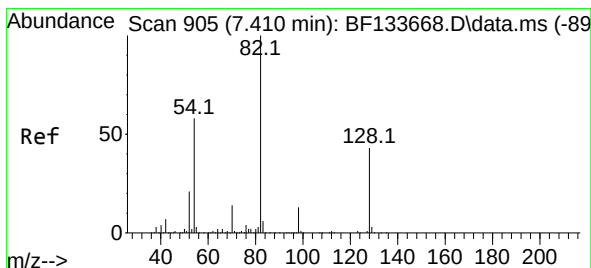
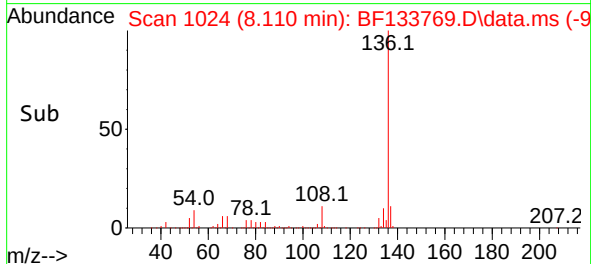
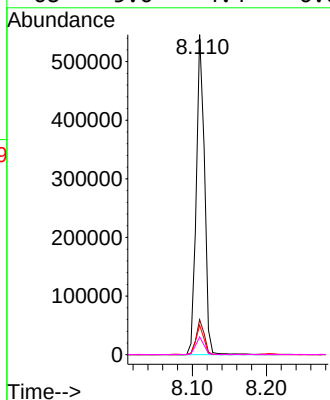
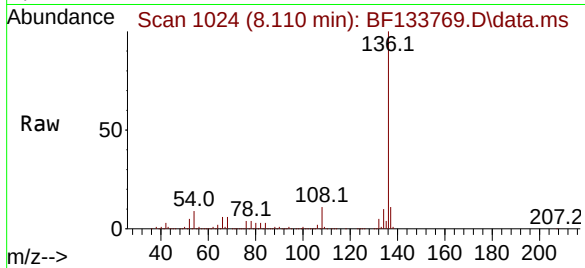




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133769.D
Acq: 15 Jun 2023 11:54

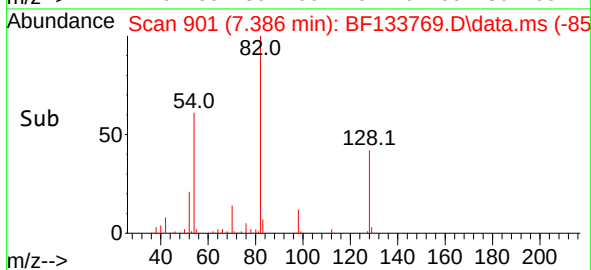
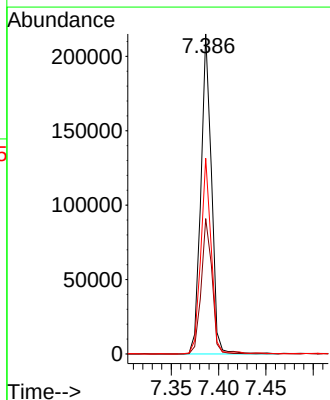
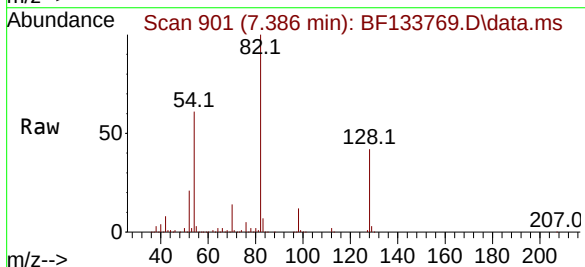
Instrument :
BNA_F
ClientSampleId :
RE137-CARBON-20230609

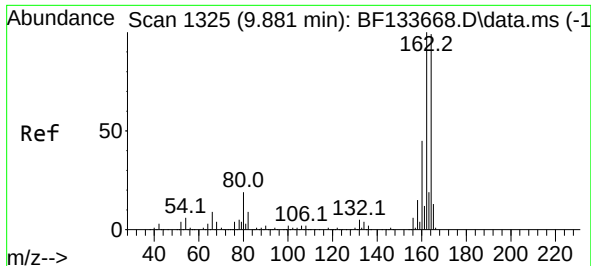
Tgt Ion:136	Resp:	419248
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	9.2	7.4 11.0
68	5.6	4.4 6.6



#23
Nitrobenzene-d5
Concen: 21.842 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.018 min
Lab File: BF133769.D
Acq: 15 Jun 2023 11:54

Tgt Ion: 82	Resp:	168124
Ion	Ratio	Lower Upper
82	100	
128	42.3	34.2 51.2
54	61.1	46.5 69.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133769.D

Acq: 15 Jun 2023 11:54

Instrument :

BNA_F

ClientSampleId :

RE137-CARBON-20230609

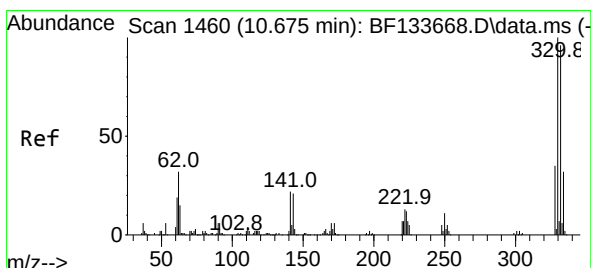
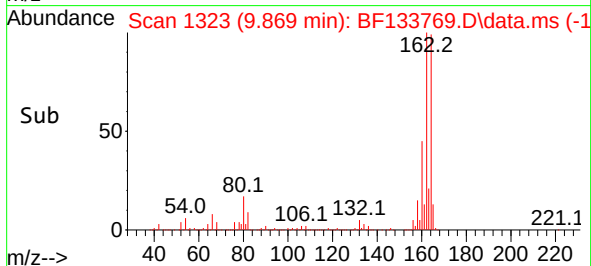
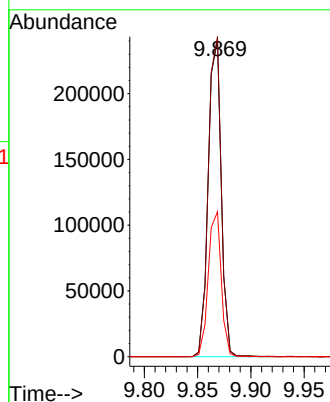
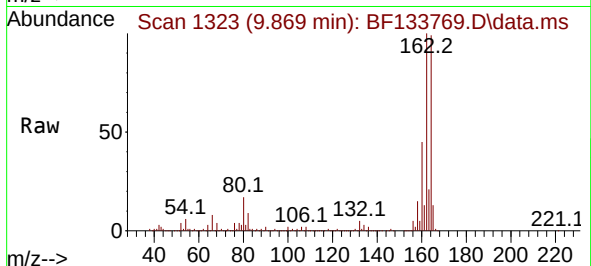
Tgt Ion:164 Resp: 205519

Ion Ratio Lower Upper

164 100

162 101.1 80.8 121.2

160 45.8 36.7 55.1



#42

2,4,6-Tribromophenol

Concen: 24.909 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.018 min

Lab File: BF133769.D

Acq: 15 Jun 2023 11:54

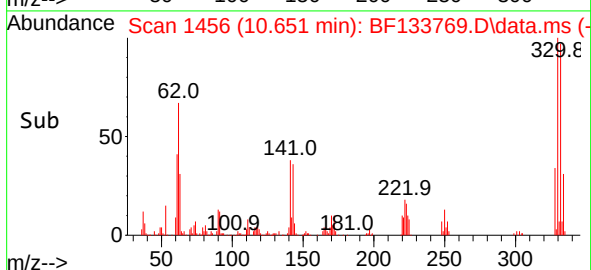
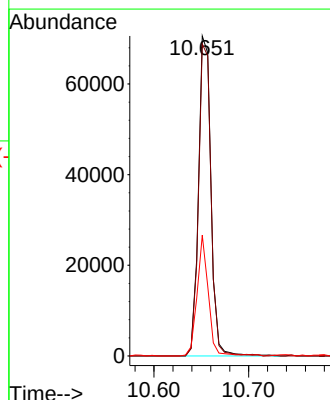
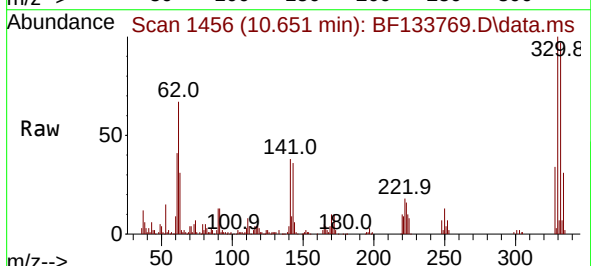
Tgt Ion:330 Resp: 64801

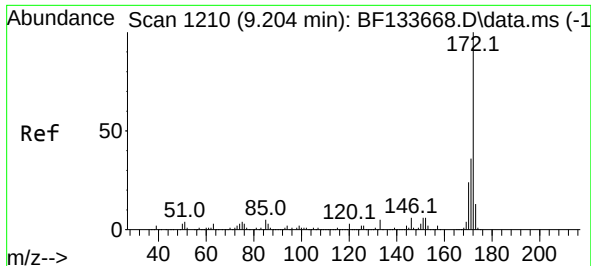
Ion Ratio Lower Upper

330 100

332 97.5 77.2 115.8

141 33.7 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 20.387 ng

RT: 9.186 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133769.D

Acq: 15 Jun 2023 11:54

Instrument :

BNA_F

ClientSampleId :

RE137-CARBON-20230609

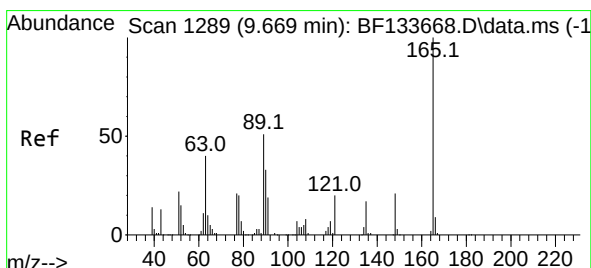
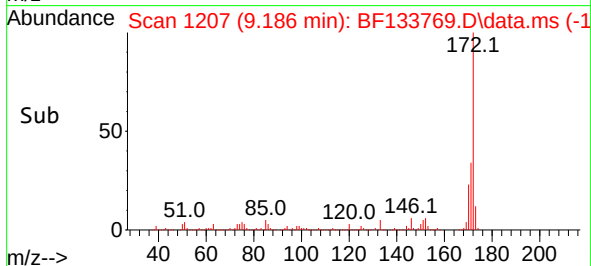
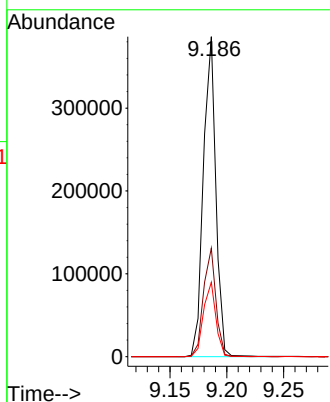
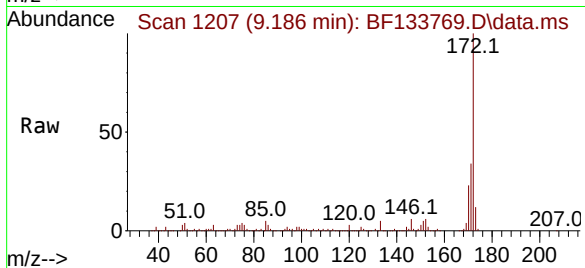
Tgt Ion:172 Resp: 294745

Ion Ratio Lower Upper

172 100

171 33.9 28.6 43.0

170 23.3 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 8.678 ng

RT: 9.869 min Scan# 1323

Delta R.T. 0.206 min

Lab File: BF133769.D

Acq: 15 Jun 2023 11:54

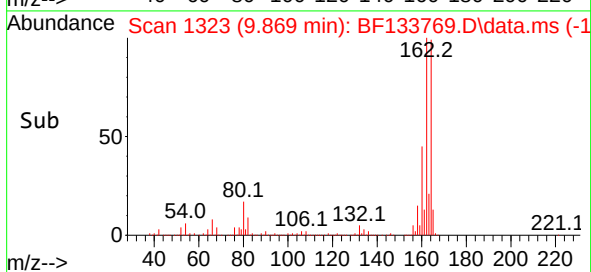
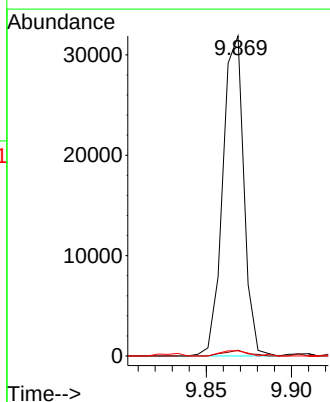
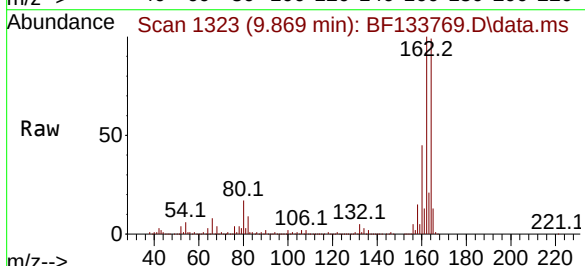
Tgt Ion:165 Resp: 27479

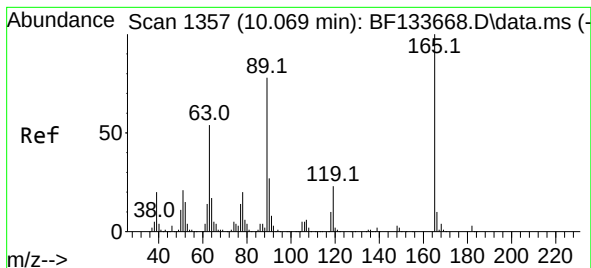
Ion Ratio Lower Upper

165 100

63 1.8 42.1 63.1#

89 1.6 40.9 61.3#

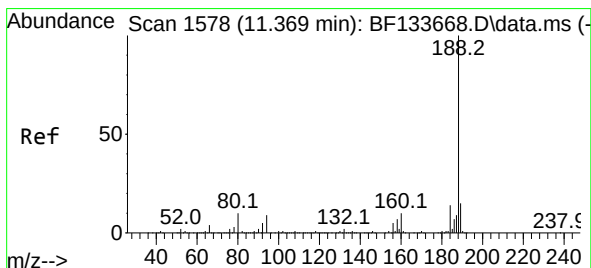
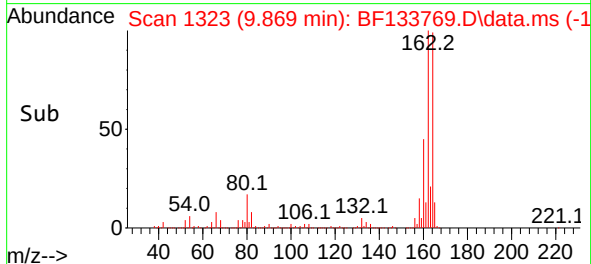
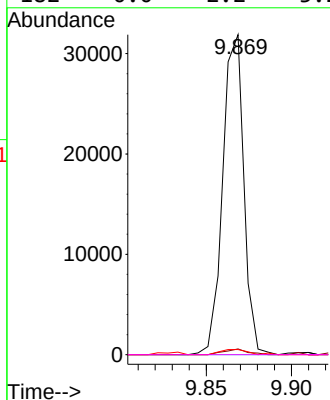
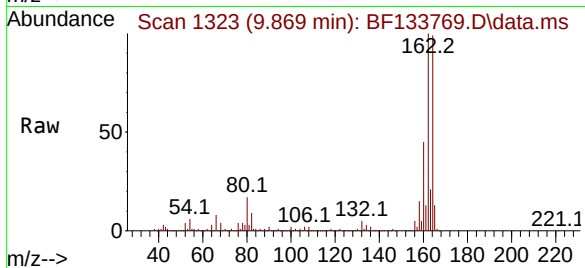




#57
2,4-Dinitrotoluene
Concen: 6.824 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133769.D
Acq: 15 Jun 2023 11:54

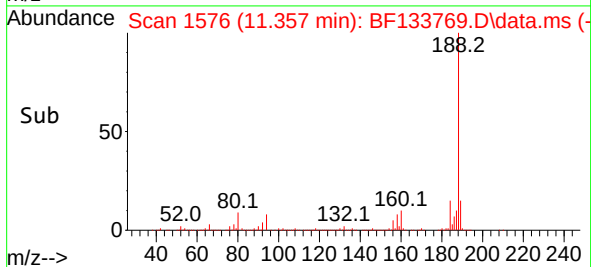
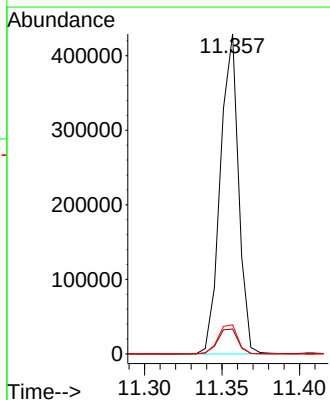
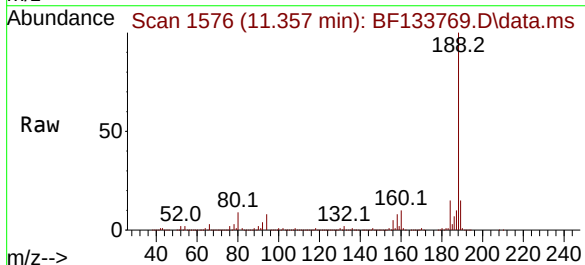
Instrument :
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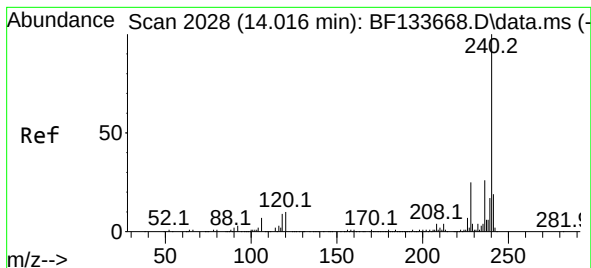
Tgt Ion:165 Resp: 27479
Ion Ratio Lower Upper
165 100
63 1.8 43.0 64.6#
89 1.6 62.6 93.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF133769.D
Acq: 15 Jun 2023 11:54

Tgt Ion:188 Resp: 352012
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 9.1 7.8 11.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF133769.D

Acq: 15 Jun 2023 11:54

Instrument :

BNA_F

ClientSampleId :

RE137-CARBON-20230609

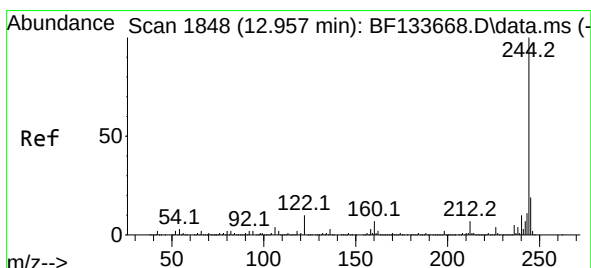
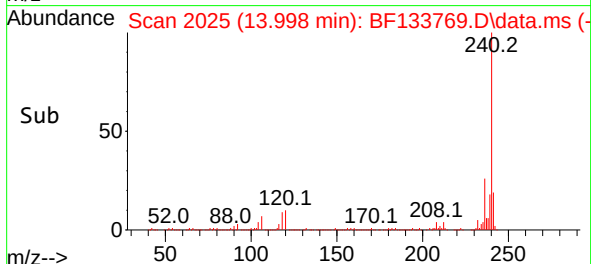
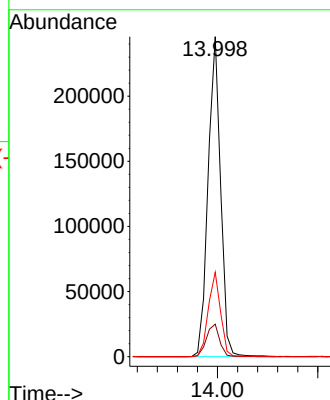
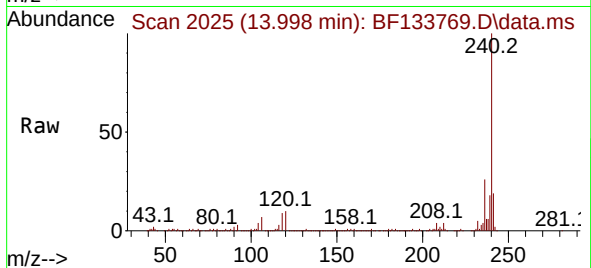
Tgt Ion:240 Resp: 213660

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

236 26.4 20.5 30.7



#79

Terphenyl-d14

Concen: 21.904 ng

RT: 12.939 min Scan# 1845

Delta R.T. -0.012 min

Lab File: BF133769.D

Acq: 15 Jun 2023 11:54

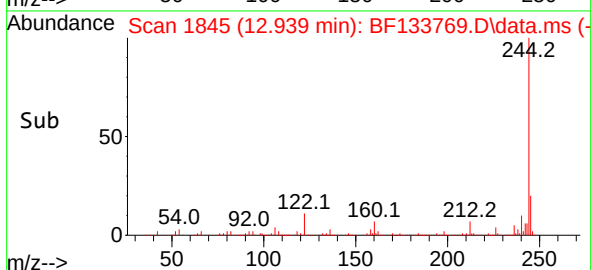
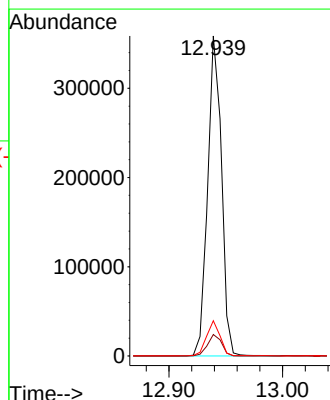
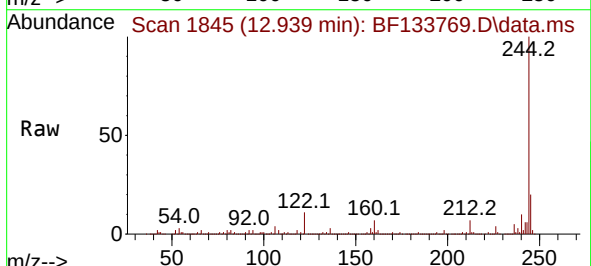
Tgt Ion:244 Resp: 302456

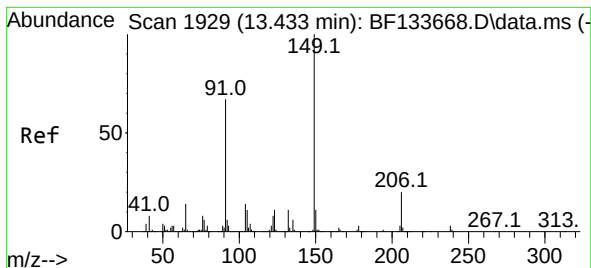
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.0 8.1 12.1





#80

Butylbenzylphthalate

Concen: 5.197 ng

RT: 13.615 min Scan# 1929

Delta R.T. 0.188 min

Lab File: BF133769.D

Acq: 15 Jun 2023 11:54

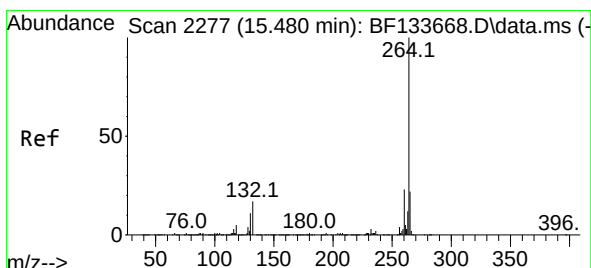
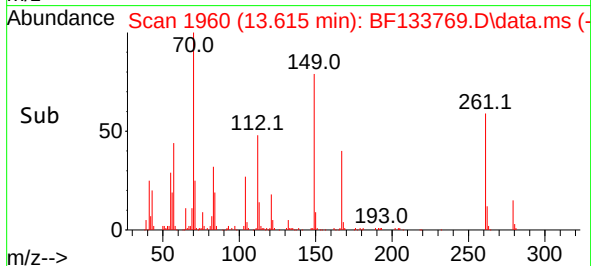
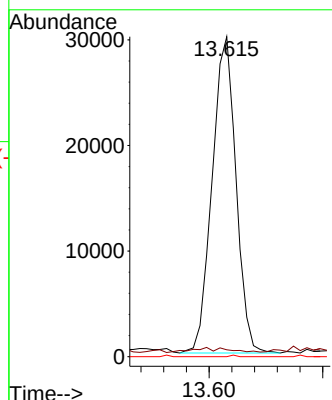
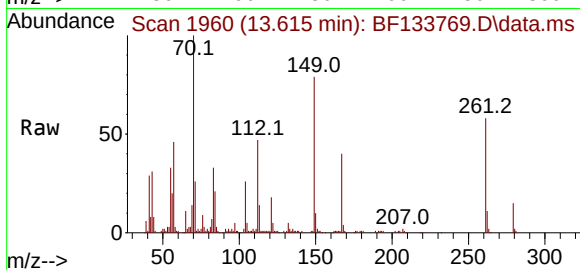
Instrument :

BNA_F

ClientSampleId :

RE137-CARBON-20230609

Tgt Ion:	149	Resp:	43664
Ion Ratio	Lower	Upper	
149	100		
91	2.2	54.0	81.0#
206	0.0	15.6	23.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.012 min

Lab File: BF133769.D

Acq: 15 Jun 2023 11:54

Tgt Ion:	264	Resp:	246430
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.2	27.2
265	21.3	17.8	26.6

