

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
 Data File : BF133834.D
 Acq On : 19 Jun 2023 15:21
 Operator : CG\JU
 Sample : 03152-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RE137-CARBON-20230609RE

Quant Time: Jun 20 02:30:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

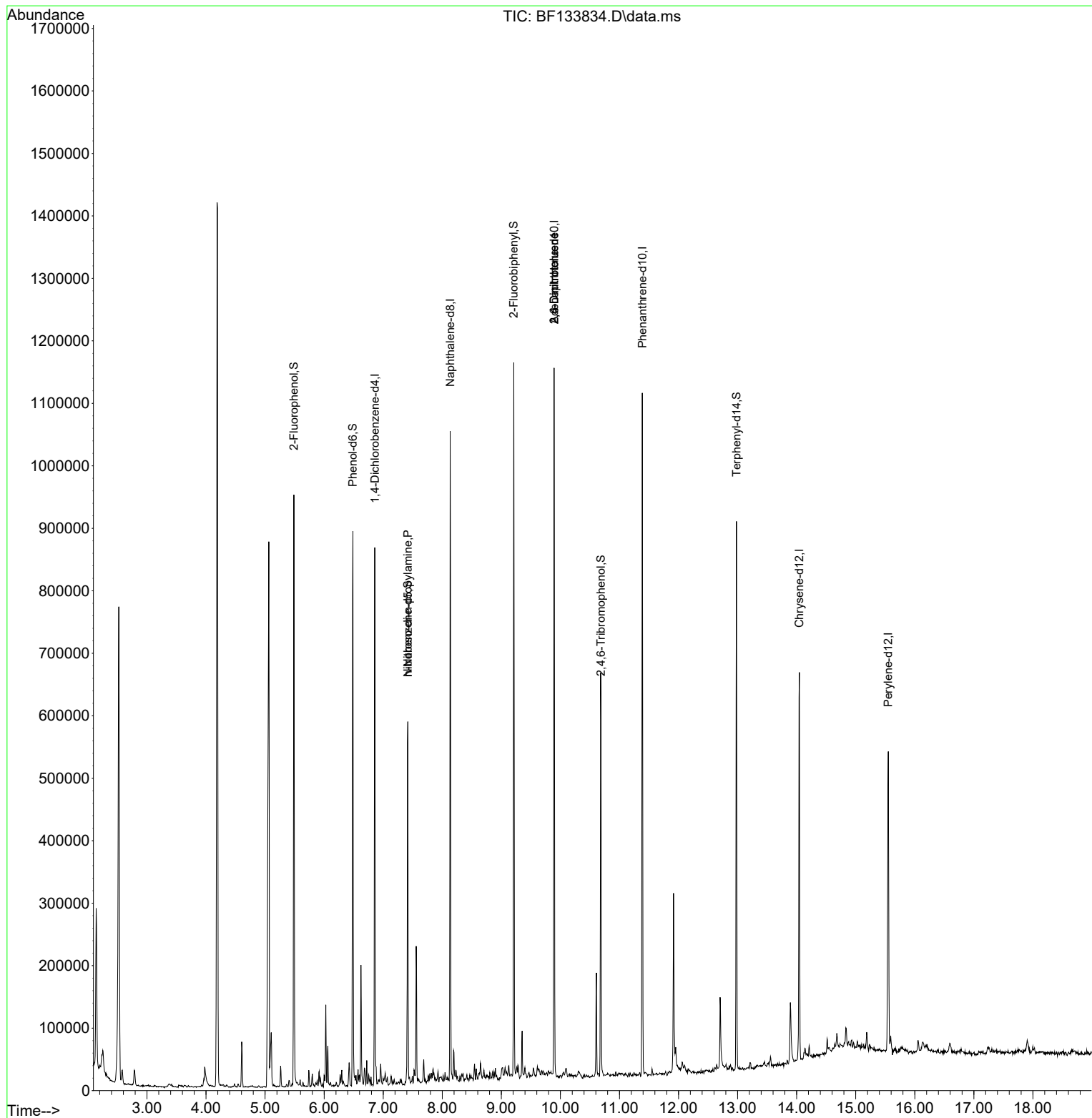
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	106457	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	407390	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	200093	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	367728	20.000	ng	0.00
76) Chrysene-d12	14.045	240	211330	20.000	ng	0.00
86) Perylene-d12	15.551	264	224348	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	219362	35.872	ng	0.00
7) Phenol-d6	6.487	99	262264	32.949	ng	-0.01
23) Nitrobenzene-d5	7.416	82	168676	22.551	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	72941	28.798	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	288440	20.492	ng	-0.01
79) Terphenyl-d14	12.980	244	270953	19.839	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	23942	4.728	ng	# 77
51) 2,6-Dinitrotoluene	9.892	165	26020	8.440	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	26020	6.637	ng	# 20

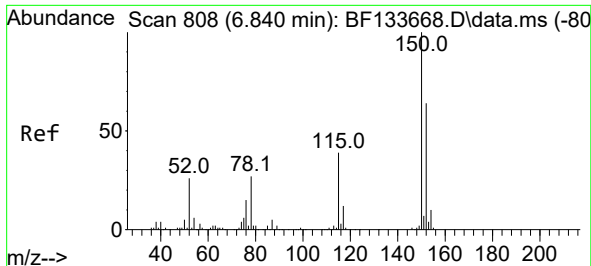
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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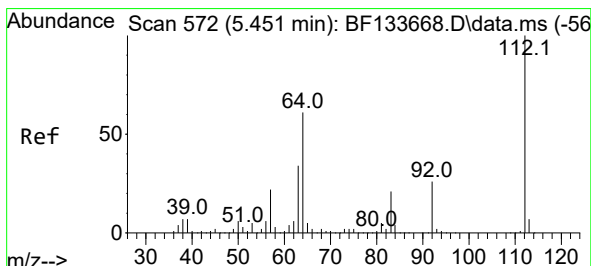
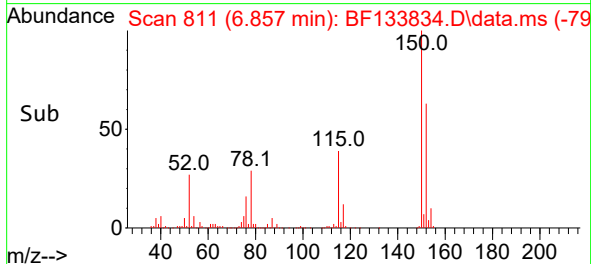
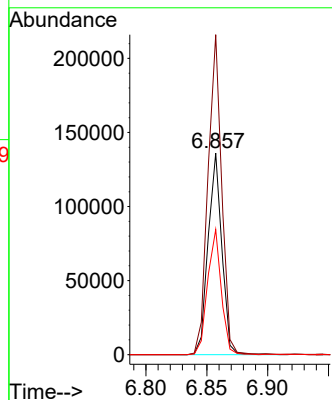
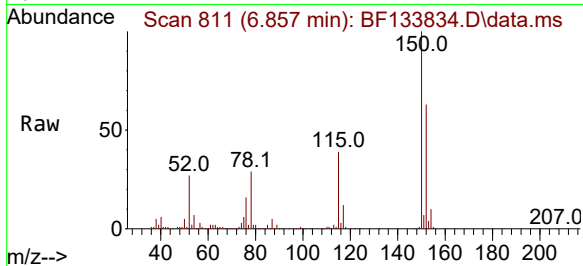




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133834.D
Acq: 19 Jun 2023 15:21

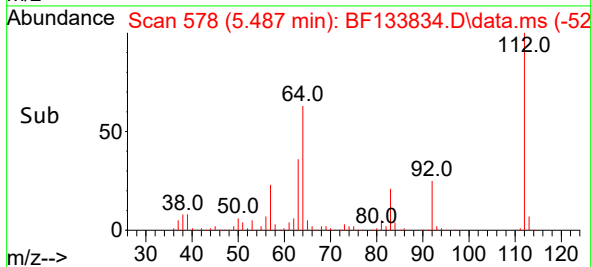
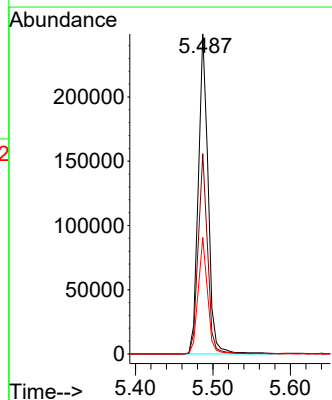
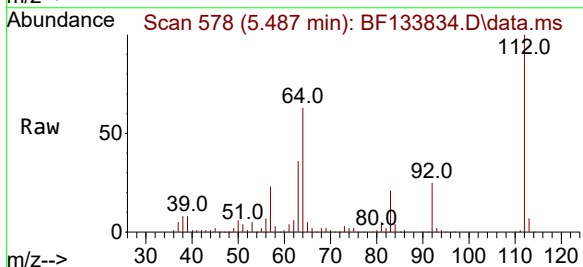
Instrument :
BNA_F
ClientSampleId :
RE137-CARBON-20230609RE

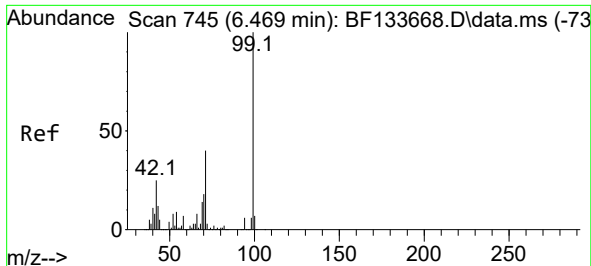
Tgt Ion:152 Resp: 106457
Ion Ratio Lower Upper
152 100
150 158.7 124.3 186.5
115 62.1 48.5 72.7



#5
2-Fluorophenol
Concen: 35.872 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF133834.D
Acq: 19 Jun 2023 15:21

Tgt Ion:112 Resp: 219362
Ion Ratio Lower Upper
112 100
64 62.6 49.0 73.4
63 36.4 26.8 40.2

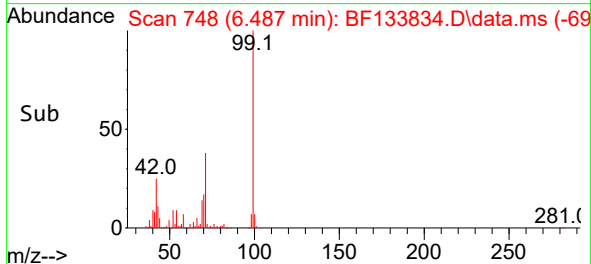
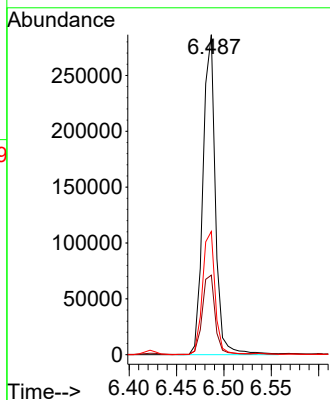
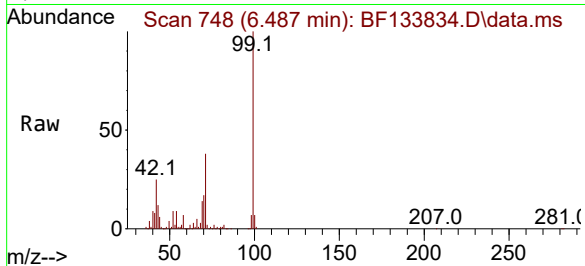




#7
Phenol-d6
Concen: 32.949 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF133834.D
Acq: 19 Jun 2023 15:21

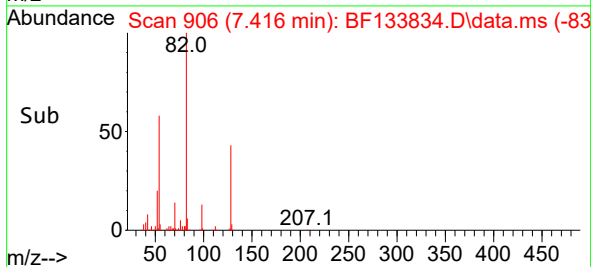
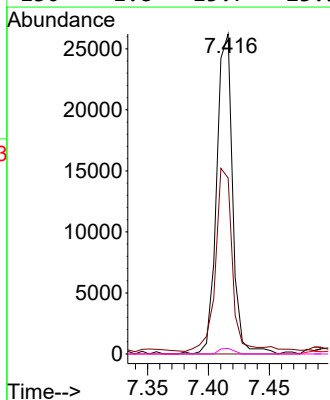
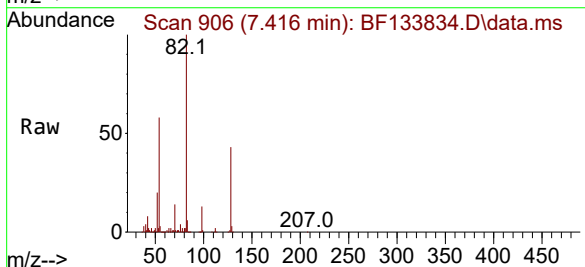
Instrument :
BNA_F
ClientSampleId :
RE137-CARBON-20230609RE

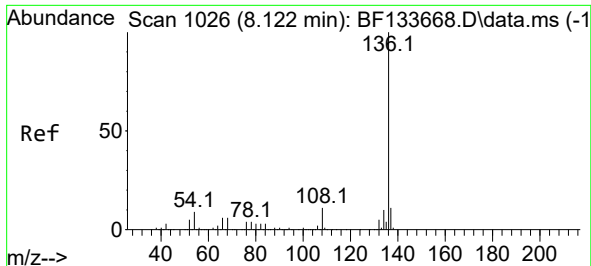
Tgt Ion: 99 Resp: 262264
Ion Ratio Lower Upper
99 100
42 24.8 19.9 29.9
71 38.5 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.728 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF133834.D
Acq: 19 Jun 2023 15:21

Tgt Ion: 70 Resp: 23942
Ion Ratio Lower Upper
70 100
42 55.0 55.8 83.8#
101 0.0 8.1 12.1#
130 1.8 15.7 23.5#

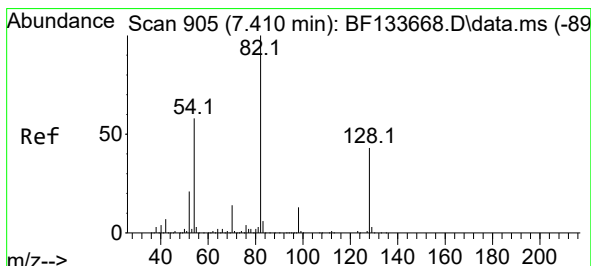
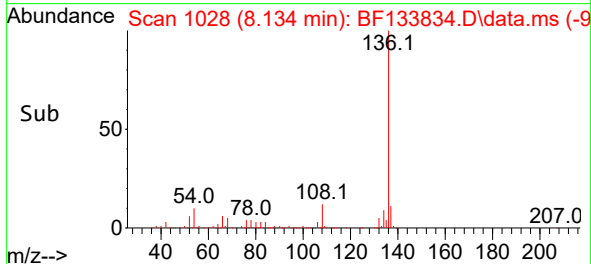
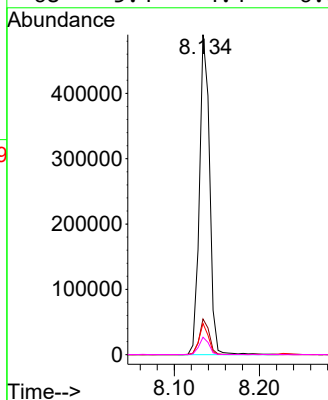
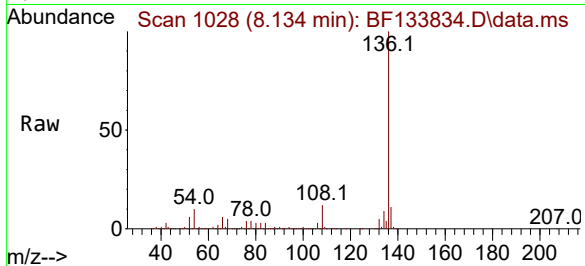




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133834.D
Acq: 19 Jun 2023 15:21

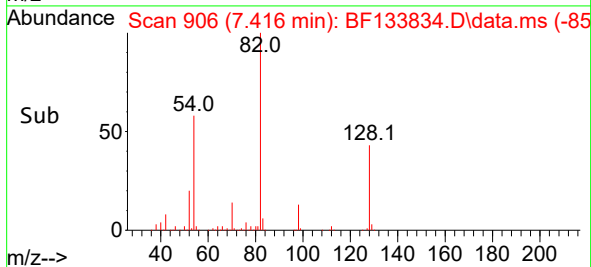
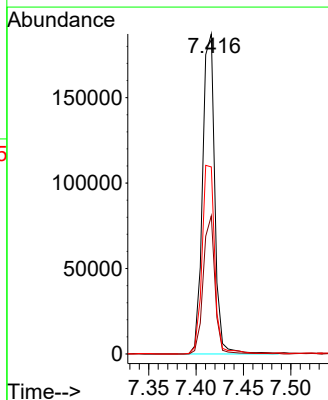
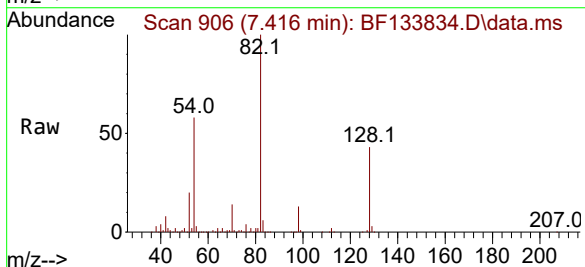
Instrument :
BNA_F
ClientSampleId :
RE137-CARBON-20230609RE

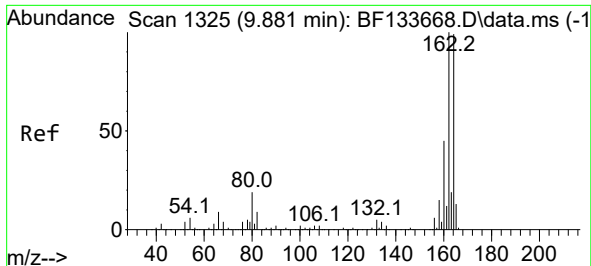
Tgt Ion:	136	Resp:	407390
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.7	7.4	11.0
68	5.4	4.4	6.6



#23
Nitrobenzene-d5
Concen: 22.551 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF133834.D
Acq: 19 Jun 2023 15:21

Tgt Ion:	82	Resp:	168676
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.2	51.2
54	58.4	46.5	69.7

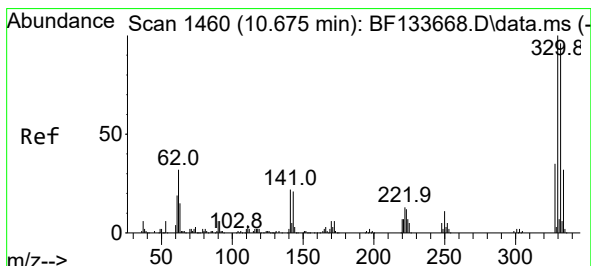
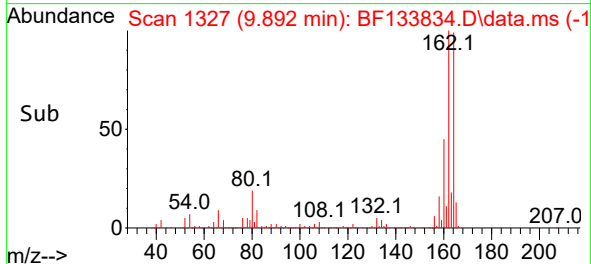
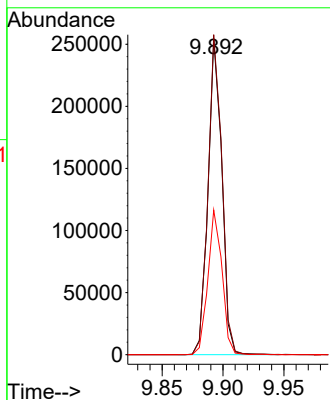
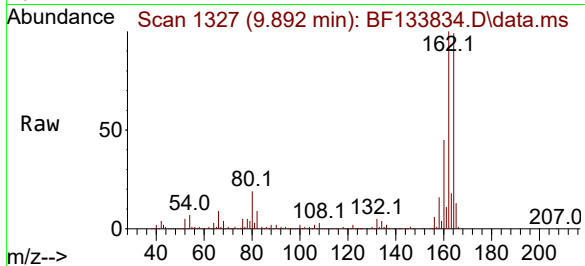




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133834.D
Acq: 19 Jun 2023 15:21

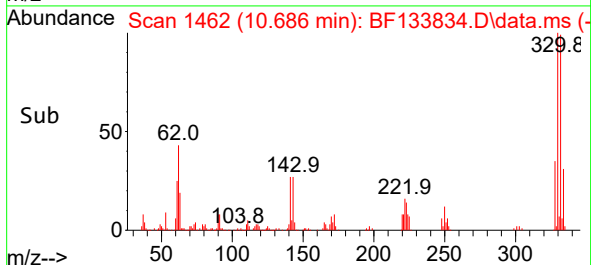
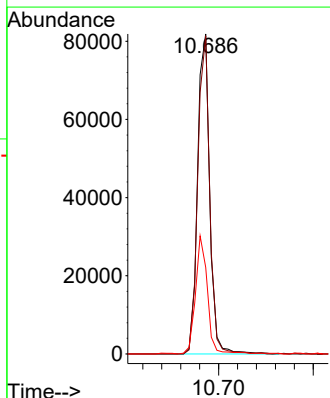
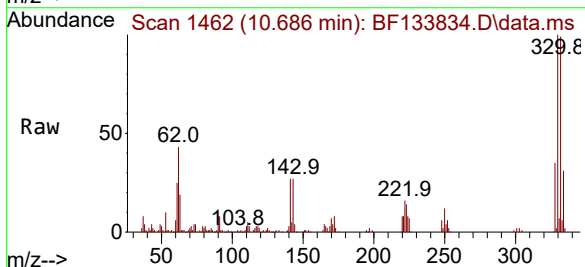
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ClientSampleId :
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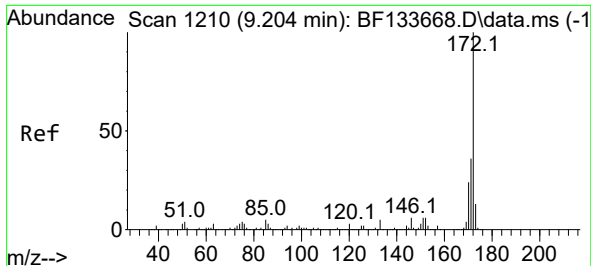
Tgt Ion:164 Resp: 200093
Ion Ratio Lower Upper
164 100
162 101.3 80.8 121.2
160 45.8 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 28.798 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF133834.D
Acq: 19 Jun 2023 15:21

Tgt Ion:330 Resp: 72941
Ion Ratio Lower Upper
330 100
332 97.6 77.2 115.8
141 36.3 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 20.492 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF133834.D

Acq: 19 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

RE137-CARBON-20230609RE

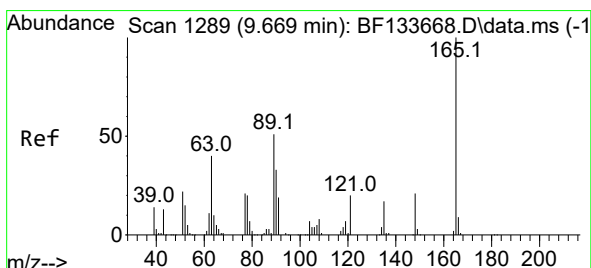
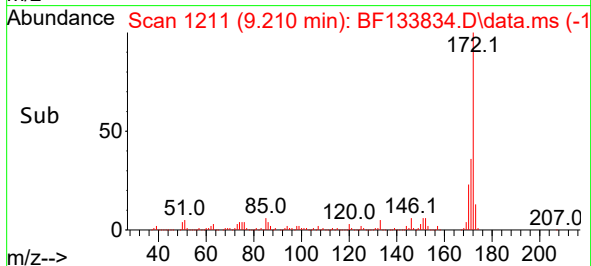
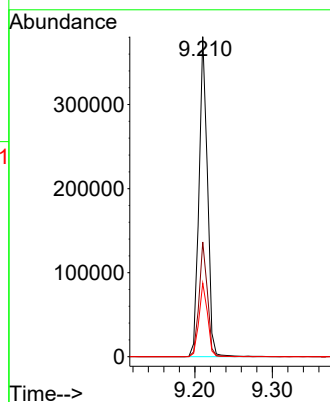
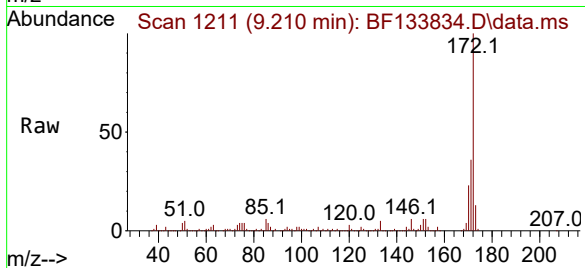
Tgt Ion:172 Resp: 288440

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.0 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 8.440 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.206 min

Lab File: BF133834.D

Acq: 19 Jun 2023 15:21

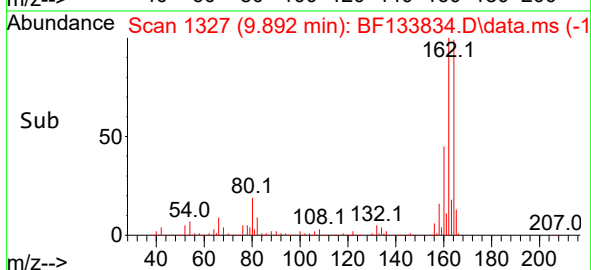
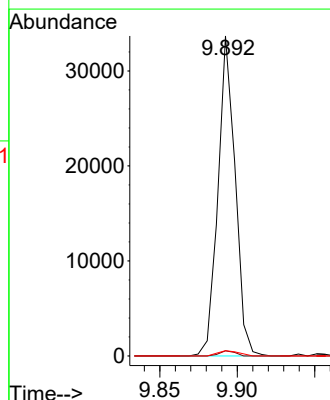
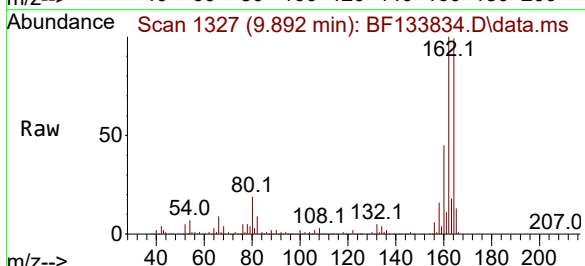
Tgt Ion:165 Resp: 26020

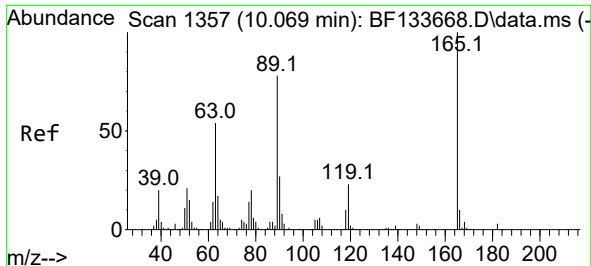
Ion Ratio Lower Upper

165 100

63 1.6 42.1 63.1#

89 1.6 40.9 61.3#

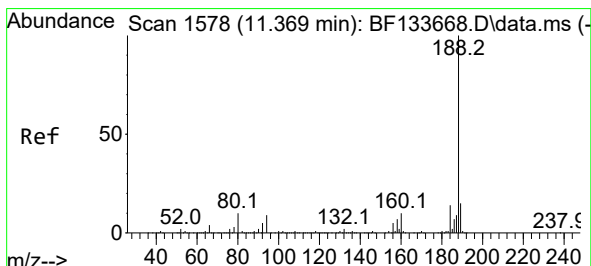
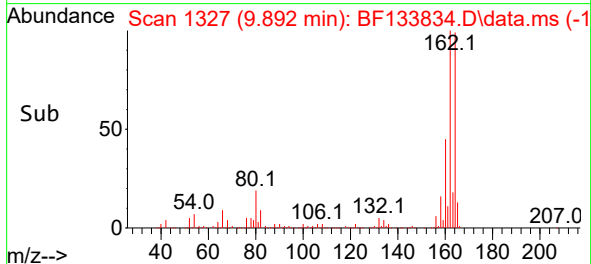
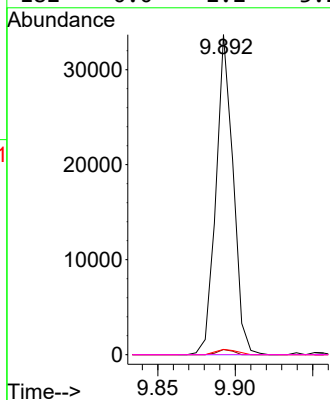
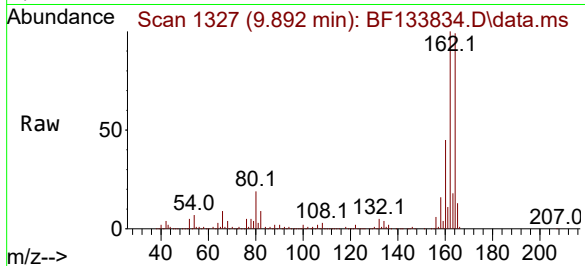




#57
2,4-Dinitrotoluene
Concen: 6.637 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133834.D
Acq: 19 Jun 2023 15:21

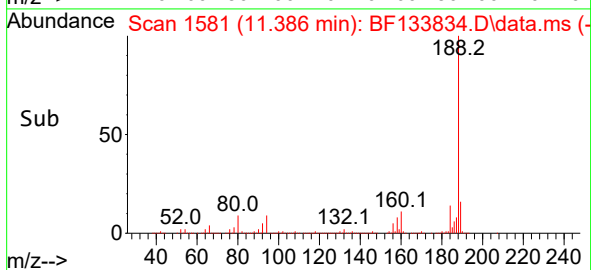
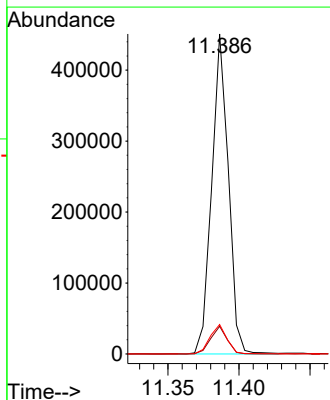
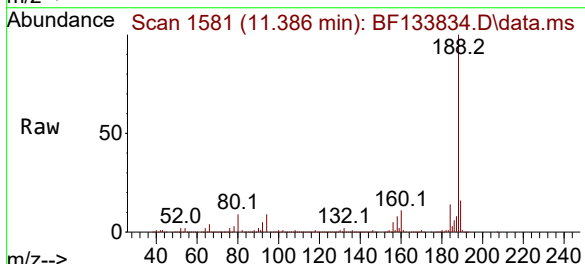
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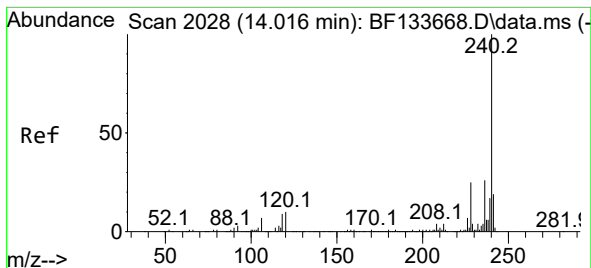
Tgt Ion:165 Resp: 26020
Ion Ratio Lower Upper
165 100
63 1.6 43.0 64.6#
89 1.6 62.6 93.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF133834.D
Acq: 19 Jun 2023 15:21

Tgt Ion:188 Resp: 367728
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.2 7.8 11.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133834.D

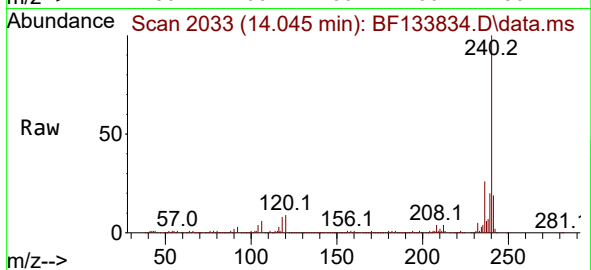
Acq: 19 Jun 2023 15:21

Instrument :

BNA_F

ClientSampleId :

RE137-CARBON-20230609RE



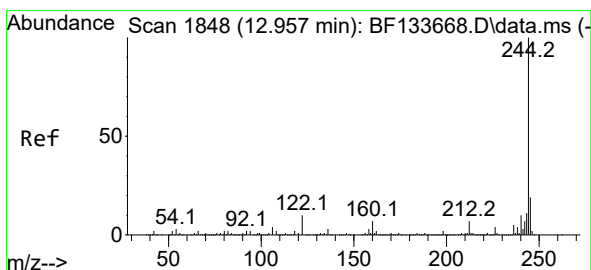
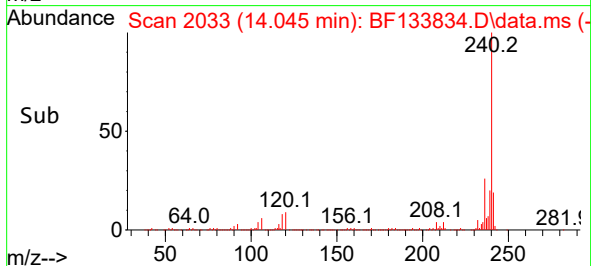
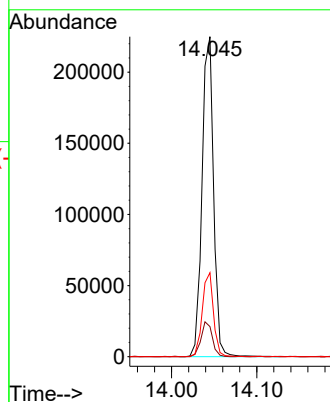
Tgt Ion:240 Resp: 211330

Ion Ratio Lower Upper

240 100

120 9.4 8.1 12.1

236 26.2 20.5 30.7



#79

Terphenyl-d14

Concen: 19.839 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF133834.D

Acq: 19 Jun 2023 15:21

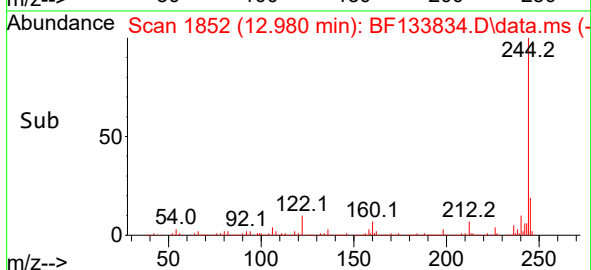
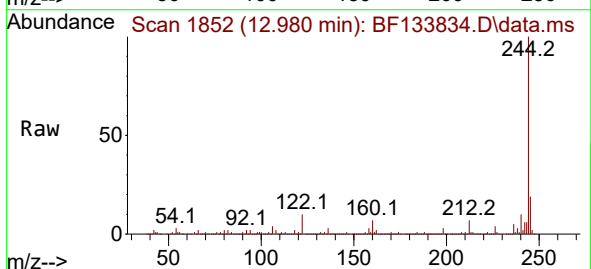
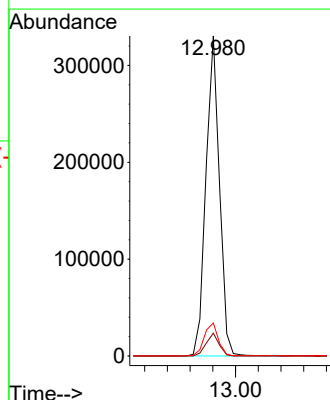
Tgt Ion:244 Resp: 270953

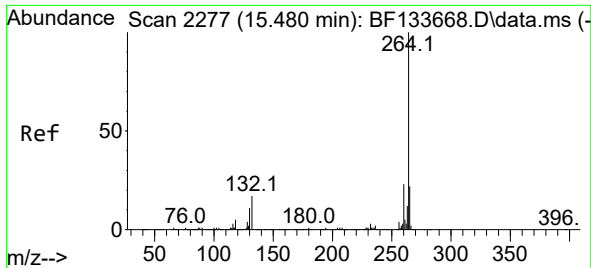
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

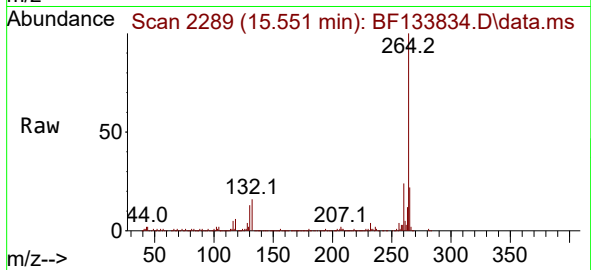
122 10.3 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133834.D
Acq: 19 Jun 2023 15:21

Instrument :
BNA_F
ClientSampleId :
RE137-CARBON-20230609RE



Tgt Ion:264 Resp: 224348

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	21.8	17.8	26.6

