

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 19 16:01:15 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

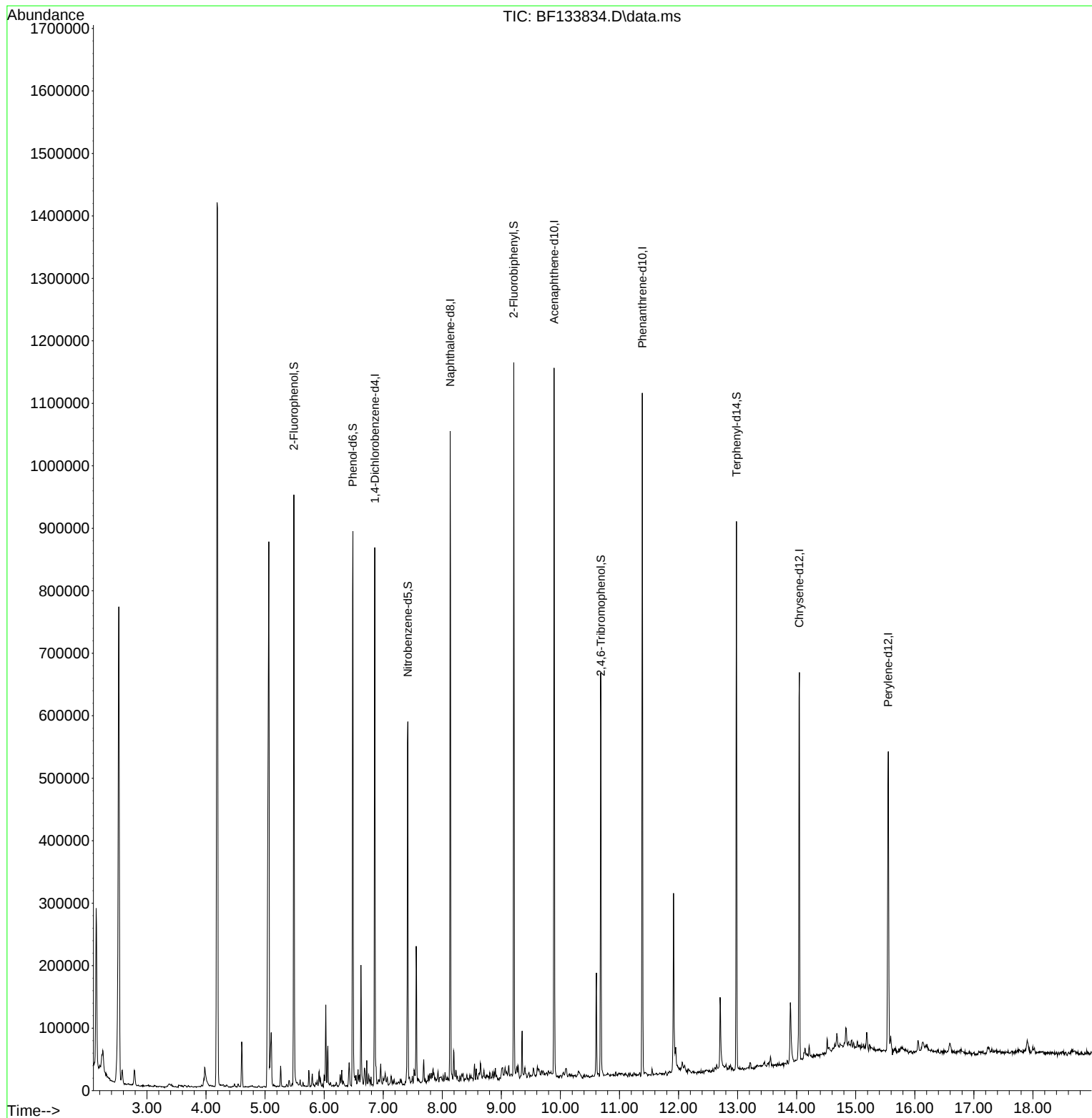
Target Compounds	Qvalue

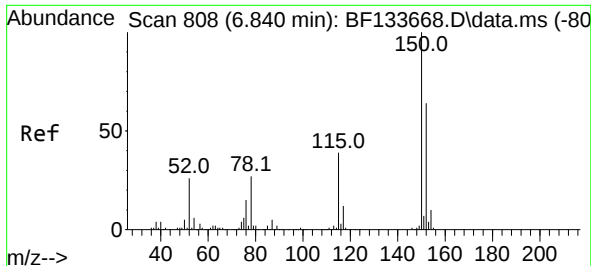
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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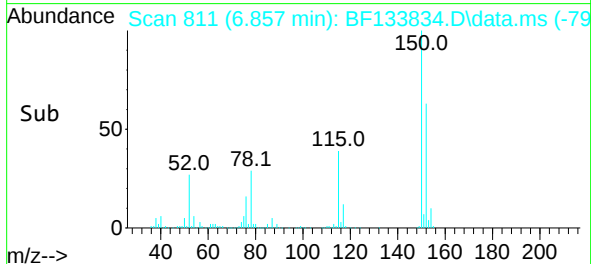
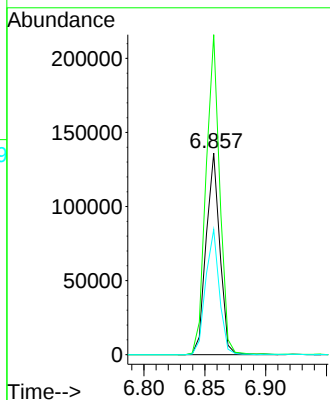
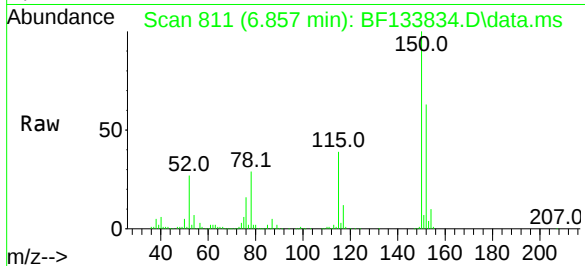




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133834.D
Acq: 19 Jun 2023 15:21

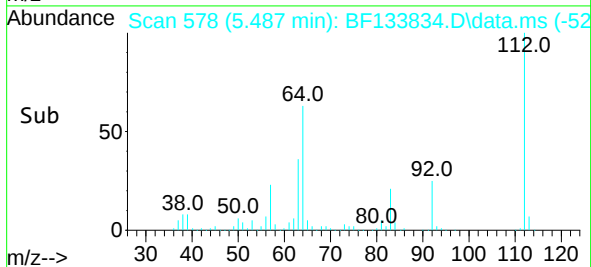
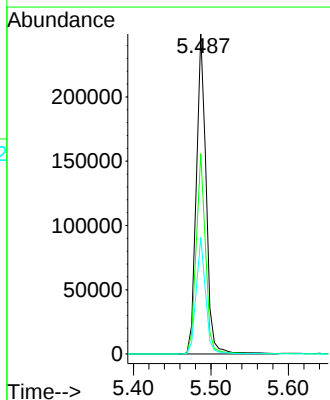
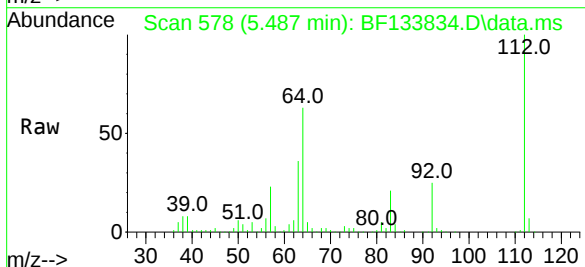
Instrument :
BNA_F
ClientSampleId :
RE137-CARBON-20230609RE

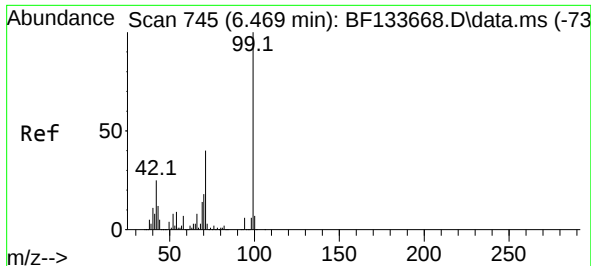
Tgt Ion:152 Resp: 106457
Ion Ratio Lower Upper
152 100
150 158.7 124.3 186.5
115 62.1 48.5 72.7



#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

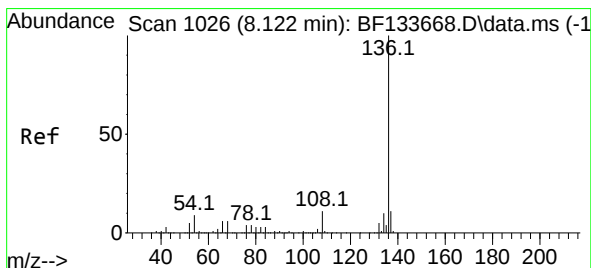
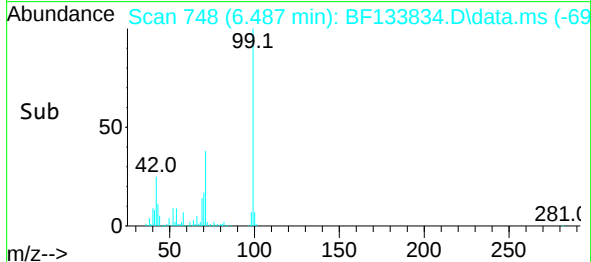
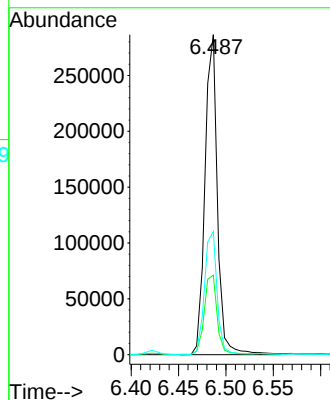
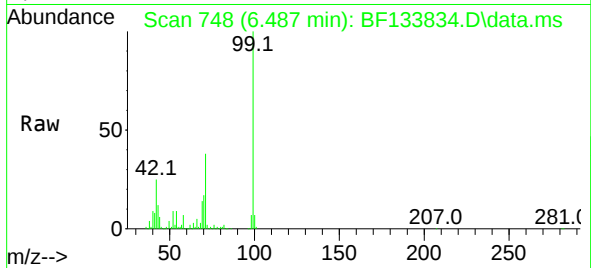




#7
Phenol-d6
Concen: 32.949 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF133834.D
Acq: 19 Jun 2023 15:21

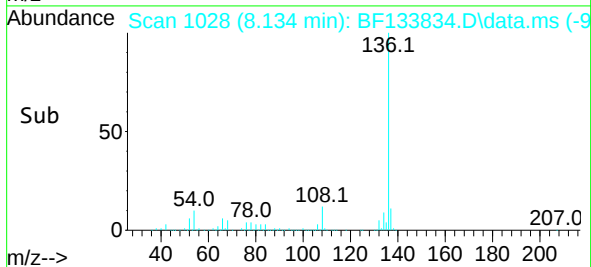
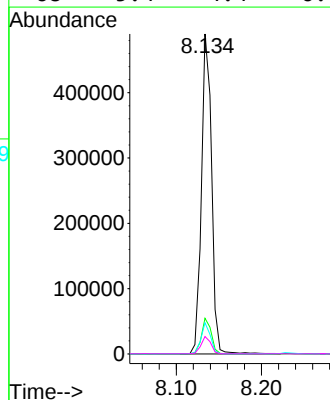
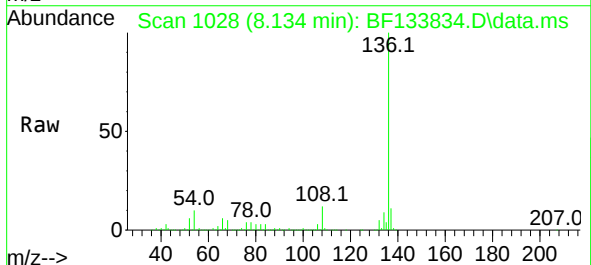
Instrument :
BNA_F
ClientSampleId :
RE137-CARBON-20230609RE

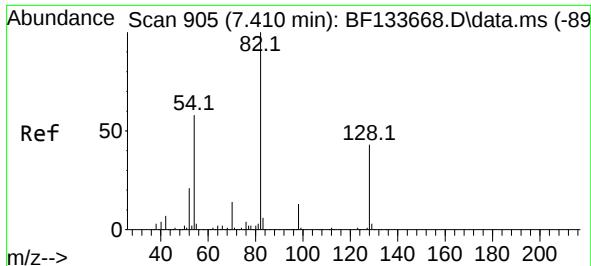
Tgt Ion: 99 Resp: 262264
Ion Ratio Lower Upper
99 100
42 24.8 19.9 29.9
71 38.5 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133834.D
Acq: 19 Jun 2023 15:21

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

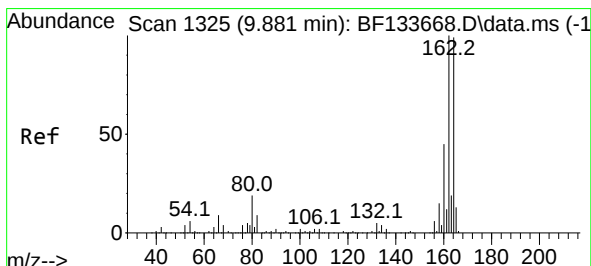
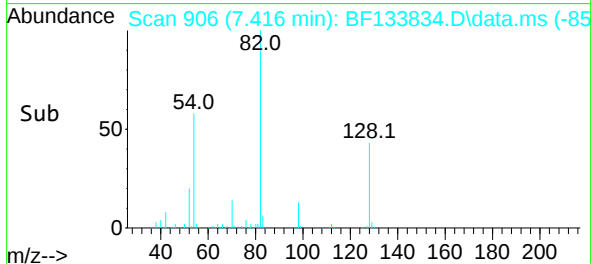
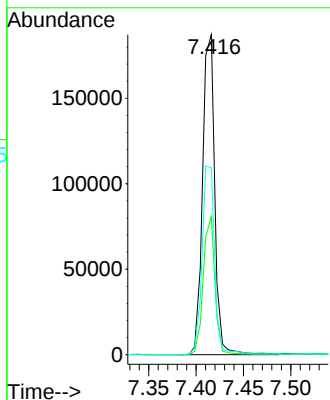
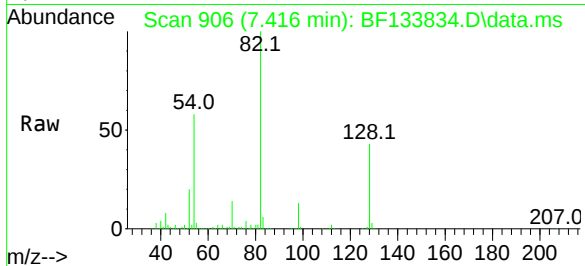




#23
Nitrobenzene-d5
Concen: 22.551 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF133834.D
Acq: 19 Jun 2023 15:21

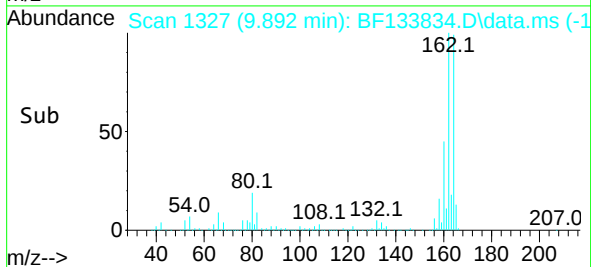
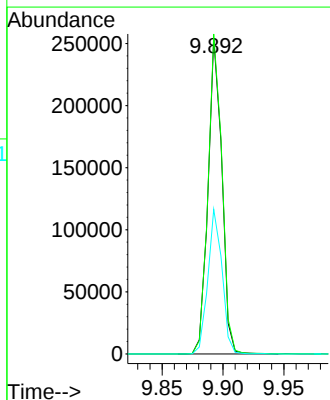
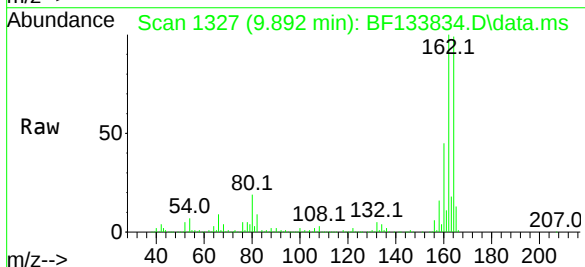
Instrument :
BNA_F
ClientSampleId :
RE137-CARBON-20230609RE

Tgt Ion: 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# 1327
Delta R.T. -0.006 min
Lab File: BF133834.D
Acq: 19 Jun 2023 15:21

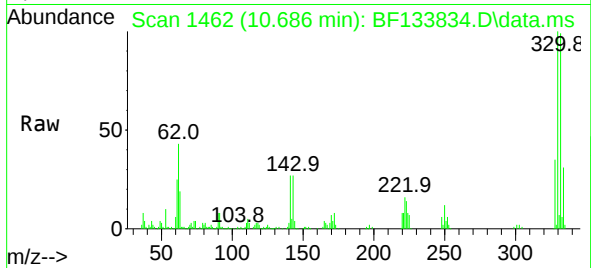
Tgt Ion:164 Resp: 200093
Ion Ratio Lower Upper
164 100
162 101.3 80.8 121.2
160 45.8 36.7 55.1



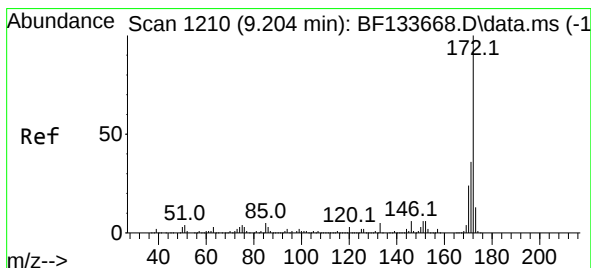
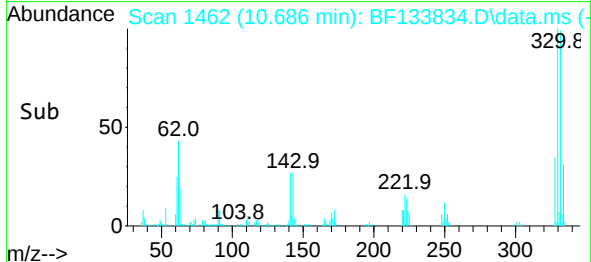
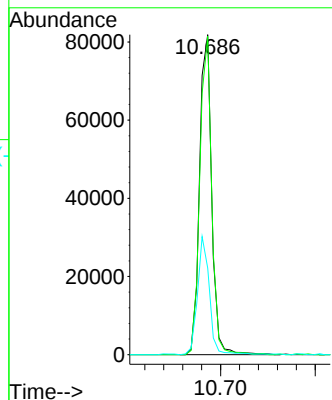


#42
2,4,6-Tribromophenol
Concen: 28.798 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF133834.D
Acq: 19 Jun 2023 15:21

Instrument :
BNA_F
ClientSampleId :
RE137-CARBON-20230609RE

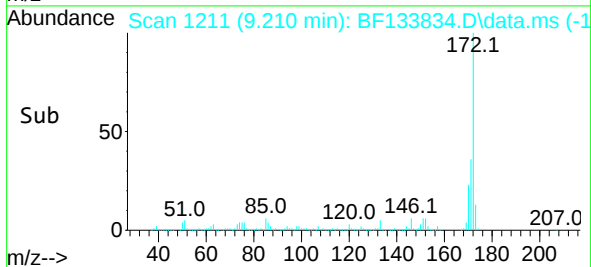
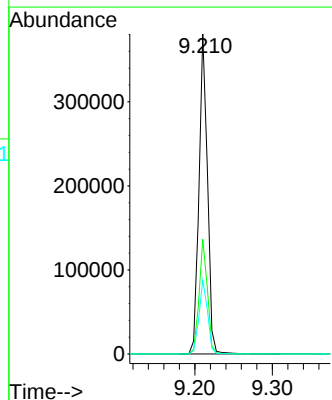
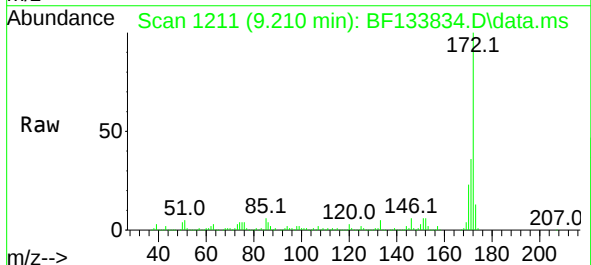


Tgt Ion:330 Resp: 72941
Ion Ratio Lower Upper
330 100
332 97.6 77.2 115.8
141 36.3 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 20.492 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF133834.D
Acq: 19 Jun 2023 15:21

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

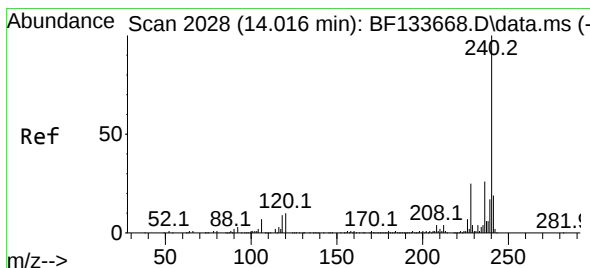
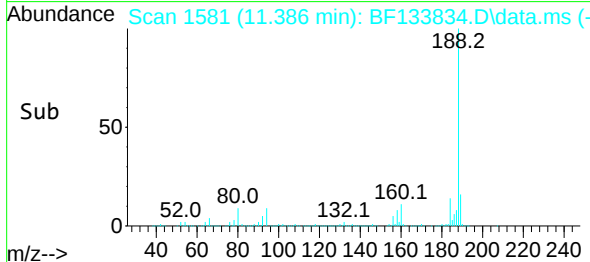
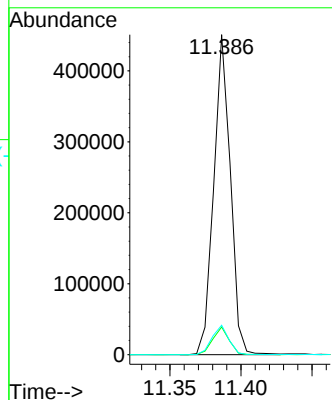
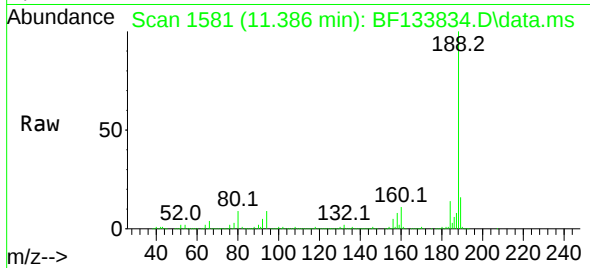




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133834.D
Acq: 19 Jun 2023 15:21

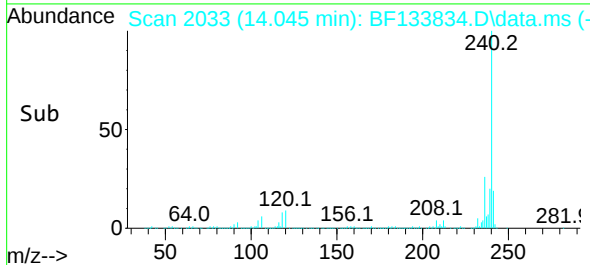
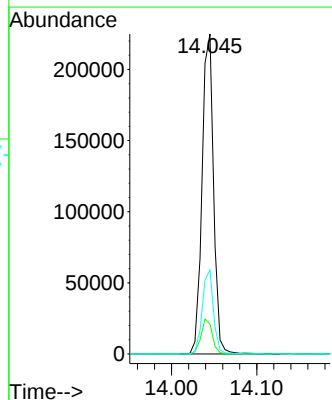
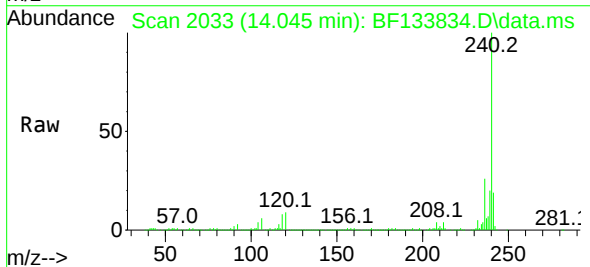
Instrument :
BNA_F
ClientSampleId :
RE137-CARBON-20230609RE

Tgt Ion: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# 2033
Delta R.T. -0.006 min
Lab File: BF133834.D
Acq: 19 Jun 2023 15:21

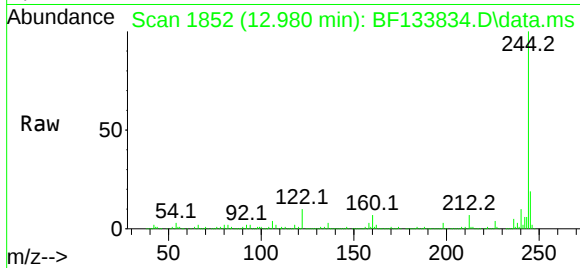
Tgt Ion:240 Resp: 211330
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 26.2 20.5 30.7



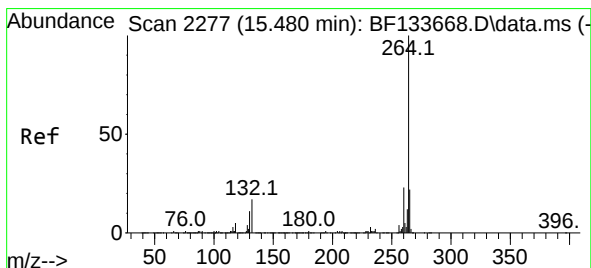
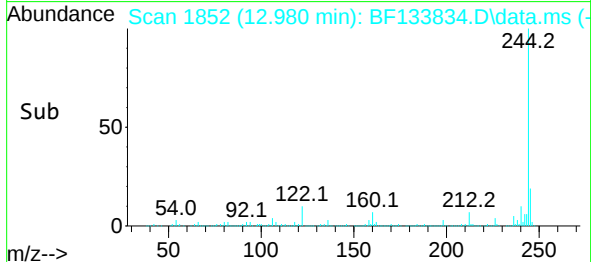
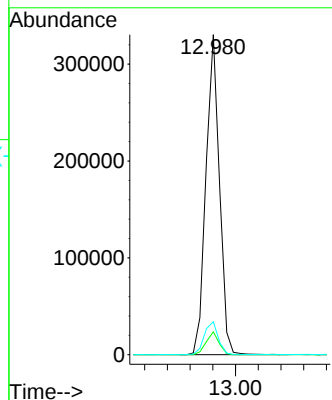


#79
 Terphenyl-d14
 Concen: 19.839 ng
 RT: 12.980 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF133834.D
 Acq: 19 Jun 2023 15:21

Instrument :
 BNA_F
 ClientSampleId :
 RE137-CARBON-20230609RE



Tgt Ion: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# 2289
 Delta R.T. -0.006 min
 Lab File: BF133834.D
 Acq: 19 Jun 2023 15:21

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

