

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

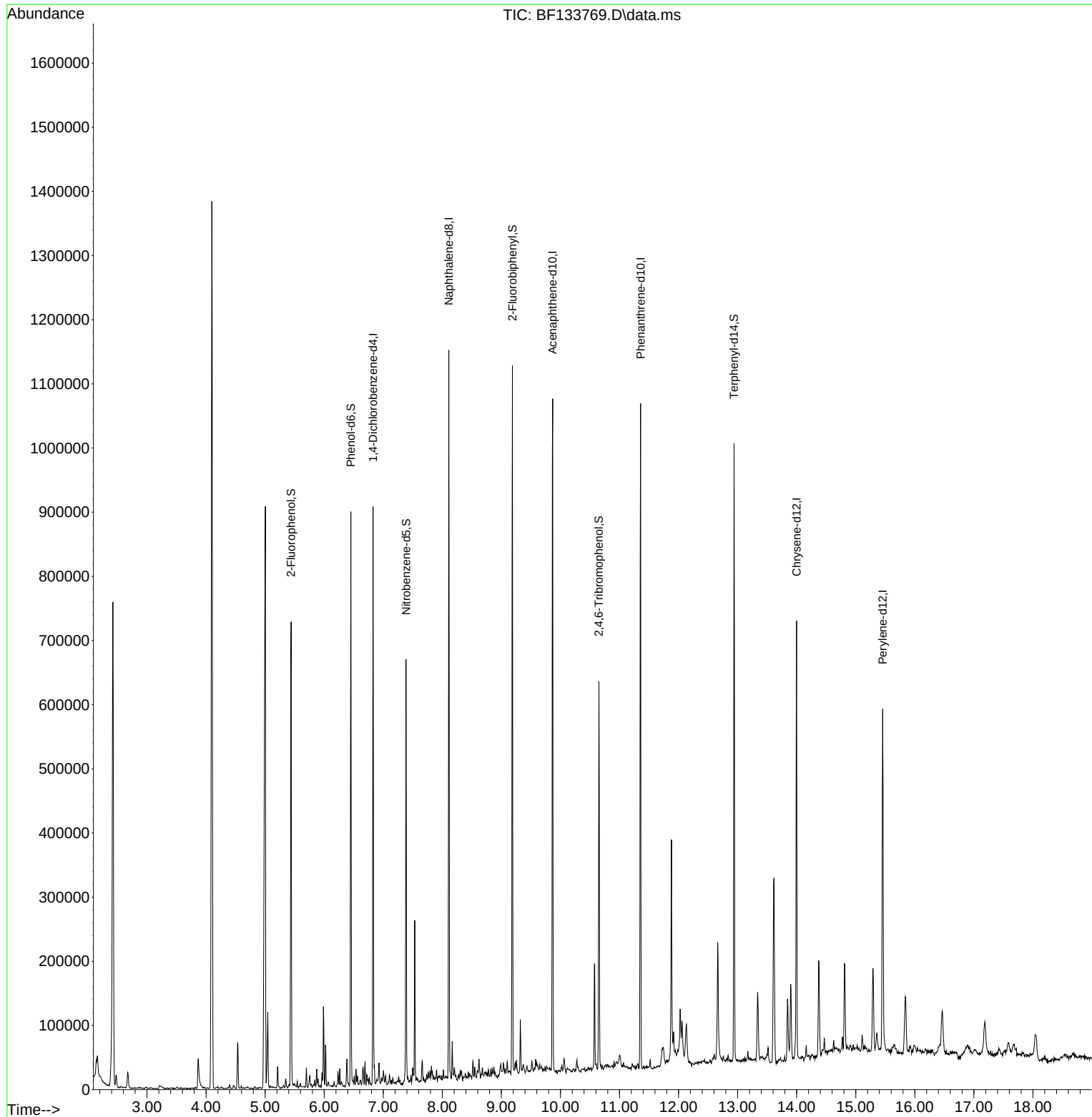
Target Compounds	Qvalue

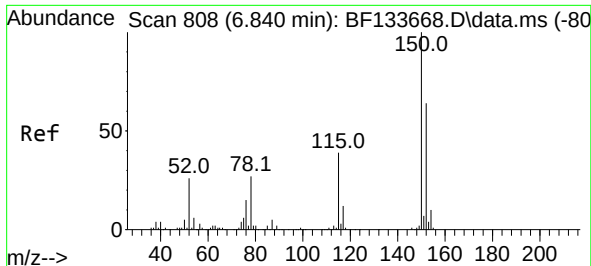
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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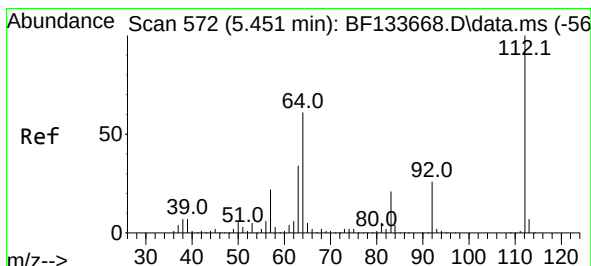
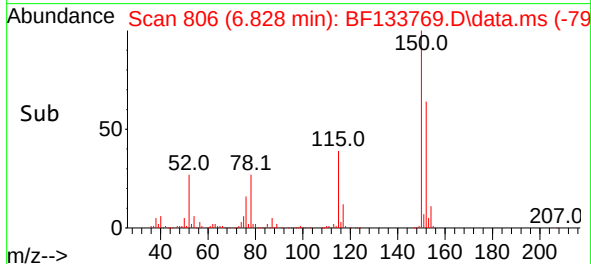
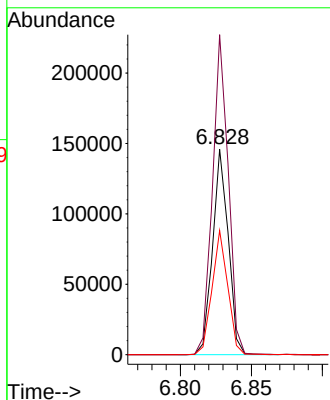
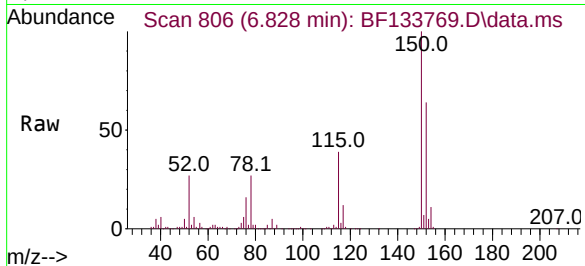




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133769.D
Acq: 15 Jun 2023 11:54

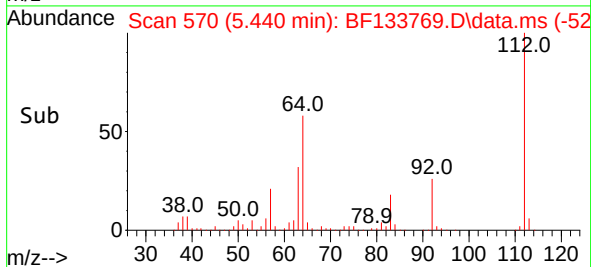
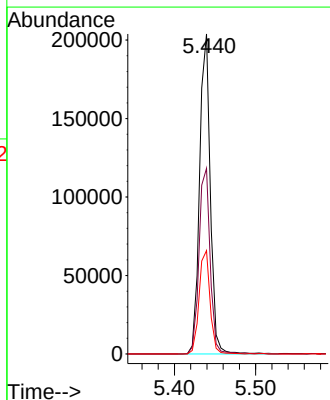
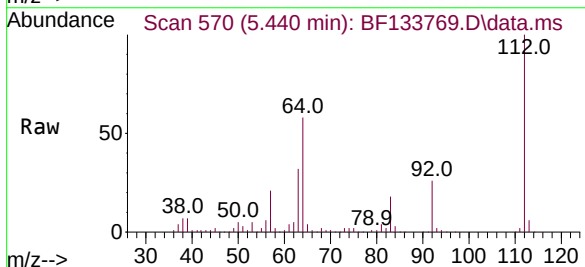
Instrument :
BNA_F
ClientSampleId :
RE137-CARBON-20230609

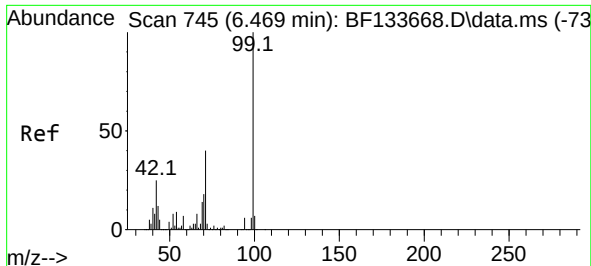
Tgt Ion:152 Resp: 112310
Ion Ratio Lower Upper
152 100
150 155.7 124.3 186.5
115 60.4 48.5 72.7



#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

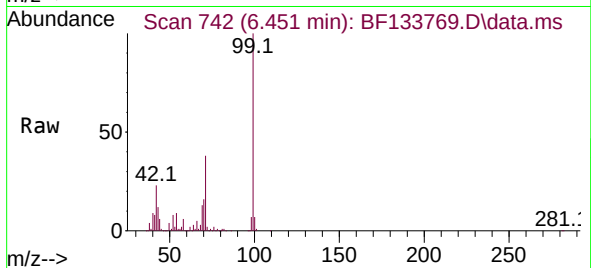
Tgt Ion:112 Resp: 187259
Ion Ratio Lower Upper
112 100
64 58.0 49.0 73.4
63 32.3 26.8 40.2



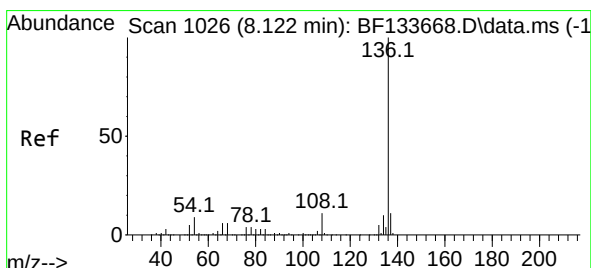
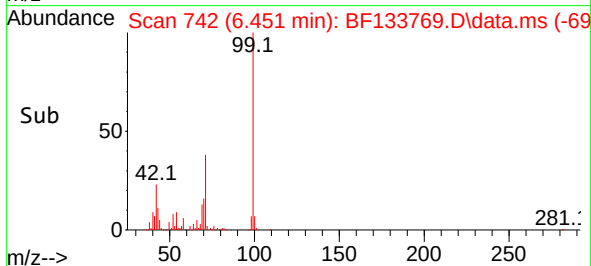
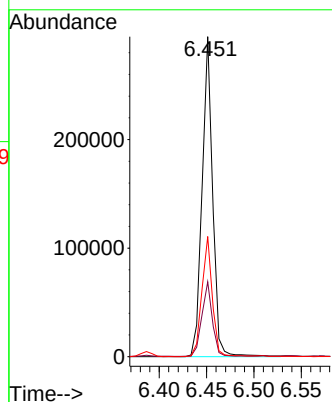


#7
Phenol-d6
Concen: 27.368 ng
RT: 6.451 min Scan# 745
Delta R.T. -0.018 min
Lab File: BF133769.D
Acq: 15 Jun 2023 11:54

Instrument :
BNA_F
ClientSampleId :
RE137-CARBON-20230609

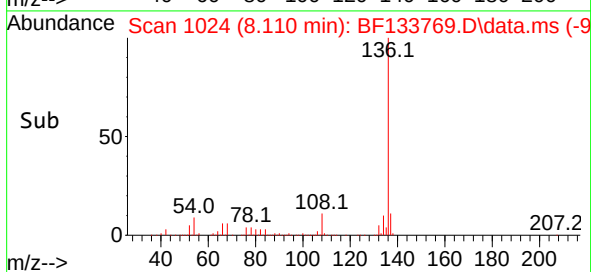
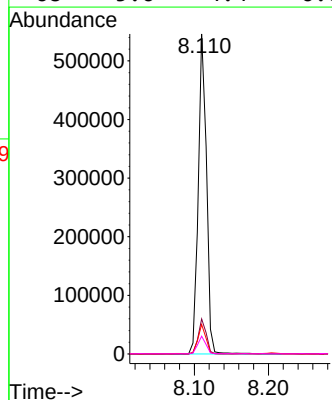
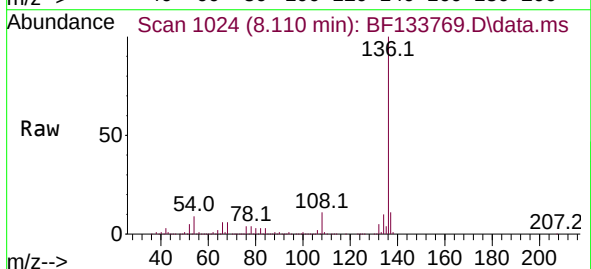


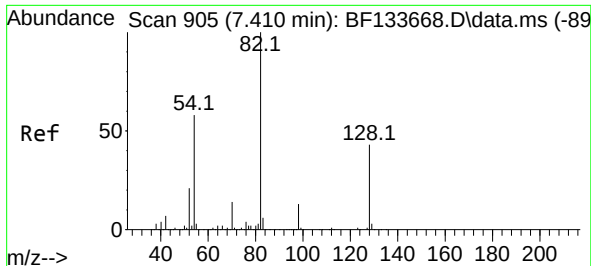
Tgt Ion: 99 Resp: 229816
Ion Ratio Lower Upper
99 100
42 23.4 19.9 29.9
71 37.6 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133769.D
Acq: 15 Jun 2023 11:54

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

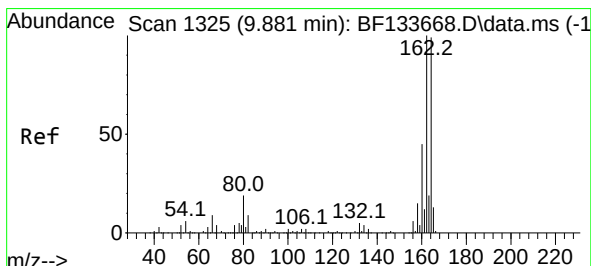
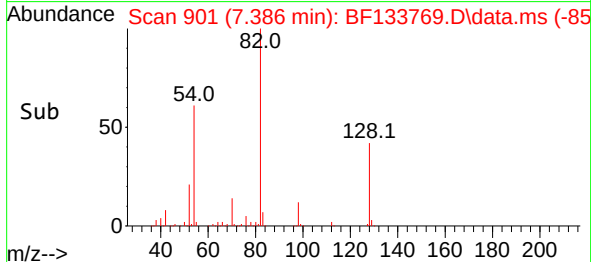
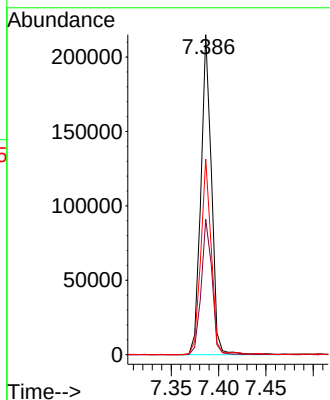
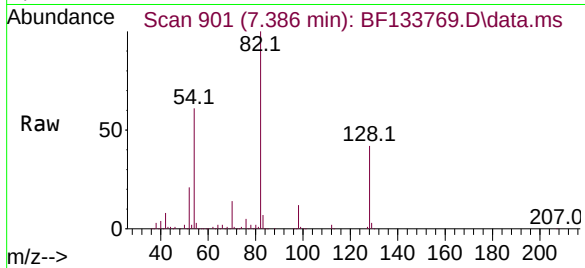




#23
Nitrobenzene-d5
Concen: 21.842 ng
RT: 7.386 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF133769.D
Acq: 15 Jun 2023 11:54

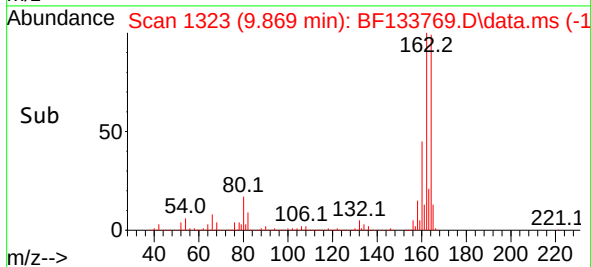
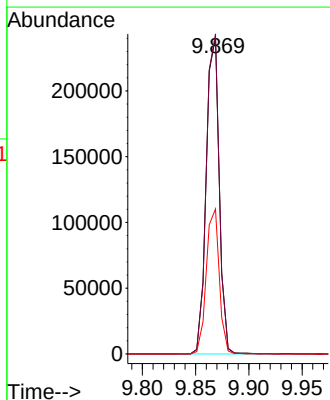
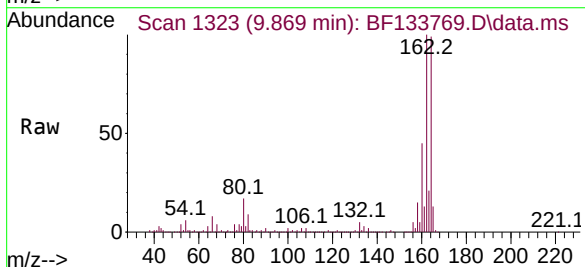
Instrument :
BNA_F
ClientSampleId :
RE137-CARBON-20230609

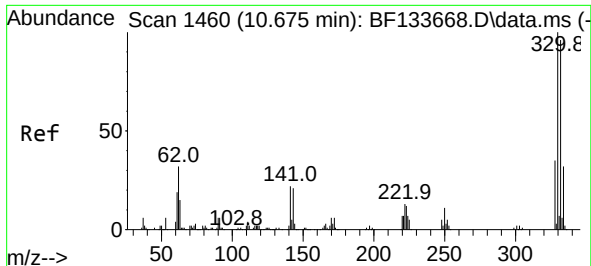
Tgt Ion: 82 Resp: 168124
Ion Ratio Lower Upper
82 100
128 42.3 34.2 51.2
54 61.1 46.5 69.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF133769.D
Acq: 15 Jun 2023 11:54

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

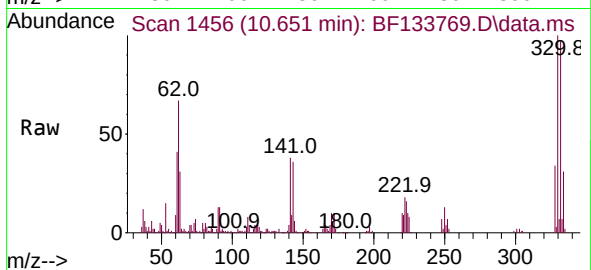
Acq: 15 Jun 2023 11:54

Instrument :

BNA_F

ClientSampleId :

RE137-CARBON-20230609



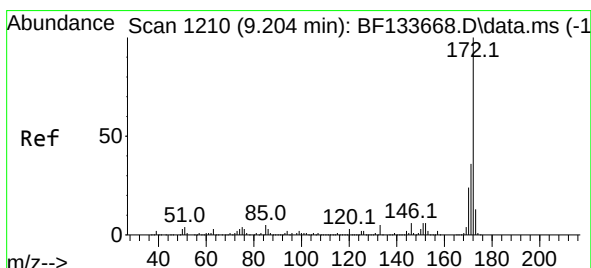
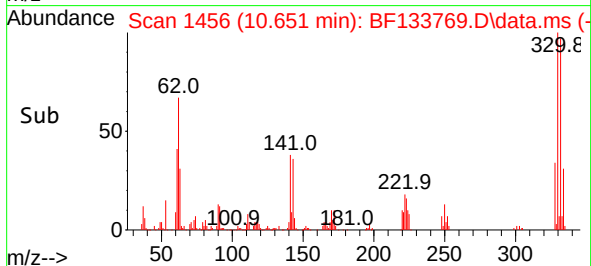
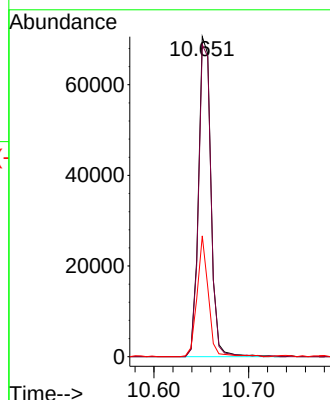
Tgt Ion:330 Resp: 64801

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# 1207

Delta R.T. -0.006 min

Lab File: BF133769.D

Acq: 15 Jun 2023 11:54

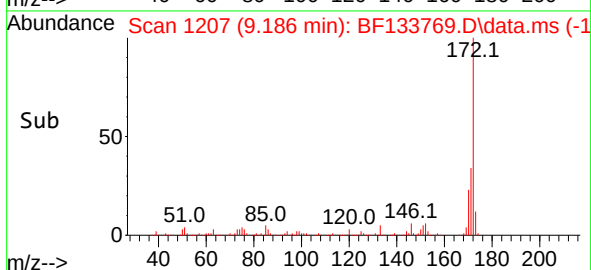
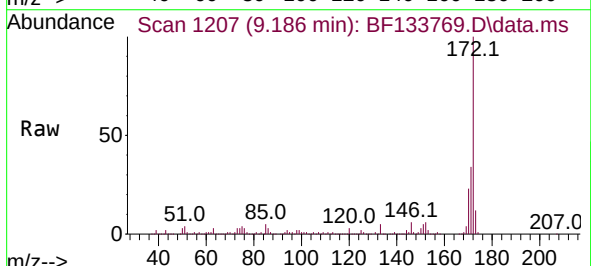
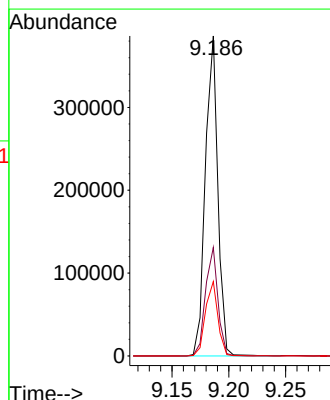
Tgt Ion:172 Resp: 294745

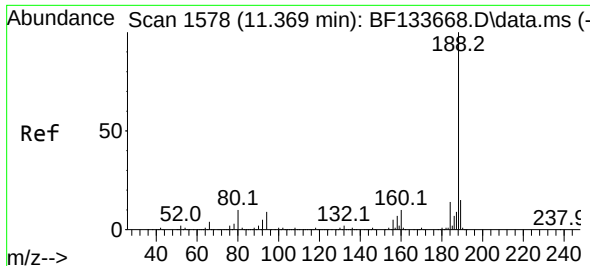
Ion Ratio Lower Upper

172 100

171 33.9 28.6 43.0

170 23.3 19.1 28.7

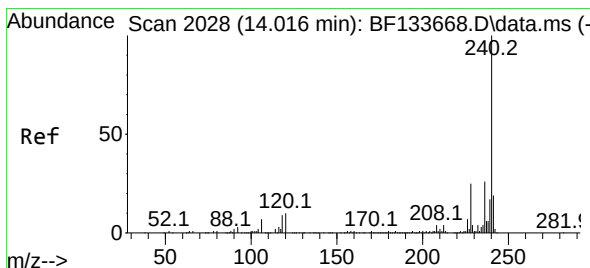
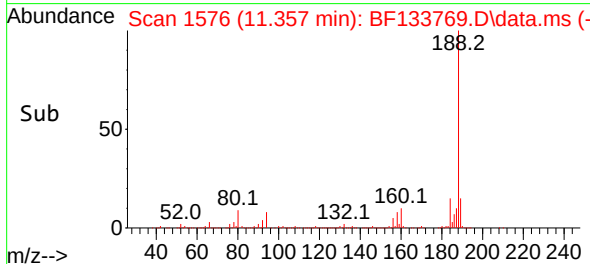
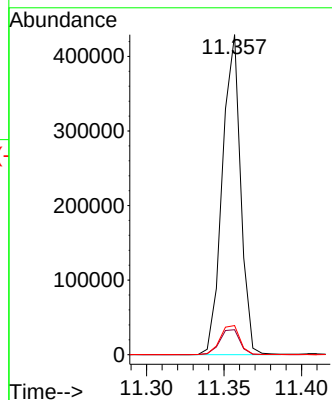
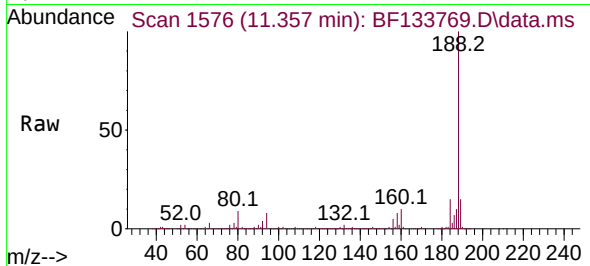




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133769.D
Acq: 15 Jun 2023 11:54

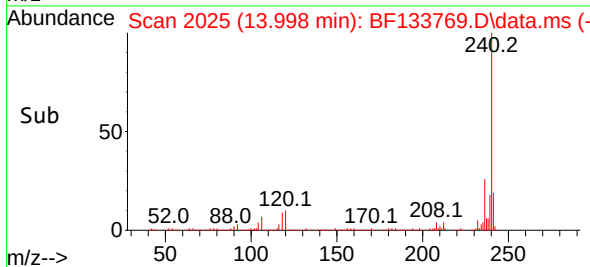
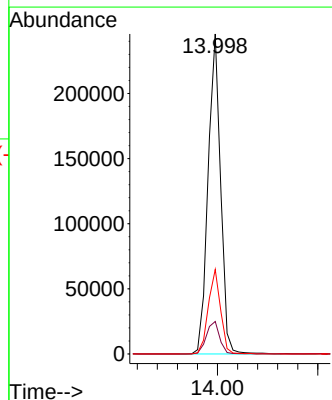
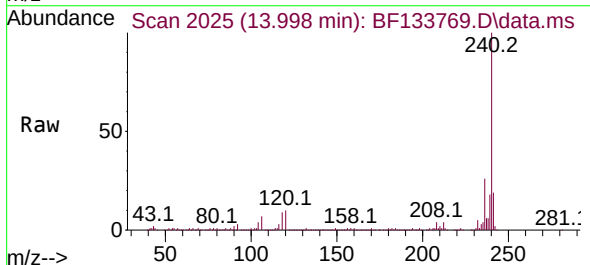
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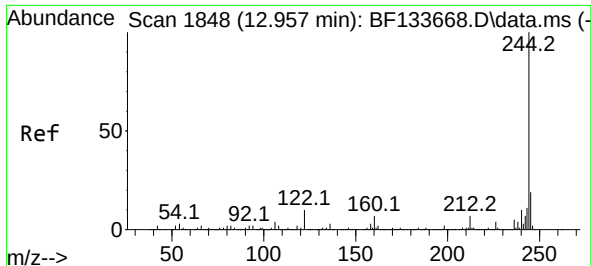
Tgt Ion:188 Resp: 352012
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 9.1 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF133769.D
Acq: 15 Jun 2023 11:54

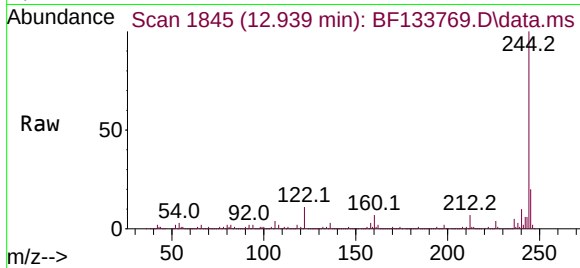
Tgt Ion:240 Resp: 213660
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 26.4 20.5 30.7



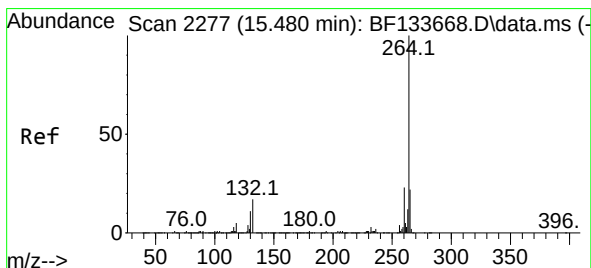
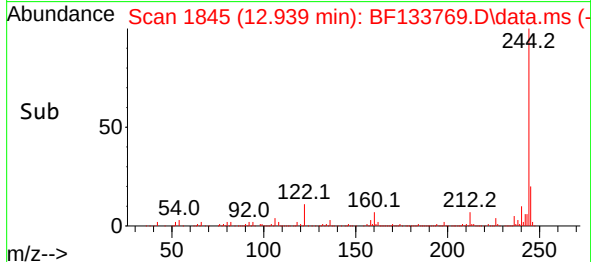
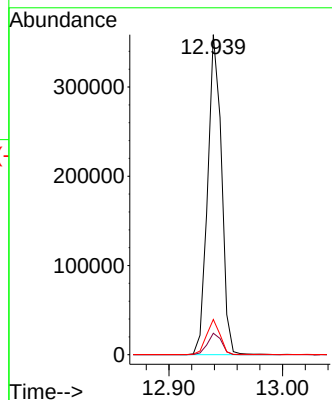


#79
 Terphenyl-d14
 Concen: 21.904 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF133769.D
 Acq: 15 Jun 2023 11:54

Instrument :
 BNA_F
 ClientSampleId :
 RE137-CARBON-20230609



Tgt Ion:244 Resp: 302456
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.0 8.1 12.1



#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

