

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
 Data File : BF133369.D
 Acq On : 12 May 2023 15:02
 Operator : CG\JU
 Sample : 02758-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

Quant Time: May 12 16:16:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	170554	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	692966	20.000	ng	-0.01
39) Acenaphthene-d10	9.751	164	354267	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	569292	20.000	ng	0.00
76) Chrysene-d12	13.868	240	417381	20.000	ng	-0.01
86) Perylene-d12	15.286	264	377054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1432593	126.886	ng	0.01
7) Phenol-d6	6.369	99	1960079	139.868	ng	0.00
23) Nitrobenzene-d5	7.286	82	1253560	97.643	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	449716	126.224	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	2294723	108.367	ng	0.00
79) Terphenyl-d14	12.833	244	2472053	102.148	ng	0.00

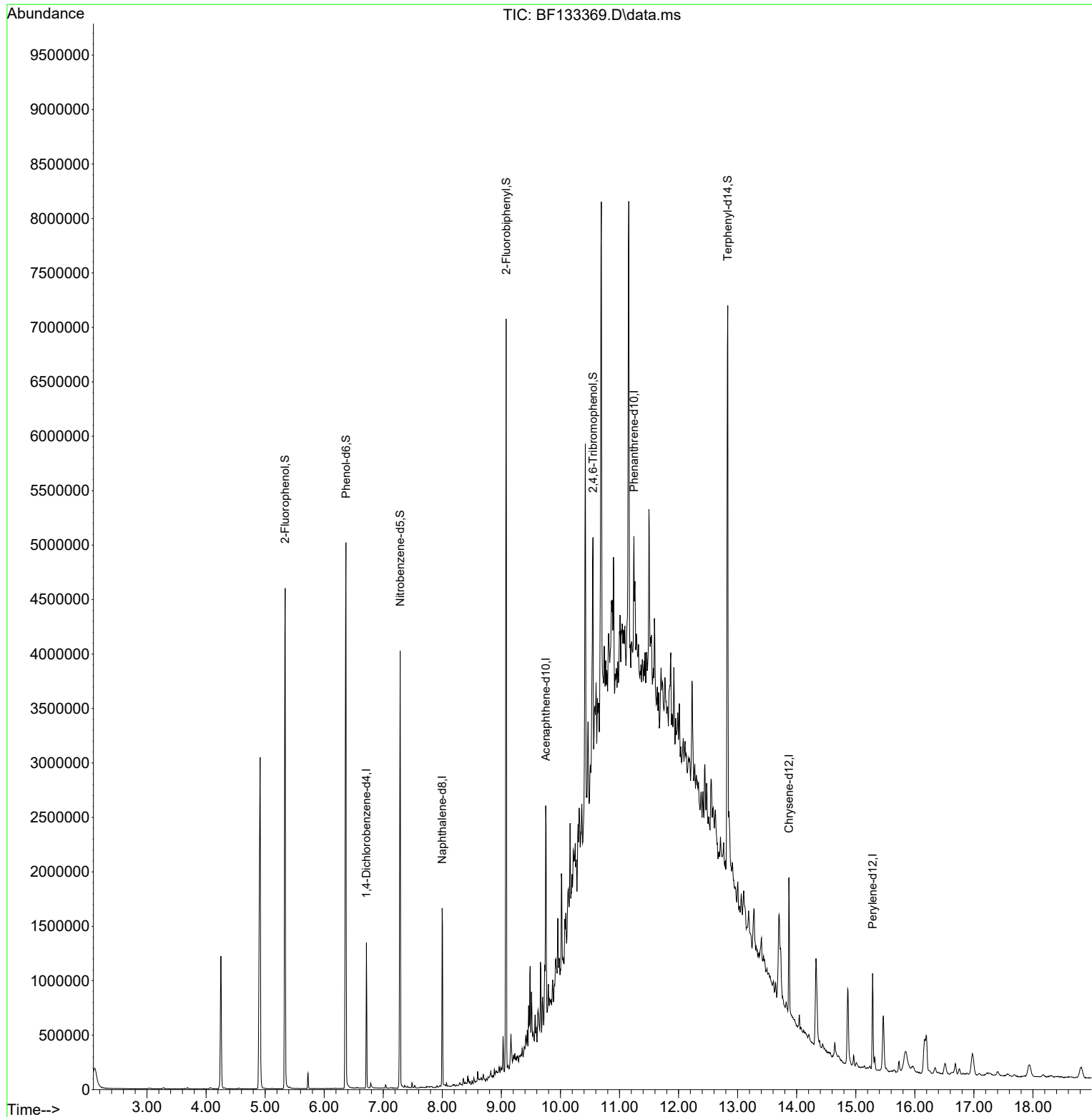
Target Compounds	Qvalue

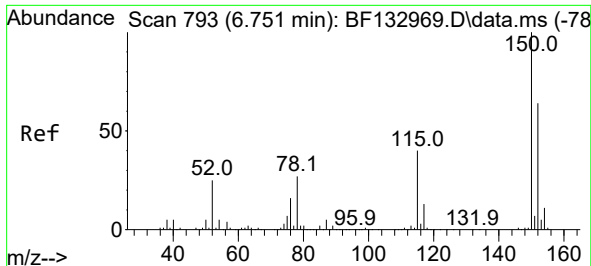
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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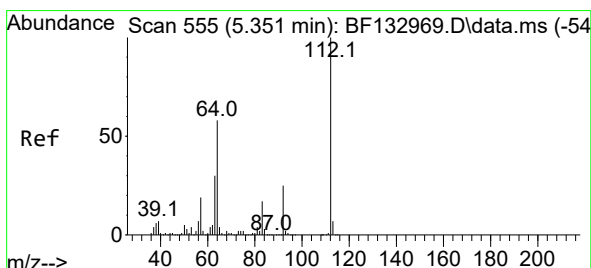
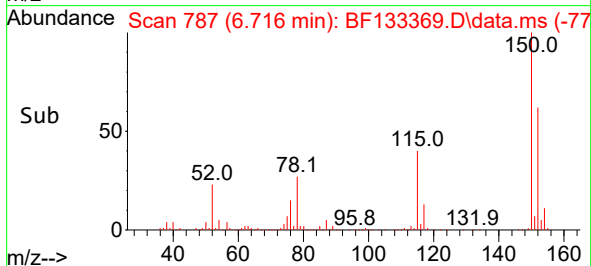
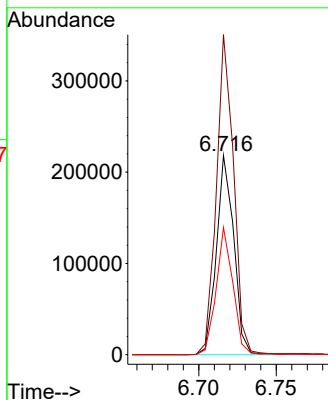
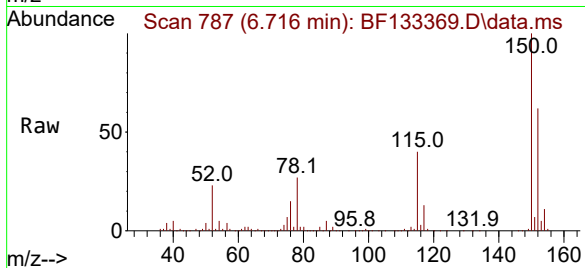




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133369.D
Acq: 12 May 2023 15:02

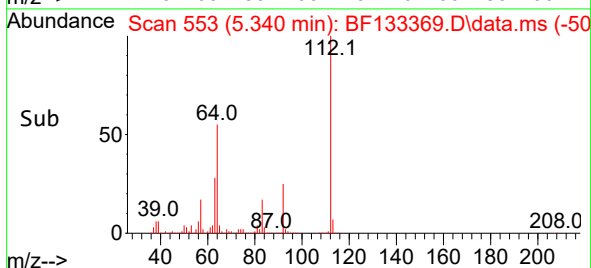
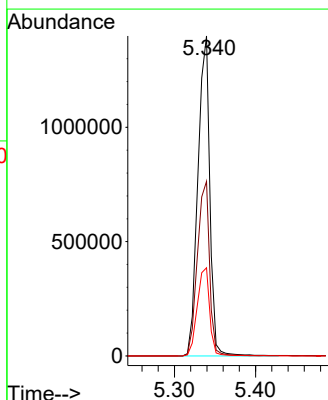
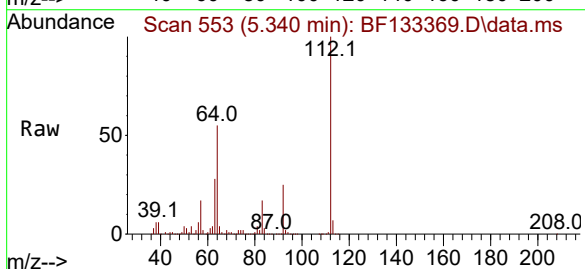
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

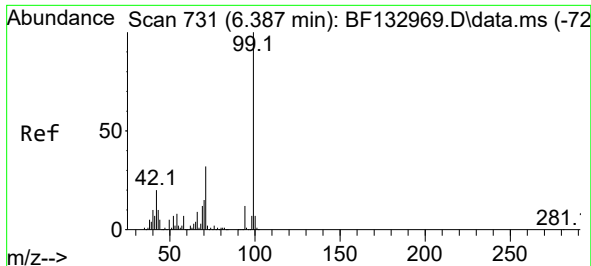
Tgt Ion:152 Resp: 170554
Ion Ratio Lower Upper
152 100
150 160.7 124.8 187.2
115 63.8 49.9 74.9



#5
2-Fluorophenol
Concen: 126.886 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF133369.D
Acq: 12 May 2023 15:02

Tgt Ion:112 Resp: 1432593
Ion Ratio Lower Upper
112 100
64 54.6 46.8 70.2
63 27.6 23.8 35.8

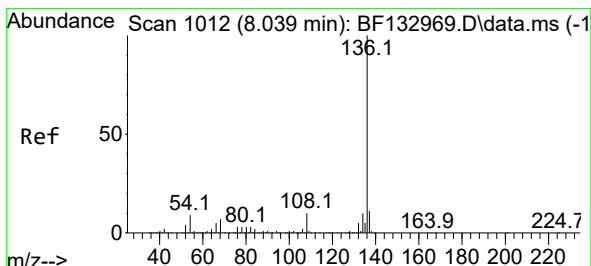
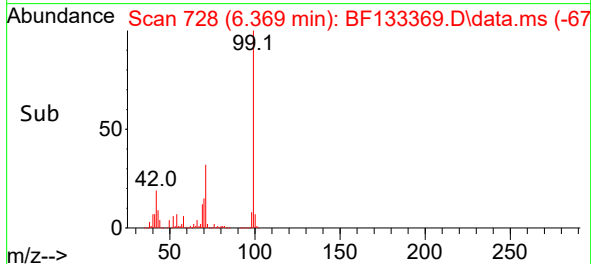
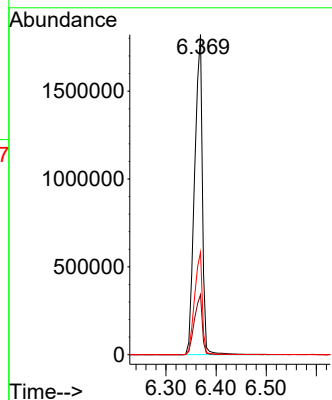
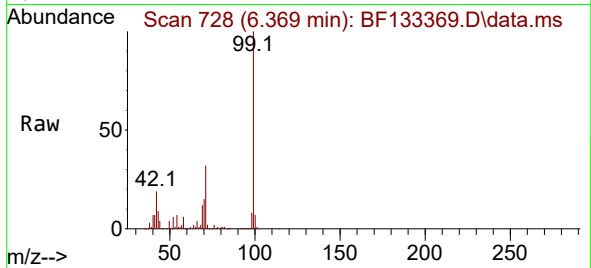




#7
Phenol-d6
Concen: 139.868 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133369.D
Acq: 12 May 2023 15:02

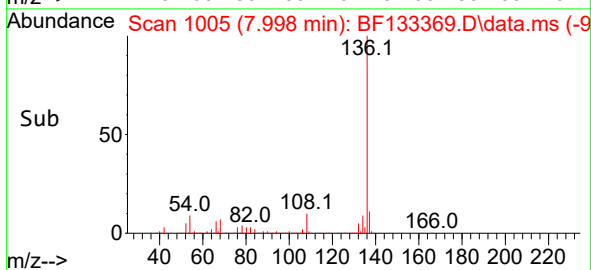
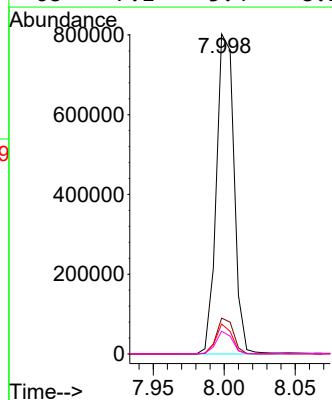
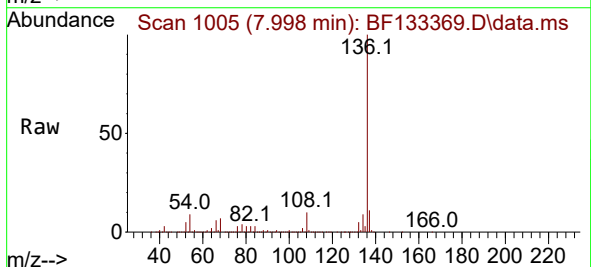
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

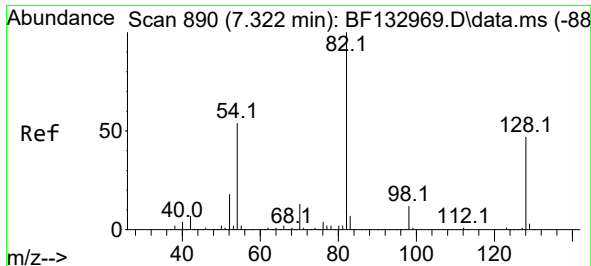
Tgt Ion: 99 Resp: 1960079
Ion Ratio Lower Upper
99 100
42 18.7 16.3 24.5
71 32.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF133369.D
Acq: 12 May 2023 15:02

Tgt Ion: 136 Resp: 692966
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.4 7.0 10.4
68 7.1 5.4 8.2

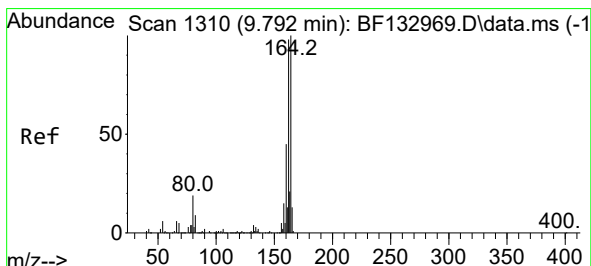
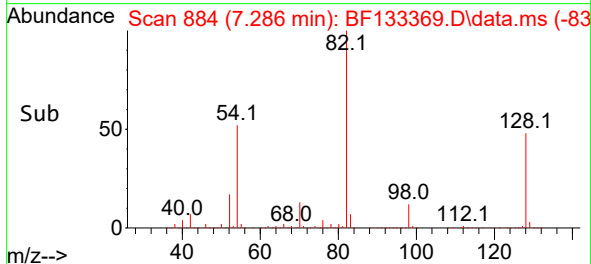
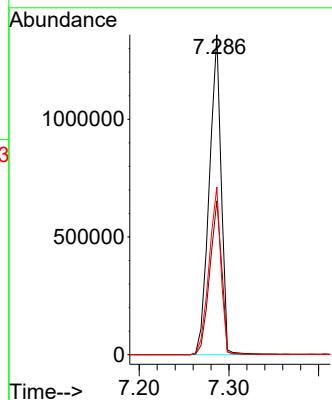
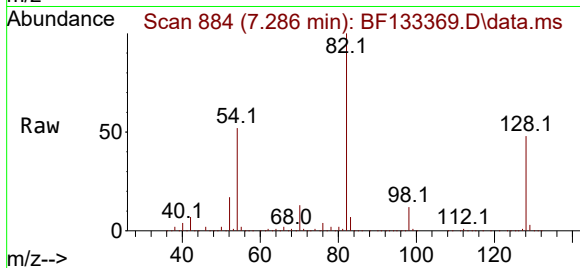




#23
 Nitrobenzene-d5
 Concen: 97.643 ng
 RT: 7.286 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF133369.D
 Acq: 12 May 2023 15:02

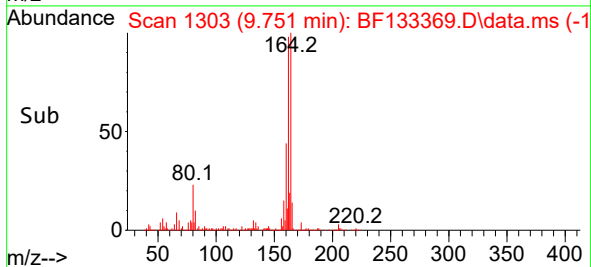
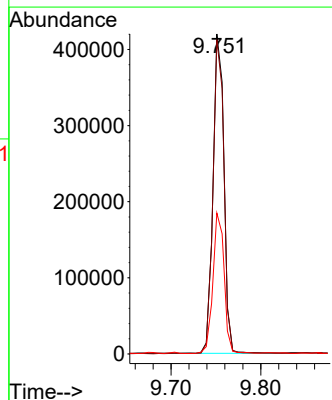
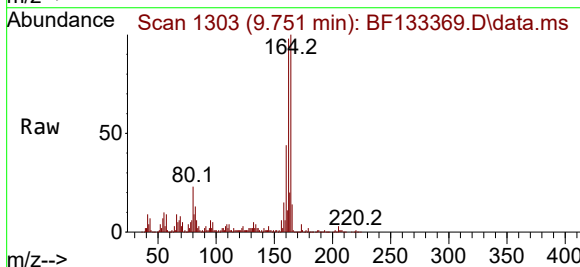
Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

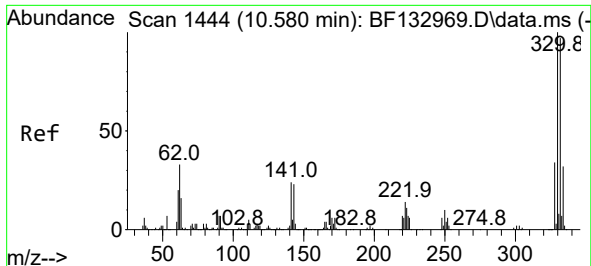
Tgt Ion: 82 Resp: 1253560
 Ion Ratio Lower Upper
 82 100
 128 48.1 37.7 56.5
 54 52.4 43.0 64.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.751 min Scan# 1303
 Delta R.T. -0.006 min
 Lab File: BF133369.D
 Acq: 12 May 2023 15:02

Tgt Ion:164 Resp: 354267
 Ion Ratio Lower Upper
 164 100
 162 98.2 78.7 118.1
 160 44.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 126.224 ng

RT: 10.551 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF133369.D

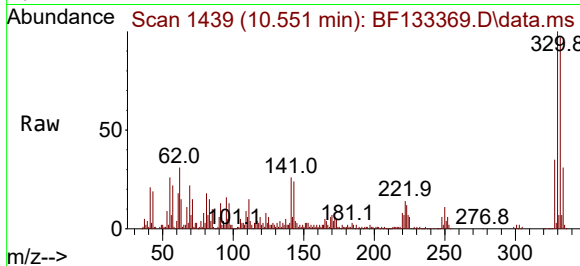
Acq: 12 May 2023 15:02

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1



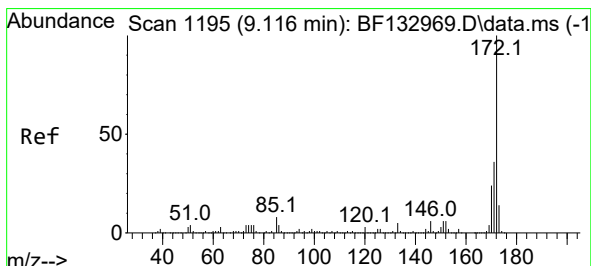
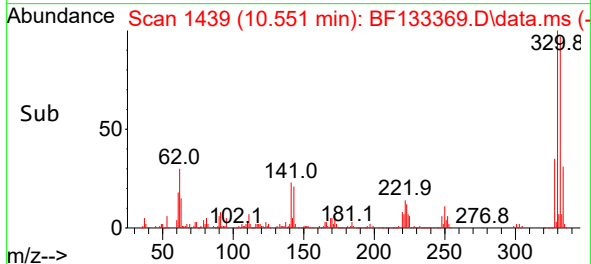
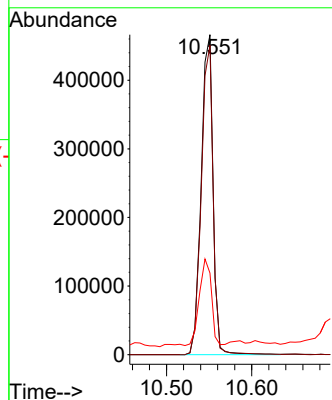
Tgt Ion:330 Resp: 449716

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 27.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 108.367 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF133369.D

Acq: 12 May 2023 15:02

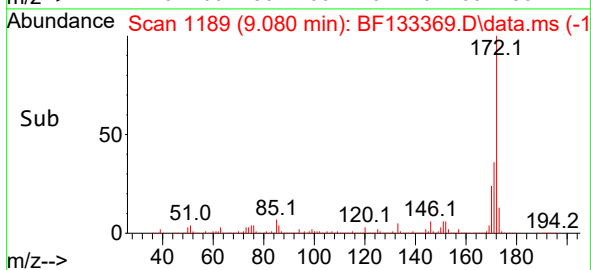
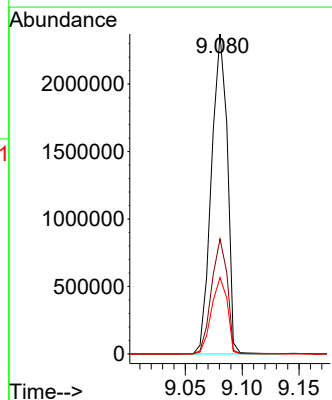
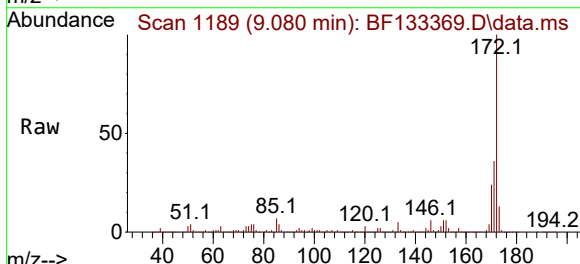
Tgt Ion:172 Resp: 2294723

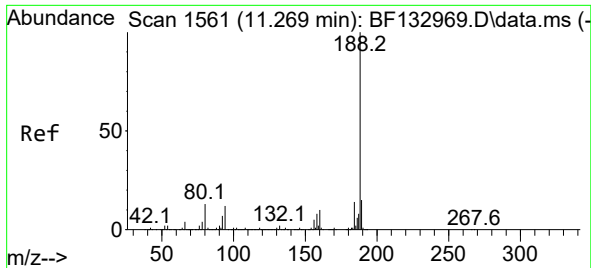
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.9 19.4 29.2

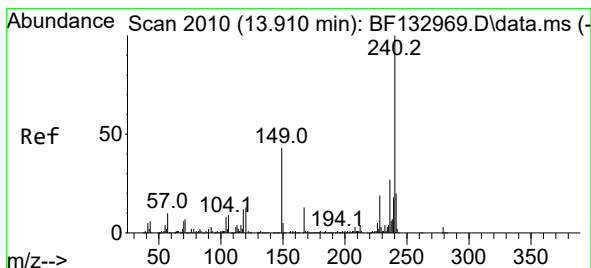
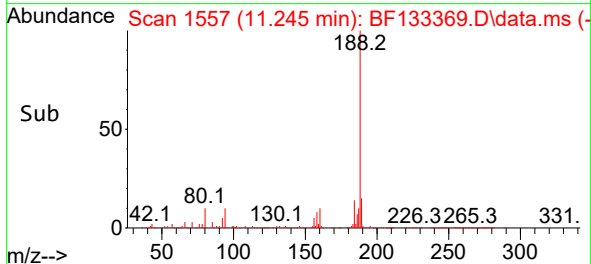
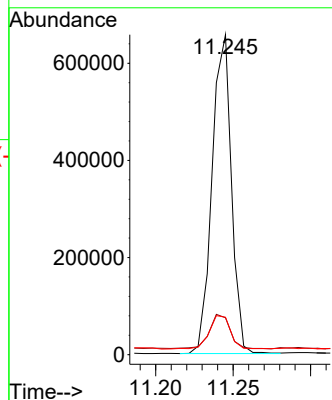
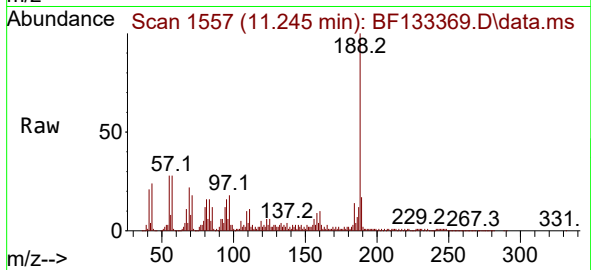




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133369.D
Acq: 12 May 2023 15:02

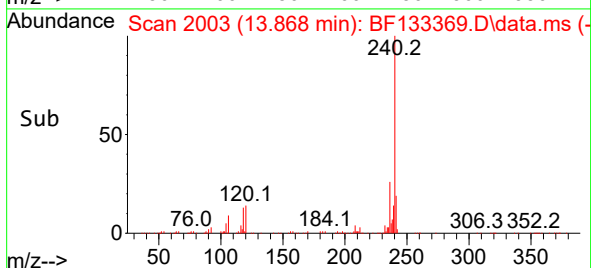
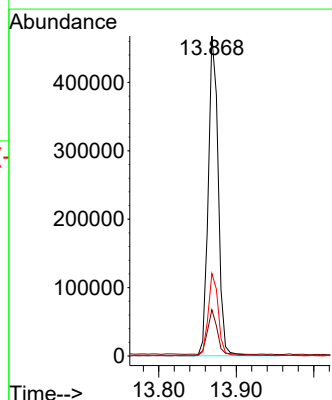
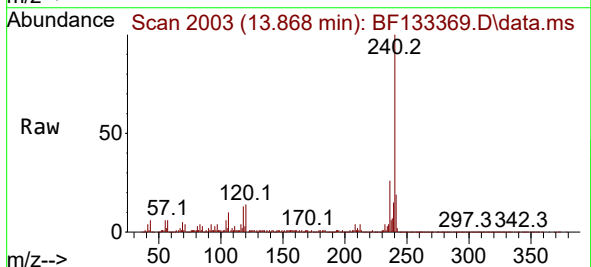
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

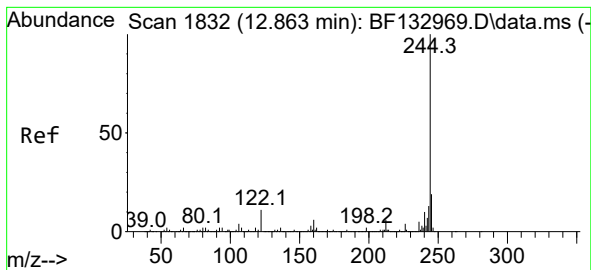
Tgt Ion:188 Resp: 569292
Ion Ratio Lower Upper
188 100
94 11.6 9.7 14.5
80 11.7 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF133369.D
Acq: 12 May 2023 15:02

Tgt Ion:240 Resp: 417381
Ion Ratio Lower Upper
240 100
120 14.4 10.5 15.7
236 25.8 21.5 32.3





#79

Terphenyl-d14

Concen: 102.148 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133369.D

Acq: 12 May 2023 15:02

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

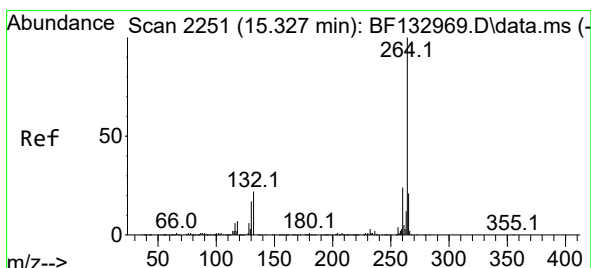
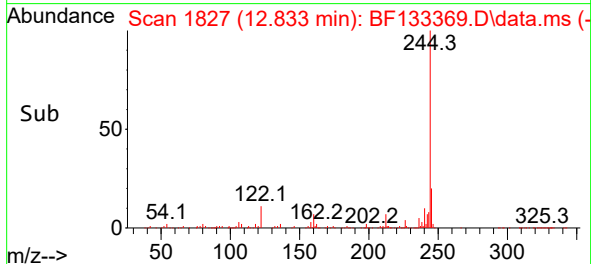
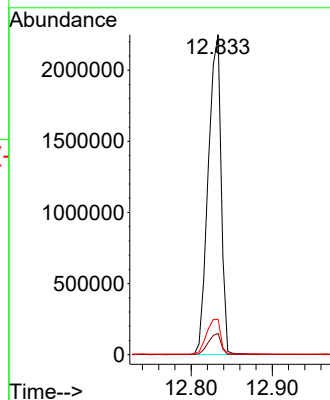
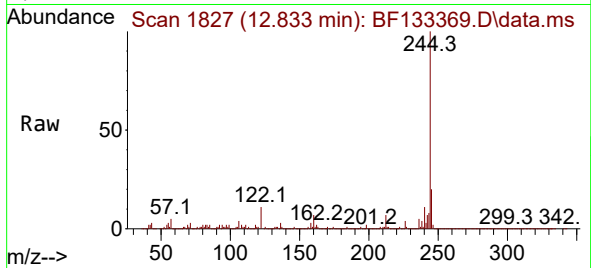
Tgt Ion:244 Resp: 2472053

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 11.1 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.286 min Scan# 2244

Delta R.T. -0.006 min

Lab File: BF133369.D

Acq: 12 May 2023 15:02

Tgt Ion:264 Resp: 377054

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.5 17.0 25.4

