

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133302.D
 Acq On : 08 May 2023 19:08
 Operator : CG\JU
 Sample : 02660-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-SAMPLE-API-3-5

Quant Time: May 09 05:07:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	201190	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	787042	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	399185	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	646522	20.000	ng	0.00
76) Chrysene-d12	13.874	240	339987	20.000	ng	0.00
86) Perylene-d12	15.292	264	409560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	796231	59.784	ng	0.00
7) Phenol-d6	6.357	99	579163	35.035	ng	-0.01
23) Nitrobenzene-d5	7.287	82	1296660	88.927	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	489998	122.055	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2156377	90.375	ng	0.00
79) Terphenyl-d14	12.827	244	1787910	90.696	ng	0.00

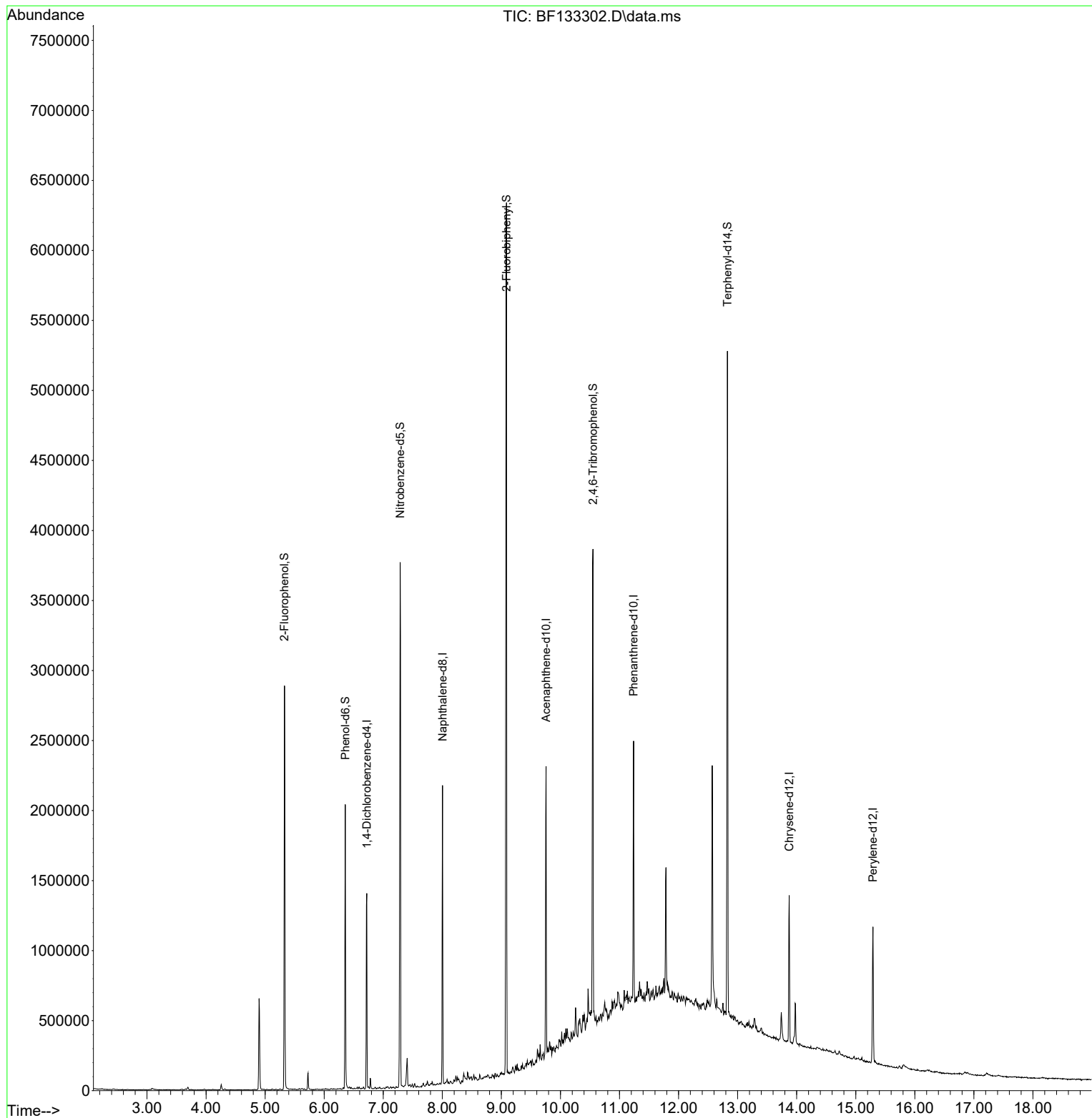
Target Compounds Qvalue

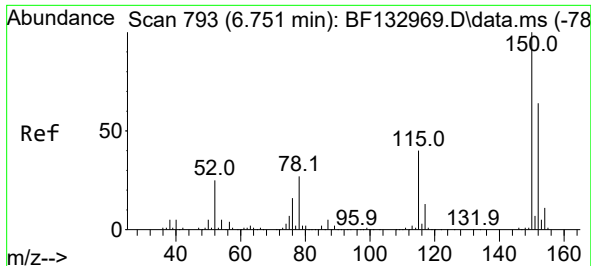
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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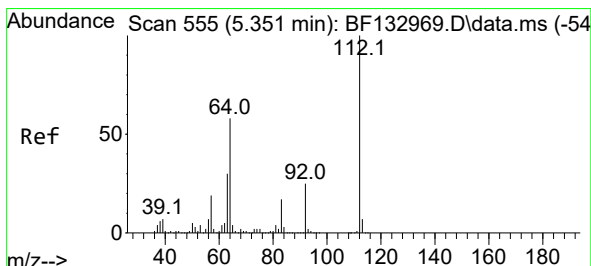
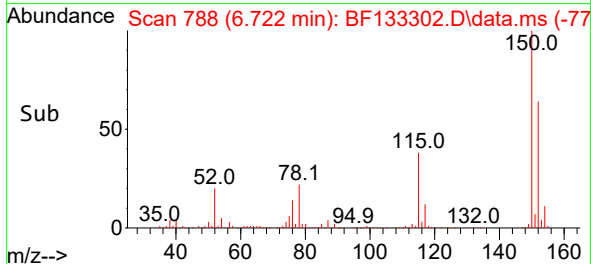
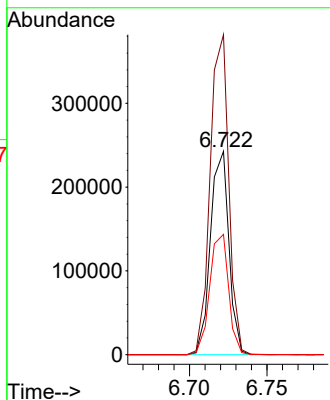
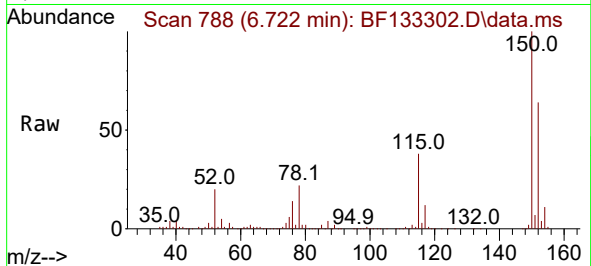




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133302.D
 Acq: 08 May 2023 19:08

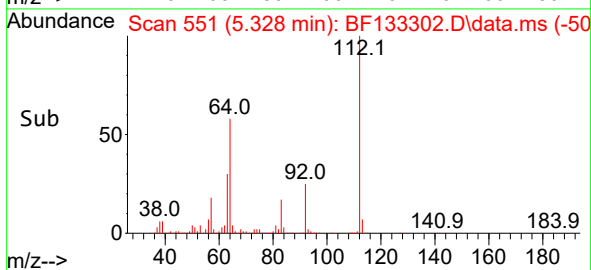
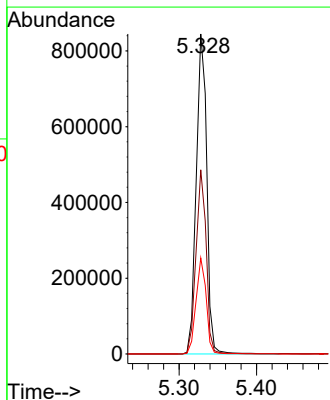
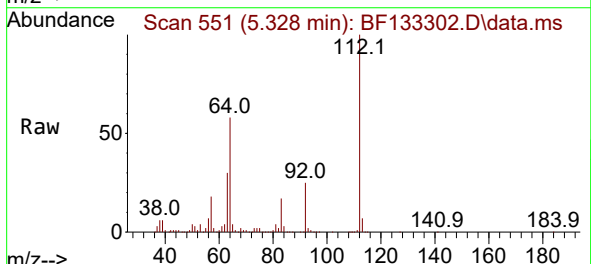
Instrument :
 BNA_F
 ClientSampleId :
 WATER-SAMPLE-API-3-5

Tgt Ion:152 Resp: 201190
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.8 187.2
 115 59.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 59.784 ng
 RT: 5.328 min Scan# 551
 Delta R.T. 0.000 min
 Lab File: BF133302.D
 Acq: 08 May 2023 19:08

Tgt Ion:112 Resp: 796231
 Ion Ratio Lower Upper
 112 100
 64 57.5 46.8 70.2
 63 30.0 23.8 35.8

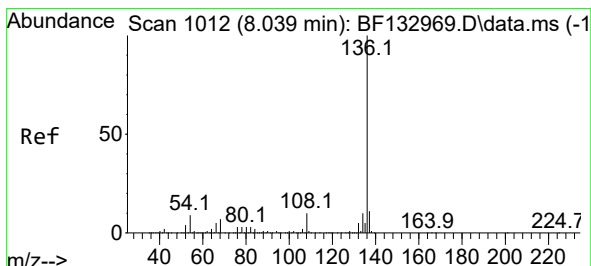
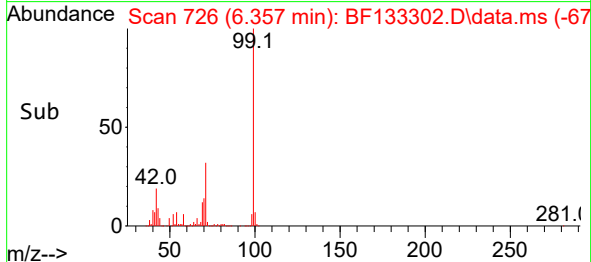
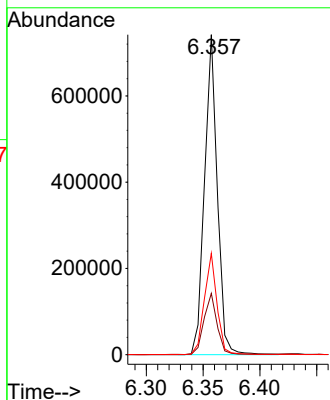
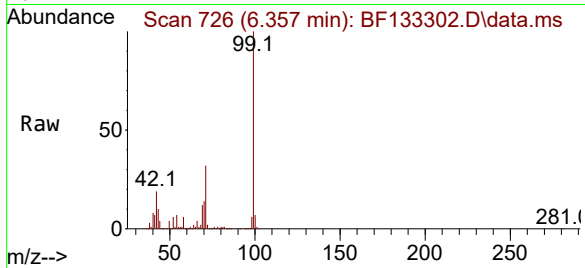




#7
Phenol-d6
Concen: 35.035 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133302.D
Acq: 08 May 2023 19:08

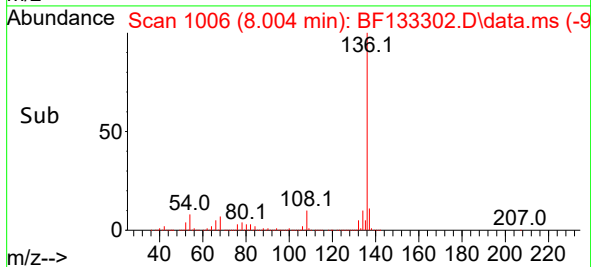
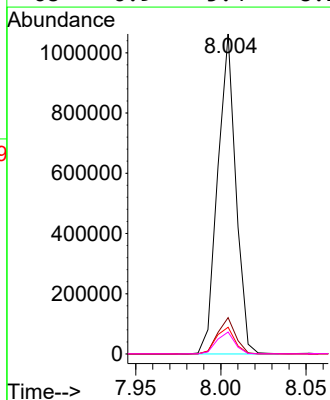
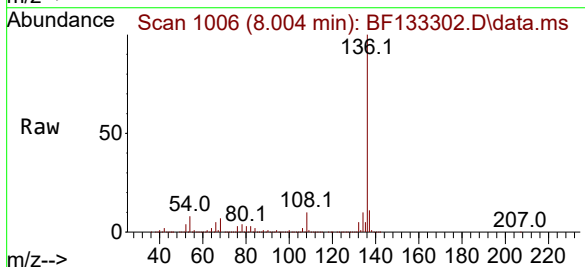
Instrument :
BNA_F
ClientSampleId :
WATER-SAMPLE-API-3-5

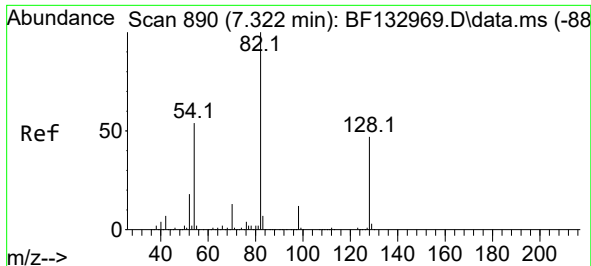
Tgt Ion: 99 Resp: 579163
Ion Ratio Lower Upper
99 100
42 19.2 16.3 24.5
71 31.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133302.D
Acq: 08 May 2023 19:08

Tgt Ion: 136 Resp: 787042
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.4 7.0 10.4
68 6.9 5.4 8.2





#23

Nitrobenzene-d5

Concen: 88.927 ng

RT: 7.287 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133302.D

Acq: 08 May 2023 19:08

Instrument :

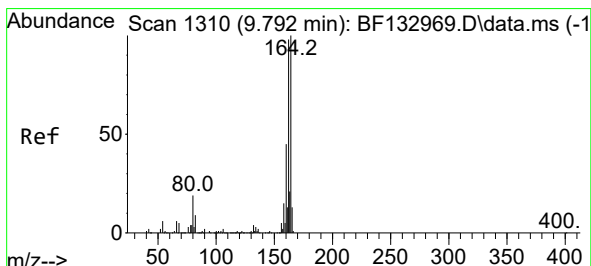
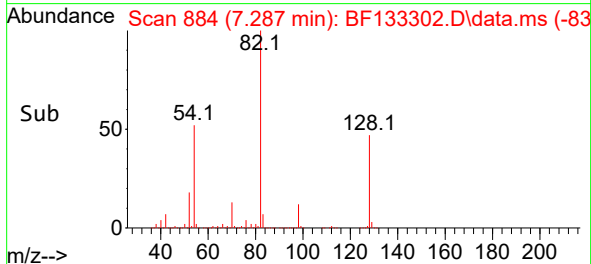
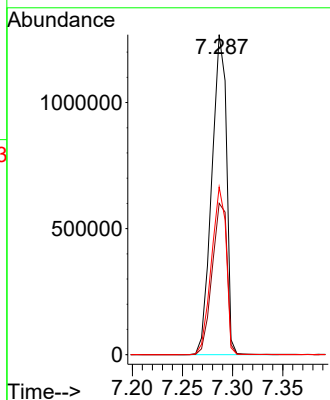
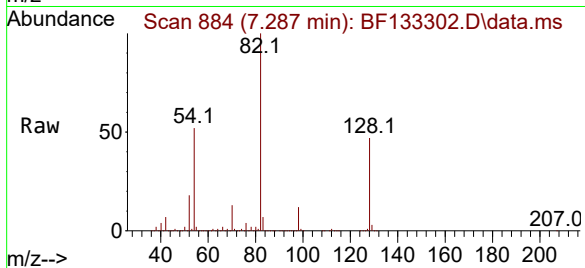
BNA_F

ClientSampleId :

WATER-SAMPLE-API-3-5

Tgt Ion: 82 Resp: 1296660

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.7	56.5
54	52.4	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

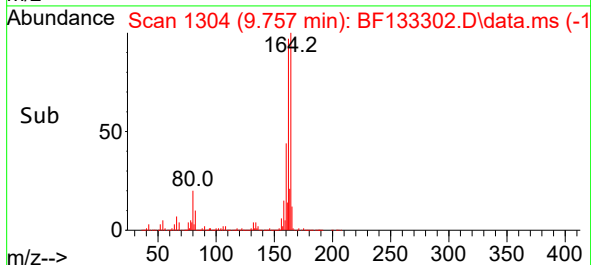
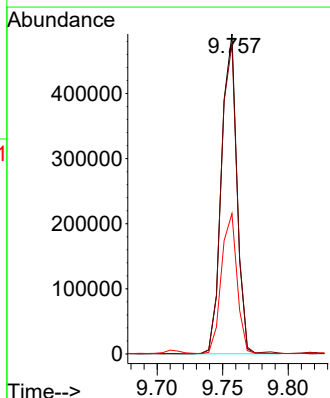
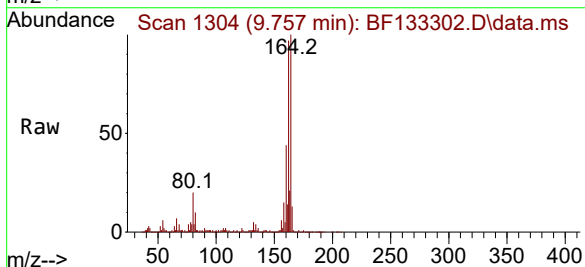
Delta R.T. -0.006 min

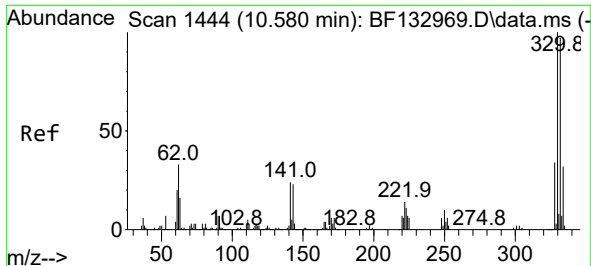
Lab File: BF133302.D

Acq: 08 May 2023 19:08

Tgt Ion: 164 Resp: 399185

Ion	Ratio	Lower	Upper
164	100		
162	97.0	78.7	118.1
160	43.8	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 122.055 ng

RT: 10.551 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF133302.D

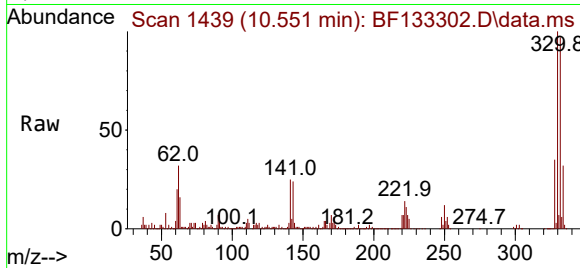
Acq: 08 May 2023 19:08

Instrument :

BNA_F

ClientSampleId :

WATER-SAMPLE-API-3-5



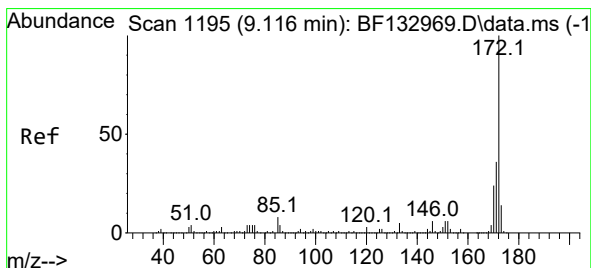
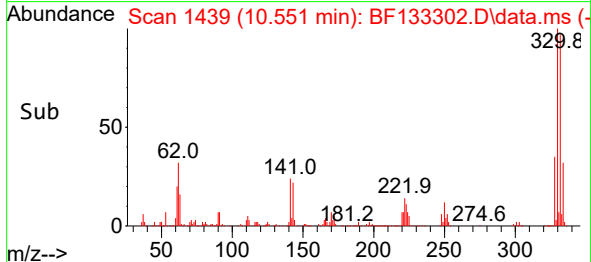
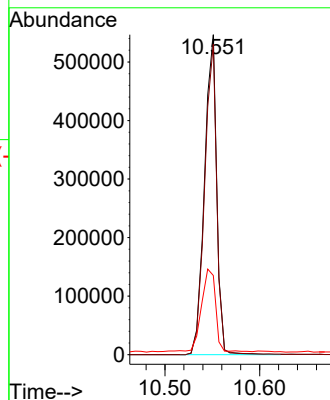
Tgt Ion:330 Resp: 489998

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 30.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 90.375 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF133302.D

Acq: 08 May 2023 19:08

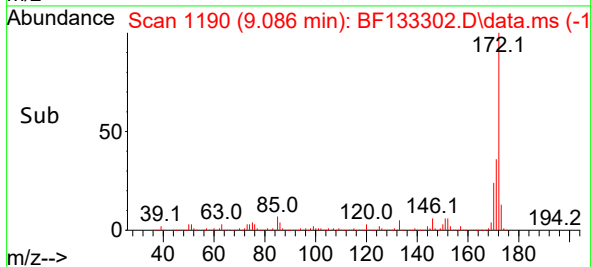
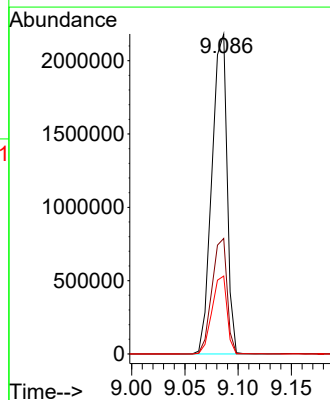
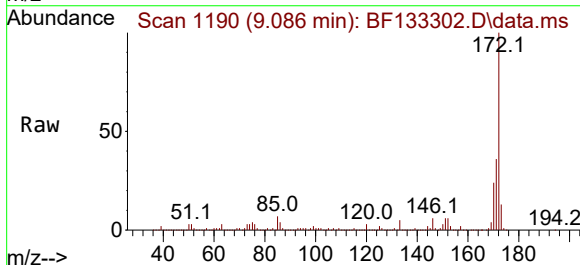
Tgt Ion:172 Resp: 2156377

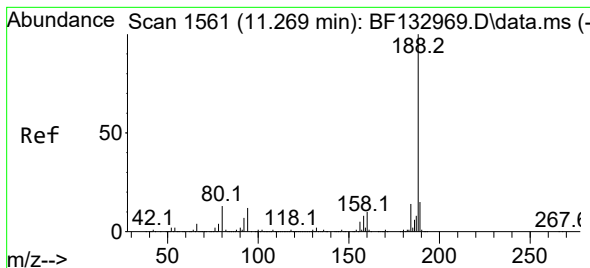
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.4 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133302.D

Acq: 08 May 2023 19:08

Instrument :

BNA_F

ClientSampleId :

WATER-SAMPLE-API-3-5

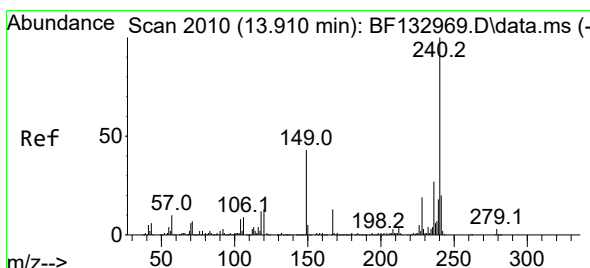
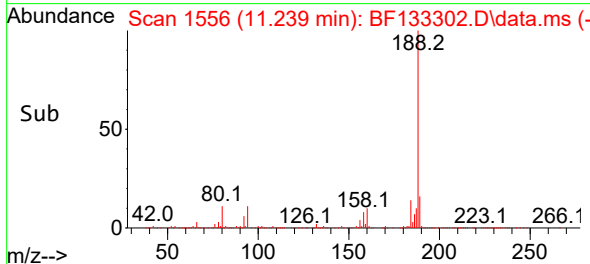
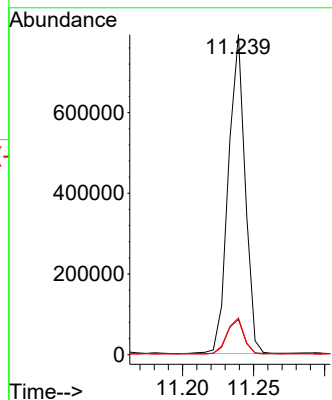
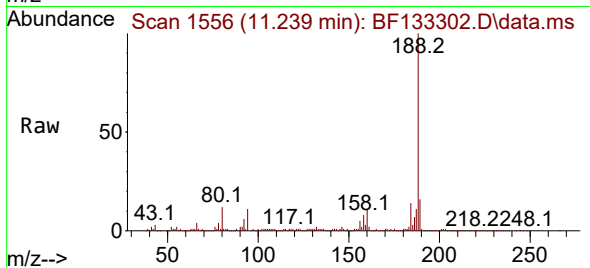
Tgt Ion:188 Resp: 646522

Ion Ratio Lower Upper

188 100

94 11.0 9.7 14.5

80 11.5 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BF133302.D

Acq: 08 May 2023 19:08

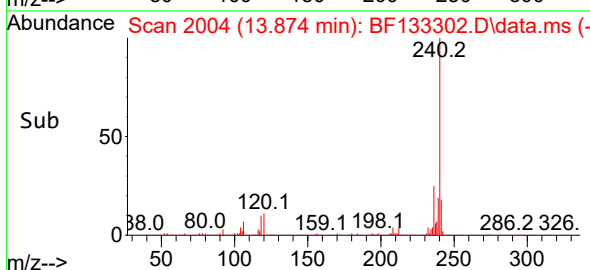
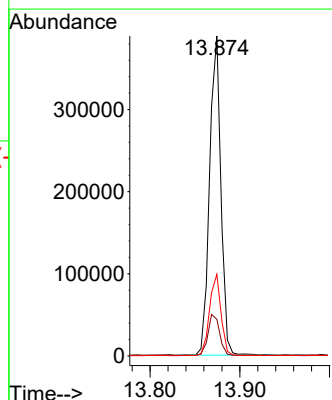
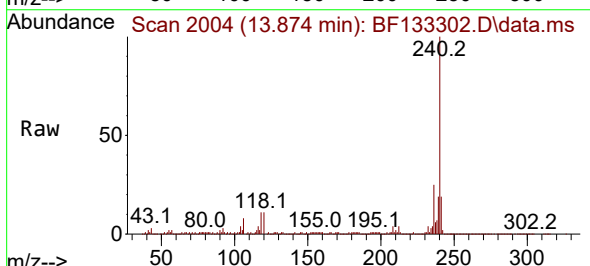
Tgt Ion:240 Resp: 339987

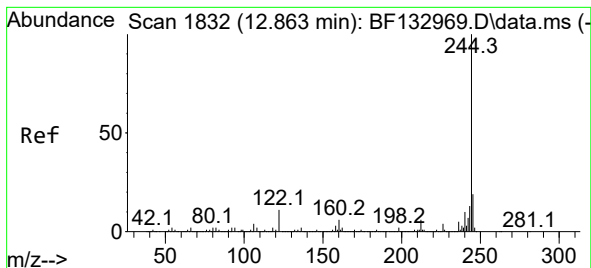
Ion Ratio Lower Upper

240 100

120 11.4 10.5 15.7

236 25.5 21.5 32.3





#79

Terphenyl-d14

Concen: 90.696 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF133302.D

Acq: 08 May 2023 19:08

Instrument :

BNA_F

ClientSampleId :

WATER-SAMPLE-API-3-5

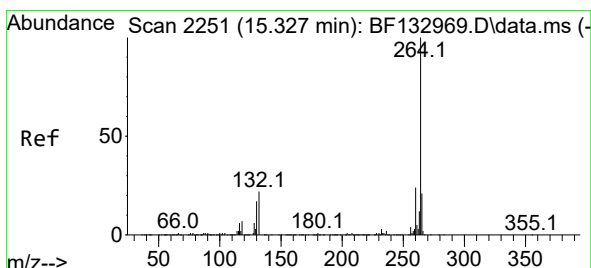
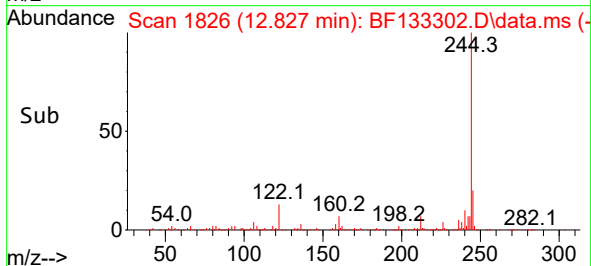
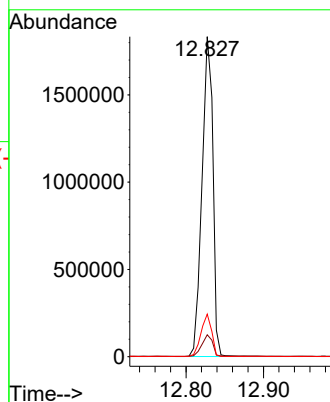
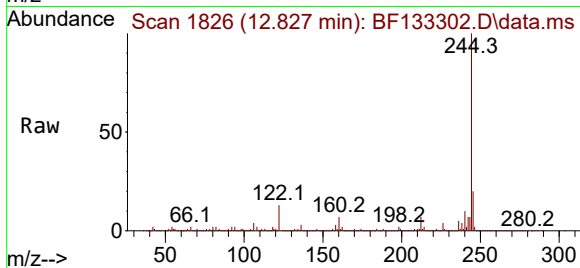
Tgt Ion:244 Resp: 1787910

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 13.3 8.6 13.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF133302.D

Acq: 08 May 2023 19:08

Tgt Ion:264 Resp: 409560

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 22.0 17.0 25.4

