

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132764.D
 Acq On : 13 Mar 2023 17:16
 Operator : CG\JU
 Sample : 01870-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAW-WATER

Quant Time: Mar 14 01:32:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	209635	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	794478	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	445639	20.000	ng	-0.01
64) Phenanthrene-d10	11.504	188	929109	20.000	ng	0.00
76) Chrysene-d12	14.157	240	522913	20.000	ng	#-0.01
86) Perylene-d12	15.692	264	480259	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	642913	49.774	ng	0.00
7) Phenol-d6	6.593	99	496274	29.439	ng	-0.02
23) Nitrobenzene-d5	7.534	82	1217934	72.732	ng	-0.01
42) 2,4,6-Tribromophenol	10.810	330	589166	122.419	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	2044582	69.859	ng	0.00
79) Terphenyl-d14	13.098	244	2906507	93.977	ng	0.00

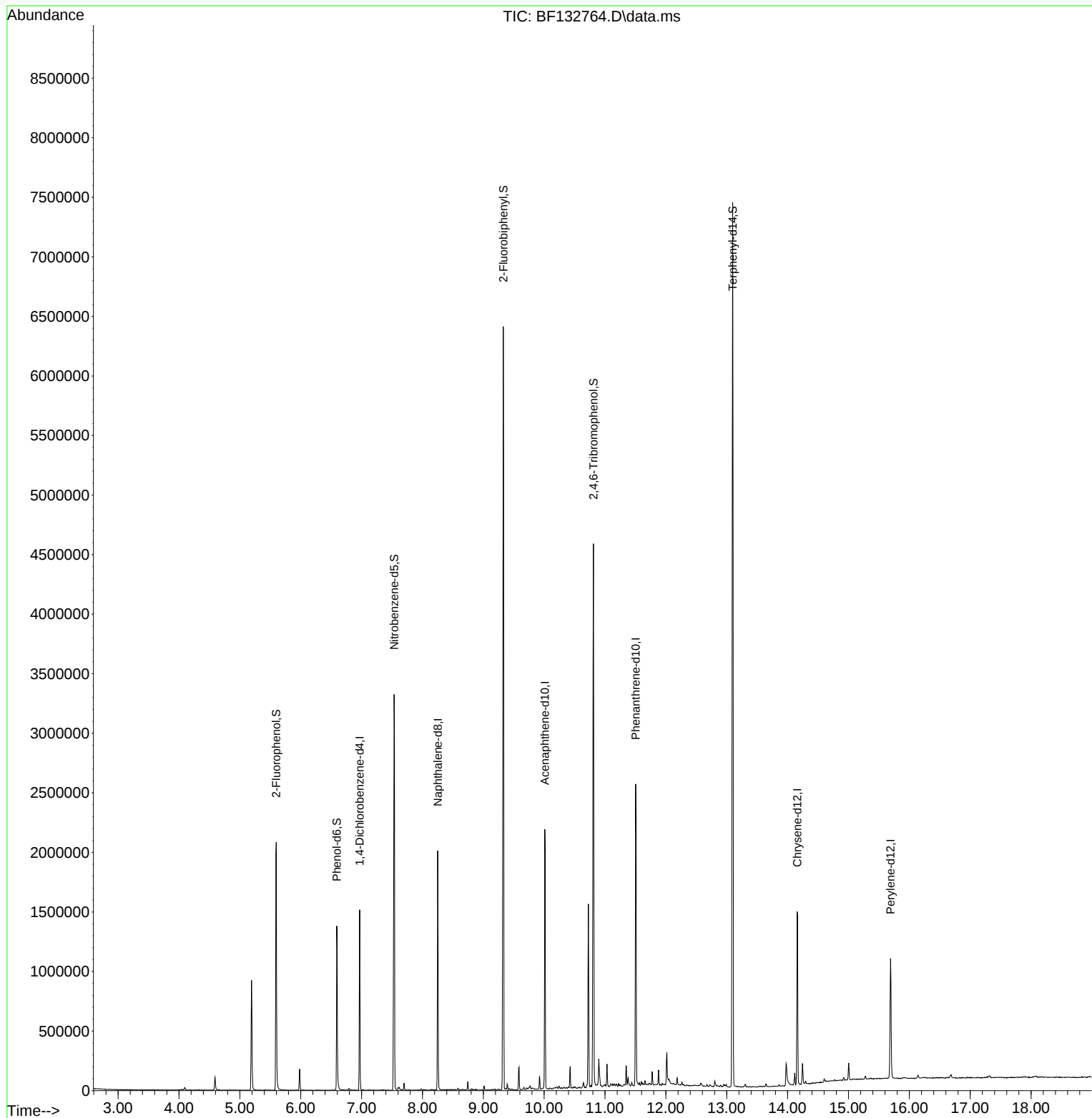
Target Compounds Qvalue

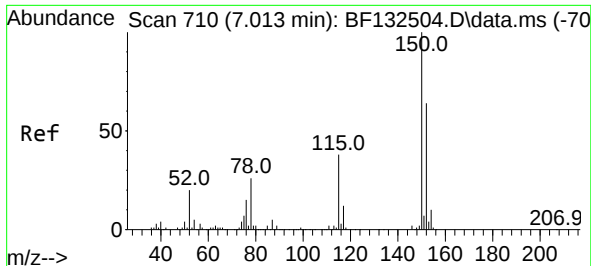
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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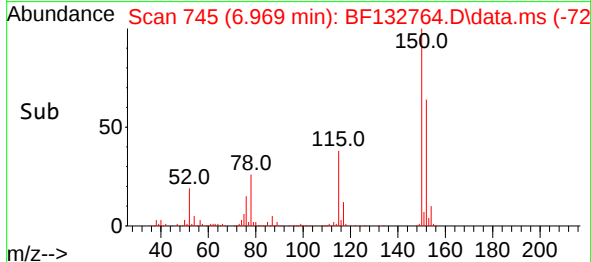
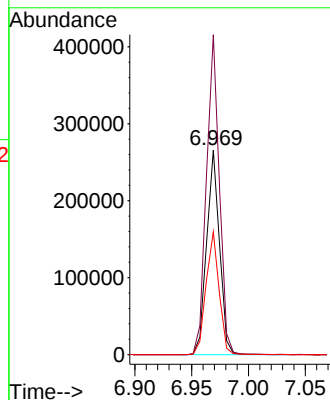
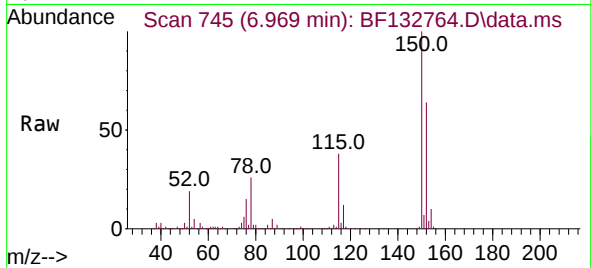




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132764.D
Acq: 13 Mar 2023 17:16

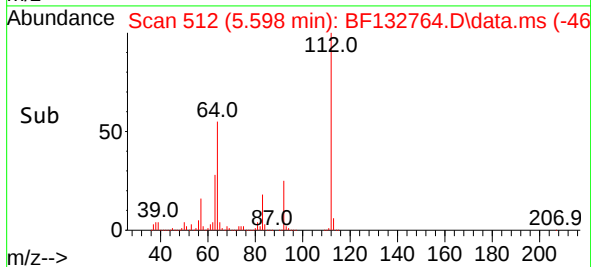
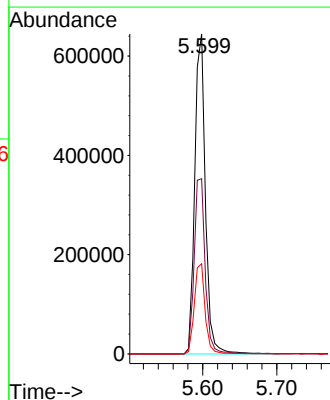
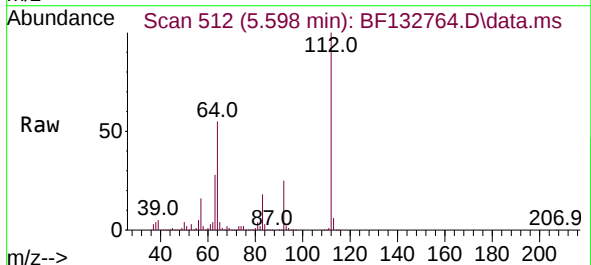
Instrument :
BNA_F
ClientSampleId :
RAW-WATER

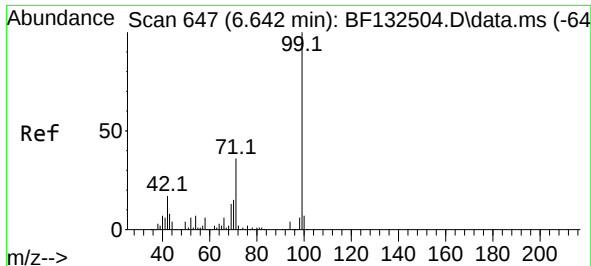
Tgt Ion:152 Resp: 209635
Ion Ratio Lower Upper
152 100
150 156.4 125.4 188.2
115 60.1 47.8 71.6



#5
2-Fluorophenol
Concen: 49.774 ng
RT: 5.598 min Scan# 512
Delta R.T. 0.000 min
Lab File: BF132764.D
Acq: 13 Mar 2023 17:16

Tgt Ion:112 Resp: 642913
Ion Ratio Lower Upper
112 100
64 54.7 51.6 77.4
63 28.2 27.4 41.2

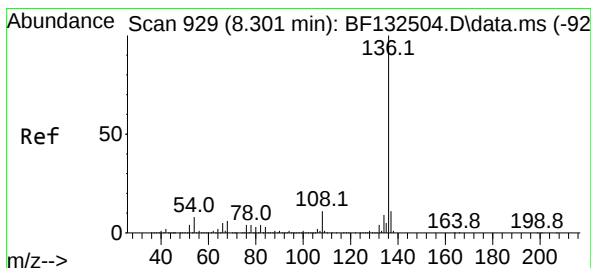
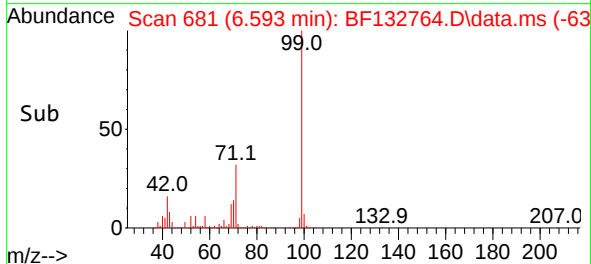
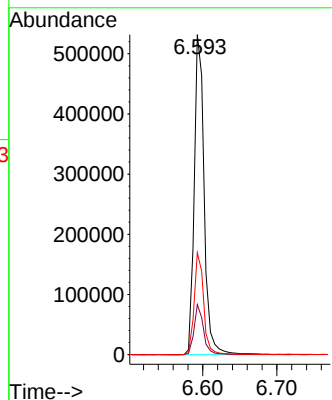
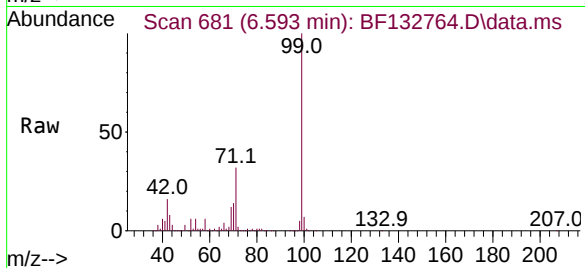




#7
Phenol-d6
Concen: 29.439 ng
RT: 6.593 min Scan# 681
Delta R.T. -0.018 min
Lab File: BF132764.D
Acq: 13 Mar 2023 17:16

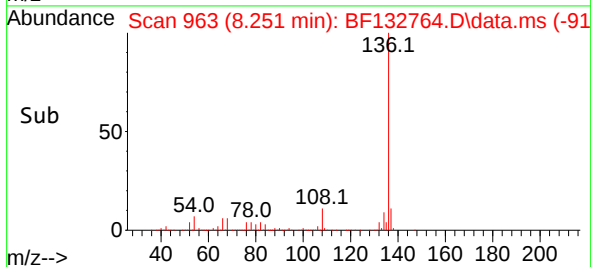
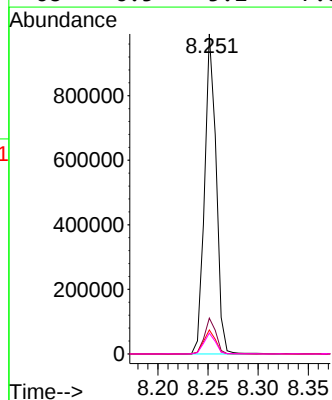
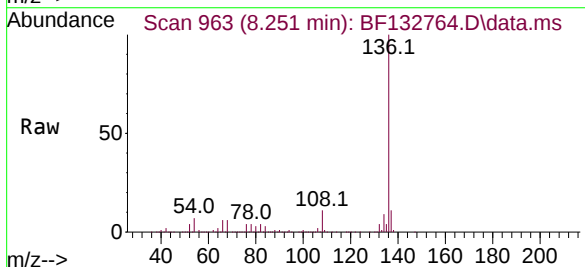
Instrument :
BNA_F
ClientSampleId :
RAW-WATER

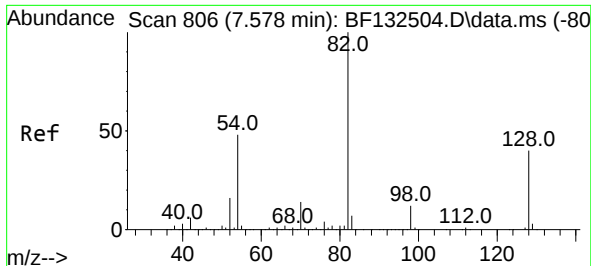
Tgt Ion: 99 Resp: 496274
Ion Ratio Lower Upper
99 100
42 15.6 13.9 20.9
71 31.8 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF132764.D
Acq: 13 Mar 2023 17:16

Tgt Ion: 136 Resp: 794478
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.5 6.2 9.4
68 6.5 5.2 7.8

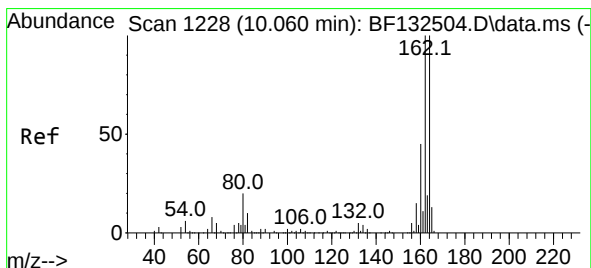
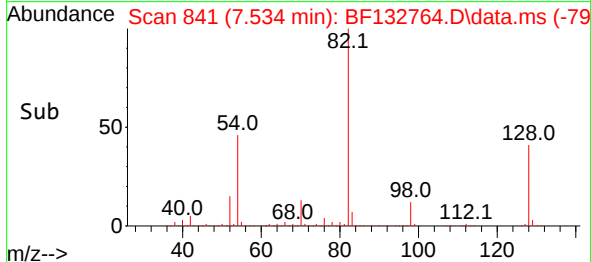
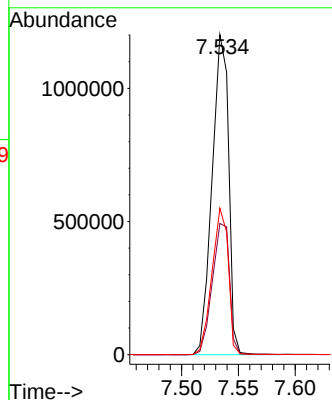
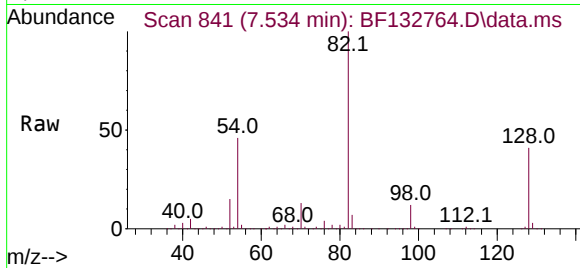




#23
Nitrobenzene-d5
Concen: 72.732 ng
RT: 7.534 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF132764.D
Acq: 13 Mar 2023 17:16

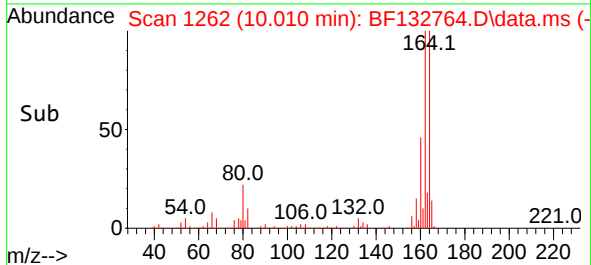
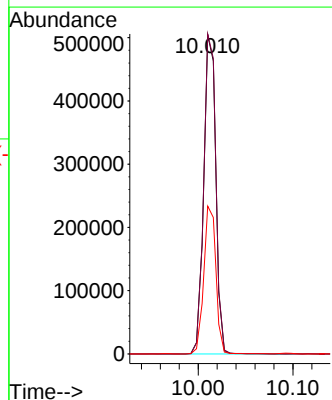
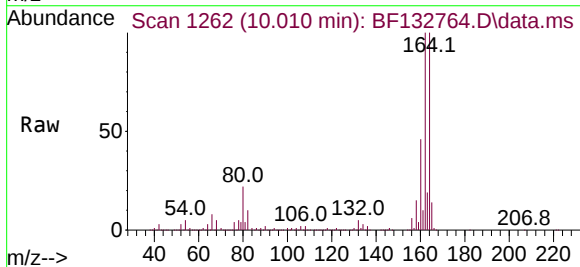
Instrument :
BNA_F
ClientSampleId :
RAW-WATER

Tgt Ion: 82 Resp: 1217934
Ion Ratio Lower Upper
82 100
128 41.0 32.2 48.2
54 45.8 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1262
Delta R.T. -0.012 min
Lab File: BF132764.D
Acq: 13 Mar 2023 17:16

Tgt Ion:164 Resp: 445639
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 46.4 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 122.419 ng

RT: 10.810 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132764.D

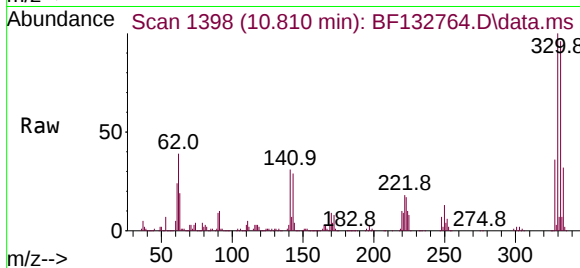
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Instrument :

BNA_F

ClientSampleId :

RAW-WATER



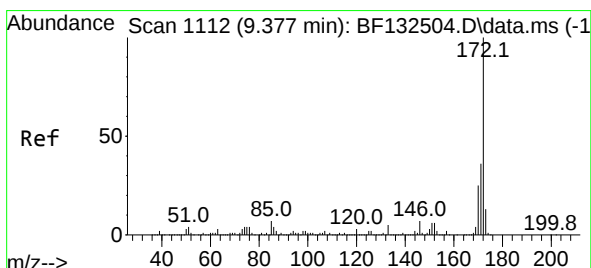
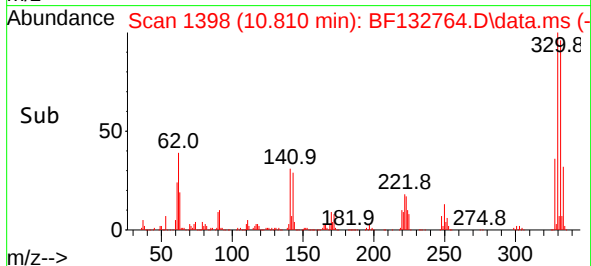
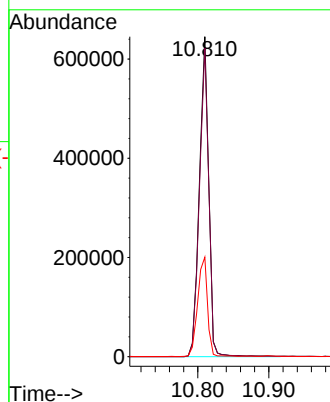
Tgt Ion:330 Resp: 589166

Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

141 32.7 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 69.859 ng

RT: 9.328 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132764.D

Acq: 13 Mar 2023 17:16

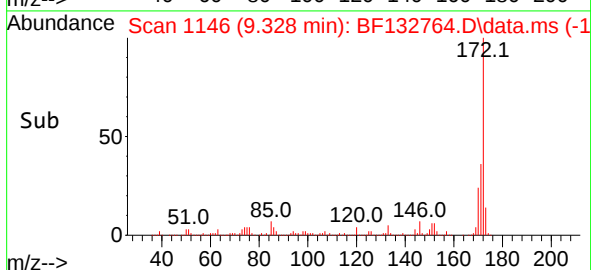
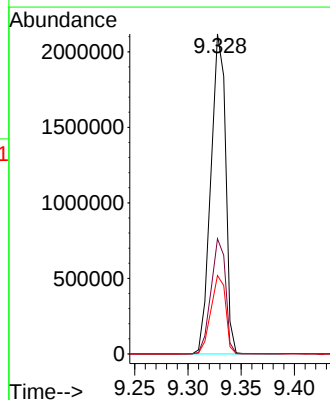
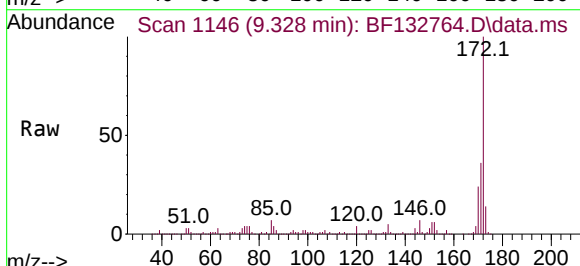
Tgt Ion:172 Resp: 2044582

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.5 19.7 29.5

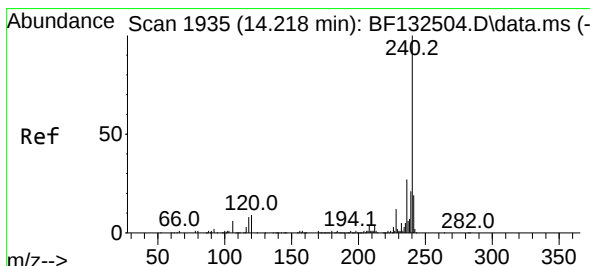
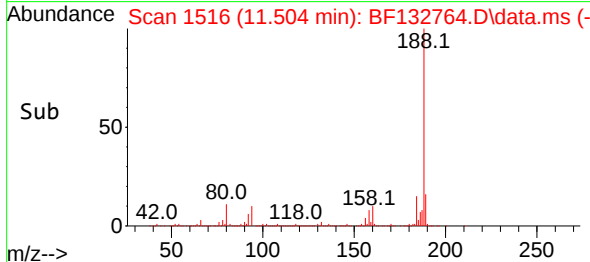
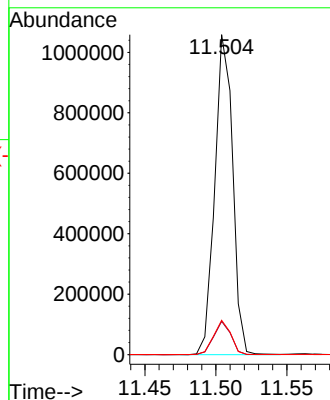
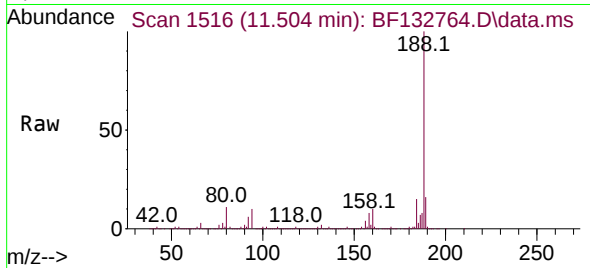




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132764.D
Acq: 13 Mar 2023 17:16

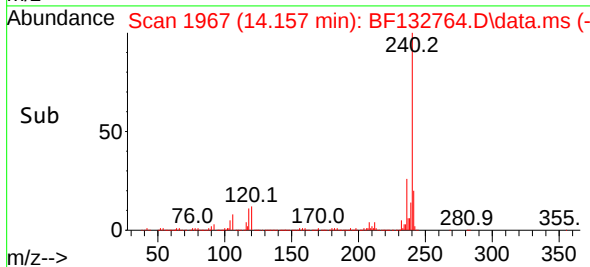
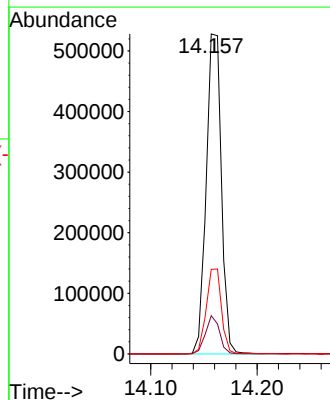
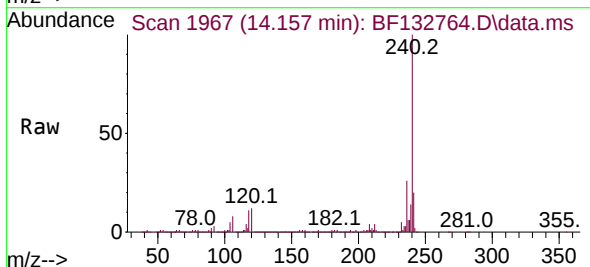
Instrument :
BNA_F
ClientSampleId :
RAW-WATER

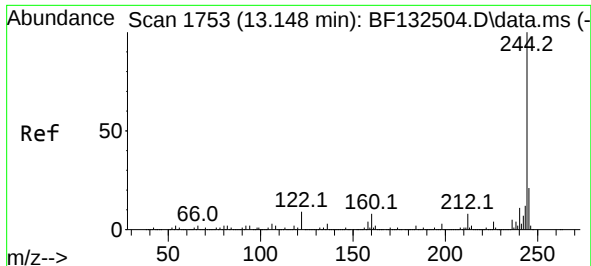
Tgt Ion:188 Resp: 929109
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 10.7 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BF132764.D
Acq: 13 Mar 2023 17:16

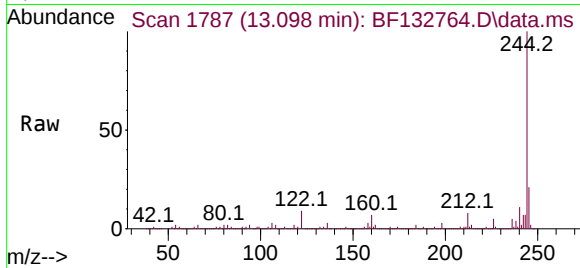
Tgt Ion:240 Resp: 522913
Ion Ratio Lower Upper
240 100
120 12.0 7.2 10.8#
236 26.4 21.8 32.6



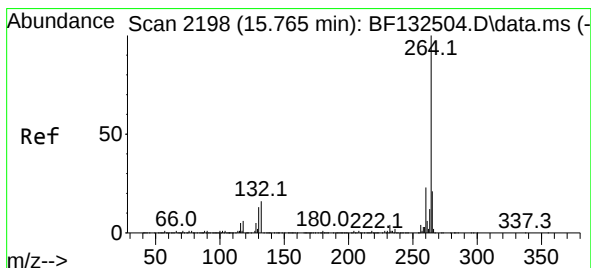
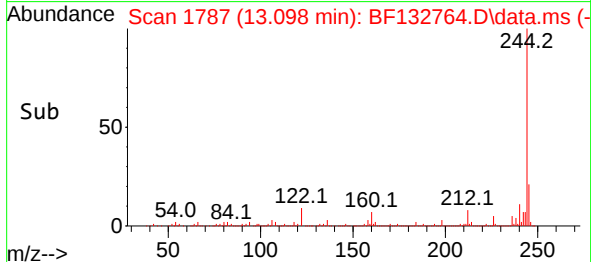
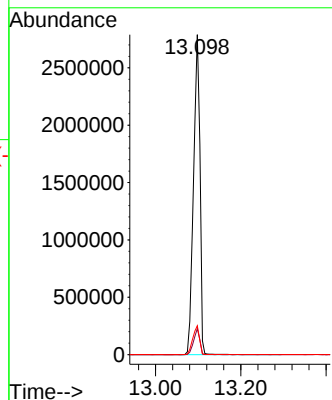


#79
 Terphenyl-d14
 Concen: 93.977 ng
 RT: 13.098 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132764.D
 Acq: 13 Mar 2023 17:16

Instrument :
 BNA_F
 ClientSampleId :
 RAW-WATER



Tgt Ion:244 Resp: 2906507
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 9.0 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 2228
 Delta R.T. -0.006 min
 Lab File: BF132764.D
 Acq: 13 Mar 2023 17:16

Tgt Ion:264 Resp: 480259
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 22.1 17.1 25.7

