

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141643.D
 Acq On : 14 Feb 2025 16:56
 Operator : RC/JU
 Sample : Q1356-08RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-FBRE

Quant Time: Feb 14 17:24:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	91363	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	372298	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	146430	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	335153	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	159960	20.000	ng	#-0.01
86) Perylene-d12	15.410	264	21958	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	773738	132.770	ng	0.00
7) Phenol-d6	6.428	99	767359	104.180	ng	-0.01
23) Nitrobenzene-d5	7.351	82	716237	100.343	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	299878	203.866	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1316459	138.509	ng	0.00
79) Terphenyl-d14	12.898	244	1486746	156.907	ng	0.00

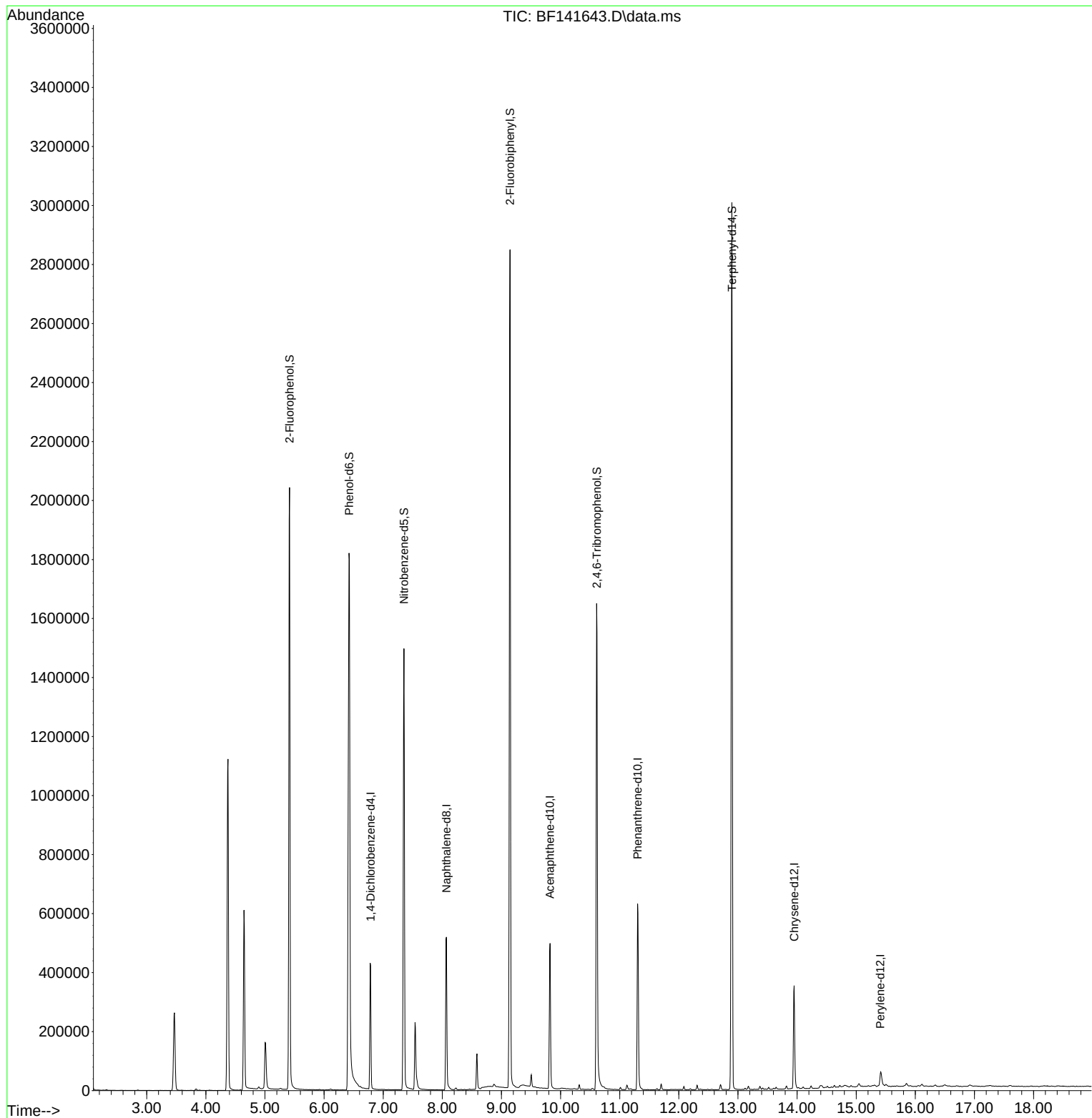
Target Compounds	Qvalue

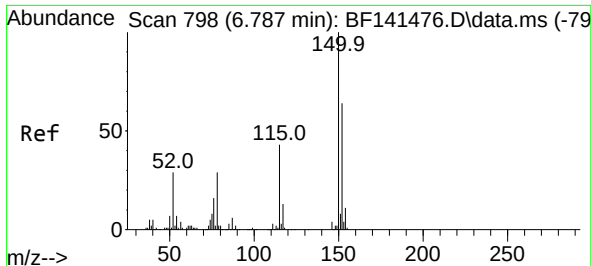
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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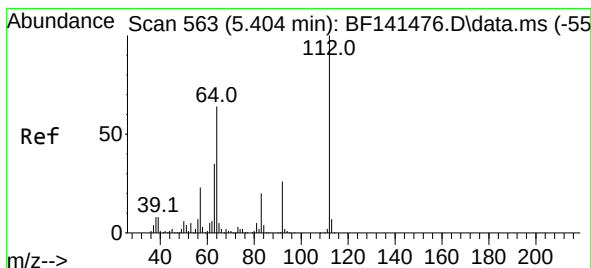
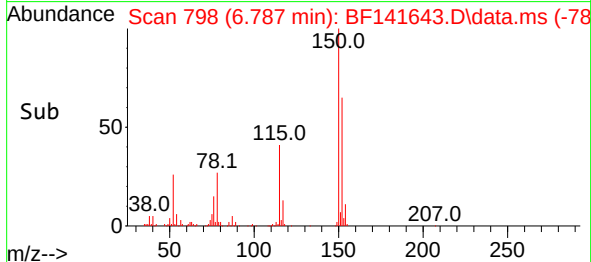
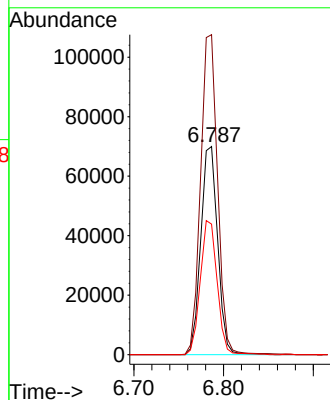
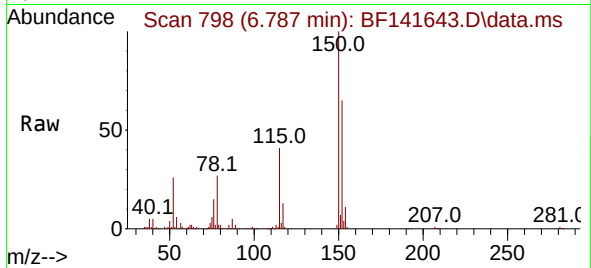




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141643.D
 Acq: 14 Feb 2025 16:56

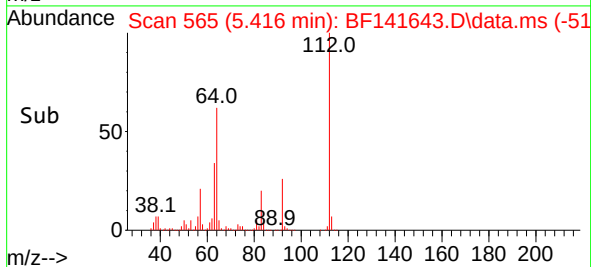
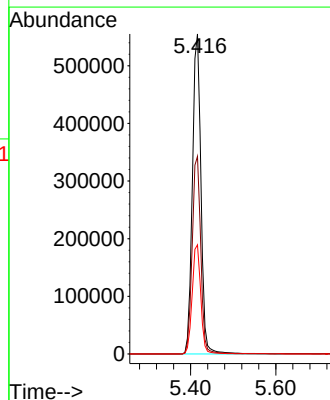
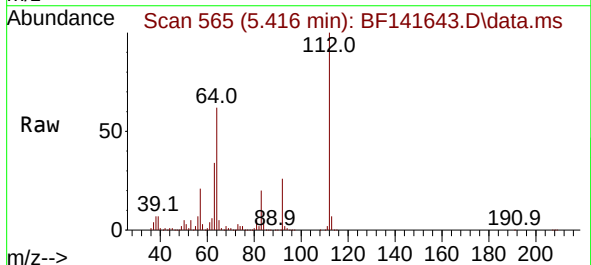
Instrument :
 BNA_F
 ClientSampleId :
 WATER-FBRE

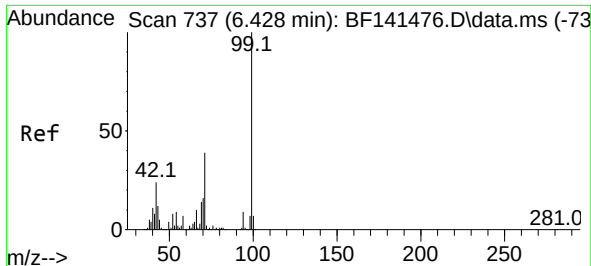
Tgt Ion:152 Resp: 91363
 Ion Ratio Lower Upper
 152 100
 150 153.8 125.0 187.4
 115 62.7 53.6 80.4



#5
 2-Fluorophenol
 Concen: 132.770 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141643.D
 Acq: 14 Feb 2025 16:56

Tgt Ion:112 Resp: 773738
 Ion Ratio Lower Upper
 112 100
 64 61.7 51.1 76.7
 63 34.1 28.4 42.6

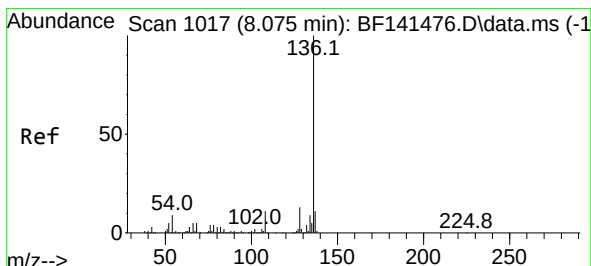
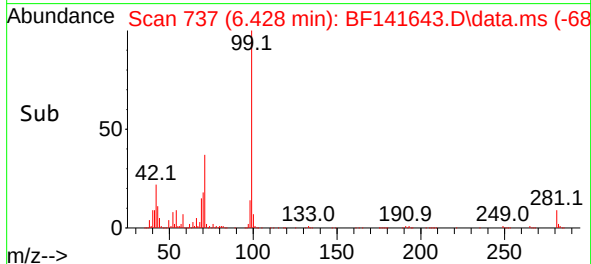
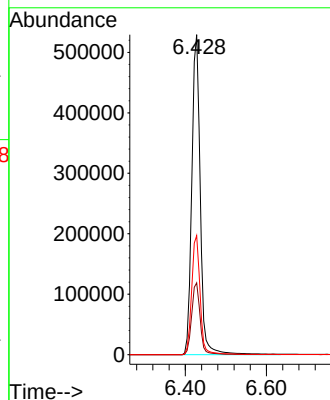
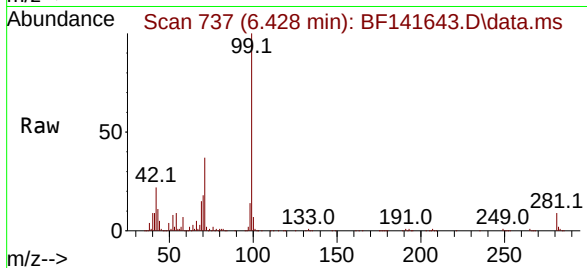




#7
Phenol-d6
Concen: 104.180 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141643.D
Acq: 14 Feb 2025 16:56

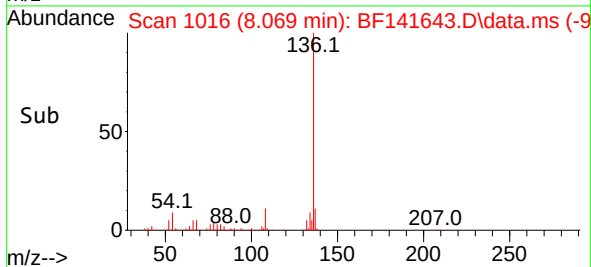
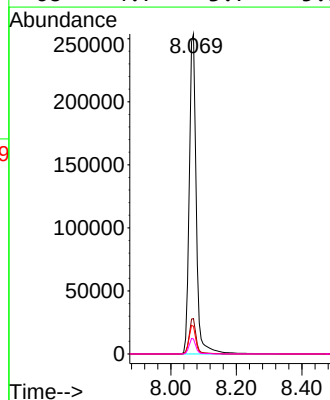
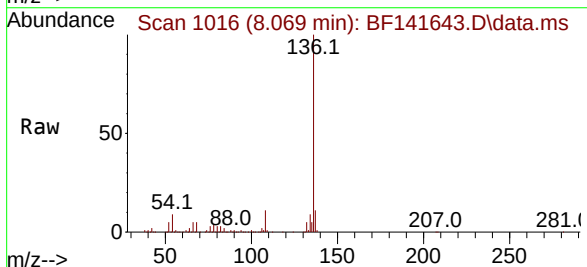
Instrument :
BNA_F
ClientSampleId :
WATER-FBRE

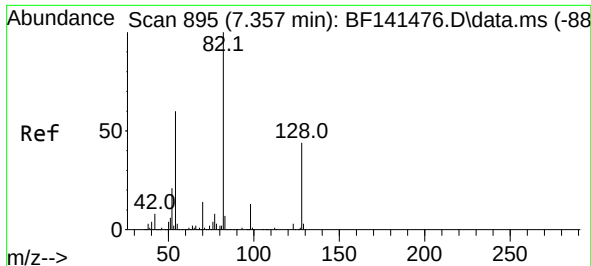
Tgt Ion: 99 Resp: 767359
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 37.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141643.D
Acq: 14 Feb 2025 16:56

Tgt Ion: 136 Resp: 372298
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 7.2 10.8
68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: 100.343 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141643.D

Acq: 14 Feb 2025 16:56

Instrument :

BNA_F

ClientSampleId :

WATER-FBRE

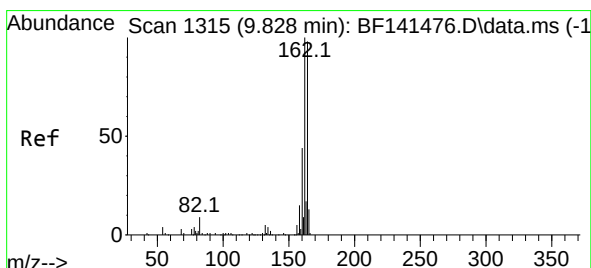
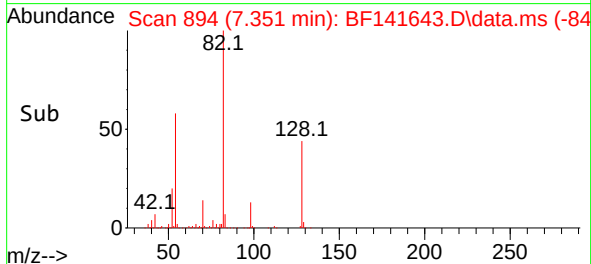
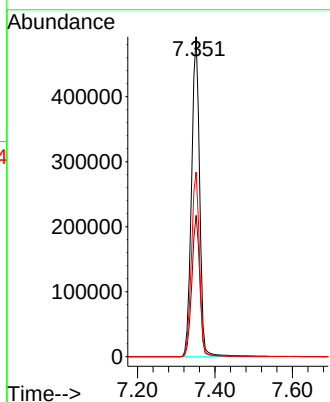
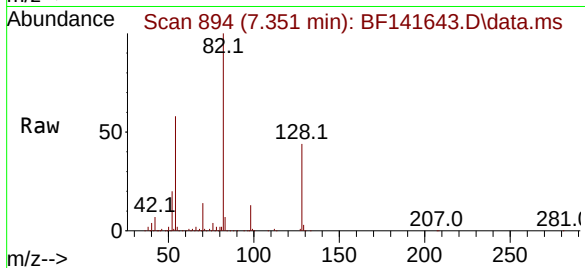
Tgt Ion: 82 Resp: 716237

Ion Ratio Lower Upper

82 100

128 44.1 34.8 52.2

54 57.7 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF141643.D

Acq: 14 Feb 2025 16:56

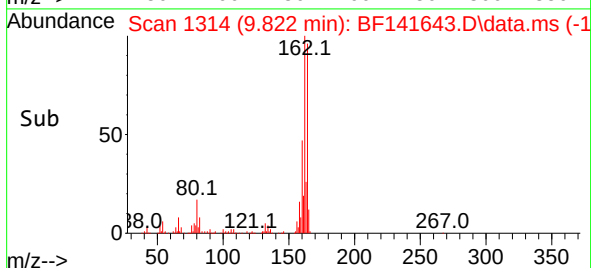
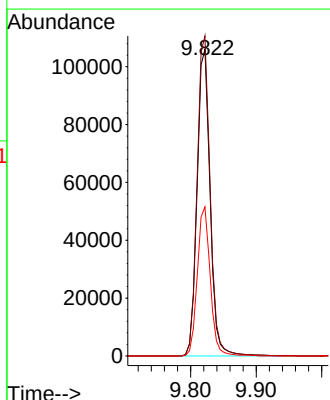
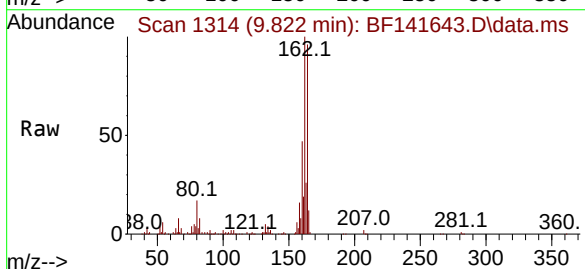
Tgt Ion:164 Resp: 146430

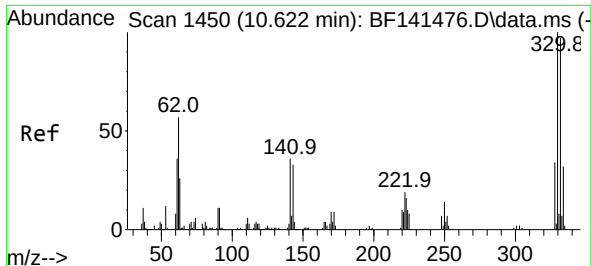
Ion Ratio Lower Upper

164 100

162 104.4 81.3 121.9

160 48.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 203.866 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141643.D

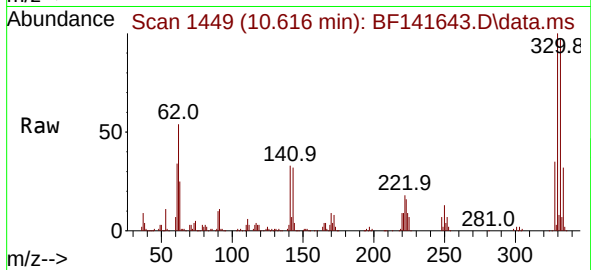
Acq: 14 Feb 2025 16:56

Instrument :

BNA_F

ClientSampleId :

WATER-FBRE



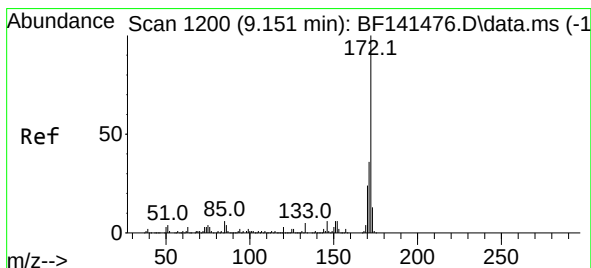
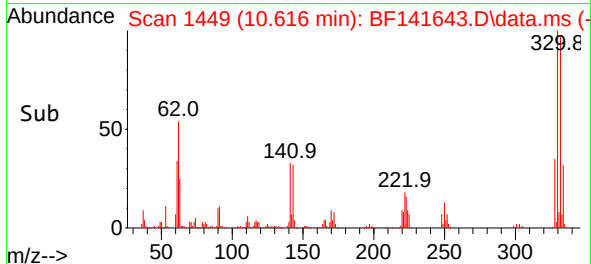
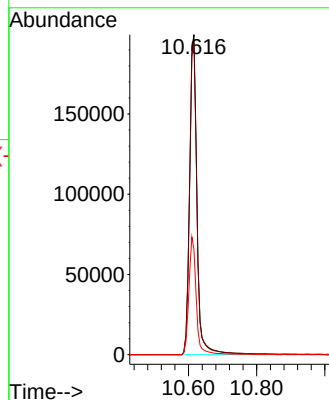
Tgt Ion:330 Resp: 299878

Ion Ratio Lower Upper

330 100

332 96.9 78.5 117.7

141 36.5 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 138.509 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141643.D

Acq: 14 Feb 2025 16:56

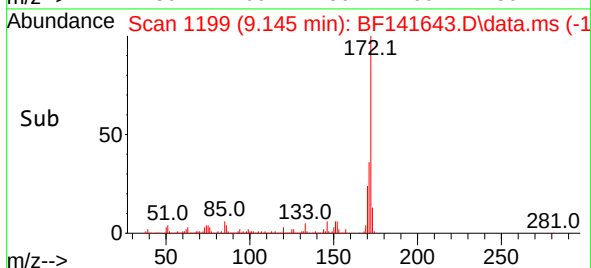
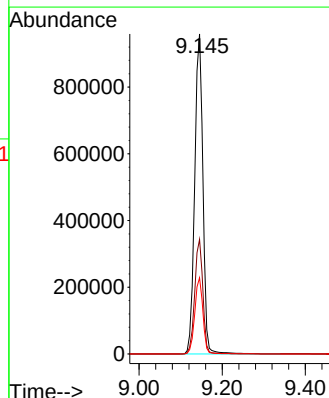
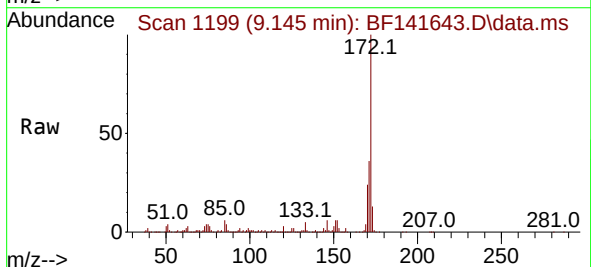
Tgt Ion:172 Resp: 1316459

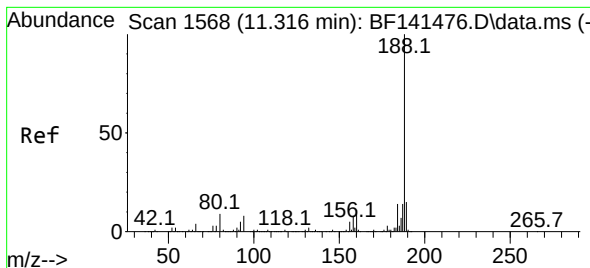
Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141643.D

Acq: 14 Feb 2025 16:56

Instrument :

BNA_F

ClientSampleId :

WATER-FBRE

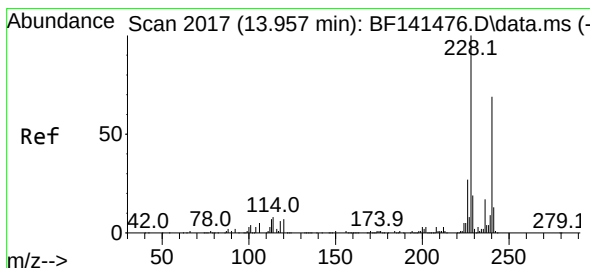
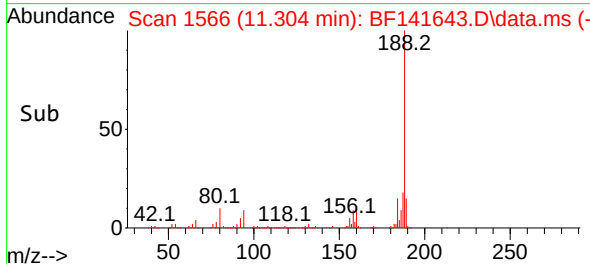
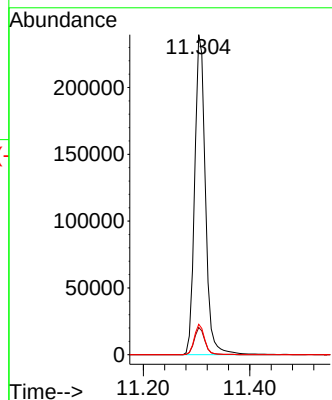
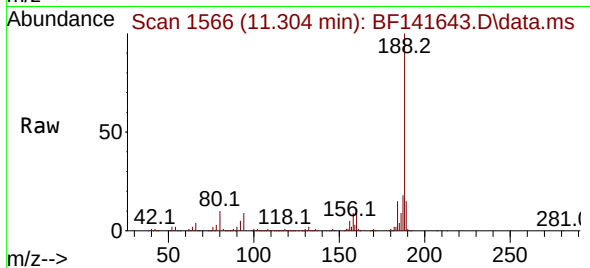
Tgt Ion:188 Resp: 335153

Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

80 9.5 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF141643.D

Acq: 14 Feb 2025 16:56

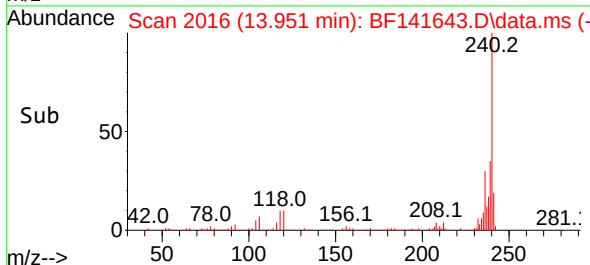
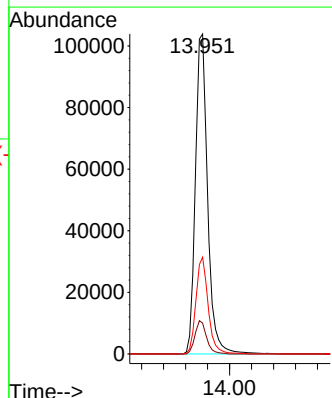
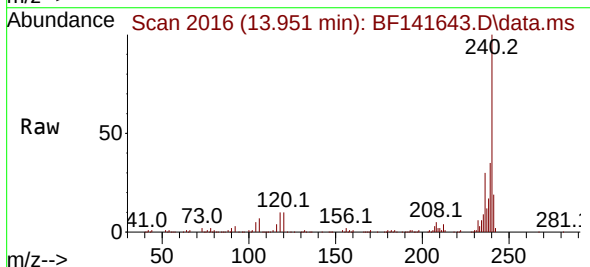
Tgt Ion:240 Resp: 159960

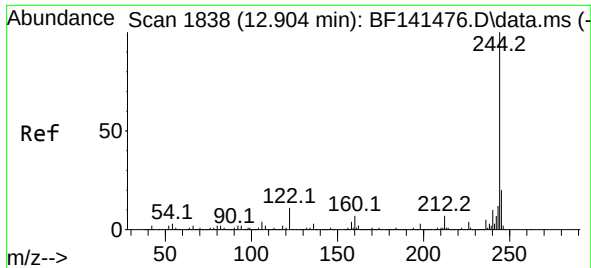
Ion Ratio Lower Upper

240 100

120 9.6 8.0 12.0

236 30.3 19.8 29.8#

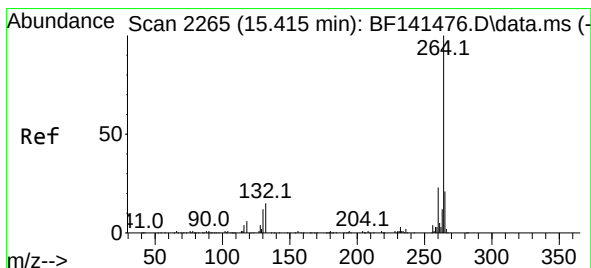
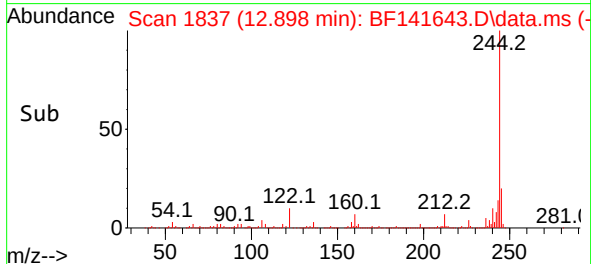
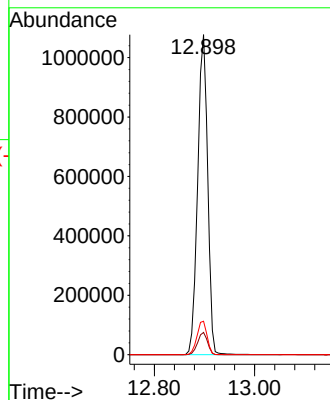
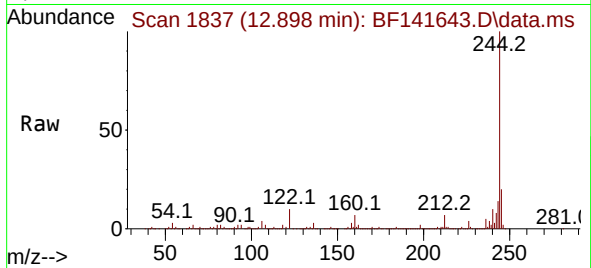




#79
 Terphenyl-d14
 Concen: 156.907 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141643.D
 Acq: 14 Feb 2025 16:56

Instrument :
 BNA_F
 ClientSampleId :
 WATER-FBRE

Tgt Ion:244 Resp: 1486746
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.5 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF141643.D
 Acq: 14 Feb 2025 16:56

Tgt Ion:264 Resp: 21958
 Ion Ratio Lower Upper
 264 100
 260 33.1 18.6 28.0#
 265 18.8 17.0 25.4

