

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141618.D
 Acq On : 13 Feb 2025 16:49
 Operator : RC/JU
 Sample : Q1356-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-FB

Quant Time: Feb 13 17:17:58 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	6.781	152	104323	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	424862	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	172171	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	390131	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	189304	20.000	ng	-0.02
86) Perylene-d12	15.415	264	23434	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	864352	129.893	ng	0.00
7) Phenol-d6	6.428	99	873917	103.907	ng	-0.01
23) Nitrobenzene-d5	7.351	82	802993	98.580	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	347348	200.833	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1481769	132.594	ng	0.00
79) Terphenyl-d14	12.898	244	1723835	153.728	ng	0.00

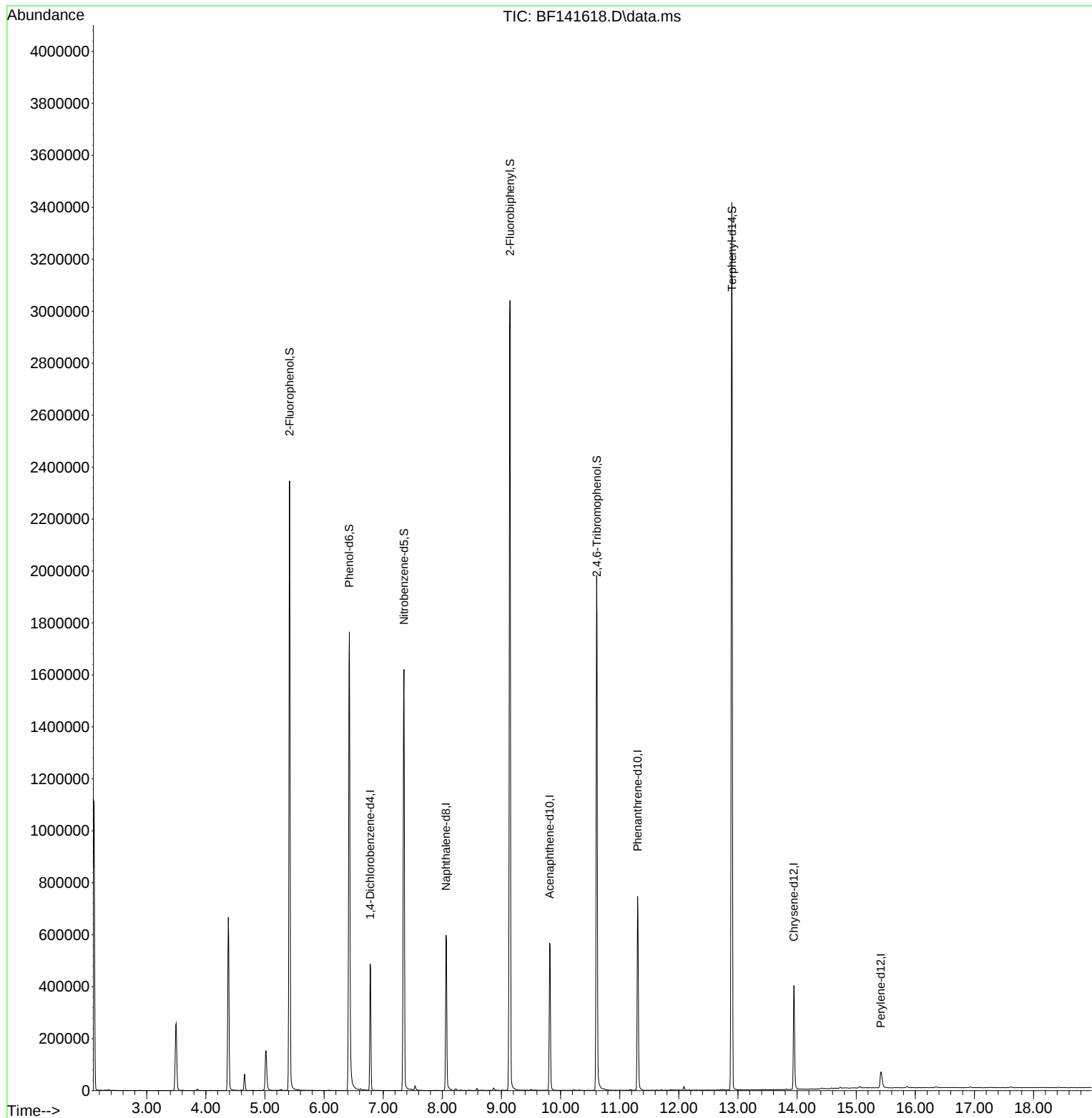
Target Compounds	Qvalue

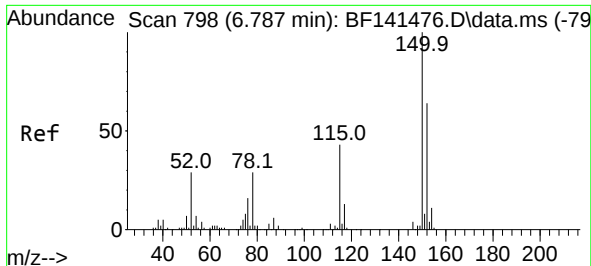
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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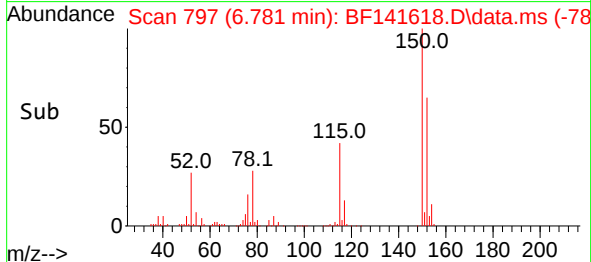
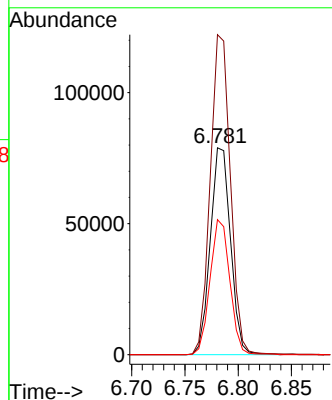
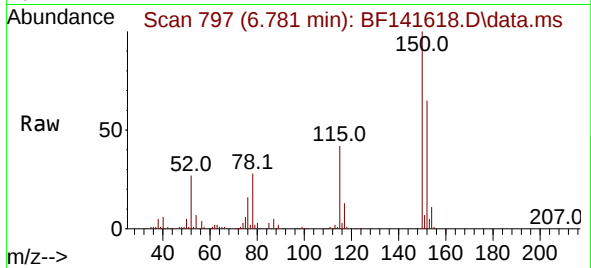




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141618.D
Acq: 13 Feb 2025 16:49

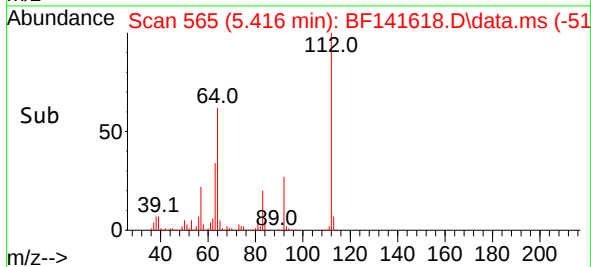
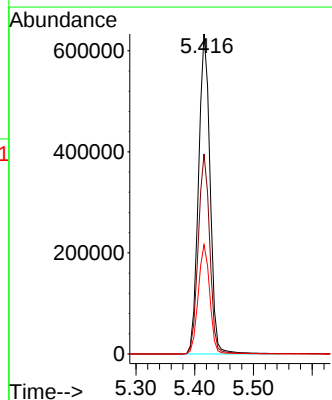
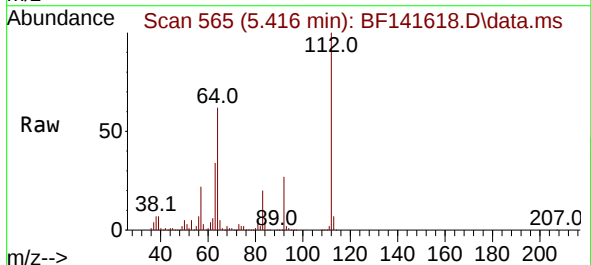
Instrument :
BNA_F
ClientSampleId :
WATER-FB

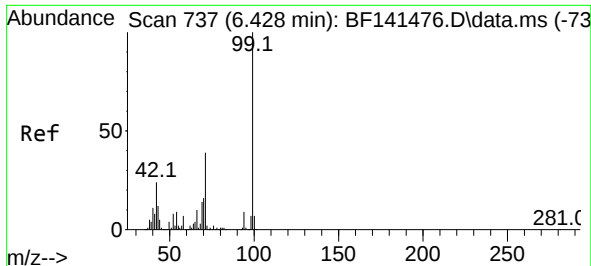
Tgt Ion:152 Resp: 104323
Ion Ratio Lower Upper
152 100
150 154.7 125.0 187.4
115 65.3 53.6 80.4



#5
2-Fluorophenol
Concen: 129.893 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141618.D
Acq: 13 Feb 2025 16:49

Tgt Ion:112 Resp: 864352
Ion Ratio Lower Upper
112 100
64 62.5 51.1 76.7
63 34.2 28.4 42.6

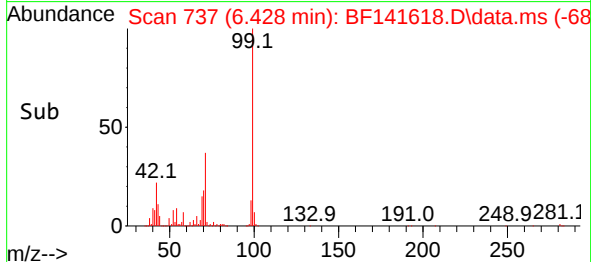
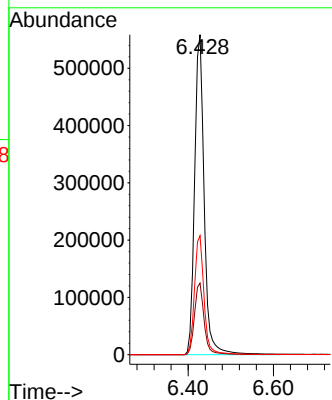
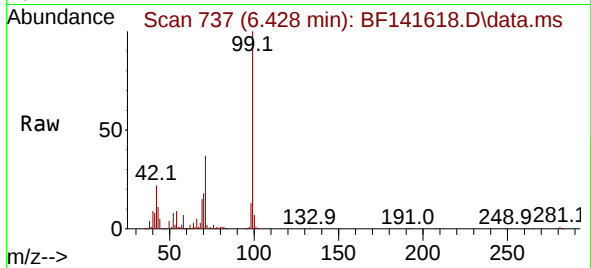




#7
Phenol-d6
Concen: 103.907 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141618.D
Acq: 13 Feb 2025 16:49

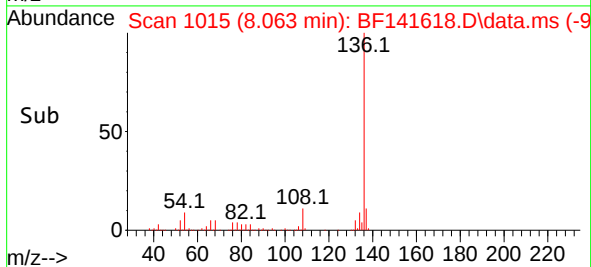
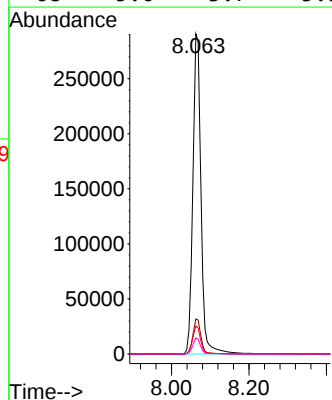
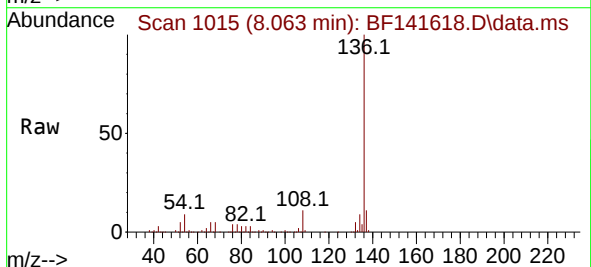
Instrument :
BNA_F
ClientSampleId :
WATER-FB

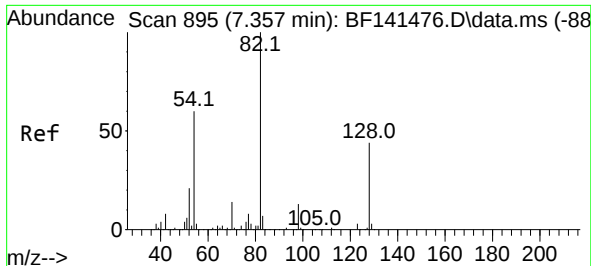
Tgt Ion: 99 Resp: 873917
Ion Ratio Lower Upper
99 100
42 22.3 19.1 28.7
71 37.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141618.D
Acq: 13 Feb 2025 16:49

Tgt Ion:136 Resp: 424862
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 7.2 10.8
68 5.0 3.7 5.5

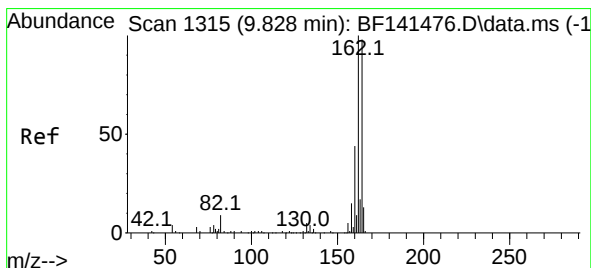
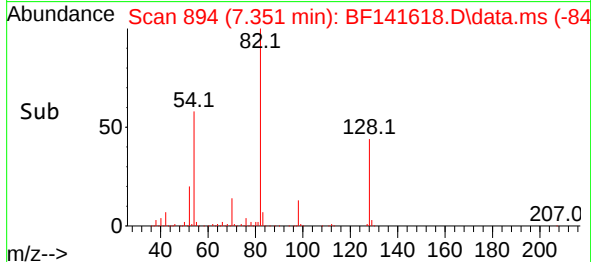
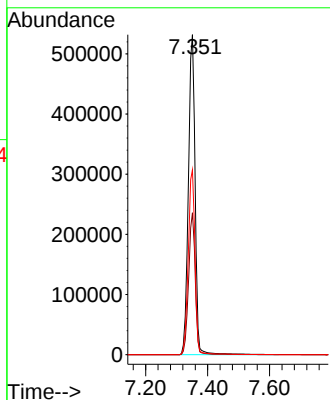
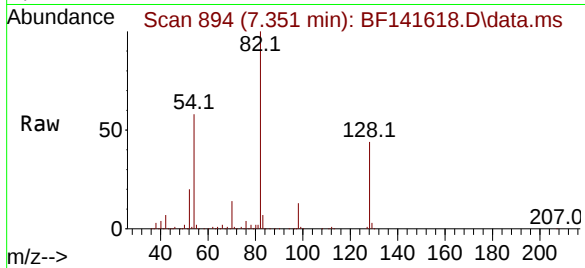




#23
Nitrobenzene-d5
Concen: 98.580 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141618.D
Acq: 13 Feb 2025 16:49

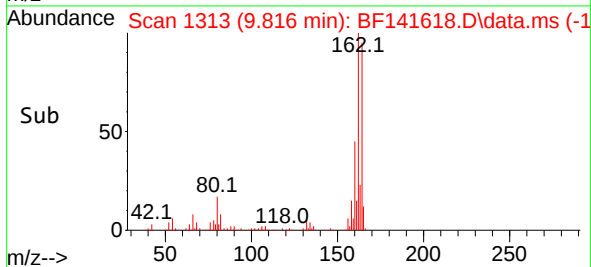
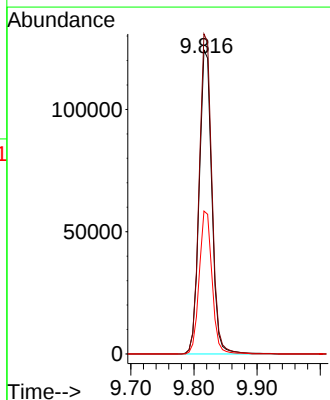
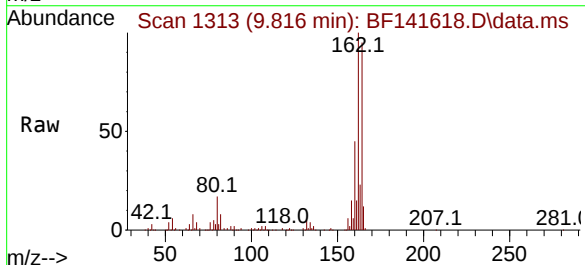
Instrument :
BNA_F
ClientSampleId :
WATER-FB

Tgt Ion: 82 Resp: 802993
Ion Ratio Lower Upper
82 100
128 44.4 34.8 52.2
54 57.8 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF141618.D
Acq: 13 Feb 2025 16:49

Tgt Ion:164 Resp: 172171
Ion Ratio Lower Upper
164 100
162 105.3 81.3 121.9
160 47.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 200.833 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141618.D

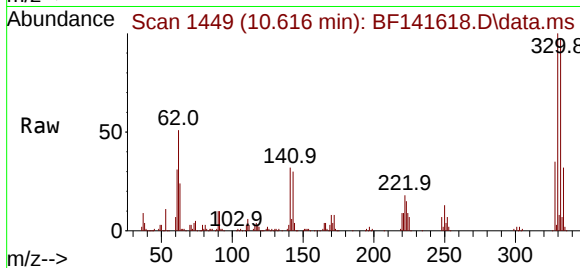
Acq: 13 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WATER-FB



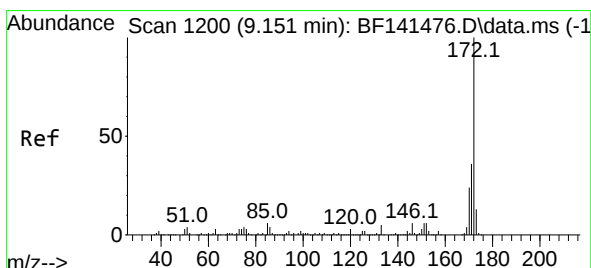
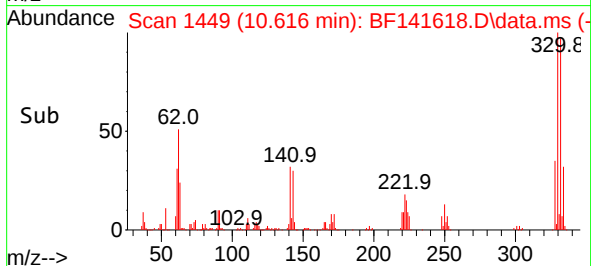
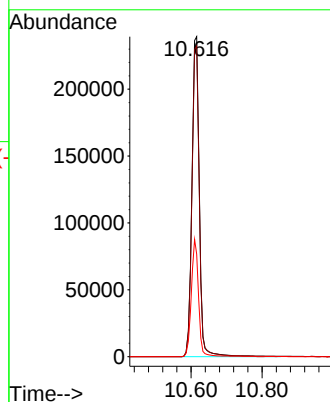
Tgt Ion:330 Resp: 347348

Ion Ratio Lower Upper

330 100

332 97.2 78.5 117.7

141 35.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 132.594 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141618.D

Acq: 13 Feb 2025 16:49

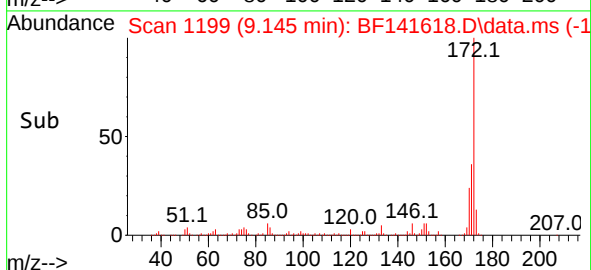
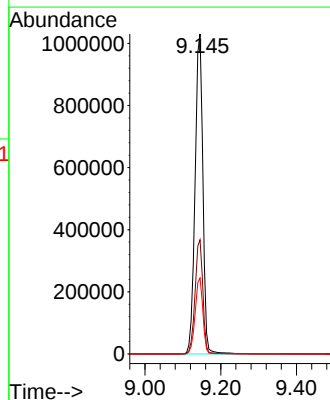
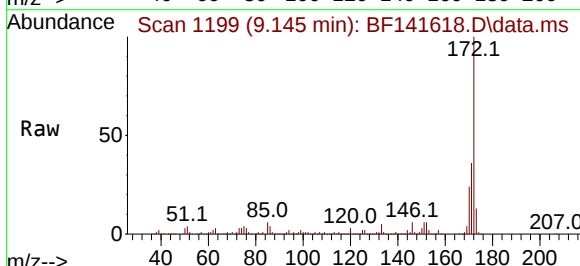
Tgt Ion:172 Resp: 1481769

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.7 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: BF141618.D

Acq: 13 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WATER-FB

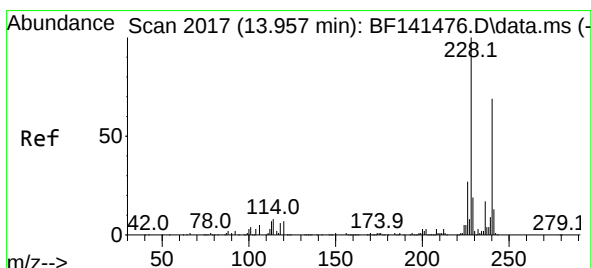
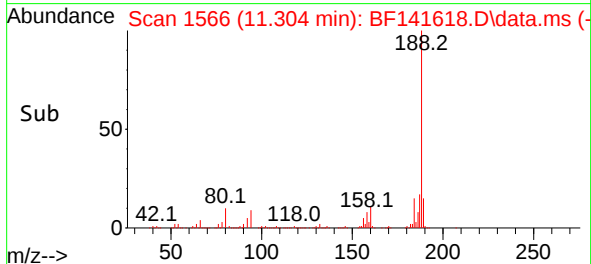
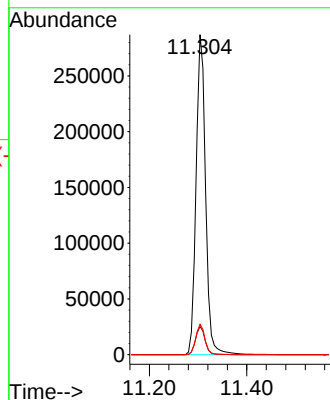
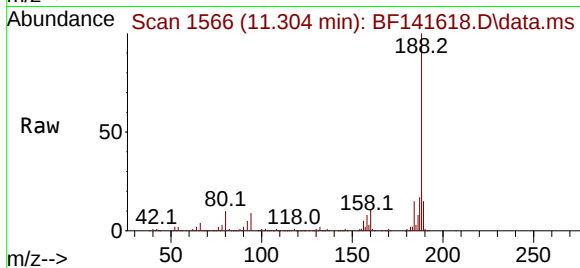
Tgt Ion:188 Resp: 390131

Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 9.5 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.018 min

Lab File: BF141618.D

Acq: 13 Feb 2025 16:49

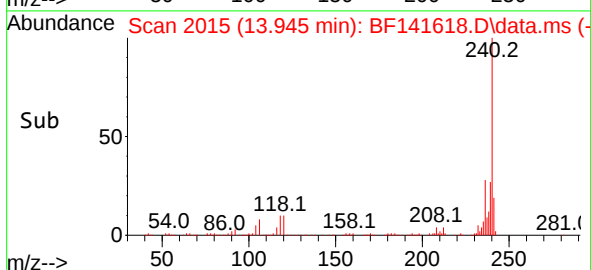
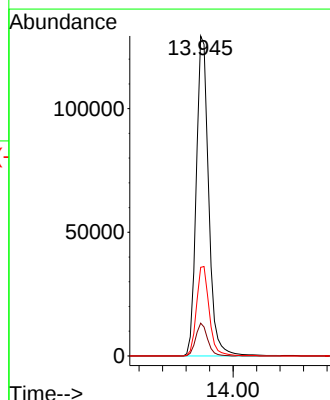
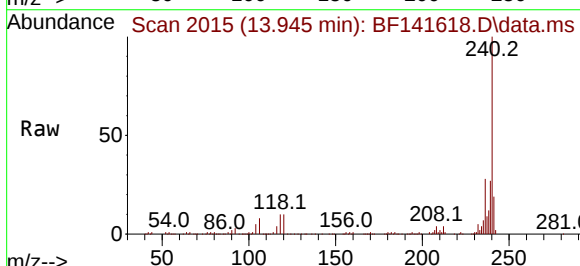
Tgt Ion:240 Resp: 189304

Ion Ratio Lower Upper

240 100

120 10.2 8.0 12.0

236 27.7 19.8 29.8

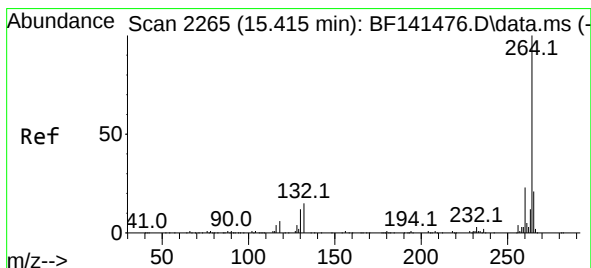
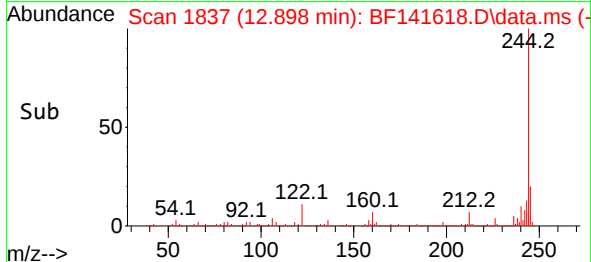
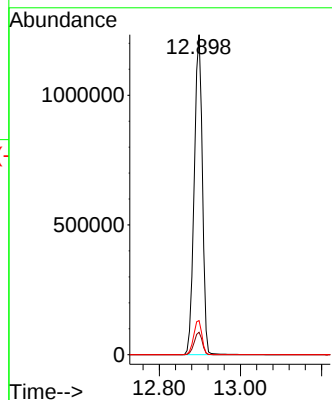
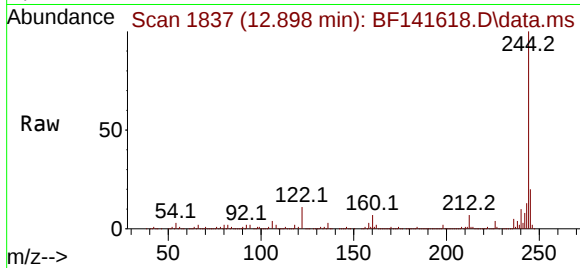




#79
 Terphenyl-d14
 Concen: 153.728 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141618.D
 Acq: 13 Feb 2025 16:49

Instrument :
 BNA_F
 ClientSampleId :
 WATER-FB

Tgt Ion:244 Resp: 1723835
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.6 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF141618.D
 Acq: 13 Feb 2025 16:49

Tgt Ion:264 Resp: 23434
 Ion Ratio Lower Upper
 264 100
 260 41.9 18.6 28.0#
 265 22.0 17.0 25.4

