

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141616.D
 Acq On : 13 Feb 2025 15:56
 Operator : RC/JU
 Sample : Q1356-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-A

Quant Time: Feb 13 16:17:01 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	94402	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	384102	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	216686	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	389401	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	297699	20.000	ng	-0.01
86) Perylene-d12	15.410	264	212527	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	826163	137.202	ng	0.00
7) Phenol-d6	6.428	99	962656	126.487	ng	-0.01
23) Nitrobenzene-d5	7.351	82	760726	103.301	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	331286	152.196	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1411655	100.369	ng	0.00
79) Terphenyl-d14	12.898	244	1829976	103.773	ng	0.00

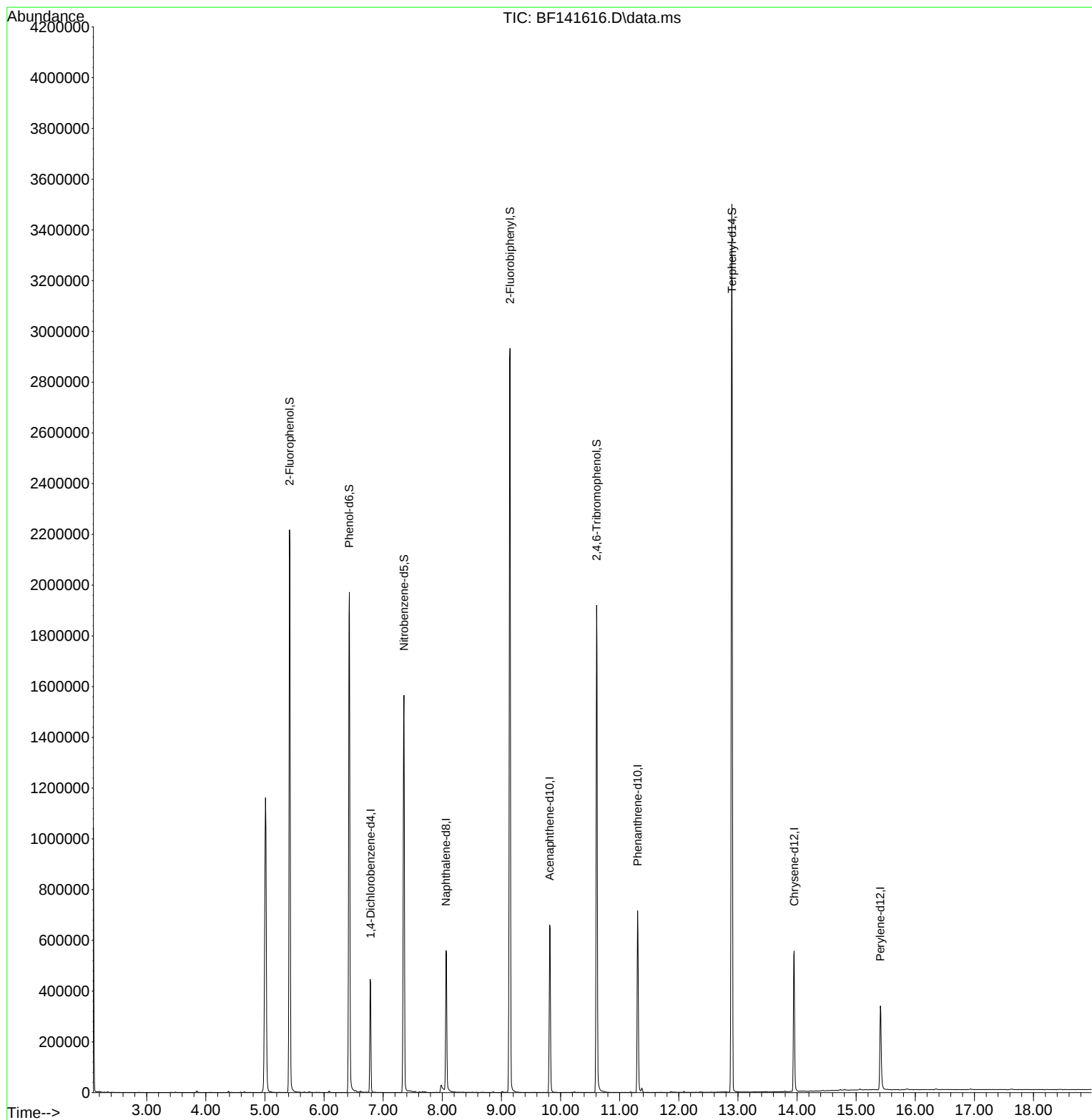
Target Compounds	Qvalue

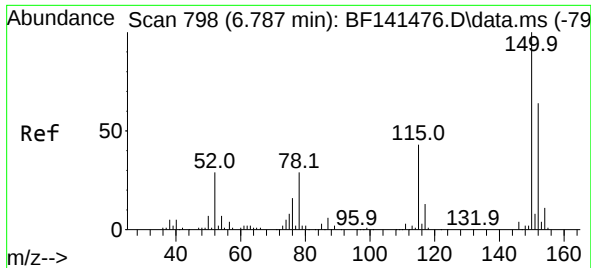
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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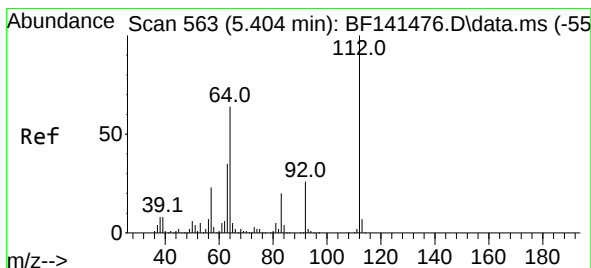
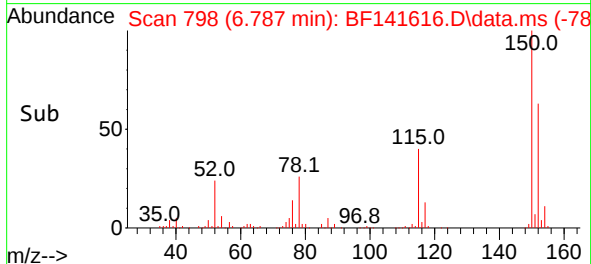
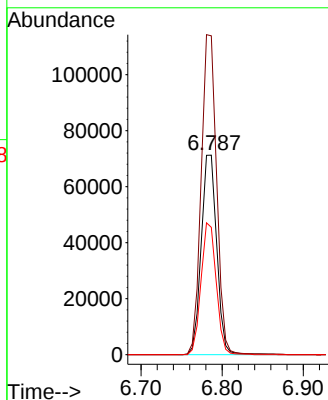
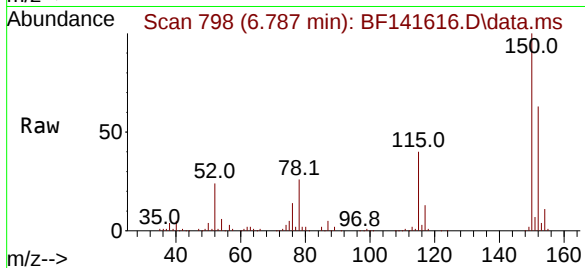




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141616.D
Acq: 13 Feb 2025 15:56

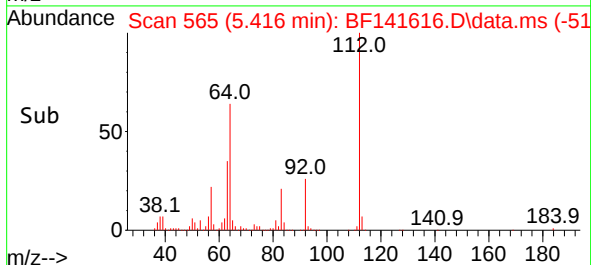
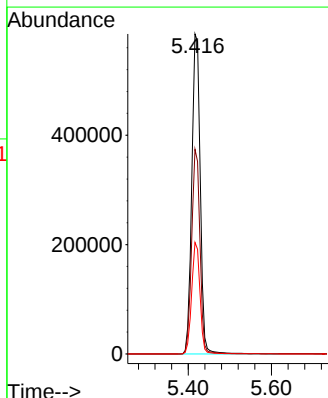
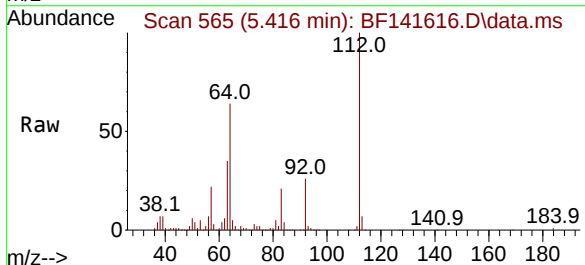
Instrument :
BNA_F
ClientSampleId :
WATER-A

Tgt Ion:152 Resp: 94402
Ion Ratio Lower Upper
152 100
150 159.9 125.0 187.4
115 63.8 53.6 80.4



#5
2-Fluorophenol
Concen: 137.202 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141616.D
Acq: 13 Feb 2025 15:56

Tgt Ion:112 Resp: 826163
Ion Ratio Lower Upper
112 100
64 64.0 51.1 76.7
63 34.8 28.4 42.6

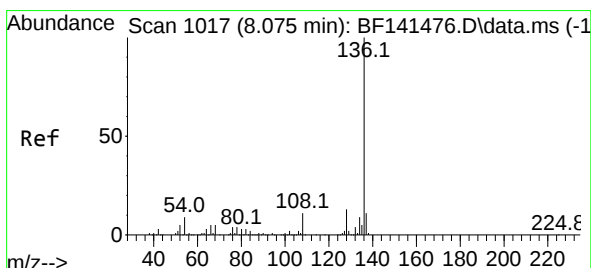
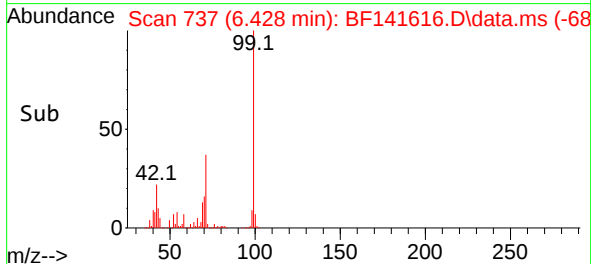
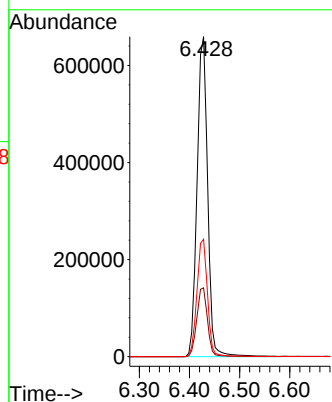
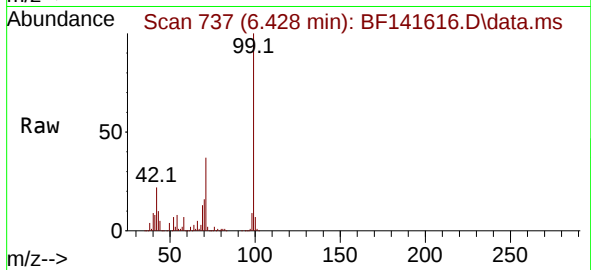




#7
Phenol-d6
Concen: 126.487 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141616.D
Acq: 13 Feb 2025 15:56

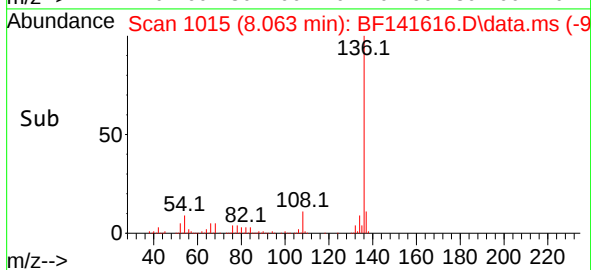
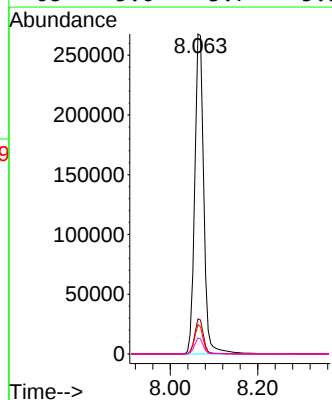
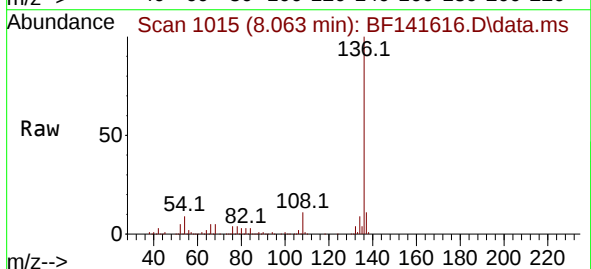
Instrument :
BNA_F
ClientSampleId :
WATER-A

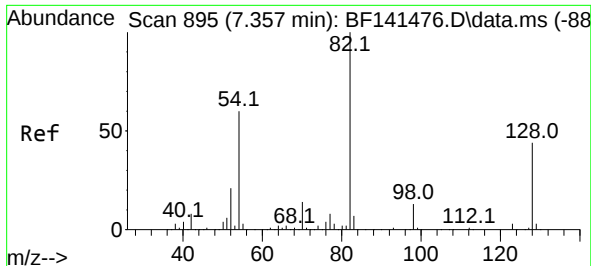
Tgt Ion: 99 Resp: 962656
Ion Ratio Lower Upper
99 100
42 21.5 19.1 28.7
71 36.7 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141616.D
Acq: 13 Feb 2025 15:56

Tgt Ion: 136 Resp: 384102
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 7.2 10.8
68 5.0 3.7 5.5

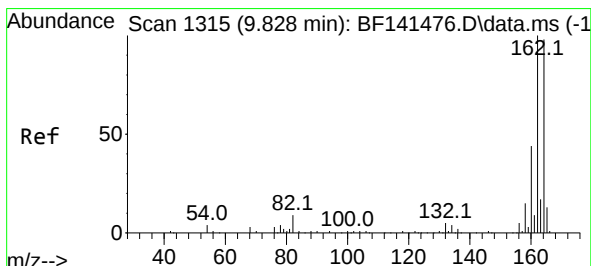
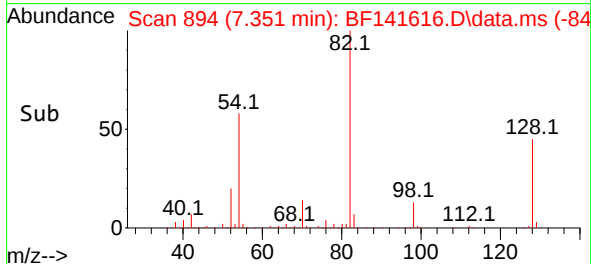
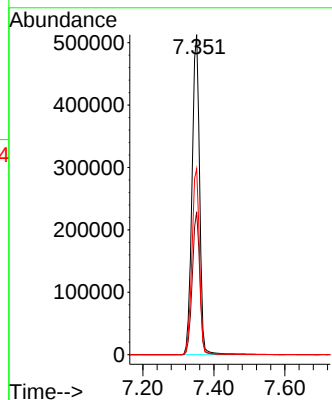
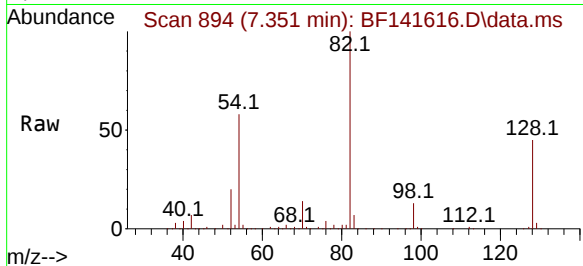




#23
 Nitrobenzene-d5
 Concen: 103.301 ng
 RT: 7.351 min Scan# 894
 Delta R.T. -0.012 min
 Lab File: BF141616.D
 Acq: 13 Feb 2025 15:56

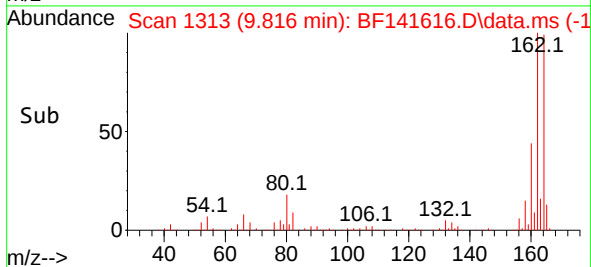
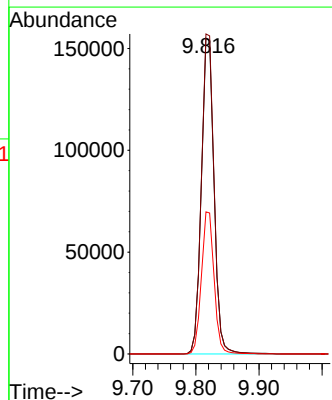
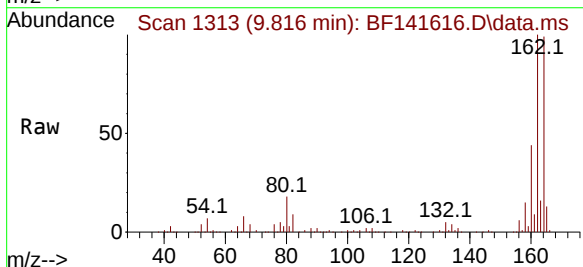
Instrument :
 BNA_F
 ClientSampleId :
 WATER-A

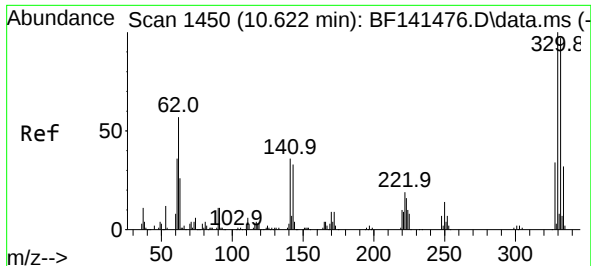
Tgt Ion: 82 Resp: 760726
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.8 52.2
 54 58.1 48.2 72.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1313
 Delta R.T. -0.017 min
 Lab File: BF141616.D
 Acq: 13 Feb 2025 15:56

Tgt Ion:164 Resp: 216686
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.3 121.9
 160 45.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 152.196 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.017 min

Lab File: BF141616.D

Acq: 13 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

WATER-A

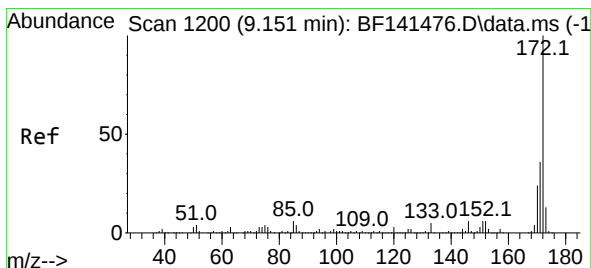
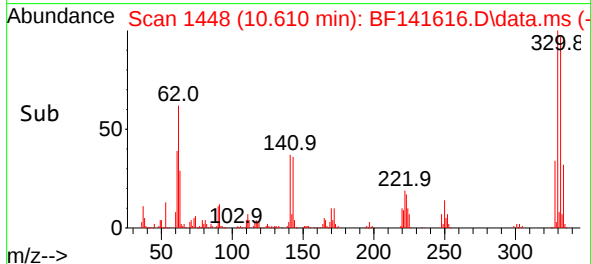
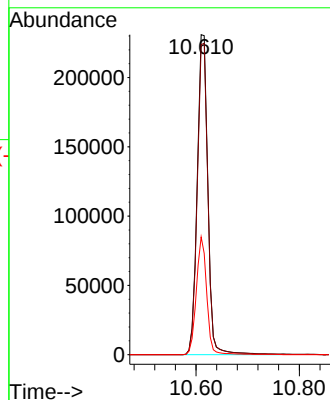
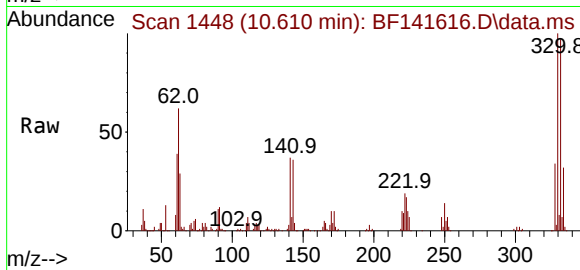
Tgt Ion:330 Resp: 331286

Ion Ratio Lower Upper

330 100

332 96.9 78.5 117.7

141 35.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 100.369 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141616.D

Acq: 13 Feb 2025 15:56

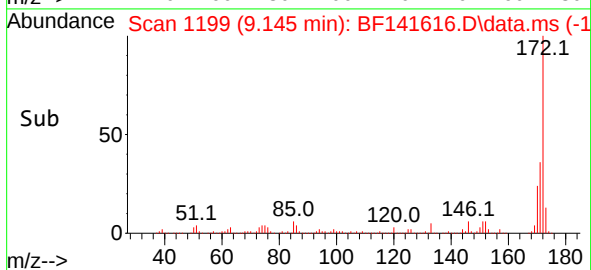
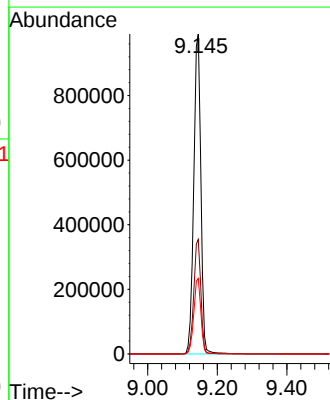
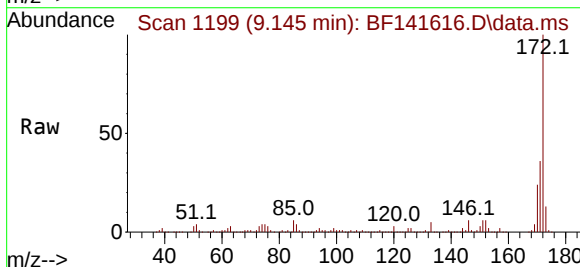
Tgt Ion:172 Resp: 1411655

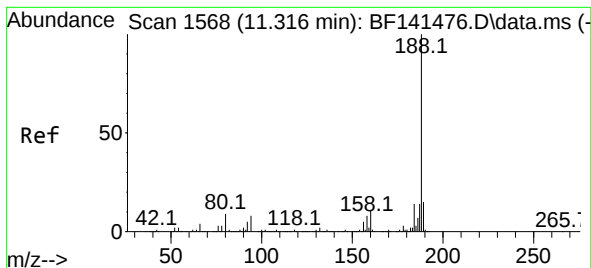
Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.6 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: BF141616.D

Acq: 13 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

WATER-A

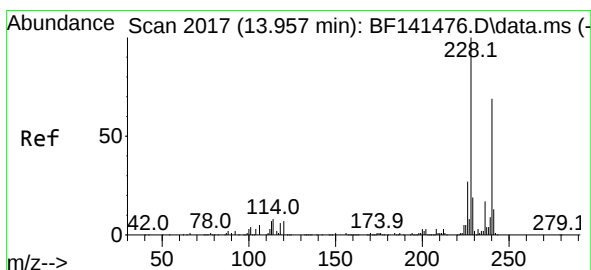
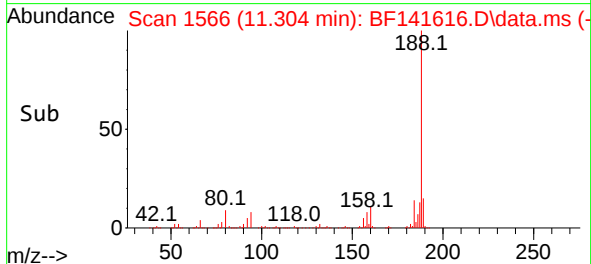
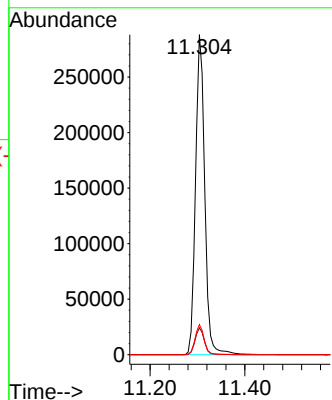
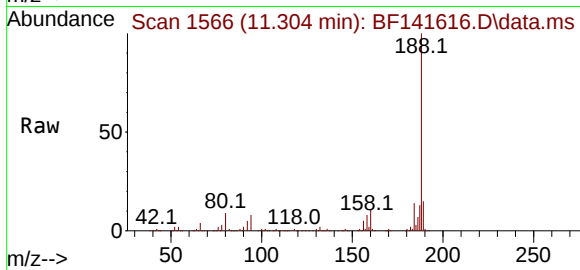
Tgt Ion:188 Resp: 389401

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 9.4 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: BF141616.D

Acq: 13 Feb 2025 15:56

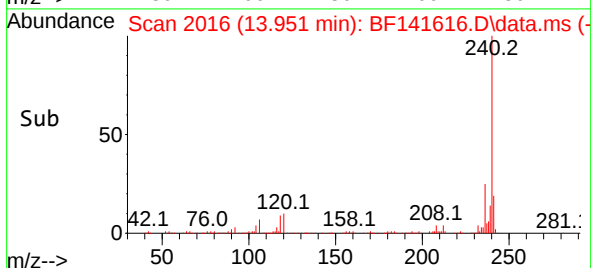
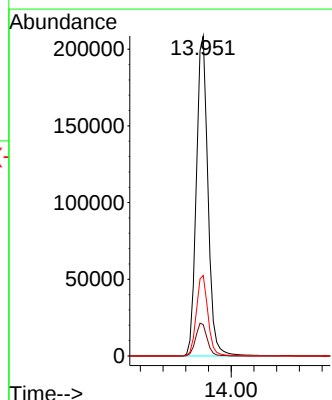
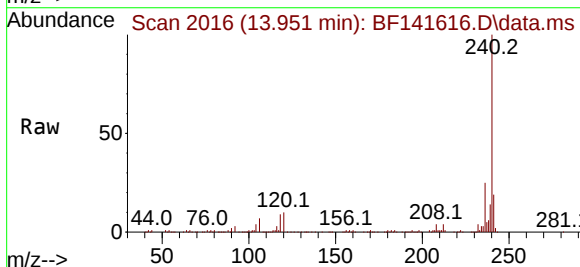
Tgt Ion:240 Resp: 297699

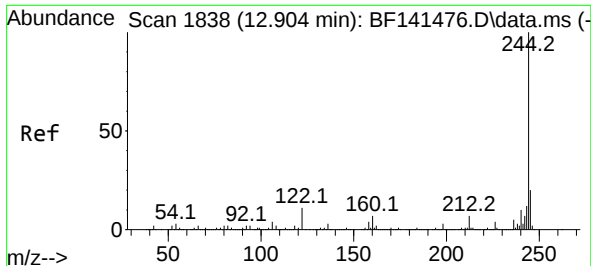
Ion Ratio Lower Upper

240 100

120 9.8 8.0 12.0

236 25.2 19.8 29.8

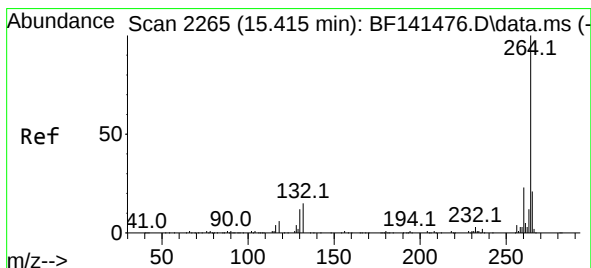
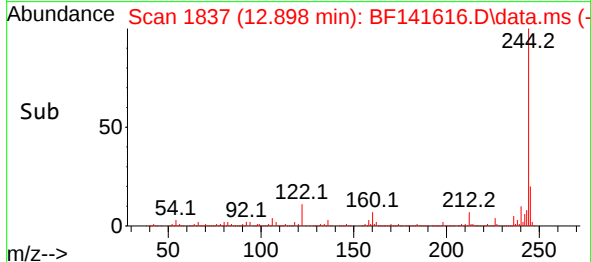
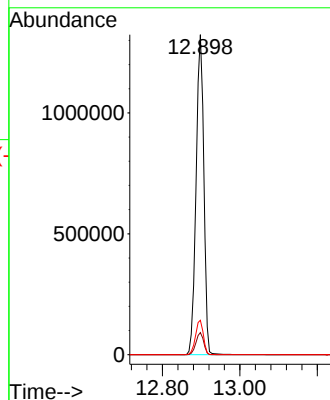
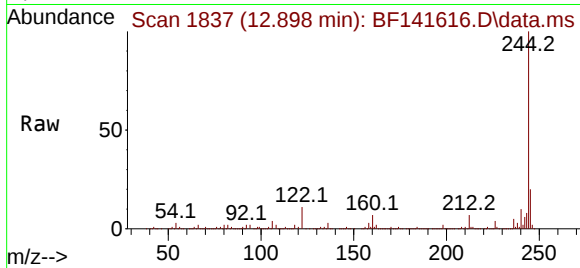




#79
 Terphenyl-d14
 Concen: 103.773 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141616.D
 Acq: 13 Feb 2025 15:56

Instrument :
 BNA_F
 ClientSampleId :
 WATER-A

Tgt Ion:244 Resp: 1829976
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.8 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: BF141616.D
 Acq: 13 Feb 2025 15:56

Tgt Ion:264 Resp: 212527
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.7 17.0 25.4

