

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141617.D
 Acq On : 13 Feb 2025 16:22
 Operator : RC/JU
 Sample : Q1356-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-B

Quant Time: Feb 13 16:45:40 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	102699	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	414301	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	233396	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	416407	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	293342	20.000	ng	-0.02
86) Perylene-d12	15.410	264	197621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	899380	137.294	ng	0.00
7) Phenol-d6	6.428	99	1024581	123.747	ng	-0.01
23) Nitrobenzene-d5	7.351	82	831477	104.678	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	356113	151.888	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1525103	100.672	ng	0.00
79) Terphenyl-d14	12.898	244	1907914	109.800	ng	0.00

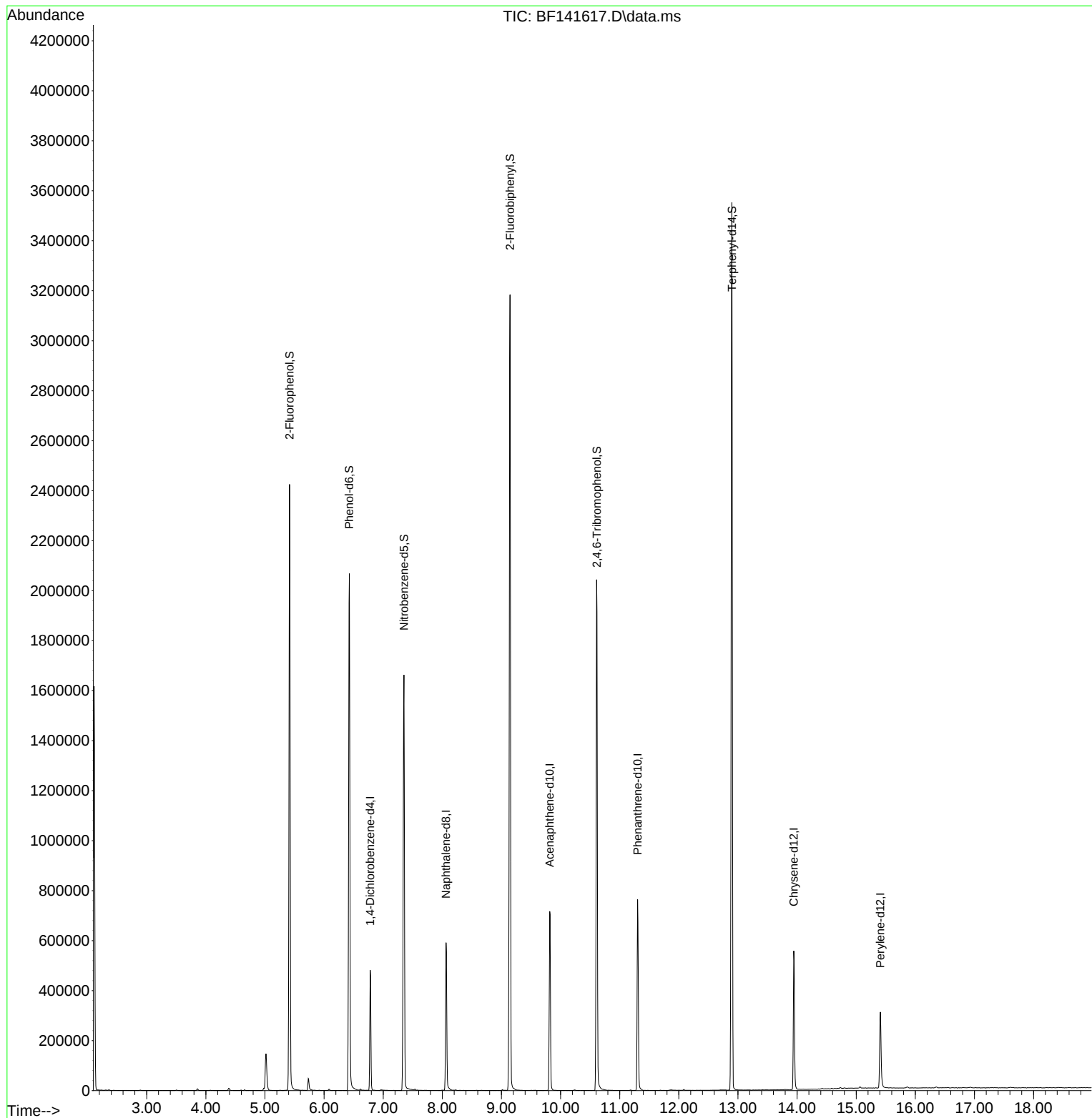
Target Compounds	Qvalue

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

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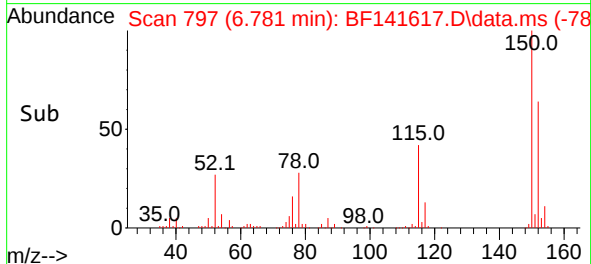
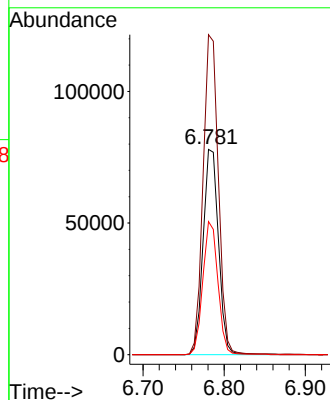
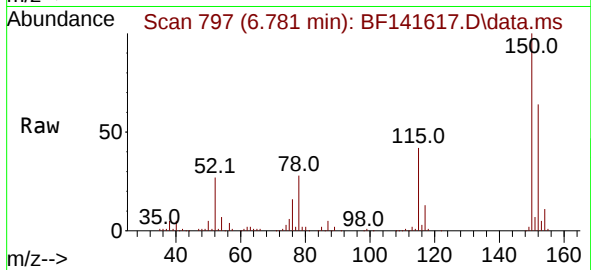




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141617.D
Acq: 13 Feb 2025 16:22

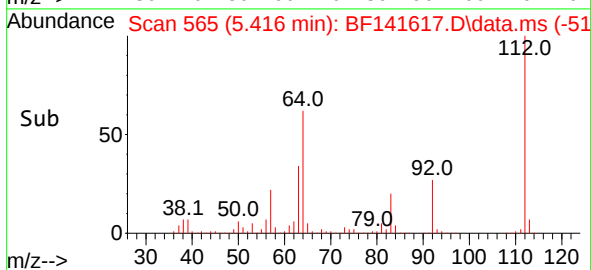
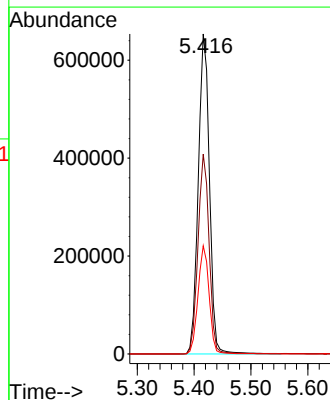
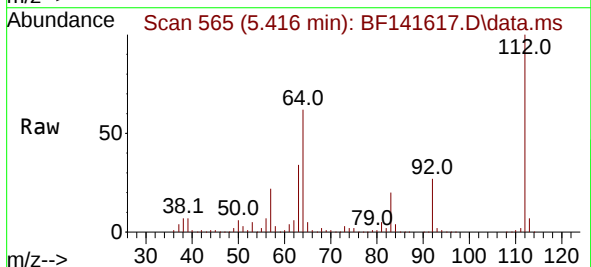
Instrument :
BNA_F
ClientSampleId :
WATER-B

Tgt Ion:152 Resp: 102699
Ion Ratio Lower Upper
152 100
150 155.8 125.0 187.4
115 64.8 53.6 80.4



#5
2-Fluorophenol
Concen: 137.294 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141617.D
Acq: 13 Feb 2025 16:22

Tgt Ion:112 Resp: 899380
Ion Ratio Lower Upper
112 100
64 62.5 51.1 76.7
63 33.8 28.4 42.6





#7
Phenol-d6
Concen: 123.747 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141617.D
Acq: 13 Feb 2025 16:22

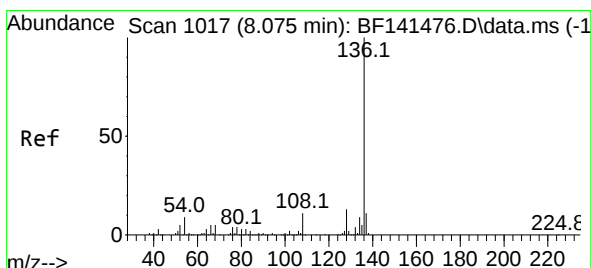
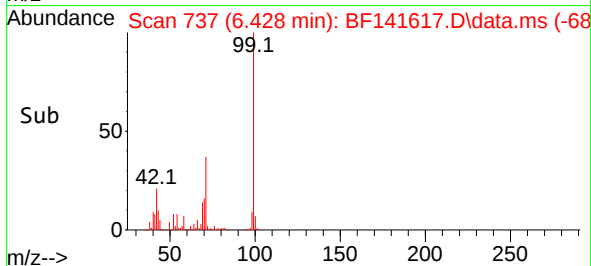
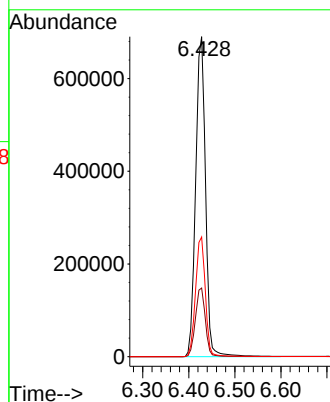
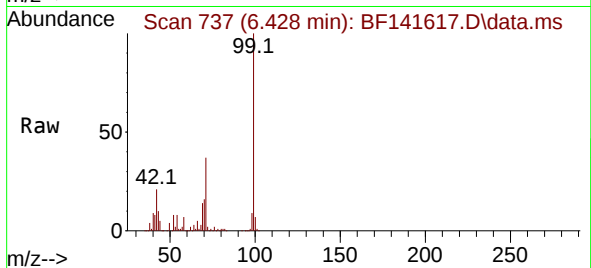
Instrument :

BNA_F

ClientSampleId :

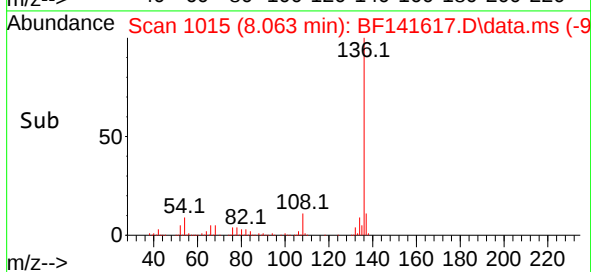
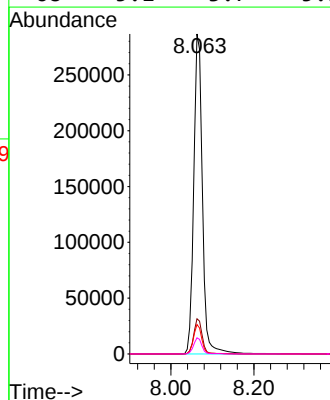
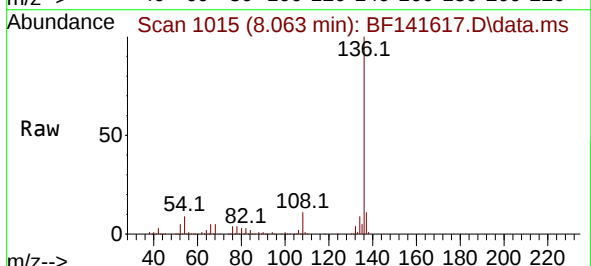
WATER-B

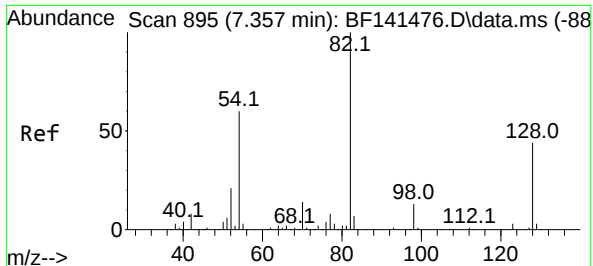
Tgt Ion: 99 Resp: 1024581
Ion Ratio Lower Upper
99 100
42 21.5 19.1 28.7
71 37.4 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141617.D
Acq: 13 Feb 2025 16:22

Tgt Ion:136 Resp: 414301
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.2 7.2 10.8
68 5.1 3.7 5.5

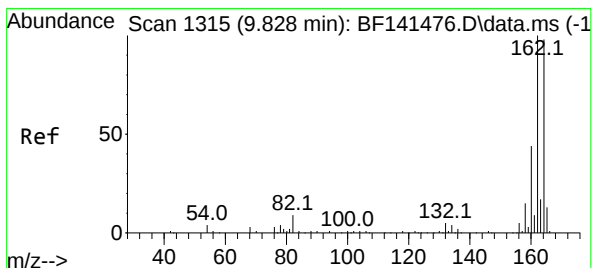
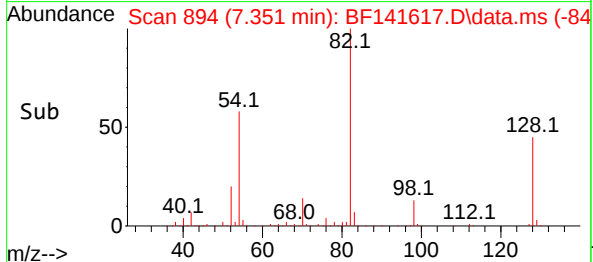
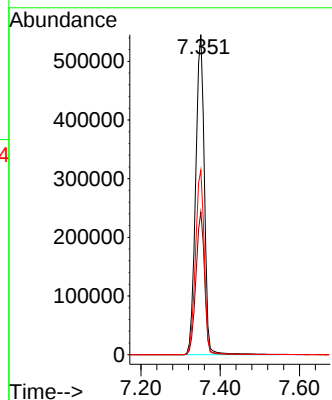
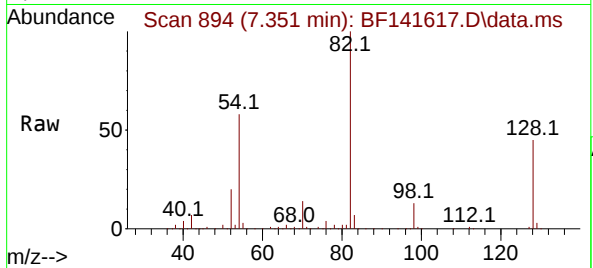




#23
 Nitrobenzene-d5
 Concen: 104.678 ng
 RT: 7.351 min Scan# 894
 Delta R.T. -0.012 min
 Lab File: BF141617.D
 Acq: 13 Feb 2025 16:22

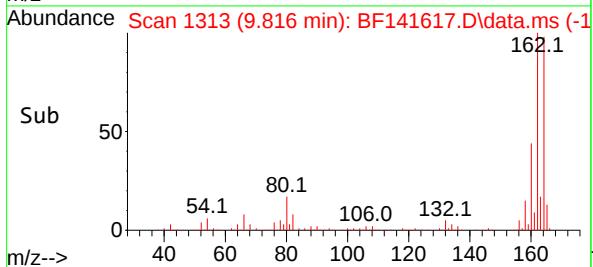
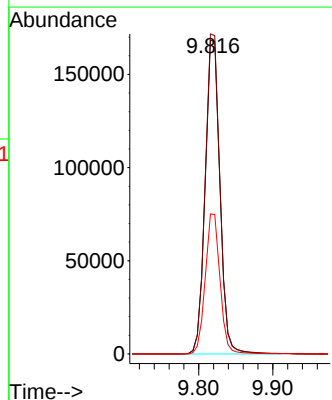
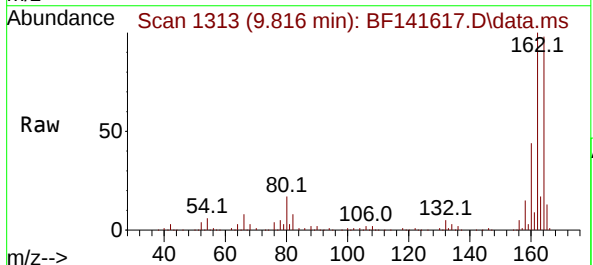
Instrument :
 BNA_F
 ClientSampleId :
 WATER-B

Tgt Ion: 82 Resp: 831477
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.8 52.2
 54 57.7 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: BF141617.D
 Acq: 13 Feb 2025 16:22

Tgt Ion:164 Resp: 233396
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.3 121.9
 160 44.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 151.888 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141617.D

Acq: 13 Feb 2025 16:22

Instrument :

BNA_F

ClientSampleId :

WATER-B

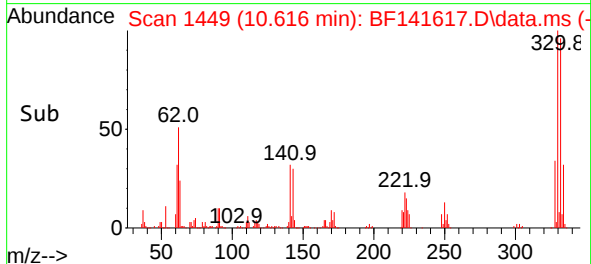
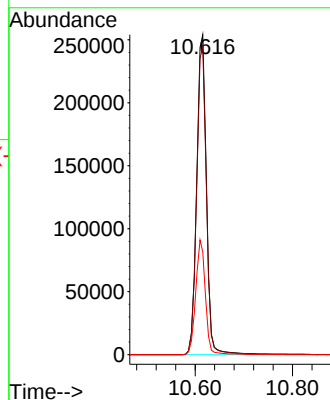
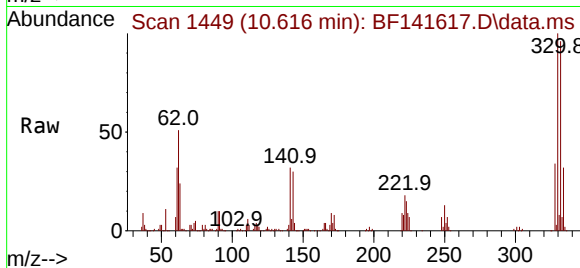
Tgt Ion:330 Resp: 356113

Ion Ratio Lower Upper

330 100

332 96.7 78.5 117.7

141 35.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 100.672 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141617.D

Acq: 13 Feb 2025 16:22

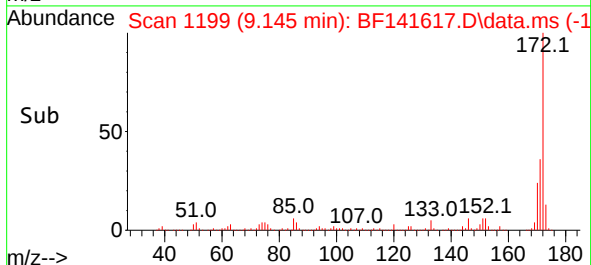
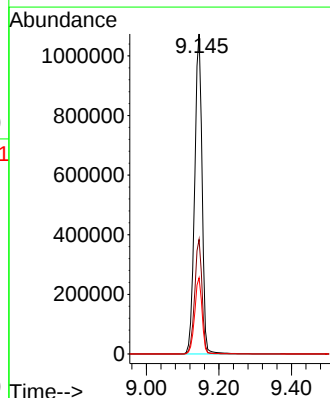
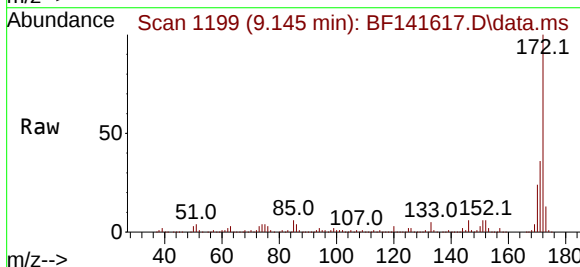
Tgt Ion:172 Resp: 1525103

Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.8 18.9 28.3

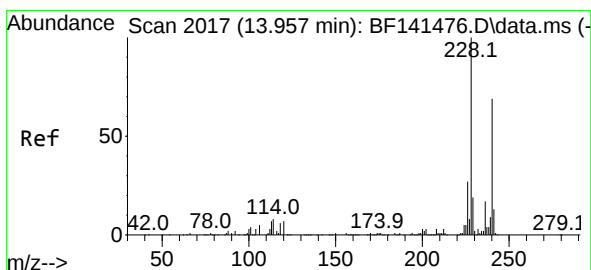
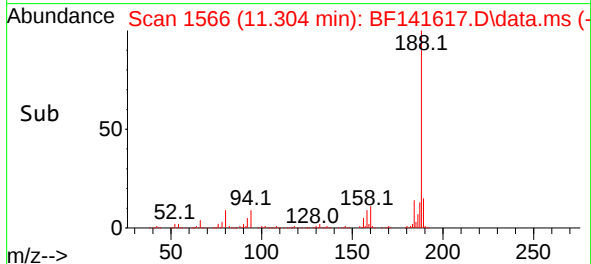
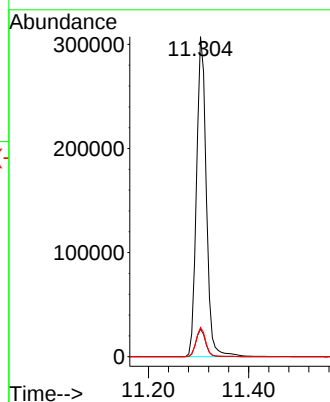
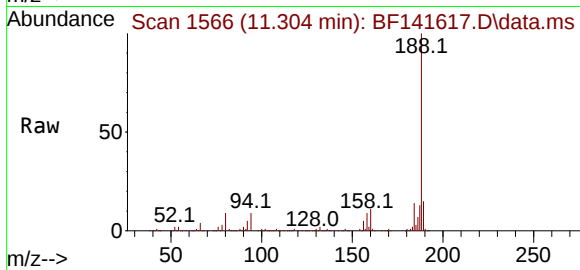




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141617.D
Acq: 13 Feb 2025 16:22

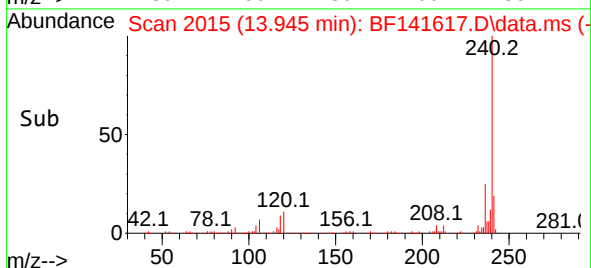
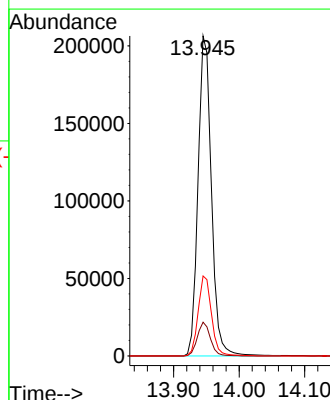
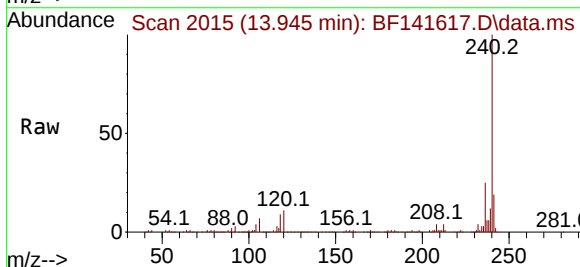
Instrument :
BNA_F
ClientSampleId :
WATER-B

Tgt Ion:188 Resp: 416407
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.2 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: BF141617.D
Acq: 13 Feb 2025 16:22

Tgt Ion:240 Resp: 293342
Ion Ratio Lower Upper
240 100
120 10.5 8.0 12.0
236 25.0 19.8 29.8



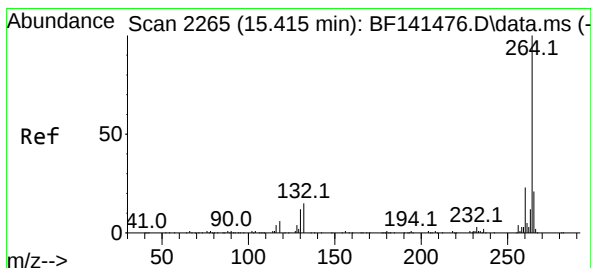
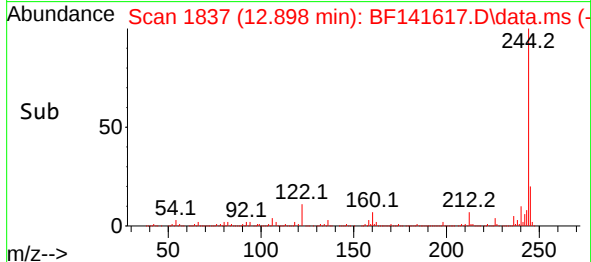
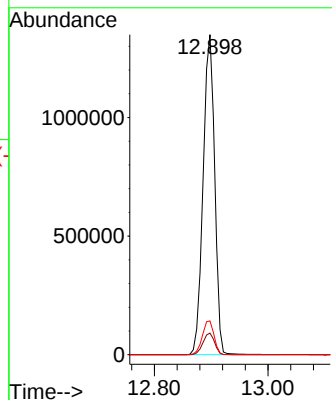
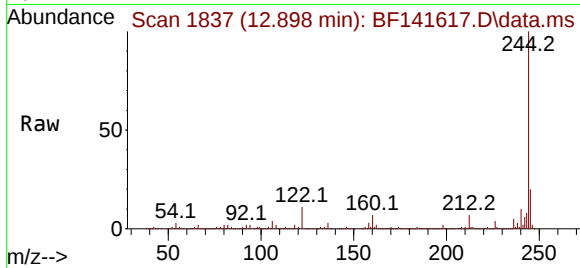


#79
 Terphenyl-d14
 Concen: 109.800 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141617.D
 Acq: 13 Feb 2025 16:22

Instrument :
 BNA_F
 ClientSampleId :
 WATER-B

Tgt Ion:244 Resp: 1907914

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.6	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: BF141617.D
 Acq: 13 Feb 2025 16:22

Tgt Ion:264 Resp: 197621

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.3	17.0	25.4

