

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101922\
 Data File : BF130722.D
 Acq On : 19 Oct 2022 21:01
 Operator : CG\JU
 Sample : N5181-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIT-14-EXCAVATION-WATER

Quant Time: Oct 20 02:47:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.569	152	78487	20.000	ng	0.00
21) Naphthalene-d8	7.851	136	312023	20.000	ng	0.00
39) Acenaphthene-d10	9.598	164	168123	20.000	ng	-0.01
64) Phenanthrene-d10	11.081	188	276240	20.000	ng	0.00
76) Chrysene-d12	13.710	240	161477	20.000	ng	-0.01
86) Perylene-d12	15.086	264	160791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	330750	75.961	ng	0.00
7) Phenol-d6	6.222	99	277869	50.757	ng	0.00
23) Nitrobenzene-d5	7.140	82	529104	92.571	ng	-0.01
42) 2,4,6-Tribromophenol	10.393	330	262935	159.832	ng	0.00
45) 2-Fluorobiphenyl	8.928	172	1029846	92.787	ng	-0.01
79) Terphenyl-d14	12.663	244	808880	83.140	ng	-0.01

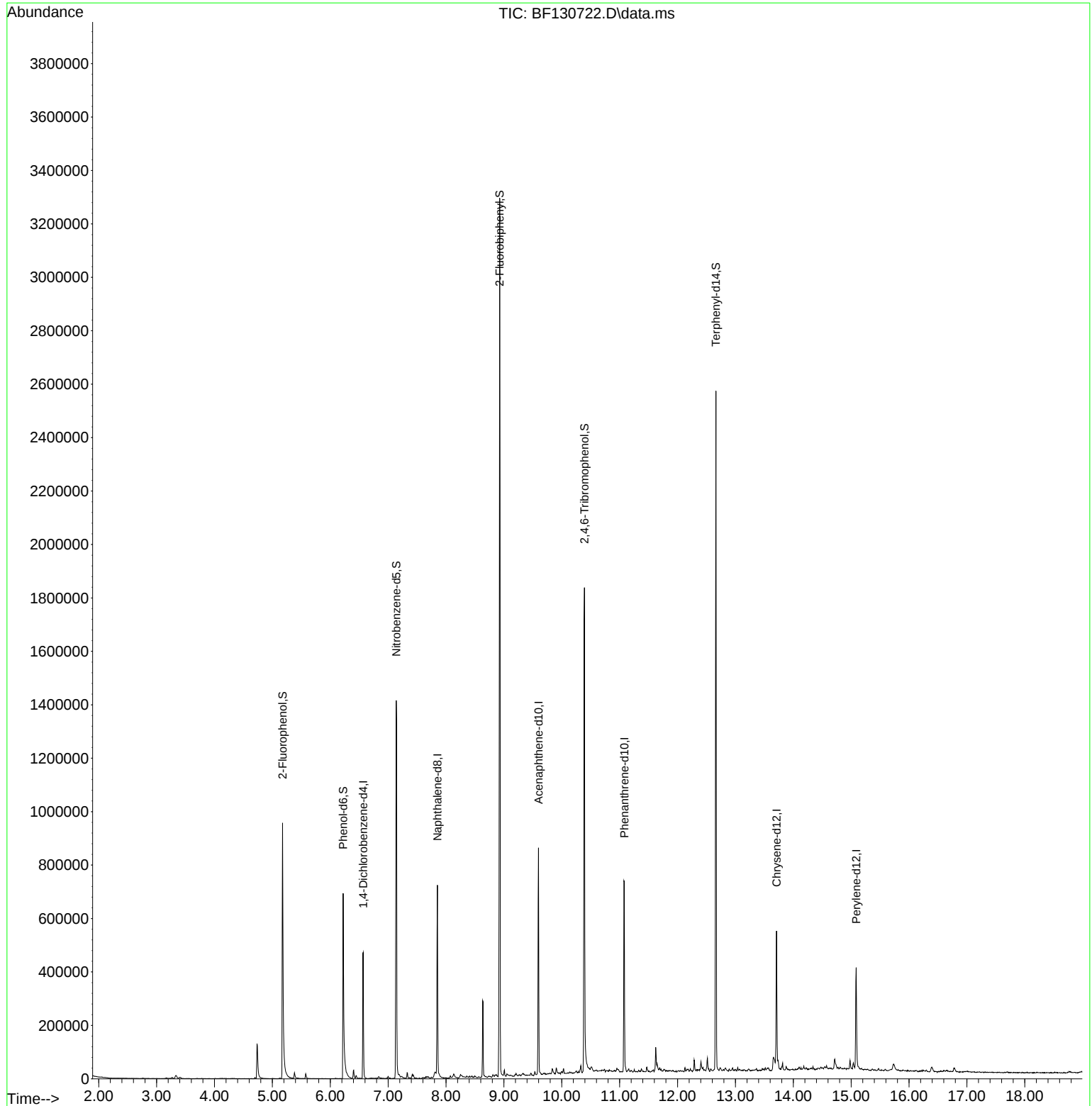
Target Compounds	Qvalue

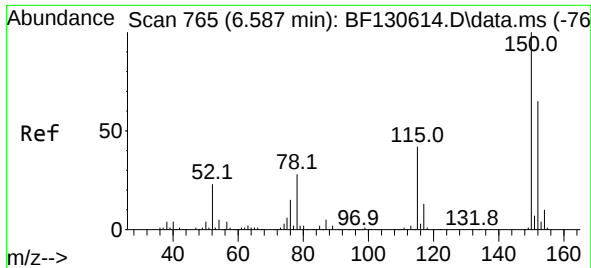
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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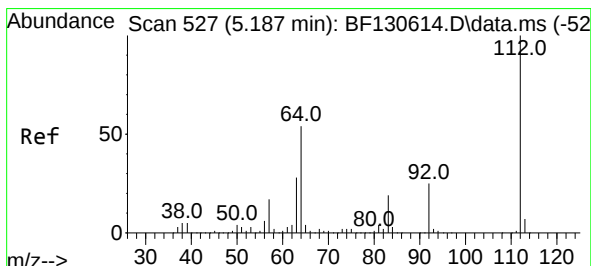
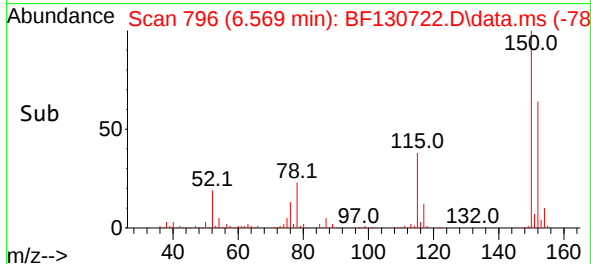
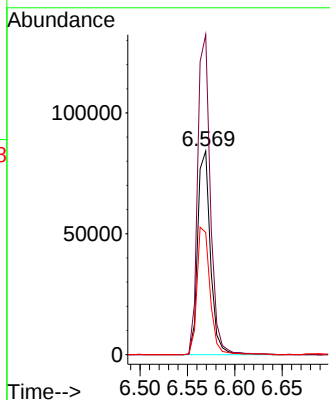
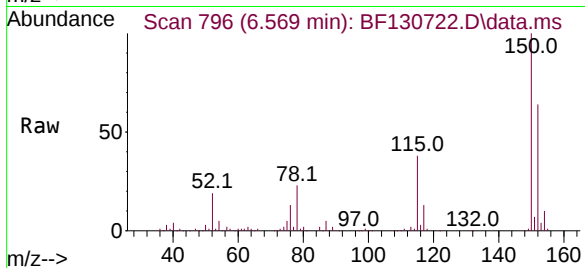




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.569 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF130722.D
Acq: 19 Oct 2022 21:01

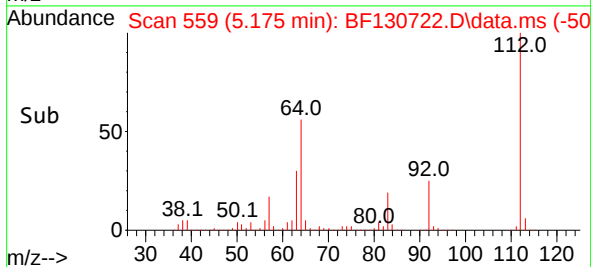
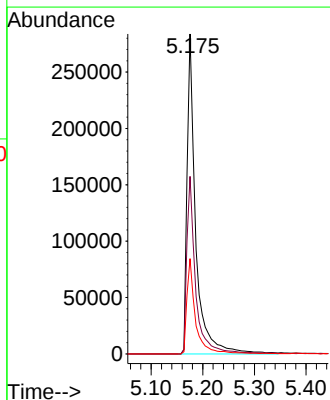
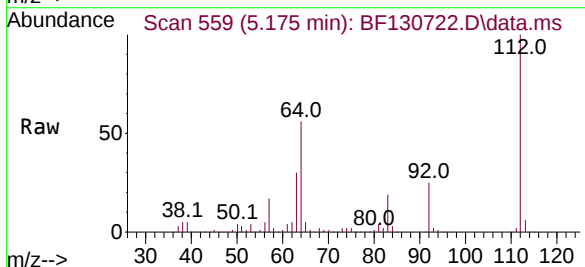
Instrument :
BNA_F
ClientSampleId :
PIT-14-EXCAVATION-WATER

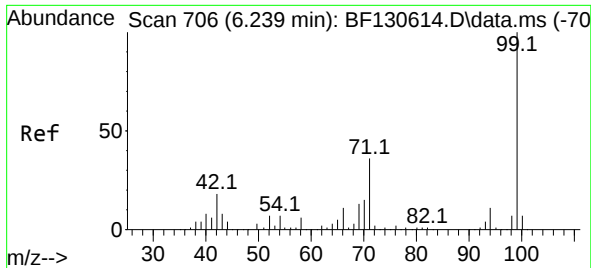
Tgt Ion:152 Resp: 78487
Ion Ratio Lower Upper
152 100
150 157.1 123.8 185.6
115 60.0 52.2 78.4



#5
2-Fluorophenol
Concen: 75.961 ng
RT: 5.175 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF130722.D
Acq: 19 Oct 2022 21:01

Tgt Ion:112 Resp: 330750
Ion Ratio Lower Upper
112 100
64 55.5 43.5 65.3
63 29.8 22.6 34.0

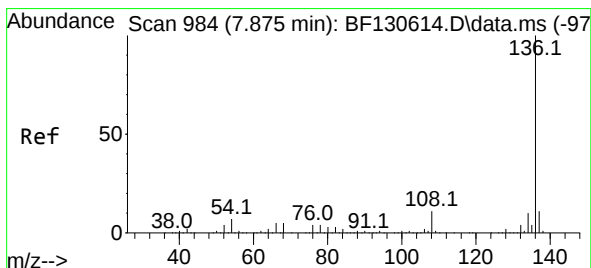
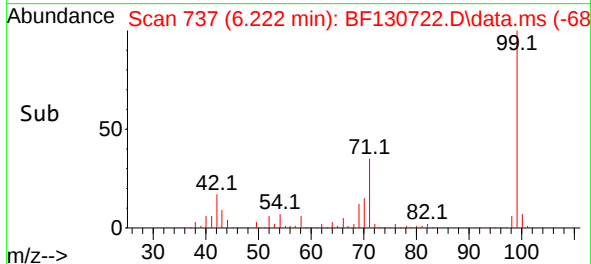
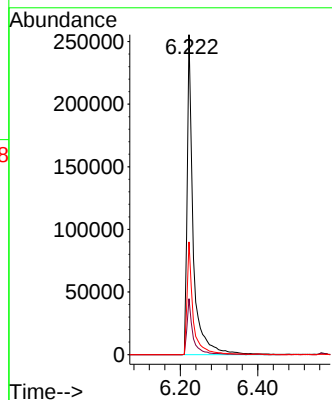
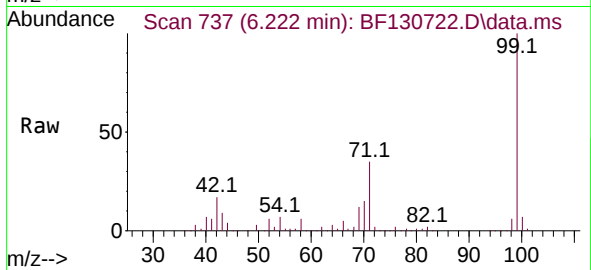




#7
Phenol-d6
Concen: 50.757 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130722.D
Acq: 19 Oct 2022 21:01

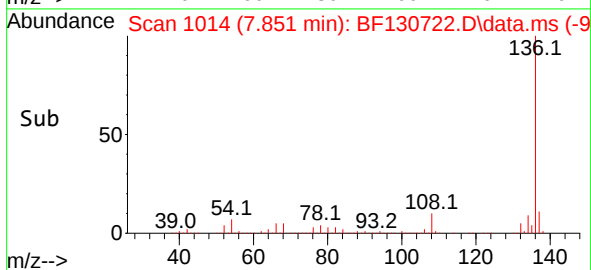
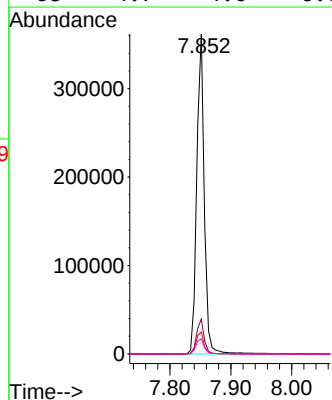
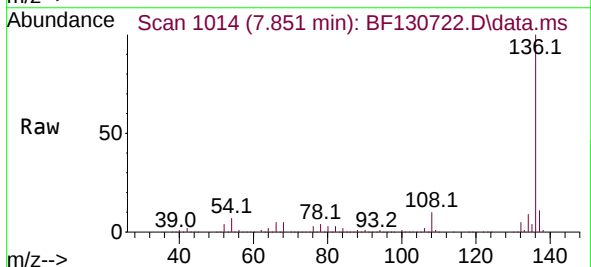
Instrument :
BNA_F
ClientSampleId :
PIT-14-EXCAVATION-WATER

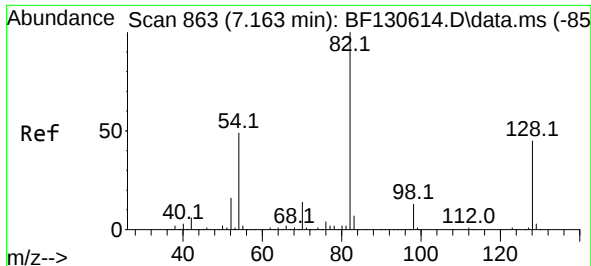
Tgt Ion: 99 Resp: 277869
Ion Ratio Lower Upper
99 100
42 17.5 14.0 21.0
71 35.2 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.851 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF130722.D
Acq: 19 Oct 2022 21:01

Tgt Ion: 136 Resp: 312023
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.8 5.5 8.3
68 4.7 4.0 6.0

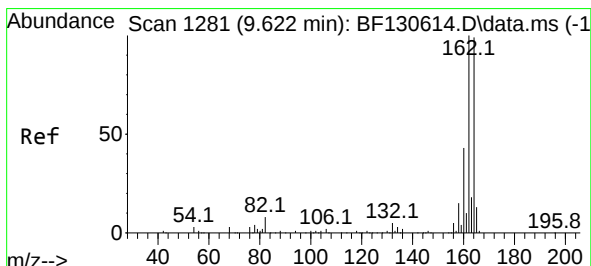
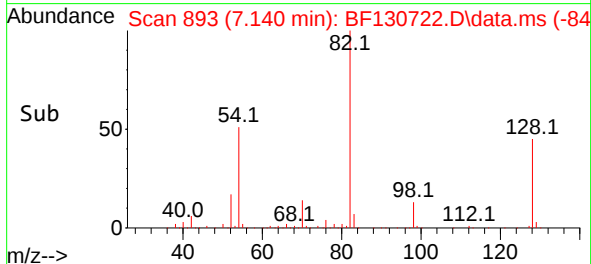
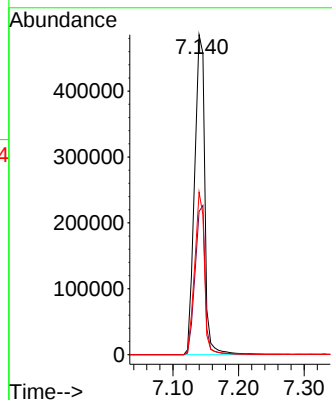
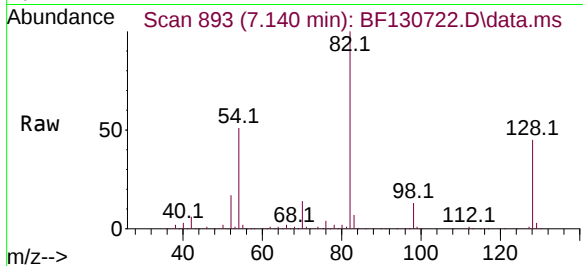




#23
 Nitrobenzene-d5
 Concen: 92.571 ng
 RT: 7.140 min Scan# 89
 Delta R.T. -0.012 min
 Lab File: BF130722.D
 Acq: 19 Oct 2022 21:01

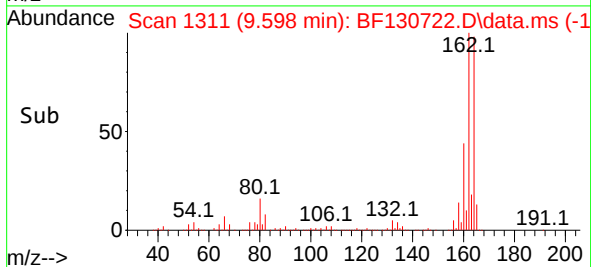
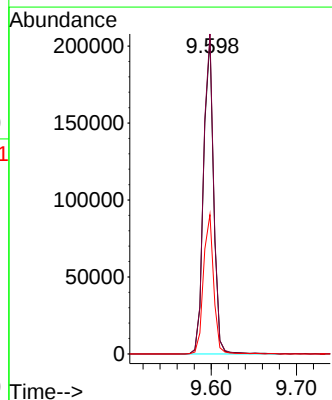
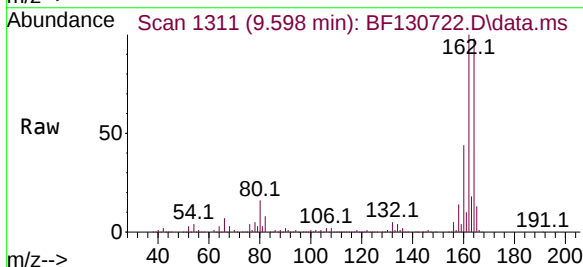
Instrument :
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 PIT-14-EXCAVATION-WATER

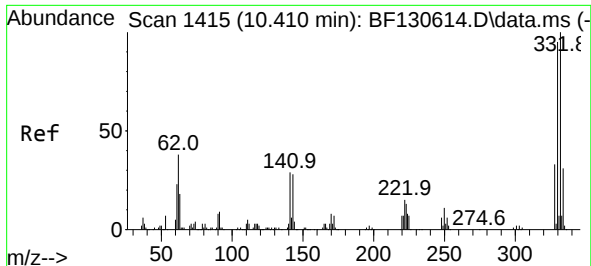
Tgt Ion: 82 Resp: 529104
 Ion Ratio Lower Upper
 82 100
 128 44.7 35.8 53.6
 54 50.8 39.3 58.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.598 min Scan# 1311
 Delta R.T. -0.012 min
 Lab File: BF130722.D
 Acq: 19 Oct 2022 21:01

Tgt Ion:164 Resp: 168123
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.0 121.4
 160 44.2 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 159.832 ng

RT: 10.393 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF130722.D

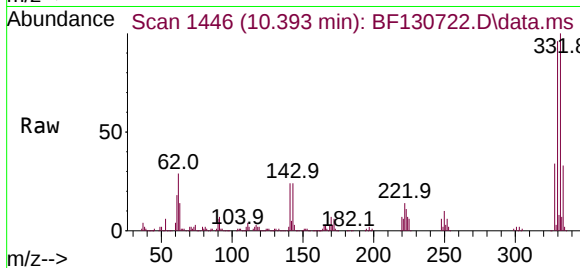
Acq: 19 Oct 2022 21:01

Instrument :

BNA_F

ClientSampleId :

PIT-14-EXCAVATION-WATER



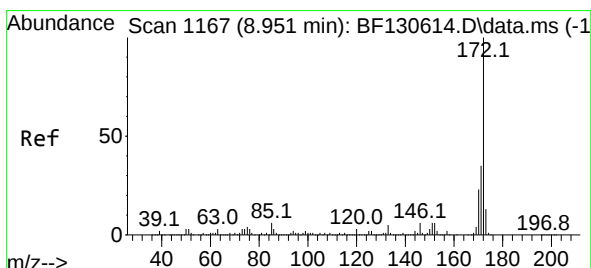
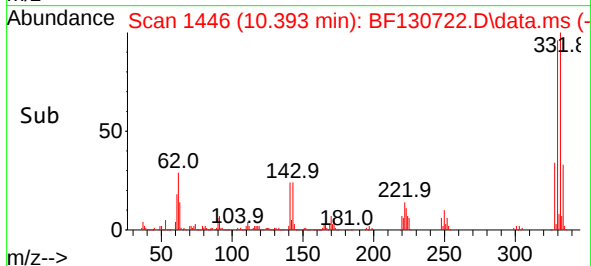
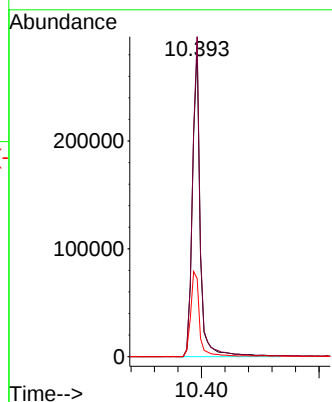
Tgt Ion:330 Resp: 262935

Ion Ratio Lower Upper

330 100

332 102.3 84.2 126.4

141 31.3 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 92.787 ng

RT: 8.928 min Scan# 1197

Delta R.T. -0.011 min

Lab File: BF130722.D

Acq: 19 Oct 2022 21:01

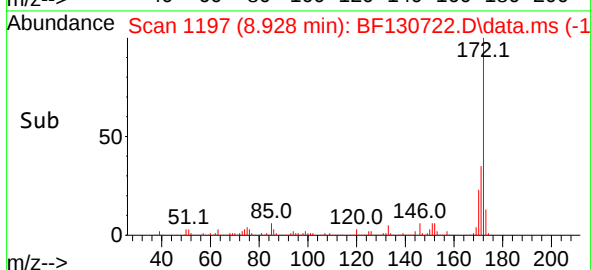
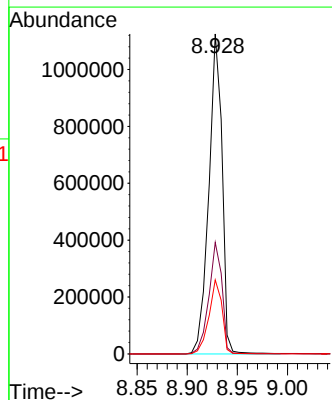
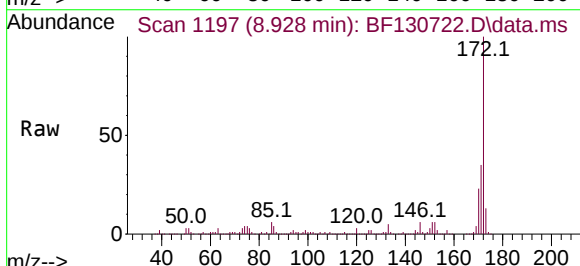
Tgt Ion:172 Resp: 1029846

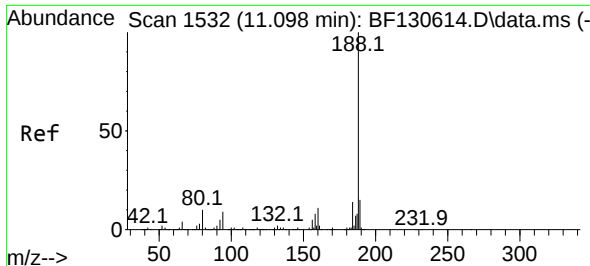
Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.8

170 23.2 18.6 27.8

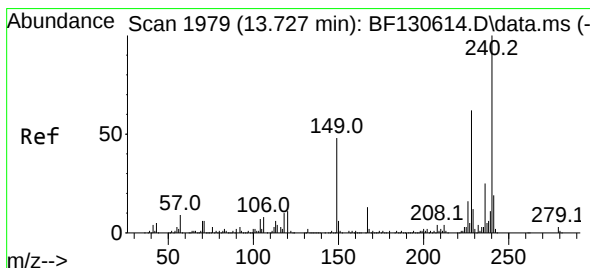
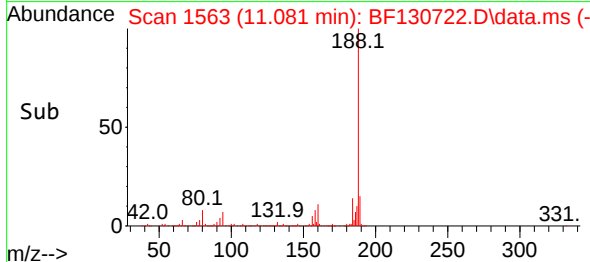
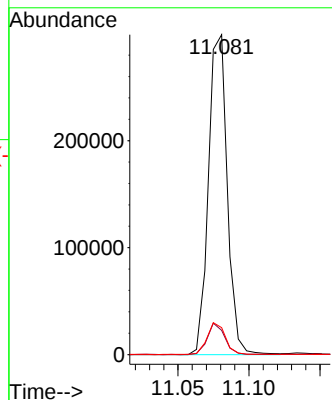
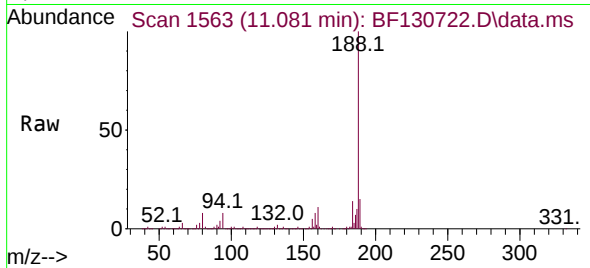




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130722.D
Acq: 19 Oct 2022 21:01

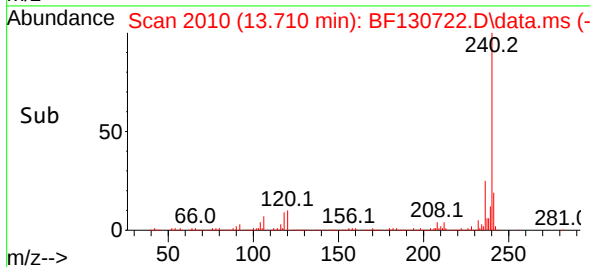
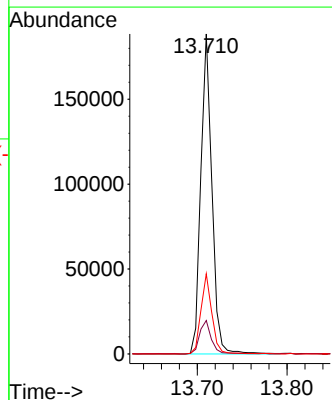
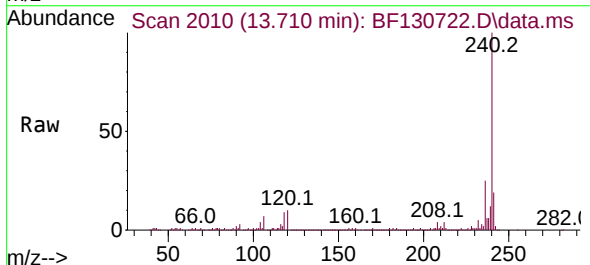
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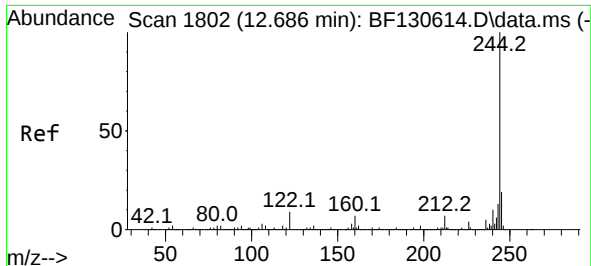
Tgt Ion:188 Resp: 276240
Ion Ratio Lower Upper
188 100
94 7.6 7.4 11.2
80 8.4 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF130722.D
Acq: 19 Oct 2022 21:01

Tgt Ion:240 Resp: 161477
Ion Ratio Lower Upper
240 100
120 10.4 8.6 13.0
236 25.0 20.2 30.4

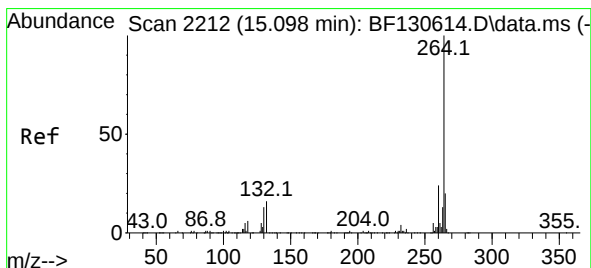
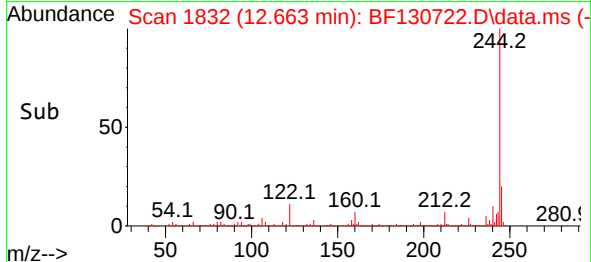
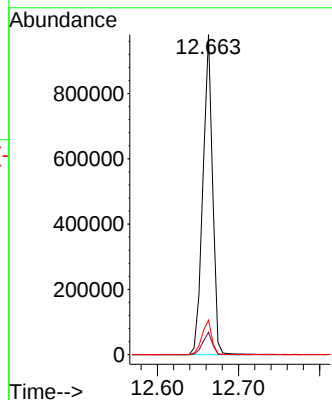
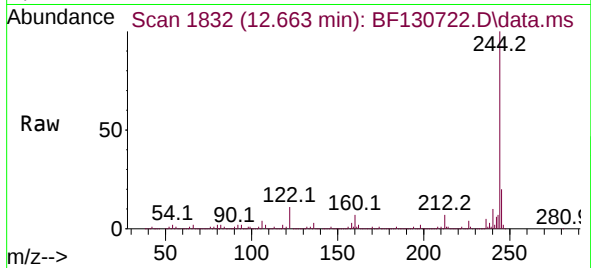




#79
 Terphenyl-d14
 Concen: 83.140 ng
 RT: 12.663 min Scan# 1802
 Delta R.T. -0.012 min
 Lab File: BF130722.D
 Acq: 19 Oct 2022 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PIT-14-EXCAVATION-WATER

Tgt Ion:244 Resp: 808880
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.8 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.086 min Scan# 2244
 Delta R.T. 0.000 min
 Lab File: BF130722.D
 Acq: 19 Oct 2022 21:01

Tgt Ion:264 Resp: 160791
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 20.9 16.4 24.6

