

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136318.D
 Acq On : 30 Nov 2023 17:32
 Operator : CG\JU
 Sample : 05451-03RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-01RE

Quant Time: Dec 01 00:09:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	132310	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	532791	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	253869	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	406371	20.000	ng	0.00
76) Chrysene-d12	13.980	240	240758	20.000	ng	-0.01
86) Perylene-d12	15.463	264	249610	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	343	0.036	ng	0.01
7) Phenol-d6	6.428	99	5043	0.424	ng	-0.02
23) Nitrobenzene-d5	7.369	82	997402	98.924	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.163	172	2026311	101.951	ng	0.00
79) Terphenyl-d14	12.927	244	1185367	56.792	ng	0.00

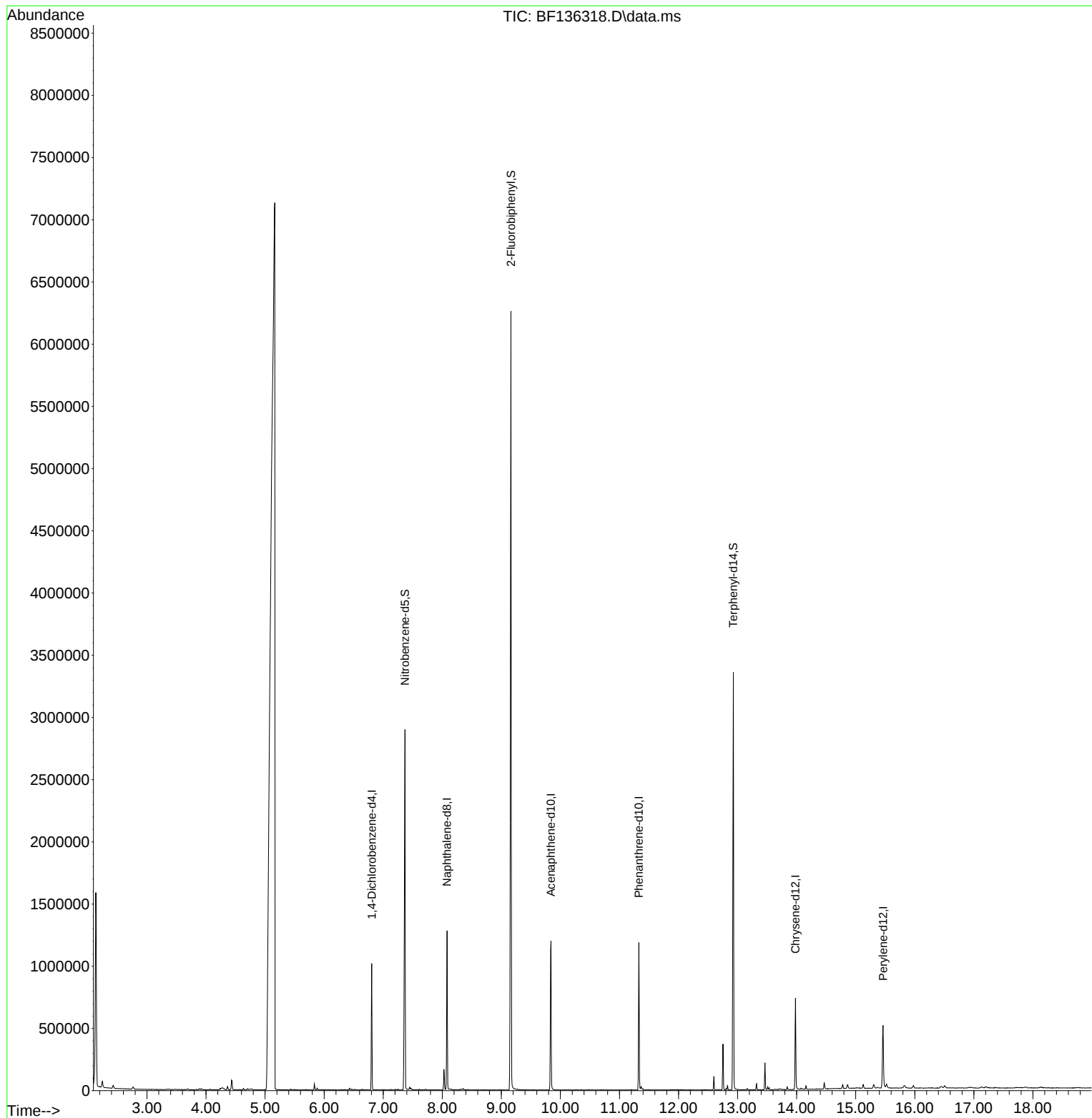
Target Compounds	Qvalue

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

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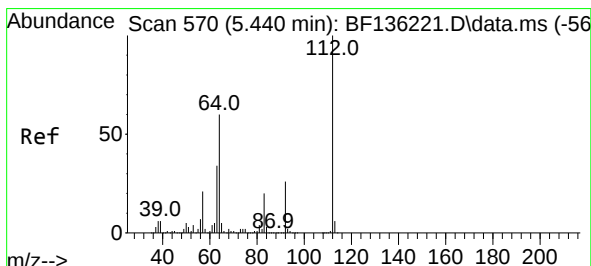
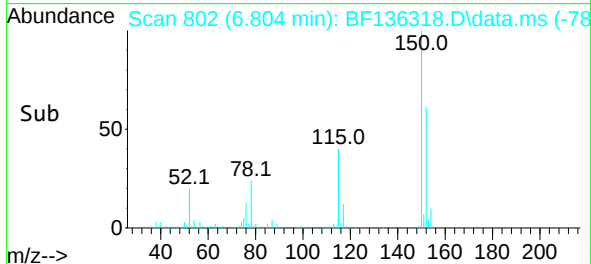
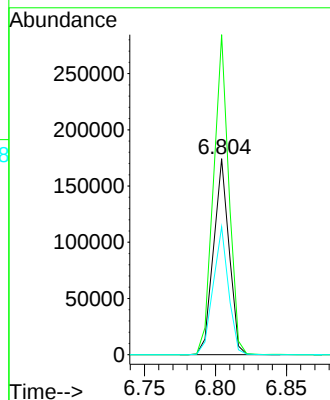
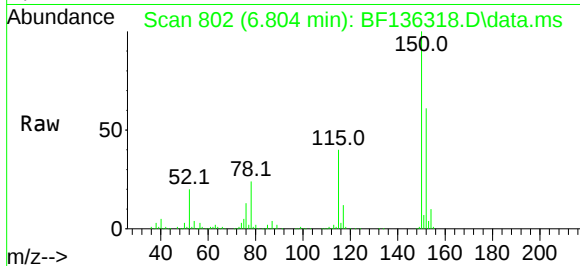




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136318.D
Acq: 30 Nov 2023 17:32

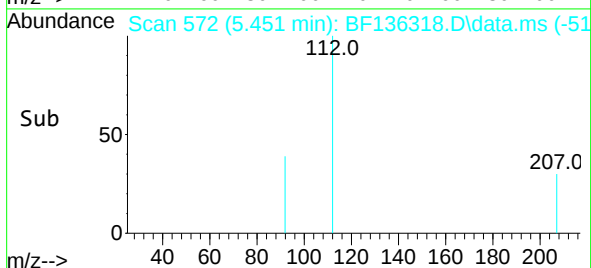
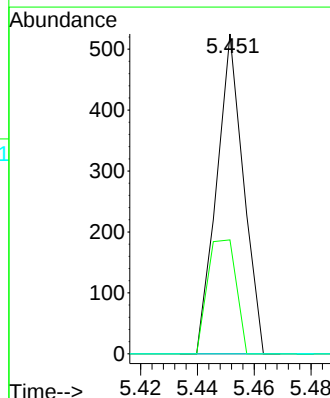
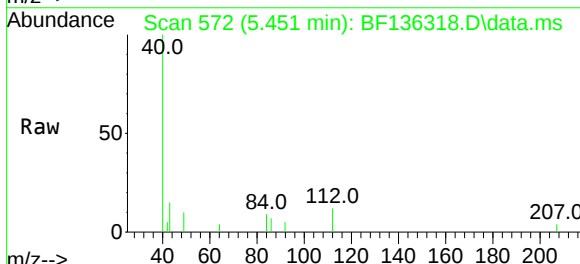
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-01RE

Tgt Ion:152 Resp: 132310
Ion Ratio Lower Upper
152 100
150 163.2 137.8 206.8
115 65.2 52.7 79.1



#5
2-Fluorophenol
Concen: 0.036 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136318.D
Acq: 30 Nov 2023 17:32

Tgt Ion:112 Resp: 343
Ion Ratio Lower Upper
112 100
64 35.6 48.2 72.4#
63 0.0 27.0 40.6#

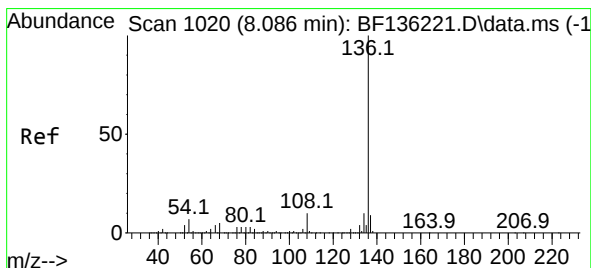
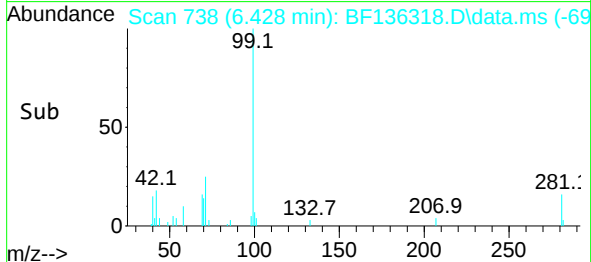
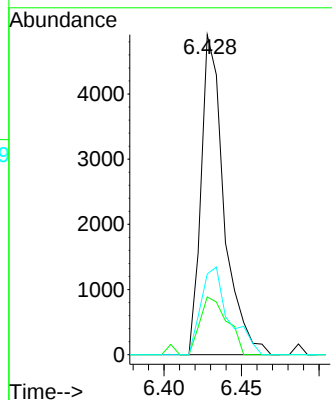
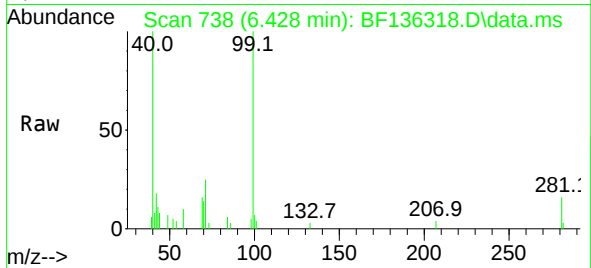




#7
Phenol-d6
Concen: 0.424 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF136318.D
Acq: 30 Nov 2023 17:32

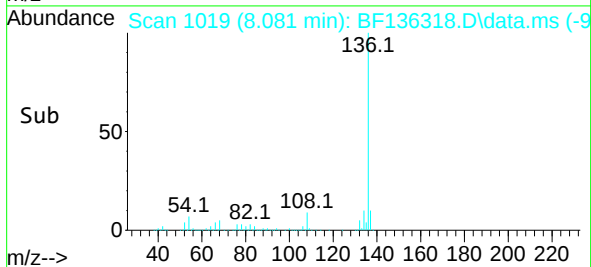
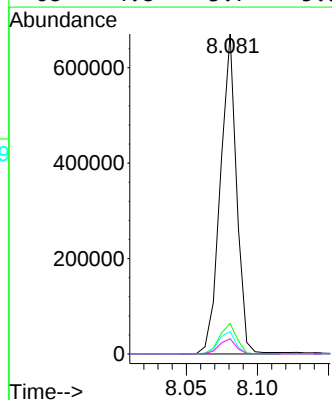
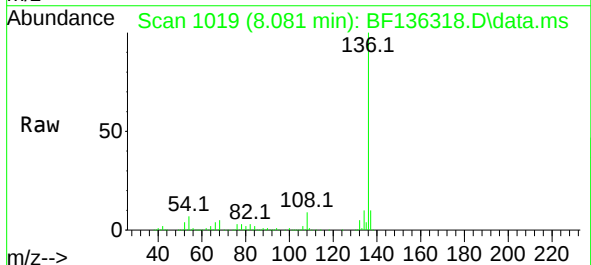
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-01RE

Tgt Ion: 99 Resp: 5043
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.6
71 25.2 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136318.D
Acq: 30 Nov 2023 17:32

Tgt Ion: 136 Resp: 532791
Ion Ratio Lower Upper
136 100
137 9.5 7.4 11.2
54 7.0 5.5 8.3
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 98.924 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136318.D

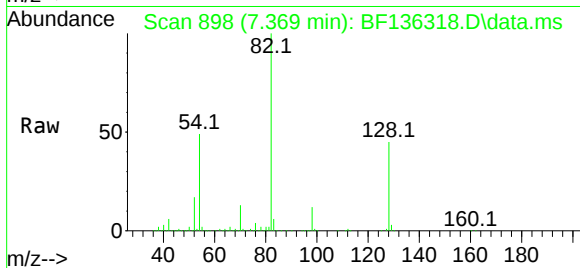
Acq: 30 Nov 2023 17:32

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-01RE



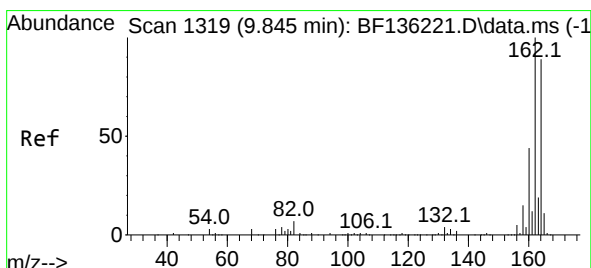
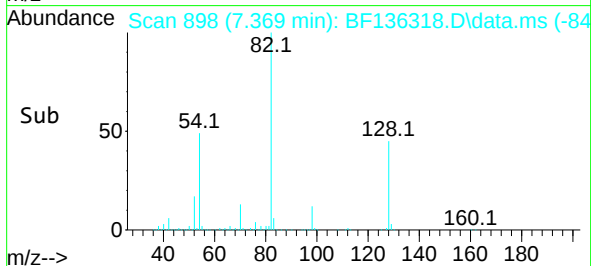
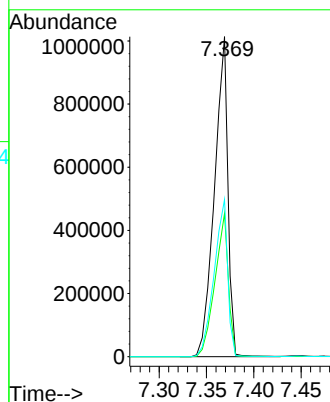
Tgt Ion: 82 Resp: 997402

Ion Ratio Lower Upper

82 100

128 44.7 33.4 50.2

54 49.1 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136318.D

Acq: 30 Nov 2023 17:32

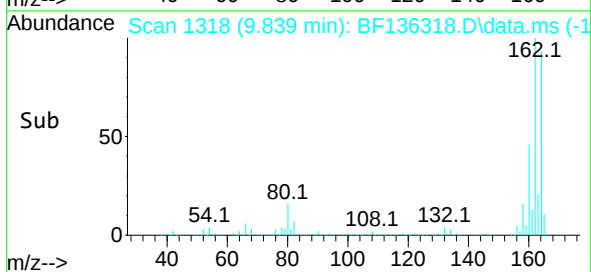
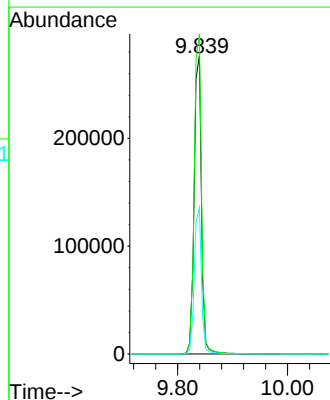
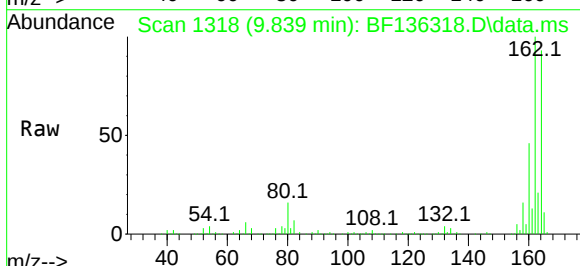
Tgt Ion: 164 Resp: 253869

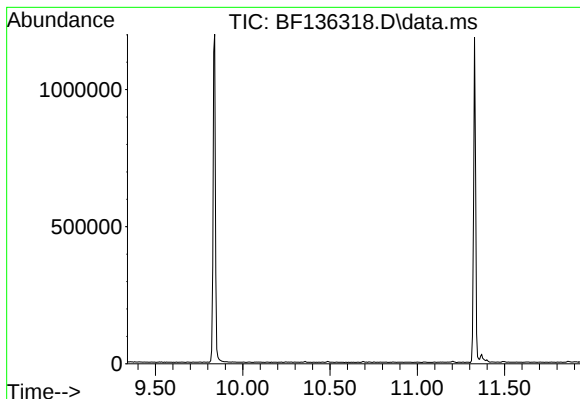
Ion Ratio Lower Upper

164 100

162 107.2 89.5 134.3

160 49.1 39.6 59.4

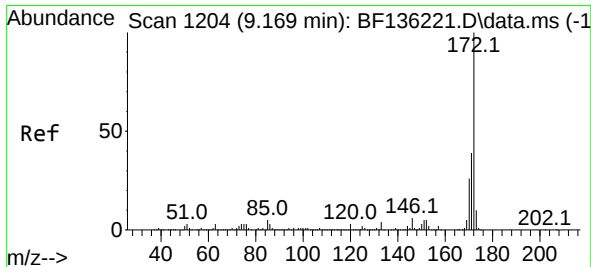
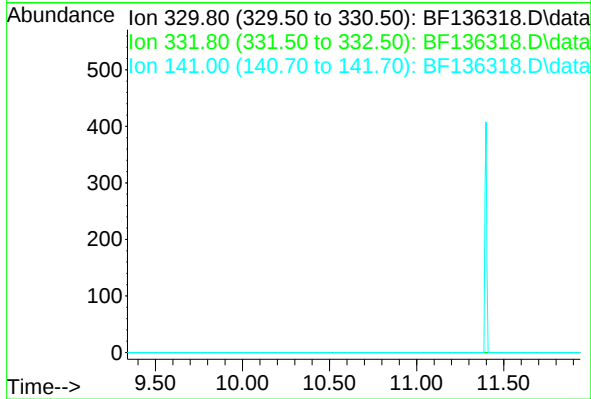




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.64 min
 Lab File: BF136318.D
 Acq: 30 Nov 2023 17:32

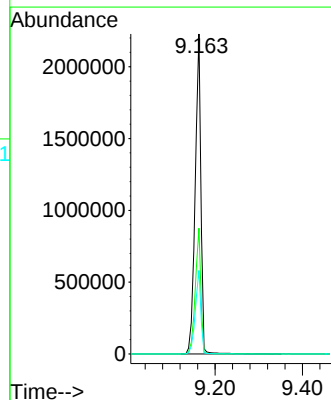
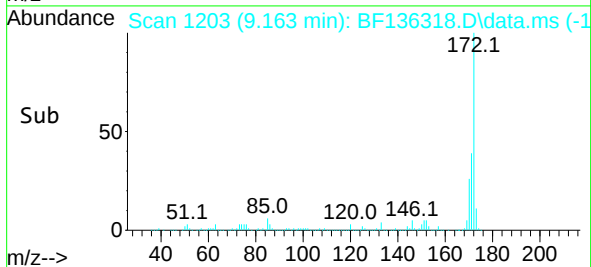
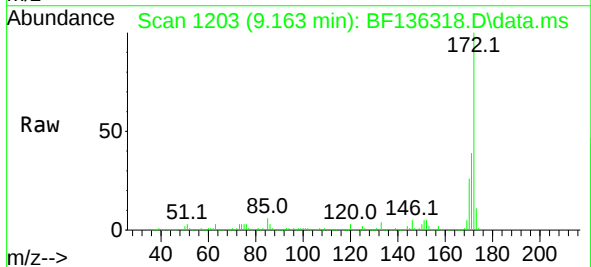
Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-01RE

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 91.3
 141 30.2



#45
 2-Fluorobiphenyl
 Concen: 101.951 ng
 RT: 9.163 min Scan# 1203
 Delta R.T. -0.006 min
 Lab File: BF136318.D
 Acq: 30 Nov 2023 17:32

Tgt Ion: 172 Resp: 2026311
 Ion Ratio Lower Upper
 172 100
 171 39.3 31.5 47.3
 170 26.1 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF136318.D

Acq: 30 Nov 2023 17:32

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-01RE

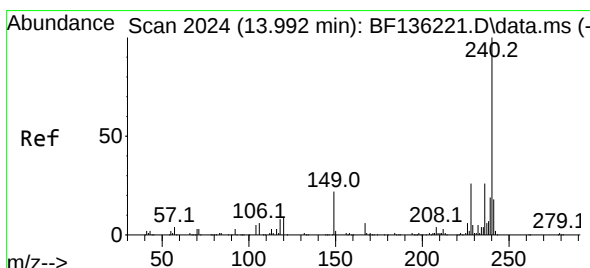
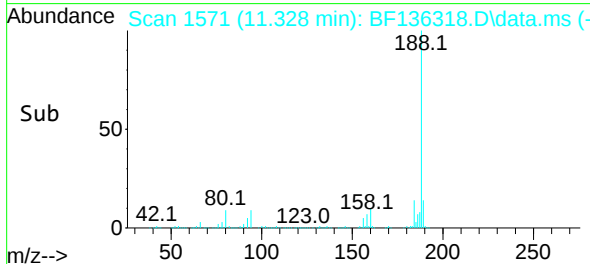
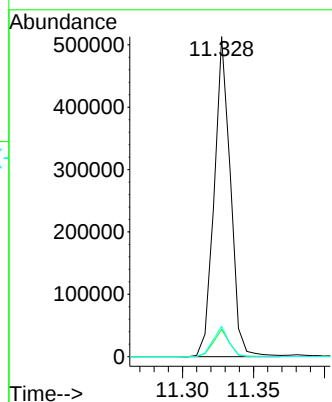
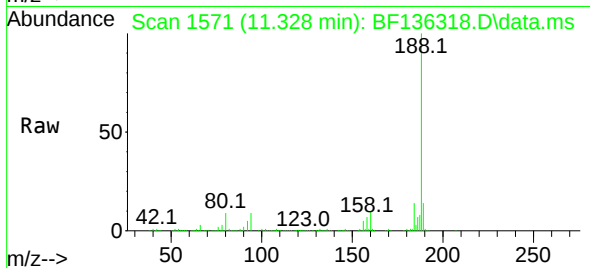
Tgt Ion:188 Resp: 406371

Ion Ratio Lower Upper

188 100

94 8.6 6.7 10.1

80 9.5 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF136318.D

Acq: 30 Nov 2023 17:32

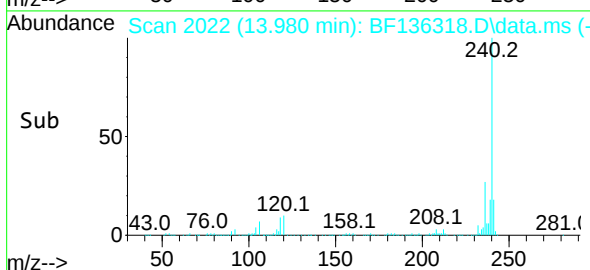
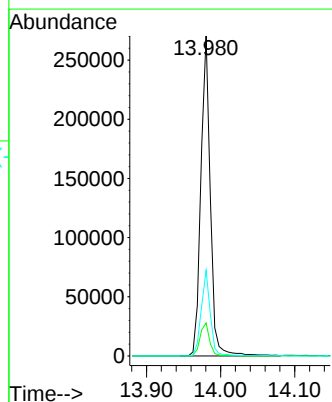
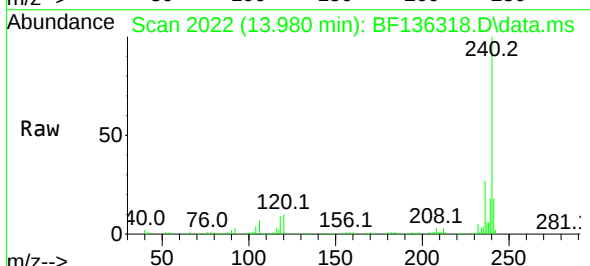
Tgt Ion:240 Resp: 240758

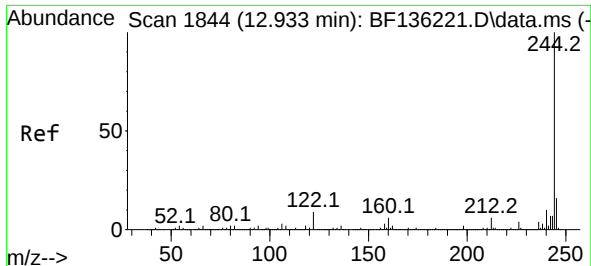
Ion Ratio Lower Upper

240 100

120 10.3 7.4 11.2

236 26.8 21.1 31.7

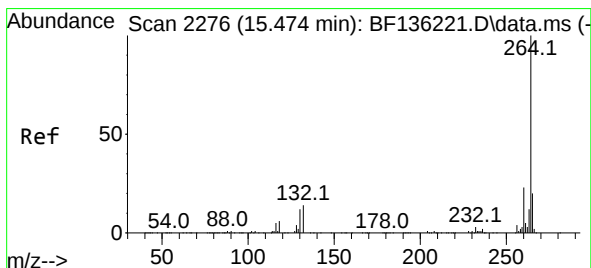
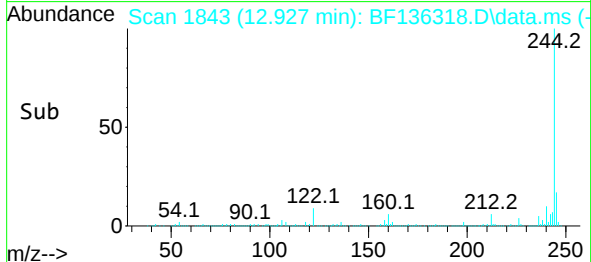
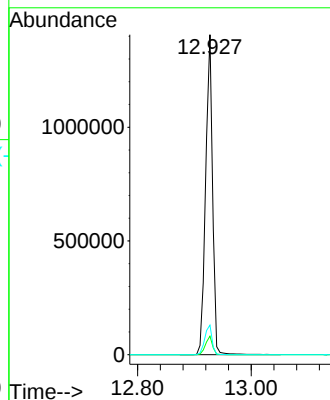
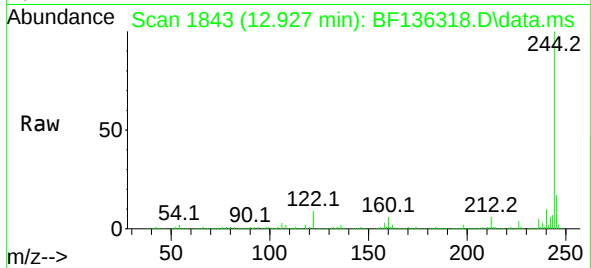




#79
 Terphenyl-d14
 Concen: 56.792 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136318.D
 Acq: 30 Nov 2023 17:32

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-01RE

Tgt Ion:244 Resp: 1185367
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.6 7.0
 122 9.2 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.011 min
 Lab File: BF136318.D
 Acq: 30 Nov 2023 17:32

Tgt Ion:264 Resp: 249610
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.6 27.8
 265 20.7 15.7 23.5

