

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126609.D
 Acq On : 20 Jan 2022 14:31
 Operator : CG/JU
 Sample : N1189-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-1

Quant Time: Jan 20 15:32:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	99306	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	389584	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	208506	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	340909	20.000	ng	0.00
76) Chrysene-d12	14.139	240	190020	20.000	ng	#-0.01
86) Perylene-d12	15.668	264	199589	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	752496	99.713	ng	0.00
7) Phenol-d6	6.575	99	1025041	97.761	ng	0.00
23) Nitrobenzene-d5	7.522	82	759452	76.301	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	195336	100.106	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	911443	66.946	ng	0.00
79) Terphenyl-d14	13.086	244	744630	65.727	ng	0.00

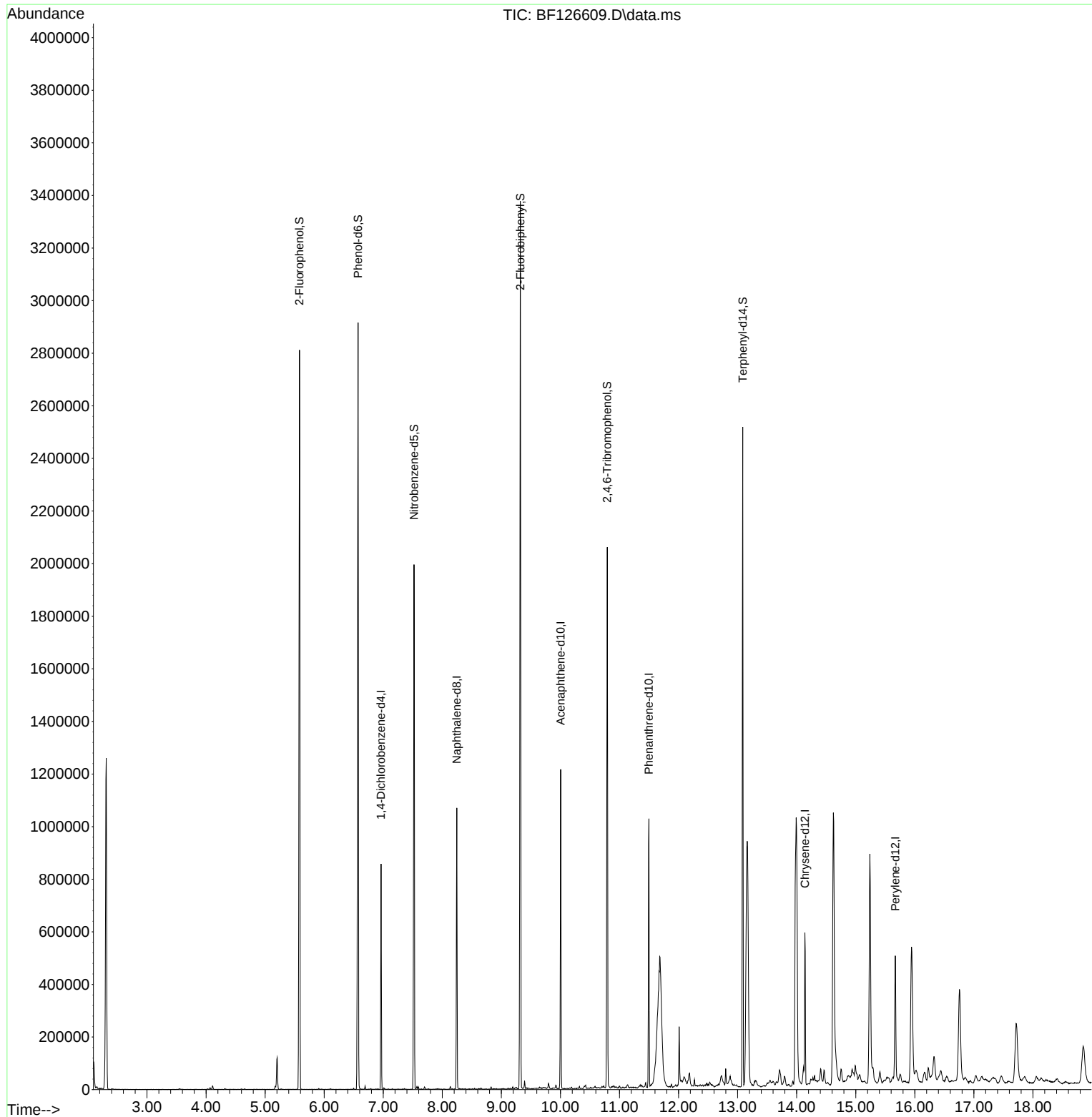
Target Compounds	Qvalue

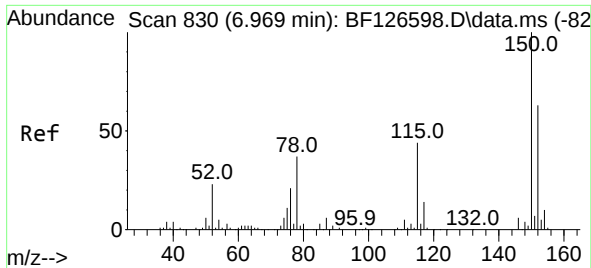
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126609.D
Acq On : 20 Jan 2022 14:31
Operator : CG/JU
Sample : N1189-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-1

Quant Time: Jan 20 15:32:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 19 07:04:14 2022
Response via : Initial Calibration

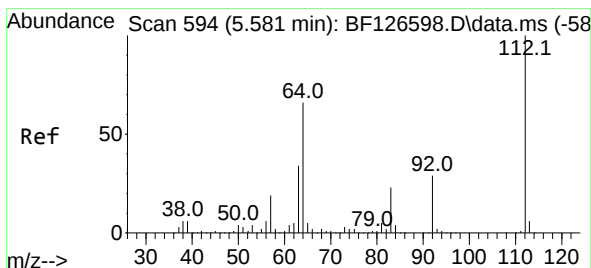
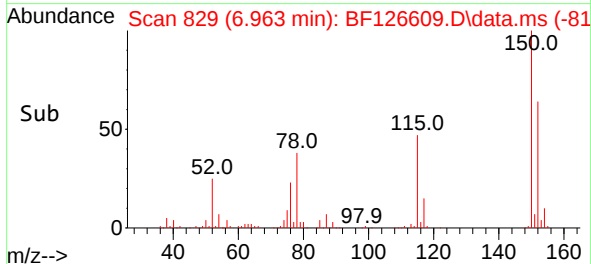
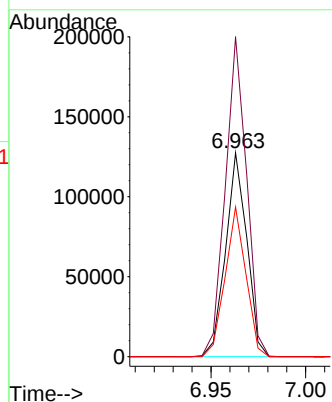
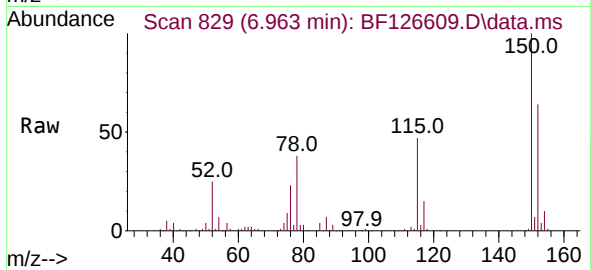




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF126609.D
 Acq: 20 Jan 2022 14:31

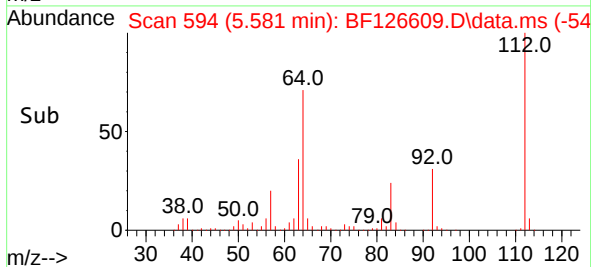
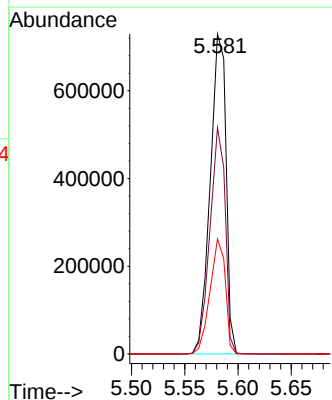
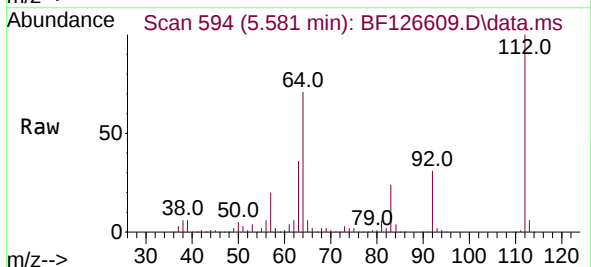
Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-1

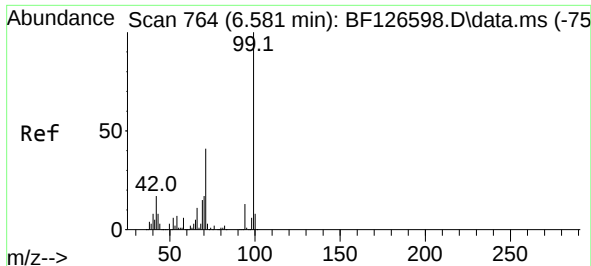
Tgt Ion:152 Resp: 99306
 Ion Ratio Lower Upper
 152 100
 150 157.0 128.1 192.1
 115 73.4 56.7 85.1



#5
 2-Fluorophenol
 Concen: 99.713 ng
 RT: 5.581 min Scan# 594
 Delta R.T. -0.000 min
 Lab File: BF126609.D
 Acq: 20 Jan 2022 14:31

Tgt Ion:112 Resp: 752496
 Ion Ratio Lower Upper
 112 100
 64 70.8 49.5 74.3
 63 36.0 23.9 35.9#

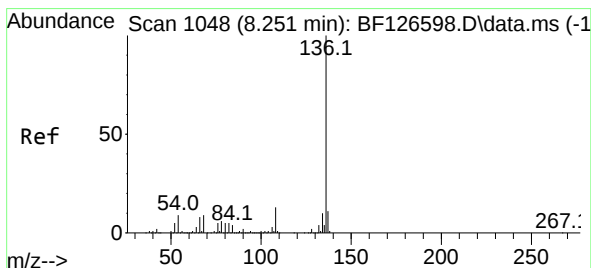
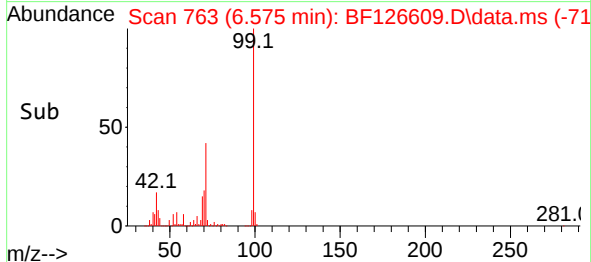
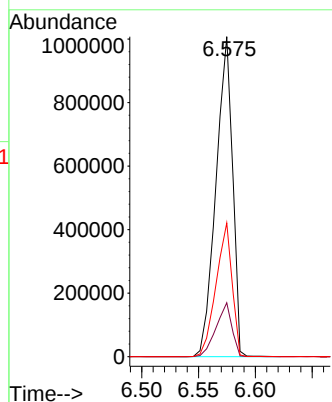
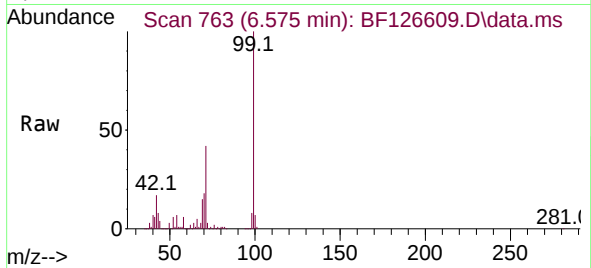




#7
Phenol-d6
Concen: 97.761 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF126609.D
Acq: 20 Jan 2022 14:31

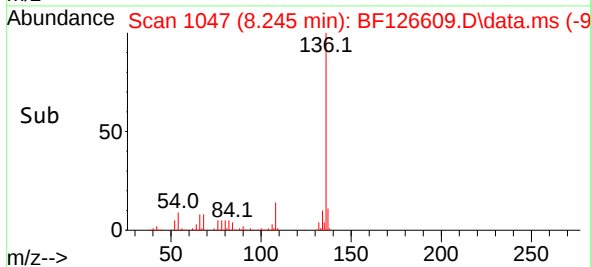
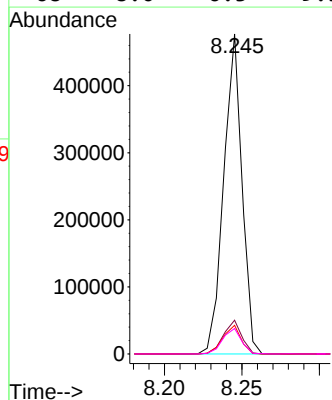
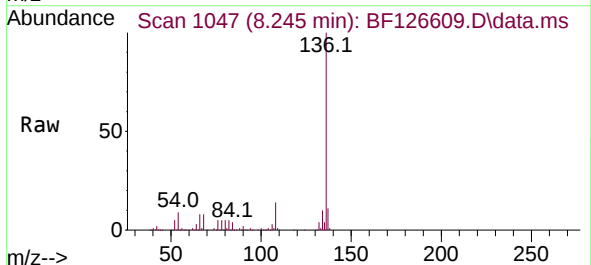
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-1

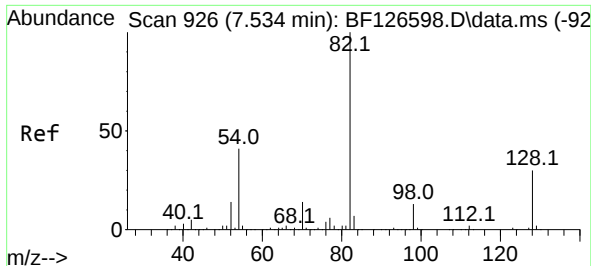
Tgt Ion: 99 Resp: 1025041
Ion Ratio Lower Upper
99 100
42 16.9 14.2 21.4
71 41.8 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126609.D
Acq: 20 Jan 2022 14:31

Tgt Ion: 136 Resp: 389584
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.9 7.8 11.6
68 8.0 6.3 9.5

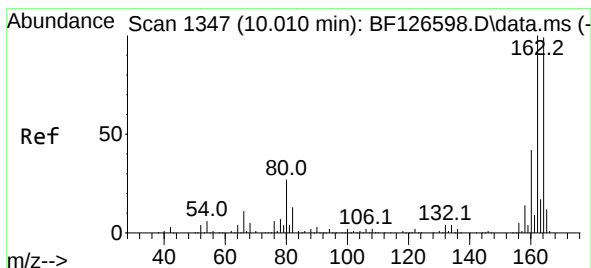
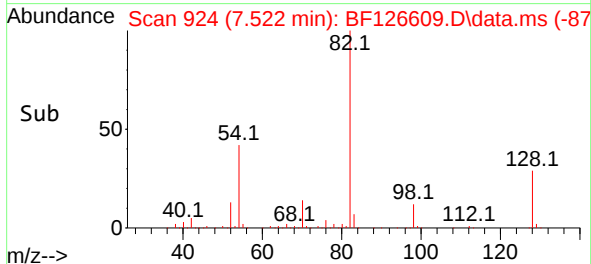
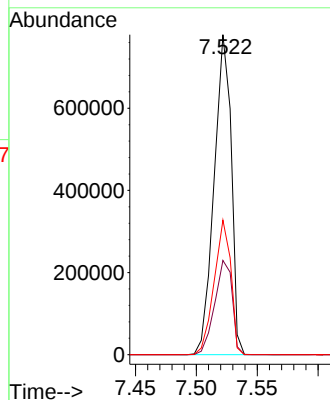
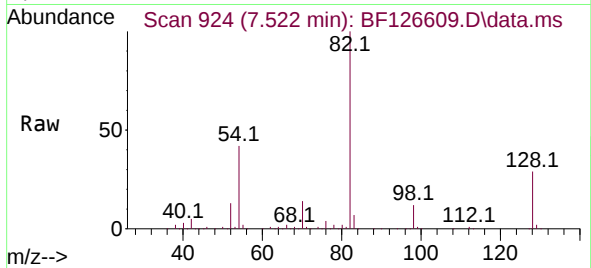




#23
 Nitrobenzene-d5
 Concen: 76.301 ng
 RT: 7.522 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BF126609.D
 Acq: 20 Jan 2022 14:31

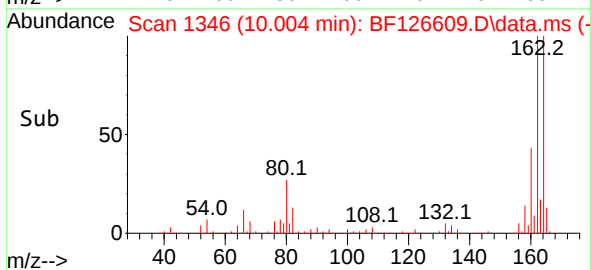
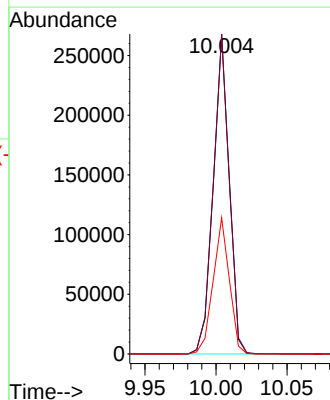
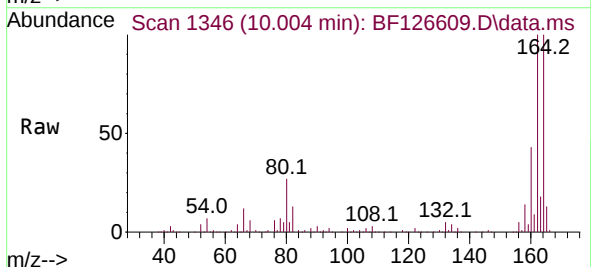
Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-1

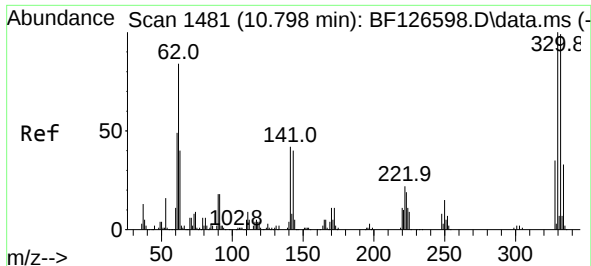
Tgt Ion: 82 Resp: 759452
 Ion Ratio Lower Upper
 82 100
 128 29.5 32.7 49.1#
 54 42.1 41.7 62.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.004 min Scan# 1346
 Delta R.T. -0.006 min
 Lab File: BF126609.D
 Acq: 20 Jan 2022 14:31

Tgt Ion: 164 Resp: 208506
 Ion Ratio Lower Upper
 164 100
 162 99.9 81.4 122.0
 160 42.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 100.106 ng

RT: 10.792 min Scan# 1481

Delta R.T. -0.006 min

Lab File: BF126609.D

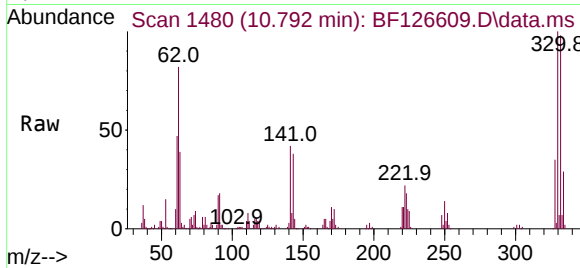
Acq: 20 Jan 2022 14:31

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-1



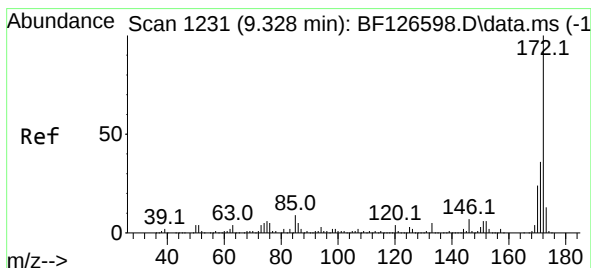
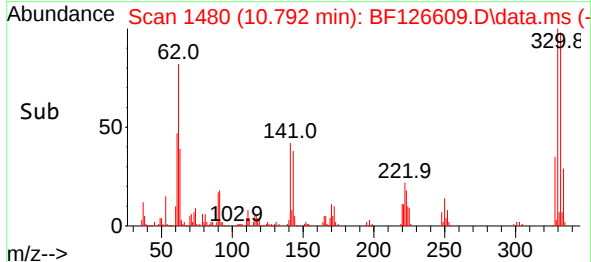
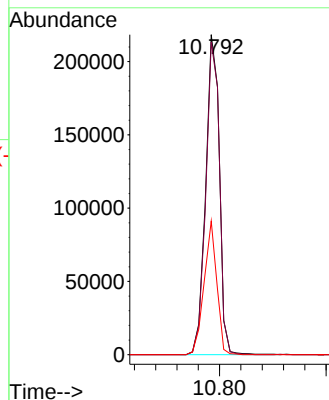
Tgt Ion:330 Resp: 195336

Ion Ratio Lower Upper

330 100

332 97.6 76.0 114.0

141 38.8 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 66.946 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF126609.D

Acq: 20 Jan 2022 14:31

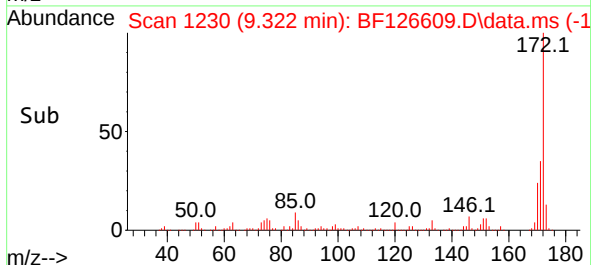
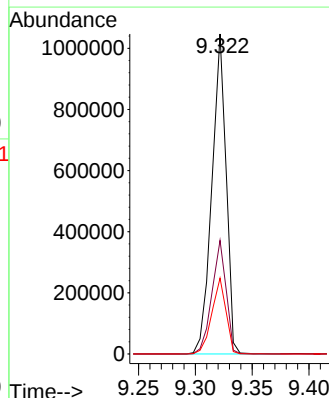
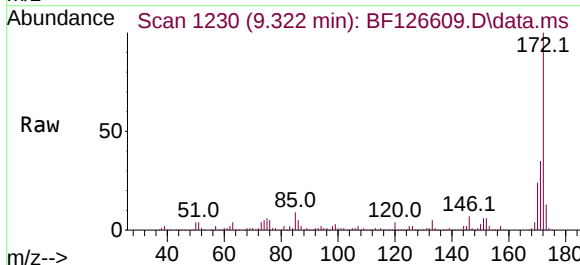
Tgt Ion:172 Resp: 911443

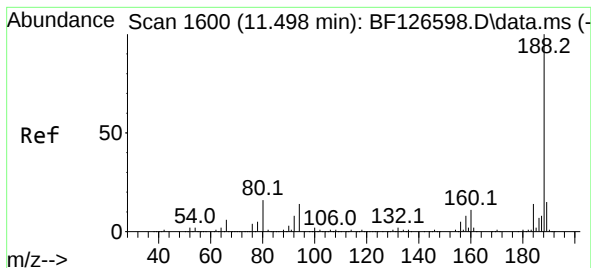
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126609.D

Acq: 20 Jan 2022 14:31

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-1

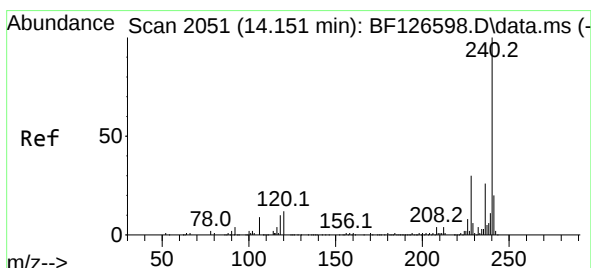
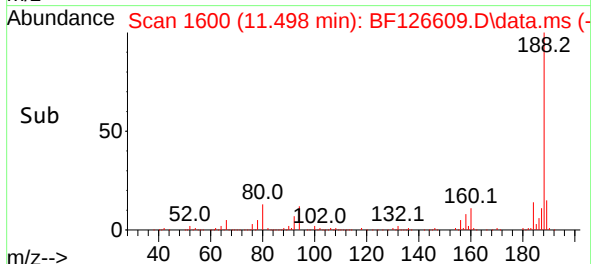
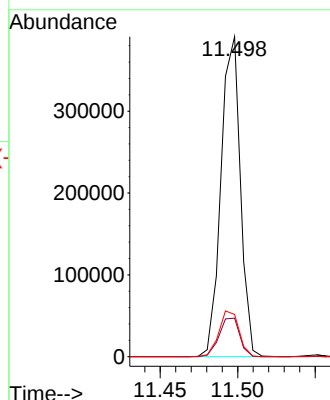
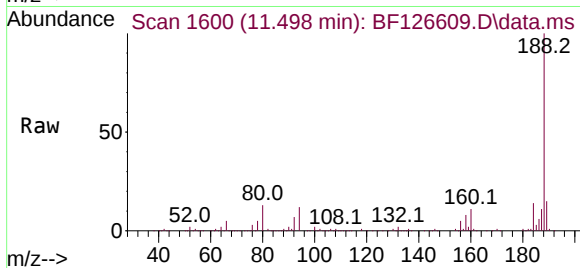
Tgt Ion:188 Resp: 340909

Ion Ratio Lower Upper

188 100

94 12.0 10.1 15.1

80 13.2 11.8 17.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 2049

Delta R.T. -0.012 min

Lab File: BF126609.D

Acq: 20 Jan 2022 14:31

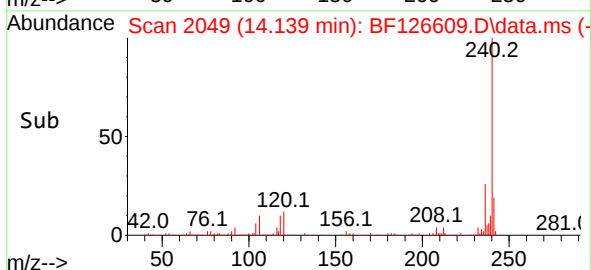
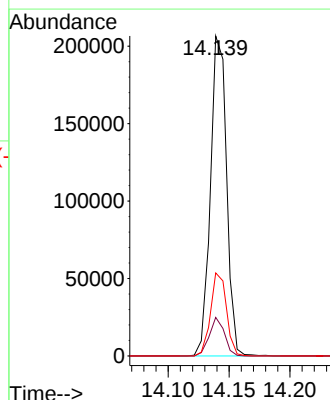
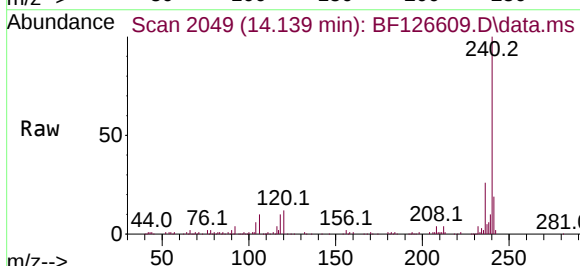
Tgt Ion:240 Resp: 190020

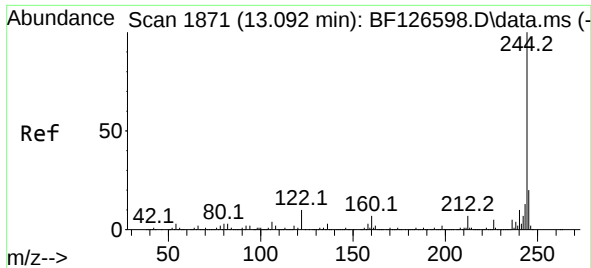
Ion Ratio Lower Upper

240 100

120 12.1 14.4 21.6#

236 25.9 20.5 30.7

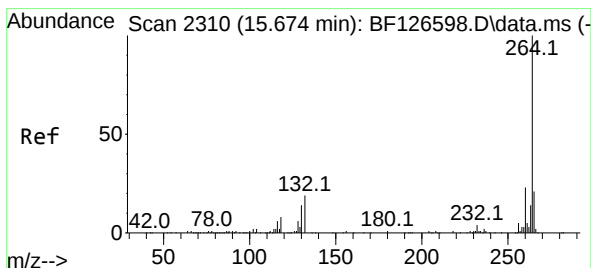
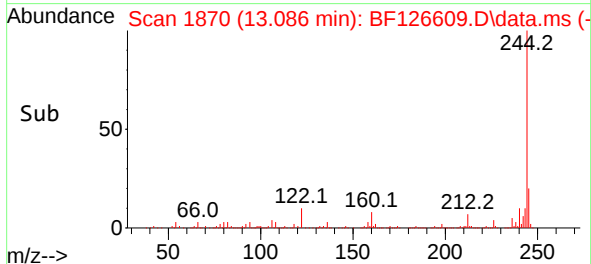
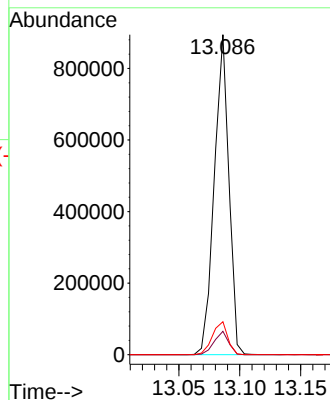
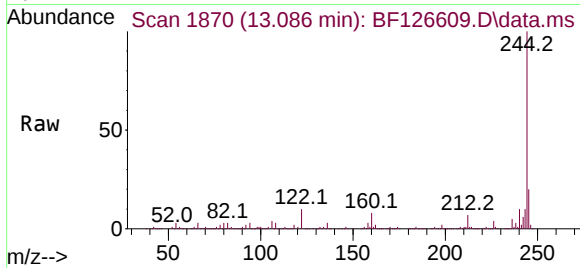




#79
 Terphenyl-d14
 Concen: 65.727 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126609.D
 Acq: 20 Jan 2022 14:31

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-1

Tgt Ion:244 Resp: 744630
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.0 7.4
 122 10.3 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 2309
 Delta R.T. -0.006 min
 Lab File: BF126609.D
 Acq: 20 Jan 2022 14:31

Tgt Ion:264 Resp: 199589
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.2 28.8
 265 21.6 17.4 26.2

