

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126618.D
 Acq On : 20 Jan 2022 18:33
 Operator : CG/JU
 Sample : N1189-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-7

Quant Time: Jan 21 04:14:42 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	103280	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	399241	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	221103	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	391291	20.000	ng	0.00
76) Chrysene-d12	14.145	240	251943	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	193319	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	562496	71.668	ng	0.00
7) Phenol-d6	6.575	99	835362	76.605	ng	0.00
23) Nitrobenzene-d5	7.522	82	631959	61.956	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	115646	55.890	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	826154	57.225	ng	0.00
79) Terphenyl-d14	13.086	244	904715	60.230	ng	0.00

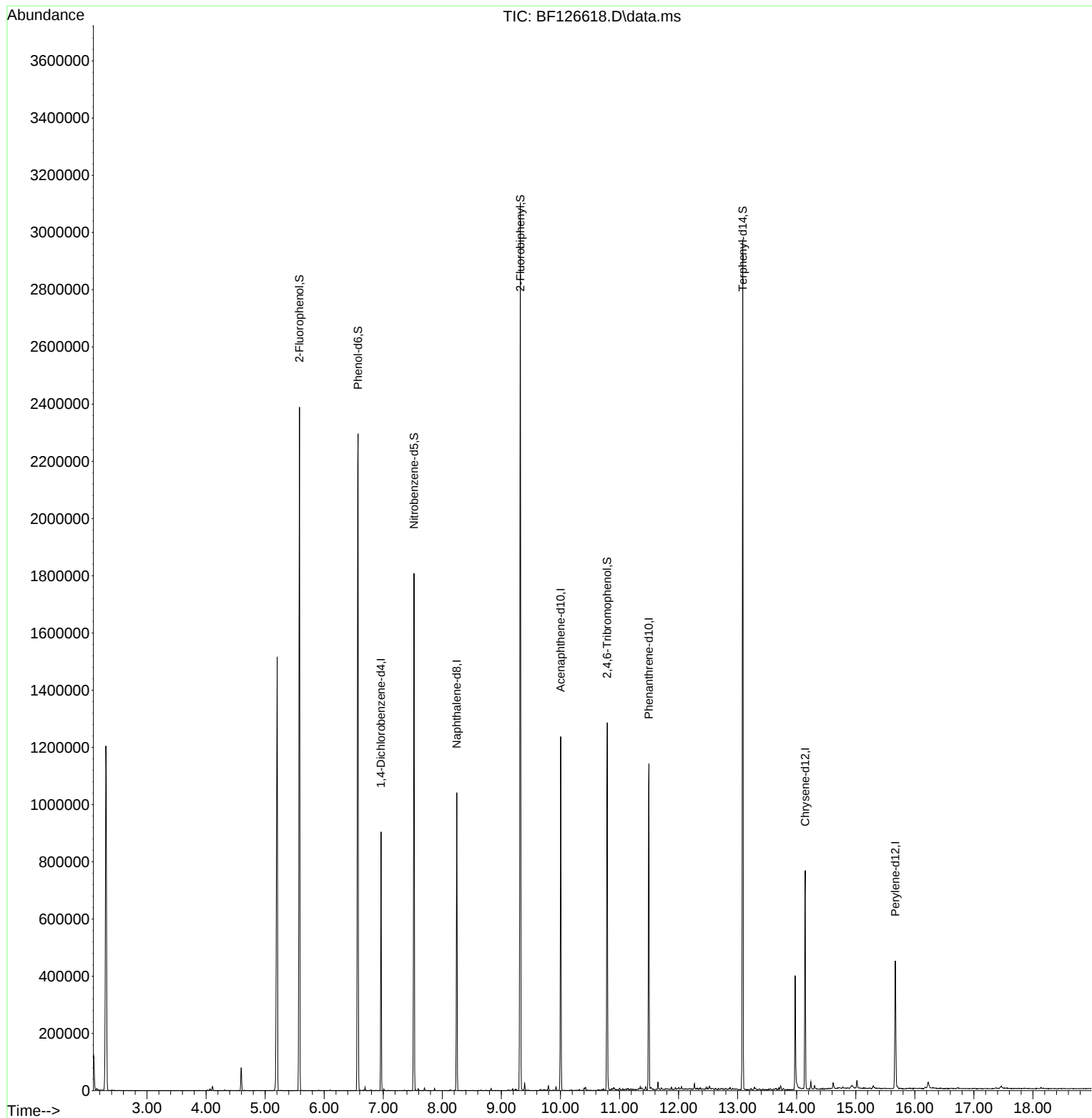
Target Compounds	Qvalue

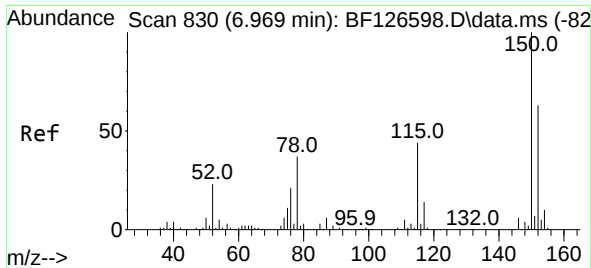
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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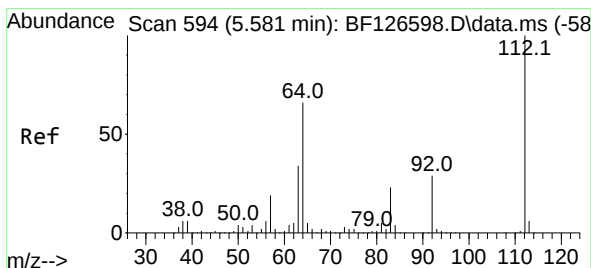
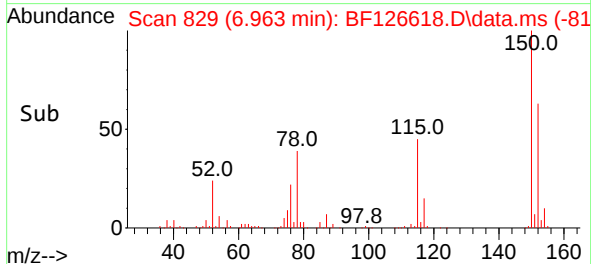
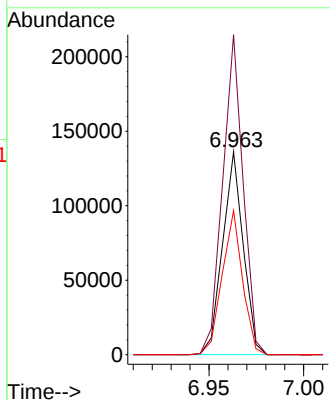
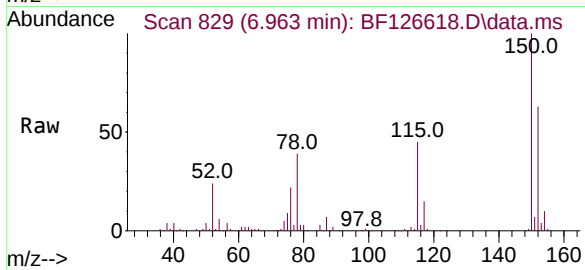




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF126618.D
 Acq: 20 Jan 2022 18:33

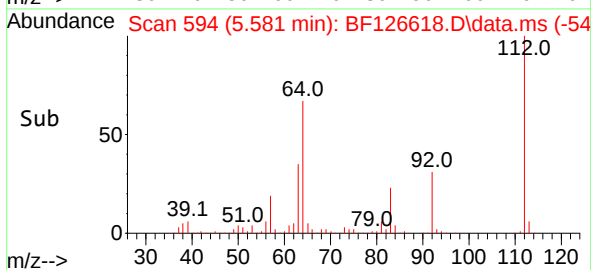
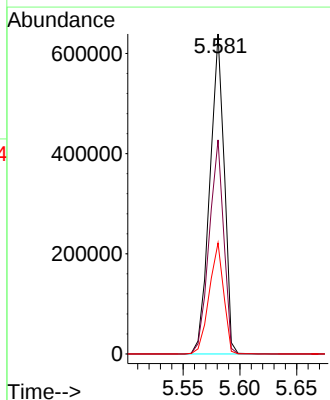
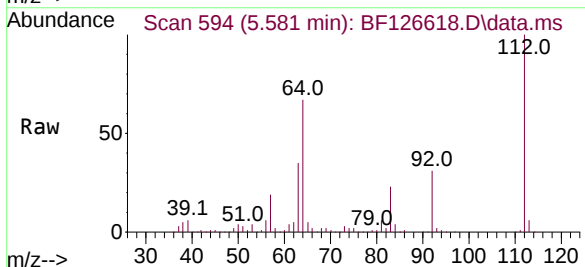
Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-7

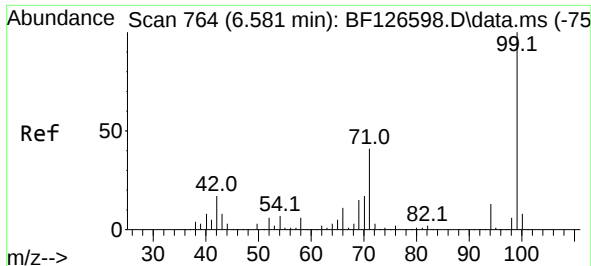
Tgt Ion:152 Resp: 103280
 Ion Ratio Lower Upper
 152 100
 150 157.6 128.1 192.1
 115 70.9 56.7 85.1



#5
 2-Fluorophenol
 Concen: 71.668 ng
 RT: 5.581 min Scan# 594
 Delta R.T. -0.000 min
 Lab File: BF126618.D
 Acq: 20 Jan 2022 18:33

Tgt Ion:112 Resp: 562496
 Ion Ratio Lower Upper
 112 100
 64 66.9 49.5 74.3
 63 34.7 23.9 35.9

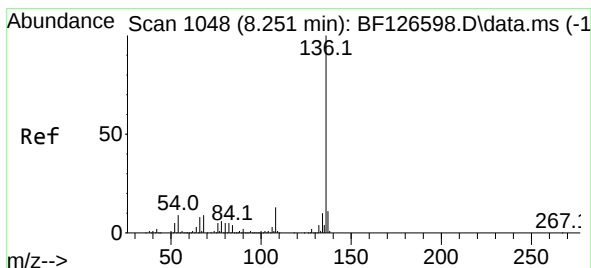
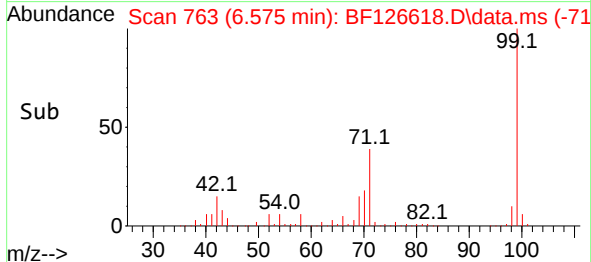
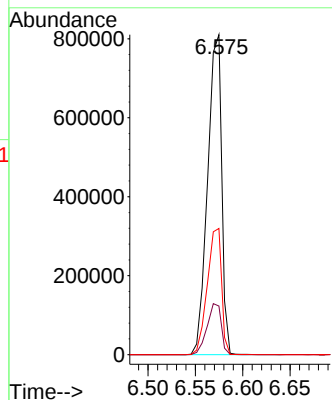
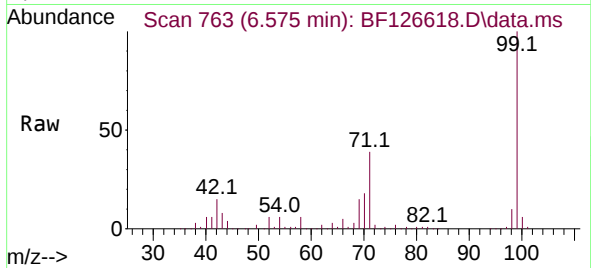




#7
Phenol-d6
Concen: 76.605 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126618.D
Acq: 20 Jan 2022 18:33

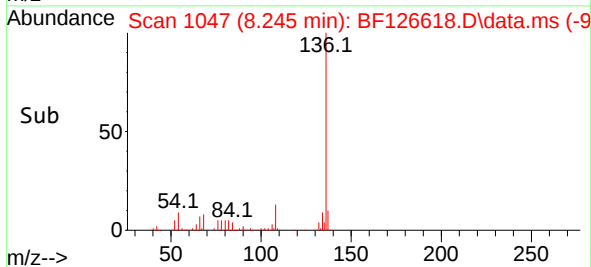
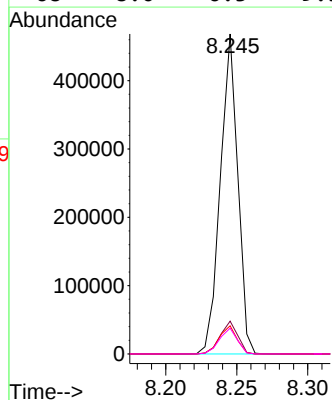
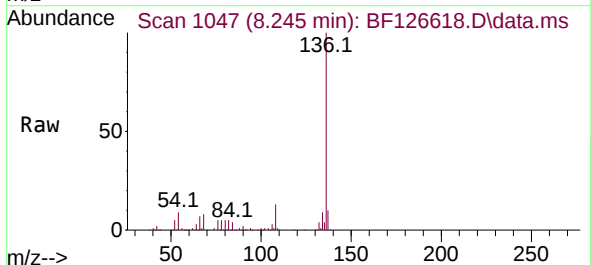
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-7

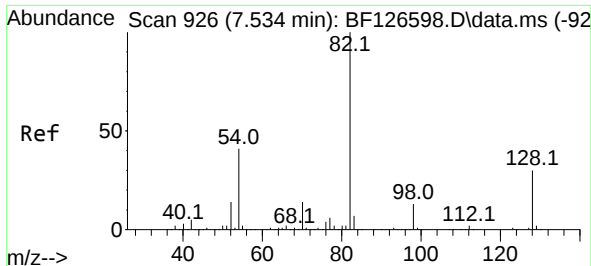
Tgt Ion: 99 Resp: 835362
Ion Ratio Lower Upper
99 100
42 15.2 14.2 21.4
71 39.4 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126618.D
Acq: 20 Jan 2022 18:33

Tgt Ion: 136 Resp: 399241
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 8.8 7.8 11.6
68 8.0 6.3 9.5

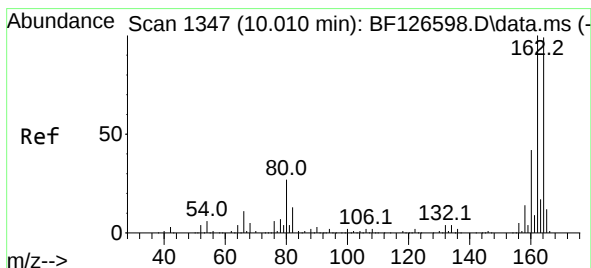
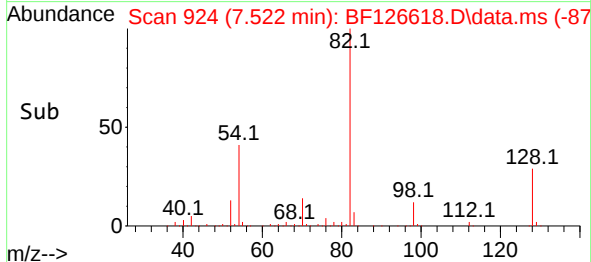
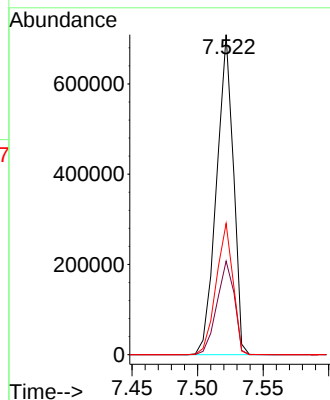
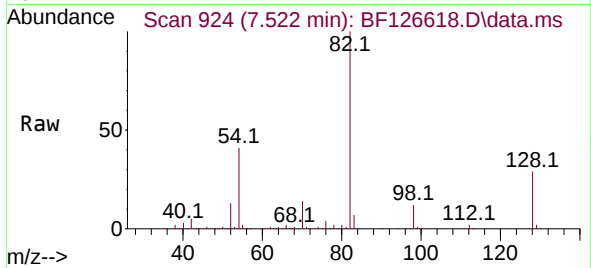




#23
Nitrobenzene-d5
Concen: 61.956 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126618.D
Acq: 20 Jan 2022 18:33

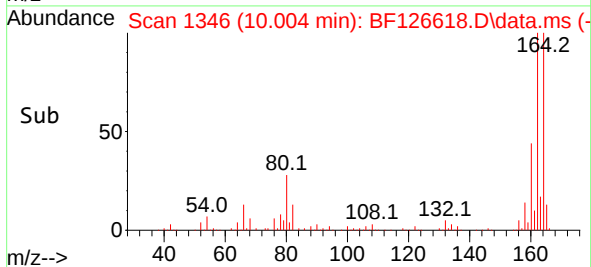
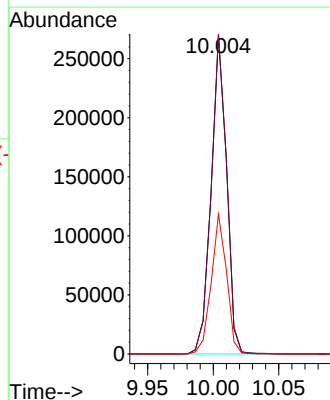
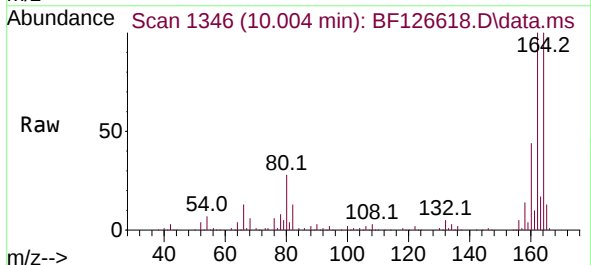
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-7

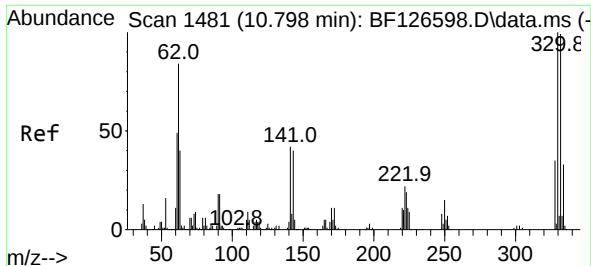
Tgt Ion: 82 Resp: 631959
Ion Ratio Lower Upper
82 100
128 29.2 32.7 49.1#
54 41.0 41.7 62.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF126618.D
Acq: 20 Jan 2022 18:33

Tgt Ion: 164 Resp: 221103
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 43.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 55.890 ng

RT: 10.792 min Scan# 1481

Delta R.T. -0.006 min

Lab File: BF126618.D

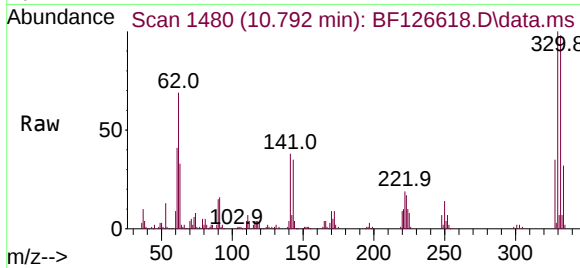
Acq: 20 Jan 2022 18:33

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-7



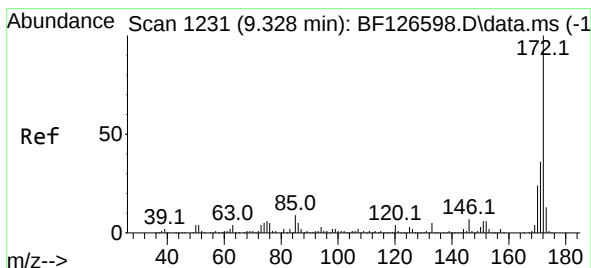
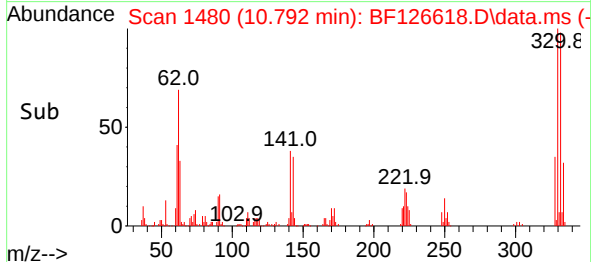
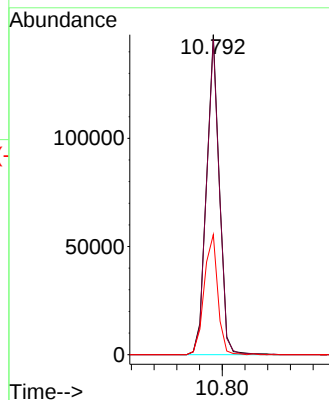
Tgt Ion:330 Resp: 115646

Ion Ratio Lower Upper

330 100

332 98.5 76.0 114.0

141 39.7 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 57.225 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF126618.D

Acq: 20 Jan 2022 18:33

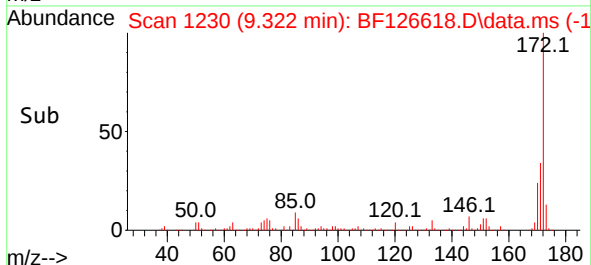
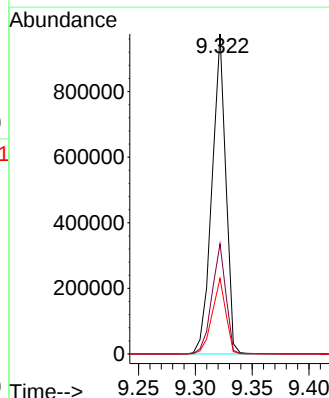
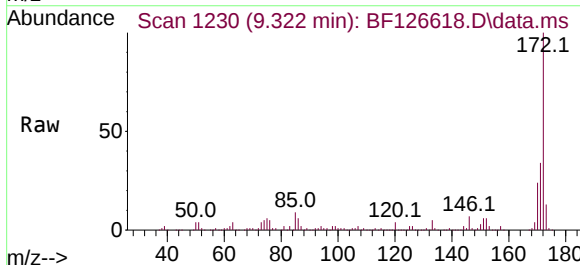
Tgt Ion:172 Resp: 826154

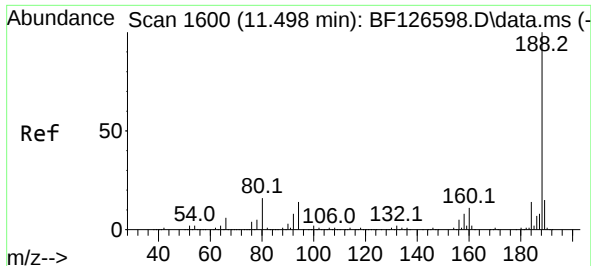
Ion Ratio Lower Upper

172 100

171 34.4 28.3 42.5

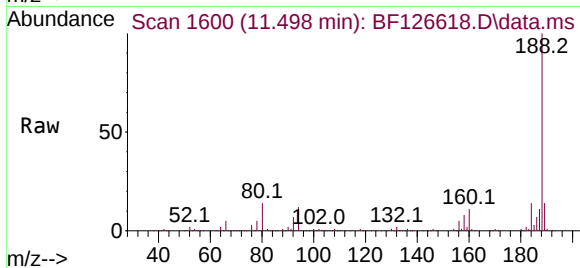
170 23.6 19.0 28.6



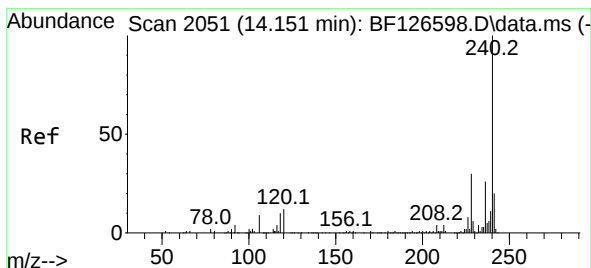
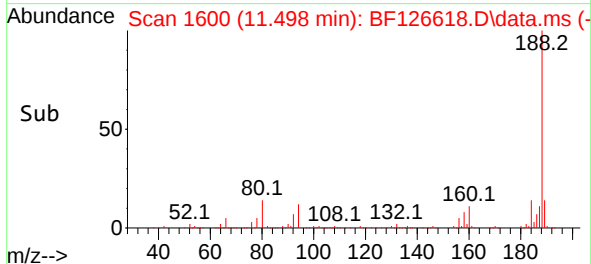
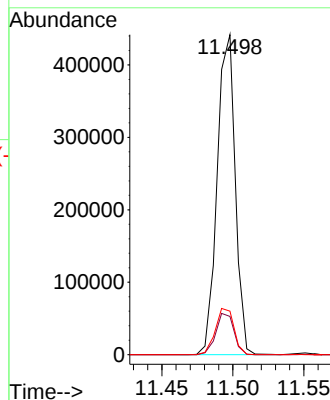


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF126618.D
Acq: 20 Jan 2022 18:33

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-7

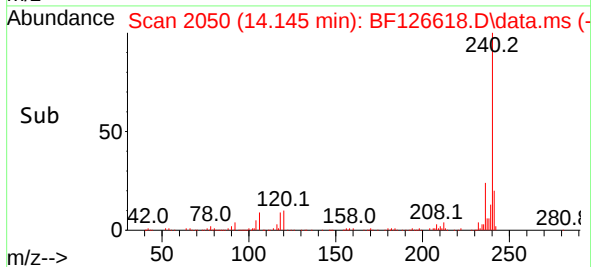
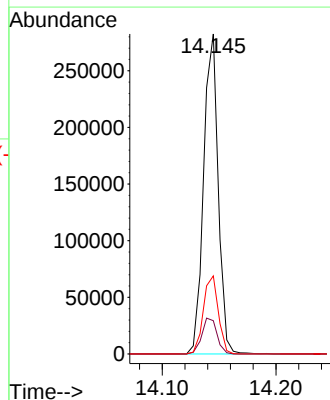
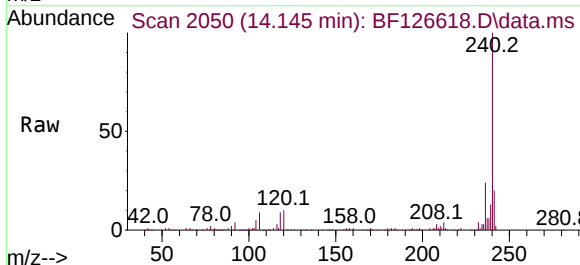


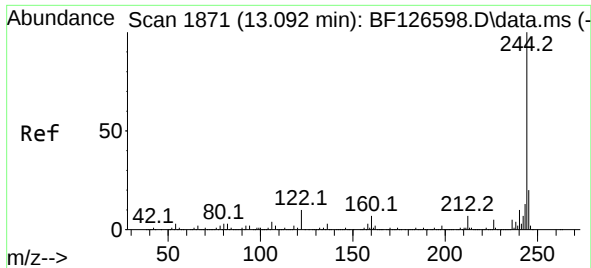
Tgt Ion:188 Resp: 391291
Ion Ratio Lower Upper
188 100
94 12.0 10.1 15.1
80 13.6 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126618.D
Acq: 20 Jan 2022 18:33

Tgt Ion:240 Resp: 251943
Ion Ratio Lower Upper
240 100
120 10.4 14.4 21.6#
236 24.4 20.5 30.7

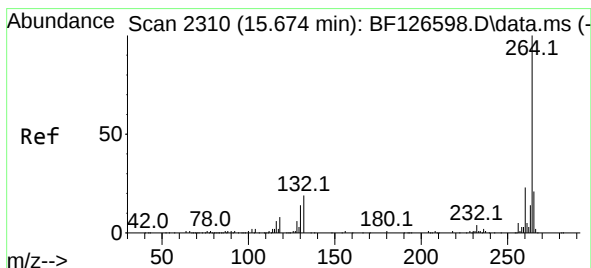
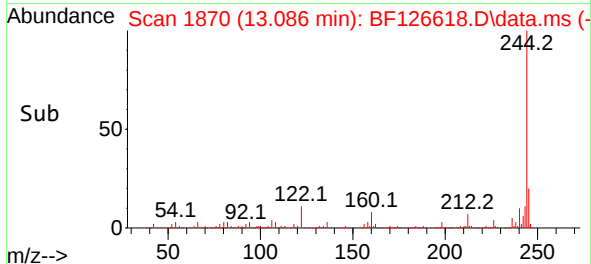
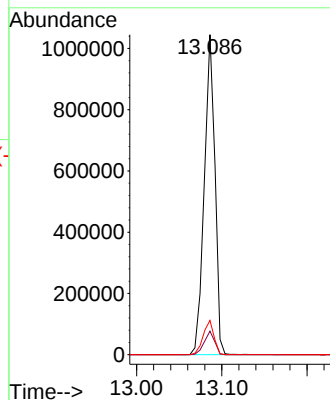
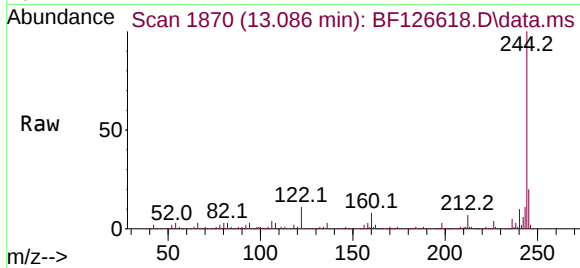




#79
 Terphenyl-d14
 Concen: 60.230 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126618.D
 Acq: 20 Jan 2022 18:33

Instrument :
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Tgt Ion:244 Resp: 904715
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.0 7.4
 122 10.7 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: BF126618.D
 Acq: 20 Jan 2022 18:33

Tgt Ion:264 Resp: 193319
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.5 17.4 26.2

