

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126621.D
 Acq On : 20 Jan 2022 19:52
 Operator : CG/JU
 Sample : N1189-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-10

Quant Time: Jan 21 04:15:09 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	107128	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	420208	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	230269	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	405543	20.000	ng	0.00
76) Chrysene-d12	14.145	240	267967	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	205624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	707351	86.887	ng	0.00
7) Phenol-d6	6.575	99	1012143	89.483	ng	0.00
23) Nitrobenzene-d5	7.522	82	743455	69.251	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	183601	85.199	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	937234	62.335	ng	0.00
79) Terphenyl-d14	13.086	244	1009837	63.208	ng	0.00

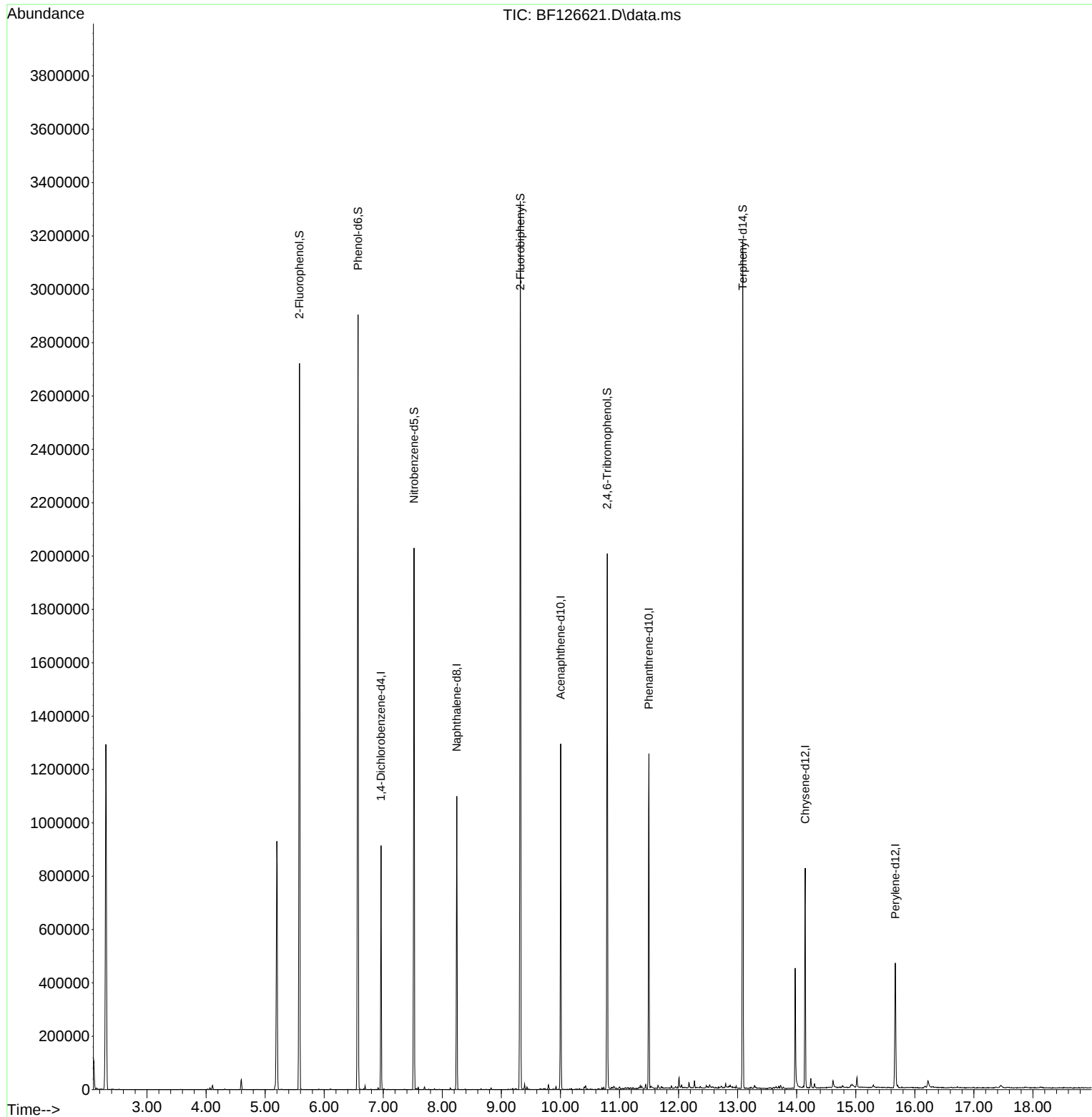
Target Compounds	Qvalue

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

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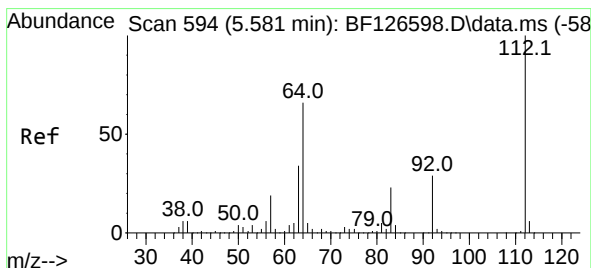
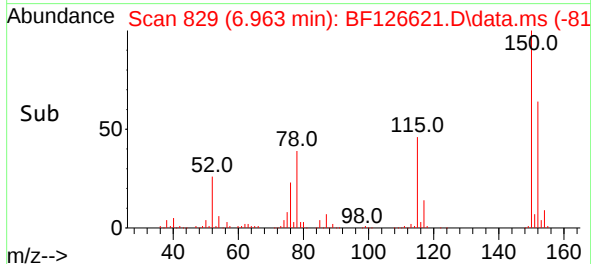
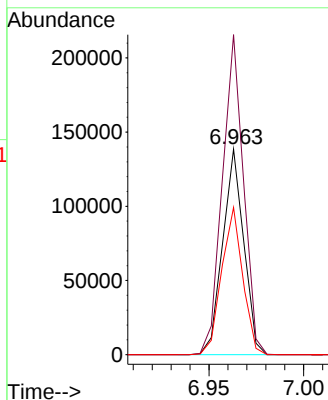
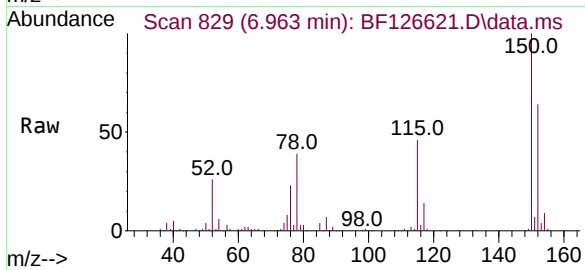




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF126621.D
 Acq: 20 Jan 2022 19:52

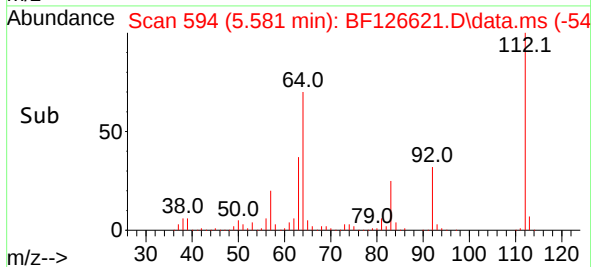
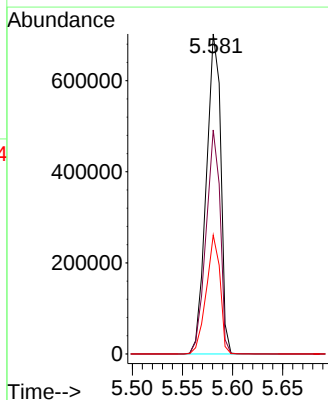
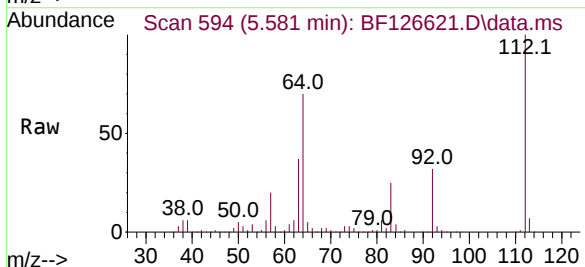
Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-10

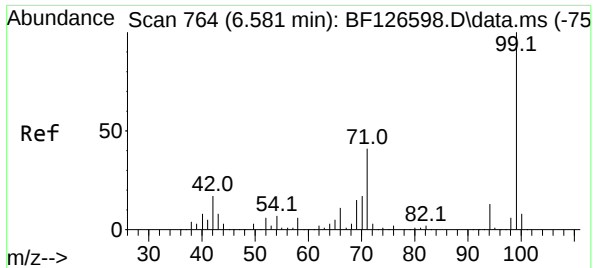
Tgt Ion:152 Resp: 107128
 Ion Ratio Lower Upper
 152 100
 150 155.6 128.1 192.1
 115 71.5 56.7 85.1



#5
 2-Fluorophenol
 Concen: 86.887 ng
 RT: 5.581 min Scan# 594
 Delta R.T. -0.000 min
 Lab File: BF126621.D
 Acq: 20 Jan 2022 19:52

Tgt Ion:112 Resp: 707351
 Ion Ratio Lower Upper
 112 100
 64 70.0 49.5 74.3
 63 37.1 23.9 35.9#

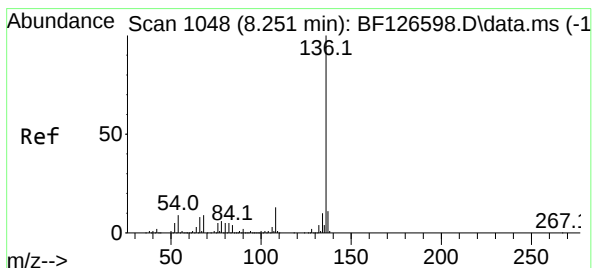
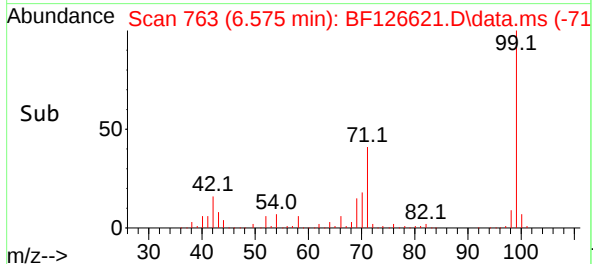
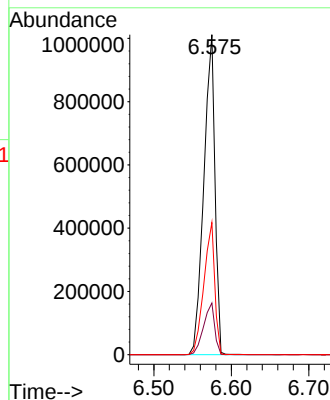
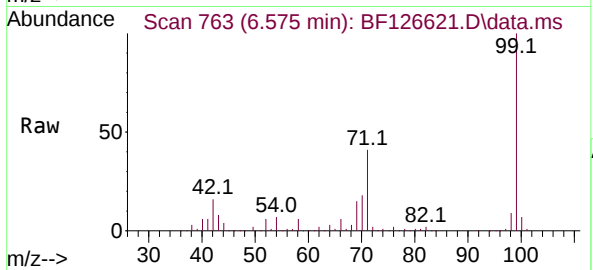




#7
Phenol-d6
Concen: 89.483 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126621.D
Acq: 20 Jan 2022 19:52

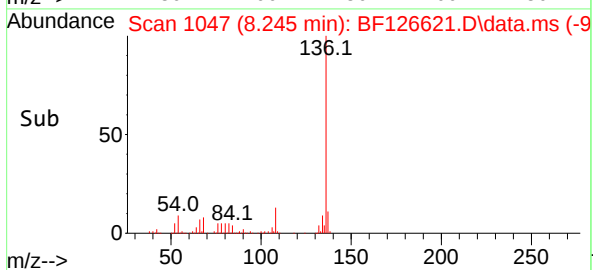
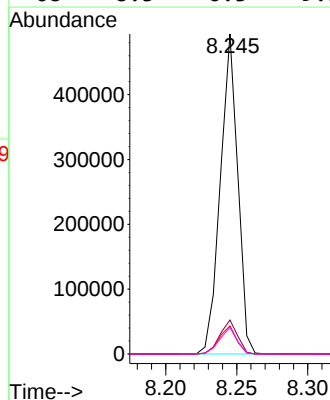
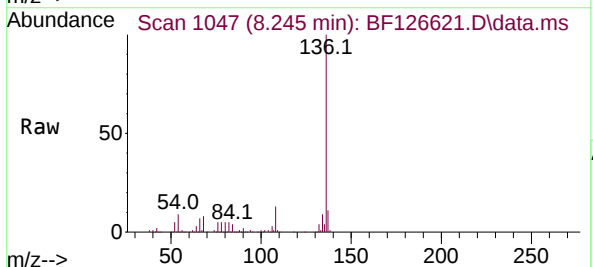
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-10

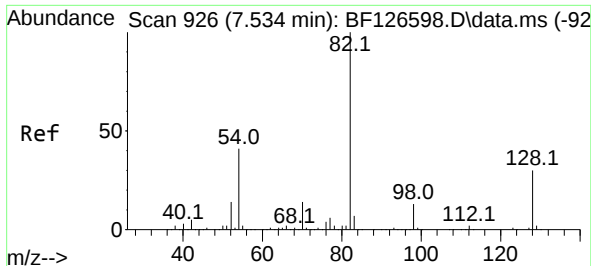
Tgt Ion: 99 Resp: 1012143
Ion Ratio Lower Upper
99 100
42 16.2 14.2 21.4
71 41.3 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126621.D
Acq: 20 Jan 2022 19:52

Tgt Ion:136 Resp: 420208
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.8 7.8 11.6
68 8.3 6.3 9.5

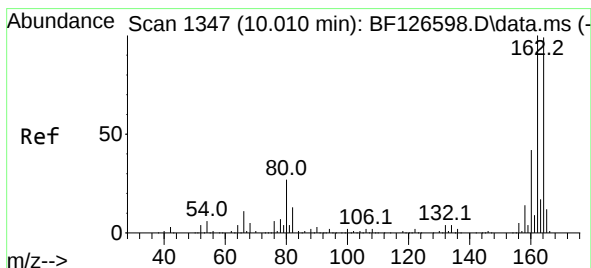
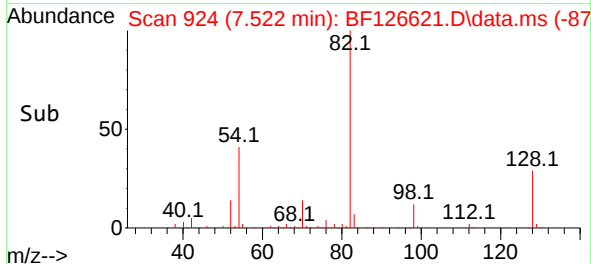
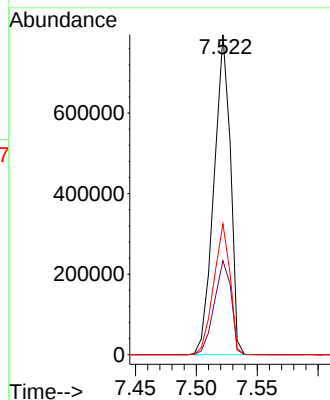
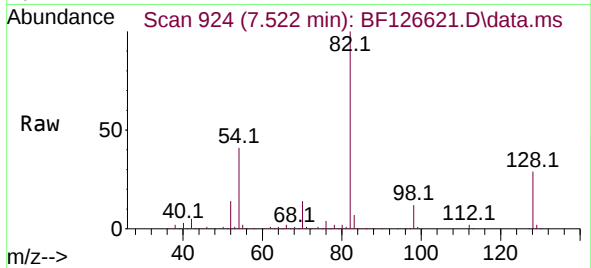




#23
Nitrobenzene-d5
Concen: 69.251 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126621.D
Acq: 20 Jan 2022 19:52

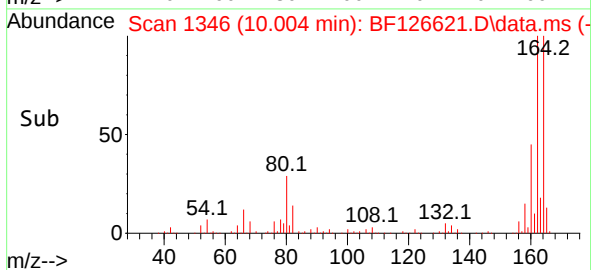
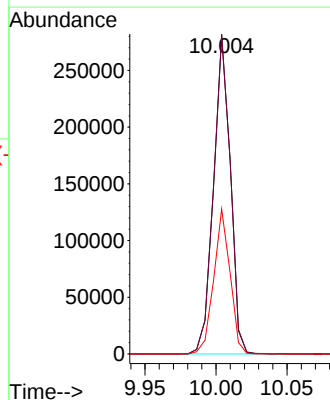
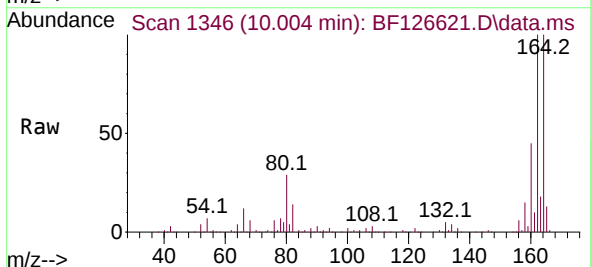
Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-10

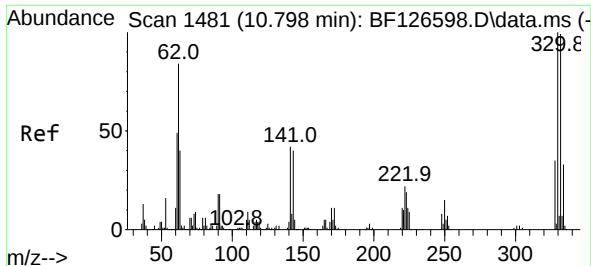
Tgt Ion: 82 Resp: 743455
Ion Ratio Lower Upper
82 100
128 29.4 32.7 49.1#
54 40.9 41.7 62.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF126621.D
Acq: 20 Jan 2022 19:52

Tgt Ion: 164 Resp: 230269
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 45.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 85.199 ng

RT: 10.792 min Scan# 1481

Delta R.T. -0.006 min

Lab File: BF126621.D

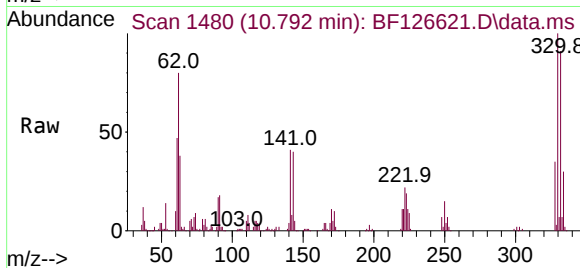
Acq: 20 Jan 2022 19:52

Instrument :

BNA_F

ClientSampleId :

MTR-SOIL-10



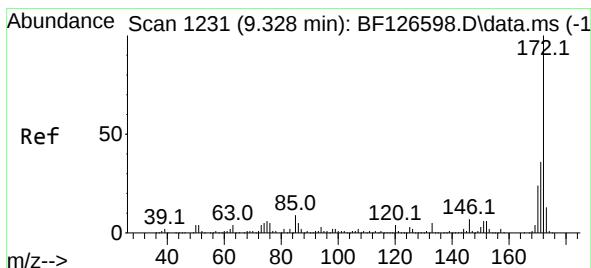
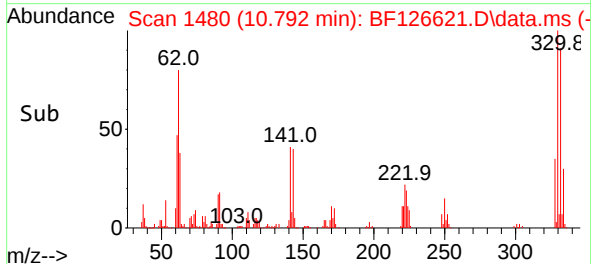
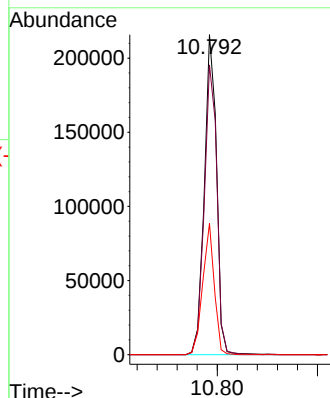
Tgt Ion:330 Resp: 183601

Ion Ratio Lower Upper

330 100

332 93.7 76.0 114.0

141 38.8 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 62.335 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF126621.D

Acq: 20 Jan 2022 19:52

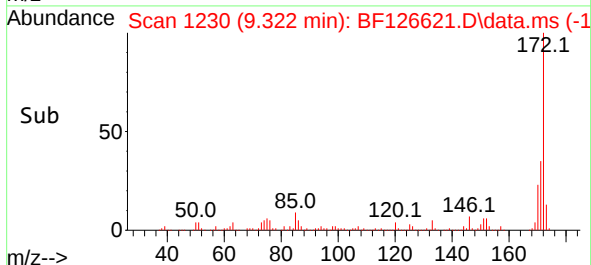
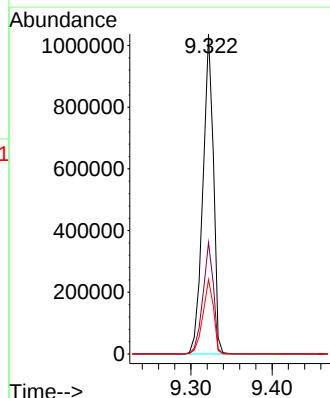
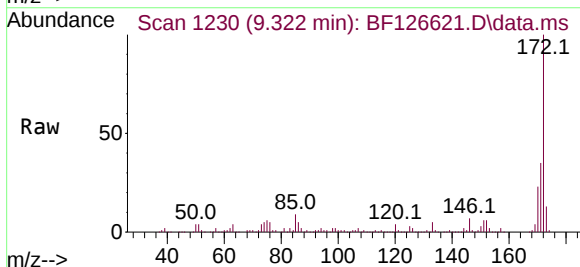
Tgt Ion:172 Resp: 937234

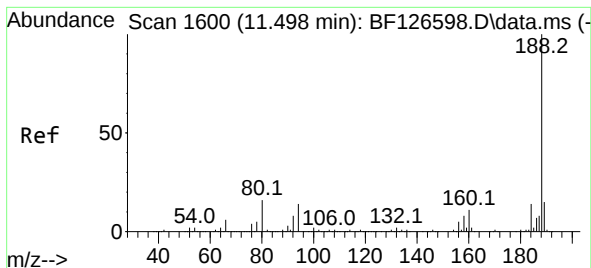
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.3 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: BF126621.D

Acq: 20 Jan 2022 19:52

Instrument :

BNA_F

ClientSampleId :

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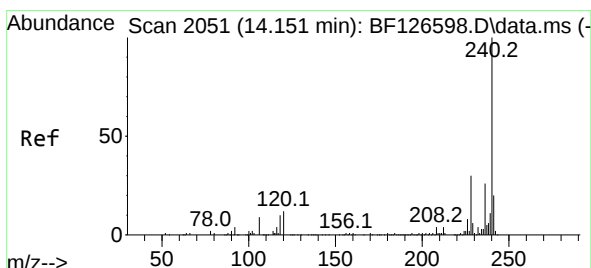
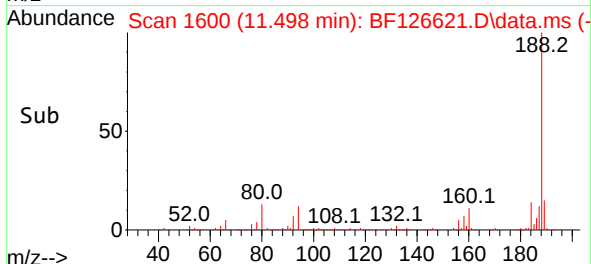
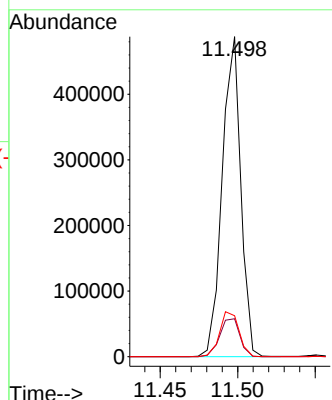
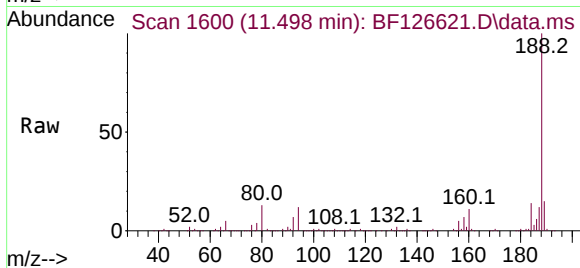
Tgt Ion:188 Resp: 405543

Ion Ratio Lower Upper

188 100

94 11.9 10.1 15.1

80 12.8 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: BF126621.D

Acq: 20 Jan 2022 19:52

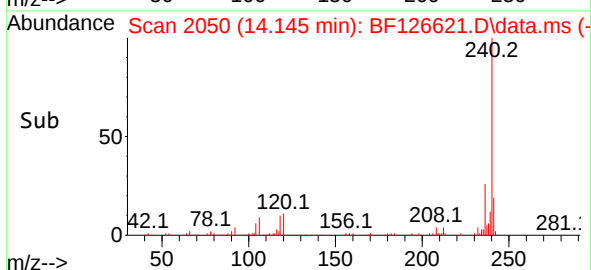
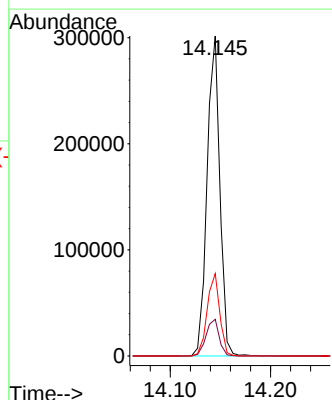
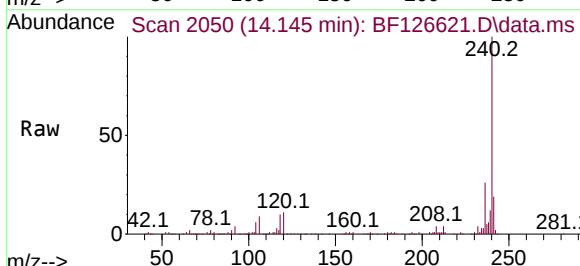
Tgt Ion:240 Resp: 267967

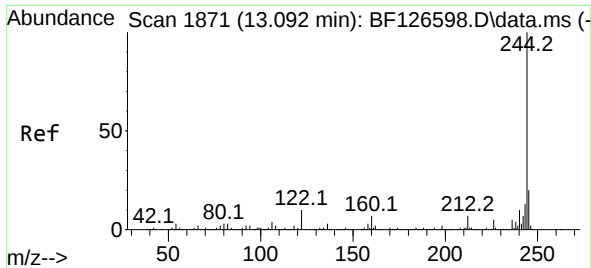
Ion Ratio Lower Upper

240 100

120 11.5 14.4 21.6#

236 25.7 20.5 30.7

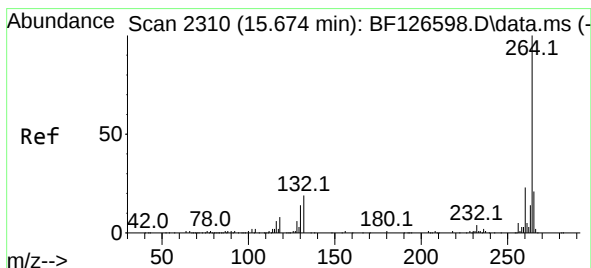
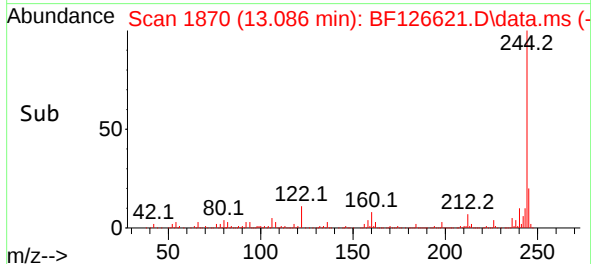
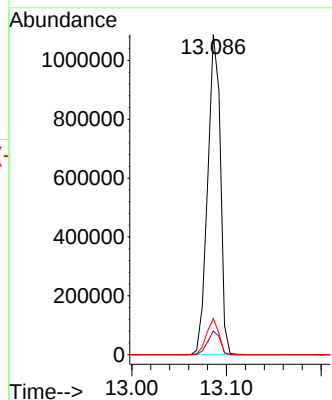
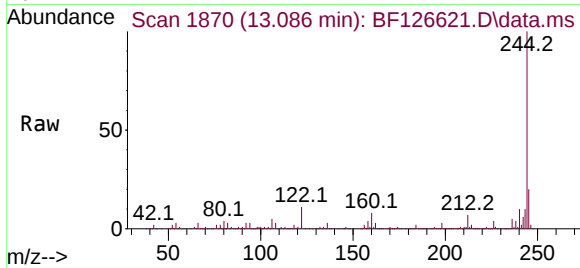




#79
 Terphenyl-d14
 Concen: 63.208 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126621.D
 Acq: 20 Jan 2022 19:52

Instrument :
 BNA_F
 ClientSampleId :
 MTR-SOIL-10

Tgt Ion:244 Resp: 1009837
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.0 7.4
 122 11.3 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: BF126621.D
 Acq: 20 Jan 2022 19:52

Tgt Ion:264 Resp: 205624
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.7 17.4 26.2

