

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF131001.D
 Acq On : 04 Nov 2022 20:52
 Operator : CG\JU
 Sample : N5451-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LFR-SOIL-1103

Quant Time: Nov 05 01:21:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	57311	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	272722	20.000	ng	-0.01
39) Acenaphthene-d10	9.957	164	123582	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	226197	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	196296	20.000	ng	0.00
86) Perylene-d12	15.604	264	135366	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	422889	127.921	ng	0.02
7) Phenol-d6	6.539	99	483366	112.516	ng	0.00
23) Nitrobenzene-d5	7.475	82	487780	107.848	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	175344	168.550	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	739322	90.447	ng	0.00
79) Terphenyl-d14	13.039	244	950085	88.692	ng	0.00

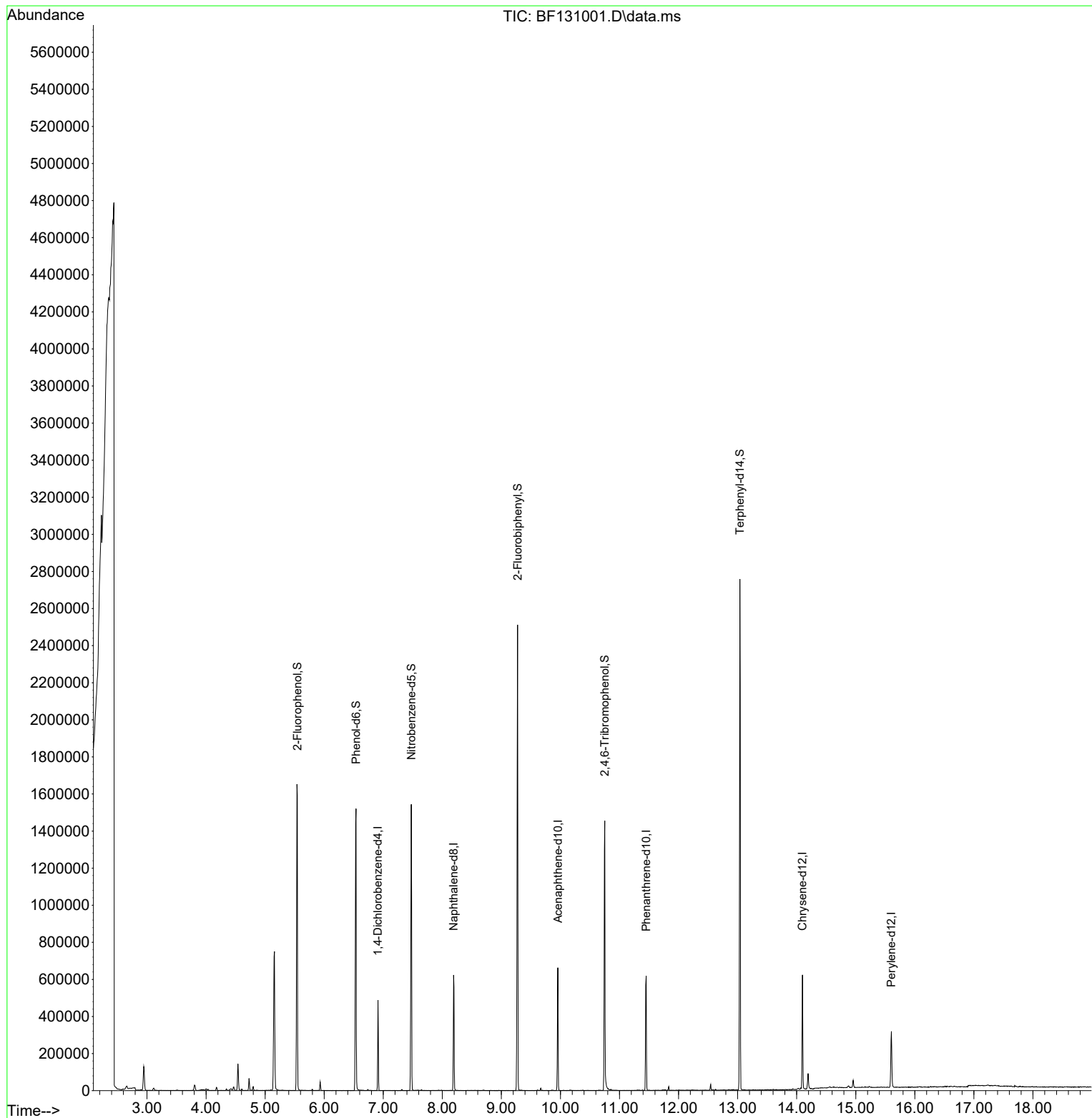
Target Compounds	Qvalue

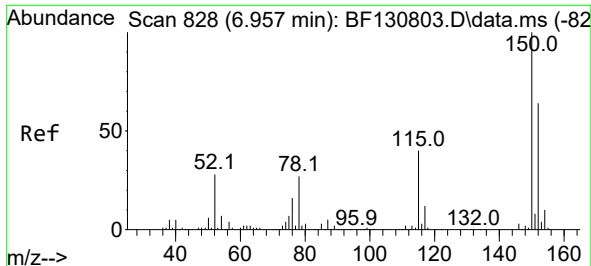
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
Data File : BF131001.D
Acq On : 04 Nov 2022 20:52
Operator : CG\JU
Sample : N5451-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LFR-SOIL-1103

Quant Time: Nov 05 01:21:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 06:20:24 2022
Response via : Initial Calibration

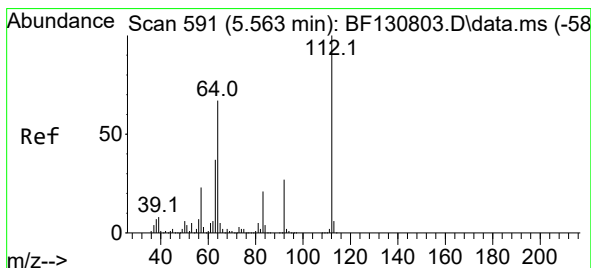
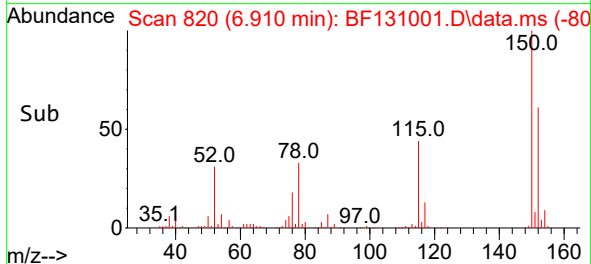
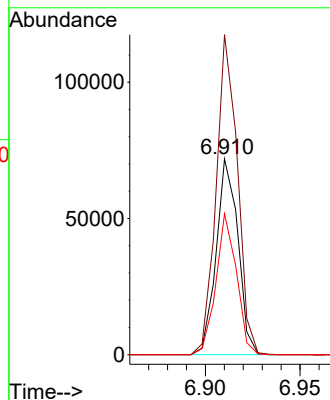
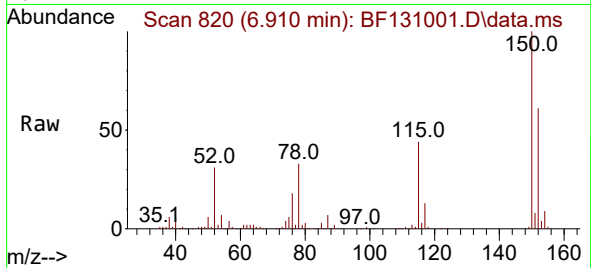




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131001.D
Acq: 04 Nov 2022 20:52

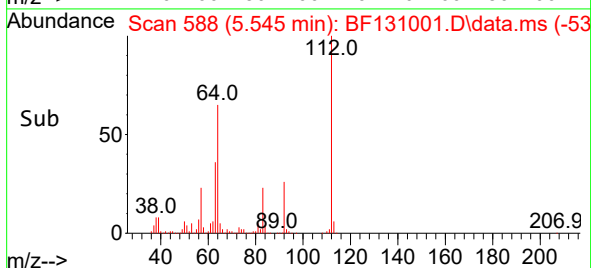
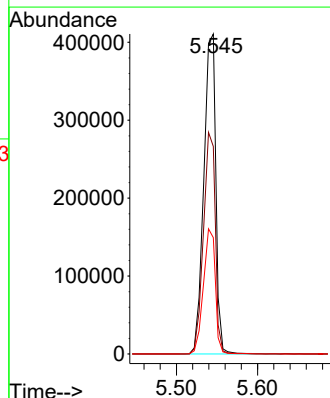
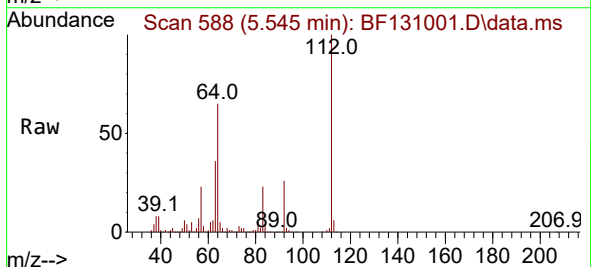
Instrument :
BNA_F
ClientSampleId :
LFR-SOIL-1103

Tgt Ion:152 Resp: 57311
Ion Ratio Lower Upper
152 100
150 163.6 124.1 186.1
115 72.0 50.1 75.1



#5
2-Fluorophenol
Concen: 127.921 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.018 min
Lab File: BF131001.D
Acq: 04 Nov 2022 20:52

Tgt Ion:112 Resp: 422889
Ion Ratio Lower Upper
112 100
64 64.8 53.9 80.9
63 36.4 29.4 44.2

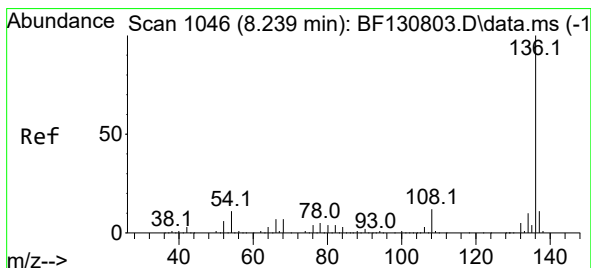
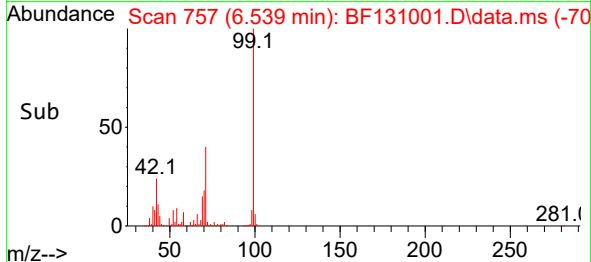
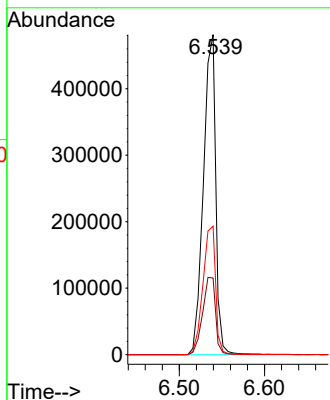
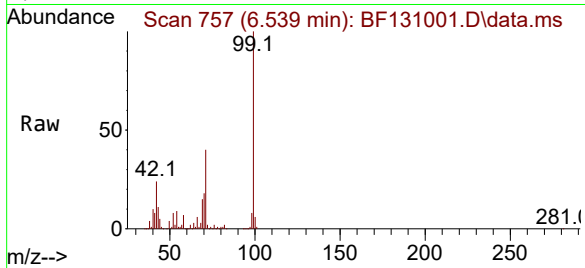




#7
Phenol-d6
Concen: 112.516 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131001.D
Acq: 04 Nov 2022 20:52

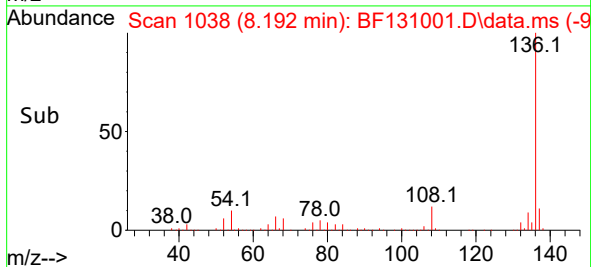
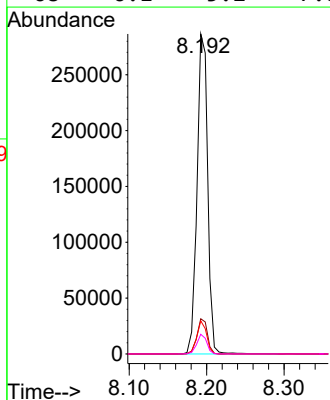
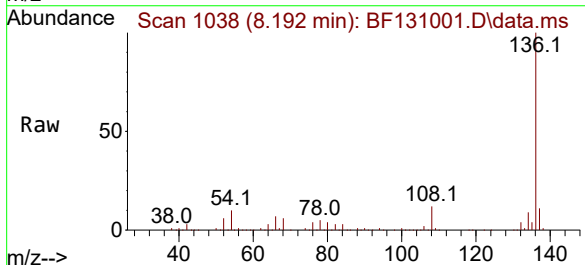
Instrument :
BNA_F
ClientSampleId :
LFR-SOIL-1103

Tgt Ion: 99 Resp: 483366
Ion Ratio Lower Upper
99 100
42 24.0 18.8 28.2
71 40.2 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF131001.D
Acq: 04 Nov 2022 20:52

Tgt Ion: 136 Resp: 272722
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 10.4 8.8 13.2
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 107.848 ng

RT: 7.475 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131001.D

Acq: 04 Nov 2022 20:52

Instrument :

BNA_F

ClientSampleId :

LFR-SOIL-1103

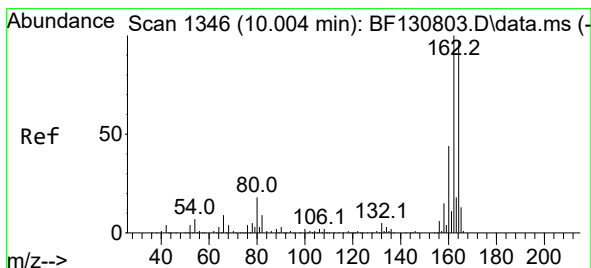
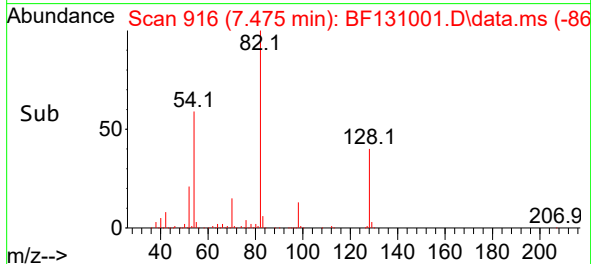
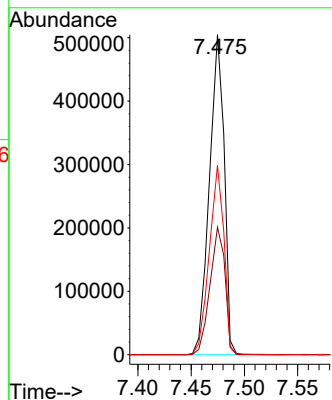
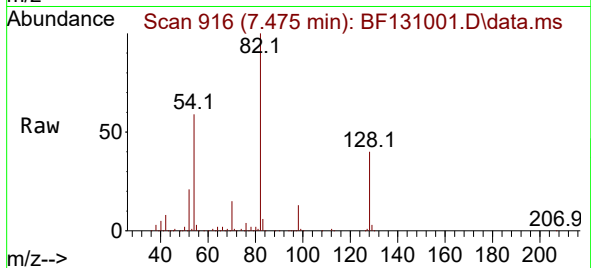
Tgt Ion: 82 Resp: 487780

Ion Ratio Lower Upper

82 100

128 39.8 31.2 46.8

54 59.1 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF131001.D

Acq: 04 Nov 2022 20:52

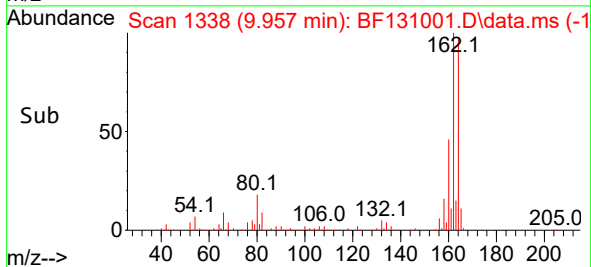
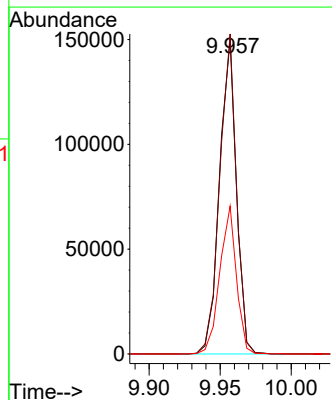
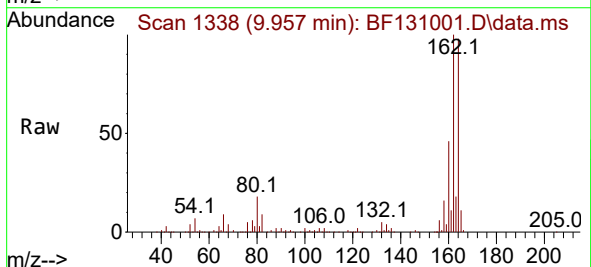
Tgt Ion:164 Resp: 123582

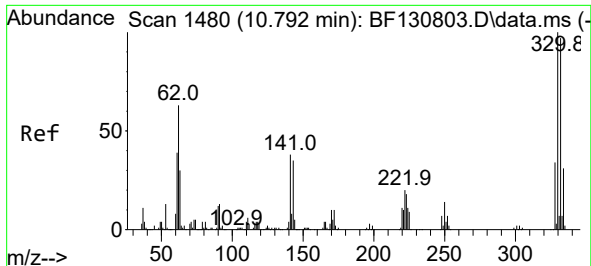
Ion Ratio Lower Upper

164 100

162 101.9 82.2 123.2

160 47.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 168.550 ng

RT: 10.751 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF131001.D

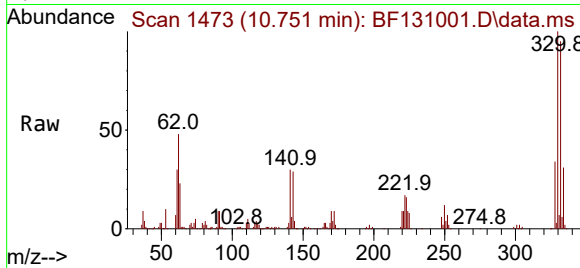
Acq: 04 Nov 2022 20:52

Instrument :

BNA_F

ClientSampleId :

LFR-SOIL-1103



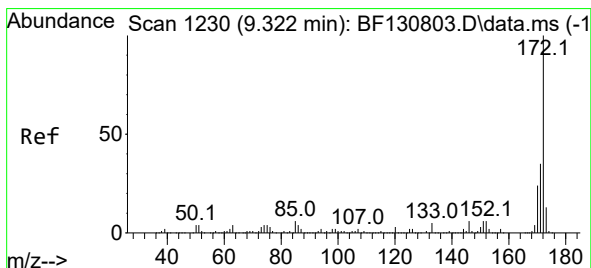
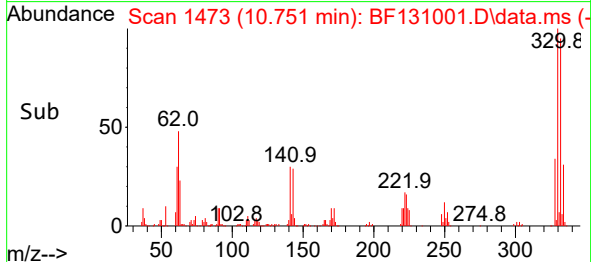
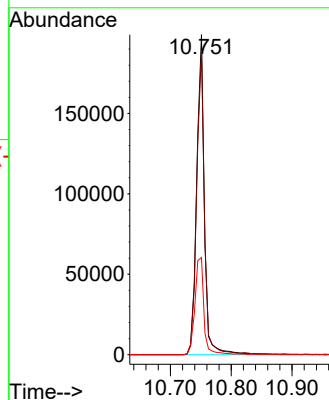
Tgt Ion:330 Resp: 175344

Ion Ratio Lower Upper

330 100

332 96.2 76.2 114.4

141 35.6 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 90.447 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF131001.D

Acq: 04 Nov 2022 20:52

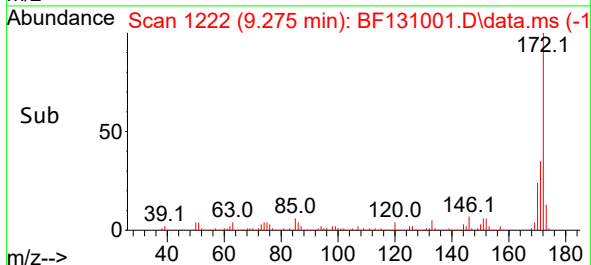
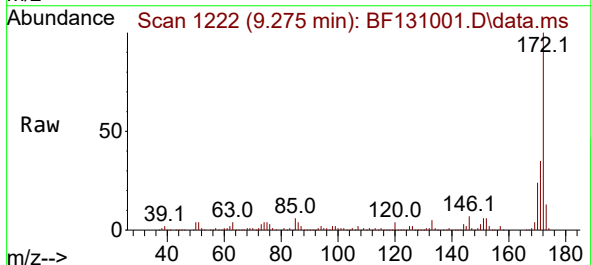
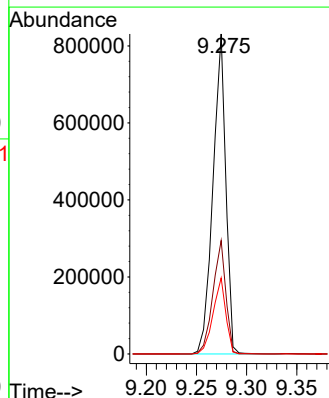
Tgt Ion:172 Resp: 739322

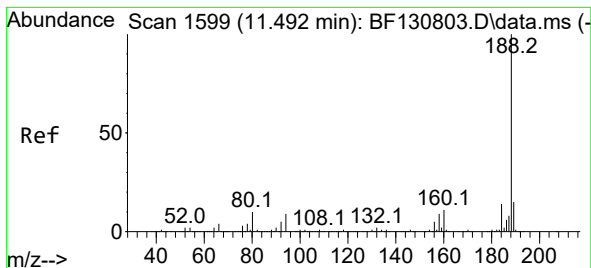
Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131001.D

Acq: 04 Nov 2022 20:52

Instrument :

BNA_F

ClientSampleId :

LFR-SOIL-1103

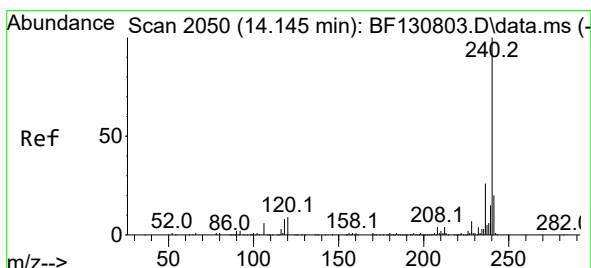
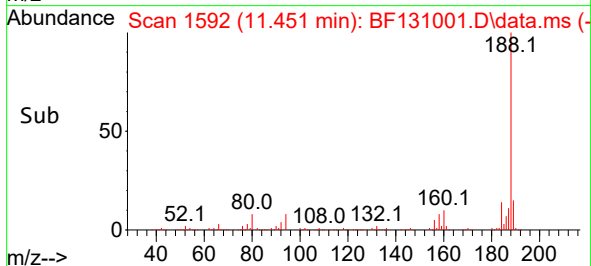
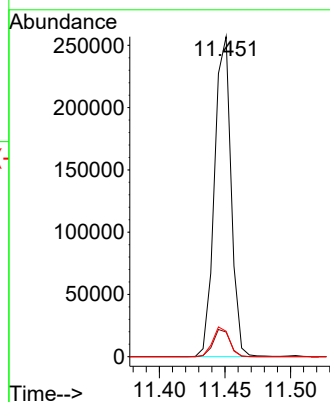
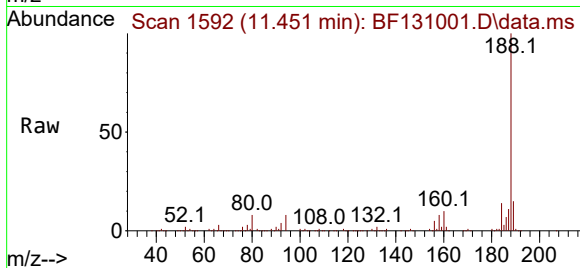
Tgt Ion:188 Resp: 226197

Ion Ratio Lower Upper

188 100

94 7.7 7.4 11.2

80 7.9 8.0 12.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BF131001.D

Acq: 04 Nov 2022 20:52

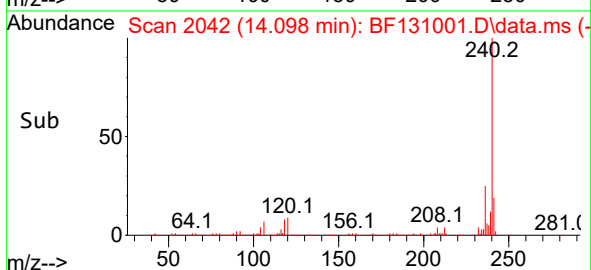
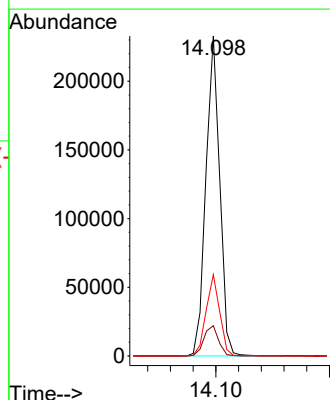
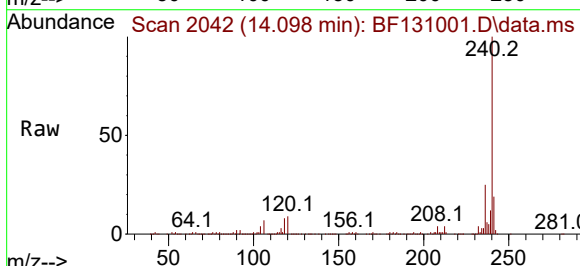
Tgt Ion:240 Resp: 196296

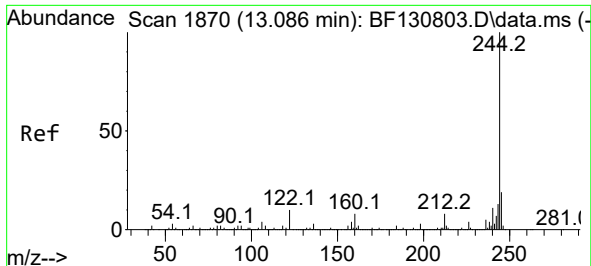
Ion Ratio Lower Upper

240 100

120 9.5 7.0 10.4

236 25.4 20.5 30.7

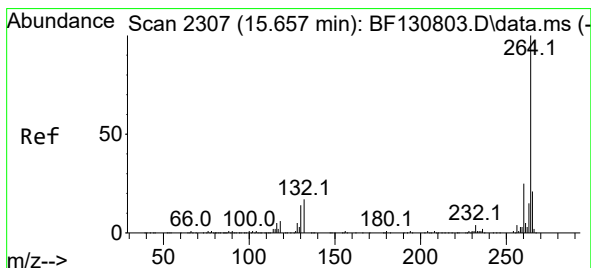
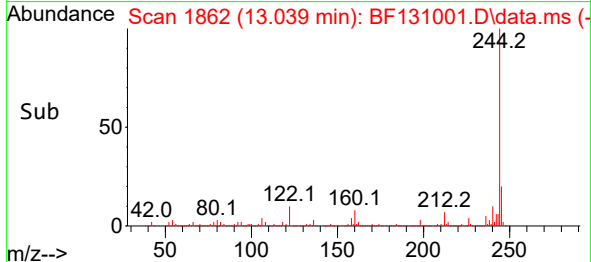
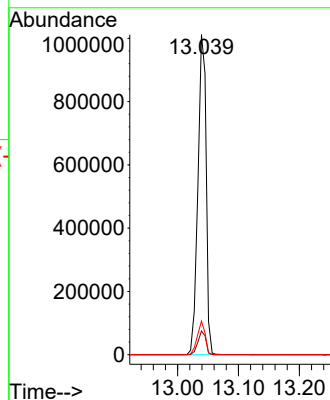
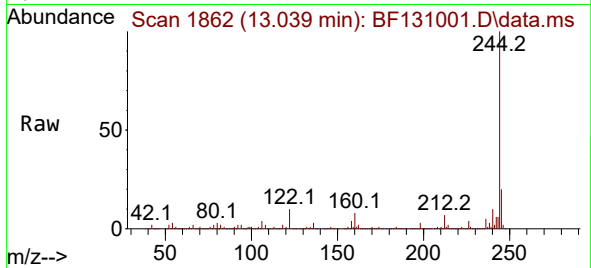




#79
 Terphenyl-d14
 Concen: 88.692 ng
 RT: 13.039 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131001.D
 Acq: 04 Nov 2022 20:52

Instrument :
 BNA_F
 ClientSampleId :
 LFR-SOIL-1103

Tgt Ion:244 Resp: 950085
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 10.5 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: BF131001.D
 Acq: 04 Nov 2022 20:52

Tgt Ion:264 Resp: 135366
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.9 29.9
 265 20.9 17.0 25.6

