

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131361.D
 Acq On : 23 Nov 2022 14:00
 Operator : CG\JU
 Sample : N5641-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-1

Quant Time: Nov 24 05:51:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 05:48:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	90777	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	314917	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	167172	20.000	ng	0.00
64) Phenanthrene-d10	11.516	188	268418	20.000	ng	0.00
76) Chrysene-d12	14.168	240	173004	20.000	ng	0.00
86) Perylene-d12	15.715	264	197571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	460196	96.484	ng	0.00
7) Phenol-d6	6.575	99	584376	96.027	ng	0.00
23) Nitrobenzene-d5	7.528	82	380570	60.918	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	139696	99.327	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	683572	59.488	ng	0.00
79) Terphenyl-d14	13.110	244	529108	50.012	ng	0.00

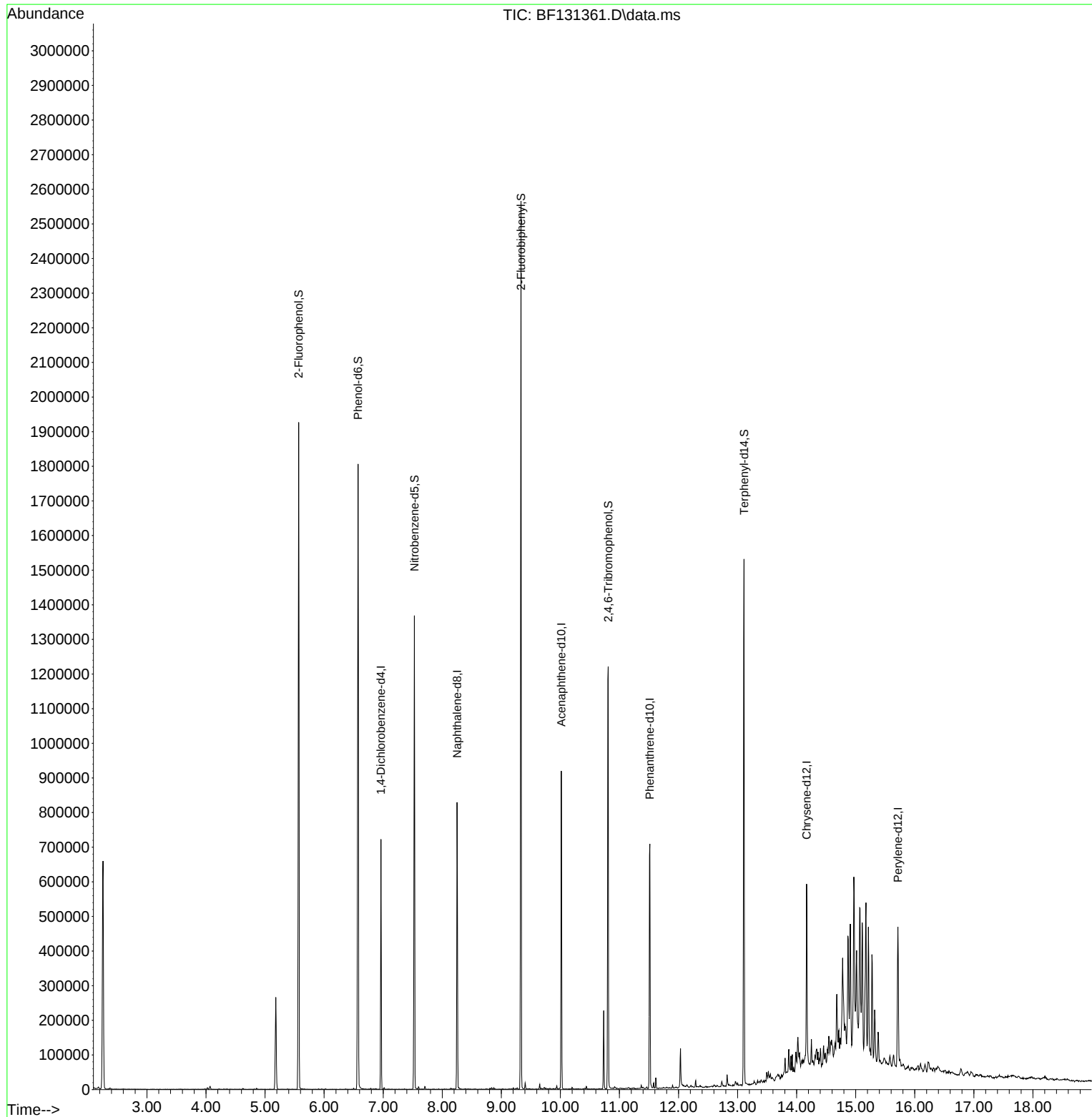
Target Compounds	Qvalue

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

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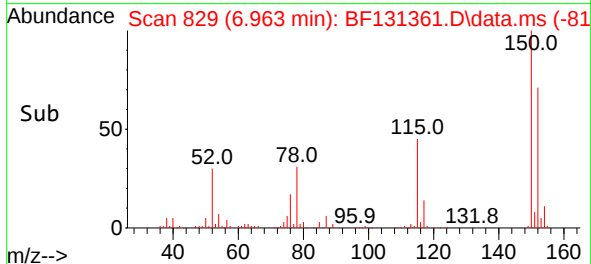
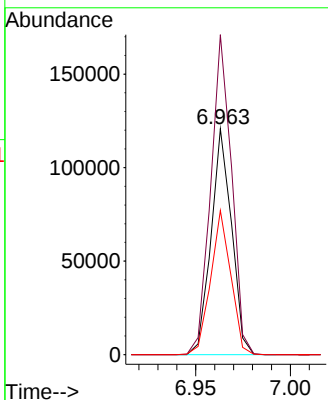
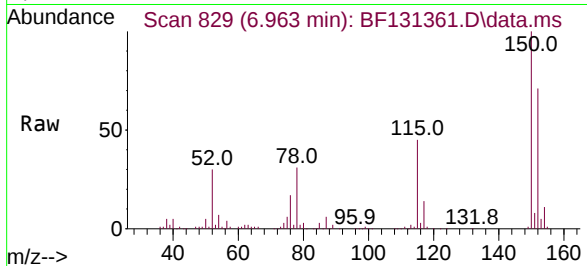




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131361.D
Acq: 23 Nov 2022 14:00

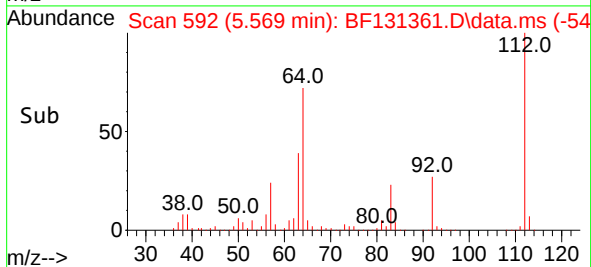
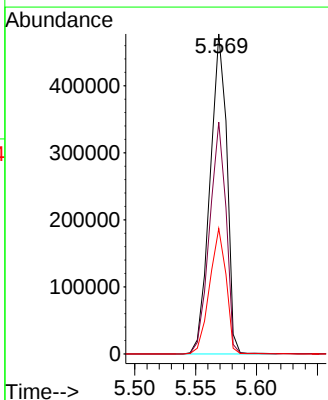
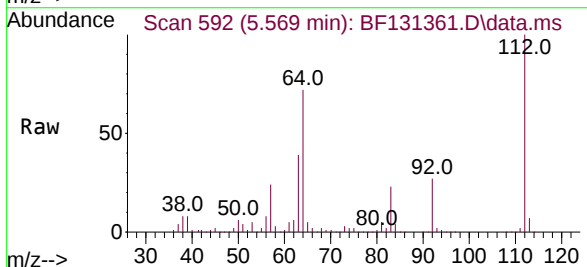
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1

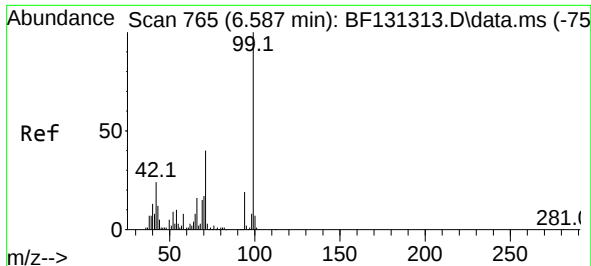
Tgt Ion:152 Resp: 90777
Ion Ratio Lower Upper
152 100
150 141.7 117.8 176.8
115 63.8 47.1 70.7



#5
2-Fluorophenol
Concen: 96.484 ng
RT: 5.569 min Scan# 592
Delta R.T. -0.000 min
Lab File: BF131361.D
Acq: 23 Nov 2022 14:00

Tgt Ion:112 Resp: 460196
Ion Ratio Lower Upper
112 100
64 72.4 58.6 88.0
63 39.2 31.4 47.0

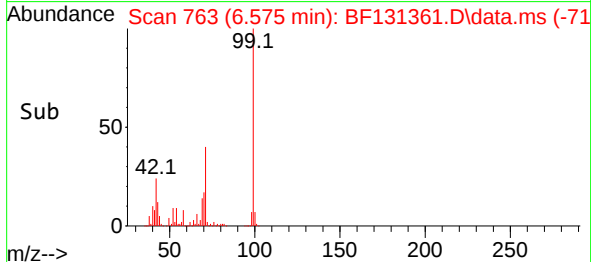
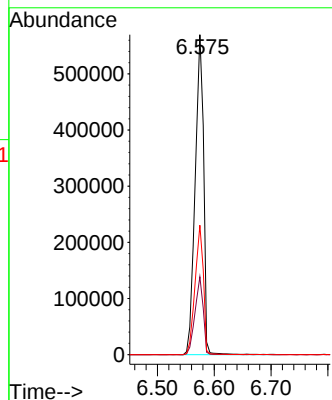
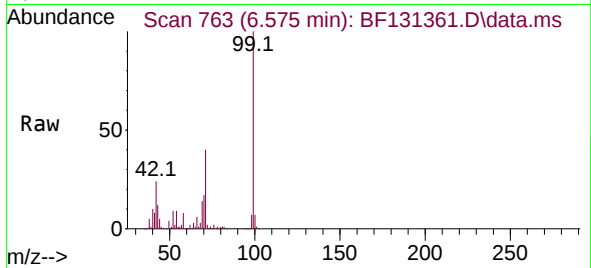




#7
Phenol-d6
Concen: 96.027 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131361.D
Acq: 23 Nov 2022 14:00

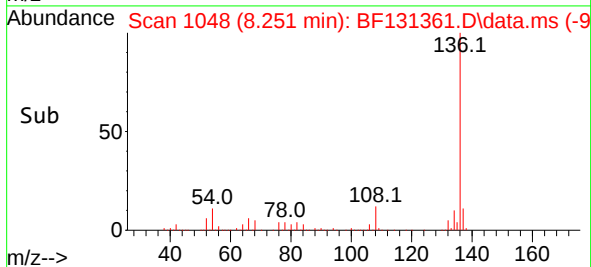
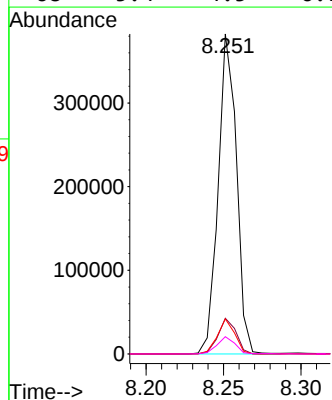
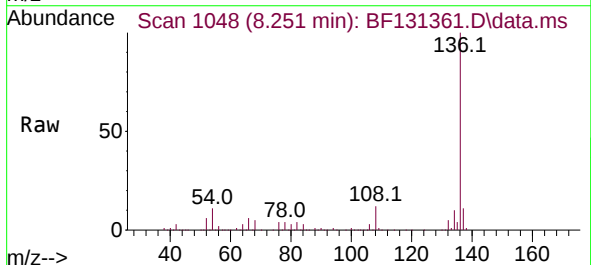
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1

Tgt Ion: 99 Resp: 584376
Ion Ratio Lower Upper
99 100
42 24.3 19.4 29.2
71 40.4 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131361.D
Acq: 23 Nov 2022 14:00

Tgt Ion: 136 Resp: 314917
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 11.0 9.4 14.0
68 5.4 4.5 6.7

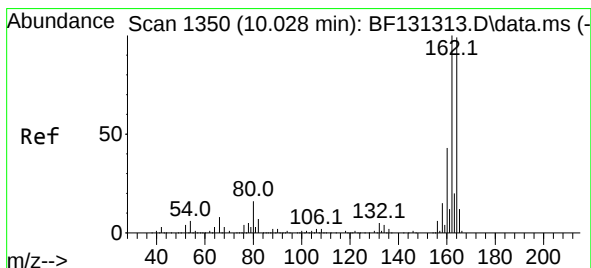
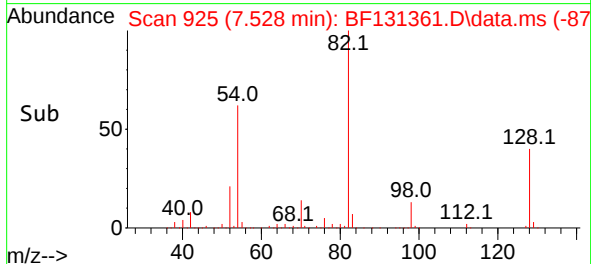
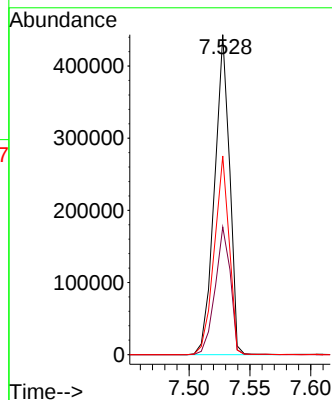
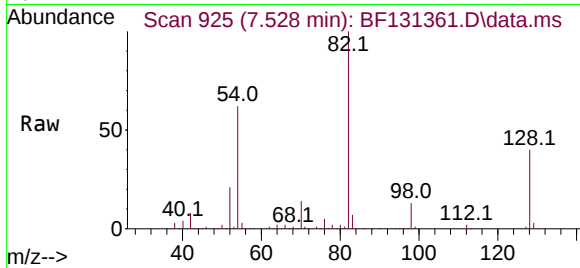




#23
Nitrobenzene-d5
Concen: 60.918 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131361.D
Acq: 23 Nov 2022 14:00

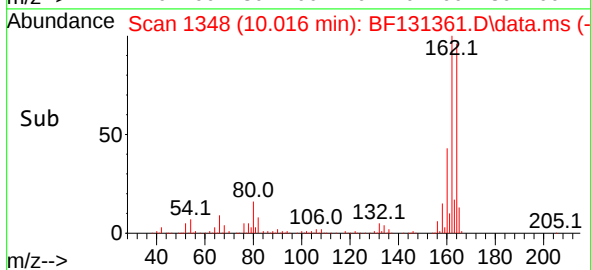
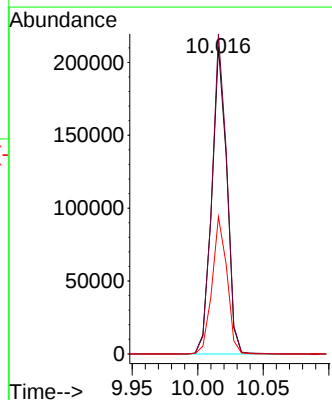
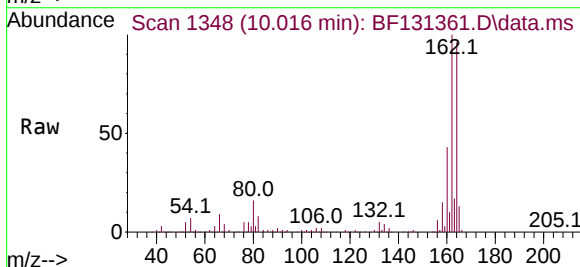
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1

Tgt Ion: 82 Resp: 380570
Ion Ratio Lower Upper
82 100
128 39.9 31.4 47.0
54 62.1 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF131361.D
Acq: 23 Nov 2022 14:00

Tgt Ion:164 Resp: 167172
Ion Ratio Lower Upper
164 100
162 104.1 80.6 120.8
160 44.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 99.327 ng

RT: 10.810 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131361.D

Acq: 23 Nov 2022 14:00

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1

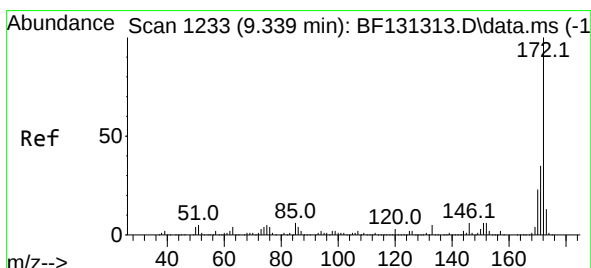
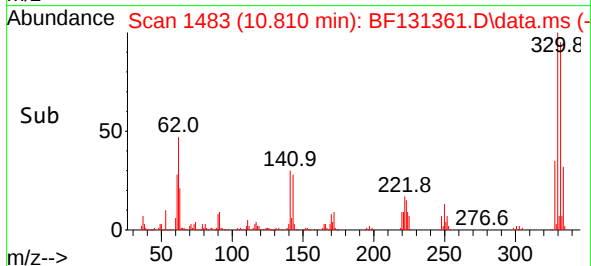
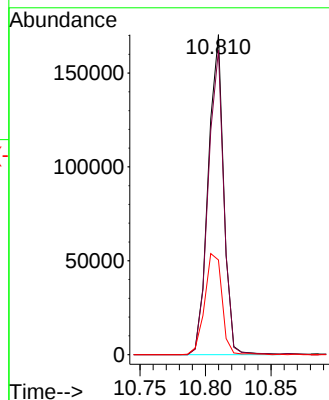
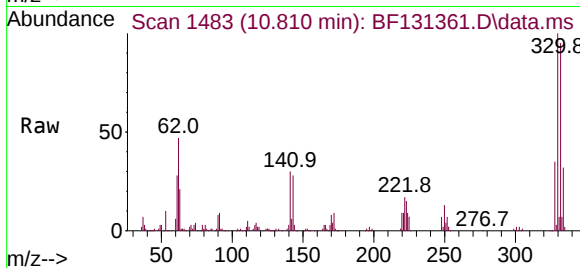
Tgt Ion:330 Resp: 139696

Ion Ratio Lower Upper

330 100

332 96.0 77.5 116.3

141 35.3 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 59.488 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF131361.D

Acq: 23 Nov 2022 14:00

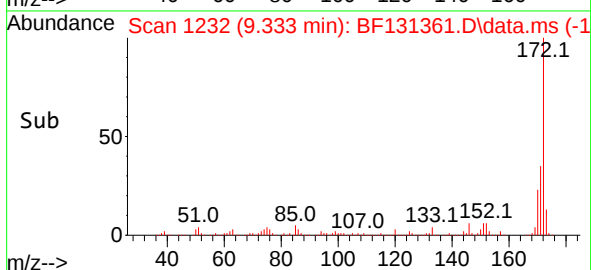
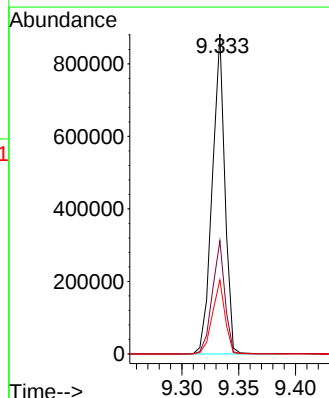
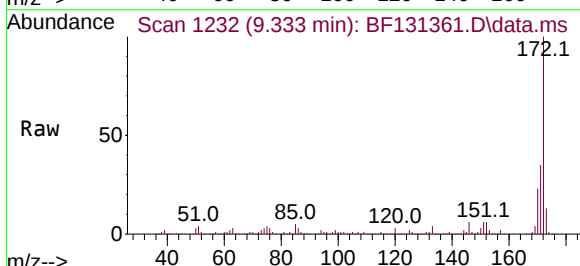
Tgt Ion:172 Resp: 683572

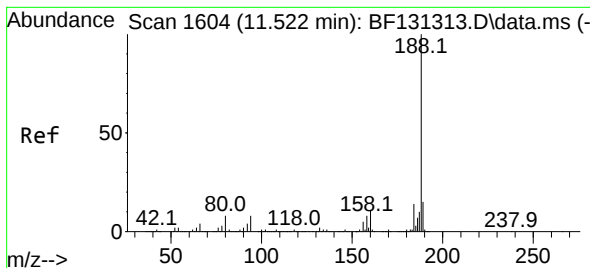
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.516 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF131361.D

Acq: 23 Nov 2022 14:00

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1

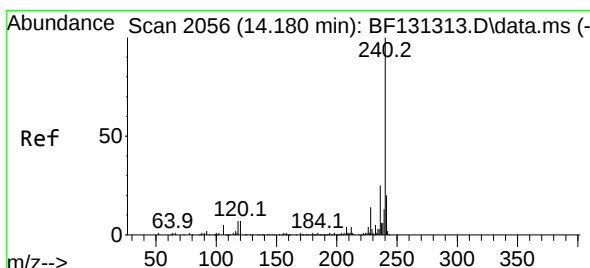
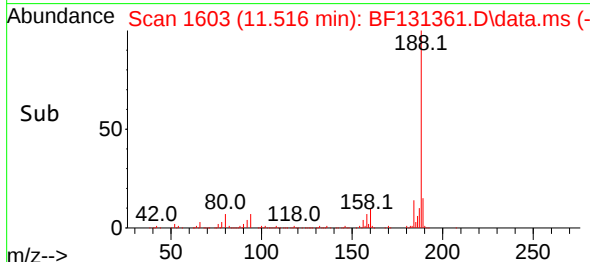
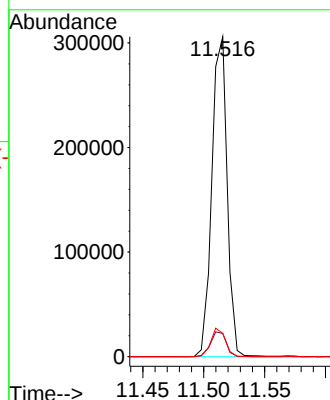
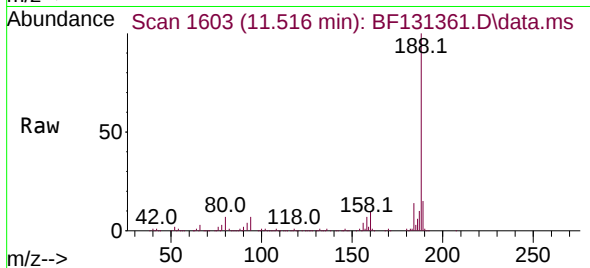
Tgt Ion:188 Resp: 268418

Ion Ratio Lower Upper

188 100

94 7.2 6.3 9.5

80 7.3 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.168 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BF131361.D

Acq: 23 Nov 2022 14:00

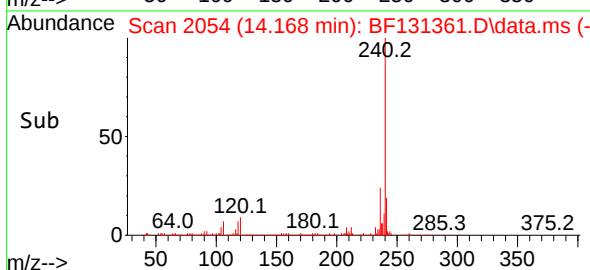
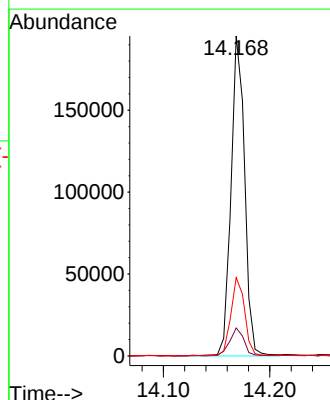
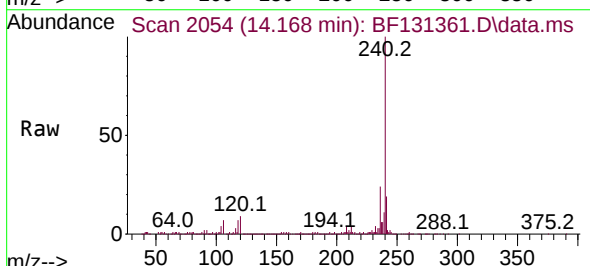
Tgt Ion:240 Resp: 173004

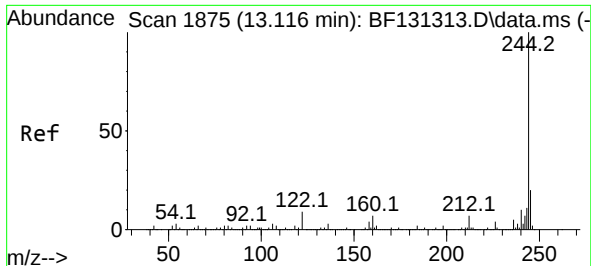
Ion Ratio Lower Upper

240 100

120 8.7 5.8 8.8

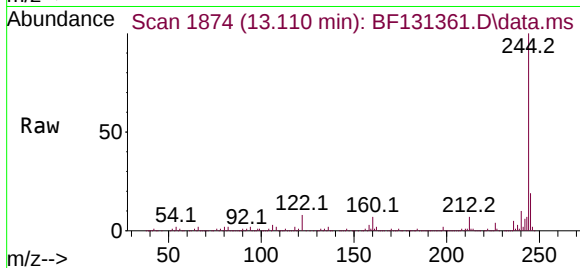
236 24.5 20.3 30.5



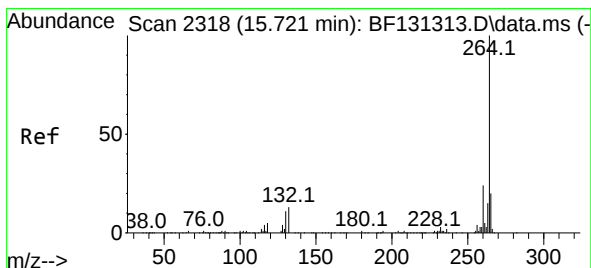
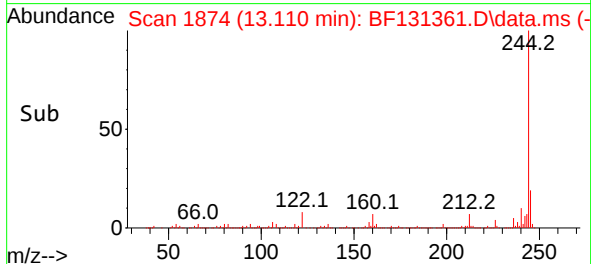
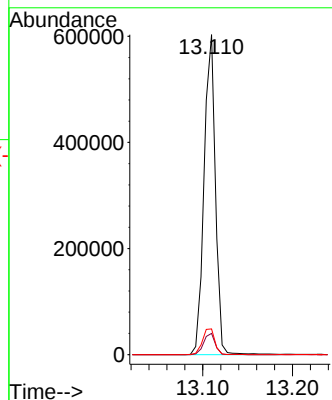


#79
 Terphenyl-d14
 Concen: 50.012 ng
 RT: 13.110 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: BF131361.D
 Acq: 23 Nov 2022 14:00

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-1



Tgt Ion:244 Resp: 529108
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 8.0 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.715 min Scan# 2317
 Delta R.T. -0.000 min
 Lab File: BF131361.D
 Acq: 23 Nov 2022 14:00

Tgt Ion:264 Resp: 197571
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.8 16.4 24.6

