

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131381.D
 Acq On : 24 Nov 2022 01:56
 Operator : CG\JU
 Sample : N5641-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-7

Quant Time: Nov 24 05:59:57 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 05:53:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	104021	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	347182	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	166192	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	252034	20.000	ng	0.00
76) Chrysene-d12	14.162	240	213461	20.000	ng	# 0.00
86) Perylene-d12	15.704	264	154037	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	512415	93.754	ng	0.01
7) Phenol-d6	6.569	99	636081	91.215	ng	0.00
23) Nitrobenzene-d5	7.522	82	397540	57.720	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	124237	88.856	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	681948	59.697	ng	0.00
79) Terphenyl-d14	13.104	244	623455	47.761	ng	0.00

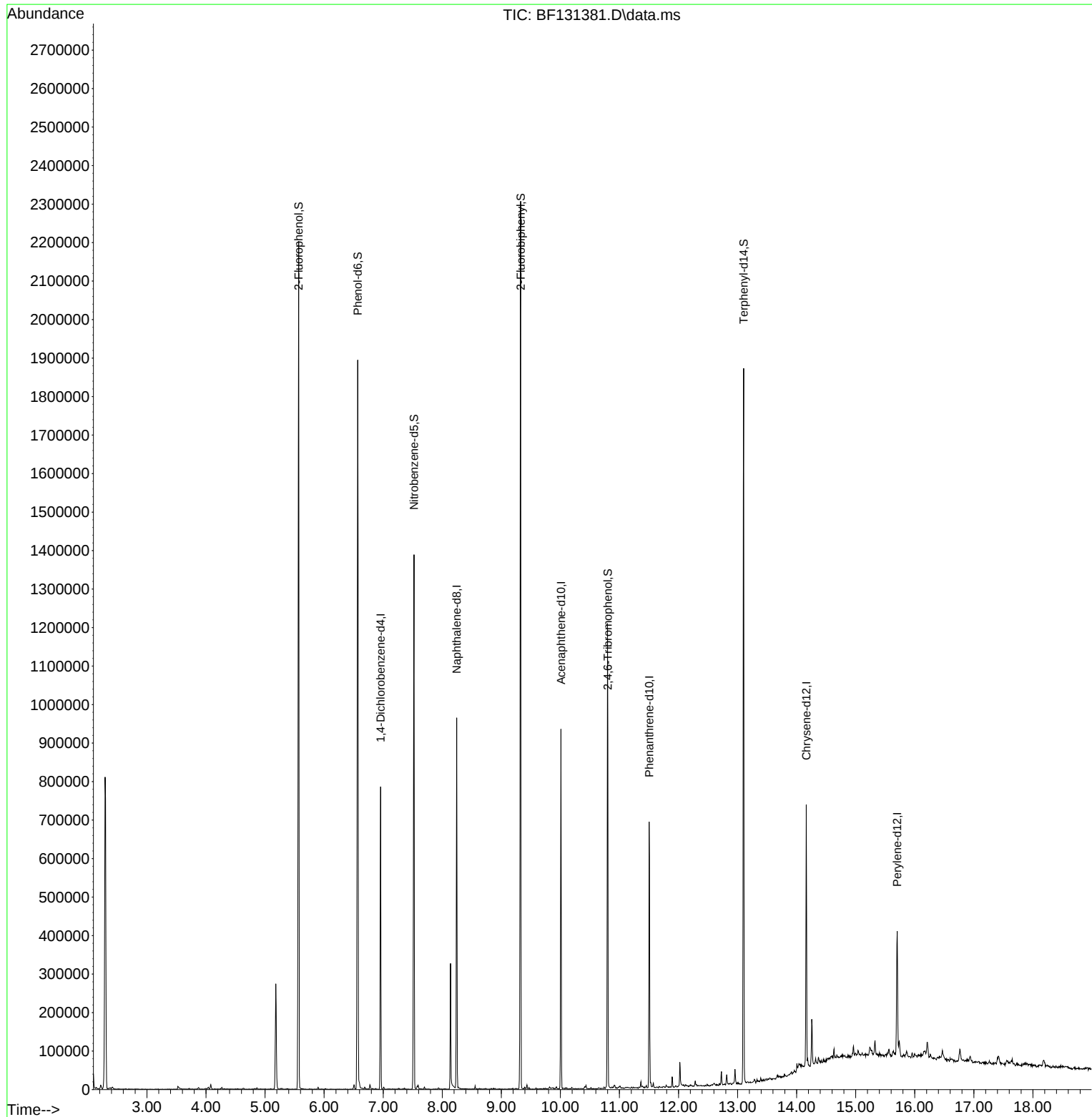
Target Compounds	Qvalue

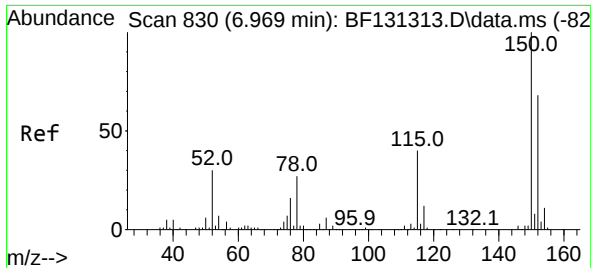
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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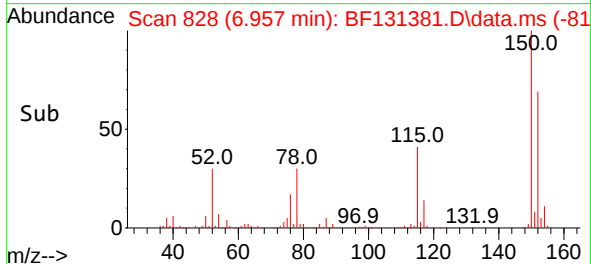
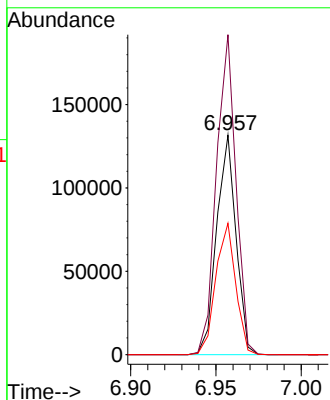
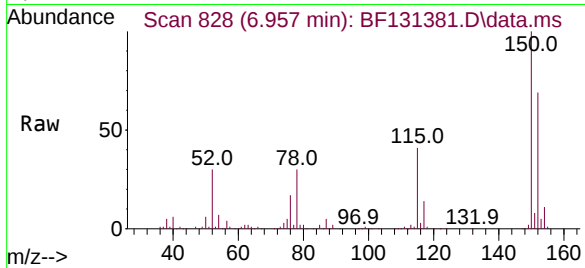




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131381.D
 Acq: 24 Nov 2022 01:56

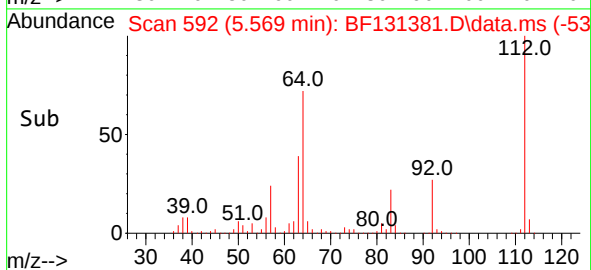
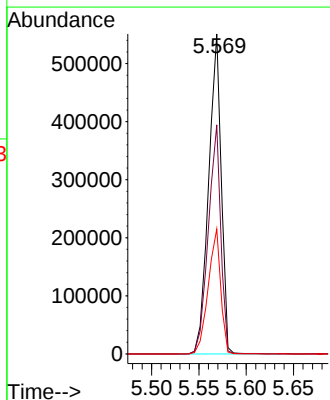
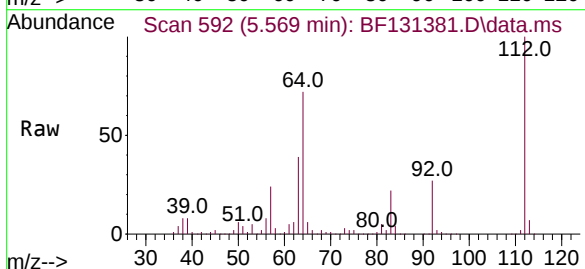
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-7

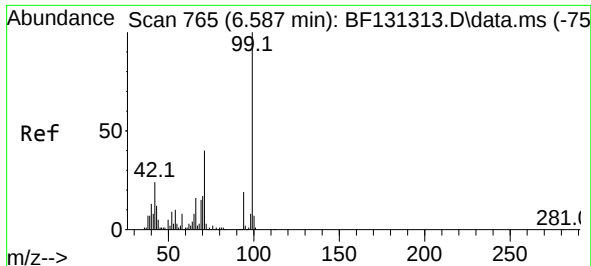
Tgt Ion:152 Resp: 104021
 Ion Ratio Lower Upper
 152 100
 150 145.8 117.8 176.8
 115 59.8 47.1 70.7



#5
 2-Fluorophenol
 Concen: 93.754 ng
 RT: 5.569 min Scan# 592
 Delta R.T. 0.012 min
 Lab File: BF131381.D
 Acq: 24 Nov 2022 01:56

Tgt Ion:112 Resp: 512415
 Ion Ratio Lower Upper
 112 100
 64 71.6 58.6 88.0
 63 39.0 31.4 47.0

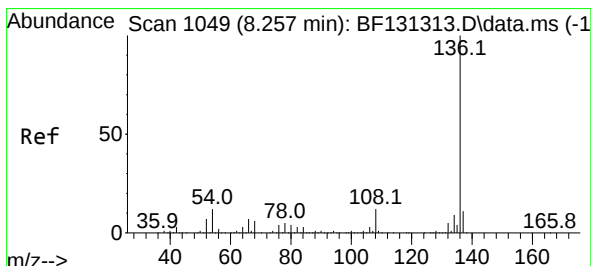
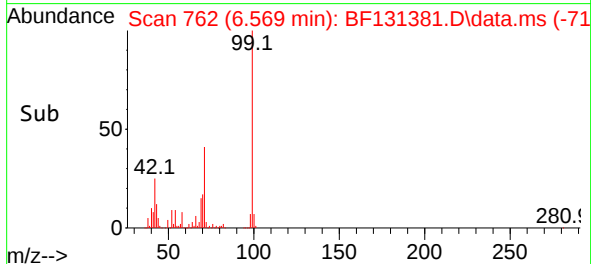
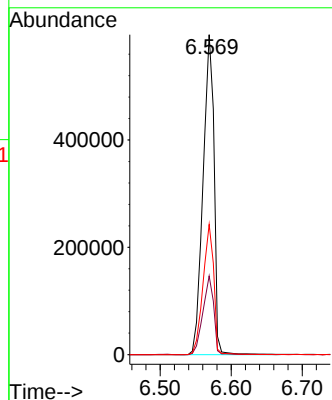
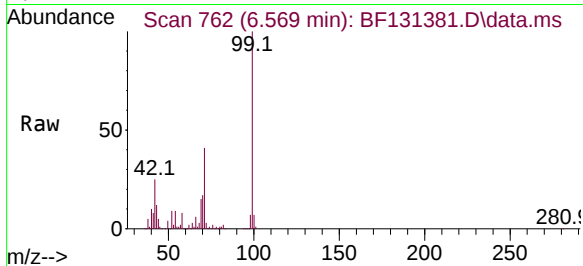




#7
Phenol-d6
Concen: 91.215 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131381.D
Acq: 24 Nov 2022 01:56

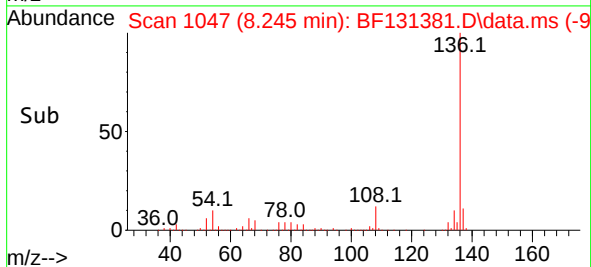
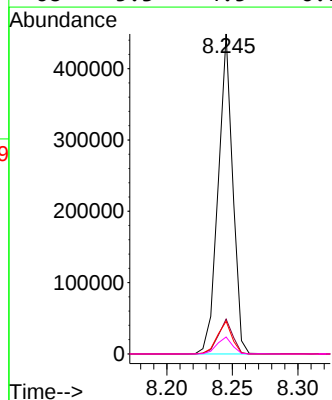
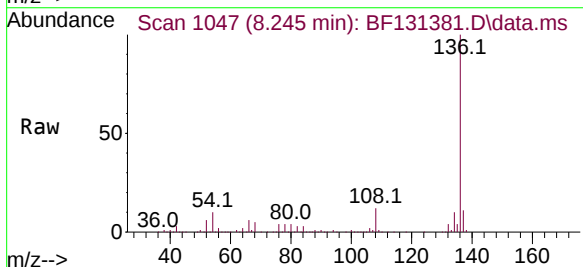
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-7

Tgt Ion: 99 Resp: 636081
Ion Ratio Lower Upper
99 100
42 24.6 19.4 29.2
71 40.7 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF131381.D
Acq: 24 Nov 2022 01:56

Tgt Ion: 136 Resp: 347182
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.2 9.4 14.0
68 5.3 4.5 6.7





#23

Nitrobenzene-d5

Concen: 57.720 ng

RT: 7.522 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF131381.D

Acq: 24 Nov 2022 01:56

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-7

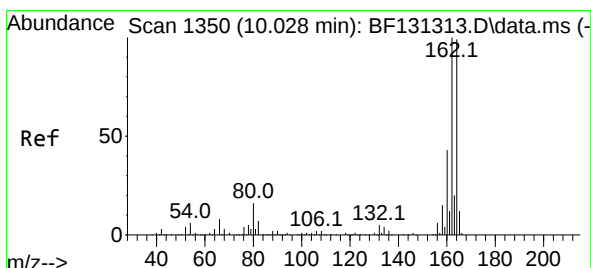
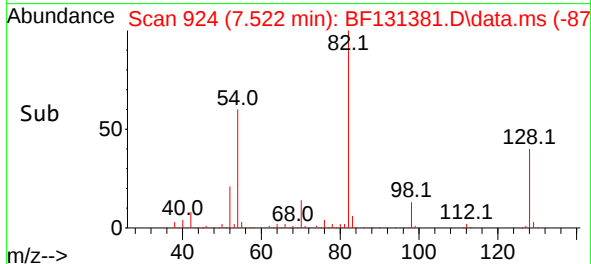
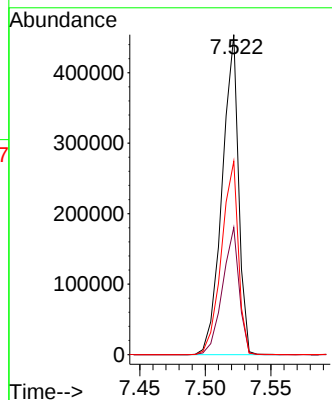
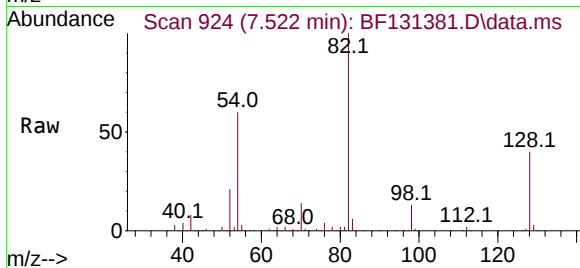
Tgt Ion: 82 Resp: 397540

Ion Ratio Lower Upper

82 100

128 39.7 31.4 47.0

54 60.4 49.8 74.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1347

Delta R.T. -0.000 min

Lab File: BF131381.D

Acq: 24 Nov 2022 01:56

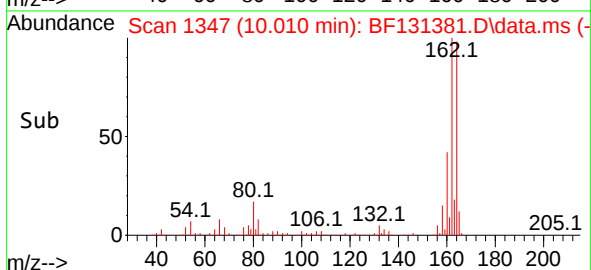
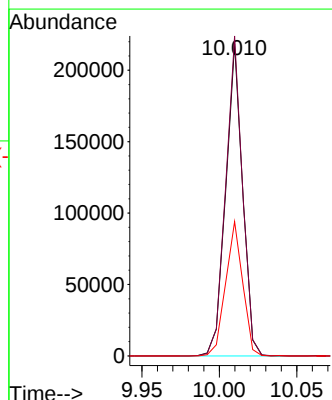
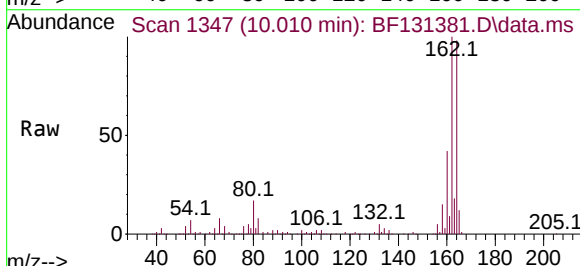
Tgt Ion:164 Resp: 166192

Ion Ratio Lower Upper

164 100

162 102.5 80.6 120.8

160 43.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 88.856 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.000 min

Lab File: BF131381.D

Acq: 24 Nov 2022 01:56

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-7

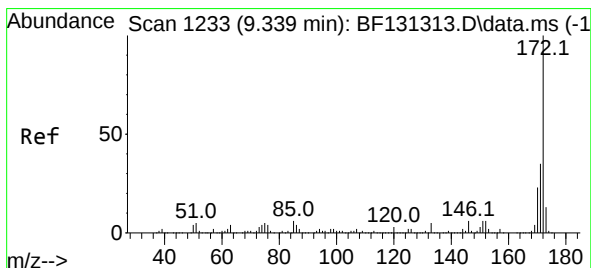
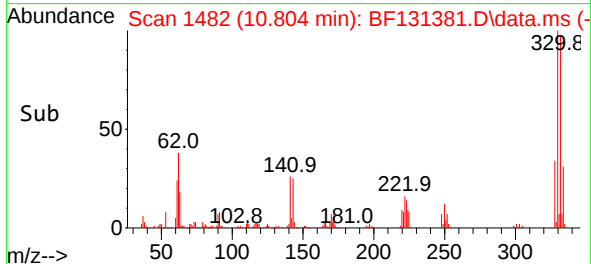
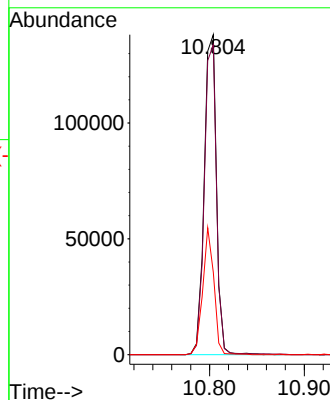
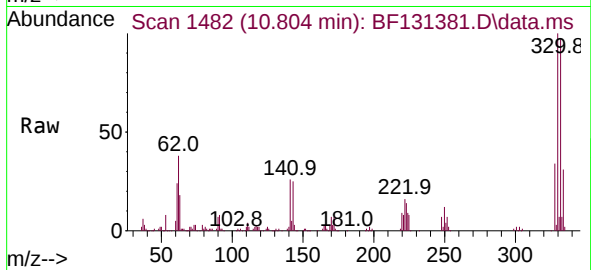
Tgt Ion:330 Resp: 124237

Ion Ratio Lower Upper

330 100

332 96.4 77.5 116.3

141 35.9 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 59.697 ng

RT: 9.327 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF131381.D

Acq: 24 Nov 2022 01:56

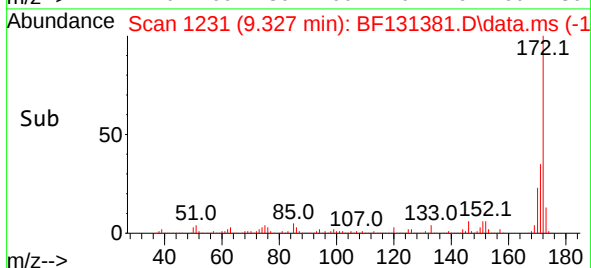
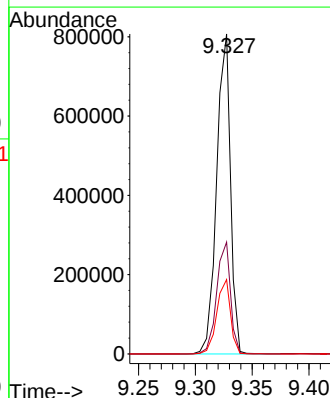
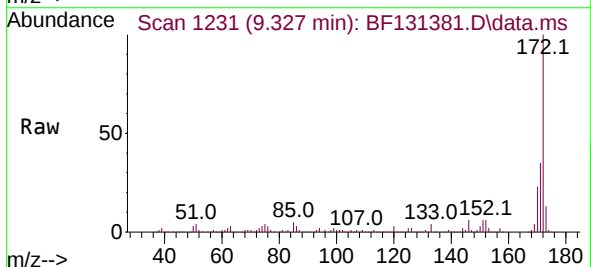
Tgt Ion:172 Resp: 681948

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.2 18.7 28.1

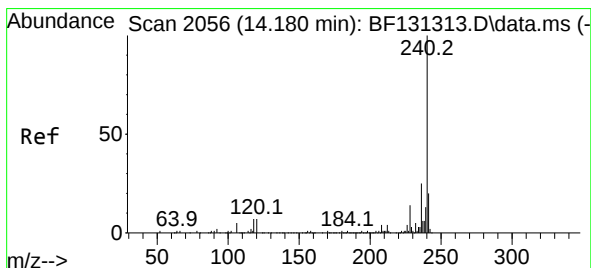
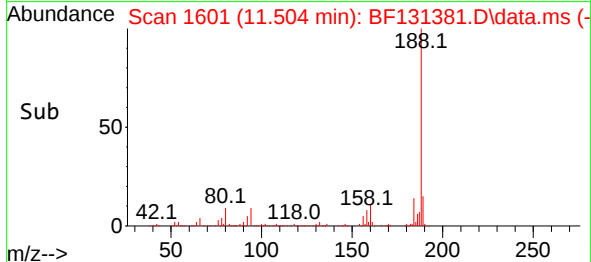
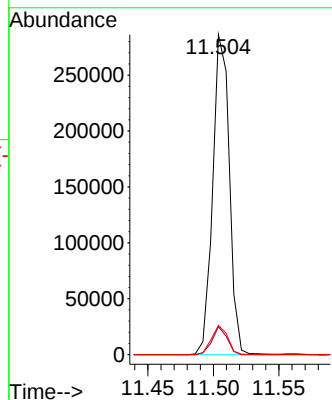
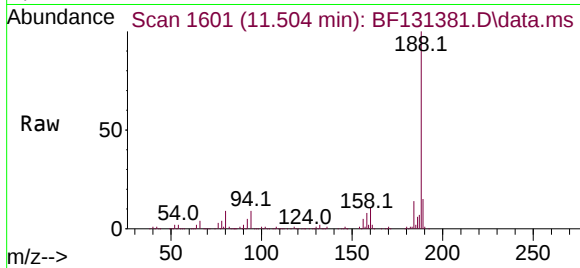




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF131381.D
Acq: 24 Nov 2022 01:56

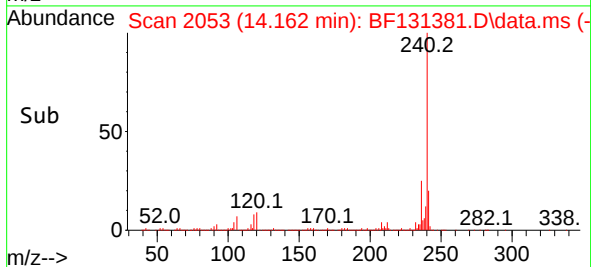
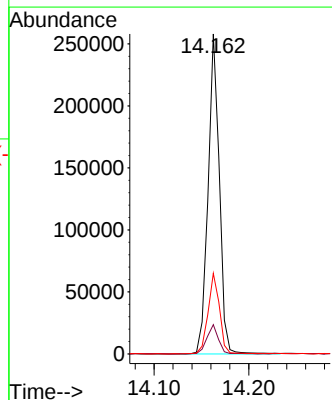
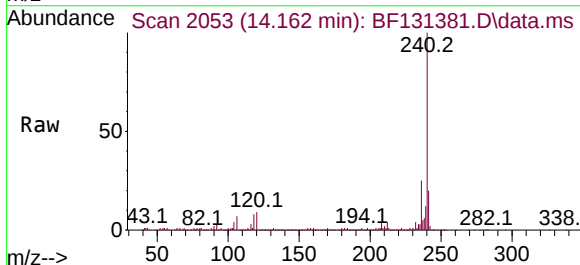
Instrument :
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SOIL-PILE-7

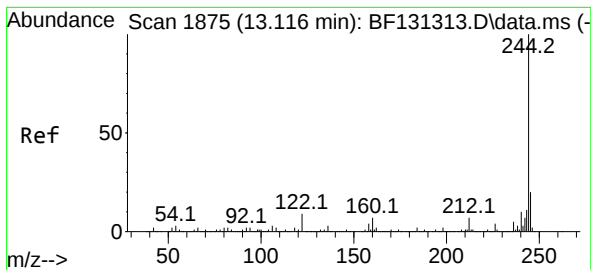
Tgt Ion:188 Resp: 252034
Ion Ratio Lower Upper
188 100
94 8.7 6.3 9.5
80 9.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.162 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BF131381.D
Acq: 24 Nov 2022 01:56

Tgt Ion:240 Resp: 213461
Ion Ratio Lower Upper
240 100
120 9.1 5.8 8.8#
236 25.2 20.3 30.5





#79

Terphenyl-d14

Concen: 47.761 ng

RT: 13.104 min Scan# 1875

Delta R.T. 0.006 min

Lab File: BF131381.D

Acq: 24 Nov 2022 01:56

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-7

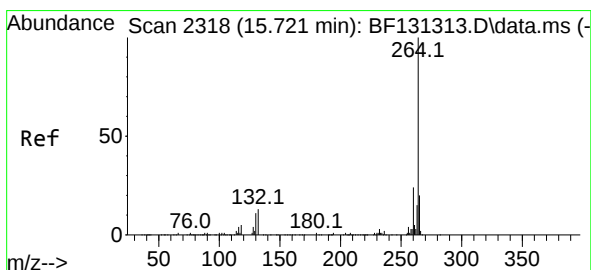
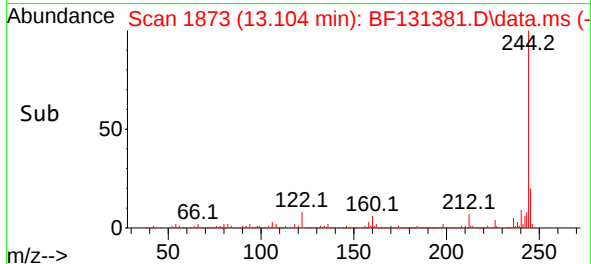
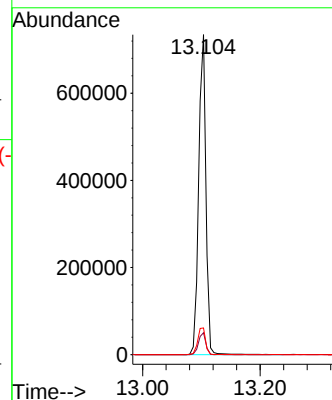
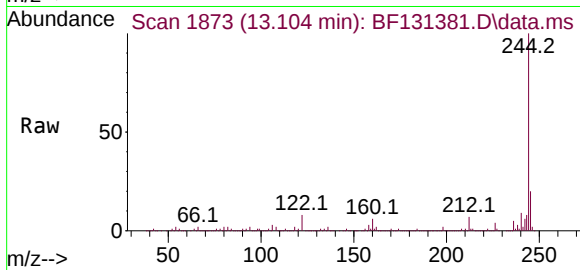
Tgt Ion:244 Resp: 623455

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 8.3 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.704 min Scan# 2315

Delta R.T. 0.012 min

Lab File: BF131381.D

Acq: 24 Nov 2022 01:56

Tgt Ion:264 Resp: 154037

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.4

265 21.9 16.4 24.6

