

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135438.D
 Acq On : 25 Sep 2023 20:55
 Operator : CG\JU
 Sample : 04567-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SE-SOIL-3

Quant Time: Sep 26 01:44:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	155822	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	587285	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	262314	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	387337	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	282844	20.000	ng	0.00
86) Perylene-d12	15.404	264	266791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	826173	86.235	ng	0.00
7) Phenol-d6	6.398	99	1051841	86.343	ng	0.00
23) Nitrobenzene-d5	7.316	82	626436	57.951	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	164399	63.066	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1000732	57.558	ng	0.00
79) Terphenyl-d14	12.874	244	700141	38.373	ng	0.00

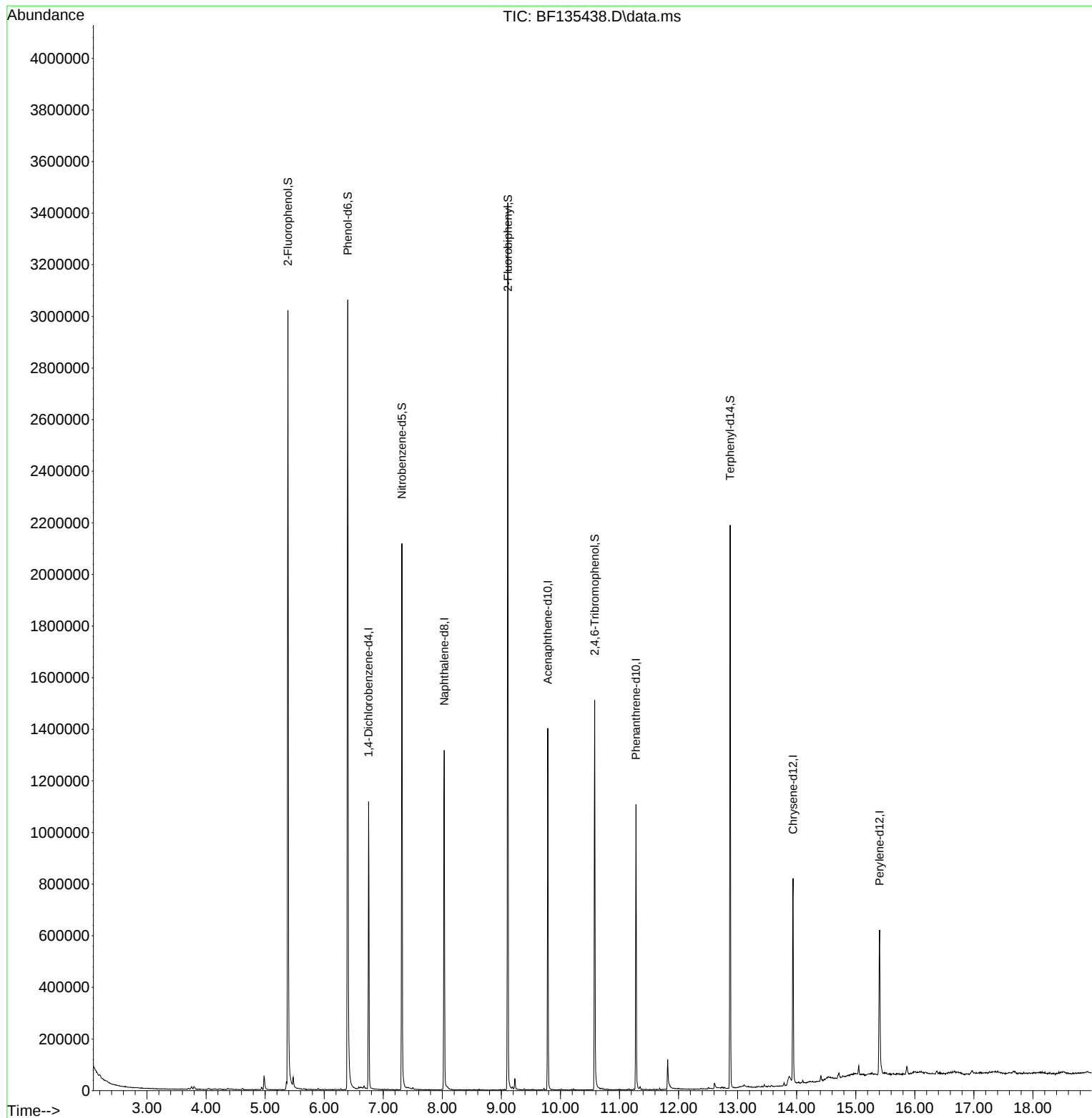
Target Compounds	Qvalue

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

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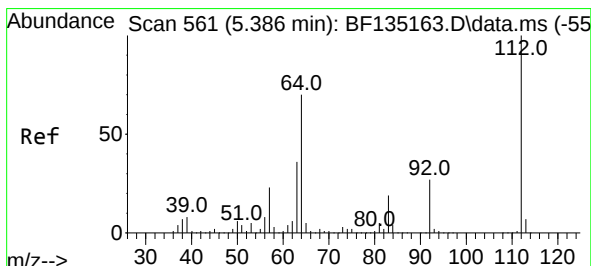
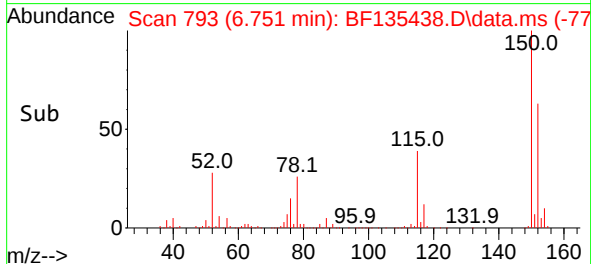
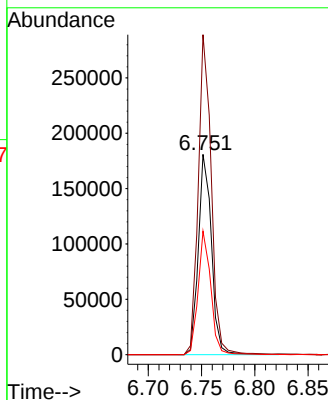
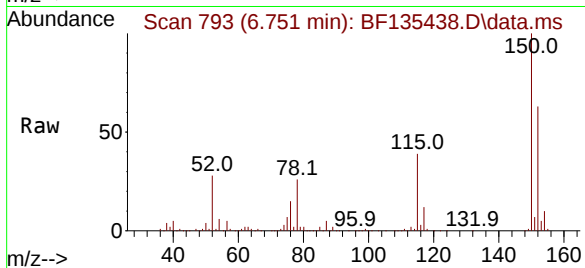




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135438.D
Acq: 25 Sep 2023 20:55

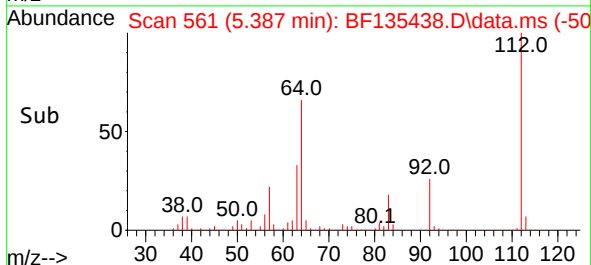
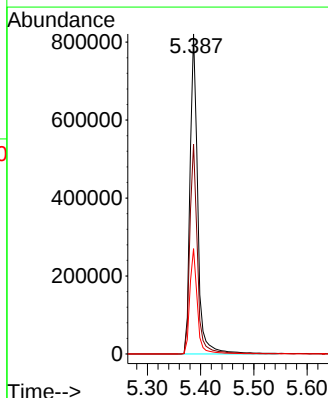
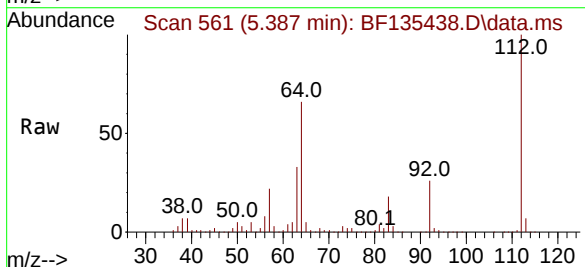
Instrument :
BNA_F
ClientSampleId :
SE-SOIL-3

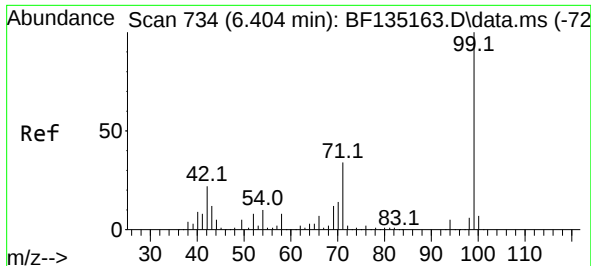
Tgt Ion:152 Resp: 155822
Ion Ratio Lower Upper
152 100
150 159.8 127.8 191.6
115 61.7 49.8 74.8



#5
2-Fluorophenol
Concen: 86.235 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF135438.D
Acq: 25 Sep 2023 20:55

Tgt Ion:112 Resp: 826173
Ion Ratio Lower Upper
112 100
64 65.6 55.9 83.9
63 32.9 29.0 43.6

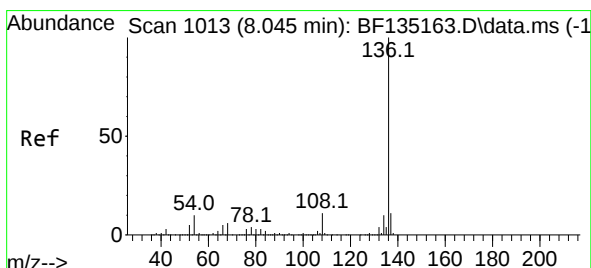
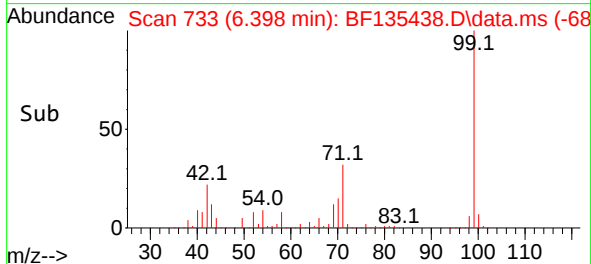
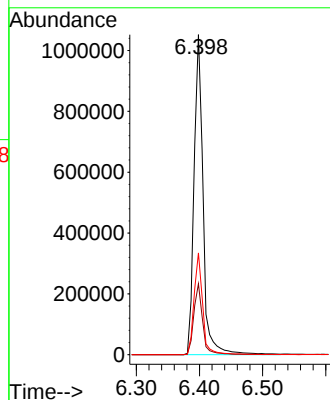
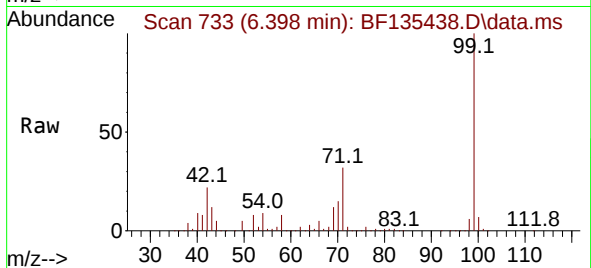




#7
Phenol-d6
Concen: 86.343 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135438.D
Acq: 25 Sep 2023 20:55

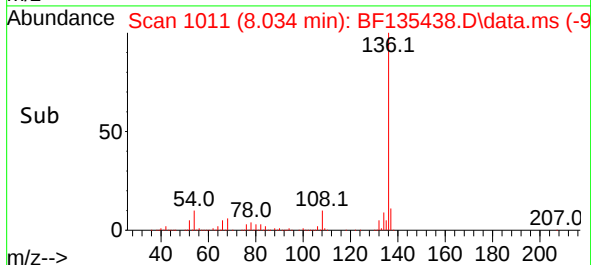
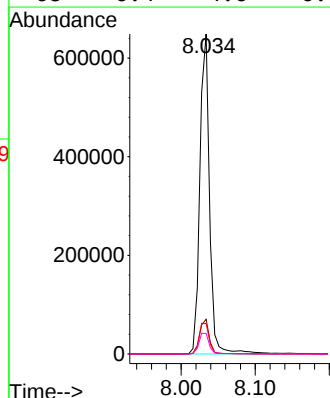
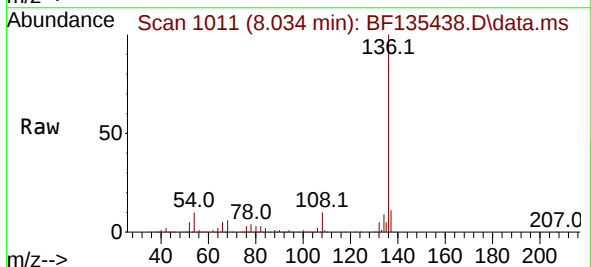
Instrument :
BNA_F
ClientSampleId :
SE-SOIL-3

Tgt Ion: 99 Resp: 1051841
Ion Ratio Lower Upper
99 100
42 22.1 17.9 26.9
71 31.8 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF135438.D
Acq: 25 Sep 2023 20:55

Tgt Ion: 136 Resp: 587285
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.5 7.7 11.5
68 6.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 57.951 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135438.D

Acq: 25 Sep 2023 20:55

Instrument :

BNA_F

ClientSampleId :

SE-SOIL-3

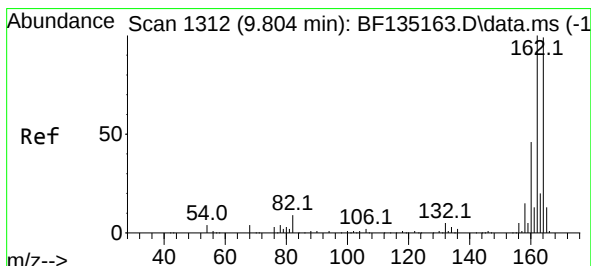
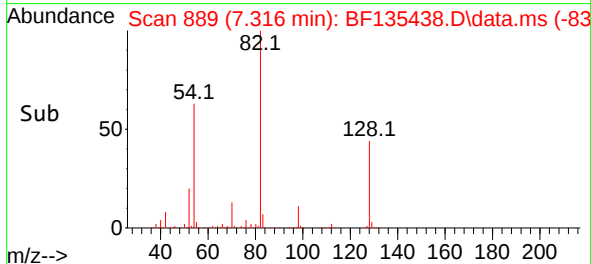
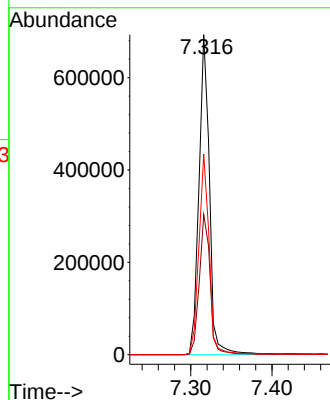
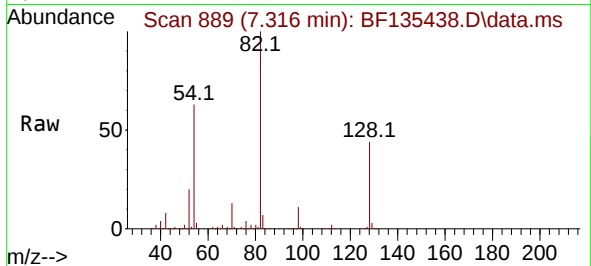
Tgt Ion: 82 Resp: 626436

Ion Ratio Lower Upper

82 100

128 43.8 35.8 53.6

54 62.7 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF135438.D

Acq: 25 Sep 2023 20:55

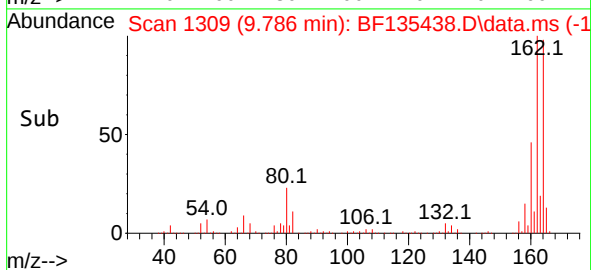
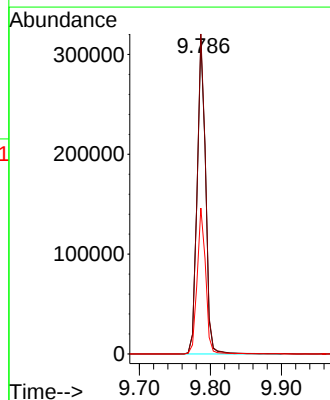
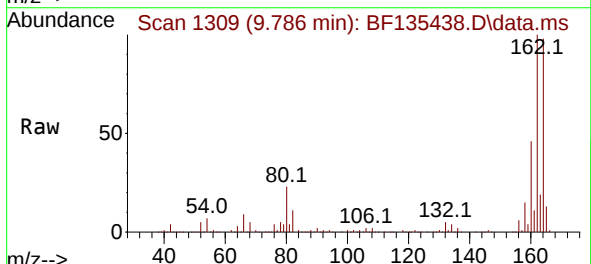
Tgt Ion:164 Resp: 262314

Ion Ratio Lower Upper

164 100

162 102.0 81.0 121.4

160 46.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 63.066 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135438.D

Acq: 25 Sep 2023 20:55

Instrument :

BNA_F

ClientSampleId :

SE-SOIL-3

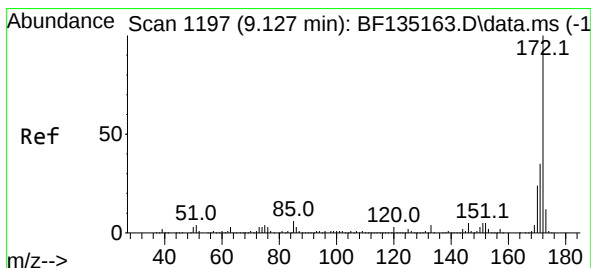
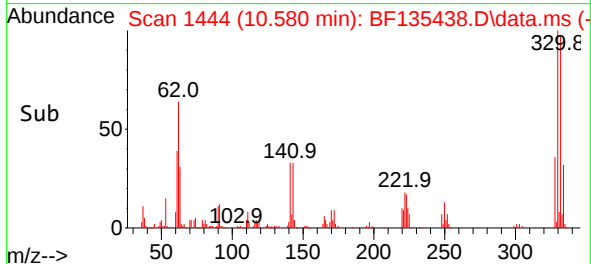
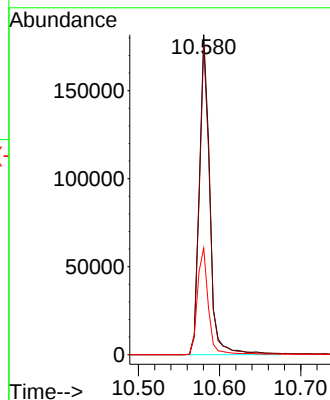
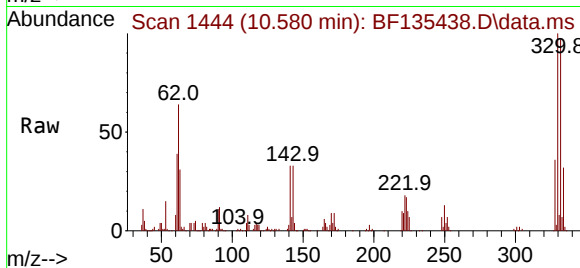
Tgt Ion:330 Resp: 164399

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 35.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 57.558 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF135438.D

Acq: 25 Sep 2023 20:55

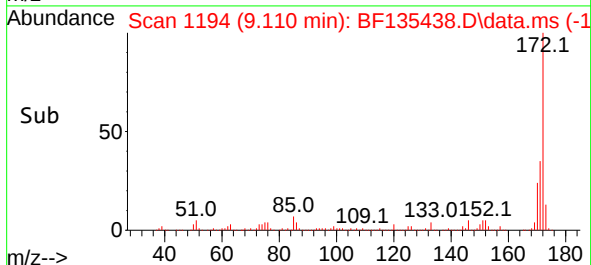
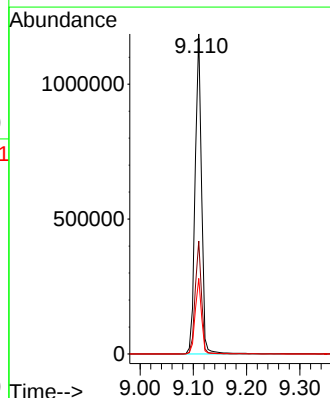
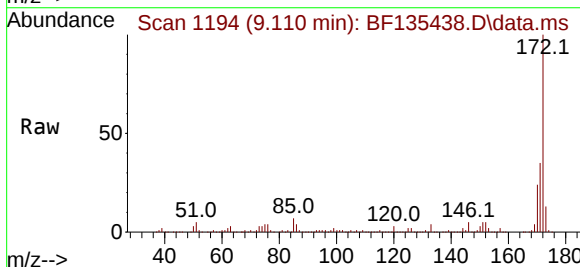
Tgt Ion:172 Resp: 1000732

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135438.D

Acq: 25 Sep 2023 20:55

Instrument :

BNA_F

ClientSampleId :

SE-SOIL-3

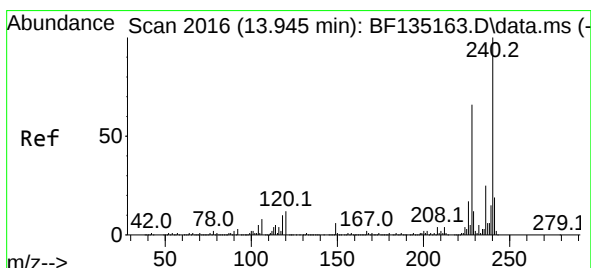
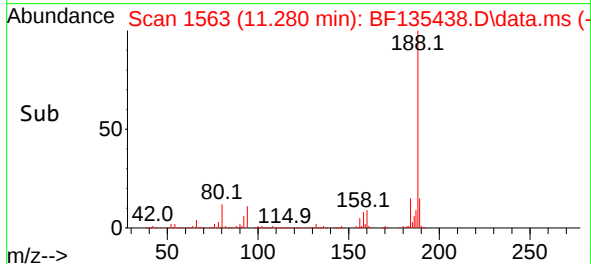
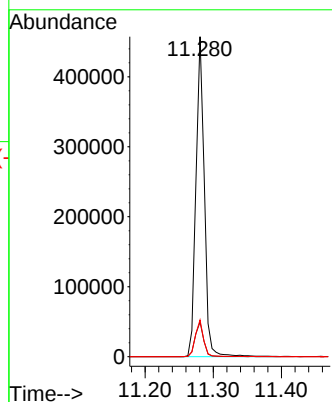
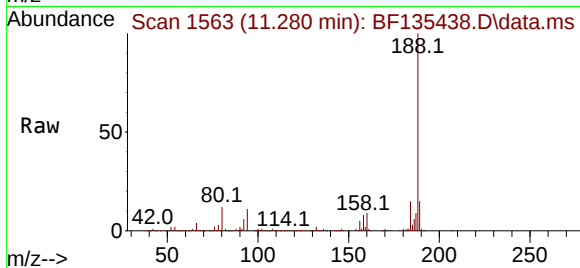
Tgt Ion:188 Resp: 387337

Ion Ratio Lower Upper

188 100

94 10.8 7.0 10.6#

80 11.5 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF135438.D

Acq: 25 Sep 2023 20:55

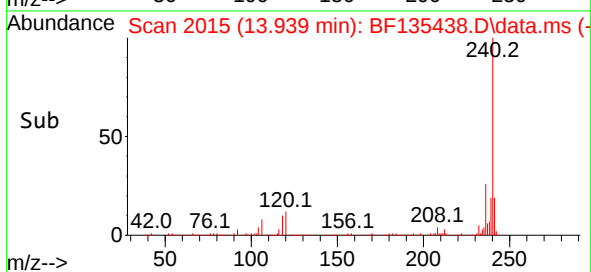
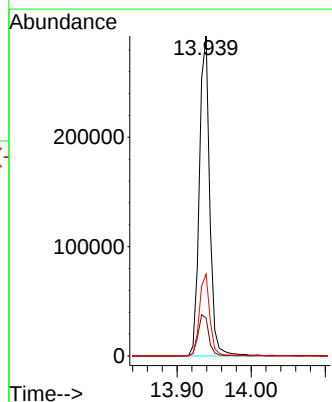
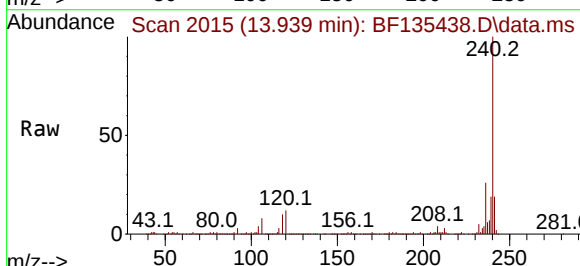
Tgt Ion:240 Resp: 282844

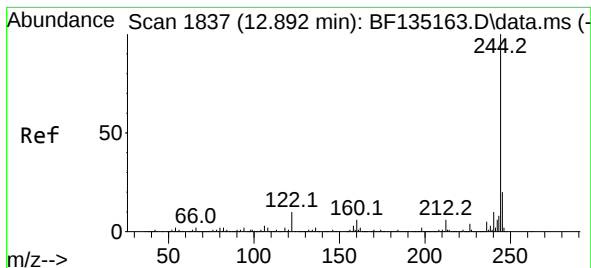
Ion Ratio Lower Upper

240 100

120 11.9 9.4 14.2

236 25.6 19.8 29.8





#79

Terphenyl-d14

Concen: 38.373 ng

RT: 12.874 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BF135438.D

Acq: 25 Sep 2023 20:55

Instrument :

BNA_F

ClientSampleId :

SE-SOIL-3

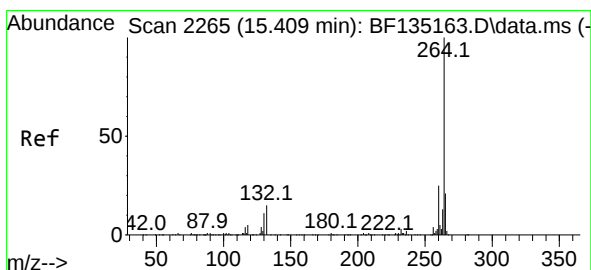
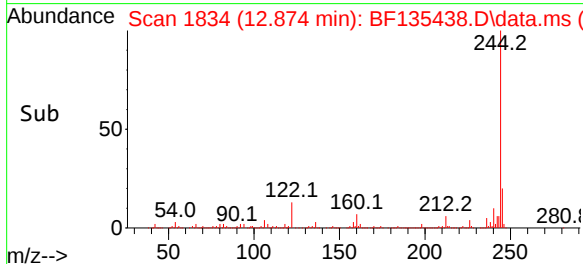
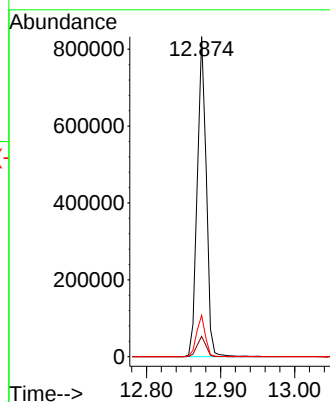
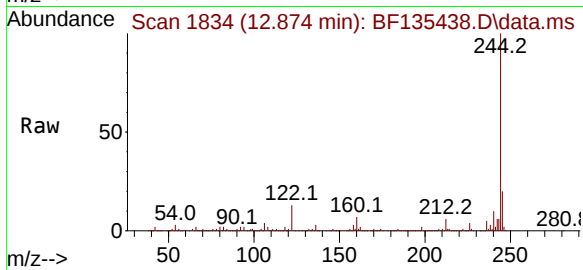
Tgt Ion:244 Resp: 700141

Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

122 12.9 7.9 11.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.000 min

Lab File: BF135438.D

Acq: 25 Sep 2023 20:55

Tgt Ion:264 Resp: 266791

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.6

265 22.3 17.0 25.4

