

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135437.D
 Acq On : 25 Sep 2023 20:25
 Operator : CG\JU
 Sample : 04567-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SE-SOIL-2

Quant Time: Sep 26 01:44:37 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	170898	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	635494	20.000	ng	# 0.00
39) Acenaphthene-d10	9.786	164	292226	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	428464	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	302703	20.000	ng	0.00
86) Perylene-d12	15.404	264	285845	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	886190	84.339	ng	0.00
7) Phenol-d6	6.398	99	1133268	84.820	ng	0.00
23) Nitrobenzene-d5	7.316	82	684283	58.500	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	185385	63.837	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1091194	56.337	ng	0.00
79) Terphenyl-d14	12.874	244	758337	38.836	ng	0.00

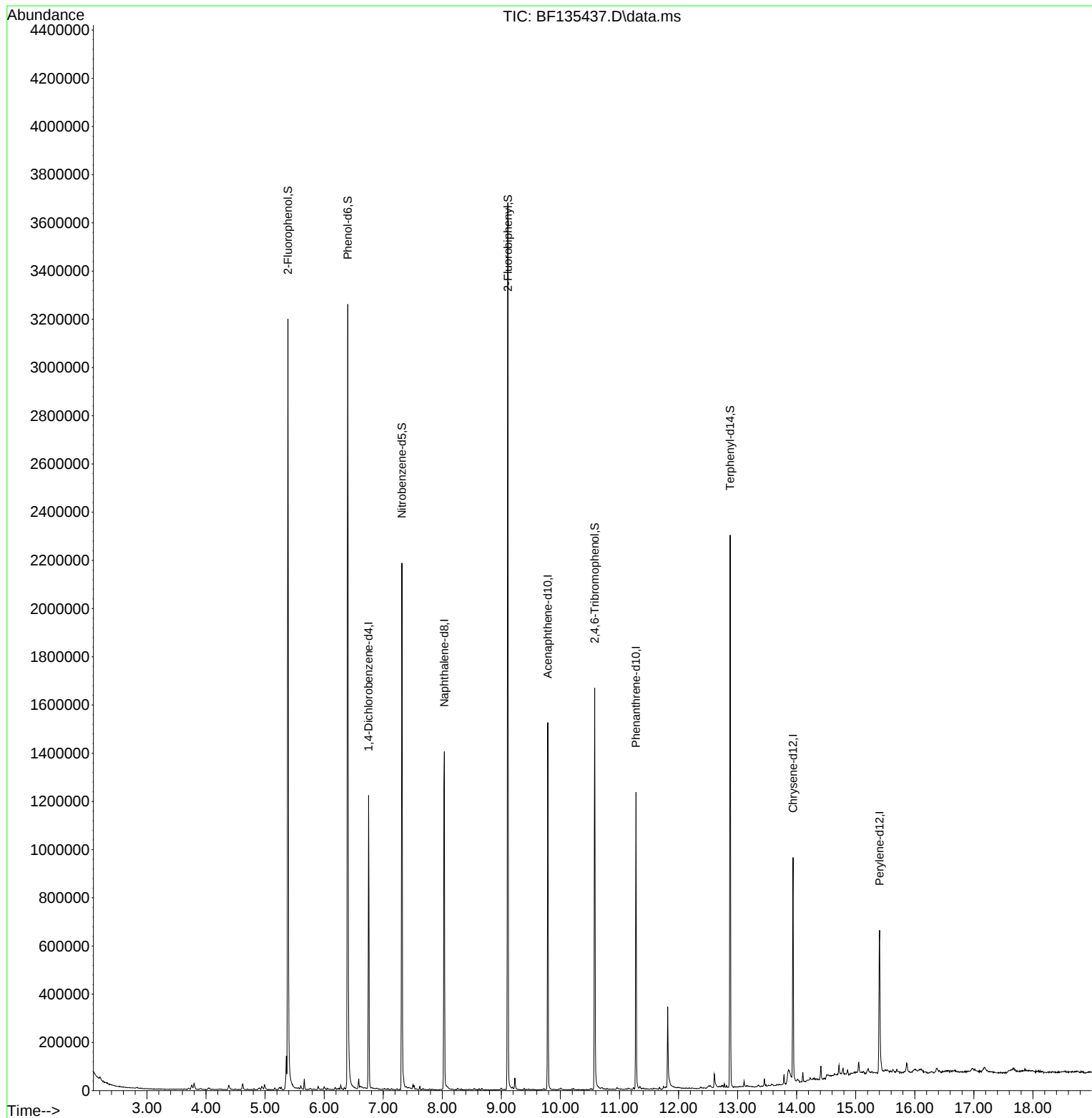
Target Compounds	Qvalue

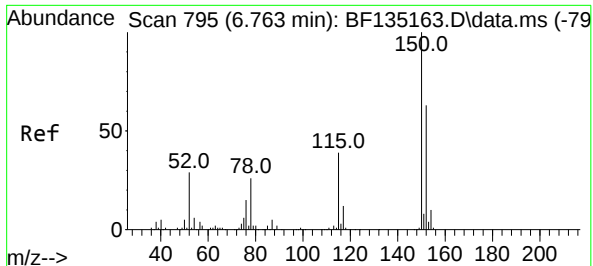
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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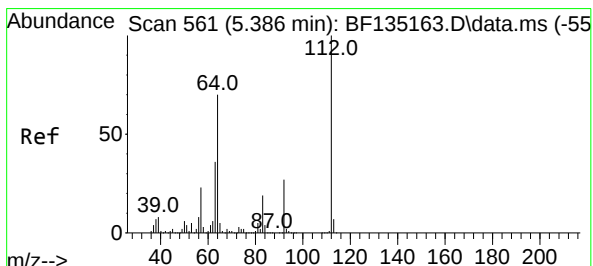
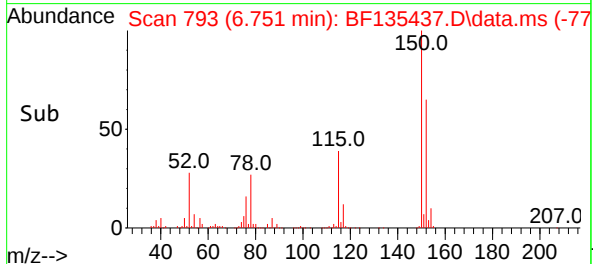
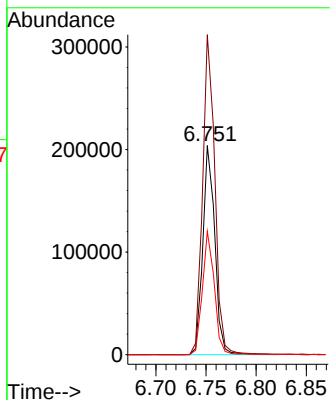
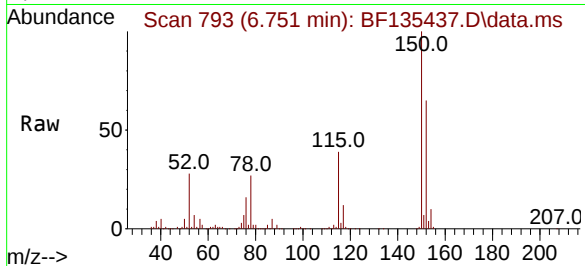




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135437.D
Acq: 25 Sep 2023 20:25

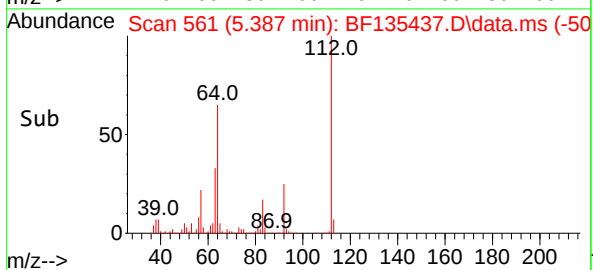
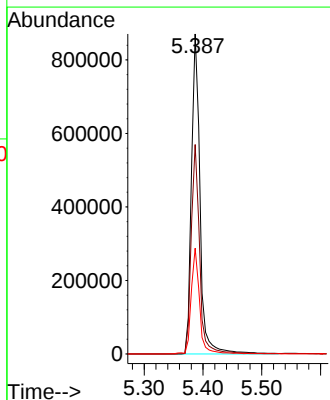
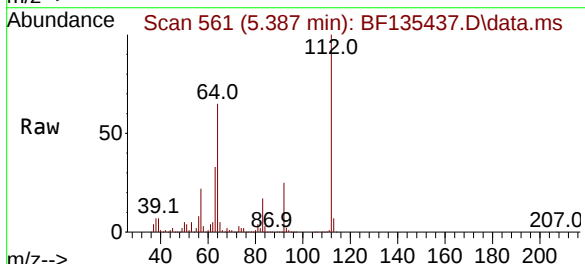
Instrument :
BNA_F
ClientSampleId :
SE-SOIL-2

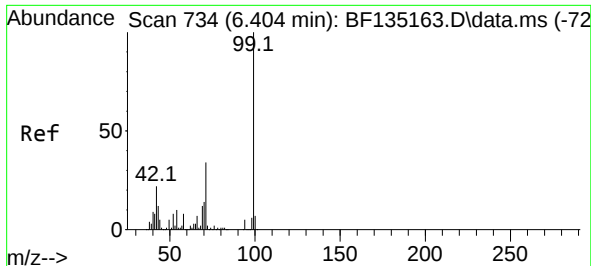
Tgt Ion:152 Resp: 170898
Ion Ratio Lower Upper
152 100
150 153.0 127.8 191.6
115 59.0 49.8 74.8



#5
2-Fluorophenol
Concen: 84.339 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF135437.D
Acq: 25 Sep 2023 20:25

Tgt Ion:112 Resp: 886190
Ion Ratio Lower Upper
112 100
64 65.4 55.9 83.9
63 33.1 29.0 43.6





#7

Phenol-d6

Concen: 84.820 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135437.D

Acq: 25 Sep 2023 20:25

Instrument :

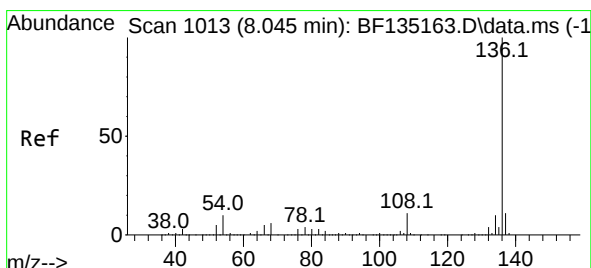
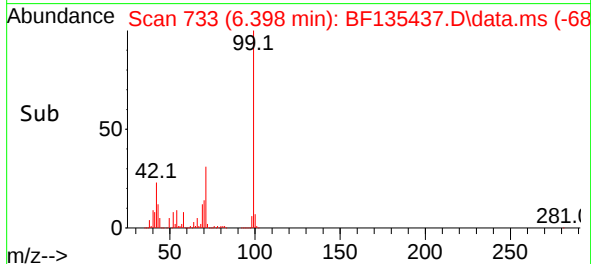
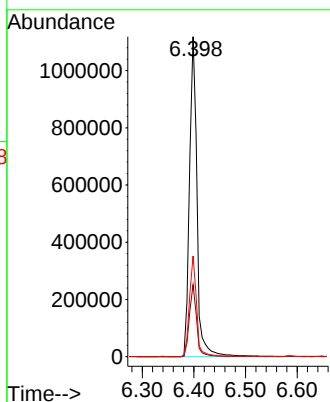
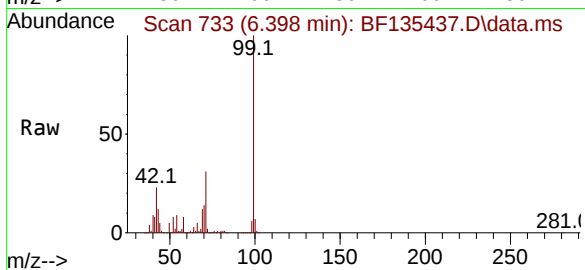
BNA_F

ClientSampleId :

SE-SOIL-2

Tgt Ion: 99 Resp: 1133268

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.9	26.9
71	31.5	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1011

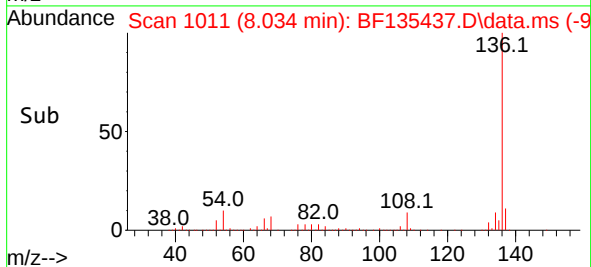
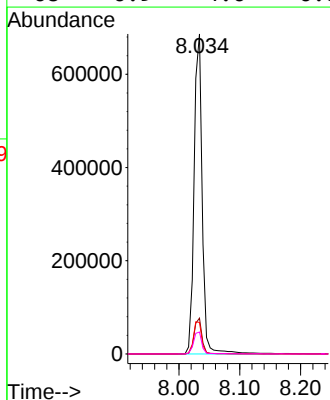
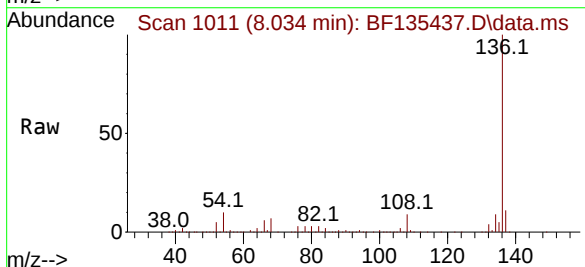
Delta R.T. 0.000 min

Lab File: BF135437.D

Acq: 25 Sep 2023 20:25

Tgt Ion: 136 Resp: 635494

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.9	7.7	11.5
68	6.9	4.6	6.8





#23

Nitrobenzene-d5

Concen: 58.500 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135437.D

Acq: 25 Sep 2023 20:25

Instrument :

BNA_F

ClientSampleId :

SE-SOIL-2

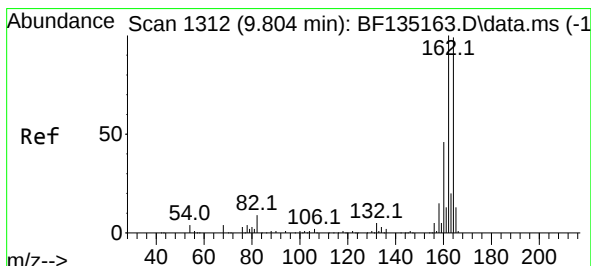
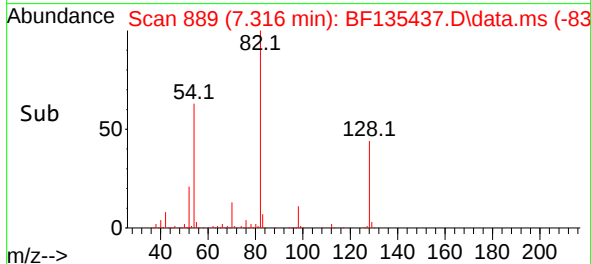
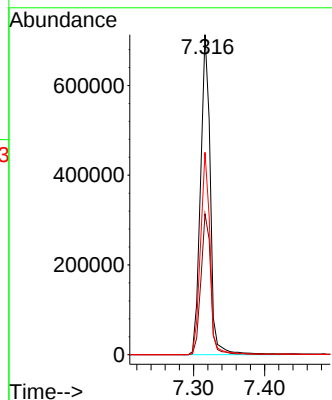
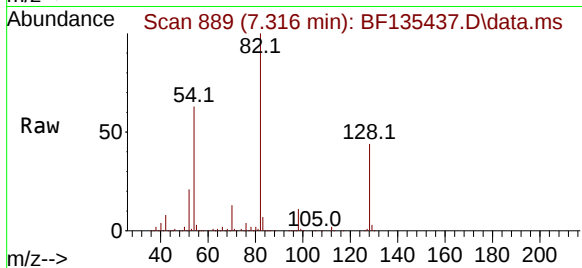
Tgt Ion: 82 Resp: 684283

Ion Ratio Lower Upper

82 100

128 44.0 35.8 53.6

54 63.3 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: BF135437.D

Acq: 25 Sep 2023 20:25

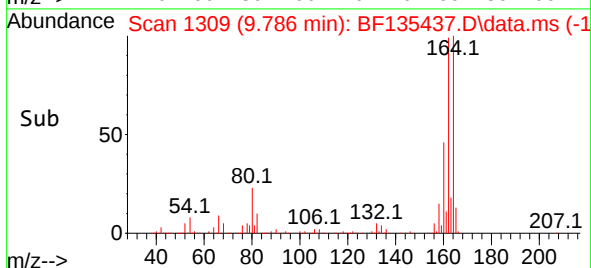
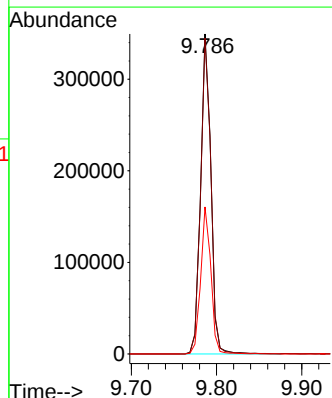
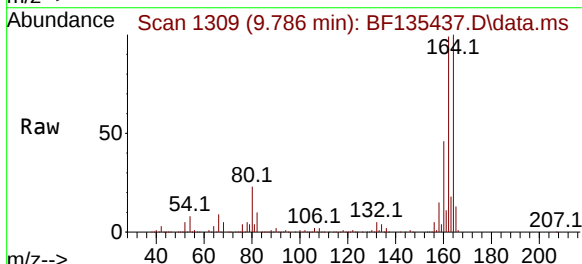
Tgt Ion: 164 Resp: 292226

Ion Ratio Lower Upper

164 100

162 98.8 81.0 121.4

160 46.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 63.837 ng

RT: 10.581 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135437.D

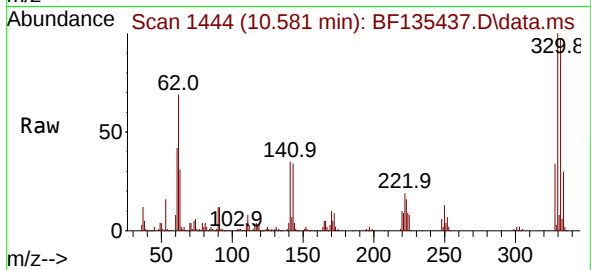
Acq: 25 Sep 2023 20:25

Instrument :

BNA_F

ClientSampleId :

SE-SOIL-2



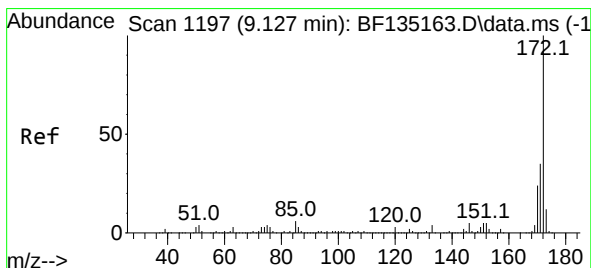
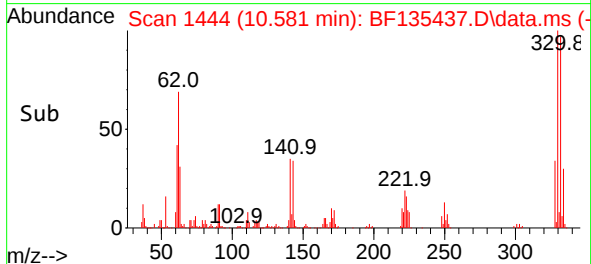
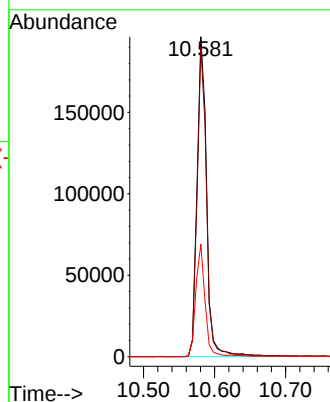
Tgt Ion:330 Resp: 185385

Ion Ratio Lower Upper

330 100

332 94.6 77.3 115.9

141 34.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 56.337 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF135437.D

Acq: 25 Sep 2023 20:25

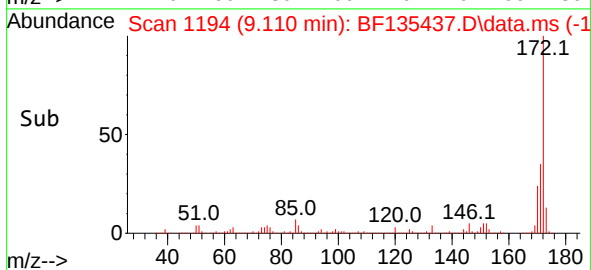
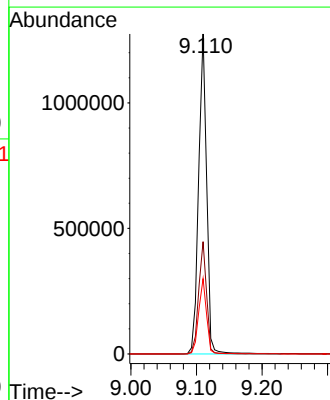
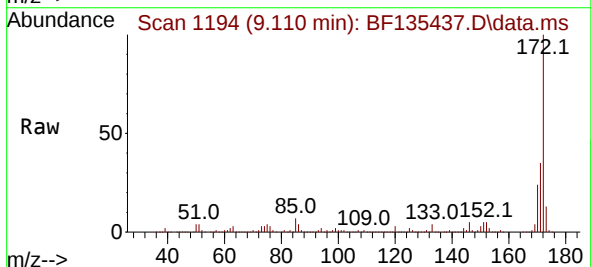
Tgt Ion:172 Resp: 1091194

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.5 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: BF135437.D

Acq: 25 Sep 2023 20:25

Instrument :

BNA_F

ClientSampleId :

SE-SOIL-2

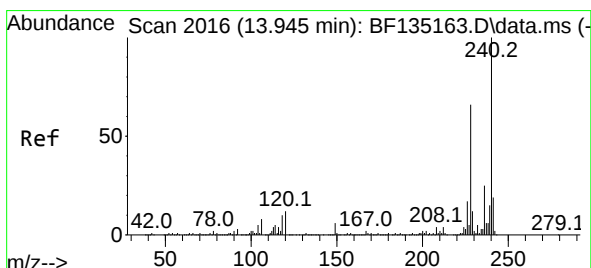
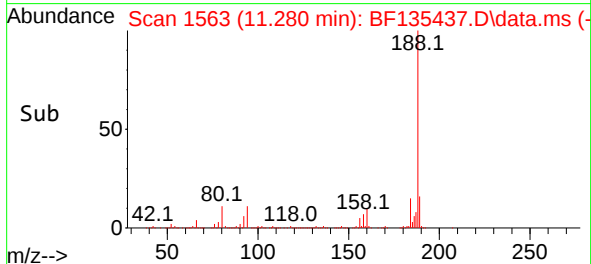
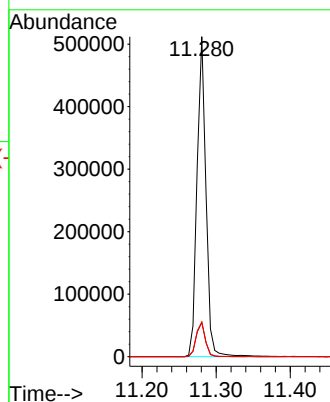
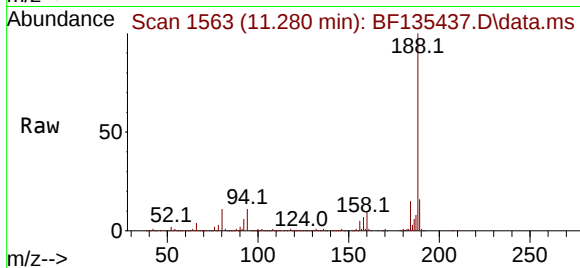
Tgt Ion:188 Resp: 428464

Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.6#

80 10.8 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: BF135437.D

Acq: 25 Sep 2023 20:25

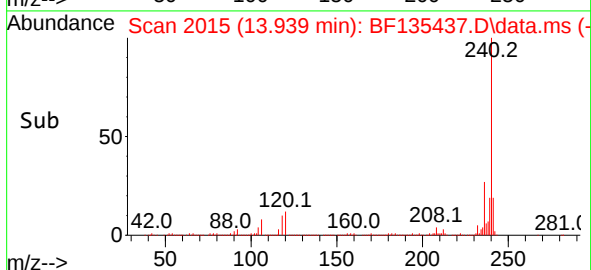
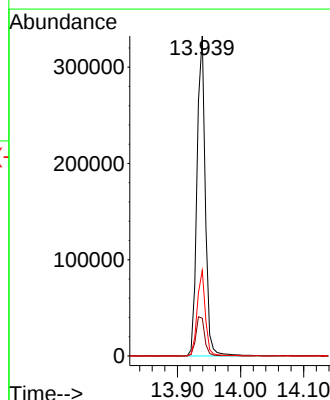
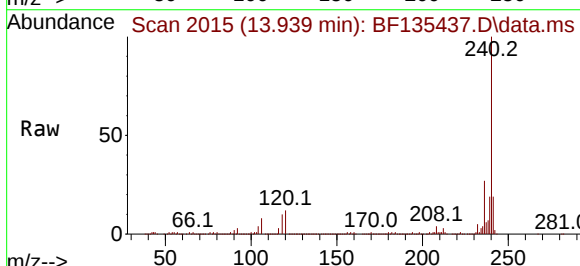
Tgt Ion:240 Resp: 302703

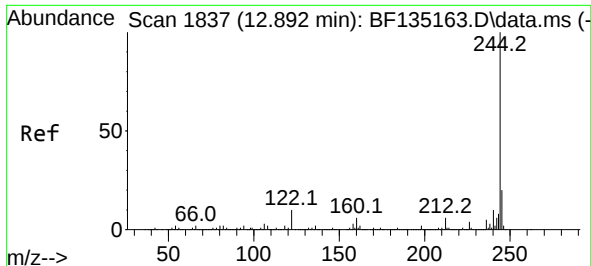
Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.2

236 26.8 19.8 29.8

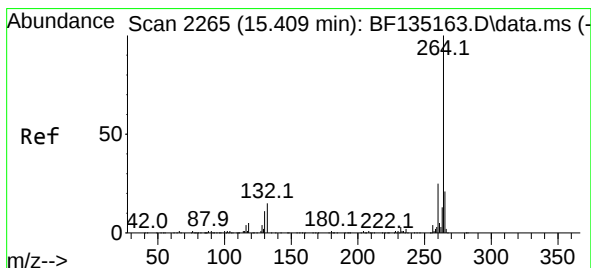
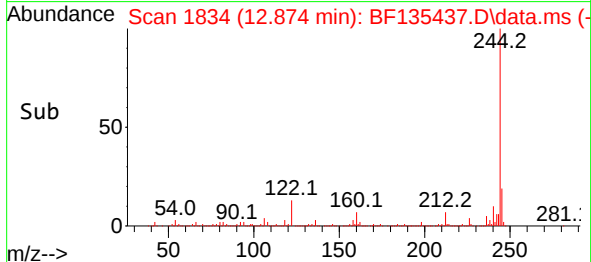
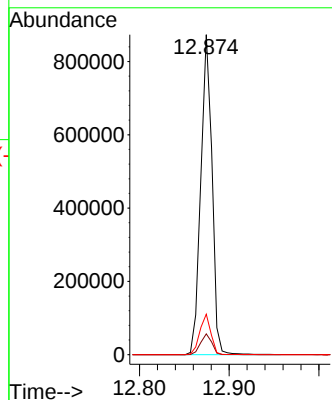
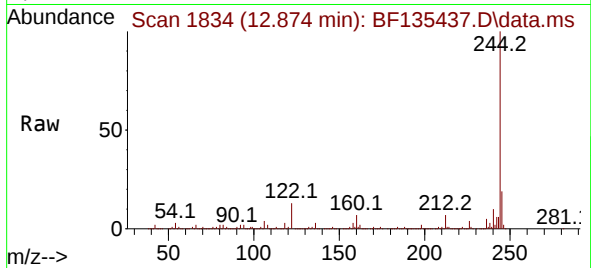




#79
 Terphenyl-d14
 Concen: 38.836 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF135437.D
 Acq: 25 Sep 2023 20:25

Instrument :
 BNA_F
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 SE-SOIL-2

Tgt Ion:244 Resp: 758337
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 12.7 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: BF135437.D
 Acq: 25 Sep 2023 20:25

Tgt Ion:264 Resp: 285845
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.6
 265 21.7 17.0 25.4

