

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135439.D
 Acq On : 25 Sep 2023 21:26
 Operator : CG\JU
 Sample : 04567-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SE-SOIL-4

Quant Time: Sep 26 01:45:15 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	158063	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	591036	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	259617	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	392131	20.000	ng	0.00
76) Chrysene-d12	13.939	240	277418	20.000	ng	0.00
86) Perylene-d12	15.403	264	267861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	898169	92.420	ng	0.00
7) Phenol-d6	6.398	99	1145129	92.668	ng	0.00
23) Nitrobenzene-d5	7.316	82	682257	62.715	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	186593	72.324	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1122092	65.209	ng	0.00
79) Terphenyl-d14	12.874	244	805929	45.035	ng	0.00

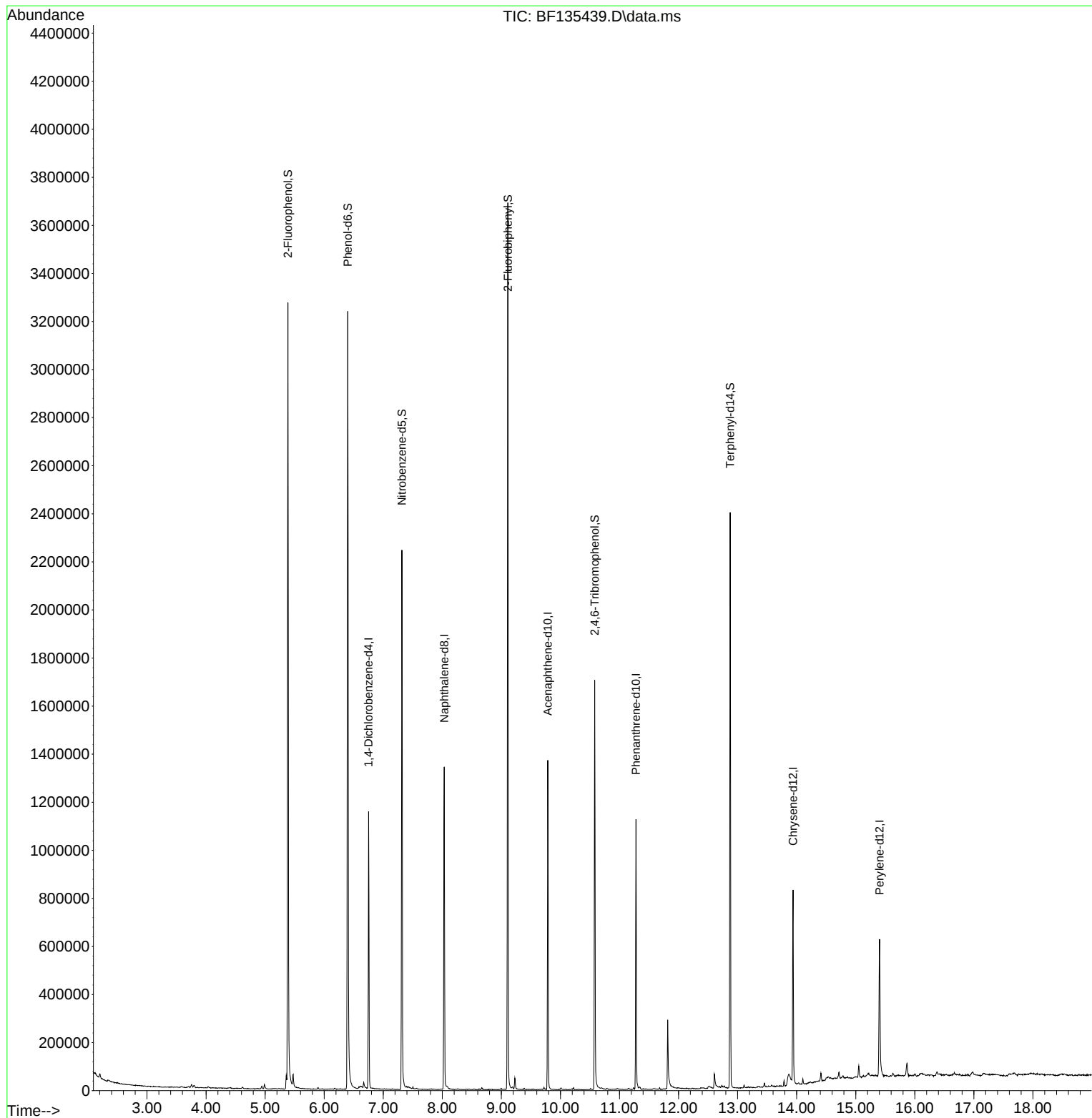
Target Compounds	Qvalue

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

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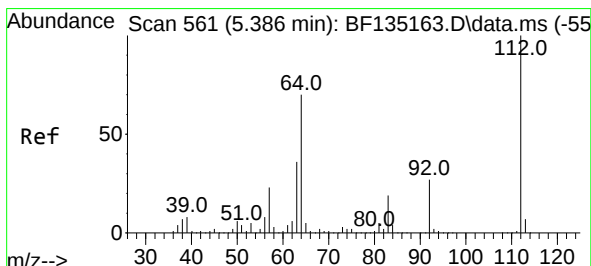
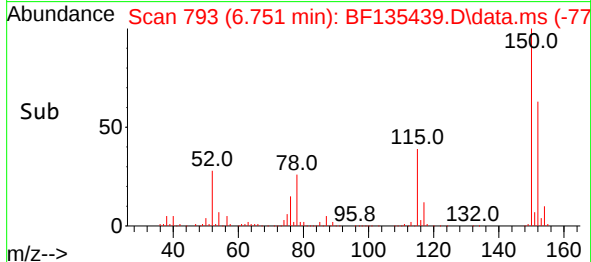
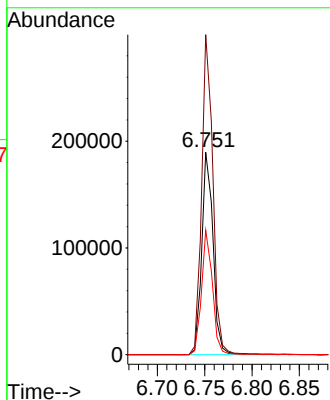
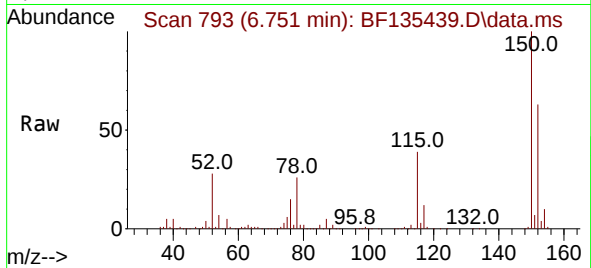




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.751 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135439.D
 Acq: 25 Sep 2023 21:26

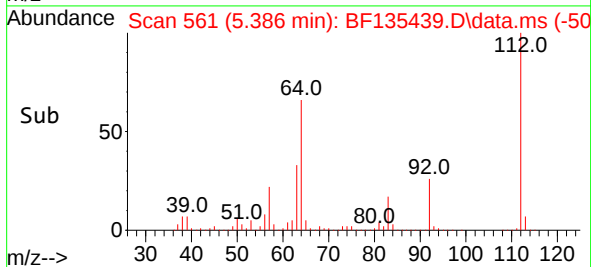
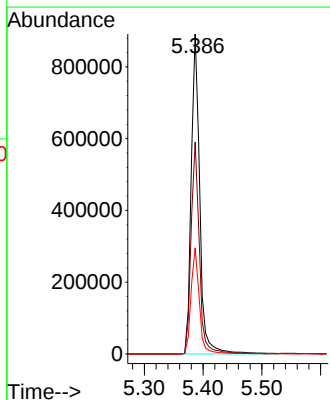
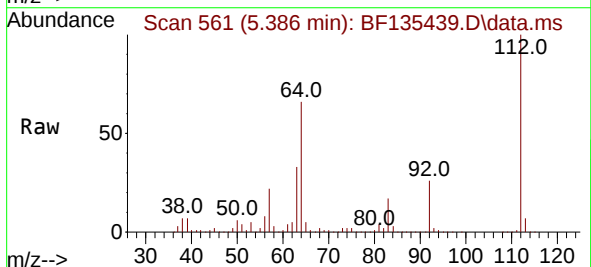
Instrument :
 BNA_F
 ClientSampleId :
 SE-SOIL-4

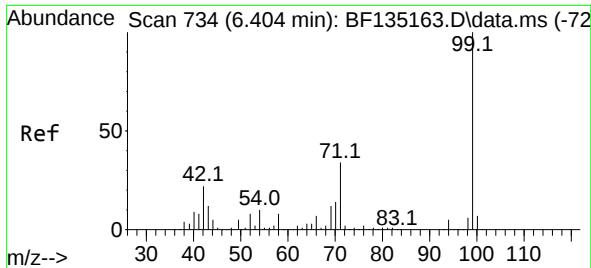
Tgt Ion:152 Resp: 158063
 Ion Ratio Lower Upper
 152 100
 150 158.1 127.8 191.6
 115 61.5 49.8 74.8



#5
 2-Fluorophenol
 Concen: 92.420 ng
 RT: 5.386 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: BF135439.D
 Acq: 25 Sep 2023 21:26

Tgt Ion:112 Resp: 898169
 Ion Ratio Lower Upper
 112 100
 64 66.2 55.9 83.9
 63 33.1 29.0 43.6





#7

Phenol-d6

Concen: 92.668 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135439.D

Acq: 25 Sep 2023 21:26

Instrument :

BNA_F

ClientSampleId :

SE-SOIL-4

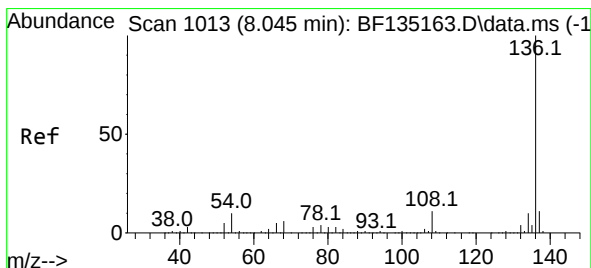
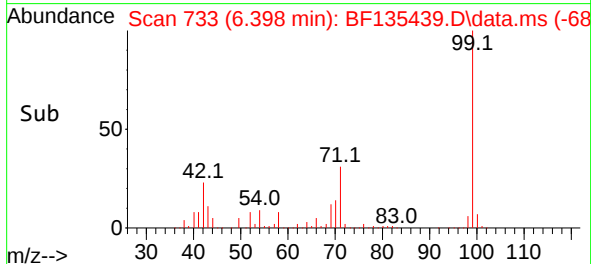
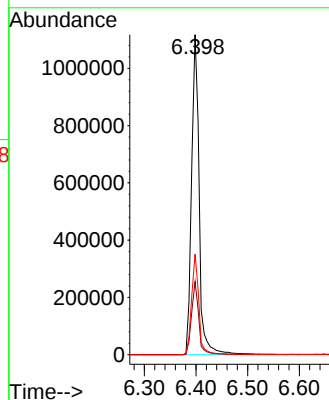
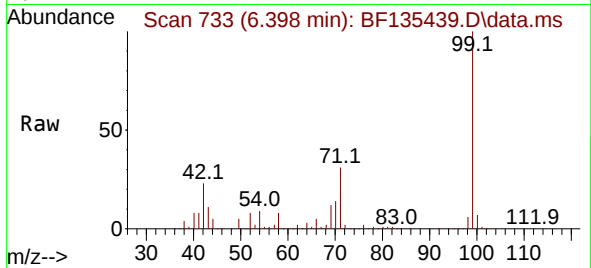
Tgt Ion: 99 Resp: 1145129

Ion Ratio Lower Upper

99 100

42 22.8 17.9 26.9

71 31.4 27.0 40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.033 min Scan# 1011

Delta R.T. -0.000 min

Lab File: BF135439.D

Acq: 25 Sep 2023 21:26

Tgt Ion:136 Resp: 591036

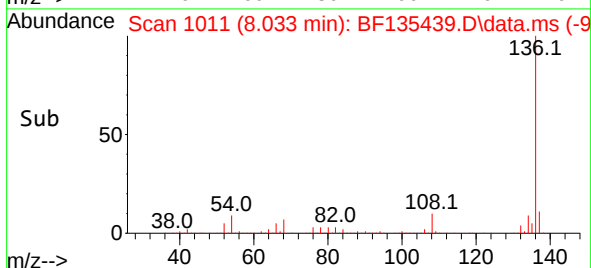
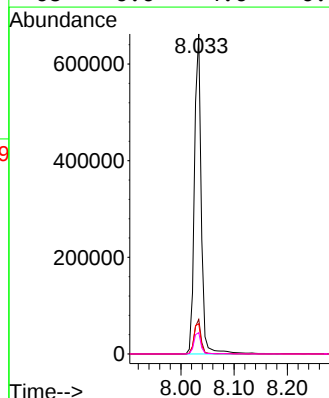
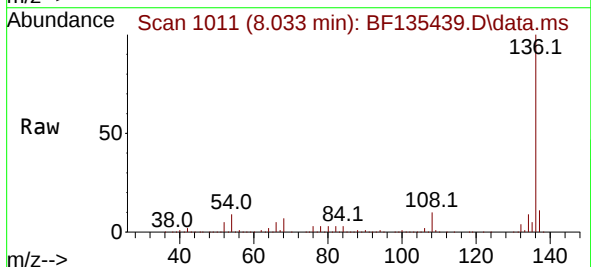
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.5 7.7 11.5

68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 62.715 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135439.D

Acq: 25 Sep 2023 21:26

Instrument :

BNA_F

ClientSampleId :

SE-SOIL-4

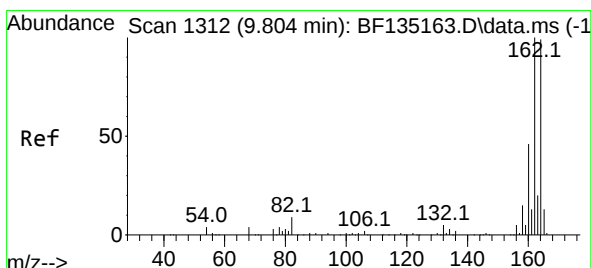
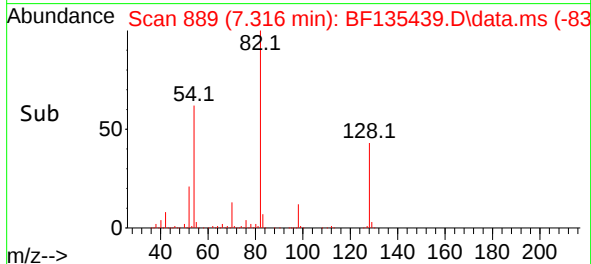
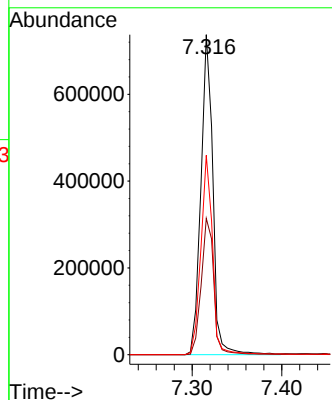
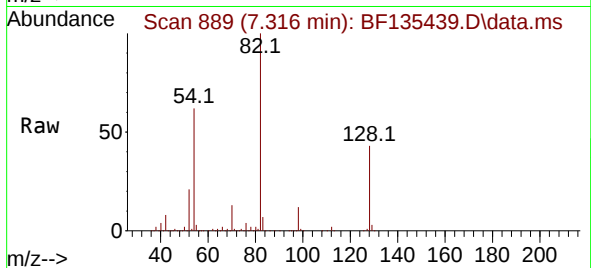
Tgt Ion: 82 Resp: 682257

Ion Ratio Lower Upper

82 100

128 42.6 35.8 53.6

54 62.3 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: BF135439.D

Acq: 25 Sep 2023 21:26

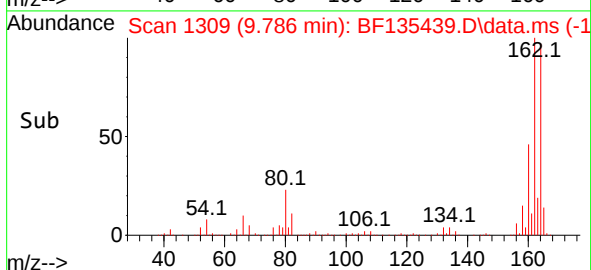
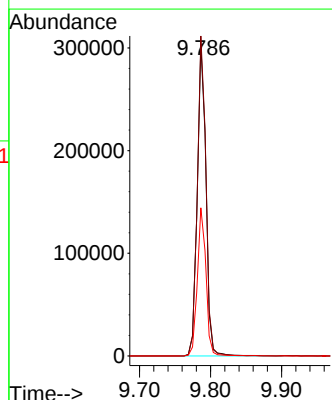
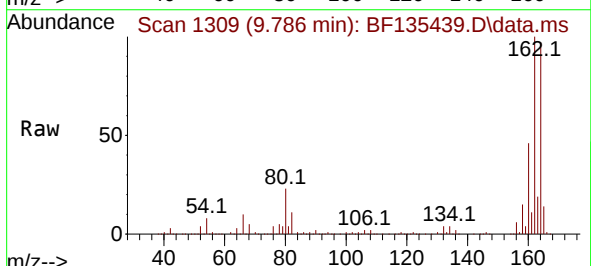
Tgt Ion: 164 Resp: 259617

Ion Ratio Lower Upper

164 100

162 102.6 81.0 121.4

160 47.5 37.0 55.4

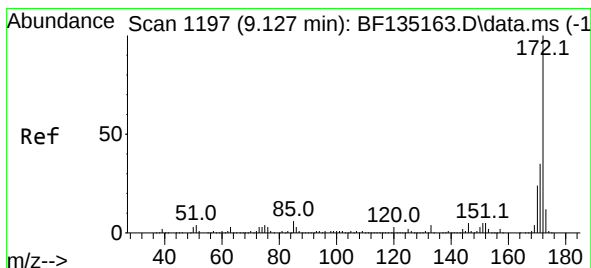
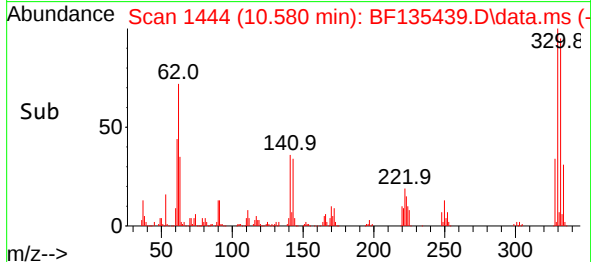
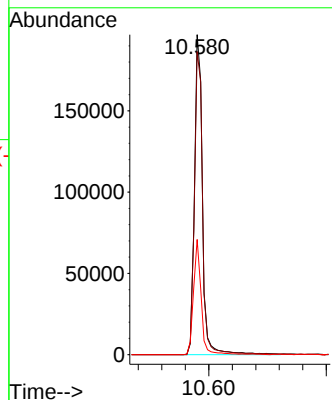
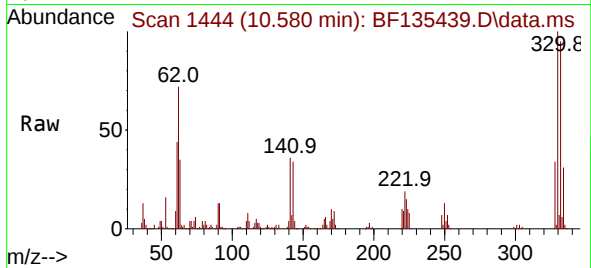




#42
2,4,6-Tribromophenol
Concen: 72.324 ng
RT: 10.580 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF135439.D
Acq: 25 Sep 2023 21:26

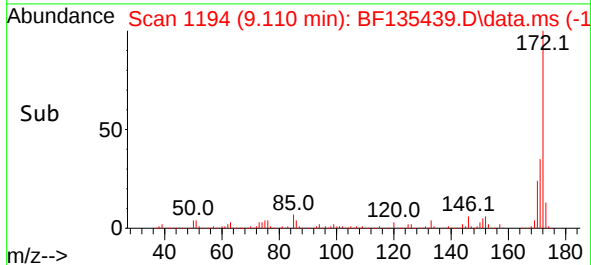
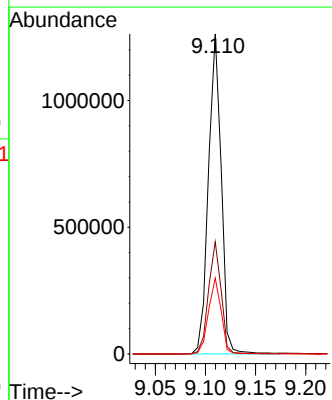
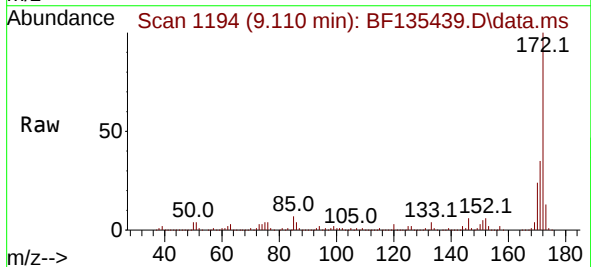
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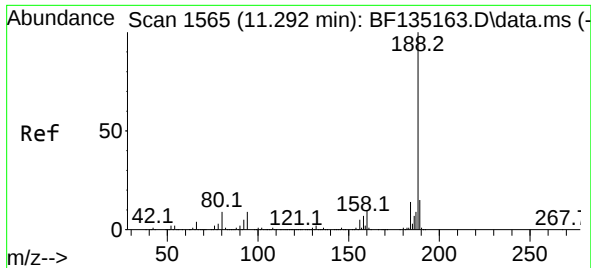
Tgt Ion:330 Resp: 186593
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 34.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 65.209 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF135439.D
Acq: 25 Sep 2023 21:26

Tgt Ion:172 Resp: 1122092
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.7 19.0 28.4

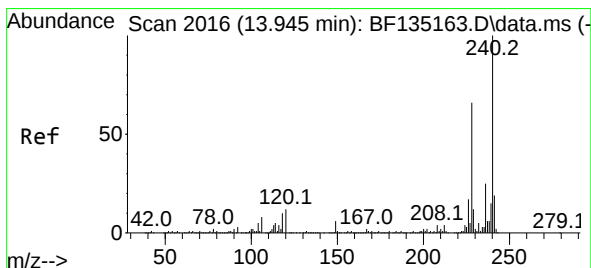
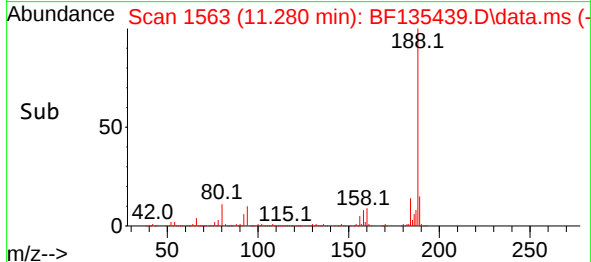
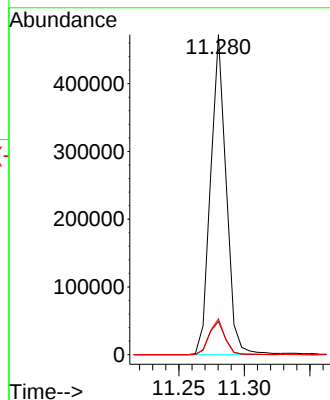
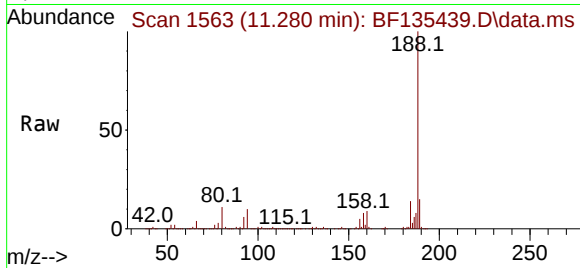




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135439.D
Acq: 25 Sep 2023 21:26

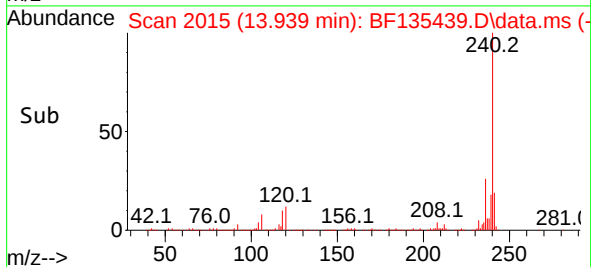
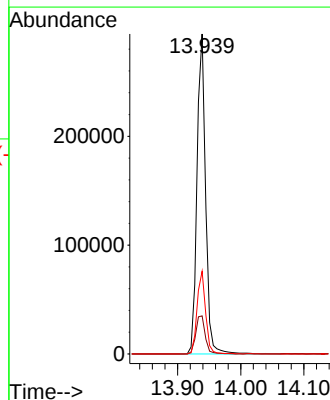
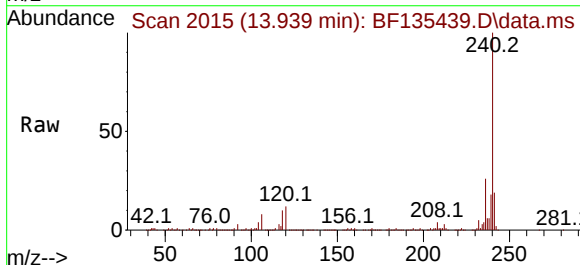
Instrument :
BNA_F
ClientSampleId :
SE-SOIL-4

Tgt Ion:188 Resp: 392131
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 11.2 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: BF135439.D
Acq: 25 Sep 2023 21:26

Tgt Ion:240 Resp: 277418
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 25.8 19.8 29.8

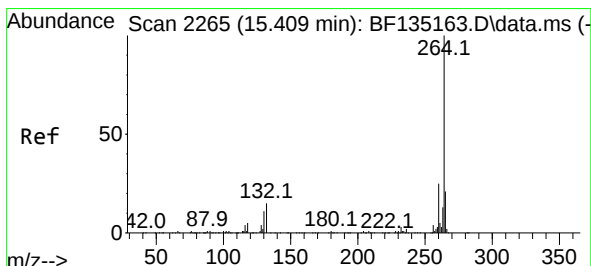
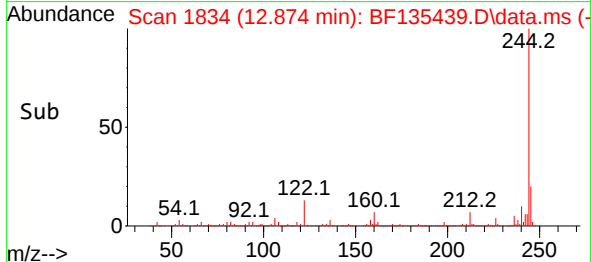
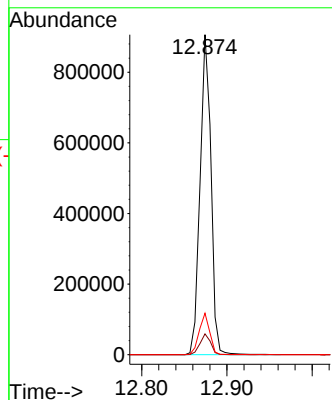
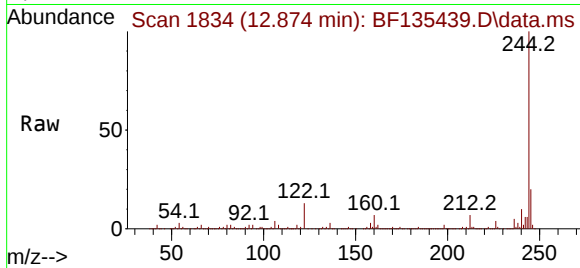




#79
 Terphenyl-d14
 Concen: 45.035 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF135439.D
 Acq: 25 Sep 2023 21:26

Instrument :
 BNA_F
 ClientSampleId :
 SE-SOIL-4

Tgt Ion:244 Resp: 805929
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 12.9 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.403 min Scan# 2264
 Delta R.T. -0.000 min
 Lab File: BF135439.D
 Acq: 25 Sep 2023 21:26

Tgt Ion:264 Resp: 267861
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.8 29.6
 265 21.1 17.0 25.4

