

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135434.D
 Acq On : 25 Sep 2023 18:53
 Operator : CG\JU
 Sample : 04567-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SE-SOIL-5

Quant Time: Sep 26 01:43:41 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	163490	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	608793	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	265216	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	394726	20.000	ng	0.00
76) Chrysene-d12	13.939	240	285158	20.000	ng	0.00
86) Perylene-d12	15.404	264	263359	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	910451	90.574	ng	0.00
7) Phenol-d6	6.398	99	1152079	90.135	ng	0.00
23) Nitrobenzene-d5	7.316	82	688828	61.472	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	179855	68.240	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1029152	58.545	ng	0.00
79) Terphenyl-d14	12.874	244	717452	39.003	ng	0.00

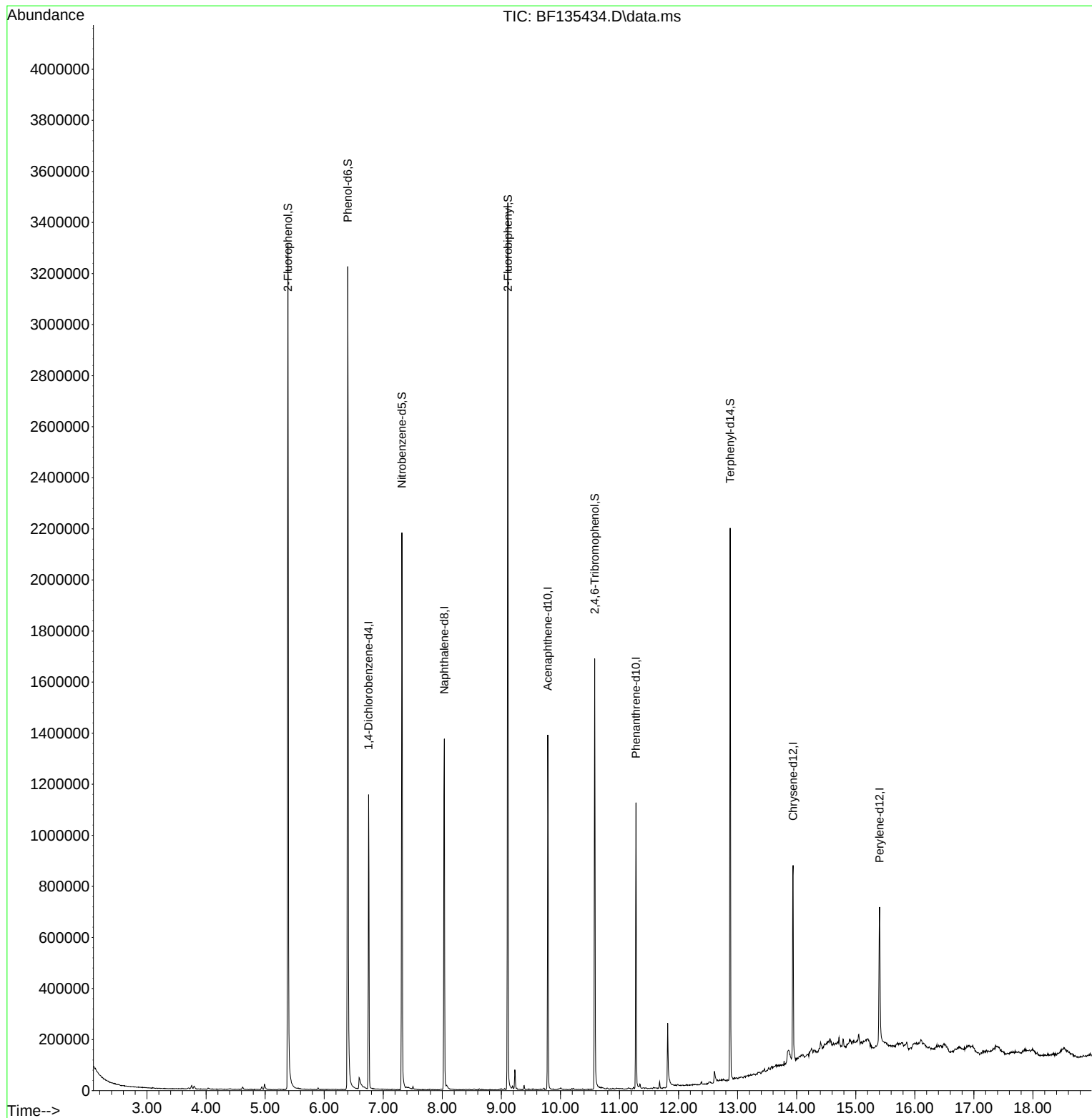
Target Compounds	Qvalue

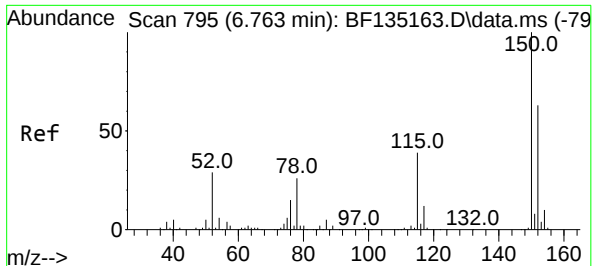
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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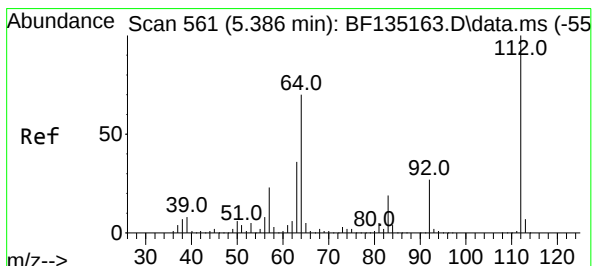
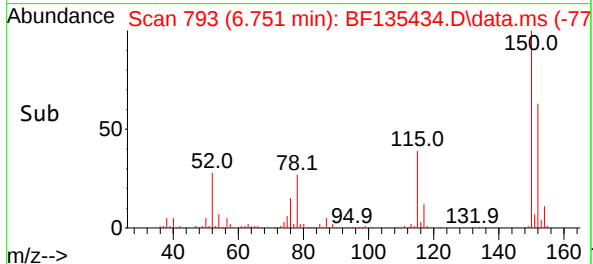
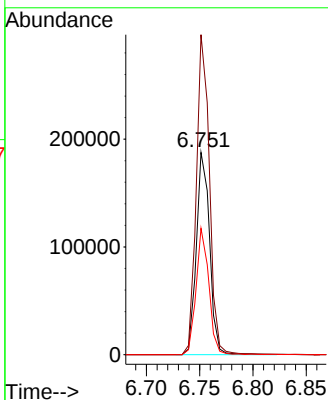
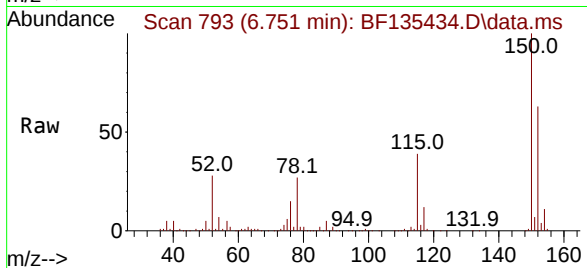




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135434.D
Acq: 25 Sep 2023 18:53

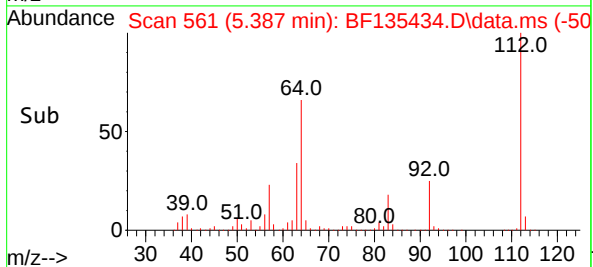
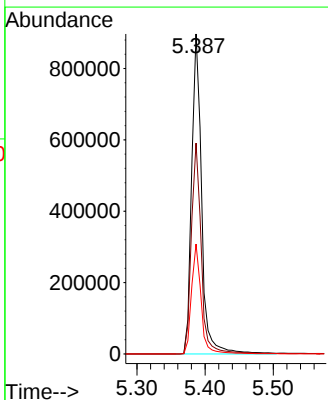
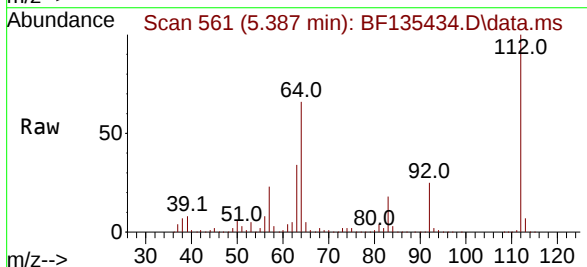
Instrument :
BNA_F
ClientSampleId :
SE-SOIL-5

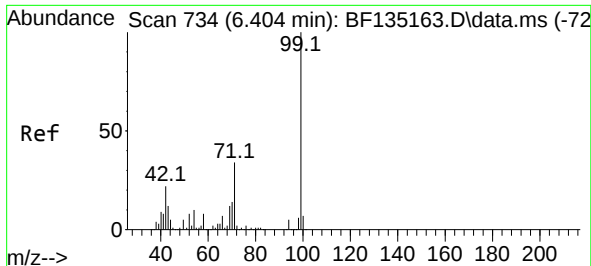
Tgt Ion:152 Resp: 163490
Ion Ratio Lower Upper
152 100
150 158.2 127.8 191.6
115 62.5 49.8 74.8



#5
2-Fluorophenol
Concen: 90.574 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF135434.D
Acq: 25 Sep 2023 18:53

Tgt Ion:112 Resp: 910451
Ion Ratio Lower Upper
112 100
64 65.9 55.9 83.9
63 34.4 29.0 43.6

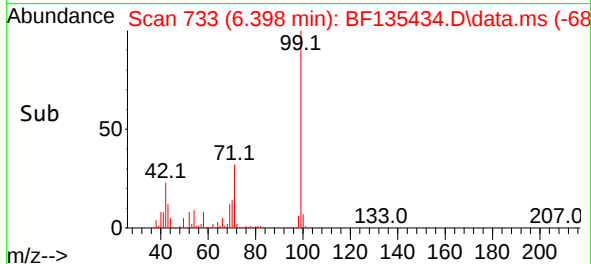
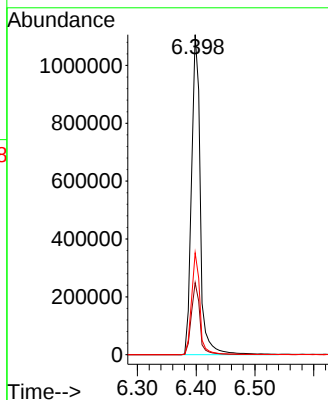
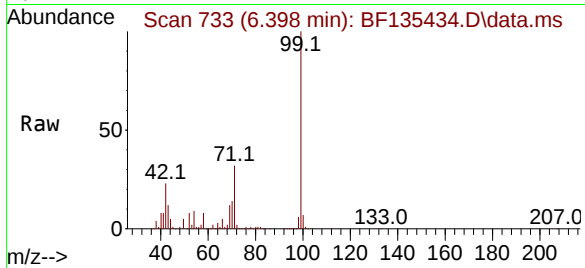




#7
Phenol-d6
Concen: 90.135 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135434.D
Acq: 25 Sep 2023 18:53

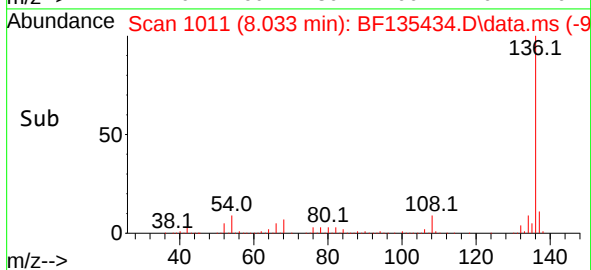
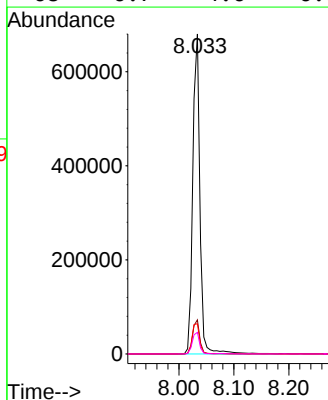
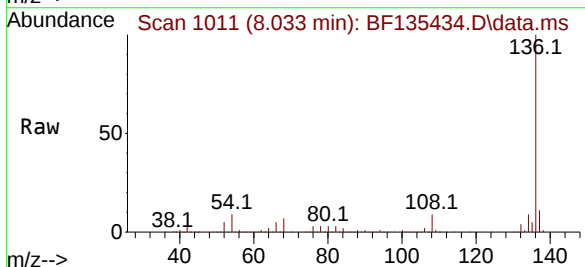
Instrument :
BNA_F
ClientSampleId :
SE-SOIL-5

Tgt Ion: 99 Resp: 1152079
Ion Ratio Lower Upper
99 100
42 22.5 17.9 26.9
71 31.8 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: BF135434.D
Acq: 25 Sep 2023 18:53

Tgt Ion: 136 Resp: 608793
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.5 7.7 11.5
68 6.7 4.6 6.8

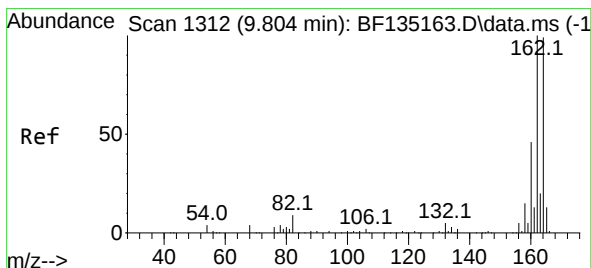
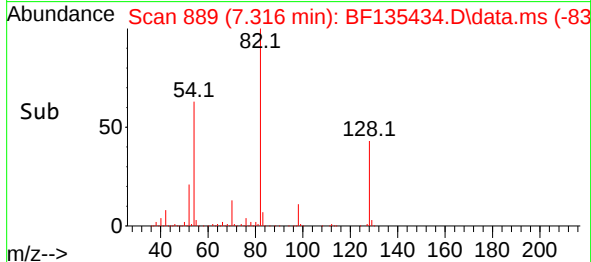
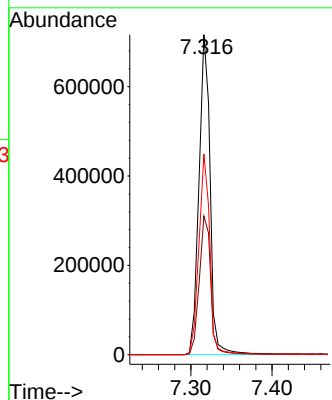
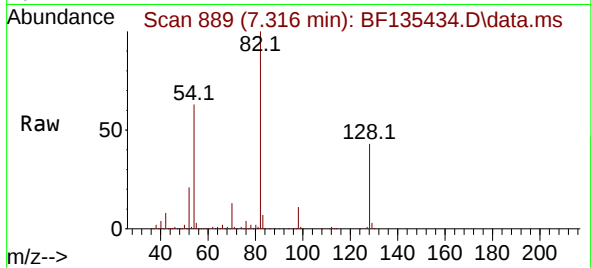




#23
Nitrobenzene-d5
Concen: 61.472 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135434.D
Acq: 25 Sep 2023 18:53

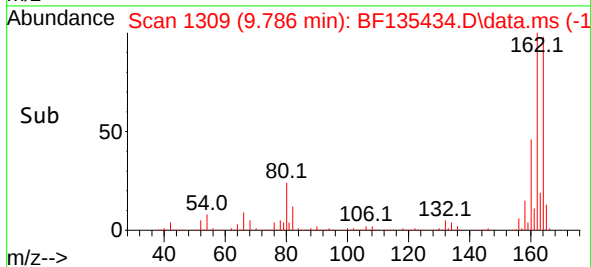
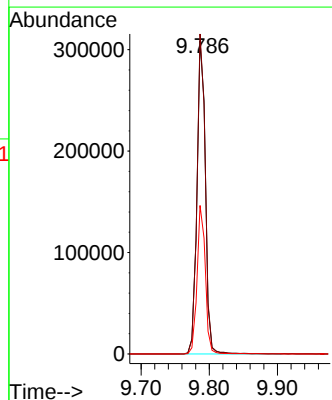
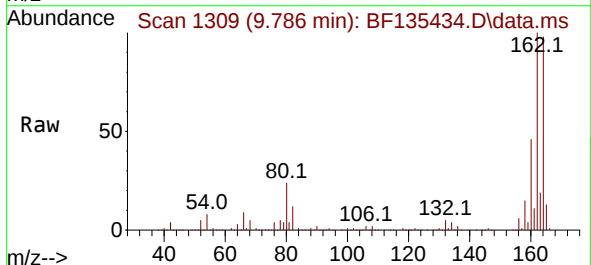
Instrument :
BNA_F
ClientSampleId :
SE-SOIL-5

Tgt Ion: 82 Resp: 688828
Ion Ratio Lower Upper
82 100
128 43.3 35.8 53.6
54 62.6 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: BF135434.D
Acq: 25 Sep 2023 18:53

Tgt Ion: 164 Resp: 265216
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.4
160 47.4 37.0 55.4

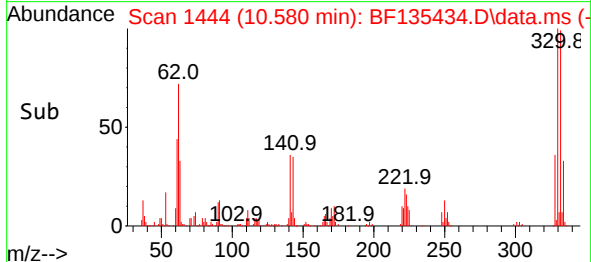
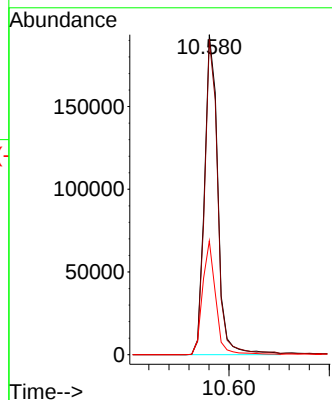
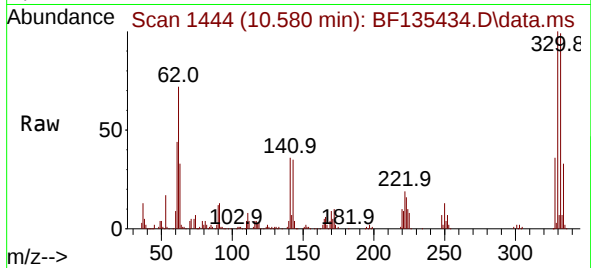




#42
2,4,6-Tribromophenol
Concen: 68.240 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135434.D
Acq: 25 Sep 2023 18:53

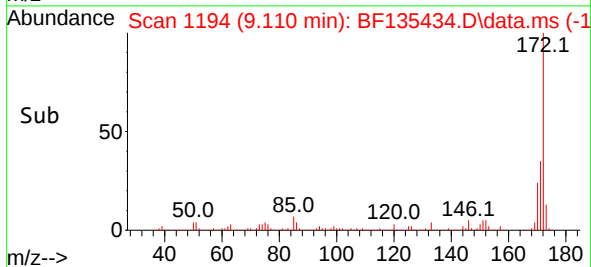
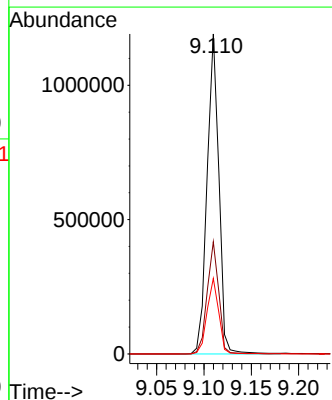
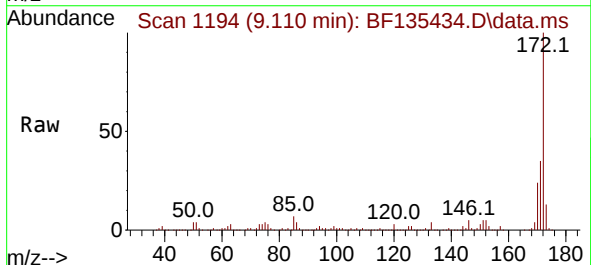
Instrument :
BNA_F
ClientSampleId :
SE-SOIL-5

Tgt Ion:330 Resp: 179855
Ion Ratio Lower Upper
330 100
332 97.7 77.3 115.9
141 35.0 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 58.545 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF135434.D
Acq: 25 Sep 2023 18:53

Tgt Ion:172 Resp: 1029152
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135434.D

Acq: 25 Sep 2023 18:53

Instrument :

BNA_F

ClientSampleId :

SE-SOIL-5

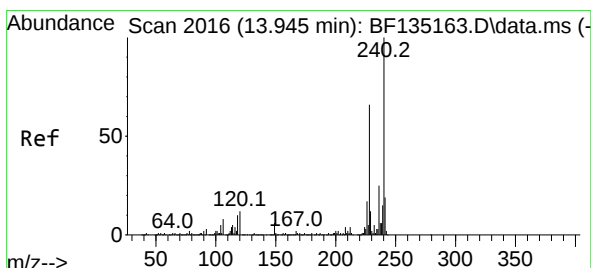
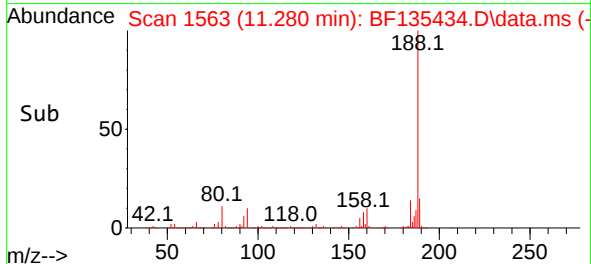
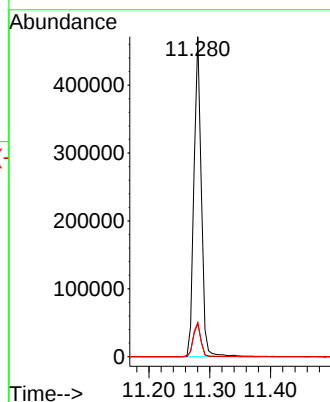
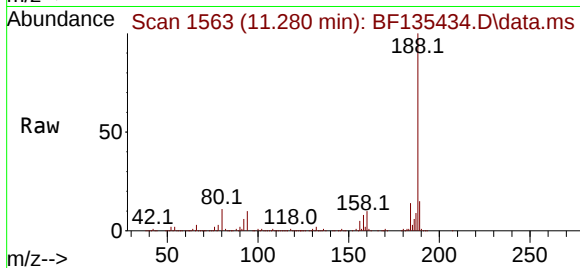
Tgt Ion:188 Resp: 394726

Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

80 10.7 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: BF135434.D

Acq: 25 Sep 2023 18:53

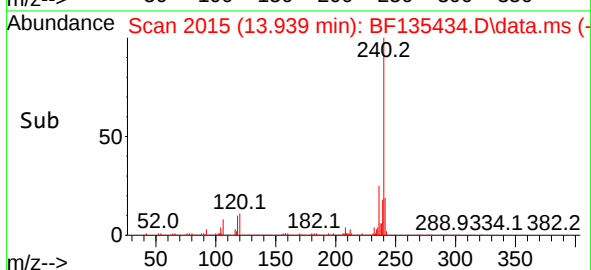
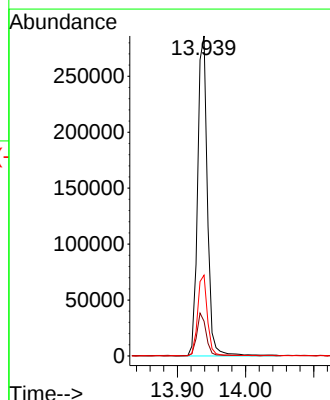
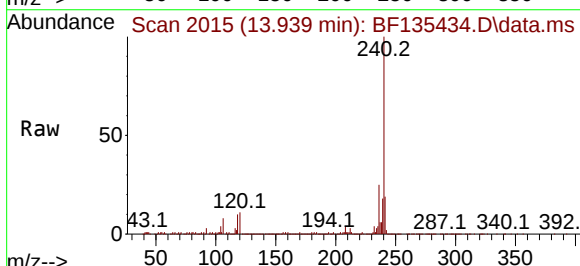
Tgt Ion:240 Resp: 285158

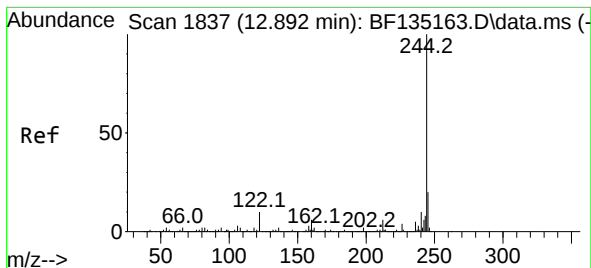
Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.2

236 25.2 19.8 29.8





#79

Terphenyl-d14

Concen: 39.003 ng

RT: 12.874 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135434.D

Acq: 25 Sep 2023 18:53

Instrument :

BNA_F

ClientSampleId :

SE-SOIL-5

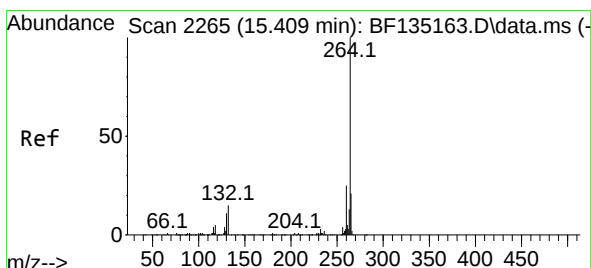
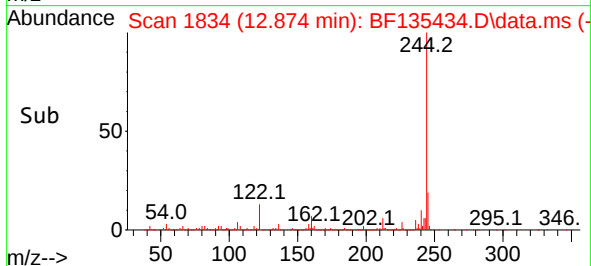
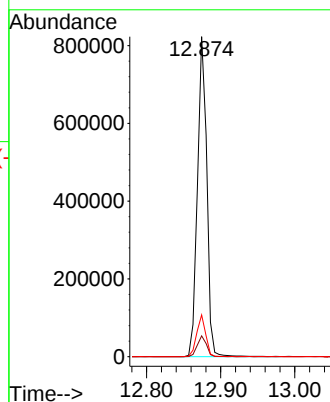
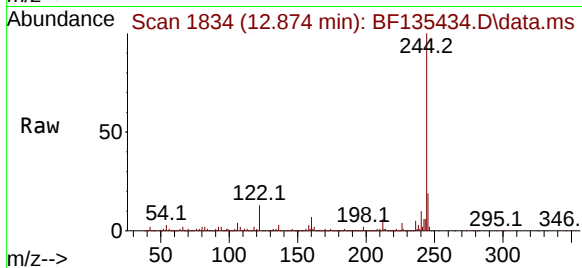
Tgt Ion:244 Resp: 717452

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 13.1 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: BF135434.D

Acq: 25 Sep 2023 18:53

Tgt Ion:264 Resp: 263359

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

265 22.0 17.0 25.4

