

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135436.D
 Acq On : 25 Sep 2023 19:54
 Operator : CG\JU
 Sample : 04567-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SE-SOIL-1

Quant Time: Sep 26 01:44:18 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)

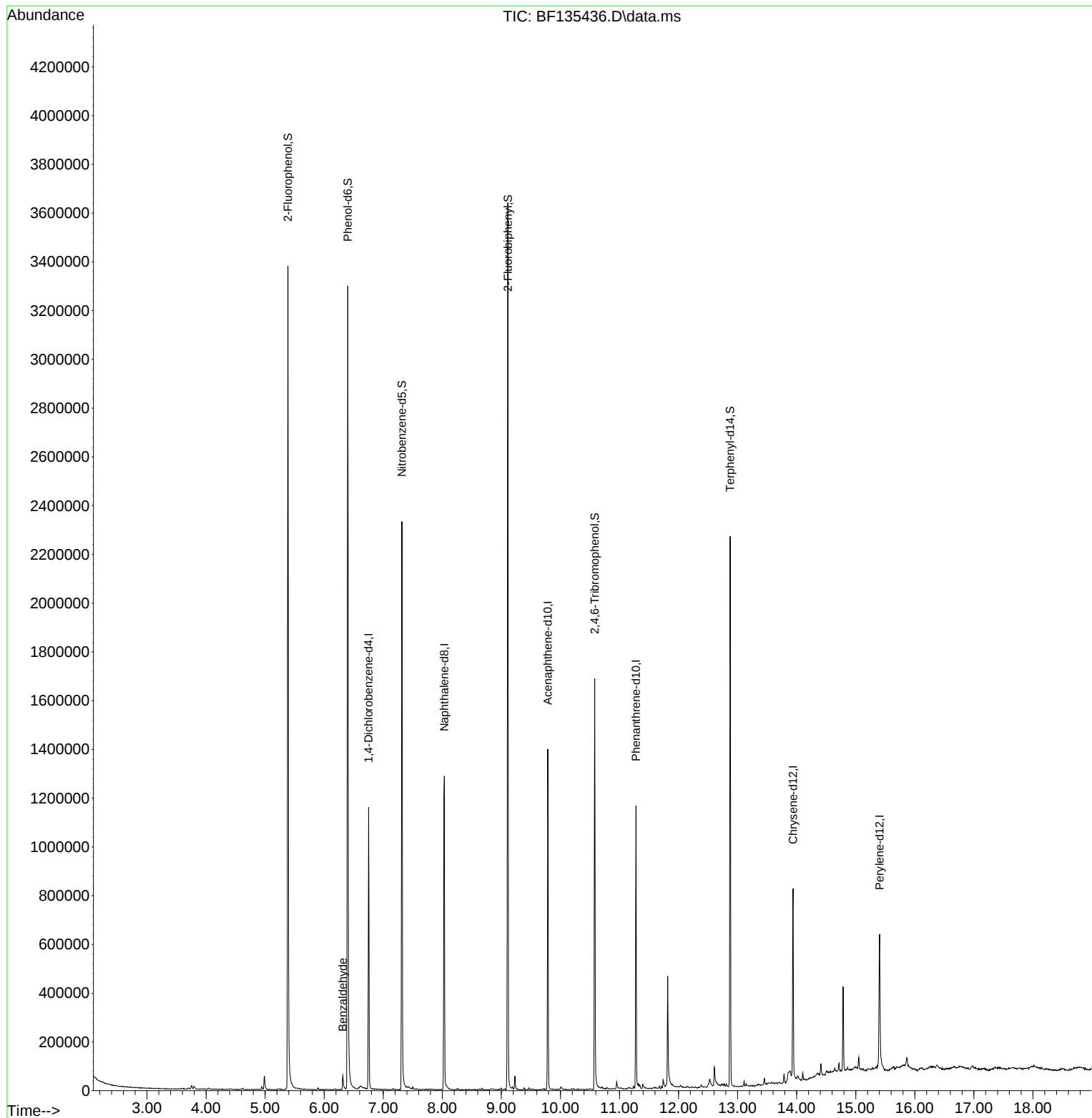
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	160659	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	593956	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	267263	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	393701	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	274769	20.000	ng	0.00
86) Perylene-d12	15.403	264	255981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	908804	92.004	ng	0.00
7) Phenol-d6	6.398	99	1164123	92.682	ng	0.00
23) Nitrobenzene-d5	7.316	82	694916	63.564	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	183130	68.951	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1135775	64.115	ng	0.00
79) Terphenyl-d14	12.874	244	758140	42.773	ng	0.00
Target Compounds						
9) Benzaldehyde	6.316	77	15425	2.156	ng	Qvalue 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
Data File : BF135436.D
Acq On : 25 Sep 2023 19:54
Operator : CG\JU
Sample : 04567-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SE-SOIL-1

Quant Time: Sep 26 01:44:18 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

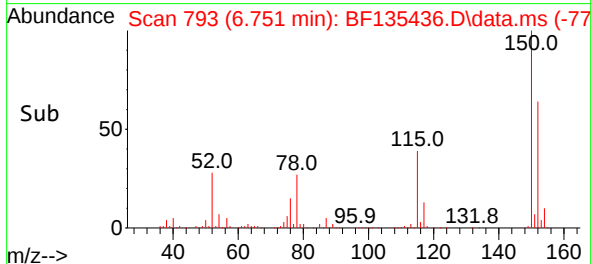
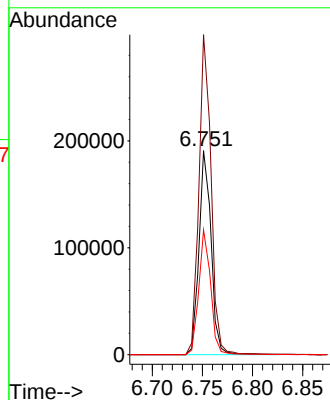
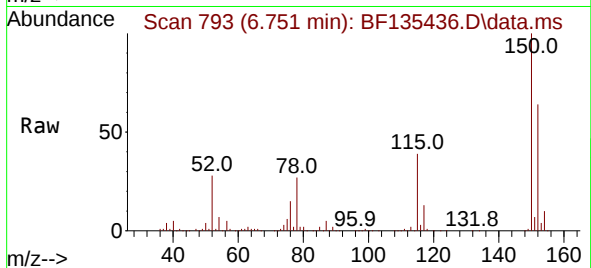




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135436.D
Acq: 25 Sep 2023 19:54

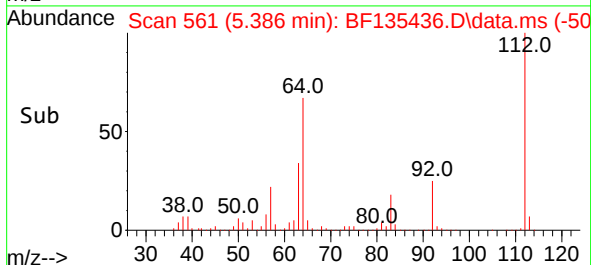
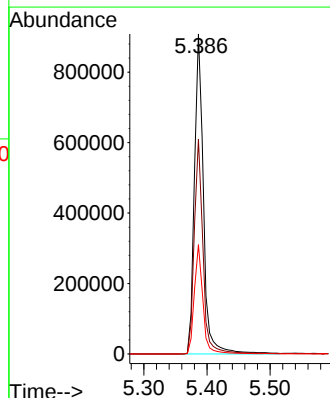
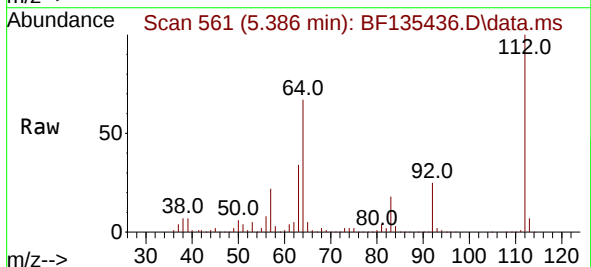
Instrument :
BNA_F
ClientSampleId :
SE-SOIL-1

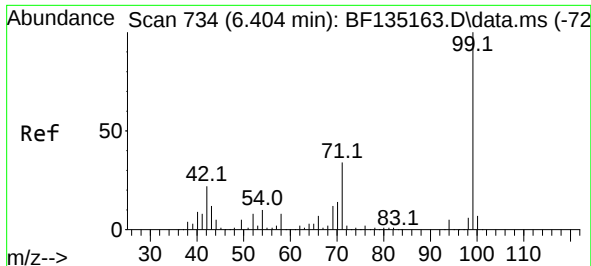
Tgt Ion:152 Resp: 160659
Ion Ratio Lower Upper
152 100
150 156.8 127.8 191.6
115 61.1 49.8 74.8



#5
2-Fluorophenol
Concen: 92.004 ng
RT: 5.386 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF135436.D
Acq: 25 Sep 2023 19:54

Tgt Ion:112 Resp: 908804
Ion Ratio Lower Upper
112 100
64 67.1 55.9 83.9
63 34.1 29.0 43.6





#7

Phenol-d6

Concen: 92.682 ng

RT: 6.398 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF135436.D

Acq: 25 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

SE-SOIL-1

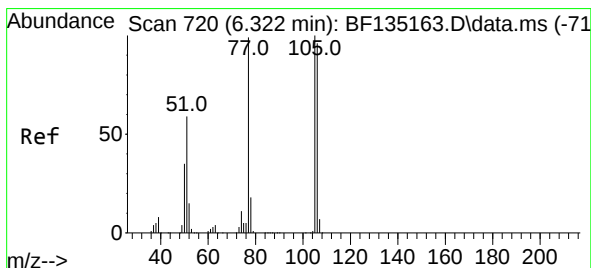
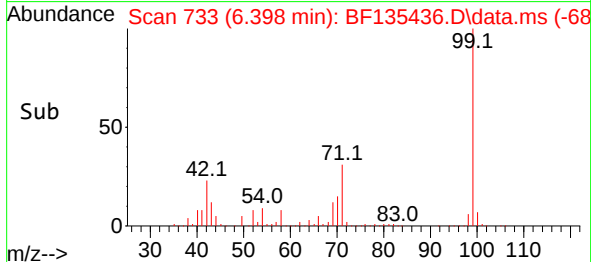
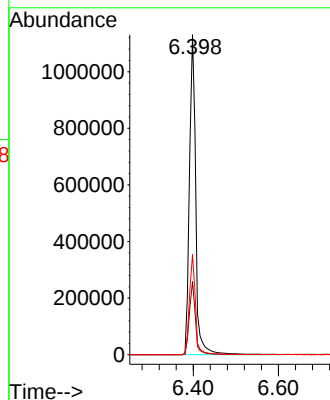
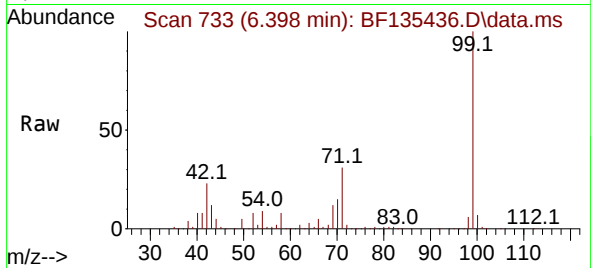
Tgt Ion: 99 Resp: 1164123

Ion Ratio Lower Upper

99 100

42 22.8 17.9 26.9

71 31.3 27.0 40.6



#9

Benzaldehyde

Concen: 2.156 ng

RT: 6.316 min Scan# 719

Delta R.T. 0.006 min

Lab File: BF135436.D

Acq: 25 Sep 2023 19:54

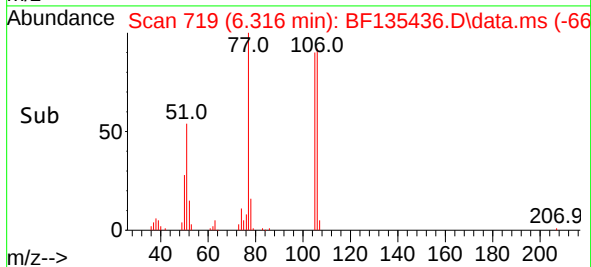
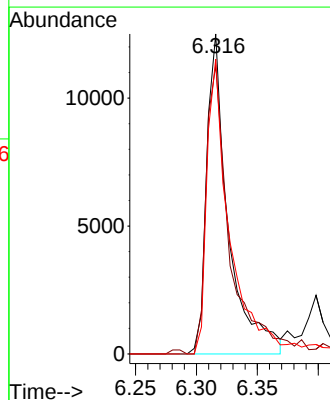
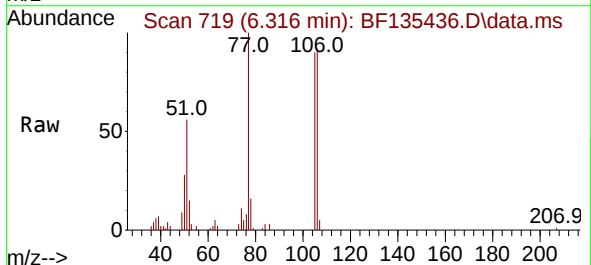
Tgt Ion: 77 Resp: 15425

Ion Ratio Lower Upper

77 100

105 90.2 81.4 121.4

106 92.1 76.9 116.9

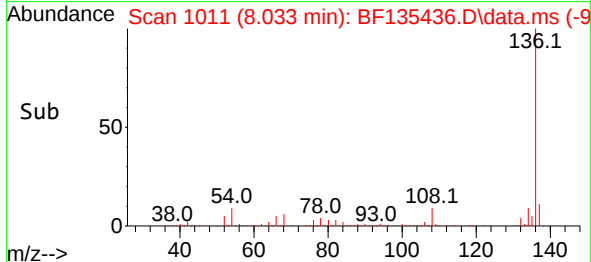
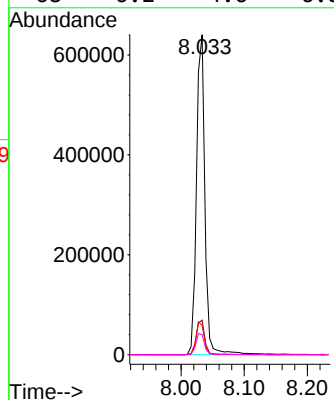
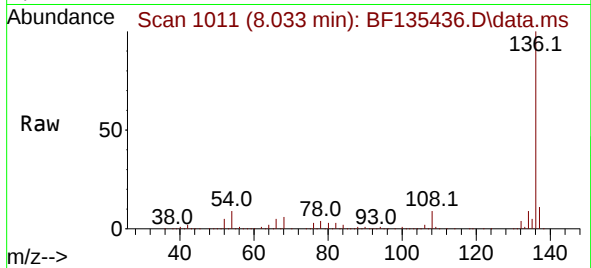




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135436.D
Acq: 25 Sep 2023 19:54

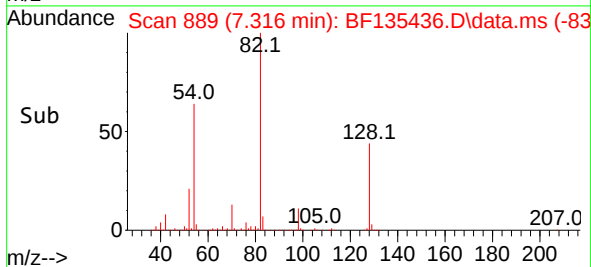
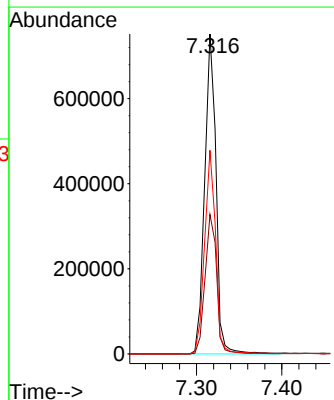
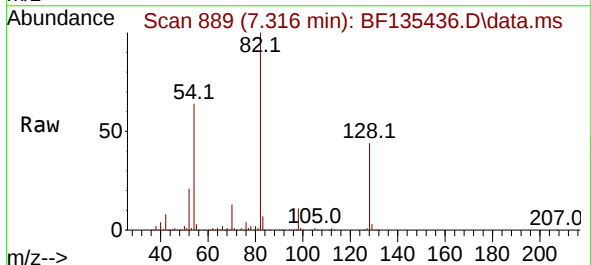
Instrument :
BNA_F
ClientSampleId :
SE-SOIL-1

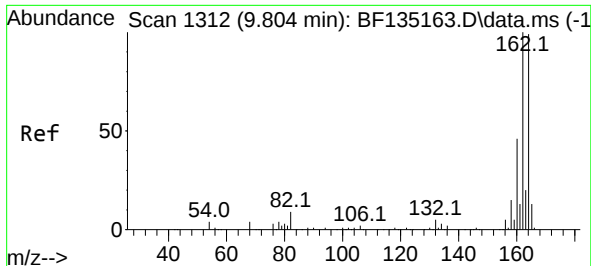
Tgt Ion:136	Resp: 593956
Ion Ratio	Lower Upper
136	100
137	10.8 8.8 13.2
54	9.2 7.7 11.5
68	6.2 4.6 6.8



#23
Nitrobenzene-d5
Concen: 63.564 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF135436.D
Acq: 25 Sep 2023 19:54

Tgt Ion: 82	Resp: 694916
Ion Ratio	Lower Upper
82	100
128	43.6 35.8 53.6
54	63.6 50.6 76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135436.D

Acq: 25 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

SE-SOIL-1

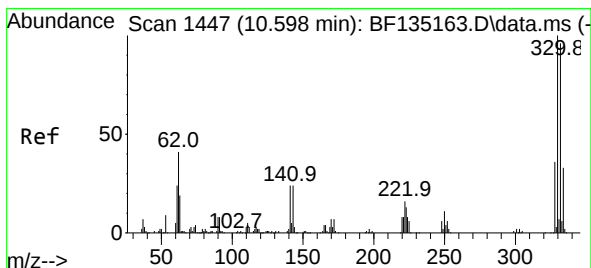
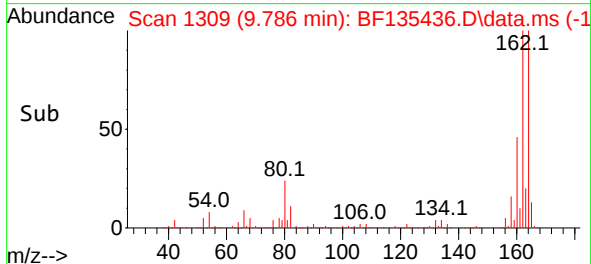
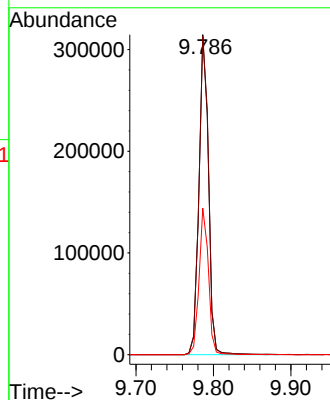
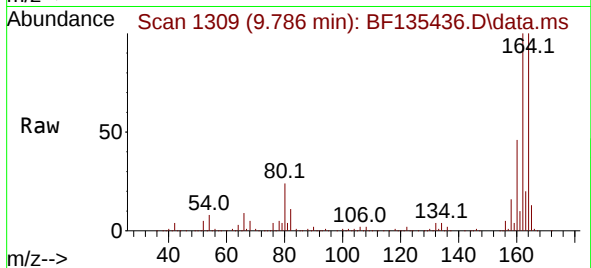
Tgt Ion:164 Resp: 267263

Ion Ratio Lower Upper

164 100

162 99.5 81.0 121.4

160 45.8 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 68.951 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135436.D

Acq: 25 Sep 2023 19:54

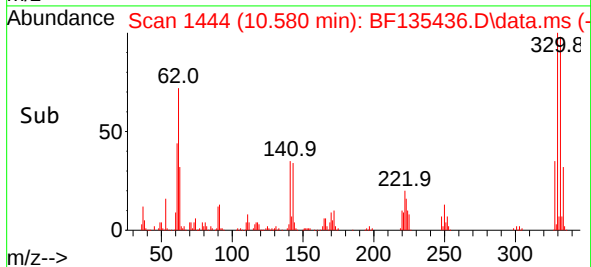
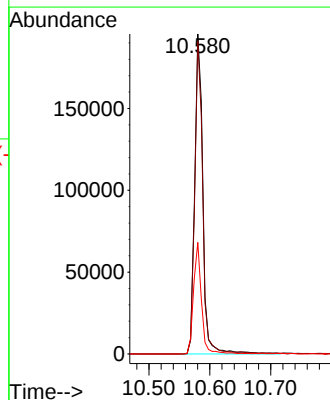
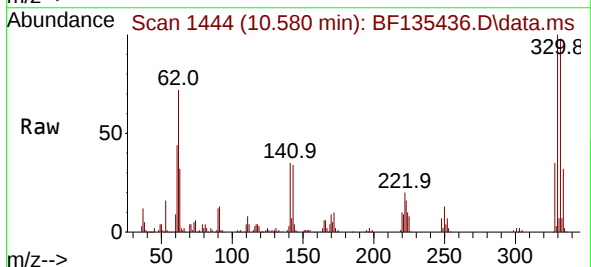
Tgt Ion:330 Resp: 183130

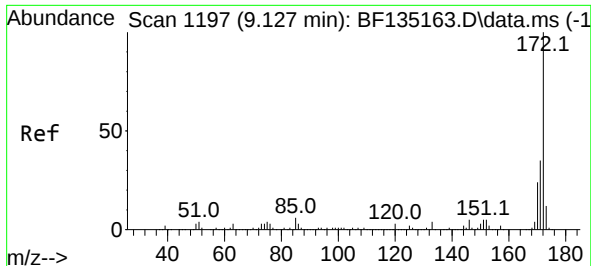
Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

141 33.9 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 64.115 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF135436.D

Acq: 25 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

SE-SOIL-1

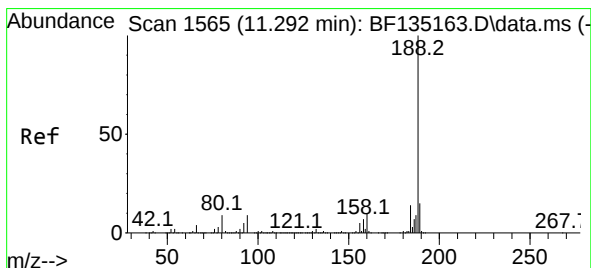
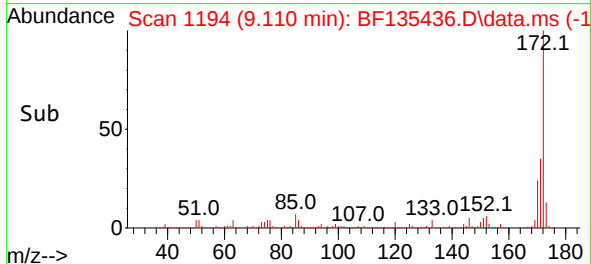
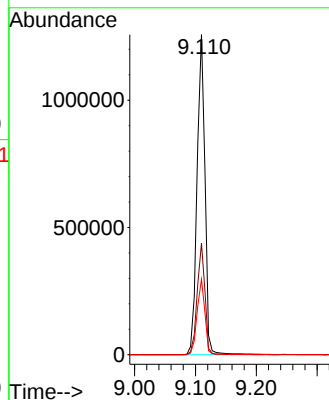
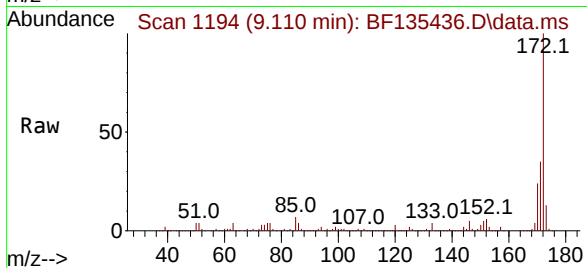
Tgt Ion:172 Resp: 1135775

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.6 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1563

Delta R.T. -0.006 min

Lab File: BF135436.D

Acq: 25 Sep 2023 19:54

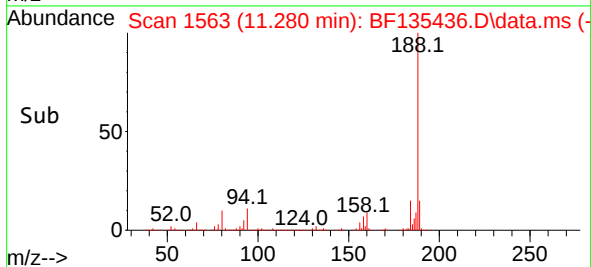
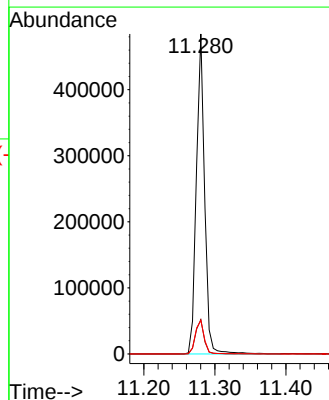
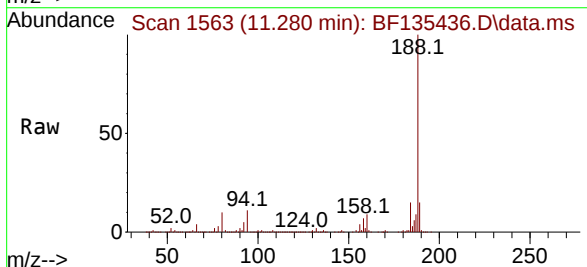
Tgt Ion:188 Resp: 393701

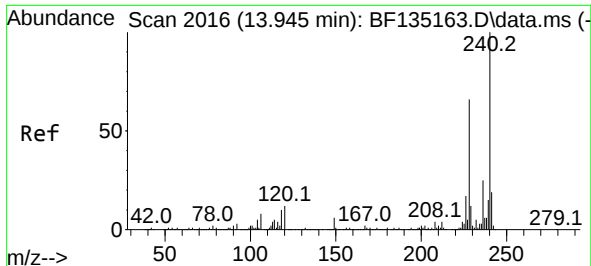
Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.6#

80 10.5 7.5 11.3

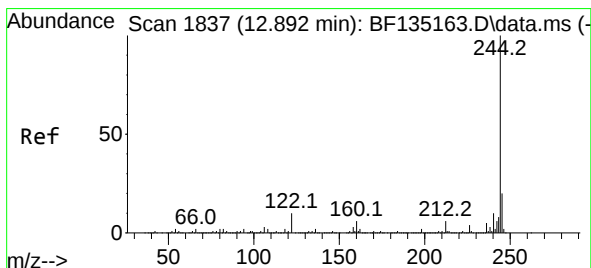
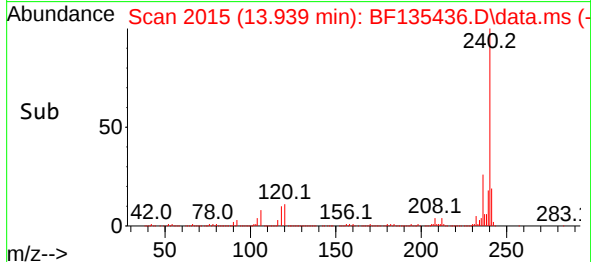
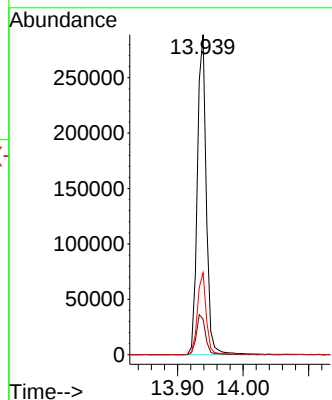
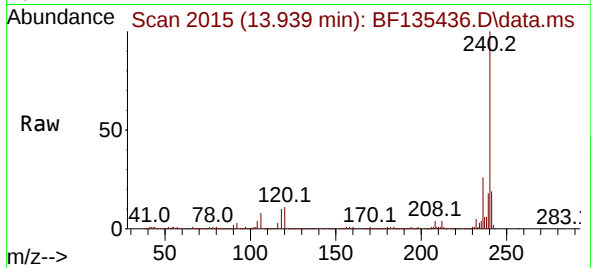




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135436.D
Acq: 25 Sep 2023 19:54

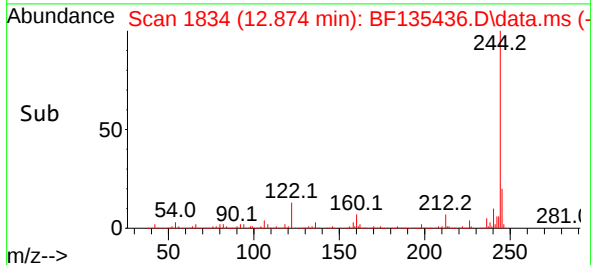
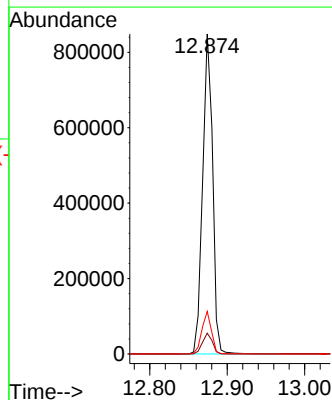
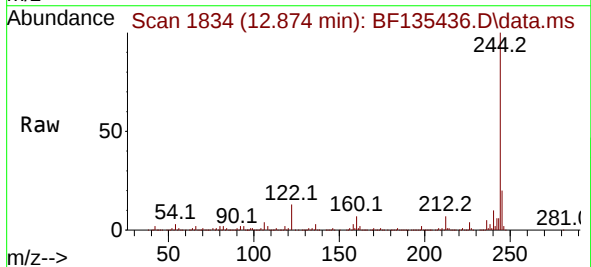
Instrument :
BNA_F
ClientSampleId :
SE-SOIL-1

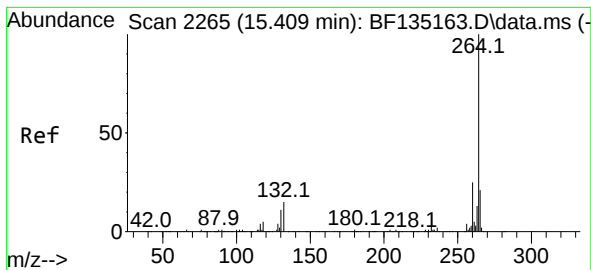
Tgt Ion:240 Resp: 274769
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 25.6 19.8 29.8



#79
Terphenyl-d14
Concen: 42.773 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF135436.D
Acq: 25 Sep 2023 19:54

Tgt Ion:244 Resp: 758140
Ion Ratio Lower Upper
244 100
212 6.5 5.1 7.7
122 13.3 7.9 11.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.403 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF135436.D

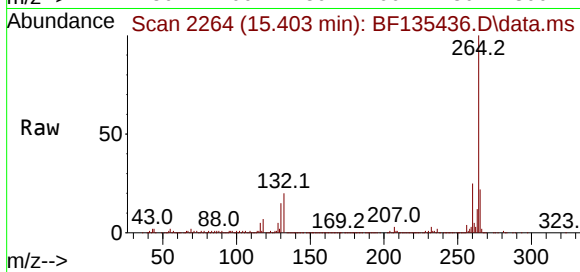
Acq: 25 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

SE-SOIL-1



Tgt Ion:264 Resp: 255981

Ion Ratio Lower Upper

264 100

260 24.9 19.8 29.6

265 21.7 17.0 25.4

