

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135435.D
 Acq On : 25 Sep 2023 19:24
 Operator : CG\JU
 Sample : 04567-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SE-SOIL-6

Quant Time: Sep 26 01:44:00 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	168908	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	618658	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	274805	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	415335	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	295729	20.000	ng	0.00
86) Perylene-d12	15.404	264	279836	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	662717	63.814	ng	0.00
7) Phenol-d6	6.398	99	835988	63.307	ng	0.00
23) Nitrobenzene-d5	7.316	82	495191	43.487	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	128552	47.073	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	842691	46.265	ng	0.00
79) Terphenyl-d14	12.874	244	597128	31.301	ng	0.00

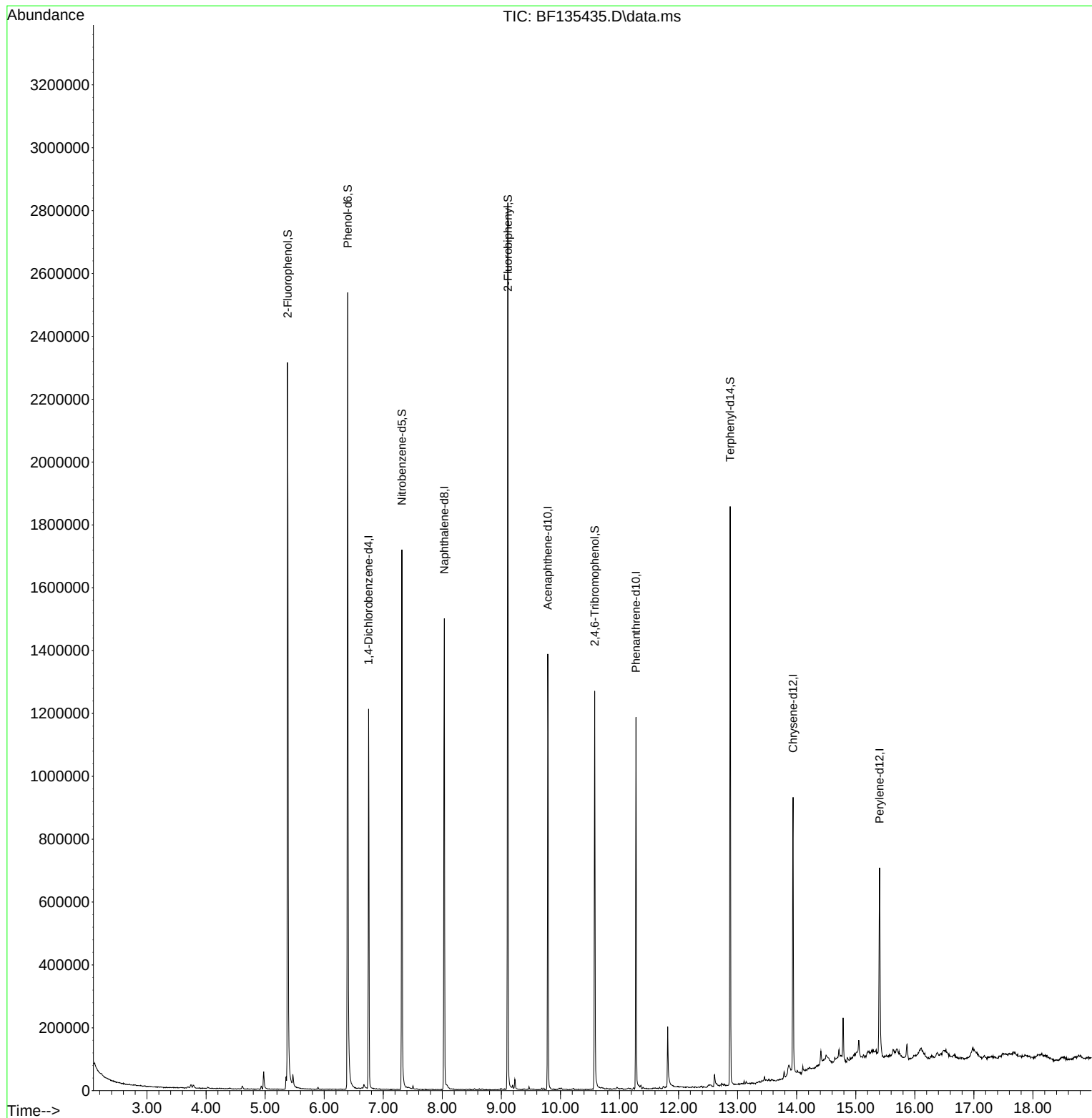
Target Compounds	Qvalue

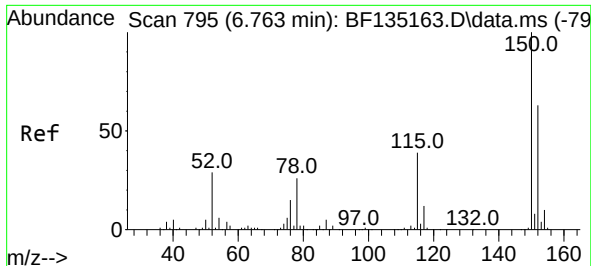
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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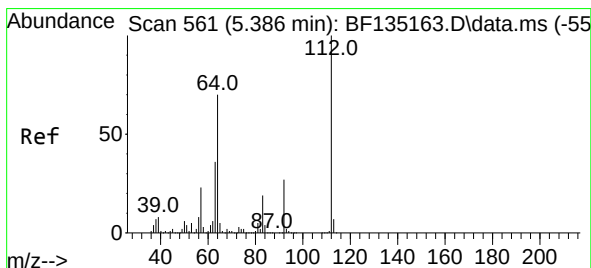
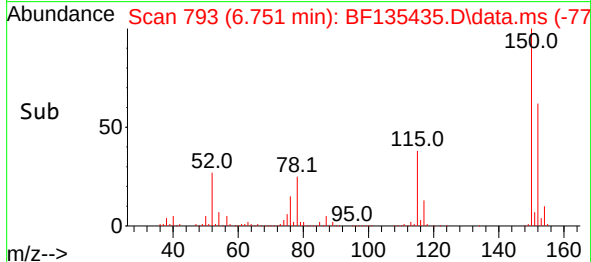
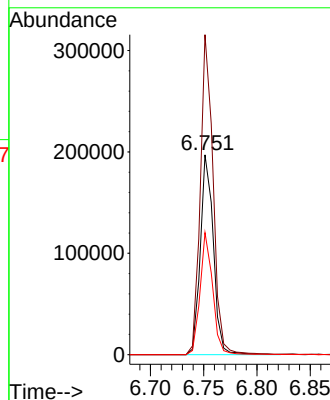
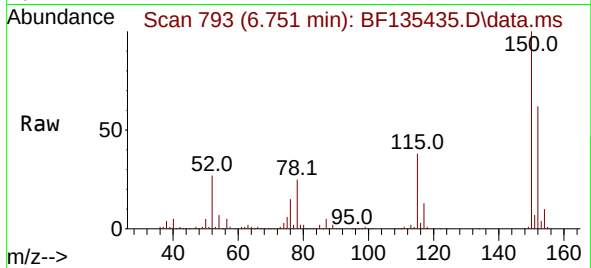




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135435.D
Acq: 25 Sep 2023 19:24

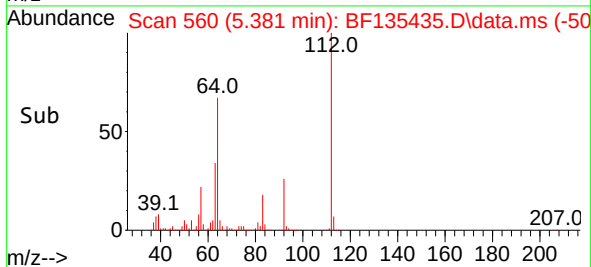
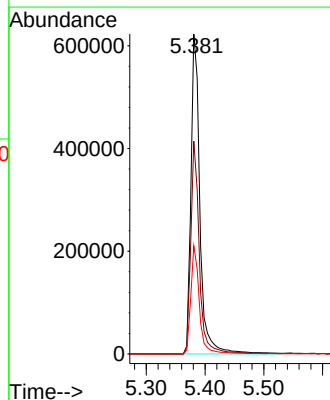
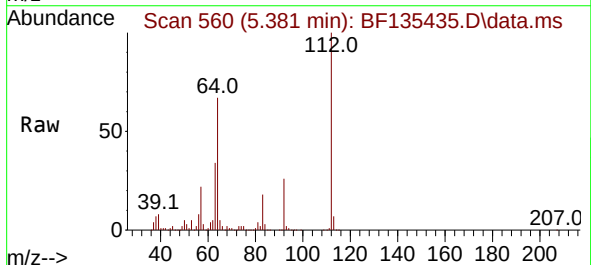
Instrument :
BNA_F
ClientSampleId :
SE-SOIL-6

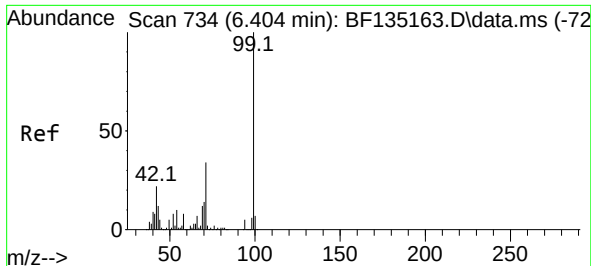
Tgt Ion:152 Resp: 168908
Ion Ratio Lower Upper
152 100
150 160.1 127.8 191.6
115 61.1 49.8 74.8



#5
2-Fluorophenol
Concen: 63.814 ng
RT: 5.381 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF135435.D
Acq: 25 Sep 2023 19:24

Tgt Ion:112 Resp: 662717
Ion Ratio Lower Upper
112 100
64 66.5 55.9 83.9
63 33.8 29.0 43.6

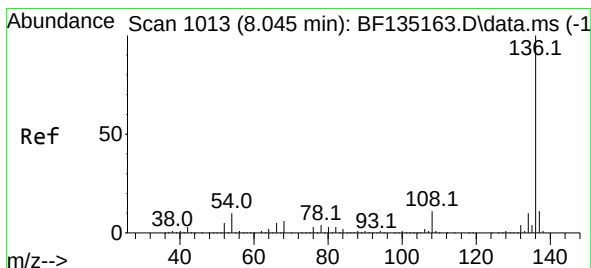
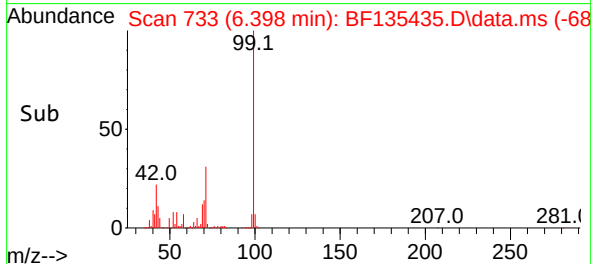
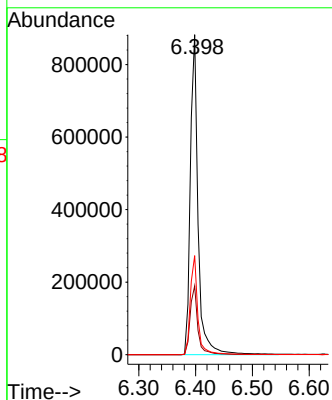
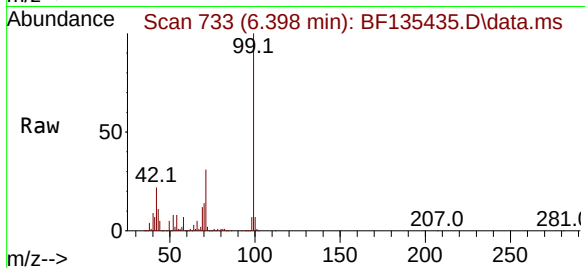




#7
Phenol-d6
Concen: 63.307 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135435.D
Acq: 25 Sep 2023 19:24

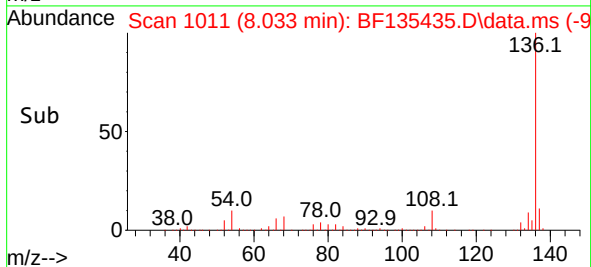
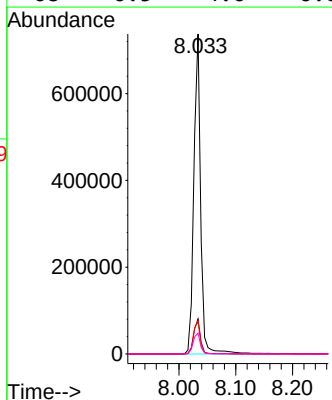
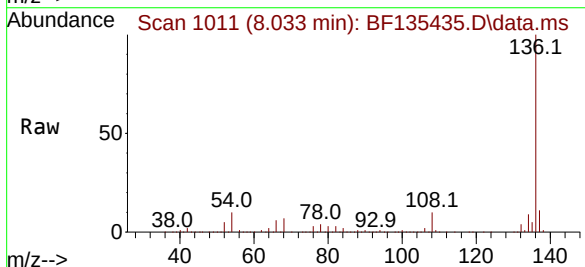
Instrument :
BNA_F
ClientSampleId :
SE-SOIL-6

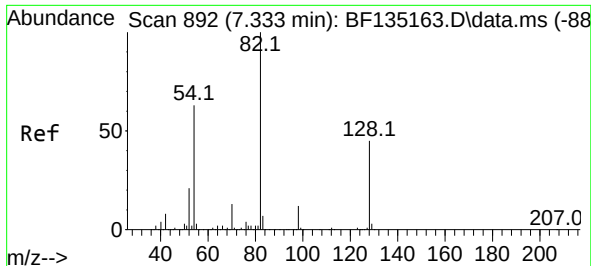
Tgt Ion: 99 Resp: 835988
Ion Ratio Lower Upper
99 100
42 21.5 17.9 26.9
71 31.0 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF135435.D
Acq: 25 Sep 2023 19:24

Tgt Ion: 136 Resp: 618658
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.1 7.7 11.5
68 6.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 43.487 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135435.D

Acq: 25 Sep 2023 19:24

Instrument :

BNA_F

ClientSampleId :

SE-SOIL-6

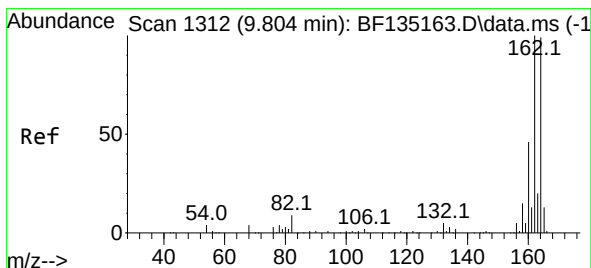
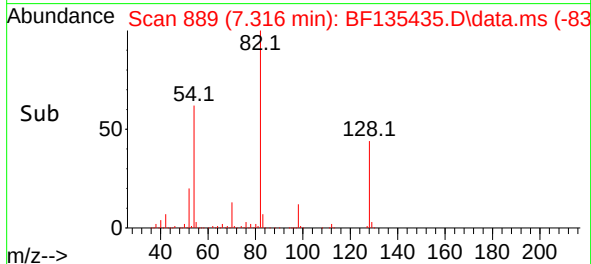
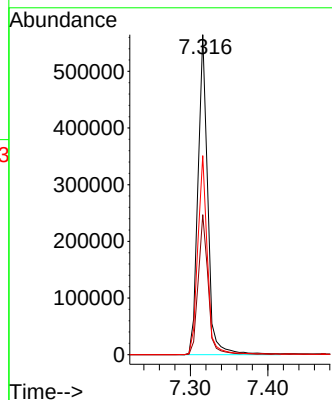
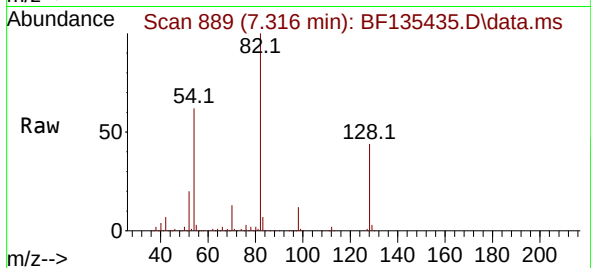
Tgt Ion: 82 Resp: 495191

Ion Ratio Lower Upper

82 100

128 43.7 35.8 53.6

54 62.2 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: BF135435.D

Acq: 25 Sep 2023 19:24

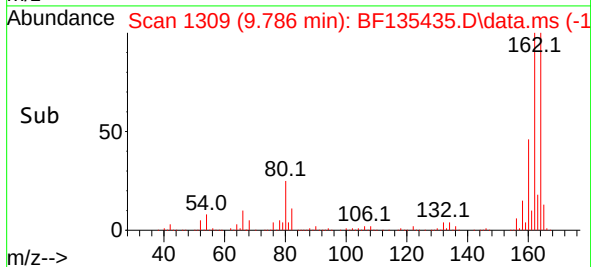
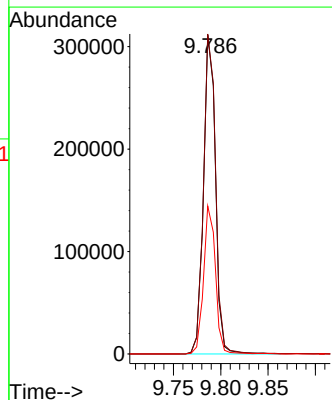
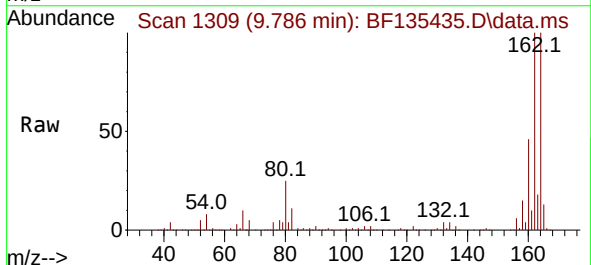
Tgt Ion: 164 Resp: 274805

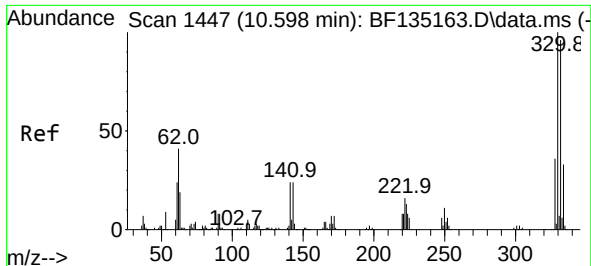
Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.4

160 46.4 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 47.073 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135435.D

Acq: 25 Sep 2023 19:24

Instrument :

BNA_F

ClientSampleId :

SE-SOIL-6

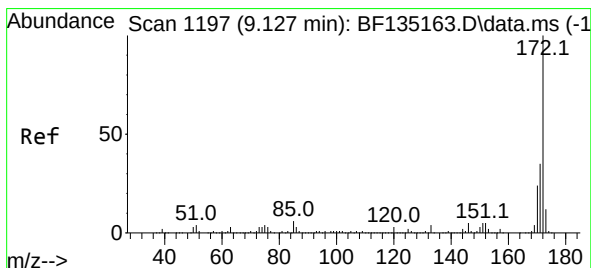
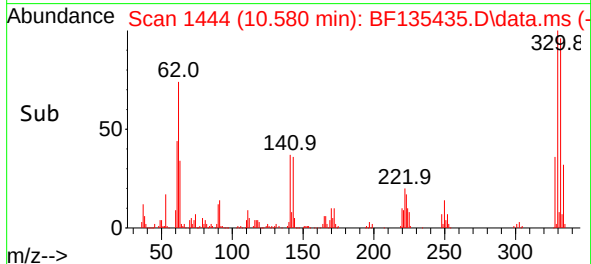
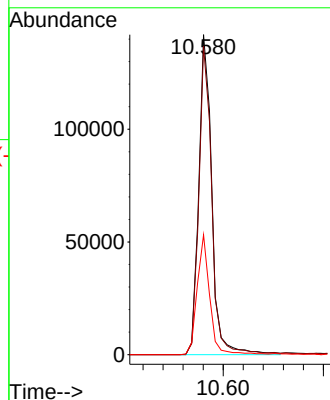
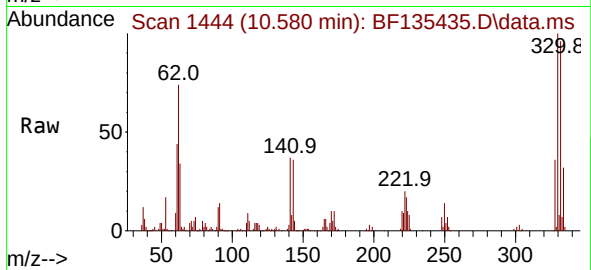
Tgt Ion:330 Resp: 128552

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 36.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 46.265 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF135435.D

Acq: 25 Sep 2023 19:24

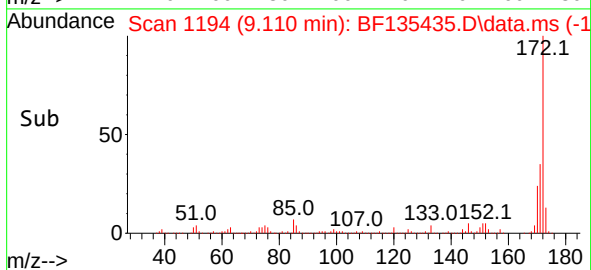
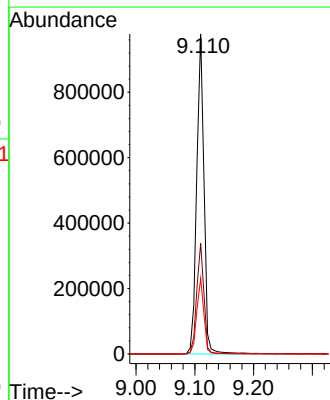
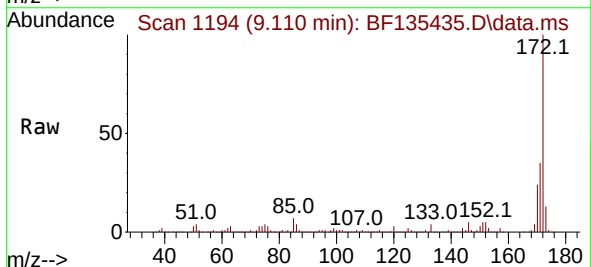
Tgt Ion:172 Resp: 842691

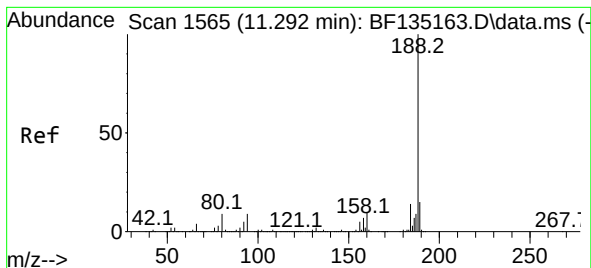
Ion Ratio Lower Upper

172 100

171 34.6 28.4 42.6

170 23.6 19.0 28.4

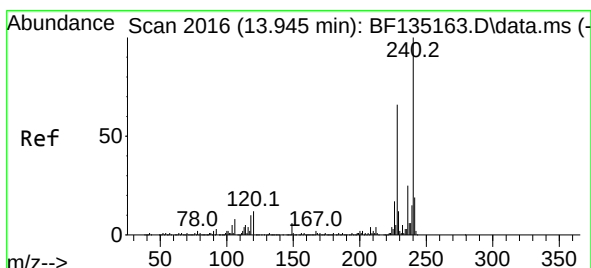
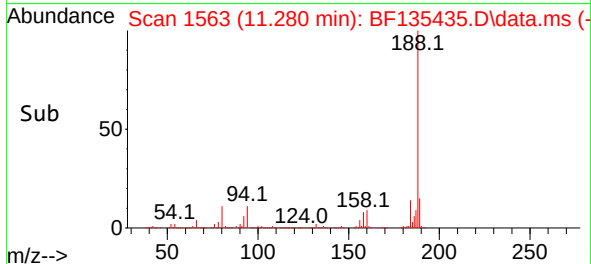
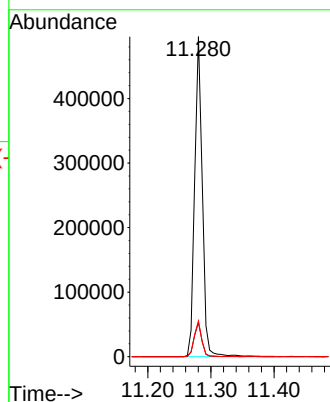
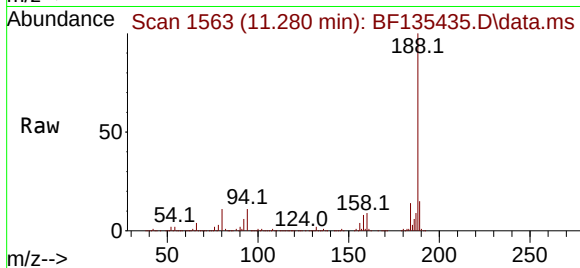




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135435.D
Acq: 25 Sep 2023 19:24

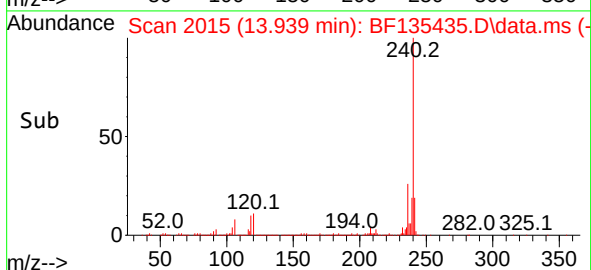
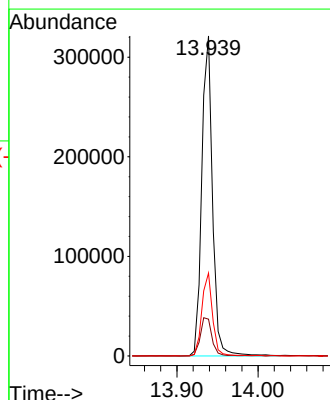
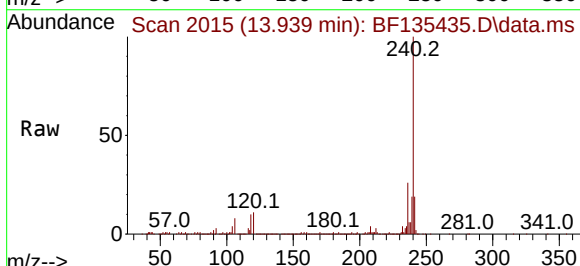
Instrument :
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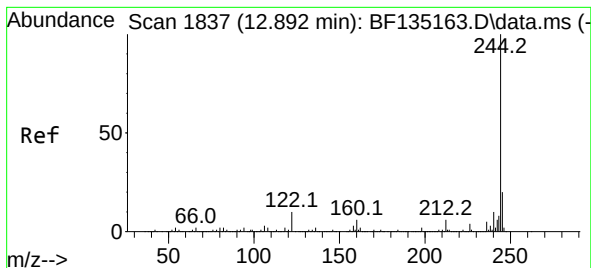
Tgt Ion:188 Resp: 415335
Ion Ratio Lower Upper
188 100
94 10.7 7.0 10.6#
80 11.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135435.D
Acq: 25 Sep 2023 19:24

Tgt Ion:240 Resp: 295729
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.2
236 25.9 19.8 29.8





#79

Terphenyl-d14

Concen: 31.301 ng

RT: 12.874 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BF135435.D

Acq: 25 Sep 2023 19:24

Instrument :

BNA_F

ClientSampleId :

SE-SOIL-6

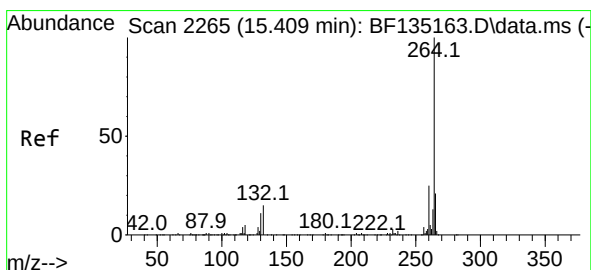
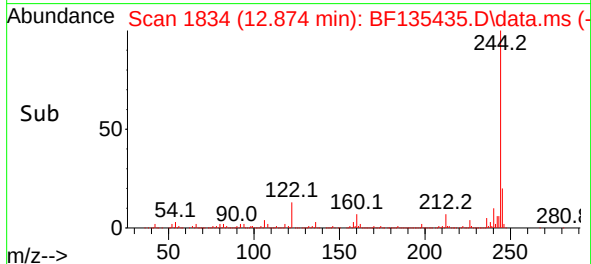
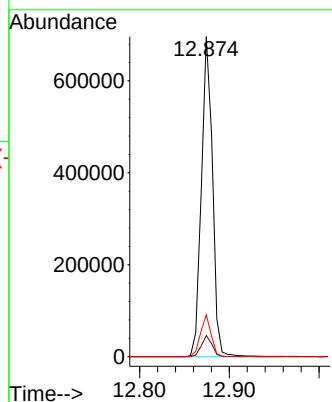
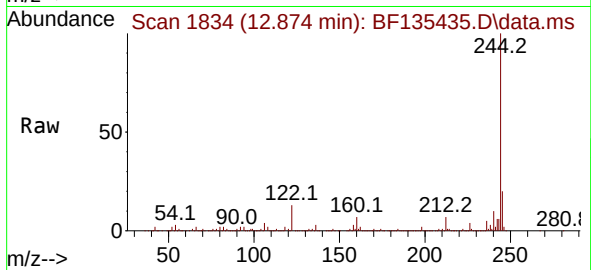
Tgt Ion:244 Resp: 597128

Ion Ratio Lower Upper

244 100

212 6.6 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: BF135435.D

Acq: 25 Sep 2023 19:24

Tgt Ion:264 Resp: 279836

Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

265 21.7 17.0 25.4

