

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135291.D
 Acq On : 15 Sep 2023 21:28
 Operator : CG\JU
 Sample : 04400-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JOYCE-KILMER-SOIL

Quant Time: Sep 16 01:56:17 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 12 00:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	108040	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	373424	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	176421	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	273303	20.000	ng	0.00
76) Chrysene-d12	13.939	240	212771	20.000	ng	0.00
86) Perylene-d12	15.409	264	206340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	623796	93.907	ng	0.00
7) Phenol-d6	6.404	99	793095	93.895	ng	0.00
23) Nitrobenzene-d5	7.322	82	480637	69.928	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	160053	91.292	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	785882	67.207	ng	-0.01
79) Terphenyl-d14	12.880	244	691164	50.356	ng	-0.01

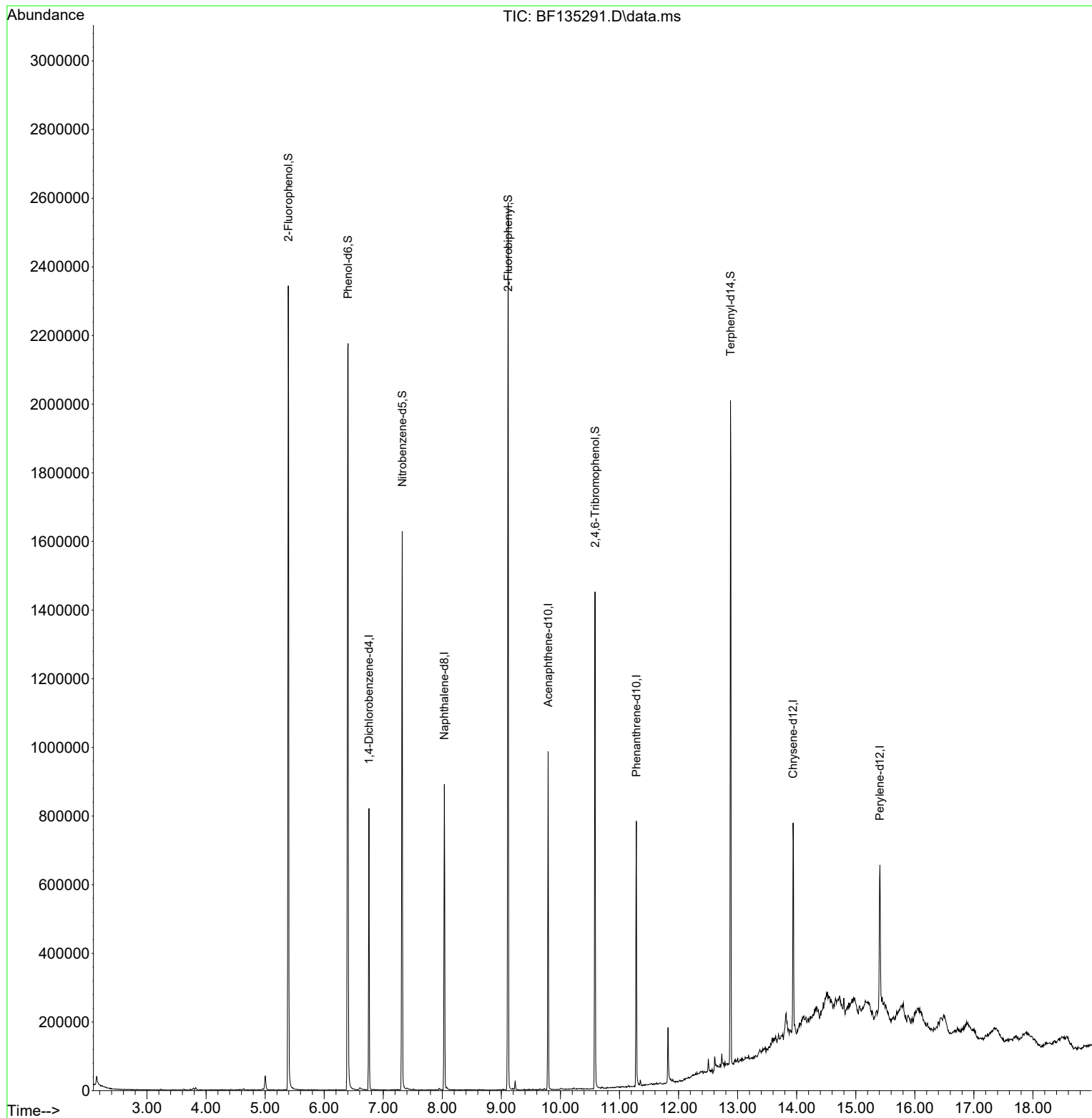
Target Compounds	Qvalue

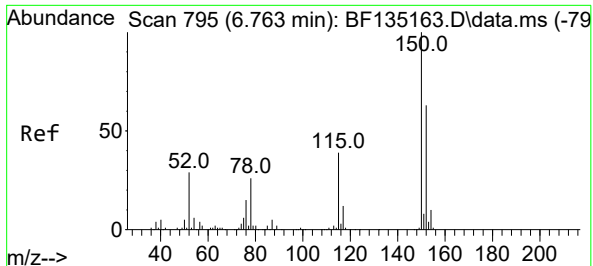
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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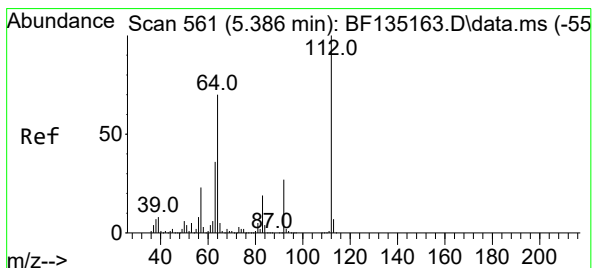
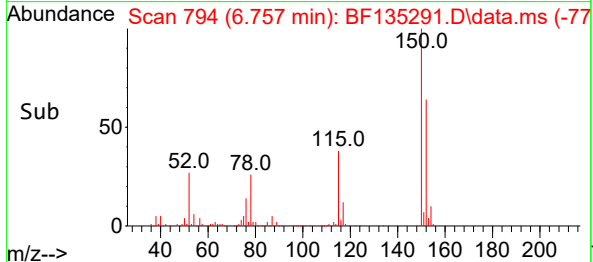
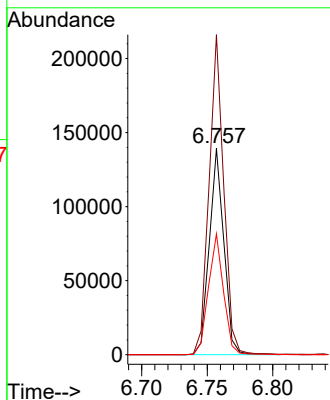
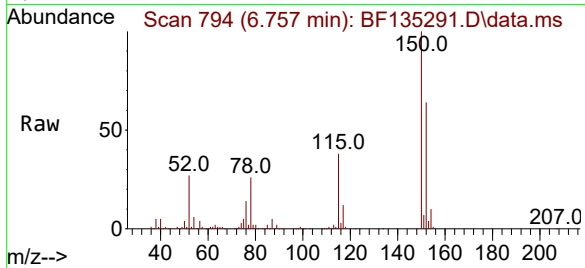




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135291.D
Acq: 15 Sep 2023 21:28

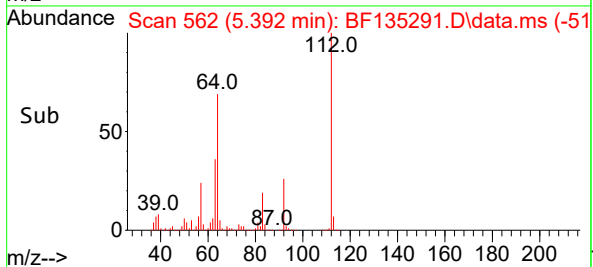
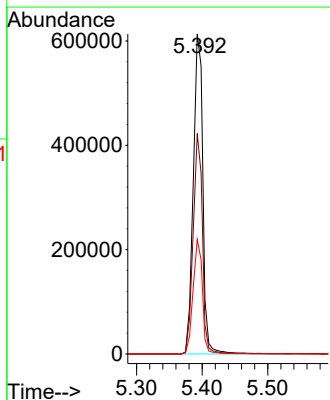
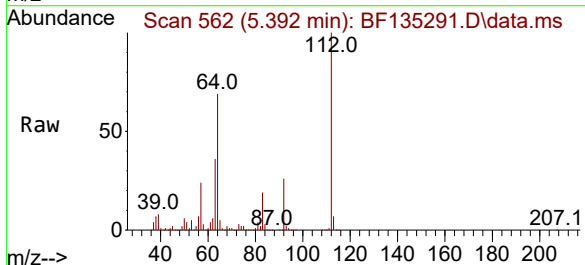
Instrument :
BNA_F
ClientSampleId :
JOYCE-KILMER-SOIL

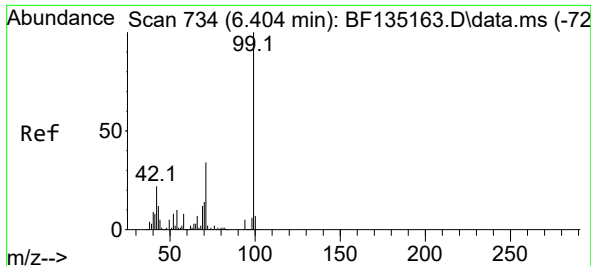
Tgt Ion:152 Resp: 108040
Ion Ratio Lower Upper
152 100
150 155.1 127.8 191.6
115 58.6 49.8 74.8



#5
2-Fluorophenol
Concen: 93.907 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135291.D
Acq: 15 Sep 2023 21:28

Tgt Ion:112 Resp: 623796
Ion Ratio Lower Upper
112 100
64 68.9 55.9 83.9
63 35.8 29.0 43.6

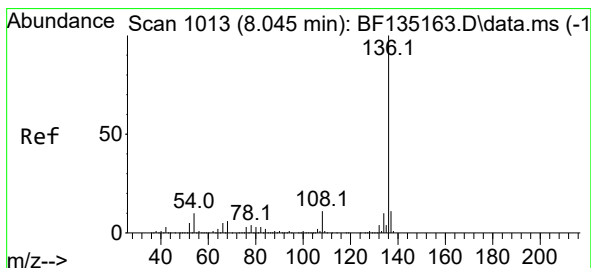
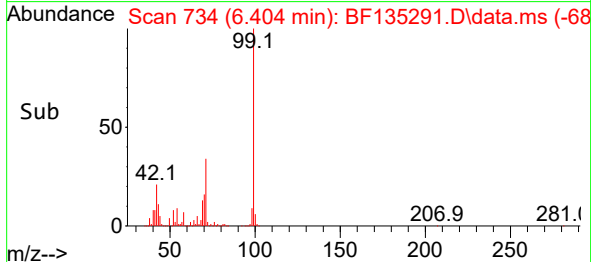
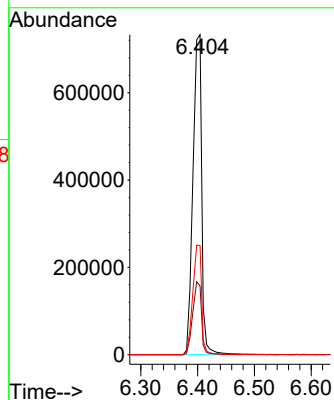
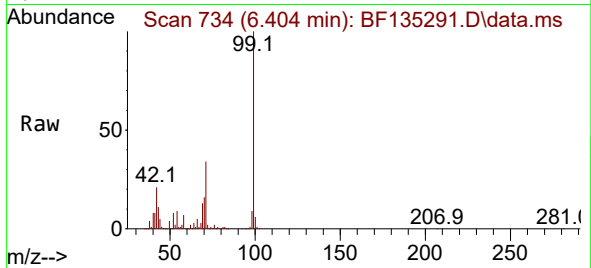




#7
Phenol-d6
Concen: 93.895 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135291.D
Acq: 15 Sep 2023 21:28

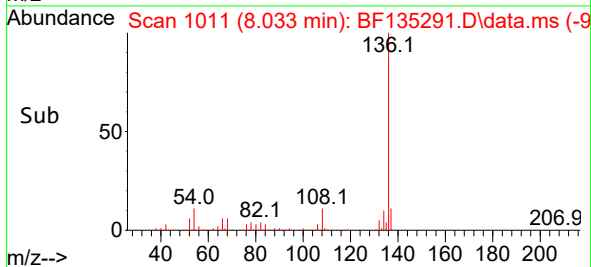
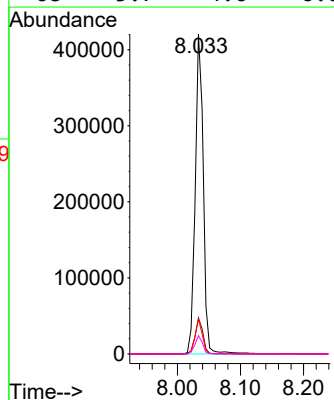
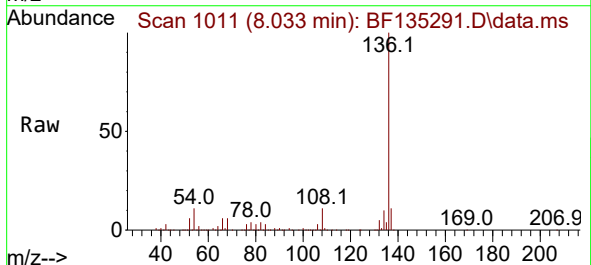
Instrument :
BNA_F
ClientSampleId :
JOYCE-KILMER-SOIL

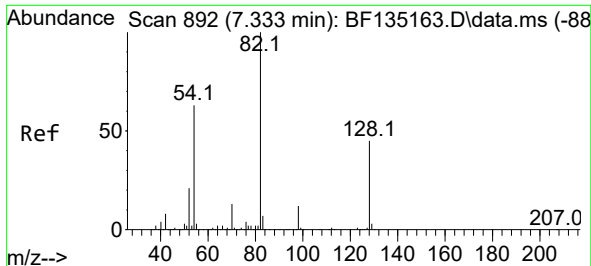
Tgt Ion: 99 Resp: 793095
Ion Ratio Lower Upper
99 100
42 21.4 17.9 26.9
71 34.1 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135291.D
Acq: 15 Sep 2023 21:28

Tgt Ion: 136 Resp: 373424
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.9 7.7 11.5
68 5.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 69.928 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135291.D

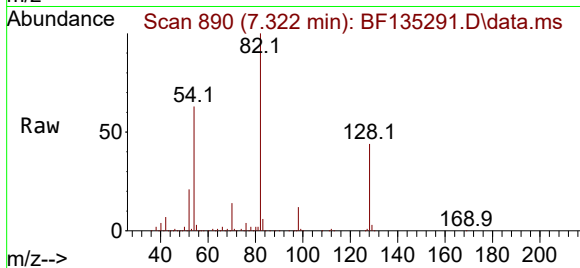
Acq: 15 Sep 2023 21:28

Instrument :

BNA_F

ClientSampleId :

JOYCE-KILMER-SOIL



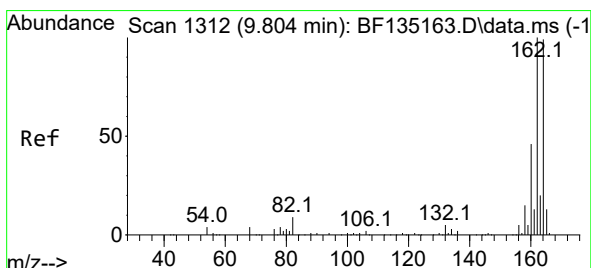
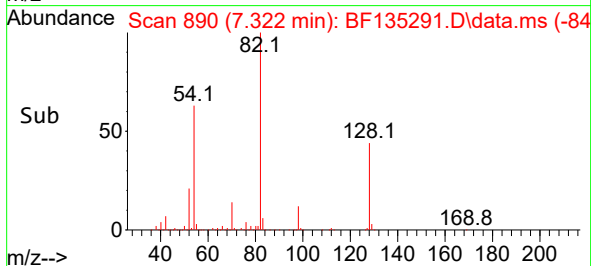
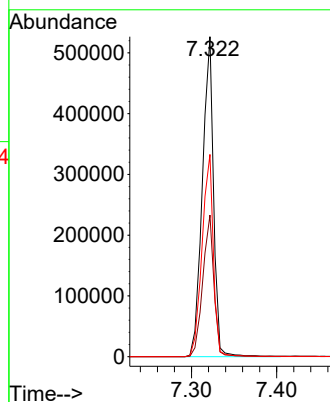
Tgt Ion: 82 Resp: 480637

Ion Ratio Lower Upper

82 100

128 44.2 35.8 53.6

54 63.2 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF135291.D

Acq: 15 Sep 2023 21:28

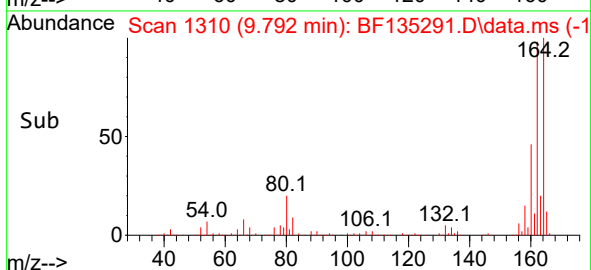
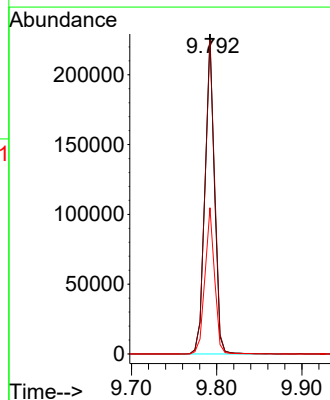
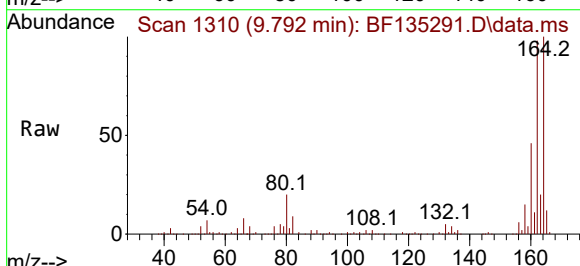
Tgt Ion: 164 Resp: 176421

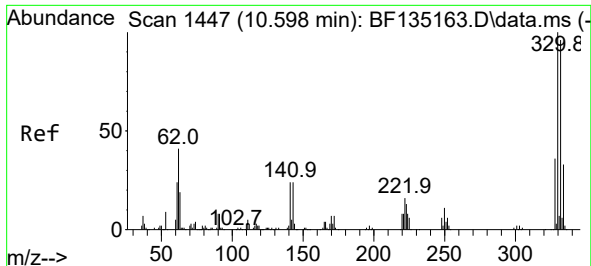
Ion Ratio Lower Upper

164 100

162 98.1 81.0 121.4

160 45.7 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 91.292 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF135291.D

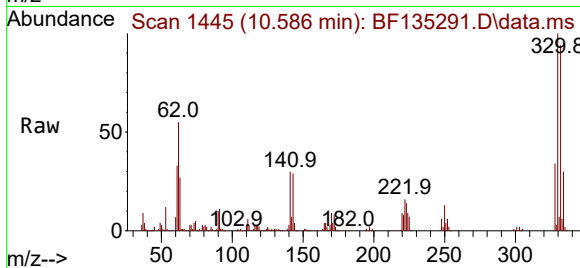
Acq: 15 Sep 2023 21:28

Instrument :

BNA_F

ClientSampleId :

JOYCE-KILMER-SOIL



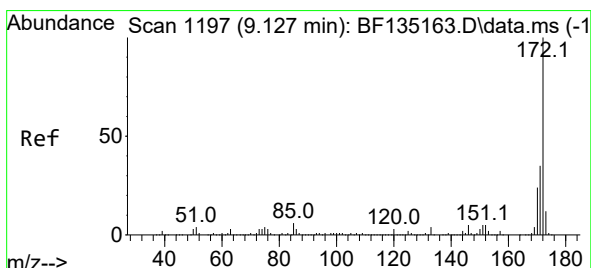
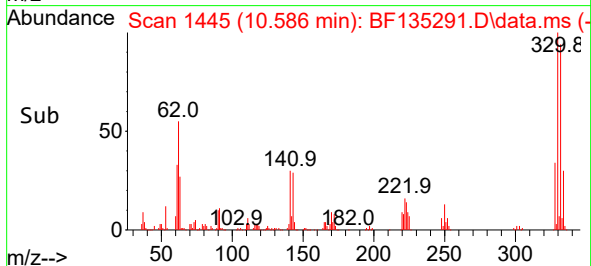
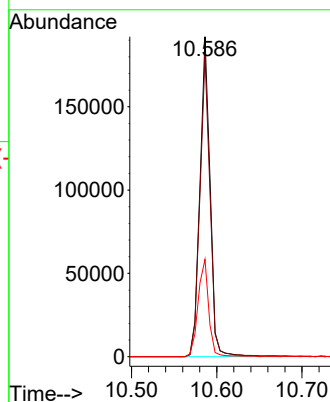
Tgt Ion:330 Resp: 160053

Ion Ratio Lower Upper

330 100

332 93.8 77.3 115.9

141 31.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 67.207 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135291.D

Acq: 15 Sep 2023 21:28

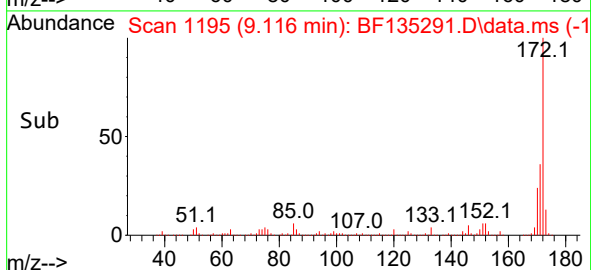
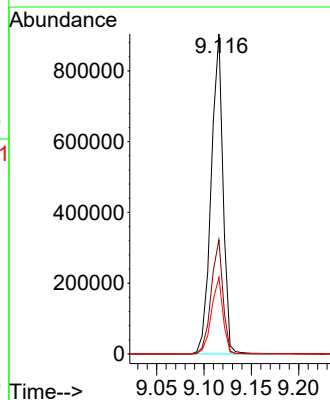
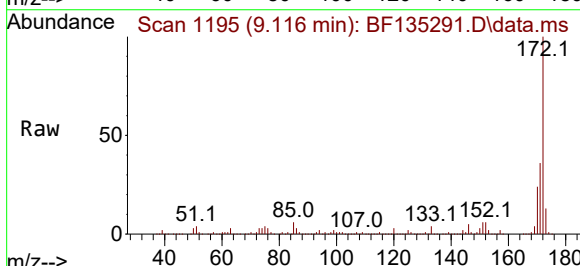
Tgt Ion:172 Resp: 785882

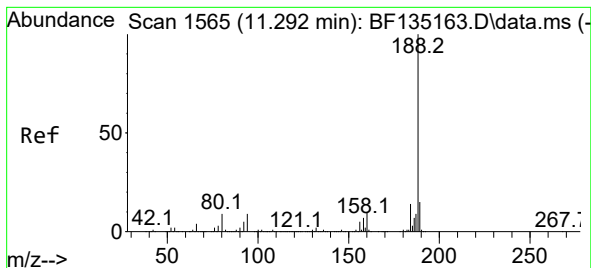
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135291.D

Acq: 15 Sep 2023 21:28

Instrument :

BNA_F

ClientSampleId :

JOYCE-KILMER-SOIL

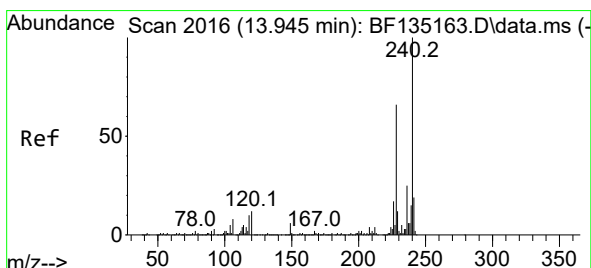
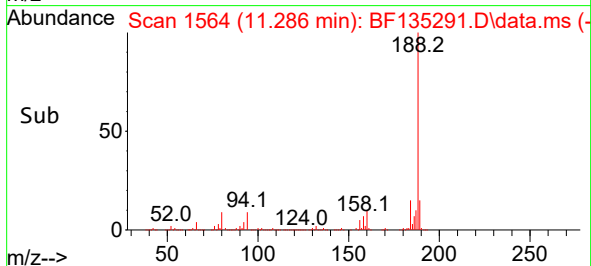
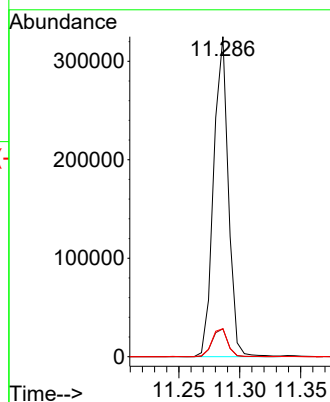
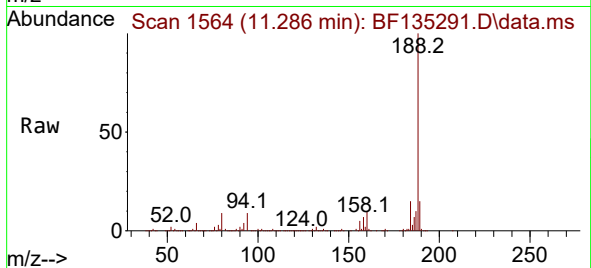
Tgt Ion:188 Resp: 273303

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

80 8.7 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: BF135291.D

Acq: 15 Sep 2023 21:28

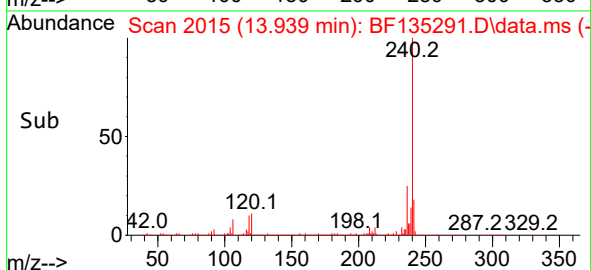
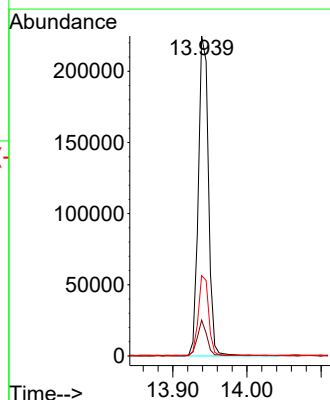
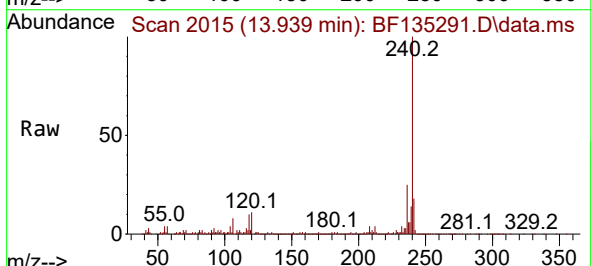
Tgt Ion:240 Resp: 212771

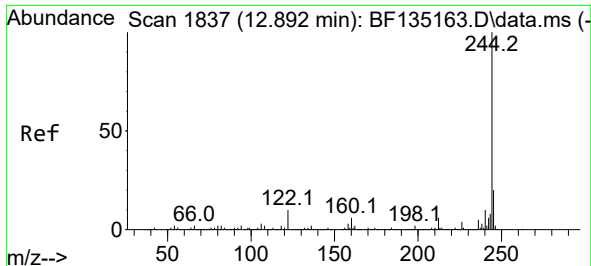
Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.2

236 25.1 19.8 29.8

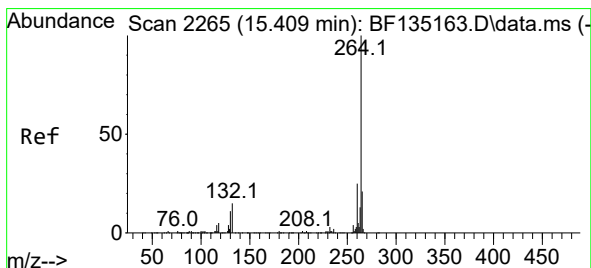
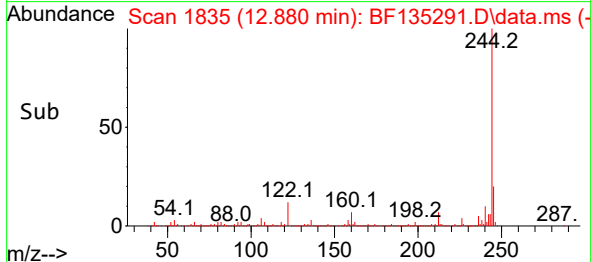
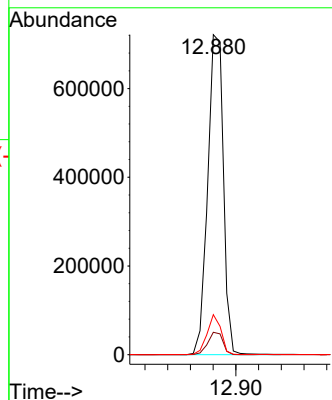
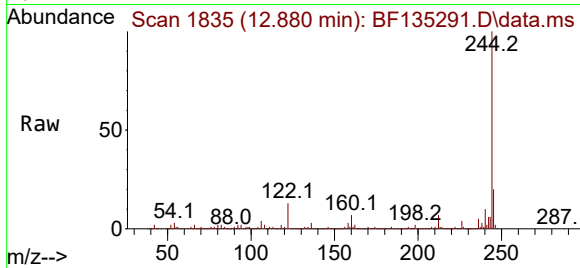




#79
 Terphenyl-d14
 Concen: 50.356 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135291.D
 Acq: 15 Sep 2023 21:28

Instrument :
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Tgt Ion:244 Resp: 691164
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 12.5 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135291.D
 Acq: 15 Sep 2023 21:28

Tgt Ion:264 Resp: 206340
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 22.2 17.0 25.4

