

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)

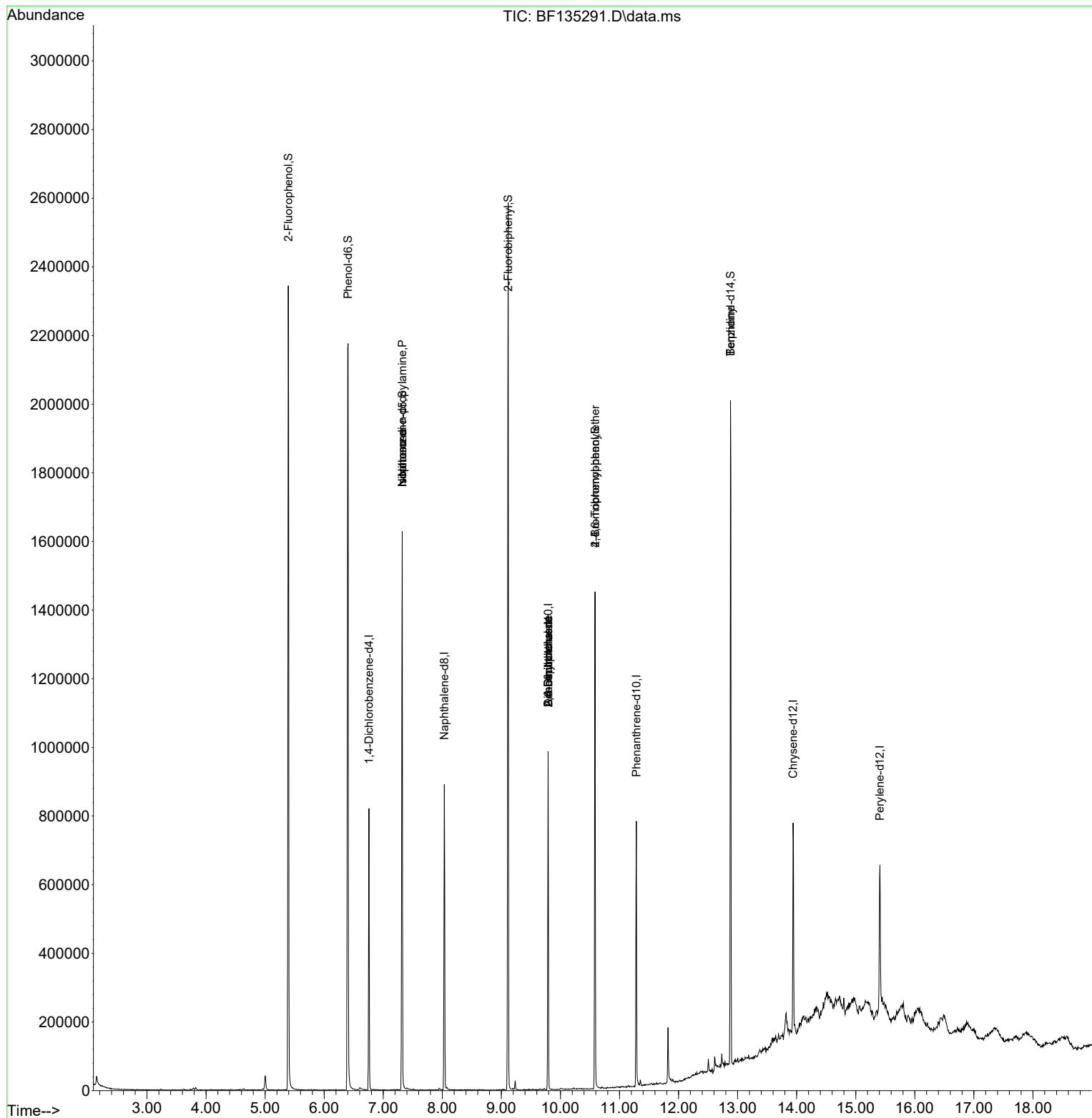
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	108040	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	373424	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	176421	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	273303	20.000	ng	0.00
76) Chrysene-d12	13.939	240	212771	20.000	ng	0.00
86) Perylene-d12	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	
19) n-Nitroso-di-n-propyla...	7.322	70	64983	12.421	ng	# 77
25) Isophorone	7.322	82	480633	38.081	ng	# 65
50) Dimethylphthalate	9.792	163	35638	2.988	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	22472	8.600	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	22472	6.870	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	10373	3.816	ng	# 1
77) Benzidine	12.880	184	9237	2.119	ng	# 91

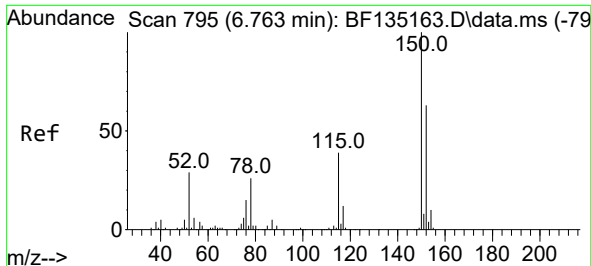
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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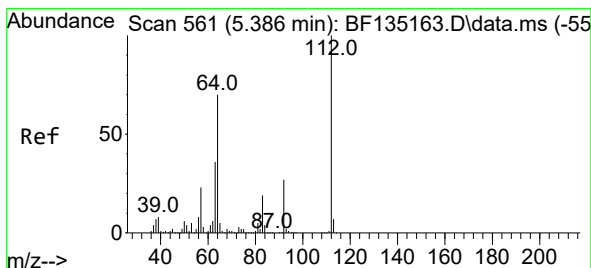
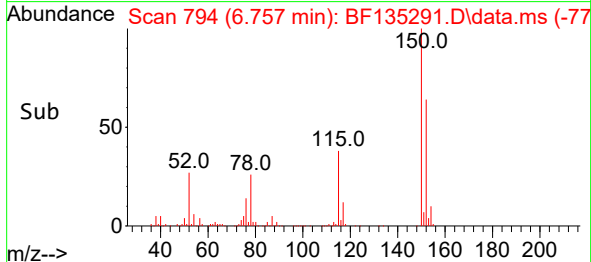
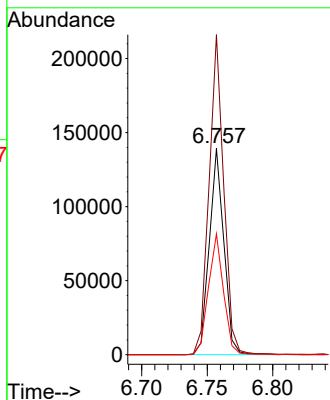
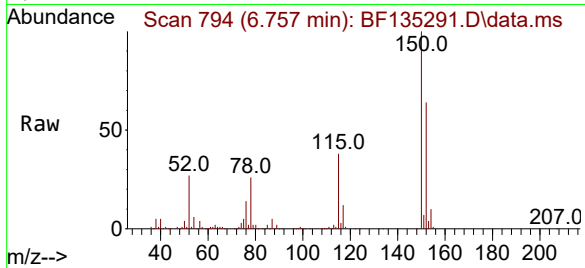




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135291.D
Acq: 15 Sep 2023 21:28

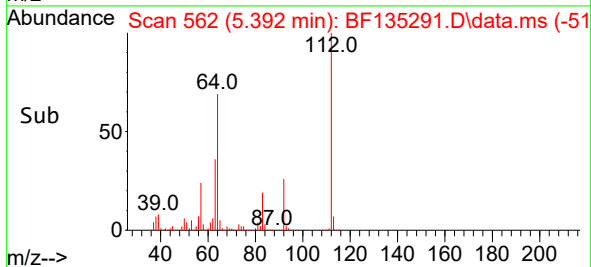
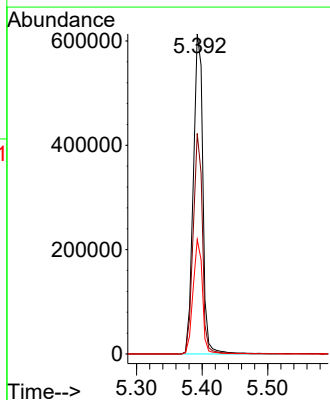
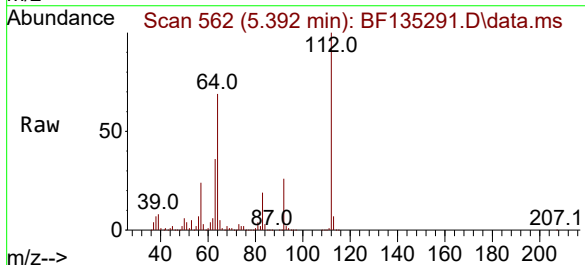
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BNA_F
ClientSampleId :
JOYCE-KILMER-SOIL

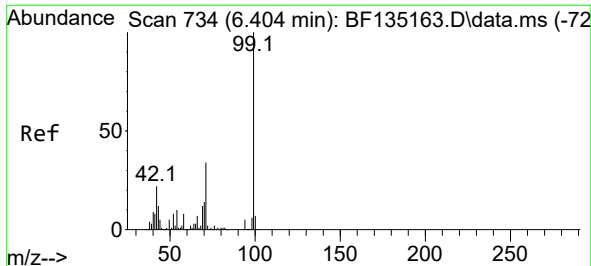
Tgt Ion:152 Resp: 108040
Ion Ratio Lower Upper
152 100
150 155.1 127.8 191.6
115 58.6 49.8 74.8



#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

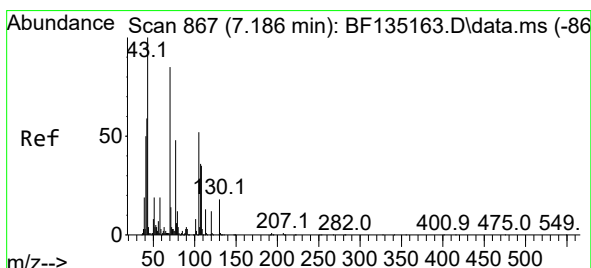
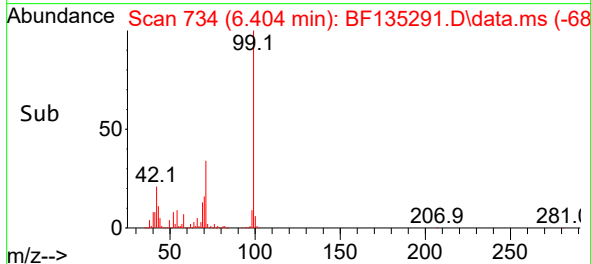
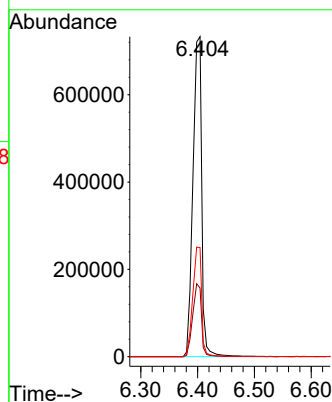
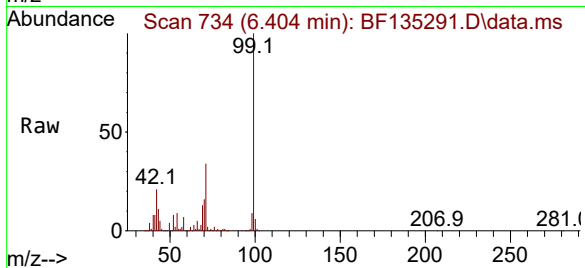




#7
Phenol-d6
Concen: 93.895 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135291.D
Acq: 15 Sep 2023 21:28

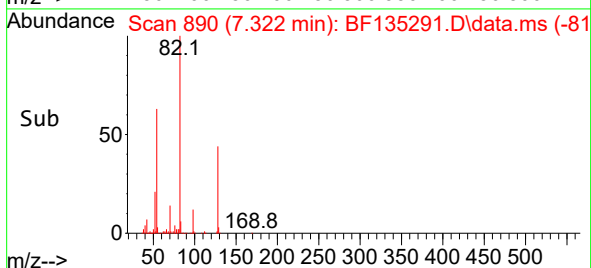
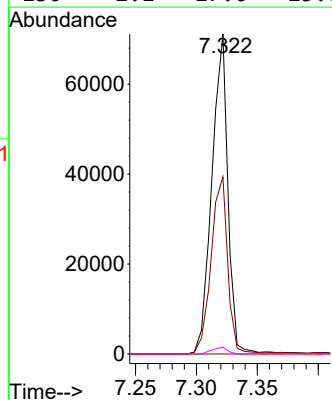
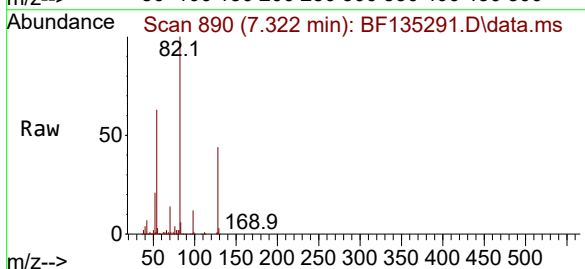
Instrument :
BNA_F
ClientSampleId :
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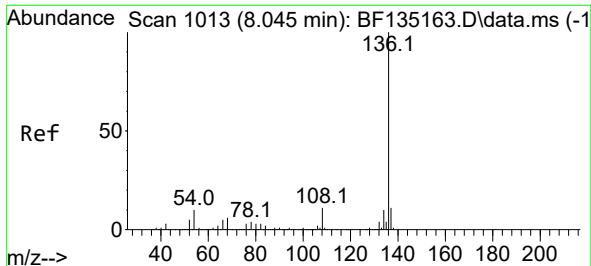
Tgt Ion: 99 Resp: 793095
Ion Ratio Lower Upper
99 100
42 21.4 17.9 26.9
71 34.1 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.421 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135291.D
Acq: 15 Sep 2023 21:28

Tgt Ion: 70 Resp: 64983
Ion Ratio Lower Upper
70 100
42 55.4 55.4 83.0#
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#

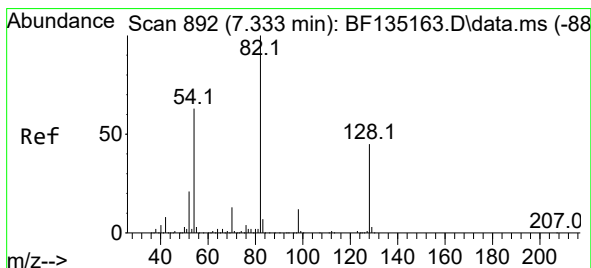
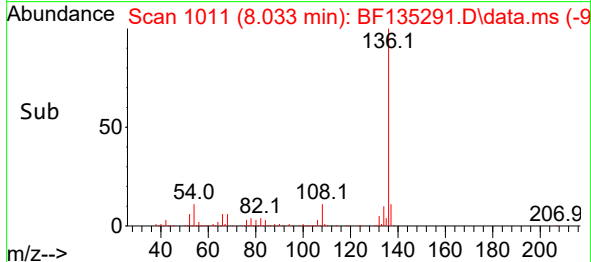
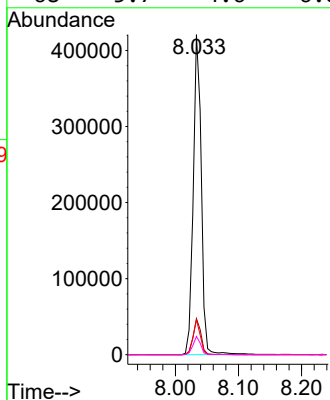
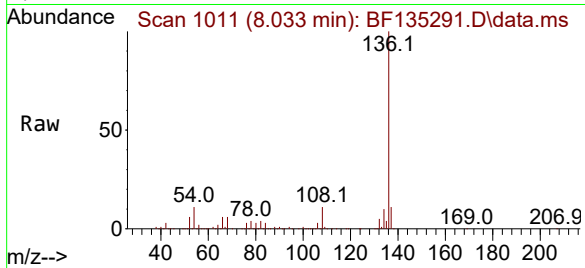




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135291.D
Acq: 15 Sep 2023 21:28

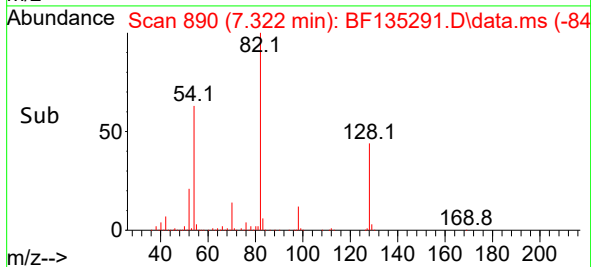
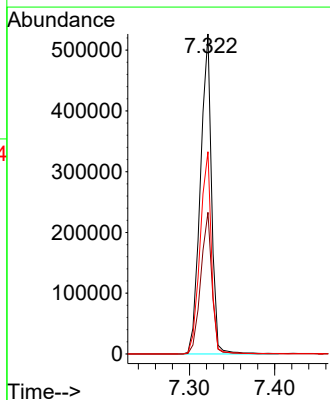
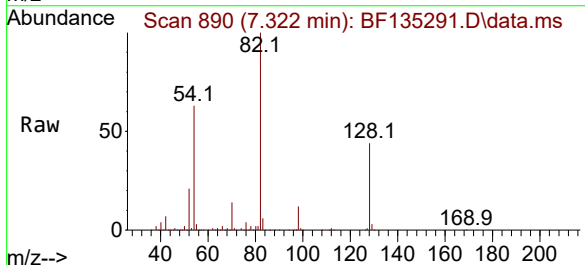
Instrument :
BNA_F
ClientSampleId :
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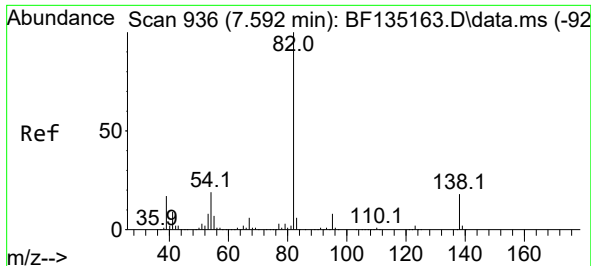
Tgt Ion:	136	Resp:	373424
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.9	7.7	11.5
68	5.7	4.6	6.8



#23
Nitrobenzene-d5
Concen: 69.928 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135291.D
Acq: 15 Sep 2023 21:28

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

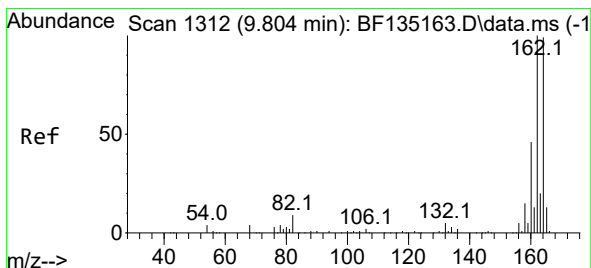
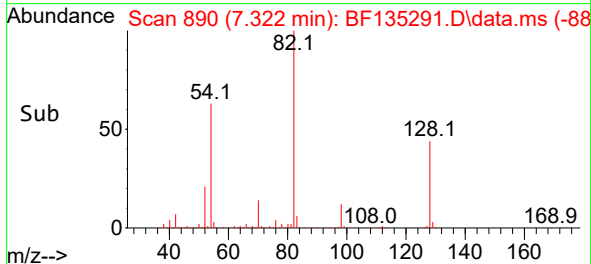
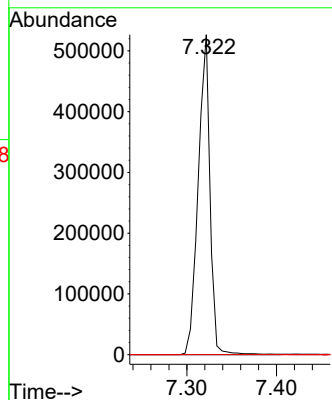
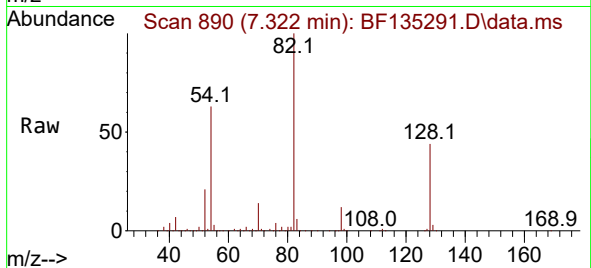




#25
Isophorone
Concen: 38.081 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.271 min
Lab File: BF135291.D
Acq: 15 Sep 2023 21:28

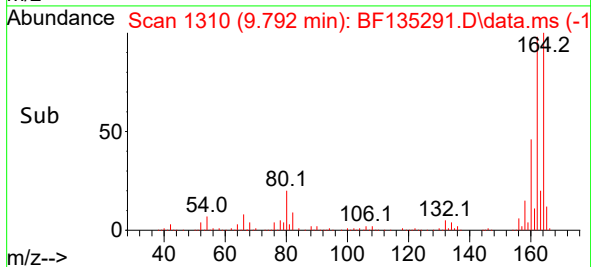
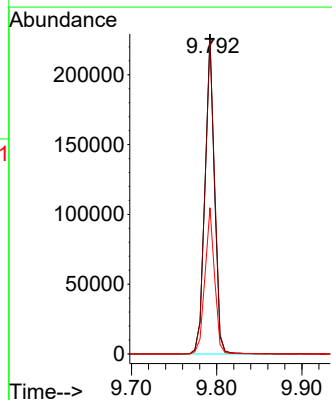
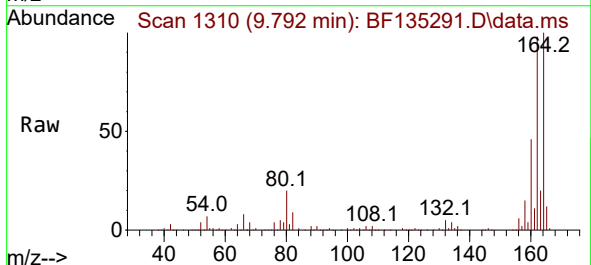
Instrument :
BNA_F
ClientSampleId :
JOYCE-KILMER-SOIL

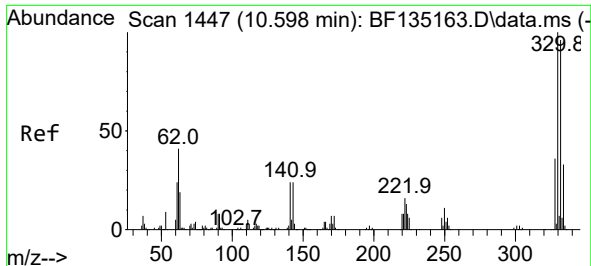
Tgt Ion: 82 Resp: 480633
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#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

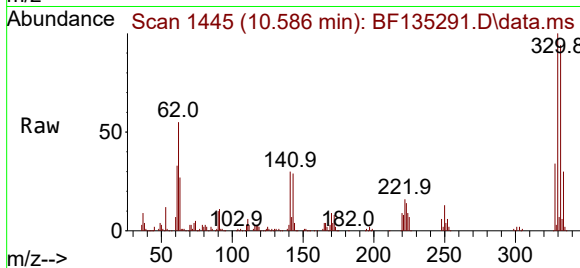
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Instrument :

BNA_F

ClientSampleId :

JOYCE-KILMER-SOIL



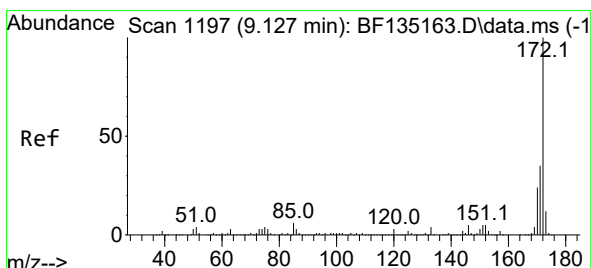
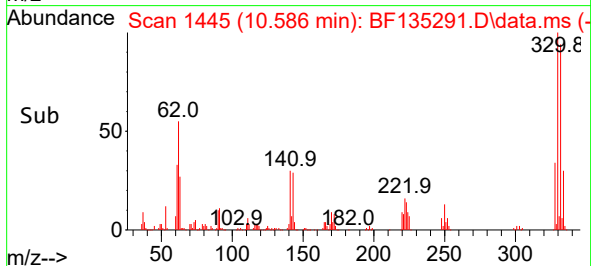
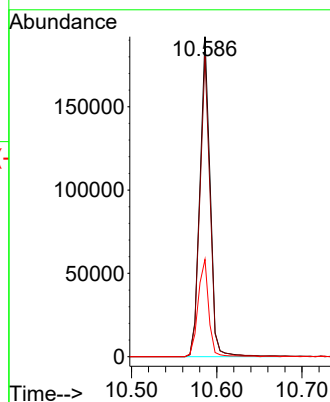
Tgt Ion:330 Resp: 160053

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

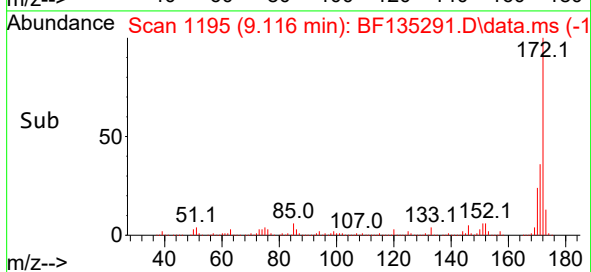
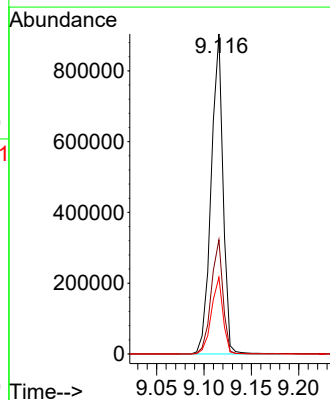
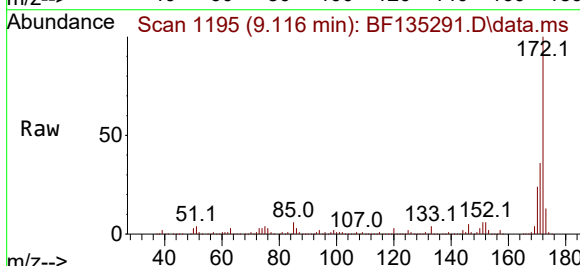
Tgt Ion:172 Resp: 785882

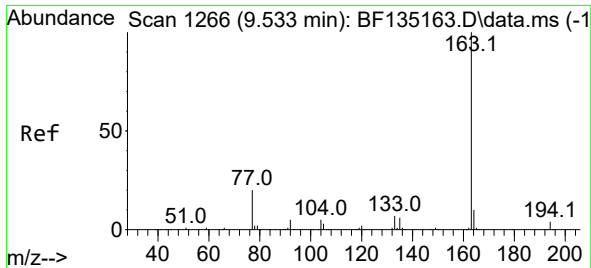
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.0 19.0 28.4

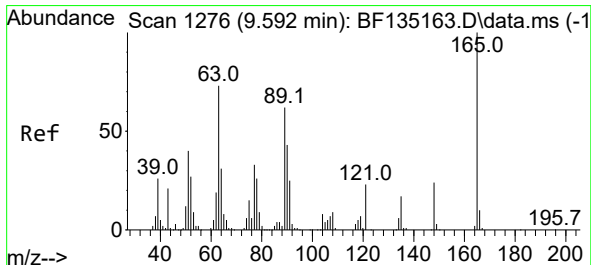
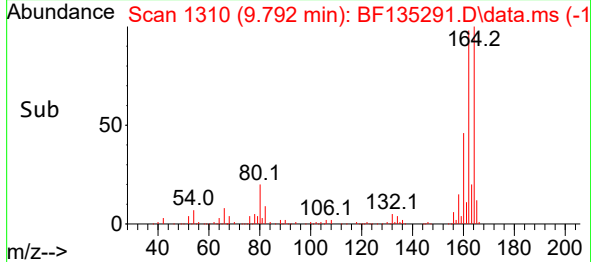
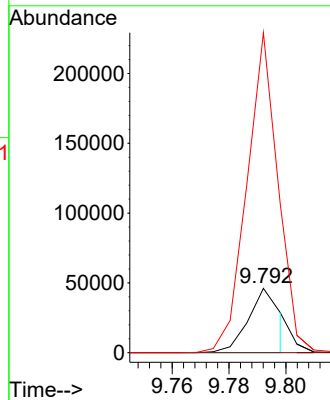
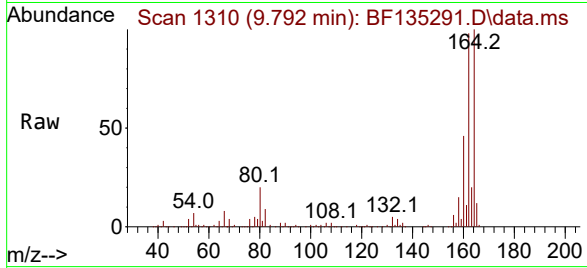




#50
Dimethylphthalate
Concen: 2.988 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135291.D
Acq: 15 Sep 2023 21:28

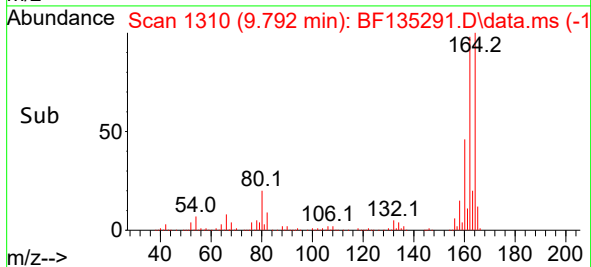
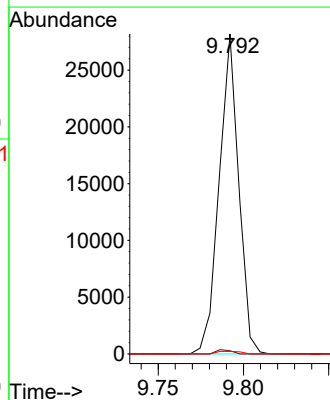
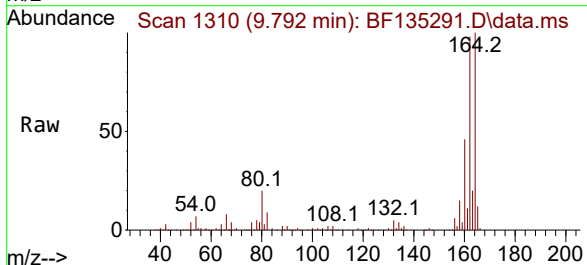
Instrument :
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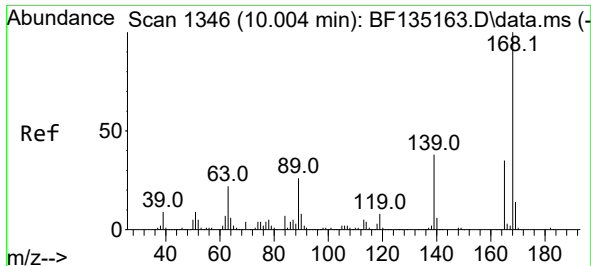
Tgt Ion:163 Resp: 35638
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 497.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.600 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135291.D
Acq: 15 Sep 2023 21:28

Tgt Ion:165 Resp: 22472
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 0.8 49.8 74.8#

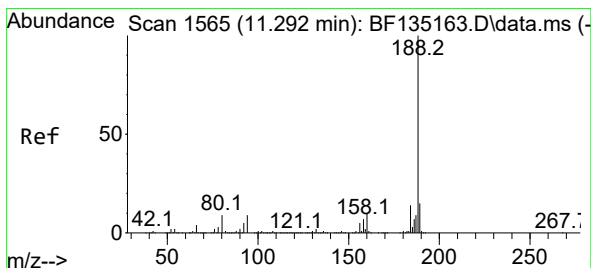
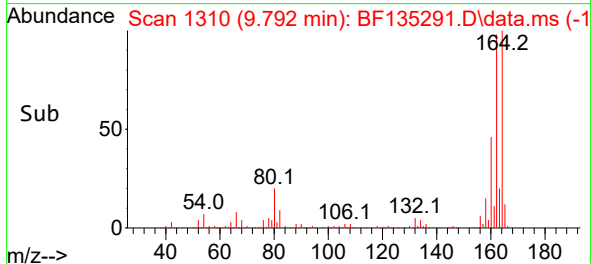
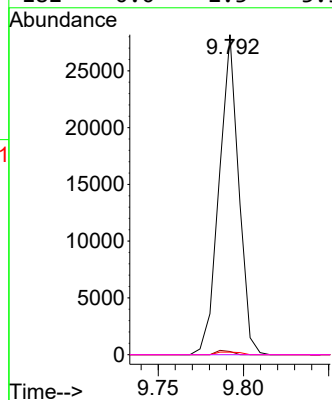
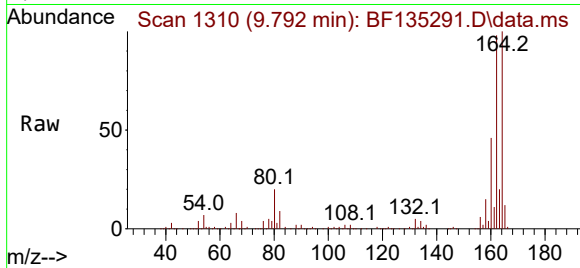




#57
2,4-Dinitrotoluene
Concen: 6.870 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135291.D
Acq: 15 Sep 2023 21:28

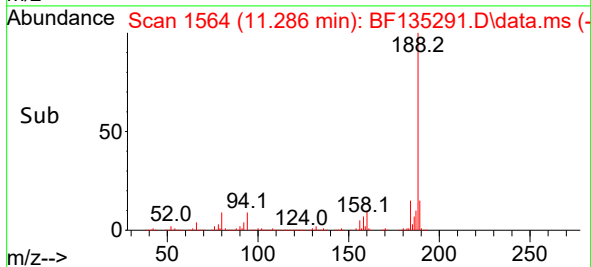
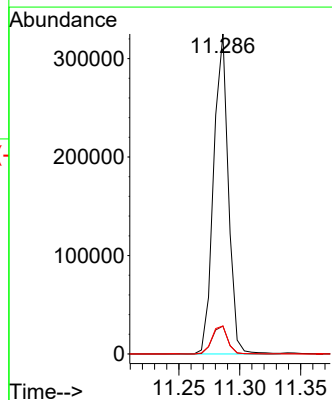
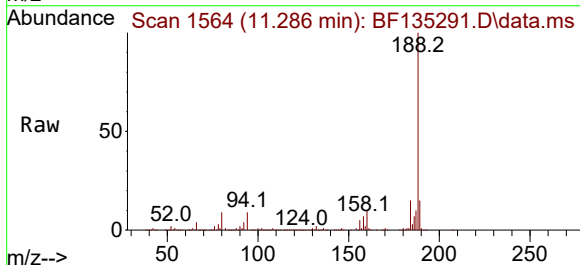
Instrument :
BNA_F
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JOYCE-KILMER-SOIL

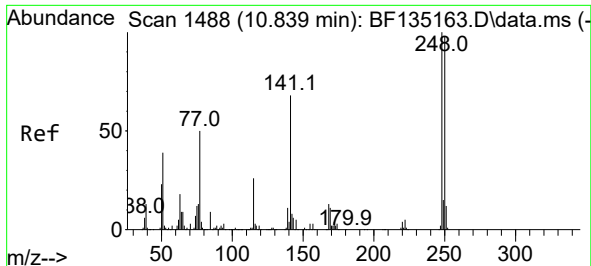
Tgt Ion:165 Resp: 22472
Ion Ratio Lower Upper
165 100
63 1.0 50.1 75.1#
89 0.8 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135291.D
Acq: 15 Sep 2023 21:28

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

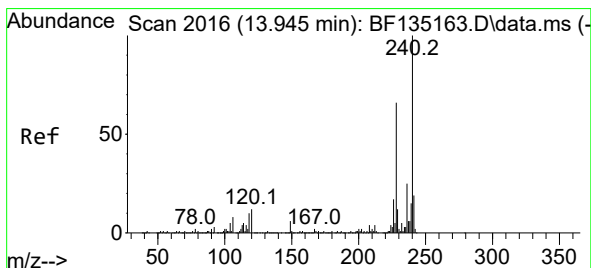
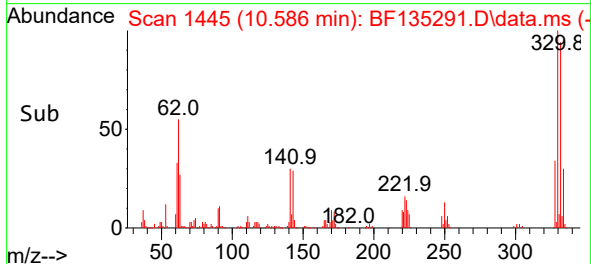
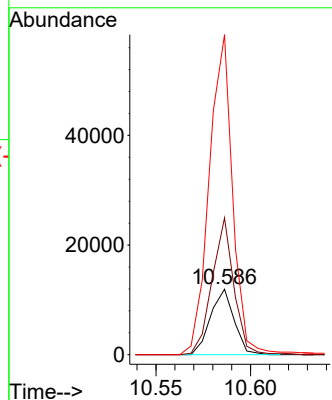
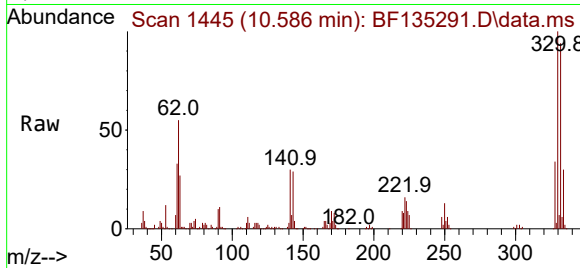




#67
4-Bromophenyl-phenylether
Concen: 3.816 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135291.D
Acq: 15 Sep 2023 21:28

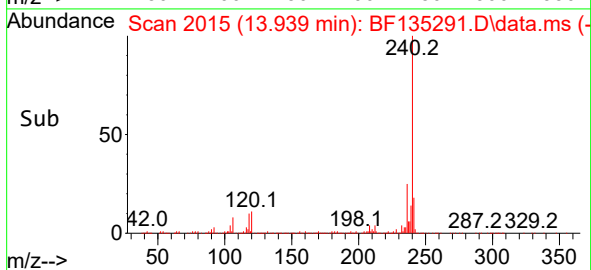
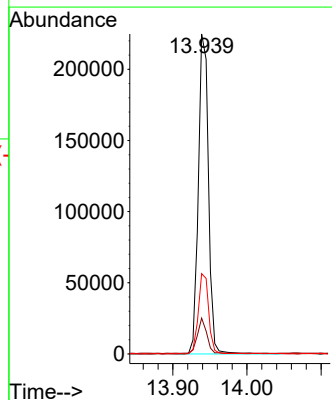
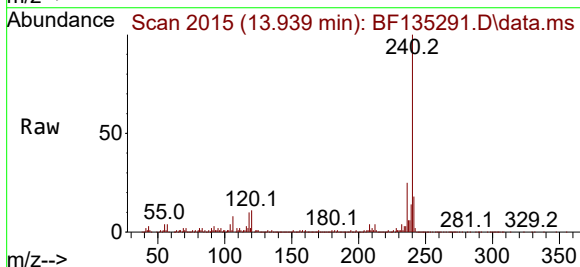
Instrument :
BNA_F
ClientSampleId :
JOYCE-KILMER-SOIL

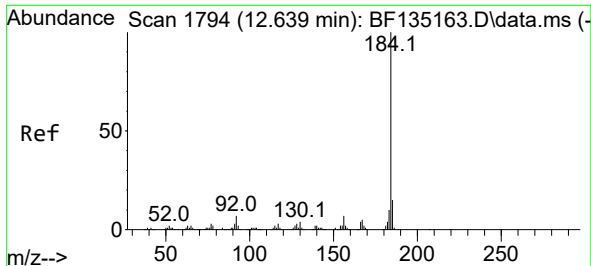
Tgt Ion:248 Resp: 10373
Ion Ratio Lower Upper
248 100
250 209.1 78.6 117.8#
141 489.2 54.2 81.2#



#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

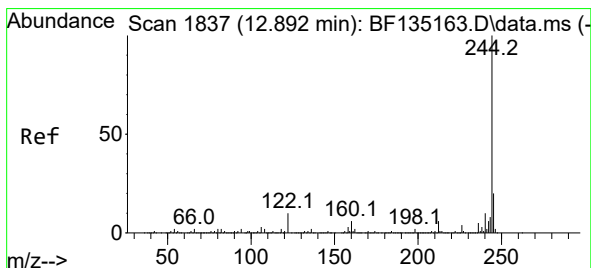
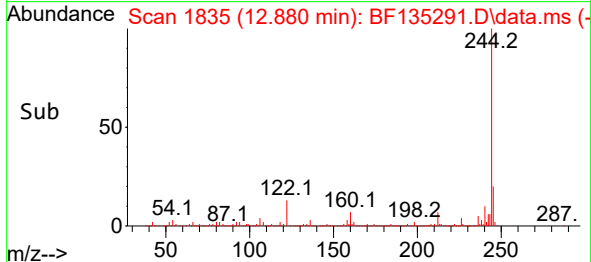
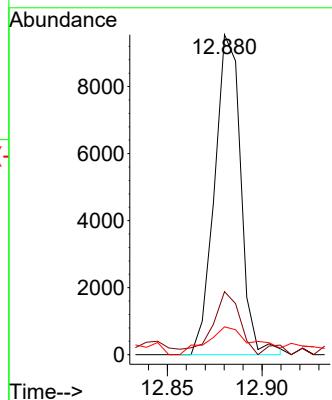
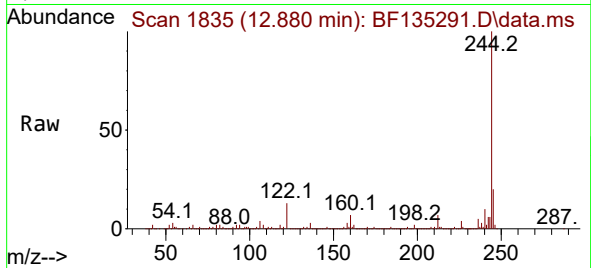




#77
Benzidine
Concen: 2.119 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.241 min
Lab File: BF135291.D
Acq: 15 Sep 2023 21:28

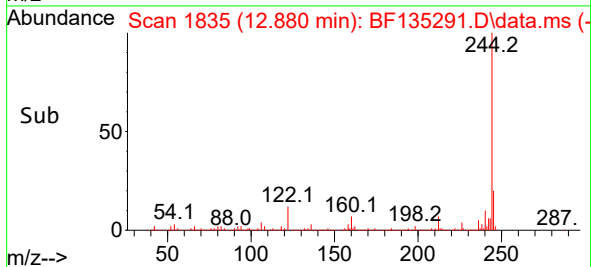
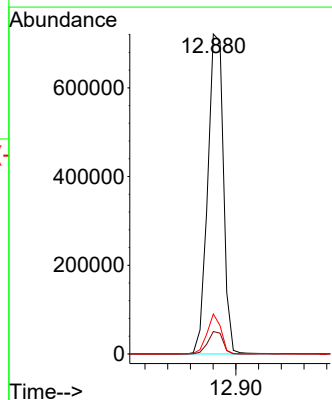
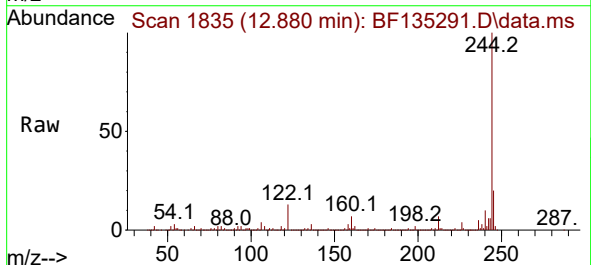
Instrument :
BNA_F
ClientSampleId :
JOYCE-KILMER-SOIL

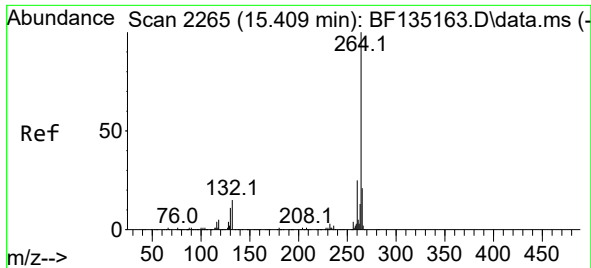
Tgt Ion:184 Resp: 9237
Ion Ratio Lower Upper
184 100
185 19.7 11.7 17.5#
183 8.7 8.2 12.4



#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

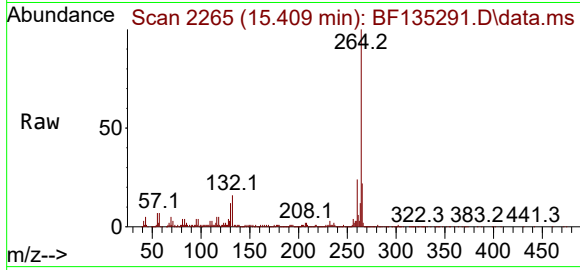
Tgt Ion:244 Resp: 691164
Ion Ratio Lower Upper
244 100
212 7.0 5.1 7.7
122 12.5 7.9 11.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 21
 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:264 Resp: 206340

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	22.2	17.0	25.4

