

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092622\
 Data File : BP011800.D
 Acq On : 26 Sep 2022 17:02
 Operator : CG/JU
 Sample : N4790-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 250FERRYBLVD-SOIL-1

Quant Time: Sep 27 03:20:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 02:45:14 2022
 Response via : Initial Calibration

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

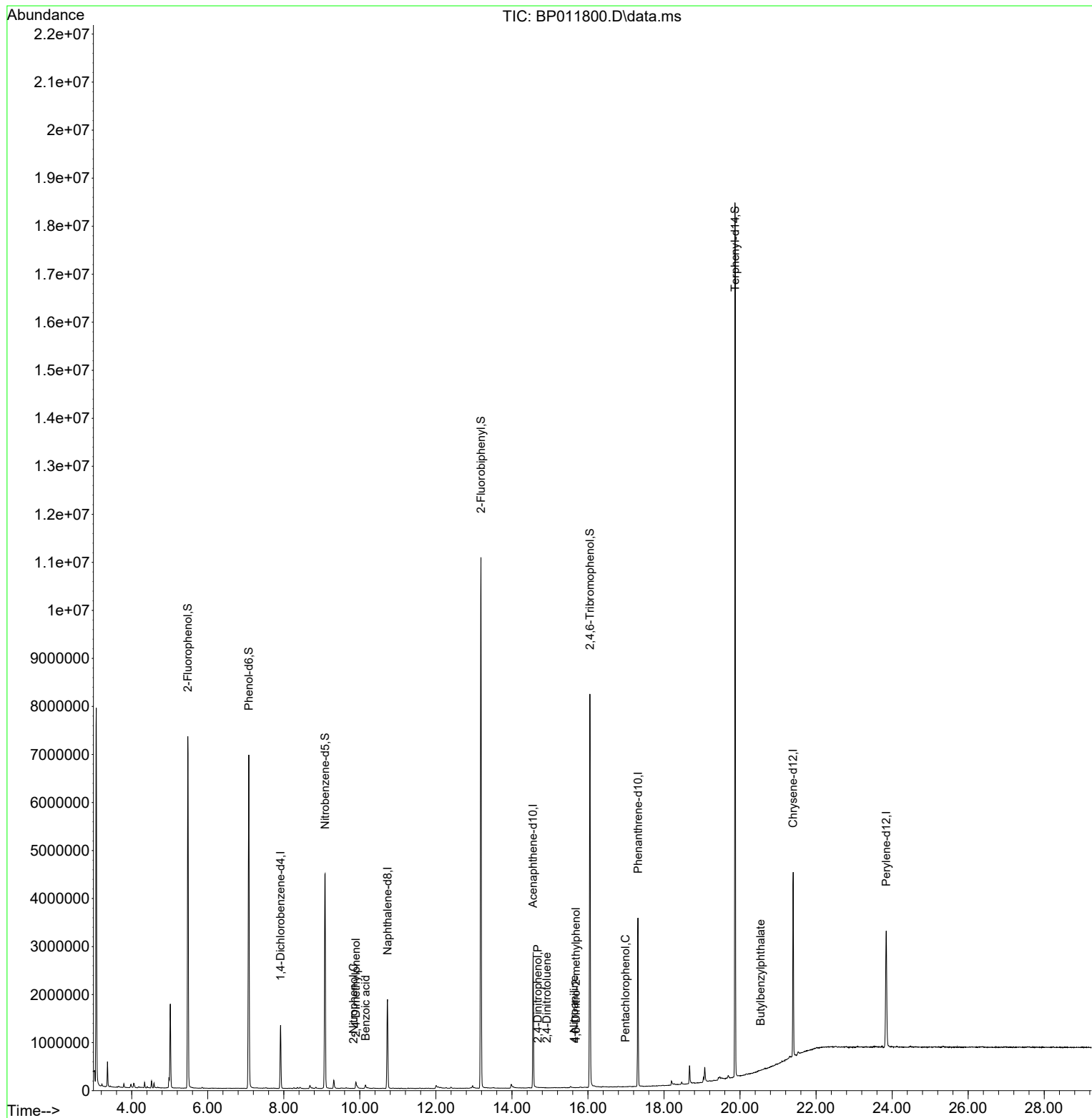
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	359514	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1586807	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	937217	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	1918284	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1721090	20.000	ng	0.00
86) Perylene-d12	23.845	264	1639653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3301820	161.144	ng	0.00
7) Phenol-d6	7.081	99	4256154	140.484	ng	0.00
23) Nitrobenzene-d5	9.087	82	2666500	87.954	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	1200380	190.213	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	5545304	93.567	ng	0.00
79) Terphenyl-d14	19.869	244	7995146	106.813	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.834	139	63	3.336	ng	# 1
27) 2,4-Dimethylphenol	9.899	122	65631	3.267	ng	99
32) Benzoic acid	10.151	122	9668	7.241	ng	# 34
54) 2,4-Dinitrophenol	14.681	184	25	6.729	ng	# 1
57) 2,4-Dinitrotoluene	14.922	165	96	2.543	ng	# 65
62) 4-Nitroaniline	15.639	138	64	2.389	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.686	198	29	5.623	ng	# 1
70) Pentachlorophenol	16.986	266	631	4.434	ng	# 87
80) Butylbenzylphthalate	20.539	149	546	2.692	ng	# 67

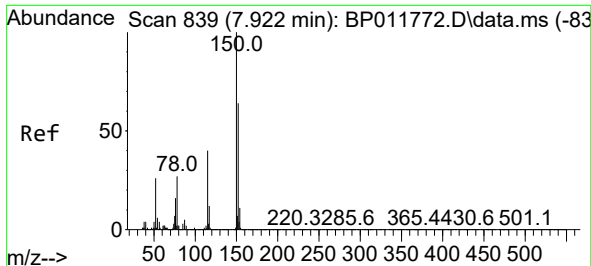
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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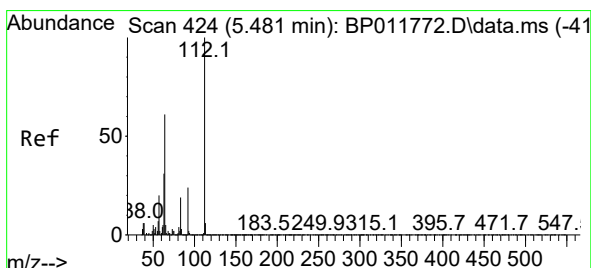
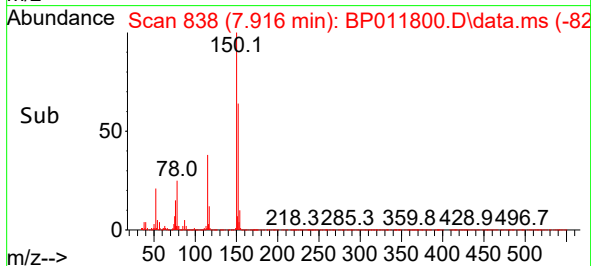
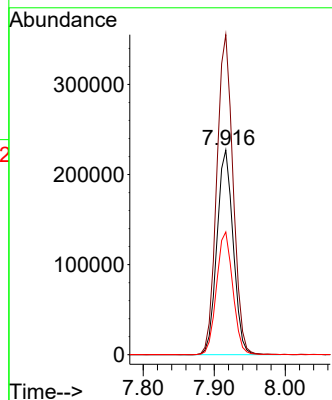
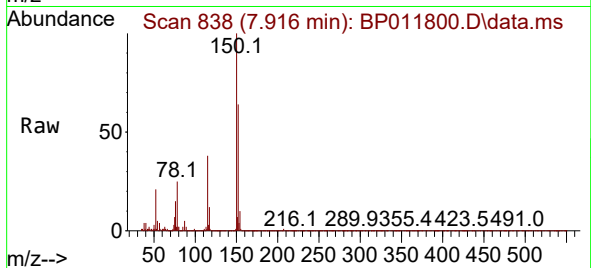




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP011800.D
Acq: 26 Sep 2022 17:02

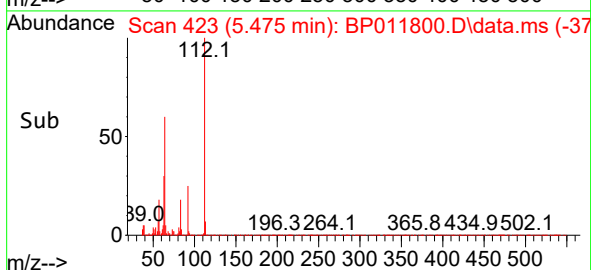
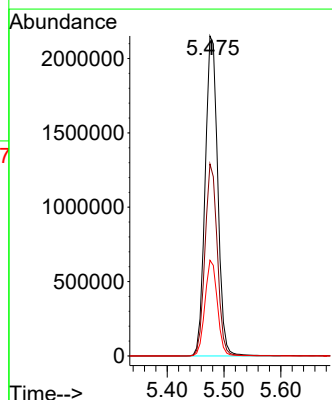
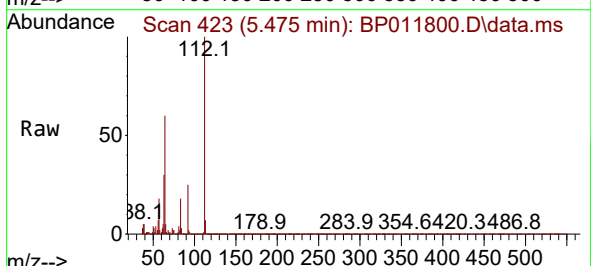
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1

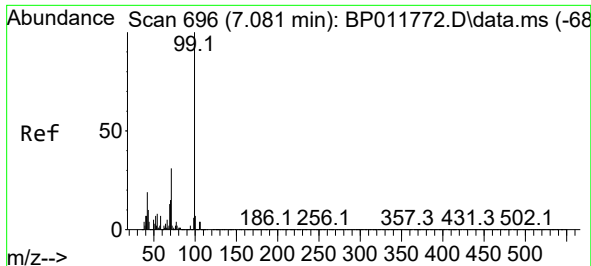
Tgt Ion:152 Resp: 359514
Ion Ratio Lower Upper
152 100
150 156.4 124.2 186.4
115 59.9 50.0 75.0



#5
2-Fluorophenol
Concen: 161.144 ng
RT: 5.475 min Scan# 423
Delta R.T. -0.006 min
Lab File: BP011800.D
Acq: 26 Sep 2022 17:02

Tgt Ion:112 Resp: 3301820
Ion Ratio Lower Upper
112 100
64 60.0 49.2 73.8
63 29.9 25.2 37.8

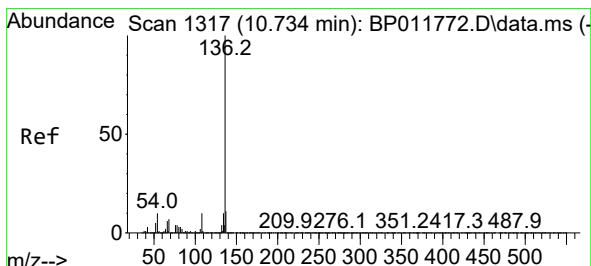
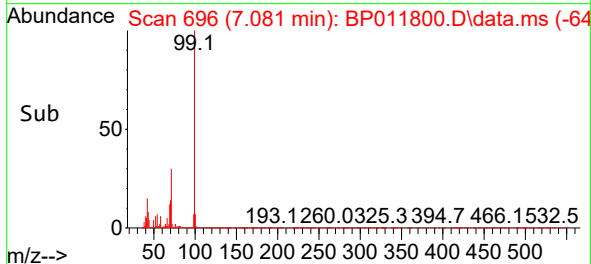
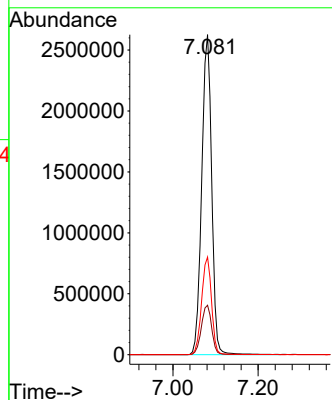
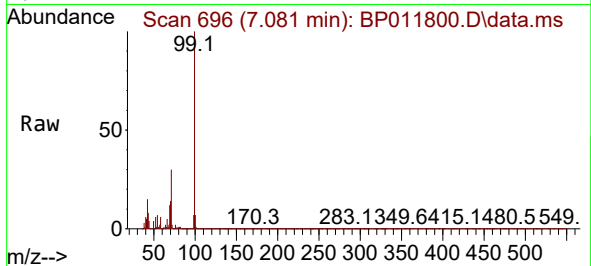




#7
Phenol-d6
Concen: 140.484 ng
RT: 7.081 min Scan# 696
Delta R.T. 0.000 min
Lab File: BP011800.D
Acq: 26 Sep 2022 17:02

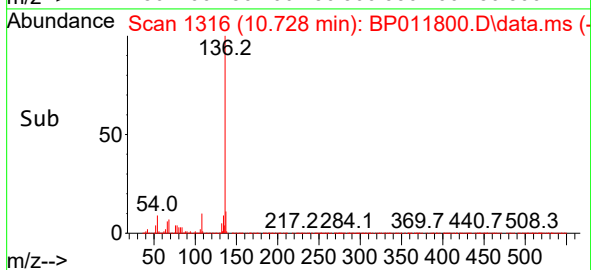
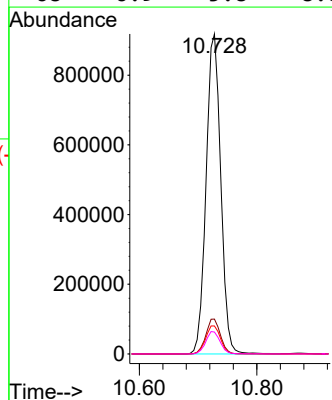
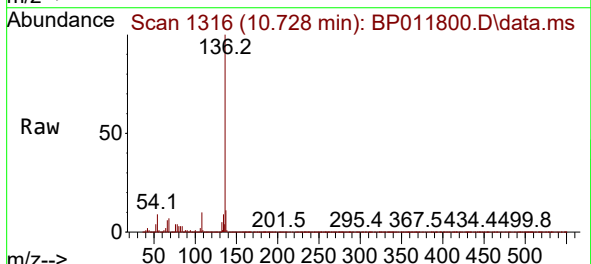
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1

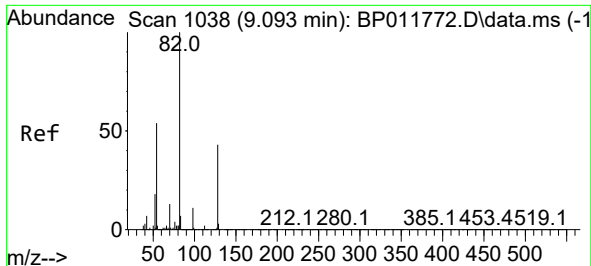
Tgt Ion: 99 Resp: 4256154
Ion Ratio Lower Upper
99 100
42 15.5 15.4 23.2
71 30.5 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BP011800.D
Acq: 26 Sep 2022 17:02

Tgt Ion:136 Resp: 1586807
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.8 8.2 12.4
68 6.9 5.8 8.8





#23

Nitrobenzene-d5

Concen: 87.954 ng

RT: 9.087 min Scan# 1103

Delta R.T. -0.006 min

Lab File: BP011800.D

Acq: 26 Sep 2022 17:02

Instrument :

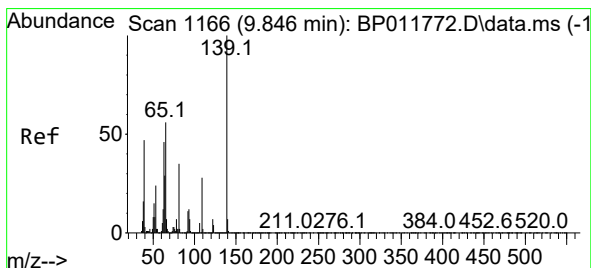
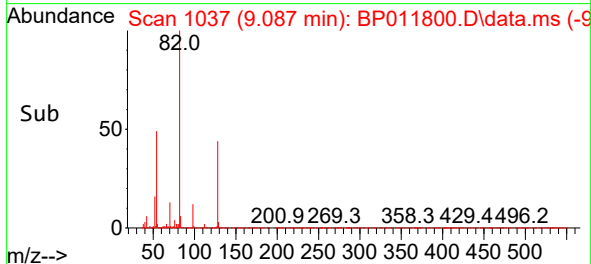
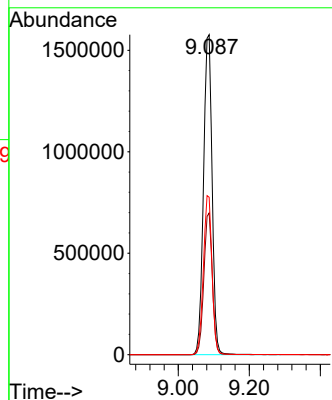
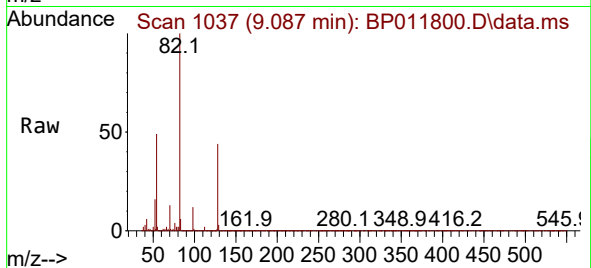
BNA_P

ClientSampleId :

250FERRYBLVD-SOIL-1

Tgt Ion: 82 Resp: 2666500

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.2	51.4
54	49.2	43.1	64.7



#26

2-Nitrophenol

Concen: 3.336 ng

RT: 9.834 min Scan# 1164

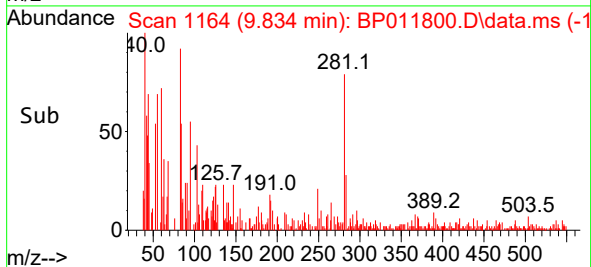
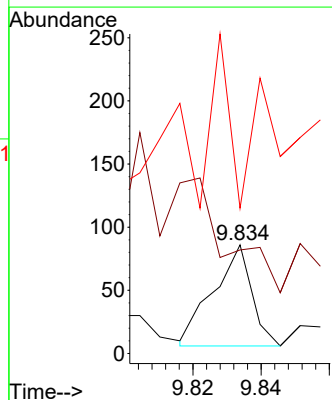
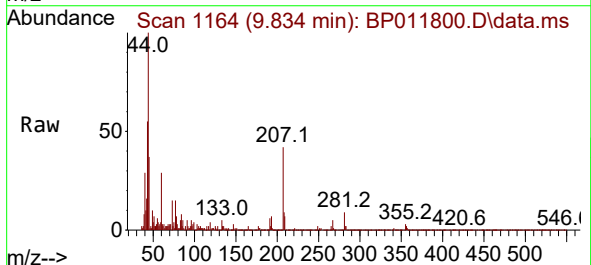
Delta R.T. -0.012 min

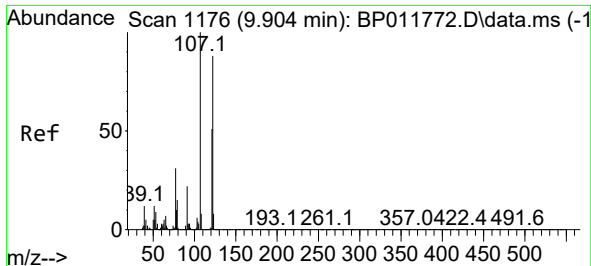
Lab File: BP011800.D

Acq: 26 Sep 2022 17:02

Tgt Ion:139 Resp: 63

Ion	Ratio	Lower	Upper
139	100		
109	95.3	22.6	34.0#
65	133.7	44.7	67.1#





#27

2,4-Dimethylphenol

Concen: 3.267 ng

RT: 9.899 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BP011800.D

Acq: 26 Sep 2022 17:02

Instrument :

BNA_P

ClientSampleId :

250FERRYBLVD-SOIL-1

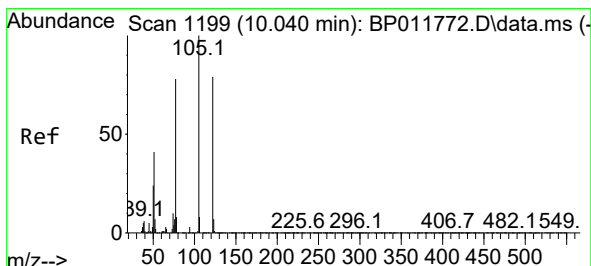
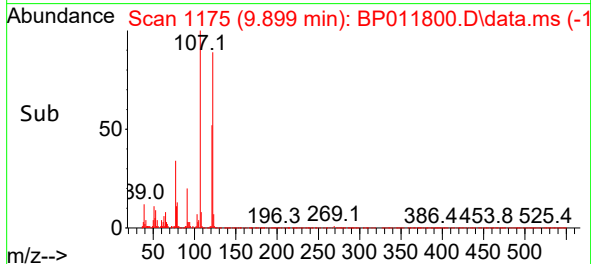
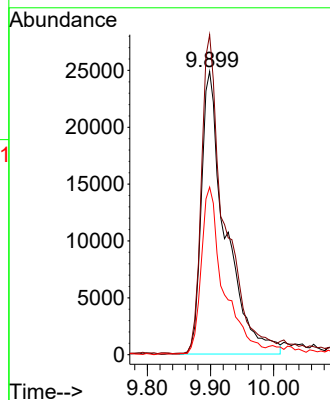
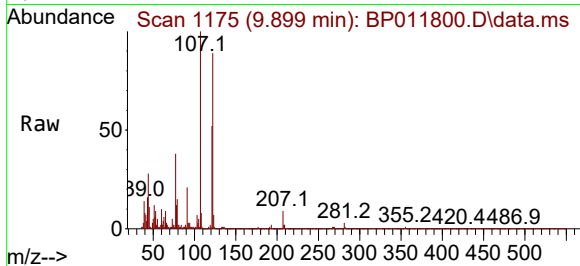
Tgt Ion:122 Resp: 65631

Ion Ratio Lower Upper

122 100

107 113.0 91.2 136.8

121 59.1 46.8 70.2



#32

Benzoic acid

Concen: 7.241 ng

RT: 10.151 min Scan# 1218

Delta R.T. 0.111 min

Lab File: BP011800.D

Acq: 26 Sep 2022 17:02

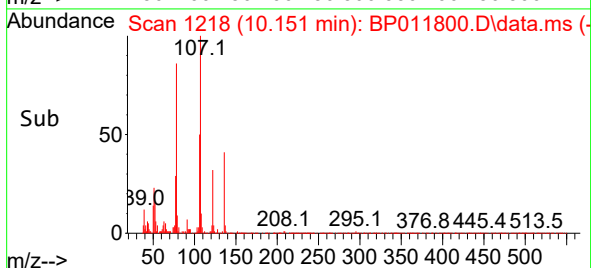
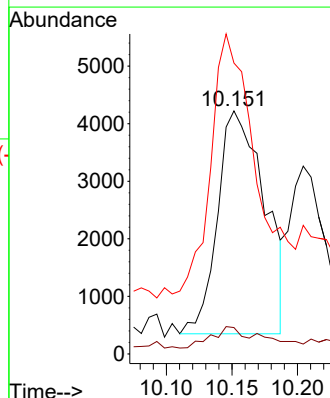
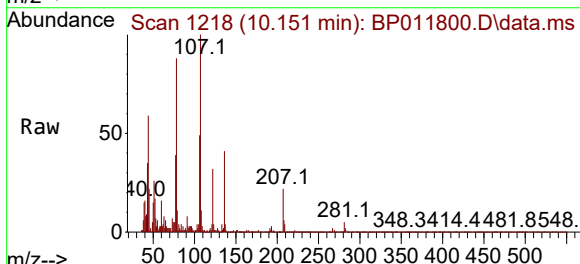
Tgt Ion:122 Resp: 9668

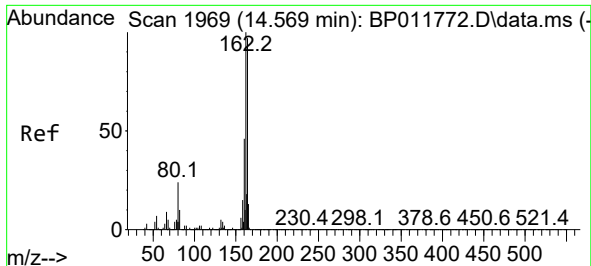
Ion Ratio Lower Upper

122 100

105 10.9 101.0 141.0#

77 119.7 75.9 115.9#

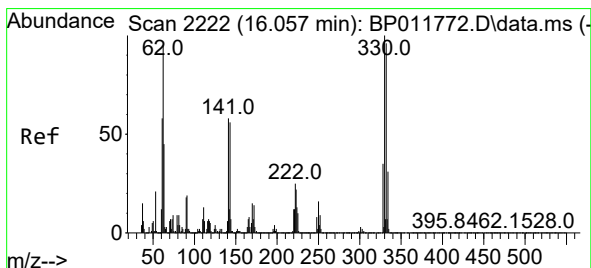
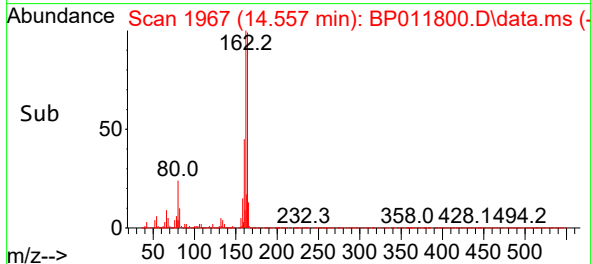
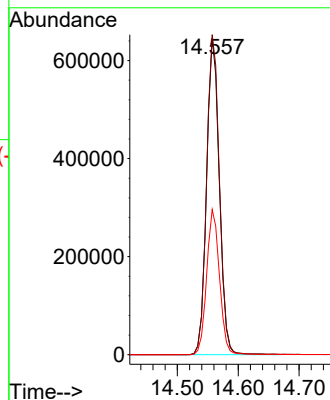
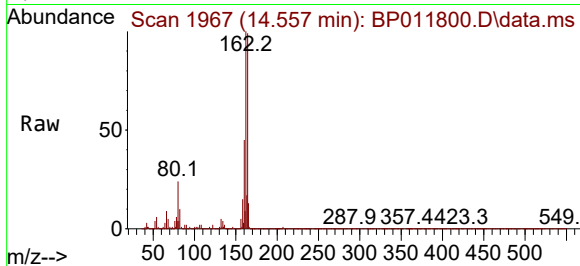




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BP011800.D
Acq: 26 Sep 2022 17:02

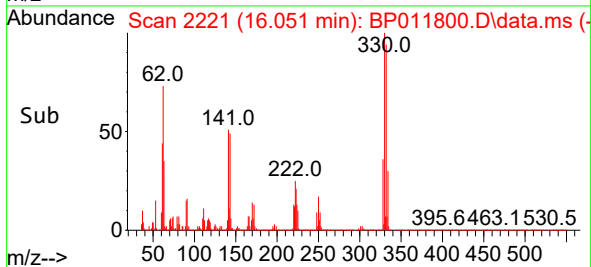
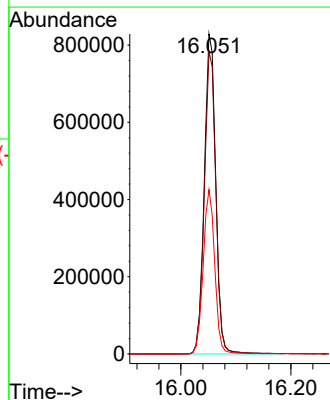
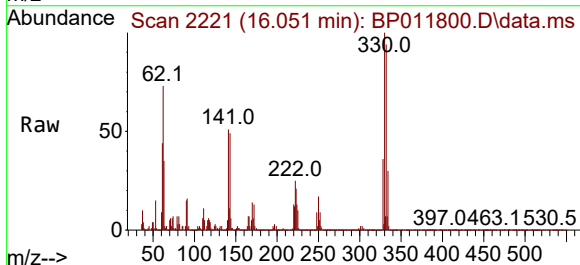
Instrument :
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250FERRYBLVD-SOIL-1

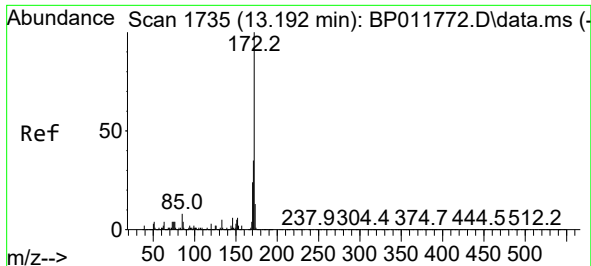
Tgt Ion:164 Resp: 937217
Ion Ratio Lower Upper
164 100
162 100.9 82.5 123.7
160 45.8 37.8 56.6



#42
2,4,6-Tribromophenol
Concen: 190.213 ng
RT: 16.051 min Scan# 2221
Delta R.T. -0.006 min
Lab File: BP011800.D
Acq: 26 Sep 2022 17:02

Tgt Ion:330 Resp: 1200380
Ion Ratio Lower Upper
330 100
332 95.0 76.6 114.8
141 52.0 48.7 73.1

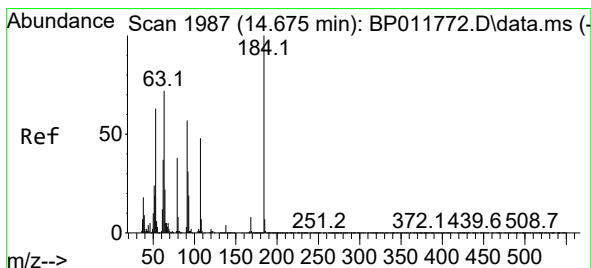
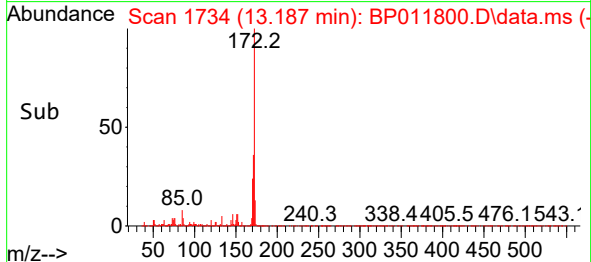
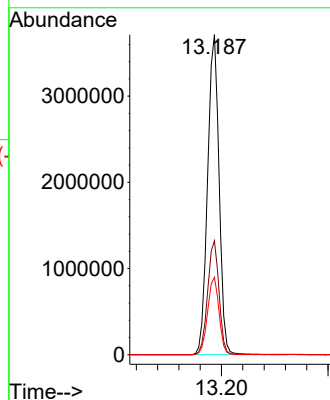
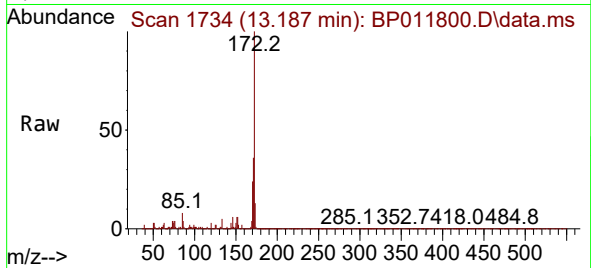




#45
2-Fluorobiphenyl
Concen: 93.567 ng
RT: 13.187 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BP011800.D
Acq: 26 Sep 2022 17:02

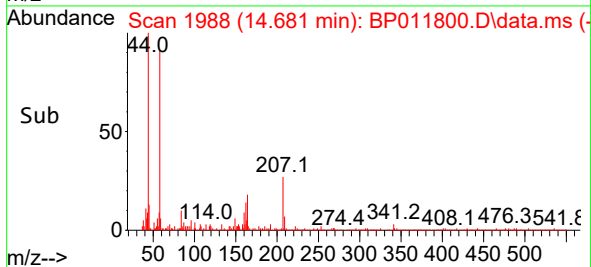
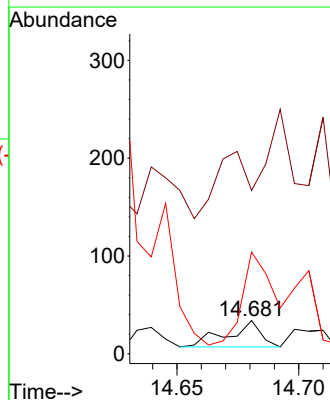
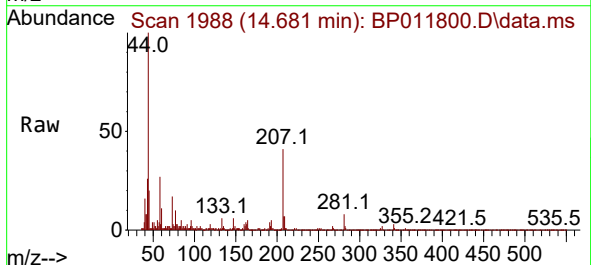
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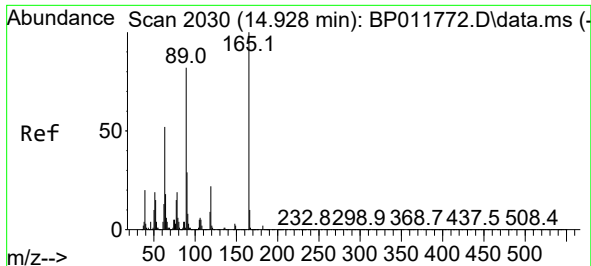
Tgt Ion:172 Resp: 5545304
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 24.2 19.5 29.3



#54
2,4-Dinitrophenol
Concen: 6.729 ng
RT: 14.681 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BP011800.D
Acq: 26 Sep 2022 17:02

Tgt Ion:184 Resp: 25
Ion Ratio Lower Upper
184 100
63 491.2 65.7 98.5#
154 305.9 48.2 72.4#

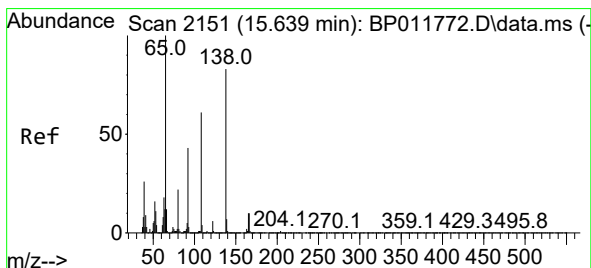
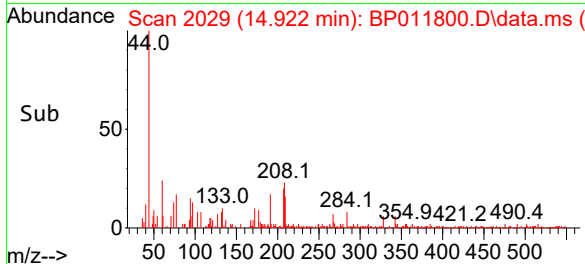
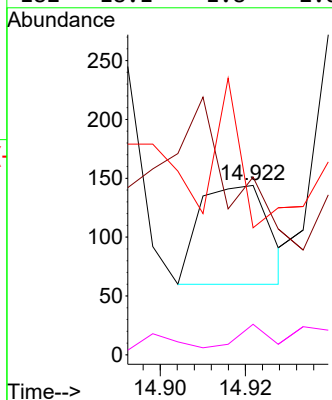
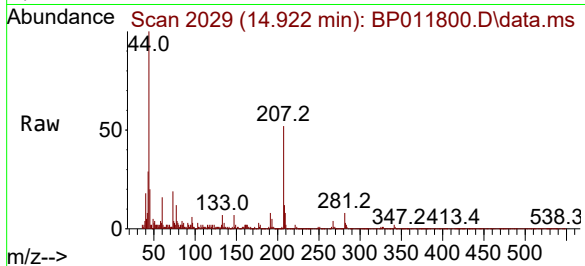




#57
2,4-Dinitrotoluene
Concen: 2.543 ng
RT: 14.922 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BP011800.D
Acq: 26 Sep 2022 17:02

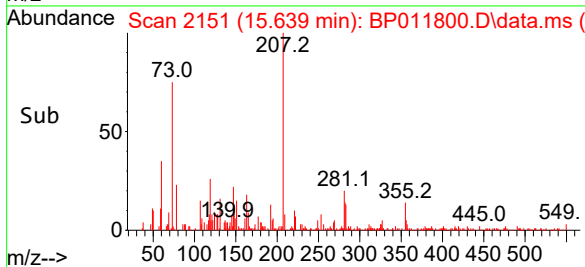
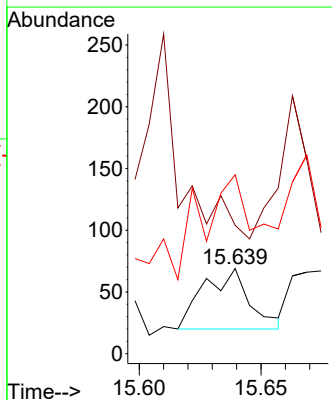
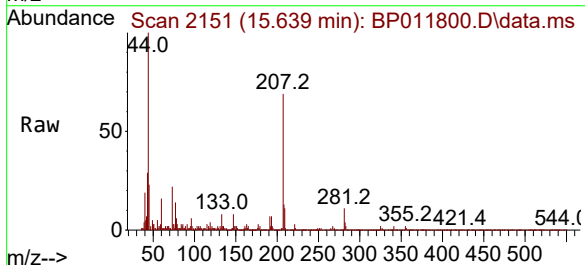
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1

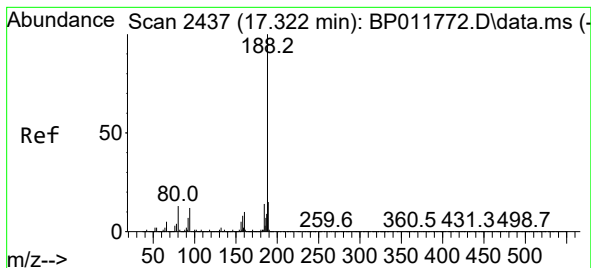
Tgt Ion:165 Resp: 96
Ion Ratio Lower Upper
165 100
63 104.9 41.4 62.2#
89 75.0 66.0 99.0
182 18.1 1.8 2.8#



#62
4-Nitroaniline
Concen: 2.389 ng
RT: 15.639 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BP011800.D
Acq: 26 Sep 2022 17:02

Tgt Ion:138 Resp: 64
Ion Ratio Lower Upper
138 100
92 150.7 31.9 71.9#
108 210.1 53.3 93.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.316 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BP011800.D

Acq: 26 Sep 2022 17:02

Instrument :

BNA_P

ClientSampleId :

250FERRYBLVD-SOIL-1

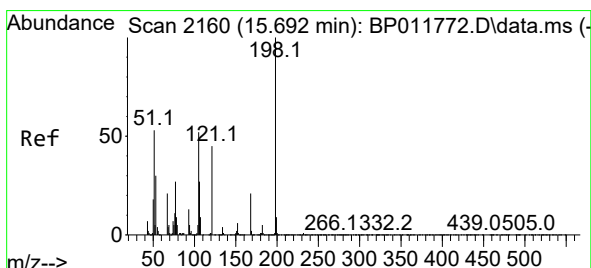
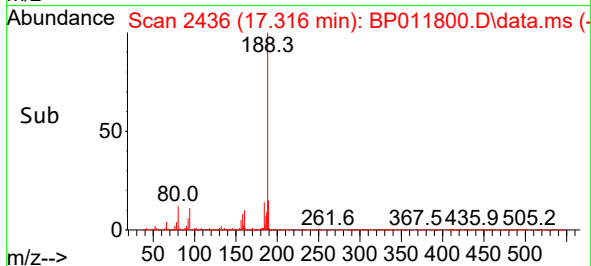
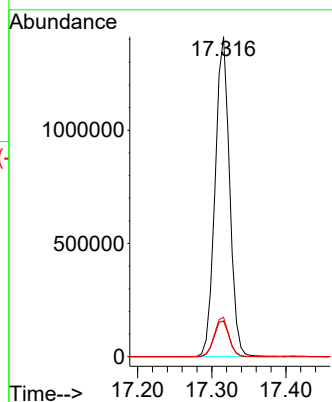
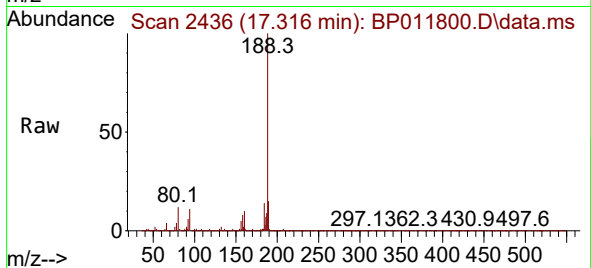
Tgt Ion:188 Resp: 1918284

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.0

80 12.3 10.6 15.8



#65

4,6-Dinitro-2-methylphenol

Concen: 5.623 ng

RT: 15.686 min Scan# 2159

Delta R.T. -0.006 min

Lab File: BP011800.D

Acq: 26 Sep 2022 17:02

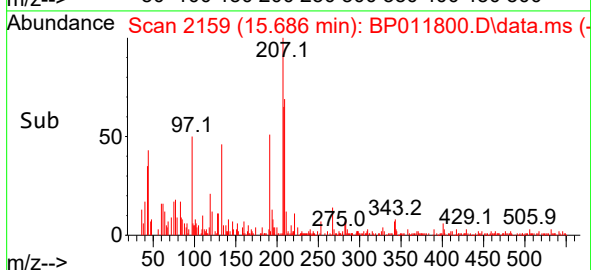
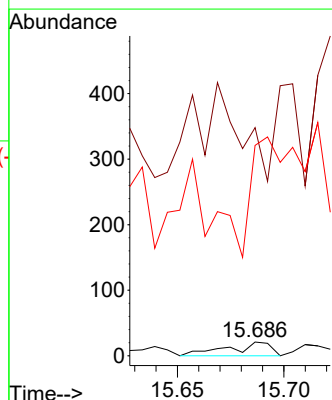
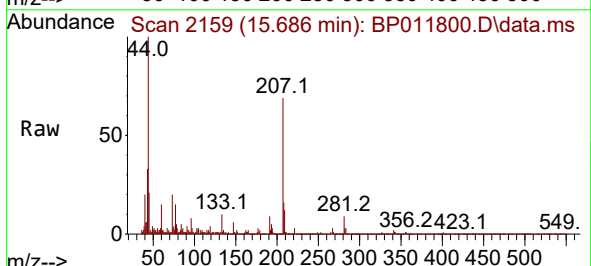
Tgt Ion:198 Resp: 29

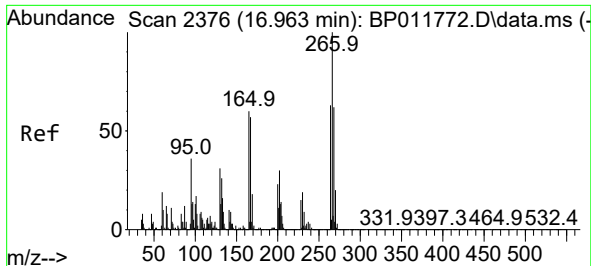
Ion Ratio Lower Upper

198 100

51 1657.1 41.6 81.6#

105 1528.6 33.2 73.2#

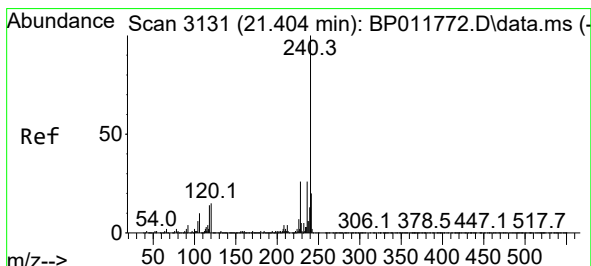
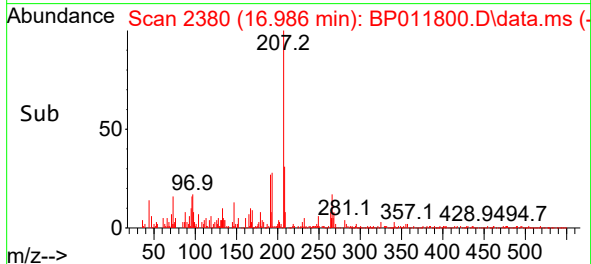
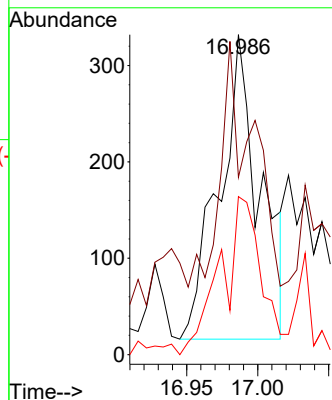
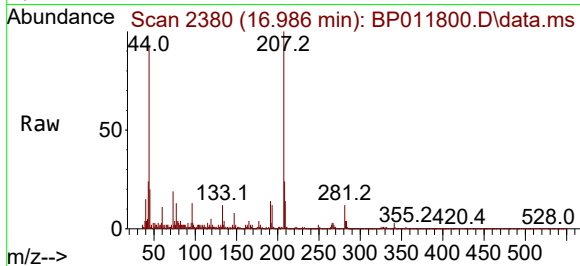




#70
Pentachlorophenol
Concen: 4.434 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.023 min
Lab File: BP011800.D
Acq: 26 Sep 2022 17:02

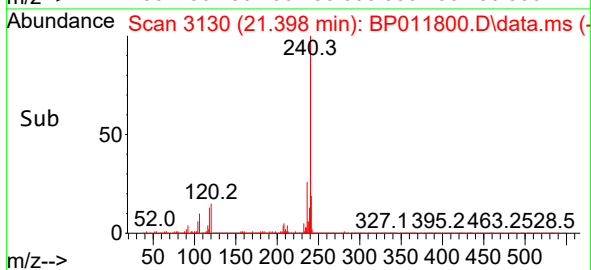
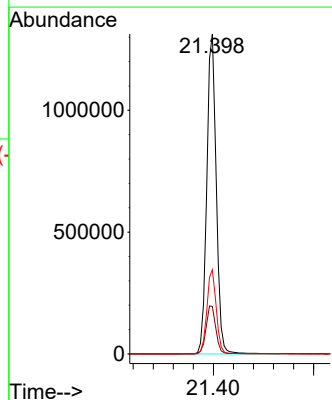
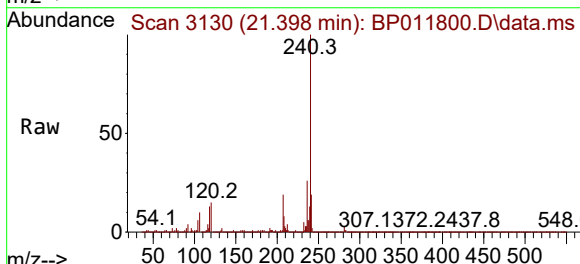
Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1

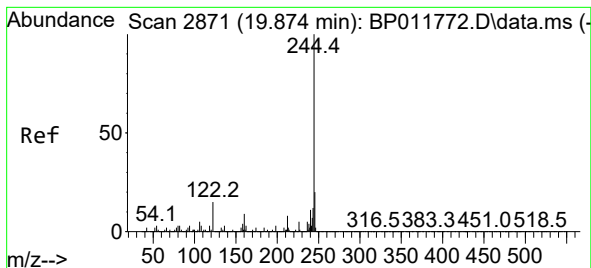
Tgt Ion:266 Resp: 631
Ion Ratio Lower Upper
266 100
268 55.4 49.7 74.5
264 49.4 50.6 75.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BP011800.D
Acq: 26 Sep 2022 17:02

Tgt Ion:240 Resp: 1721090
Ion Ratio Lower Upper
240 100
120 14.8 12.0 18.0
236 26.3 21.1 31.7





#79

Terphenyl-d14

Concen: 106.813 ng

RT: 19.869 min Scan# 2871

Delta R.T. -0.006 min

Lab File: BP011800.D

Acq: 26 Sep 2022 17:02

Instrument :

BNA_P

ClientSampleId :

250FERRYBLVD-SOIL-1

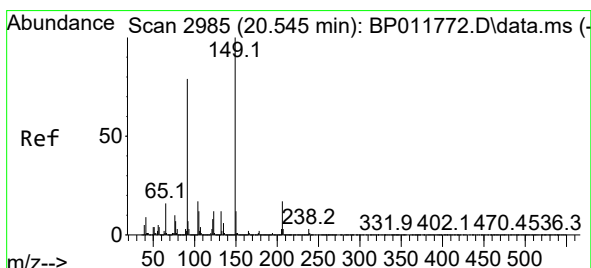
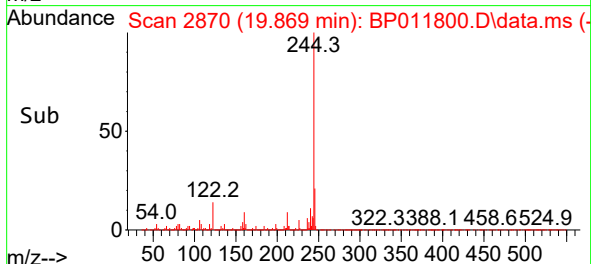
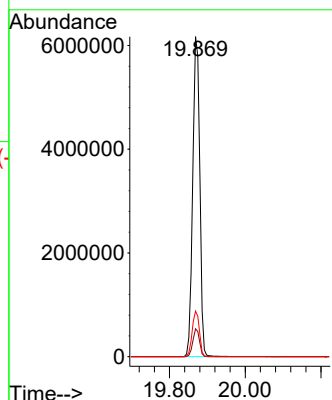
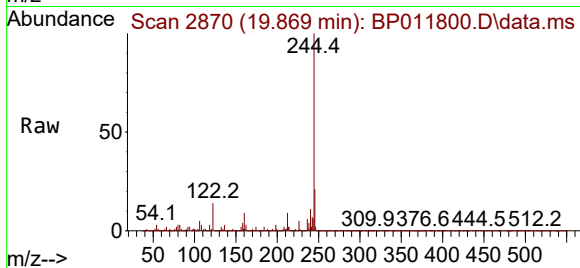
Tgt Ion:244 Resp: 7995146

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

122 14.2 11.8 17.8



#80

Butylbenzylphthalate

Concen: 2.692 ng

RT: 20.539 min Scan# 2984

Delta R.T. -0.006 min

Lab File: BP011800.D

Acq: 26 Sep 2022 17:02

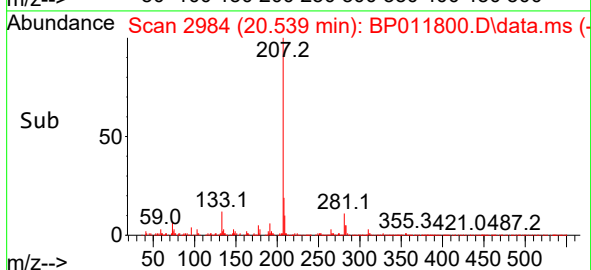
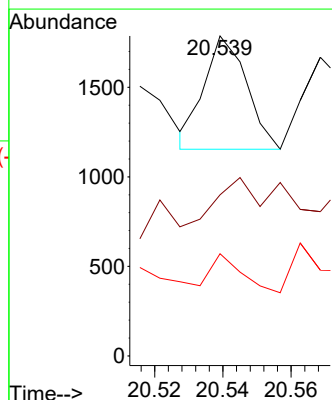
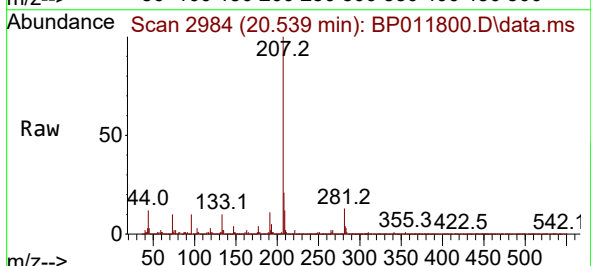
Tgt Ion:149 Resp: 546

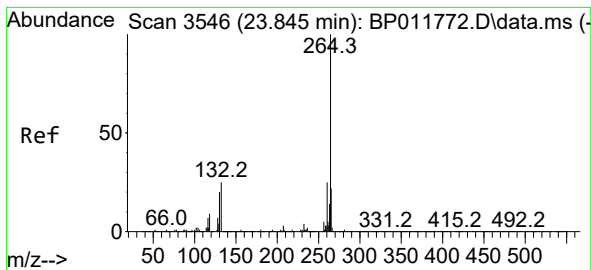
Ion Ratio Lower Upper

149 100

91 50.4 63.1 94.7#

206 32.0 13.6 20.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.845 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP011800.D
Acq: 26 Sep 2022 17:02

Instrument :
BNA_P
ClientSampleId :
250FERRYBLVD-SOIL-1

Tgt Ion:264 Resp: 1639653

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	22.3	17.8	26.8

