

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122921\
 Data File : BP008595.D
 Acq On : 29 Dec 2021 14:58
 Operator : CG/JU
 Sample : M5208-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WP-SOIL-1

Quant Time: Dec 29 15:45:45 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 29 13:29:13 2021
 Response via : Initial Calibration

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

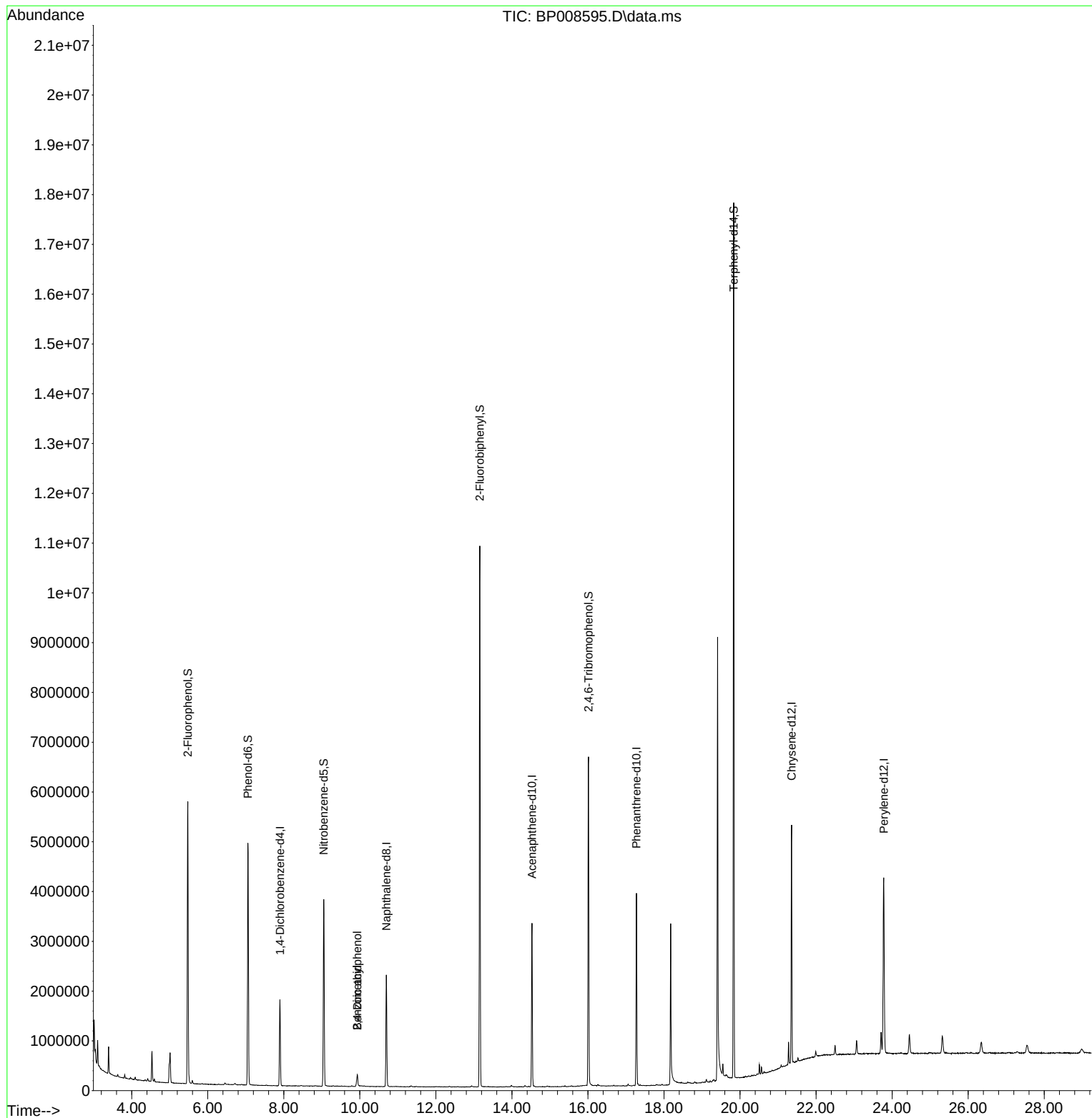
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	533700	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	1949269	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	1190660	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	2334064	20.000	ng	0.00
76) Chrysene-d12	21.357	240	2373610	20.000	ng	0.00
86) Perylene-d12	23.780	264	2794983	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2886857	98.731	ng	0.00
7) Phenol-d6	7.058	99	3145384	77.285	ng	0.00
23) Nitrobenzene-d5	9.052	82	2276043	69.461	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	1461799	90.743	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	6070696	77.022	ng	0.00
79) Terphenyl-d14	19.833	244	8503959	82.652	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.934	122	119563	4.470	ng	# 5
32) Benzoic acid	9.934	122	119563	7.112	ng	98

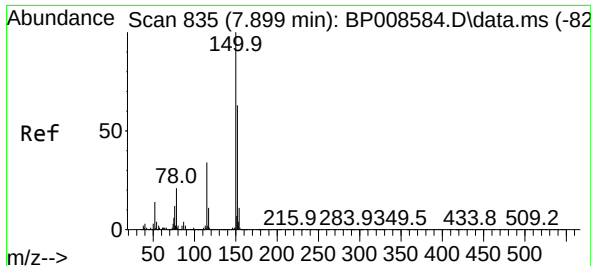
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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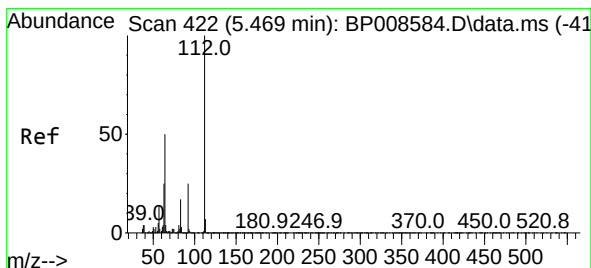
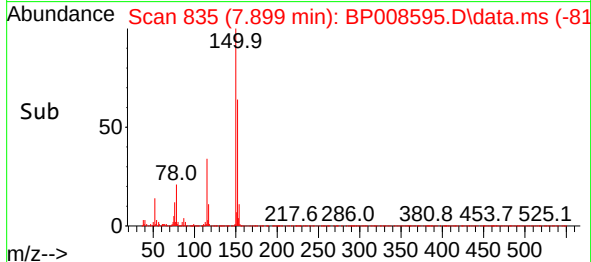
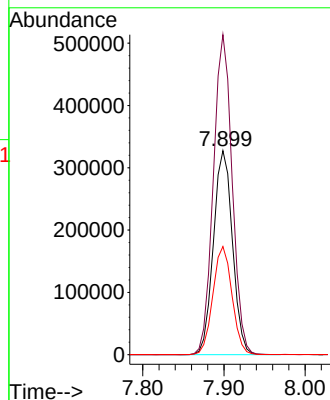
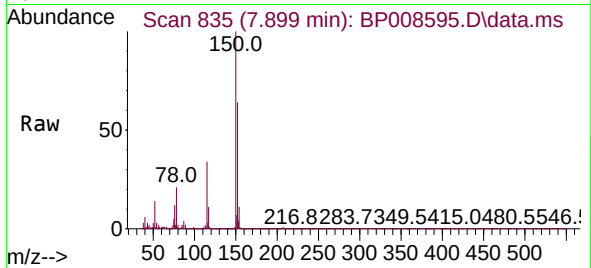




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.899 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP008595.D
 Acq: 29 Dec 2021 14:58

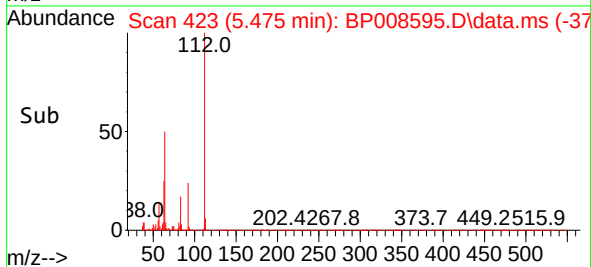
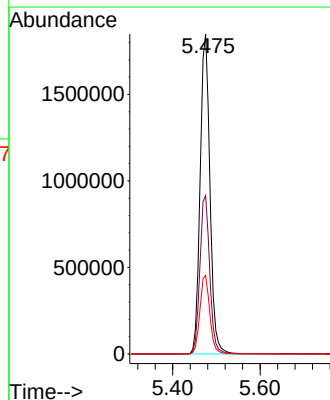
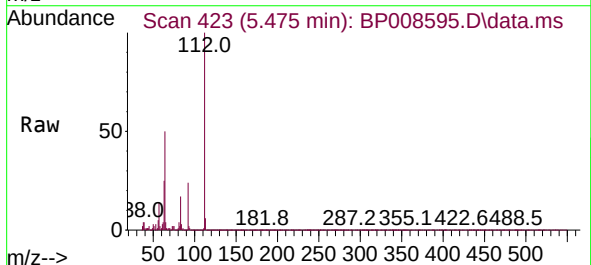
Instrument :
 BNA_P
 ClientSampleId :
 WP-SOIL-1

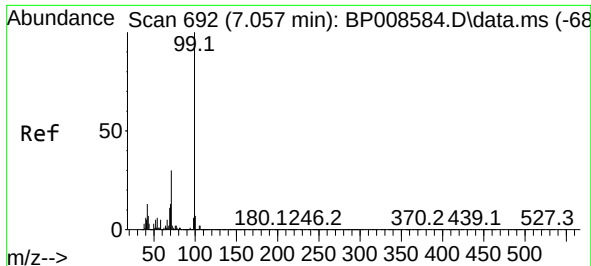
Tgt Ion:152 Resp: 533700
 Ion Ratio Lower Upper
 152 100
 150 156.8 127.0 190.6
 115 53.0 43.7 65.5



#5
 2-Fluorophenol
 Concen: 98.731 ng
 RT: 5.475 min Scan# 423
 Delta R.T. 0.006 min
 Lab File: BP008595.D
 Acq: 29 Dec 2021 14:58

Tgt Ion:112 Resp: 2886857
 Ion Ratio Lower Upper
 112 100
 64 49.5 39.7 59.5
 63 24.5 20.0 30.0



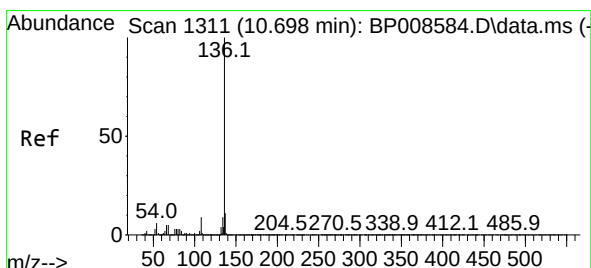
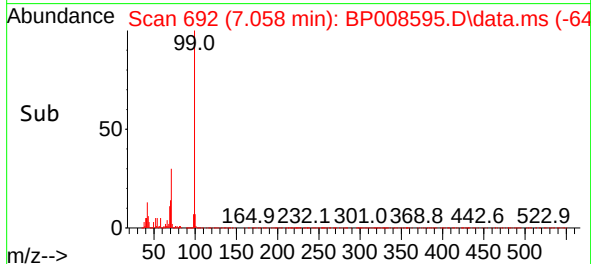
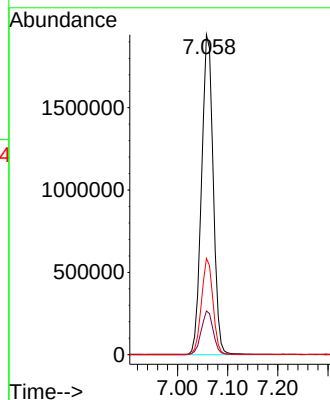
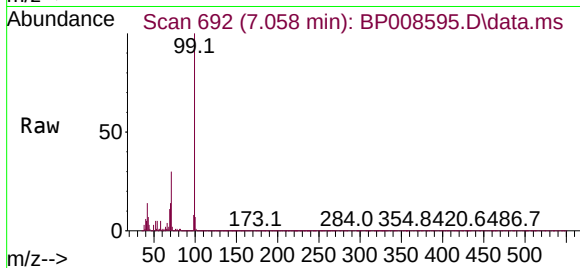


#7
Phenol-d6
Concen: 77.285 ng
RT: 7.058 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP008595.D
Acq: 29 Dec 2021 14:58

Instrument :
BNA_P
ClientSampleId :
WP-SOIL-1

Tgt Ion: 99 Resp: 3145384

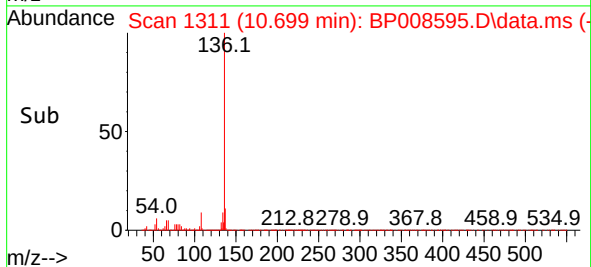
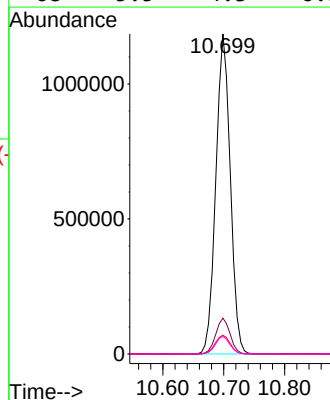
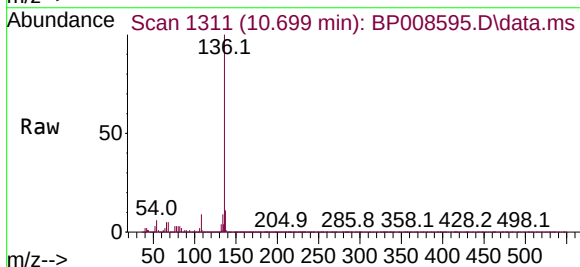
Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.8	16.2
71	30.1	23.8	35.6

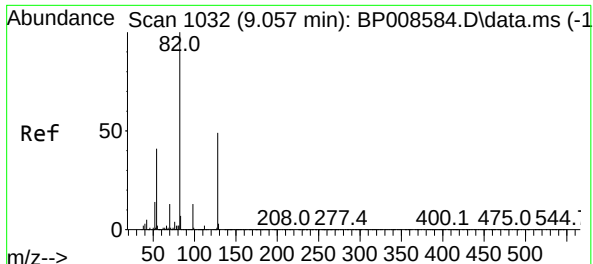


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BP008595.D
Acq: 29 Dec 2021 14:58

Tgt Ion: 136 Resp: 1949269

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	5.8	4.9	7.3
68	5.5	4.3	6.5





#23

Nitrobenzene-d5

Concen: 69.461 ng

RT: 9.052 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BP008595.D

Acq: 29 Dec 2021 14:58

Instrument :

BNA_P

ClientSampleId :

WP-SOIL-1

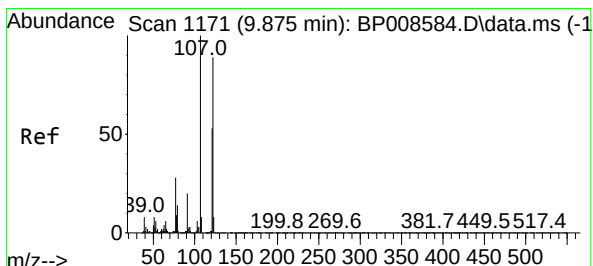
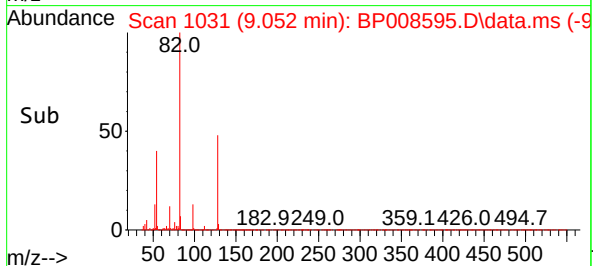
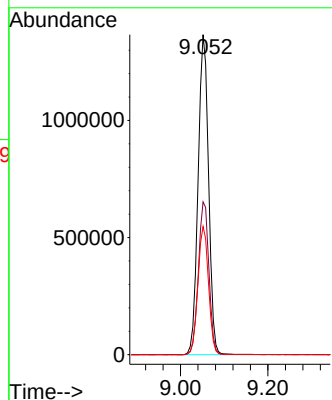
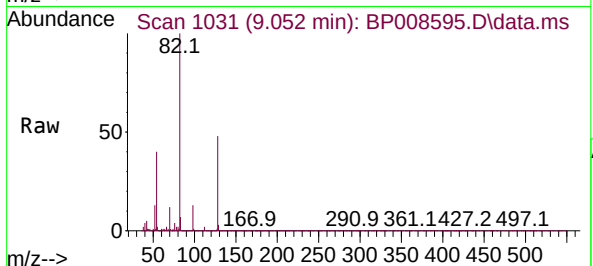
Tgt Ion: 82 Resp: 2276043

Ion Ratio Lower Upper

82 100

128 47.8 39.4 59.2

54 40.0 32.6 48.8



#27

2,4-Dimethylphenol

Concen: 4.470 ng

RT: 9.934 min Scan# 1181

Delta R.T. 0.059 min

Lab File: BP008595.D

Acq: 29 Dec 2021 14:58

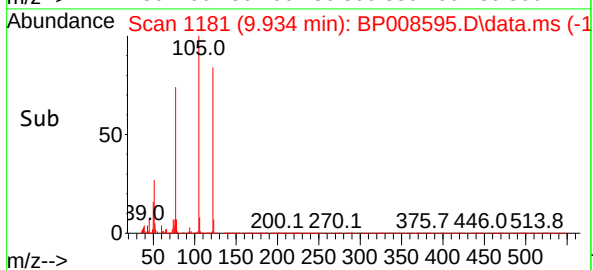
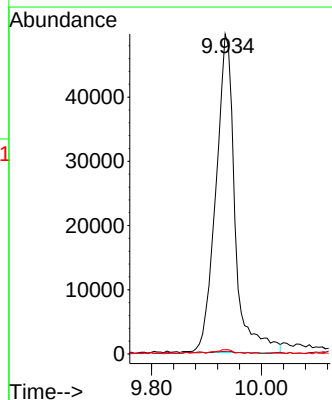
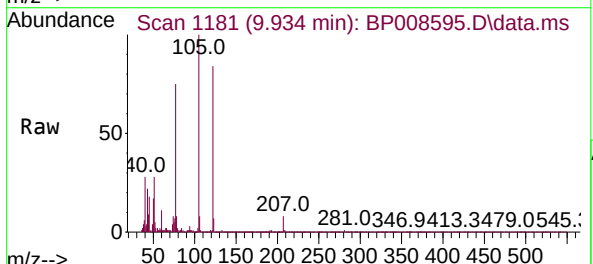
Tgt Ion: 122 Resp: 119563

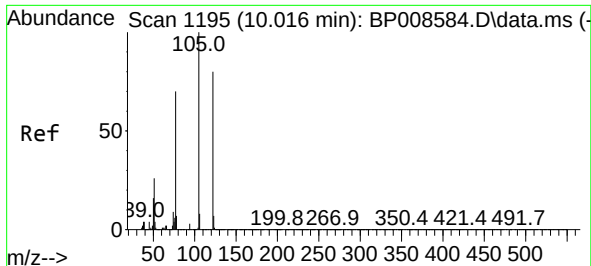
Ion Ratio Lower Upper

122 100

107 0.8 89.6 134.4#

121 1.4 47.8 71.8#

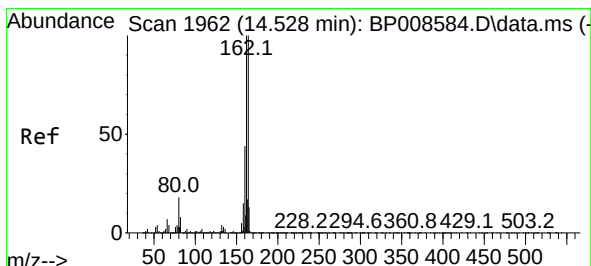
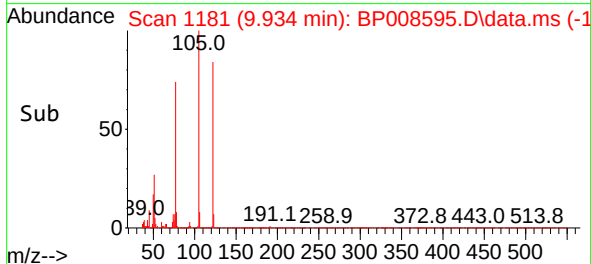
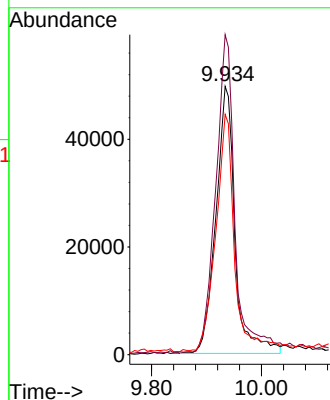
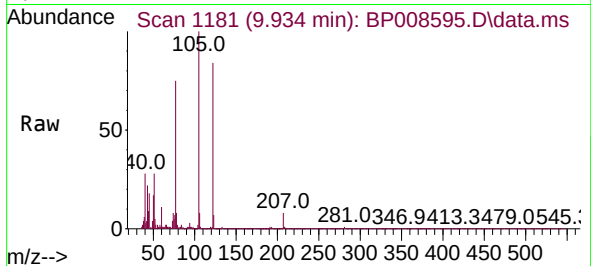




#32
Benzoic acid
Concen: 7.112 ng
RT: 9.934 min Scan# 1195
Delta R.T. -0.082 min
Lab File: BP008595.D
Acq: 29 Dec 2021 14:58

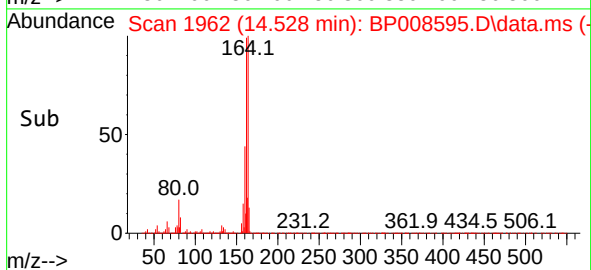
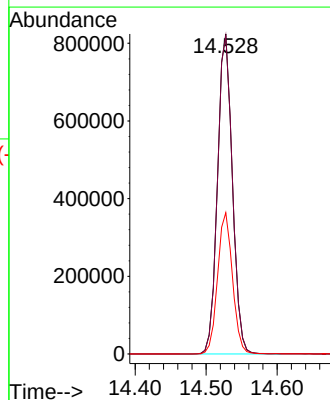
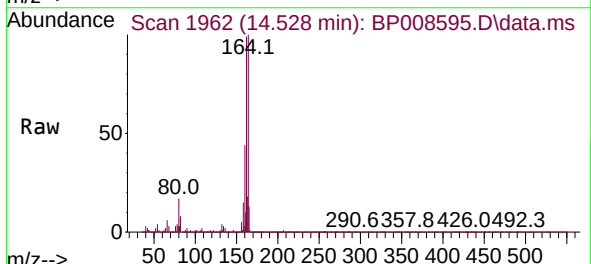
Instrument :
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WP-SOIL-1

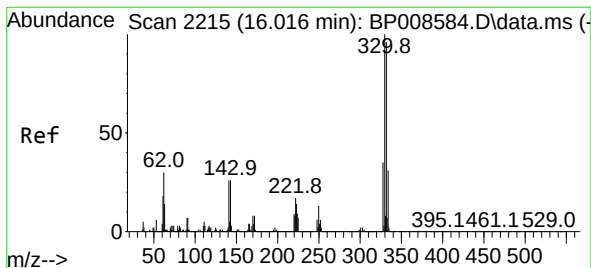
Tgt Ion:122 Resp: 119563
Ion Ratio Lower Upper
122 100
105 119.2 100.1 140.1
77 89.5 65.5 105.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1962
Delta R.T. 0.000 min
Lab File: BP008595.D
Acq: 29 Dec 2021 14:58

Tgt Ion:164 Resp: 1190660
Ion Ratio Lower Upper
164 100
162 99.4 79.9 119.9
160 44.2 35.5 53.3

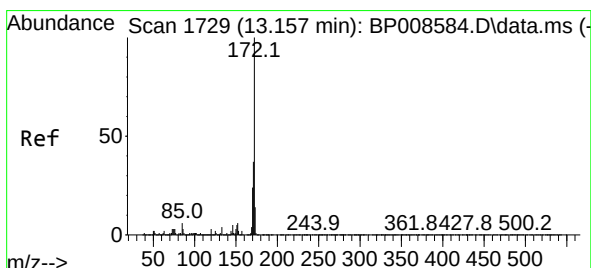
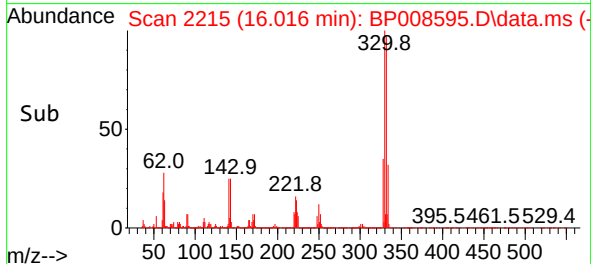
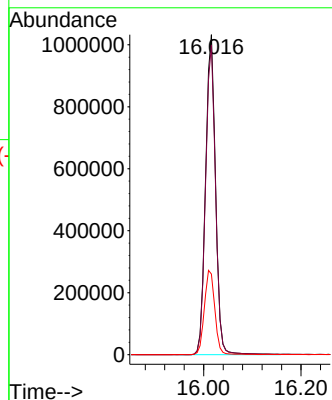
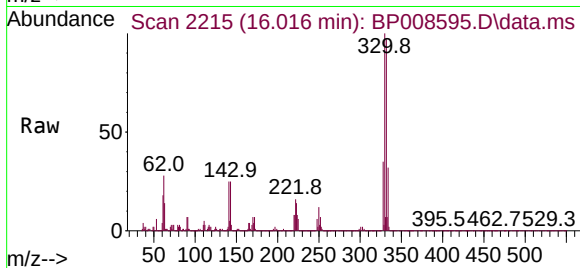




#42
2,4,6-Tribromophenol
Concen: 90.743 ng
RT: 16.016 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BP008595.D
Acq: 29 Dec 2021 14:58

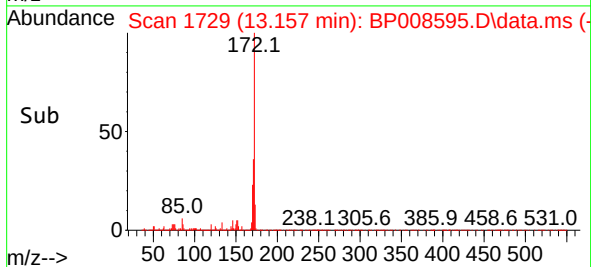
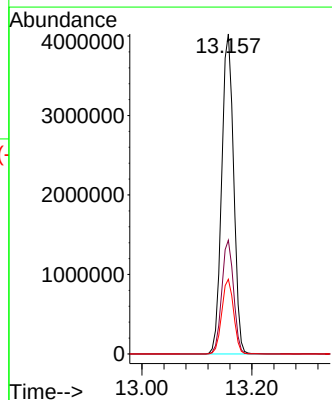
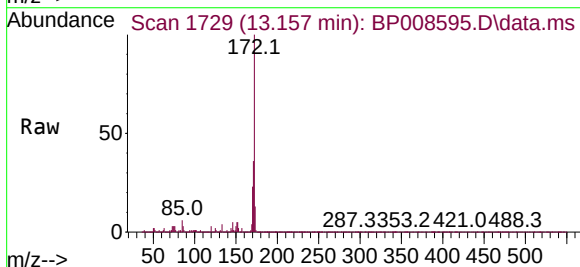
Instrument :
BNA_P
ClientSampleId :
WP-SOIL-1

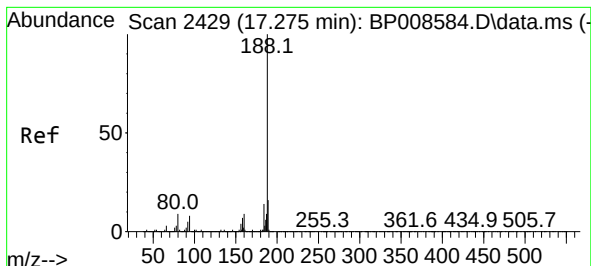
Tgt Ion:330 Resp: 1461799
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 27.7 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 77.022 ng
RT: 13.157 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BP008595.D
Acq: 29 Dec 2021 14:58

Tgt Ion:172 Resp: 6070696
Ion Ratio Lower Upper
172 100
171 35.5 29.3 43.9
170 23.4 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.275 min Scan# 2429

Delta R.T. -0.000 min

Lab File: BP008595.D

Acq: 29 Dec 2021 14:58

Instrument :

BNA_P

ClientSampleId :

WP-SOIL-1

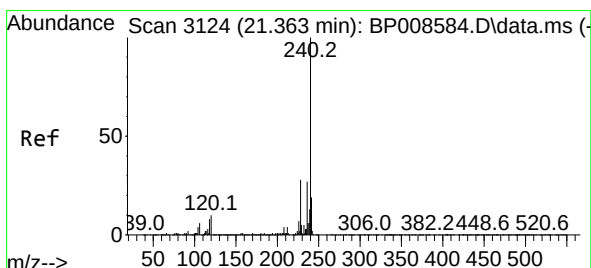
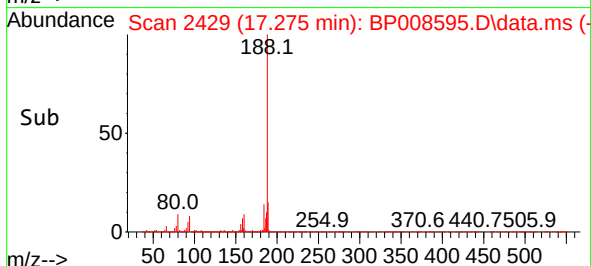
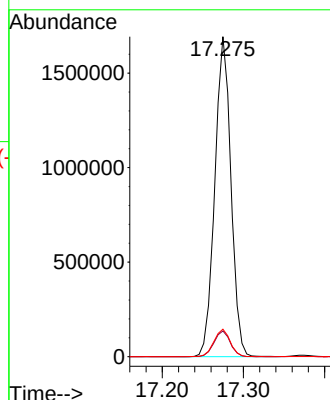
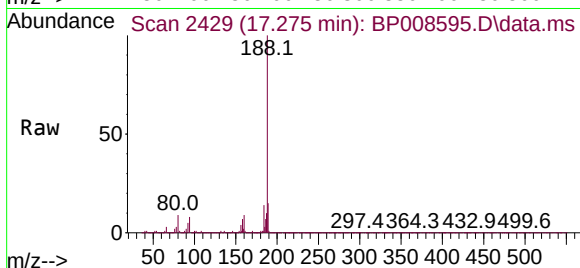
Tgt Ion:188 Resp: 2334064

Ion Ratio Lower Upper

188 100

94 8.0 6.8 10.2

80 8.6 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.357 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BP008595.D

Acq: 29 Dec 2021 14:58

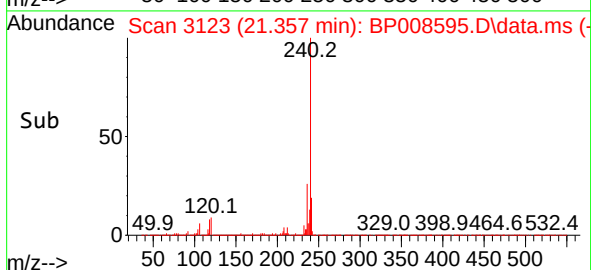
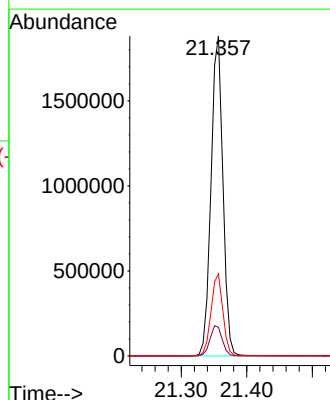
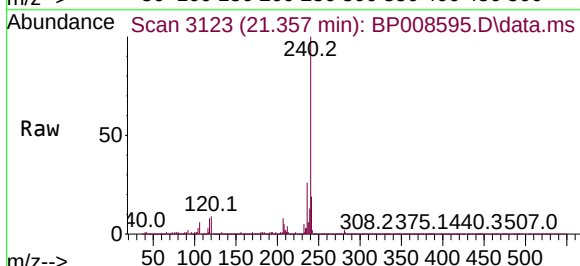
Tgt Ion:240 Resp: 2373610

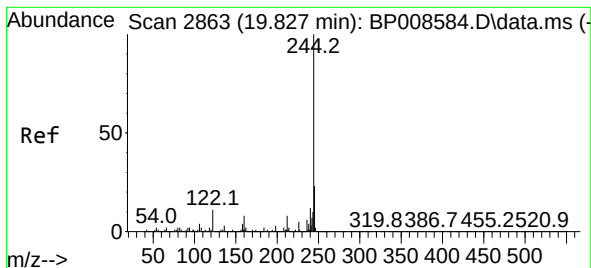
Ion Ratio Lower Upper

240 100

120 9.0 7.7 11.5

236 25.7 21.2 31.8





#79

Terphenyl-d14

Concen: 82.652 ng

RT: 19.833 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP008595.D

Acq: 29 Dec 2021 14:58

Instrument :

BNA_P

ClientSampleId :

WP-SOIL-1

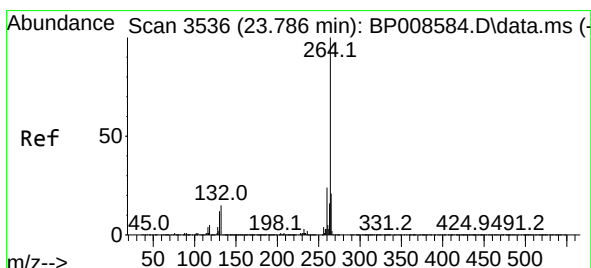
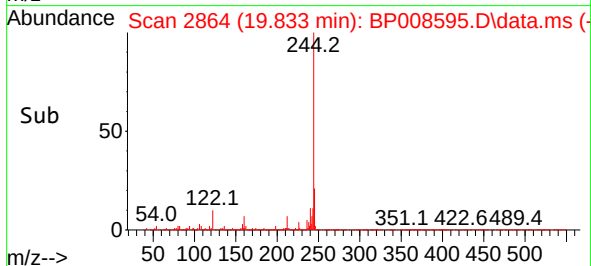
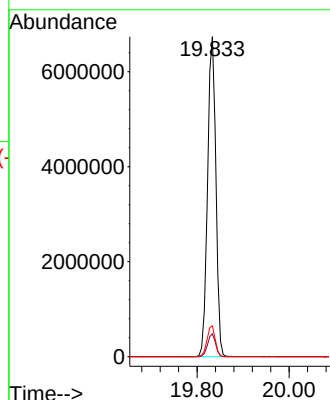
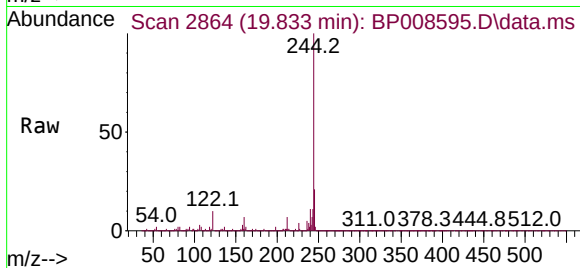
Tgt Ion:244 Resp: 8503959

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 9.6 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.780 min Scan# 3535

Delta R.T. -0.006 min

Lab File: BP008595.D

Acq: 29 Dec 2021 14:58

Tgt Ion:264 Resp: 2794983

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 22.0 17.1 25.7

