

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
 Data File : BP016468.D
 Acq On : 02 Aug 2023 14:41
 Operator : MA/JU
 Sample : 03849-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GROVE-SOIL-0731

Quant Time: Aug 02 21:44:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

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

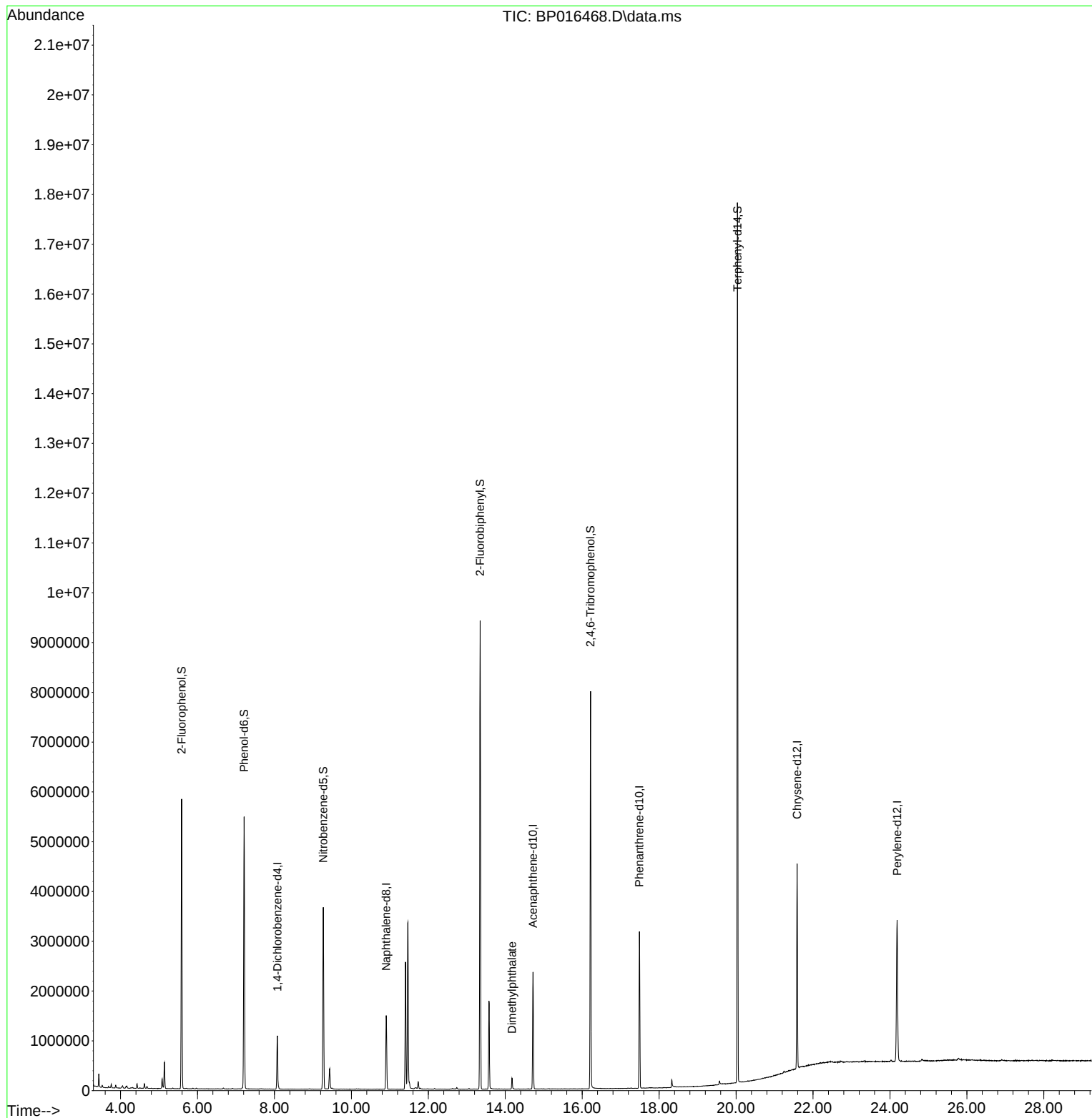
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	290662	20.000	ng	-0.02
21) Naphthalene-d8	10.905	136	1214266	20.000	ng	-0.02
39) Acenaphthene-d10	14.722	164	756337	20.000	ng	-0.01
64) Phenanthrene-d10	17.487	188	1819710	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	1903949	20.000	ng	0.00
86) Perylene-d12	24.186	264	2196206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2579612	144.787	ng	-0.02
7) Phenol-d6	7.211	99	3223795	132.011	ng	-0.02
23) Nitrobenzene-d5	9.269	82	2100862	96.851	ng	-0.02
42) 2,4,6-Tribromophenol	16.216	330	1452353	130.527	ng	-0.01
45) 2-Fluorobiphenyl	13.346	172	4773216	90.479	ng	-0.02
79) Terphenyl-d14	20.039	244	8588759	95.292	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.175	163	137878	2.339	ng	Qvalue 99

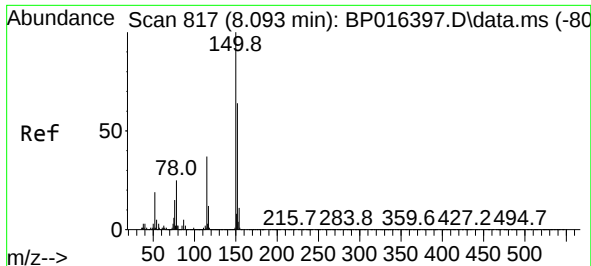
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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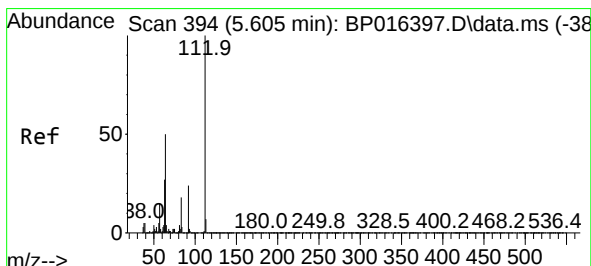
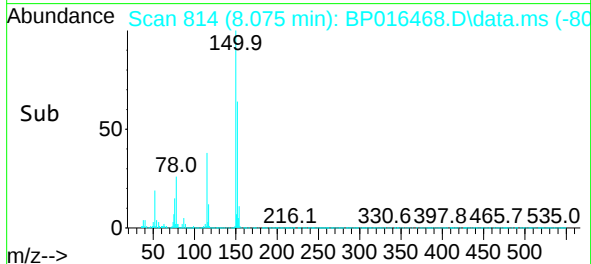
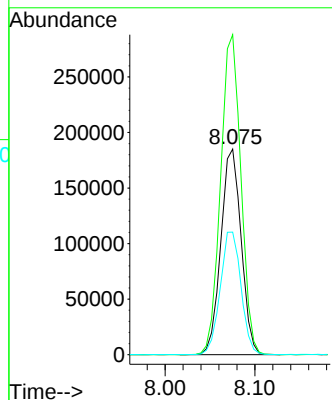
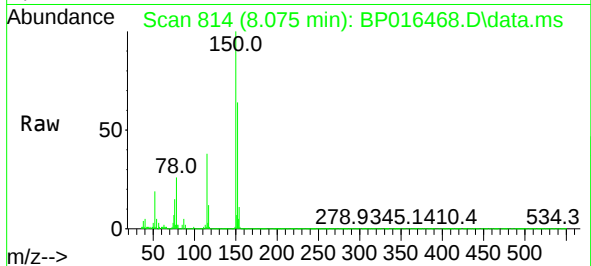




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016468.D
Acq: 02 Aug 2023 14:41

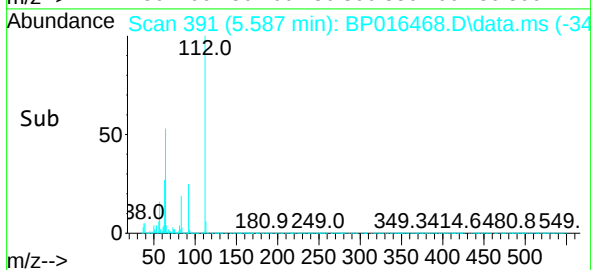
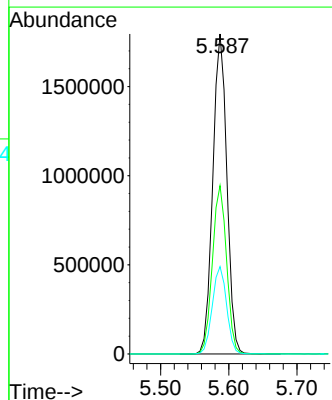
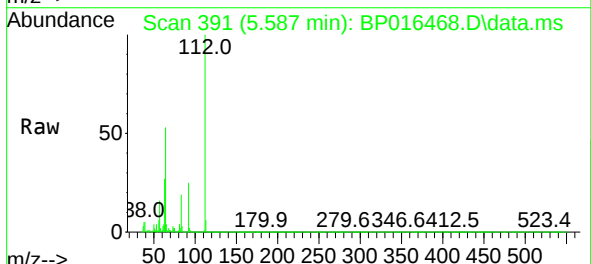
Instrument :
BNA_P
ClientSampleId :
GROVE-SOIL-0731

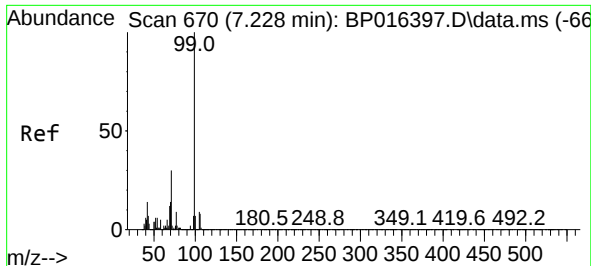
Tgt Ion:152 Resp: 290662
Ion Ratio Lower Upper
152 100
150 155.6 124.9 187.3
115 59.6 46.8 70.2



#5
2-Fluorophenol
Concen: 144.787 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016468.D
Acq: 02 Aug 2023 14:41

Tgt Ion:112 Resp: 2579612
Ion Ratio Lower Upper
112 100
64 52.6 40.0 60.0
63 27.3 21.2 31.8

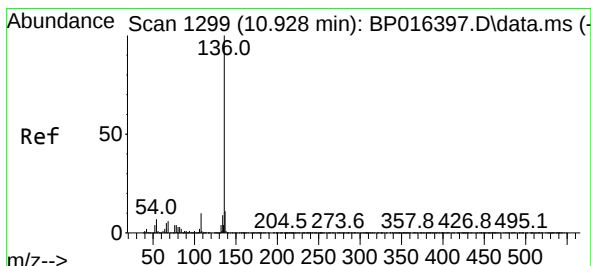
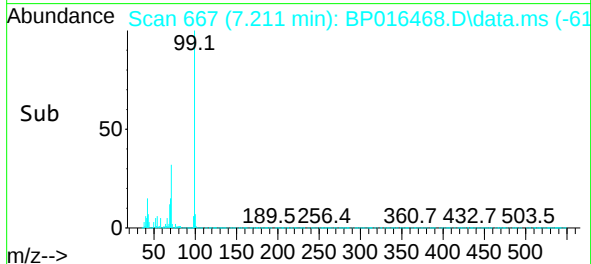
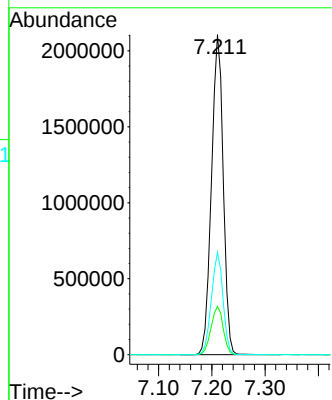
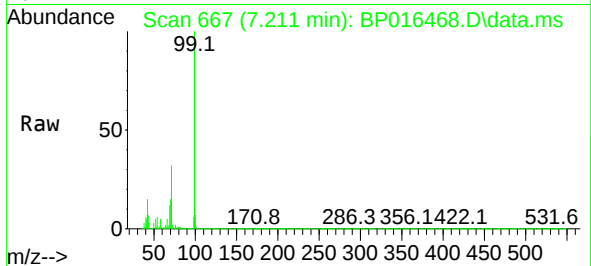




#7
Phenol-d6
Concen: 132.011 ng
RT: 7.211 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP016468.D
Acq: 02 Aug 2023 14:41

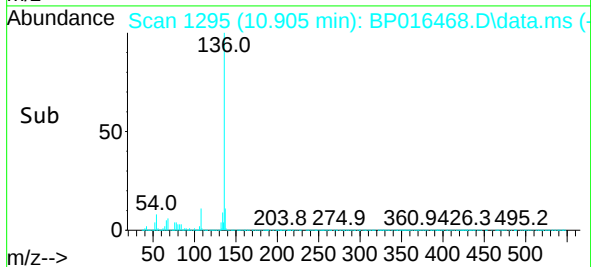
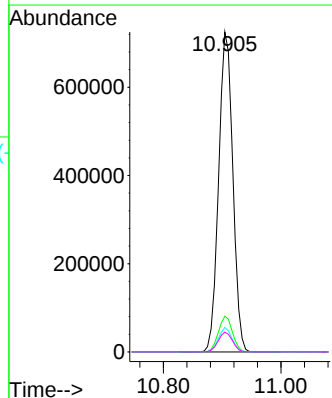
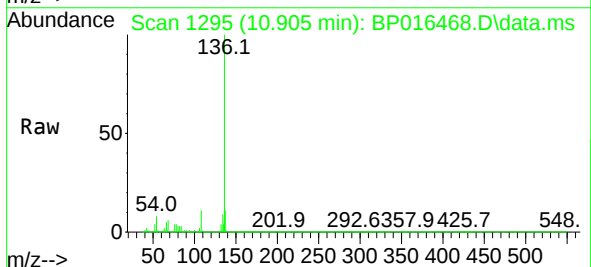
Instrument :
BNA_P
ClientSampleId :
GROVE-SOIL-0731

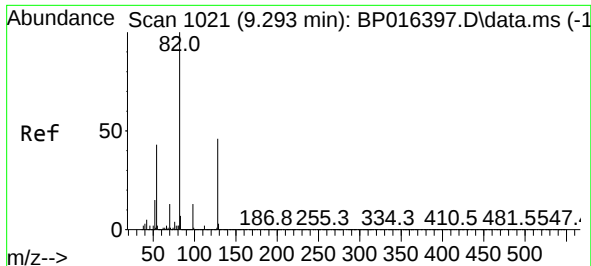
Tgt Ion: 99 Resp: 3223795
Ion Ratio Lower Upper
99 100
42 15.1 11.6 17.4
71 32.0 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.905 min Scan# 1295
Delta R.T. -0.024 min
Lab File: BP016468.D
Acq: 02 Aug 2023 14:41

Tgt Ion:136 Resp: 1214266
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.7 5.6 8.4
68 6.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 96.851 ng

RT: 9.269 min Scan# 1021

Delta R.T. -0.024 min

Lab File: BP016468.D

Acq: 02 Aug 2023 14:41

Instrument :

BNA_P

ClientSampleId :

GROVE-SOIL-0731

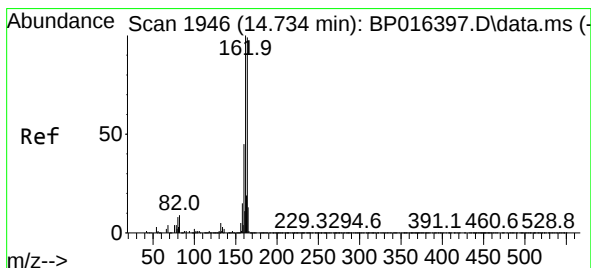
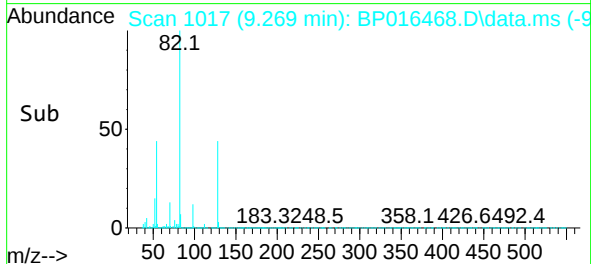
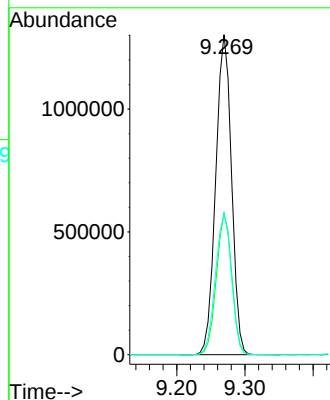
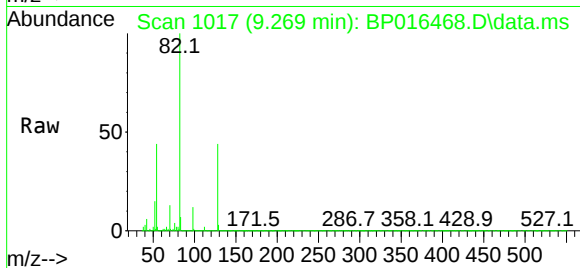
Tgt Ion: 82 Resp: 2100862

Ion Ratio Lower Upper

82 100

128 44.3 36.6 55.0

54 43.9 34.5 51.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.722 min Scan# 1944

Delta R.T. -0.012 min

Lab File: BP016468.D

Acq: 02 Aug 2023 14:41

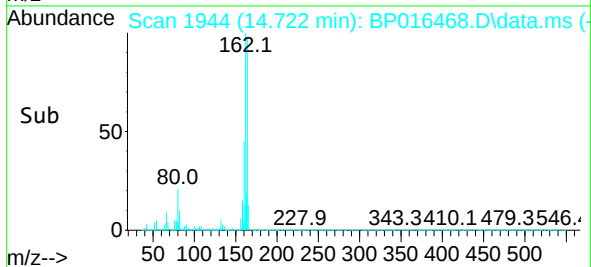
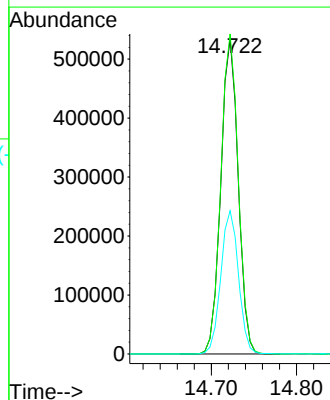
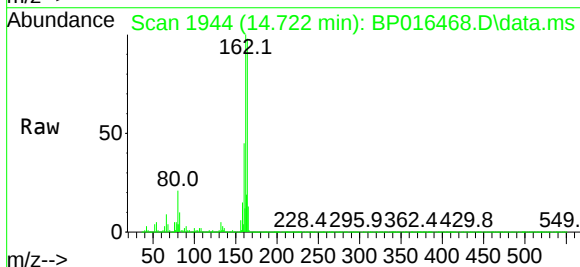
Tgt Ion:164 Resp: 756337

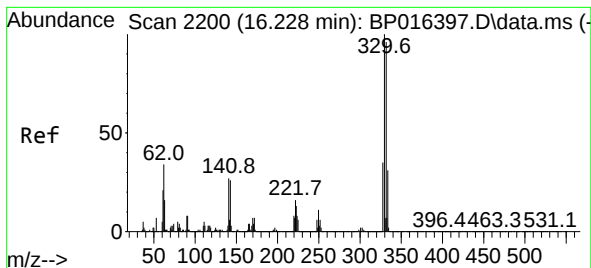
Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.6

160 45.5 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 130.527 ng

RT: 16.216 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016468.D

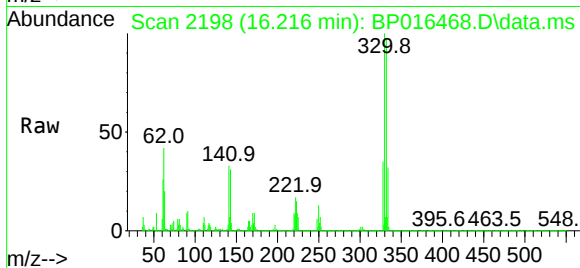
Acq: 02 Aug 2023 14:41

Instrument :

BNA_P

ClientSampleId :

GROVE-SOIL-0731



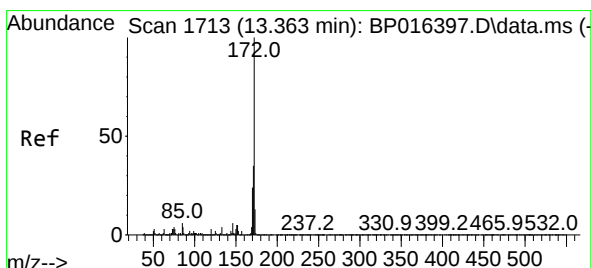
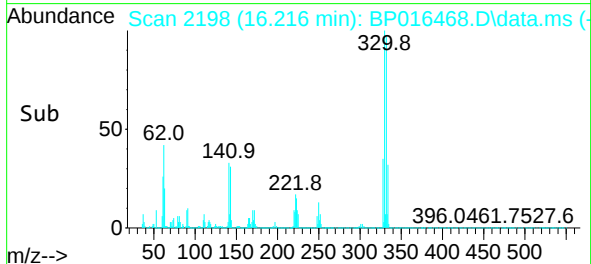
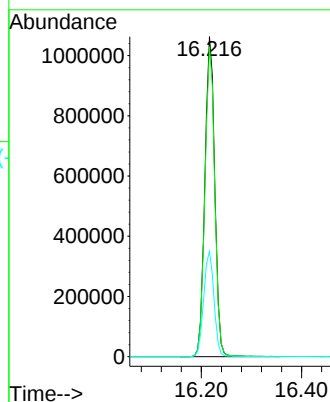
Tgt Ion:330 Resp: 1452353

Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.8

141 34.5 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 90.479 ng

RT: 13.346 min Scan# 1710

Delta R.T. -0.018 min

Lab File: BP016468.D

Acq: 02 Aug 2023 14:41

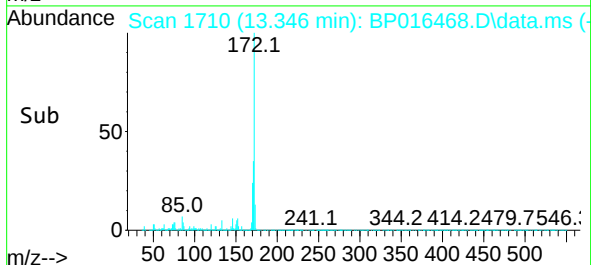
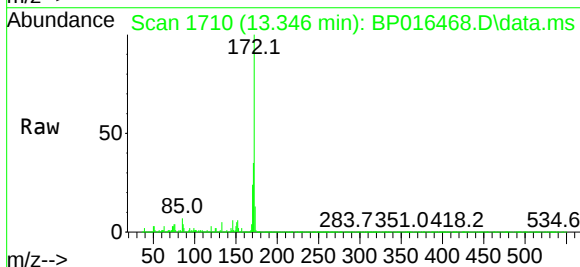
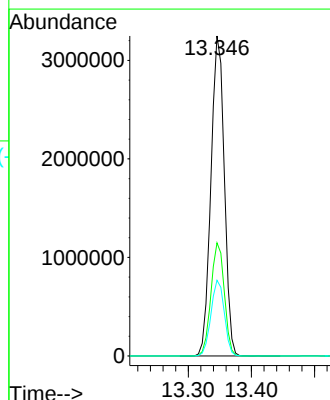
Tgt Ion:172 Resp: 4773216

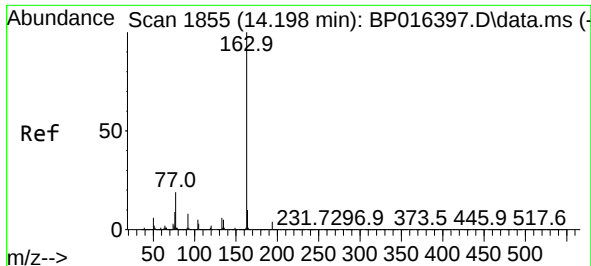
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.6 19.1 28.7

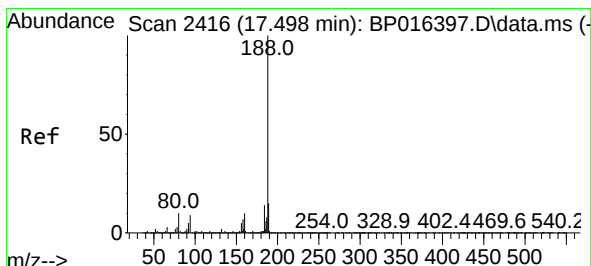
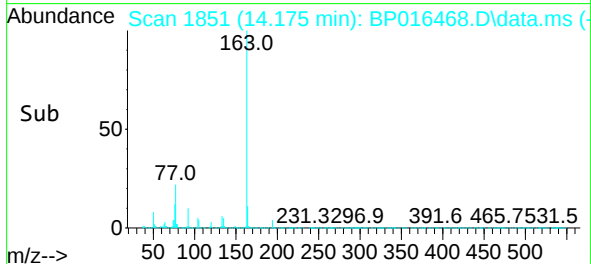
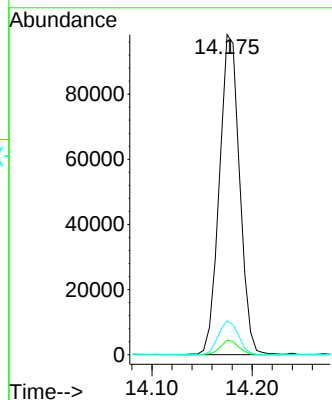
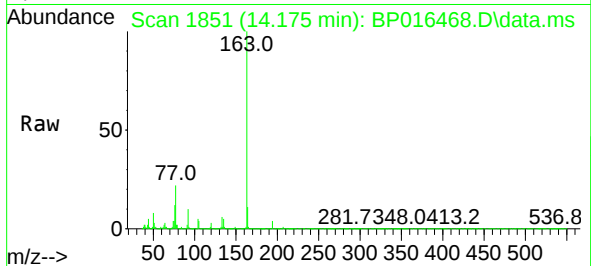




#50
Dimethylphthalate
Concen: 2.339 ng
RT: 14.175 min Scan# 1851
Delta R.T. -0.024 min
Lab File: BP016468.D
Acq: 02 Aug 2023 14:41

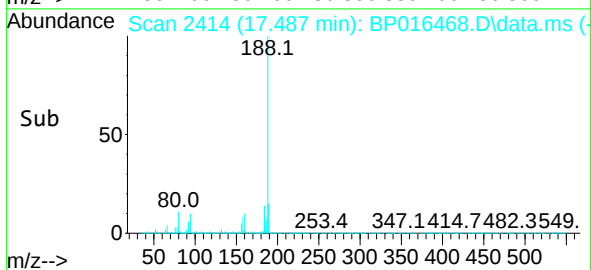
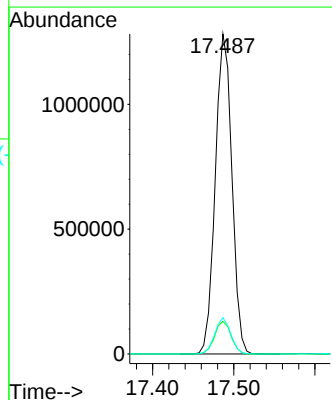
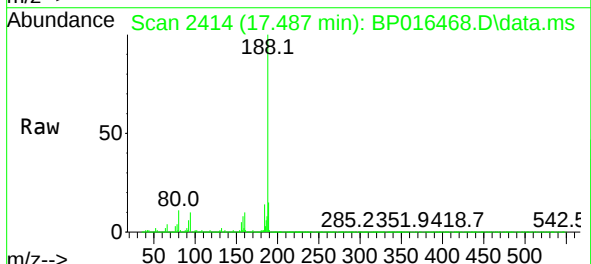
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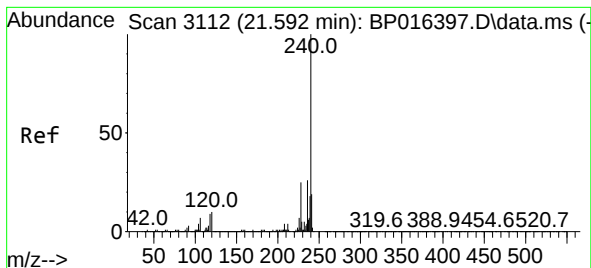
Tgt Ion:163 Resp: 137878
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.6 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BP016468.D
Acq: 02 Aug 2023 14:41

Tgt Ion:188 Resp: 1819710
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.0
80 11.3 7.8 11.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP016468.D

Acq: 02 Aug 2023 14:41

Instrument :

BNA_P

ClientSampleId :

GROVE-SOIL-0731

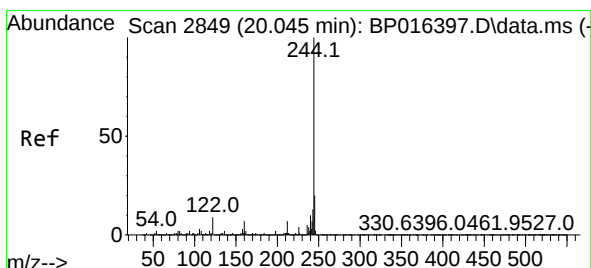
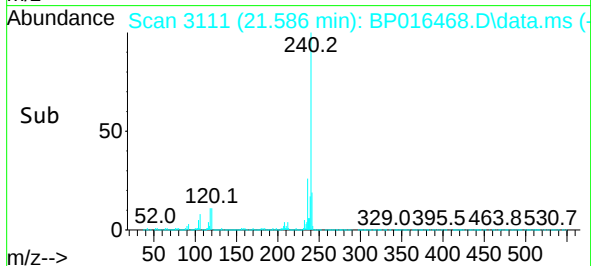
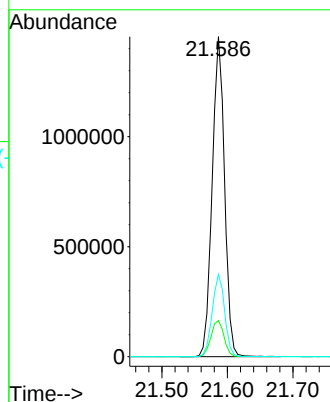
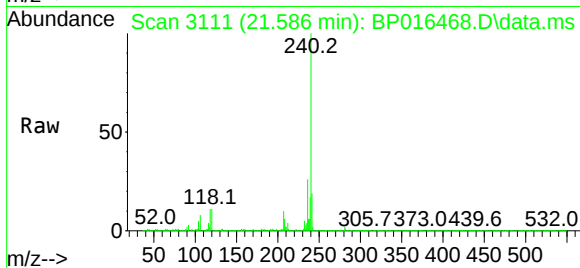
Tgt Ion:240 Resp: 1903949

Ion Ratio Lower Upper

240 100

120 11.3 7.9 11.9

236 25.7 21.1 31.7



#79

Terphenyl-d14

Concen: 95.292 ng

RT: 20.039 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BP016468.D

Acq: 02 Aug 2023 14:41

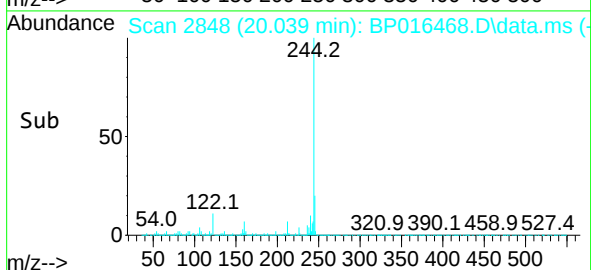
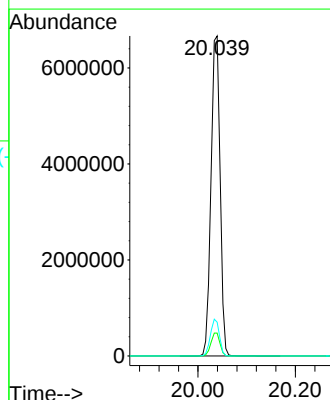
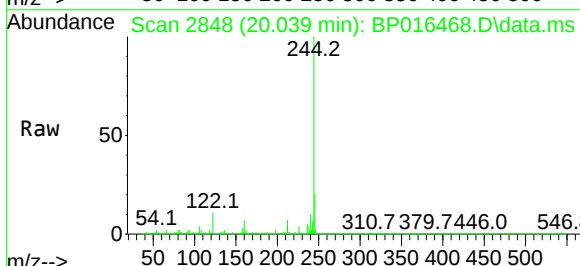
Tgt Ion:244 Resp: 8588759

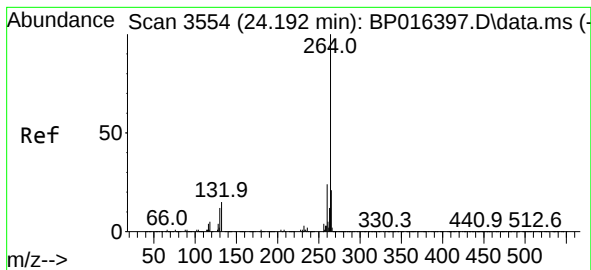
Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.6 7.4 11.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.186 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP016468.D
 Acq: 02 Aug 2023 14:41

Instrument :
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Tgt Ion:264 Resp: 2196206
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.7 17.4 26.0

