

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
 Data File : BP009678.D
 Acq On : 04 Apr 2022 14:44
 Operator : CG/JU
 Sample : N2229-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-DRUM

Quant Time: Apr 04 23:24:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

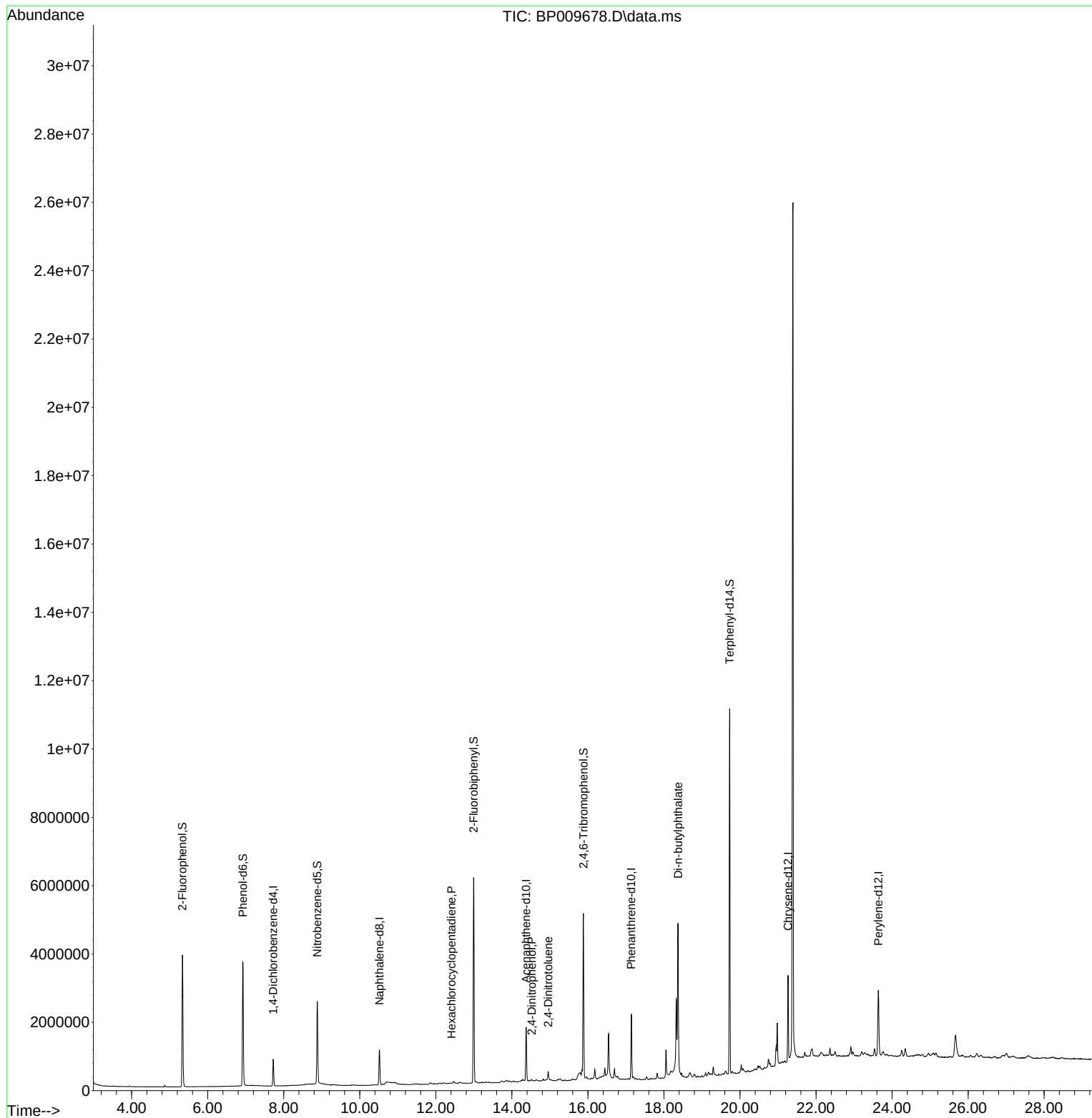
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	234530	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	917032	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	576624	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1211532	20.000	ng	-0.02
76) Chrysene-d12	21.263	240	1259102	20.000	ng	-0.01
86) Perylene-d12	23.639	264	1370952	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1945127	144.803	ng	-0.01
7) Phenol-d6	6.922	99	2425606	133.524	ng	-0.01
23) Nitrobenzene-d5	8.881	82	1536179	89.019	ng	-0.02
42) 2,4,6-Tribromophenol	15.881	330	1042077	109.516	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	3332230	80.112	ng	-0.02
79) Terphenyl-d14	19.727	244	5362237	76.440	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.834	77	128	Below Cal	Qvalue #	48
41) Hexachlorocyclopentadiene	12.410	237	130	7.303	ng	84
54) 2,4-Dinitrophenol	14.522	184	211	4.568	ng #	1
57) 2,4-Dinitrotoluene	14.957	165	58753	4.668	ng #	45
74) Di-n-butylphthalate	18.369	149	304044	4.143	ng #	81

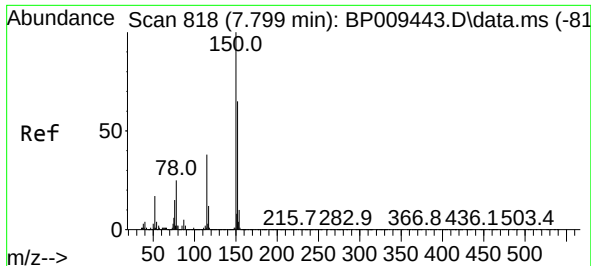
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
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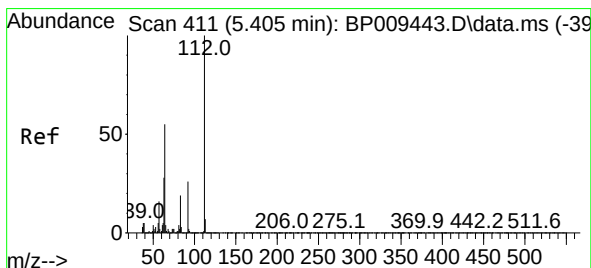
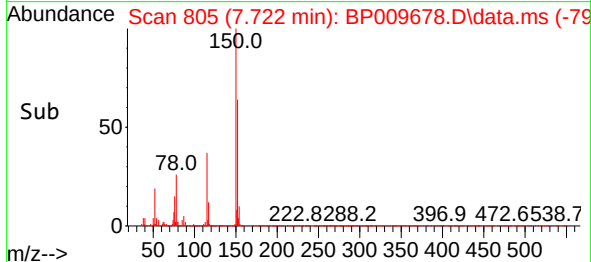
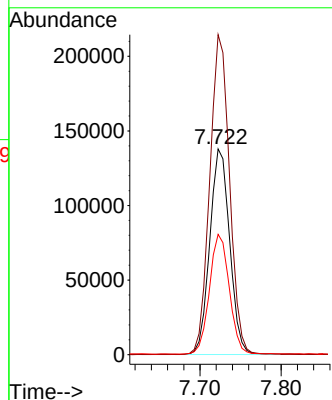
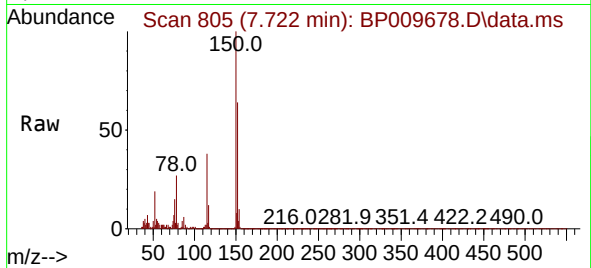




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 805
Delta R.T. -0.018 min
Lab File: BP009678.D
Acq: 04 Apr 2022 14:44

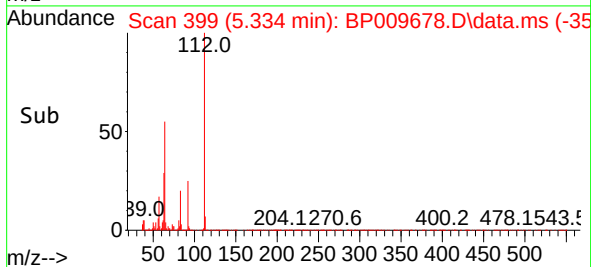
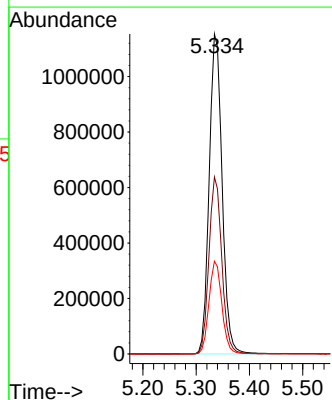
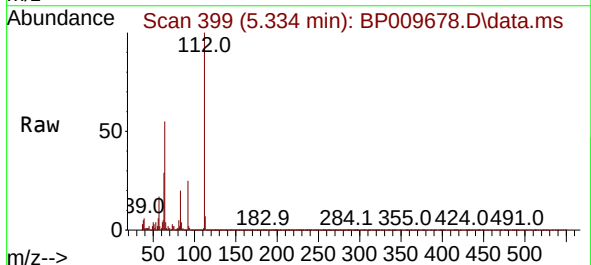
Instrument :
BNA_P
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SOIL-DRUM

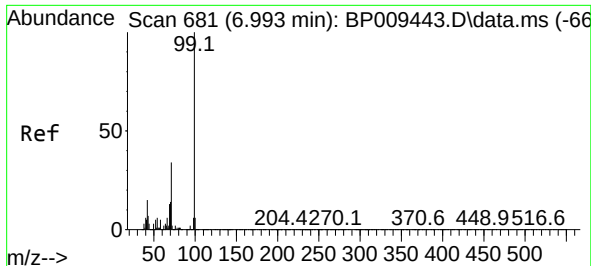
Tgt Ion:152 Resp: 234530
Ion Ratio Lower Upper
152 100
150 155.5 124.5 186.7
115 58.5 48.2 72.4



#5
2-Fluorophenol
Concen: 144.803 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP009678.D
Acq: 04 Apr 2022 14:44

Tgt Ion:112 Resp: 1945127
Ion Ratio Lower Upper
112 100
64 55.3 45.0 67.4
63 29.0 23.0 34.6

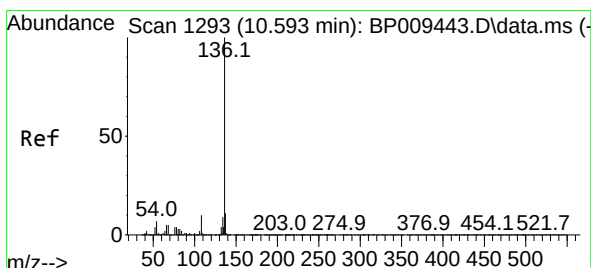
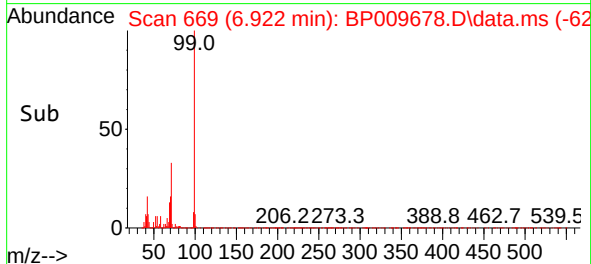
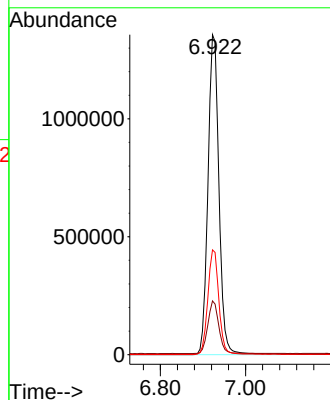
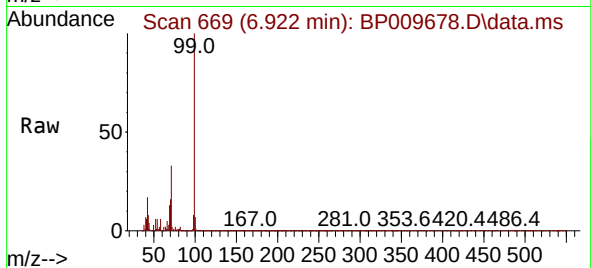




#7
Phenol-d6
Concen: 133.524 ng
RT: 6.922 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP009678.D
Acq: 04 Apr 2022 14:44

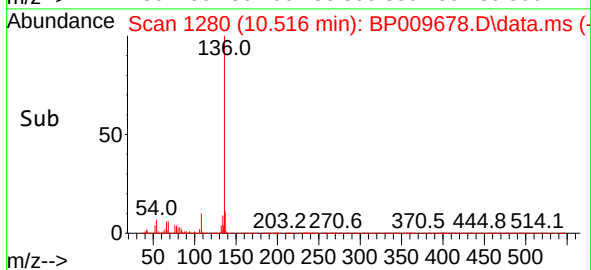
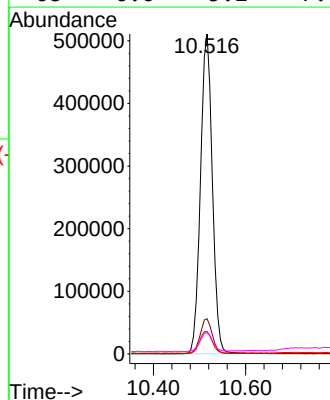
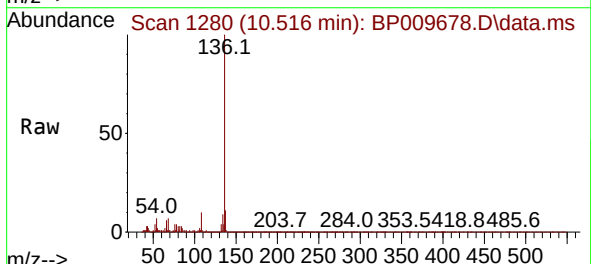
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUM

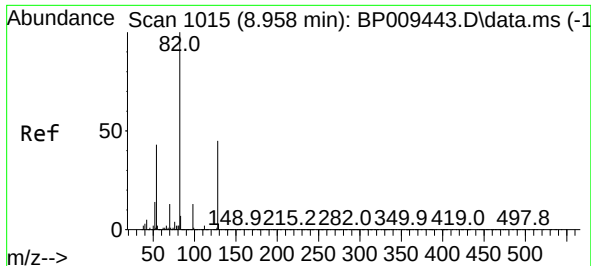
Tgt Ion: 99 Resp: 2425606
Ion Ratio Lower Upper
99 100
42 16.8 12.8 19.2
71 32.8 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP009678.D
Acq: 04 Apr 2022 14:44

Tgt Ion:136 Resp: 917032
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.1 5.8 8.8
68 6.6 5.2 7.8

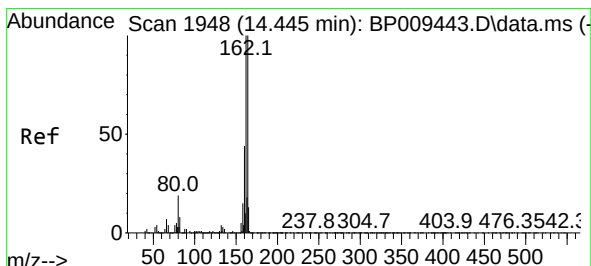
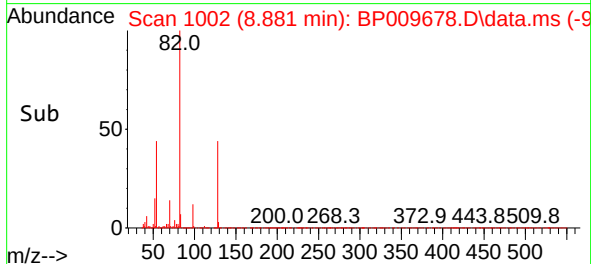
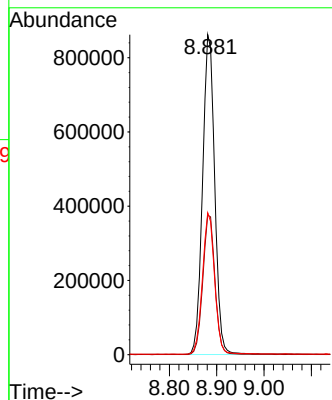
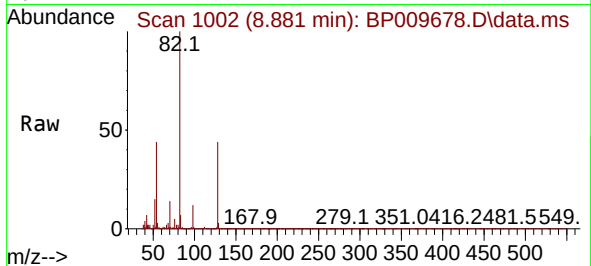




#23
Nitrobenzene-d5
Concen: 89.019 ng
RT: 8.881 min Scan# 1015
Delta R.T. -0.018 min
Lab File: BP009678.D
Acq: 04 Apr 2022 14:44

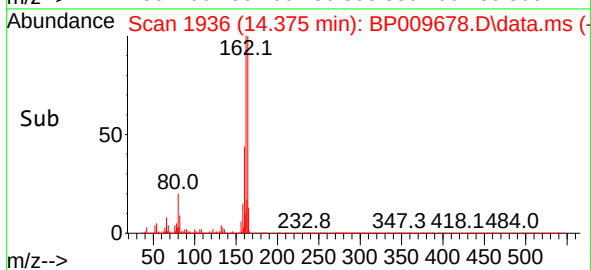
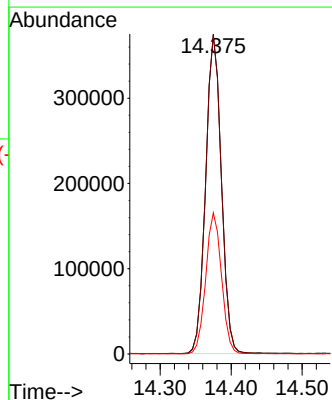
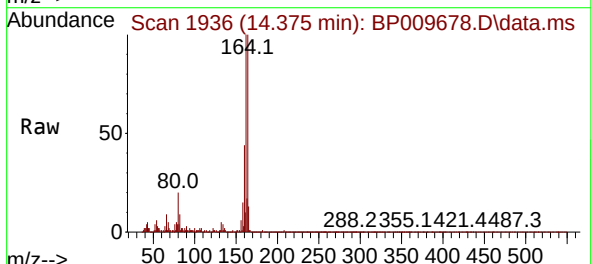
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUM

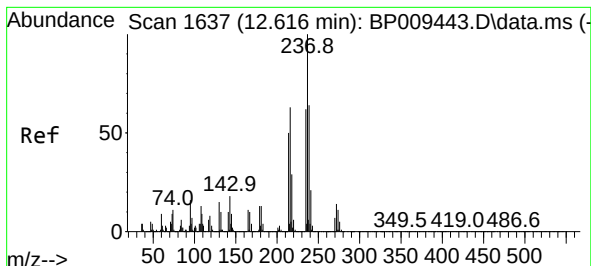
Tgt Ion: 82 Resp: 1536179
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.4
54 44.3 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.018 min
Lab File: BP009678.D
Acq: 04 Apr 2022 14:44

Tgt Ion: 164 Resp: 576624
Ion Ratio Lower Upper
164 100
162 100.4 79.1 118.7
160 44.3 34.9 52.3





#41

Hexachlorocyclopentadiene

Concen: 7.303 ng

RT: 12.410 min Scan# 1

Delta R.T. -0.147 min

Lab File: BP009678.D

Acq: 04 Apr 2022 14:44

Instrument :

BNA_P

ClientSampleId :

SOIL-DRUM

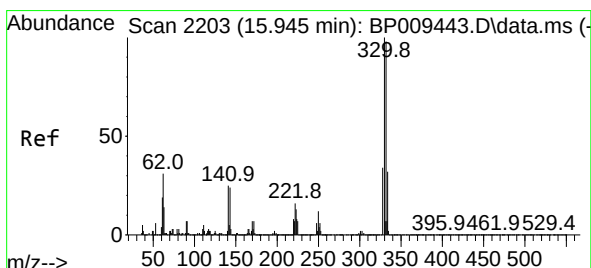
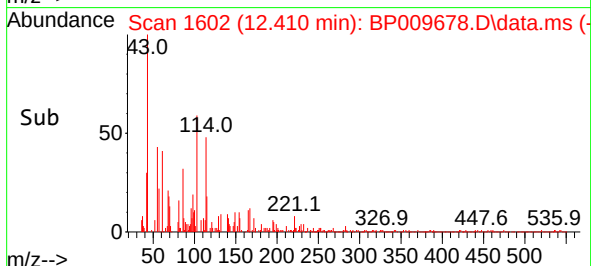
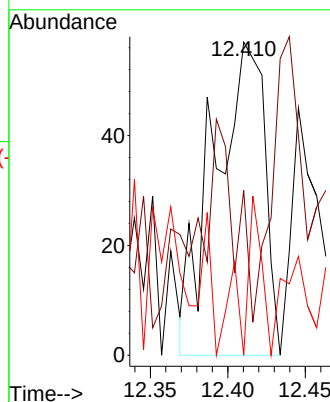
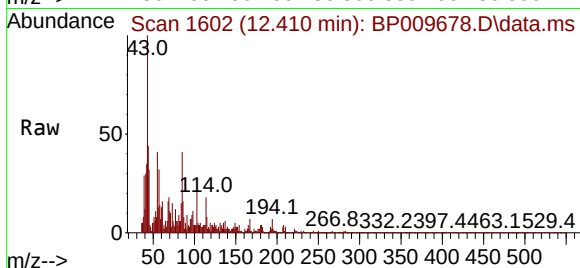
Tgt Ion:237 Resp: 130

Ion Ratio Lower Upper

237 100

235 52.6 42.6 82.6

272 0.0 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 109.516 ng

RT: 15.881 min Scan# 2192

Delta R.T. -0.012 min

Lab File: BP009678.D

Acq: 04 Apr 2022 14:44

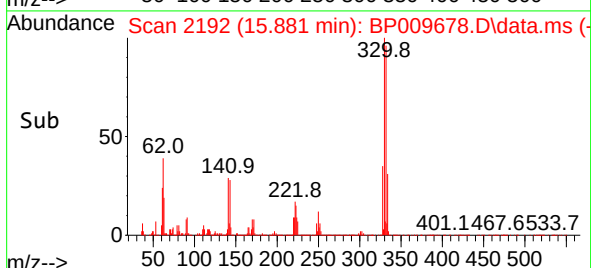
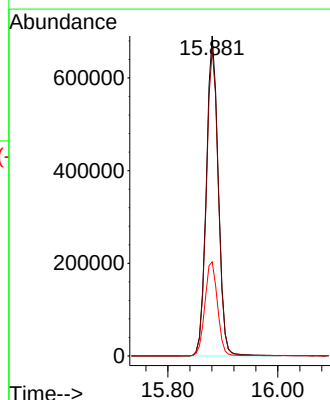
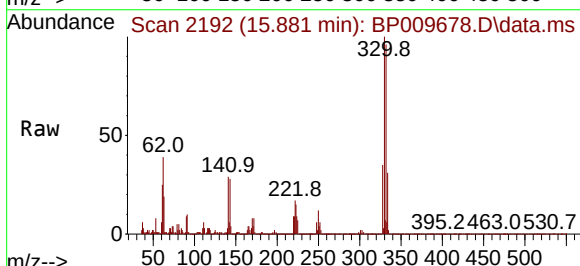
Tgt Ion:330 Resp: 1042077

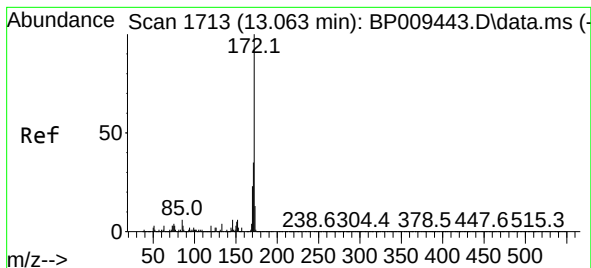
Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

141 31.0 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 80.112 ng

RT: 12.993 min Scan# 1713

Delta R.T. -0.018 min

Lab File: BP009678.D

Acq: 04 Apr 2022 14:44

Instrument :

BNA_P

ClientSampleId :

SOIL-DRUM

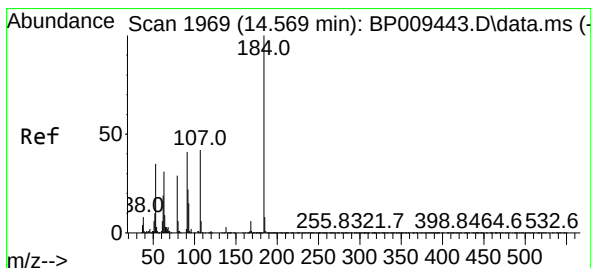
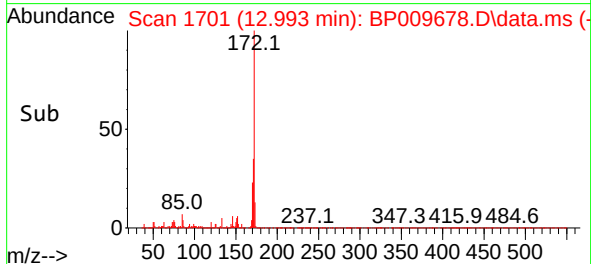
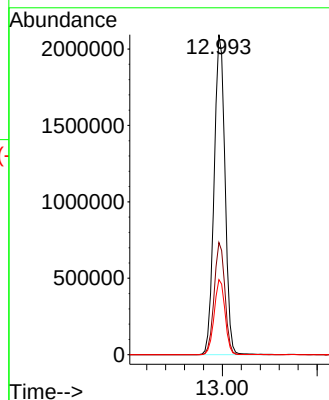
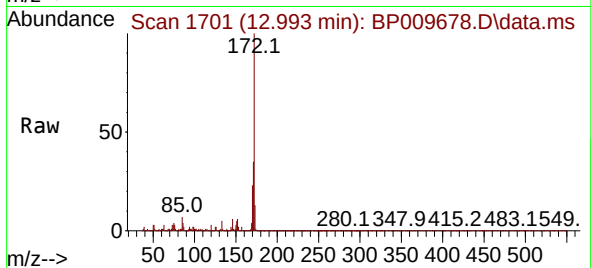
Tgt Ion:172 Resp: 3332230

Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

170 23.5 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.568 ng

RT: 14.522 min Scan# 1961

Delta R.T. -0.006 min

Lab File: BP009678.D

Acq: 04 Apr 2022 14:44

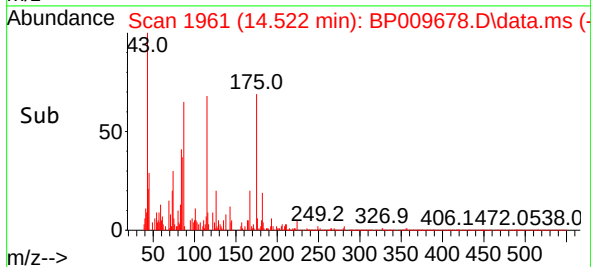
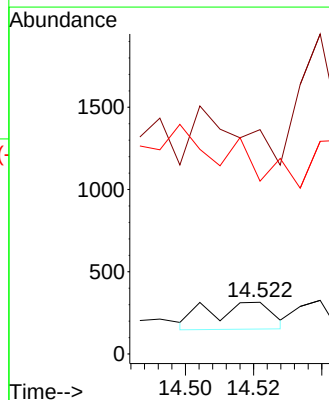
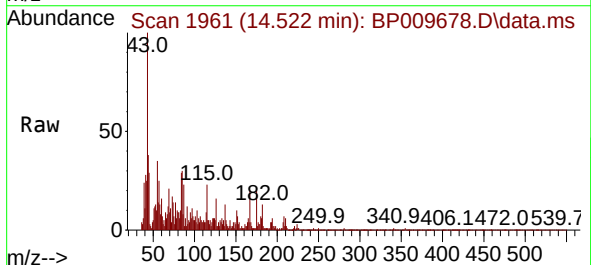
Tgt Ion:184 Resp: 211

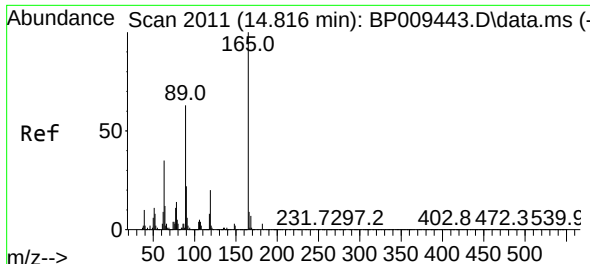
Ion Ratio Lower Upper

184 100

63 433.0 46.3 69.5#

154 333.7 45.8 68.6#

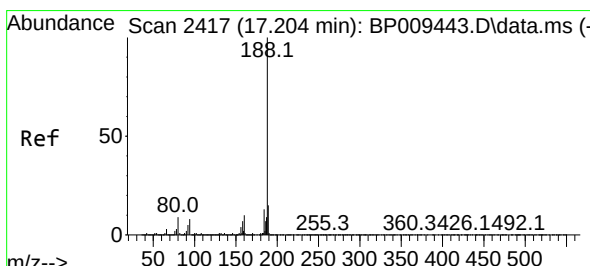
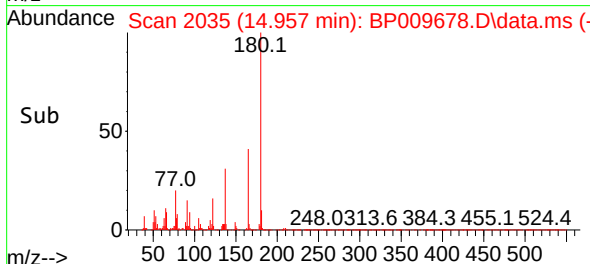
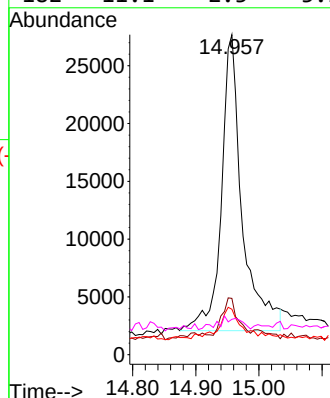
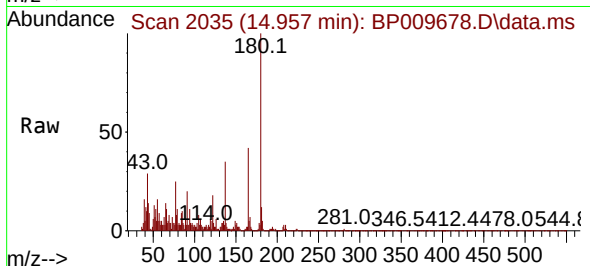




#57
2,4-Dinitrotoluene
Concen: 4.668 ng
RT: 14.957 min Scan# 2011
Delta R.T. 0.182 min
Lab File: BP009678.D
Acq: 04 Apr 2022 14:44

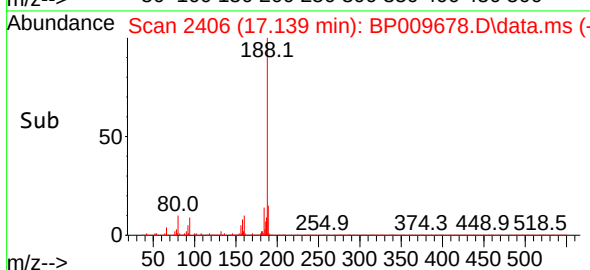
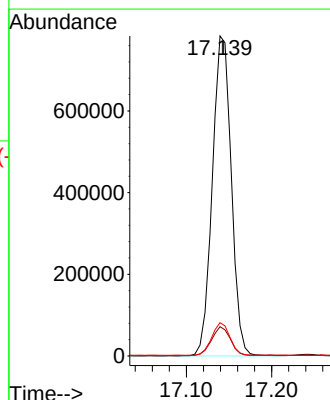
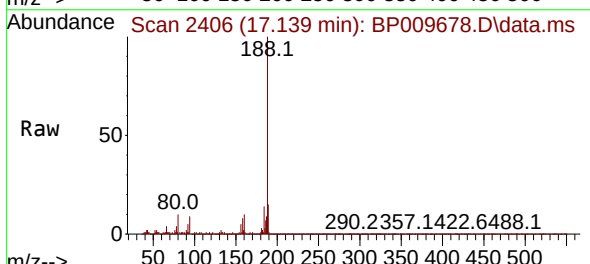
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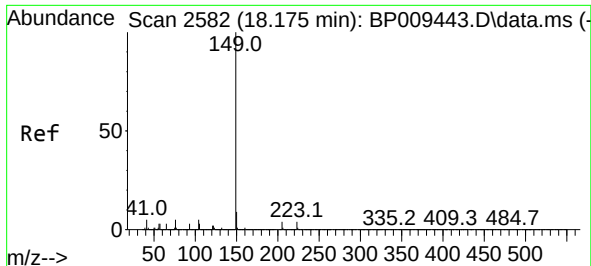
Tgt Ion:165 Resp: 58753
Ion Ratio Lower Upper
165 100
63 17.6 31.4 47.2#
89 14.2 55.9 83.9#
182 11.1 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BP009678.D
Acq: 04 Apr 2022 14:44

Tgt Ion:188 Resp: 1211532
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 10.4 8.8 13.2

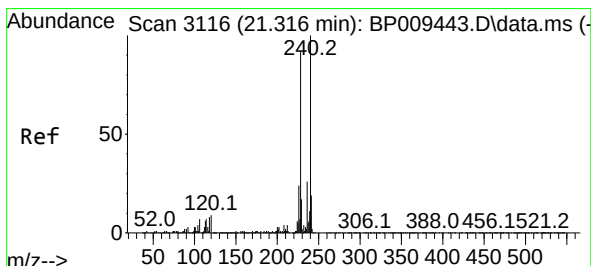
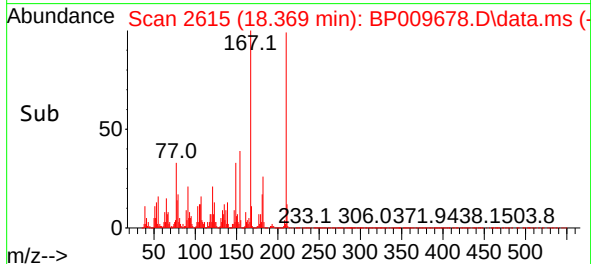
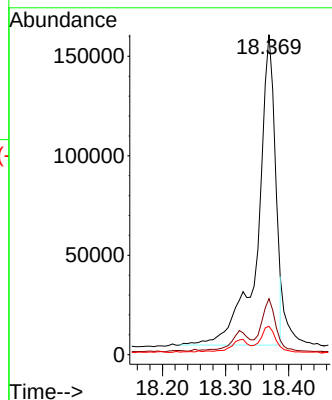
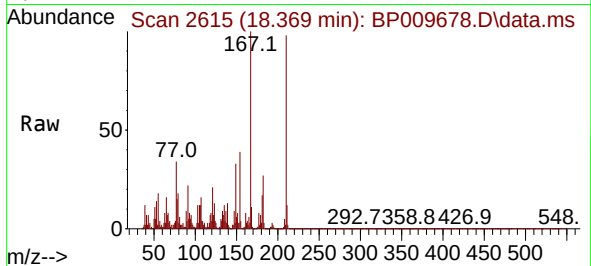




#74
Di-n-butylphthalate
Concen: 4.143 ng
RT: 18.369 min Scan# 2107
Delta R.T. 0.241 min
Lab File: BP009678.D
Acq: 04 Apr 2022 14:44

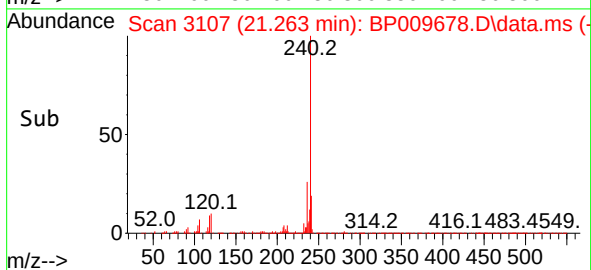
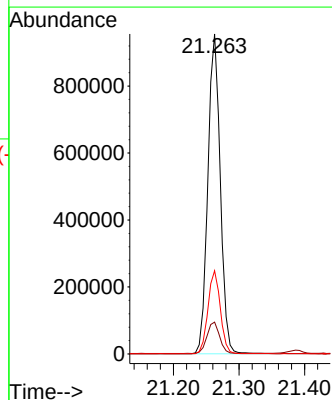
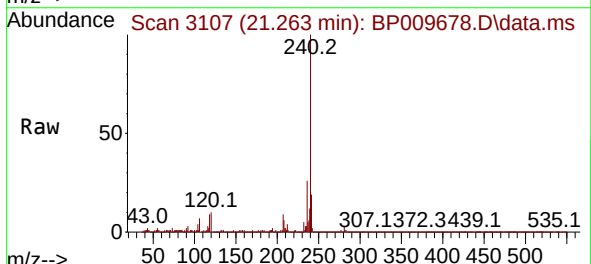
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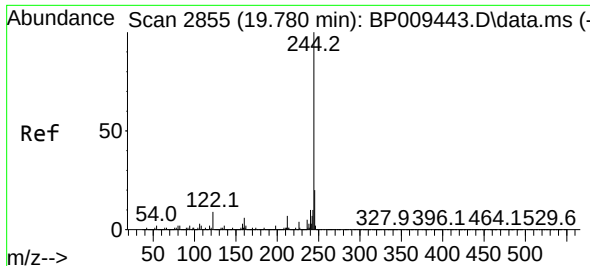
Tgt Ion:149 Resp: 304044
Ion Ratio Lower Upper
149 100
150 17.5 7.3 10.9#
104 8.9 4.2 6.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BP009678.D
Acq: 04 Apr 2022 14:44

Tgt Ion:240 Resp: 1259102
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.4
236 26.0 20.6 30.8

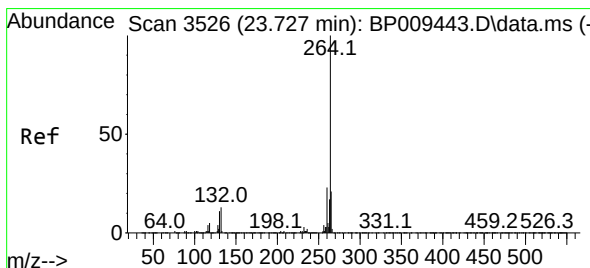
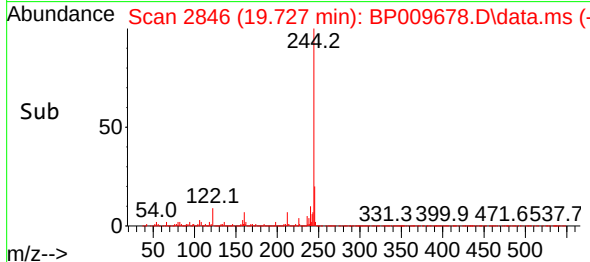
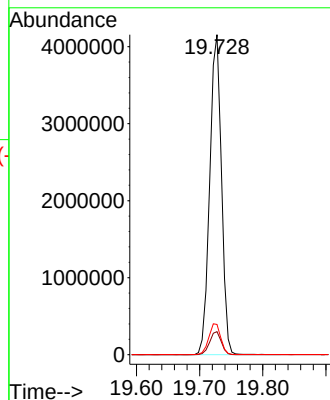
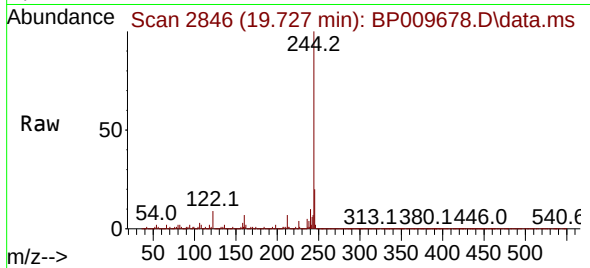




#79
 Terphenyl-d14
 Concen: 76.440 ng
 RT: 19.727 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP009678.D
 Acq: 04 Apr 2022 14:44

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-DRUM

Tgt Ion:244 Resp: 5362237
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.639 min Scan# 3511
 Delta R.T. -0.012 min
 Lab File: BP009678.D
 Acq: 04 Apr 2022 14:44

Tgt Ion:264 Resp: 1370952
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 22.0 17.2 25.8

