

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
 Data File : BP006153.D
 Acq On : 08 Jul 2021 22:42
 Operator : CG/JU
 Sample : M2947-13DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 D9-SOIL-PILEDL

Quant Time: Jul 09 04:31:18 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 16:08:13 2021
 Response via : Initial Calibration

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

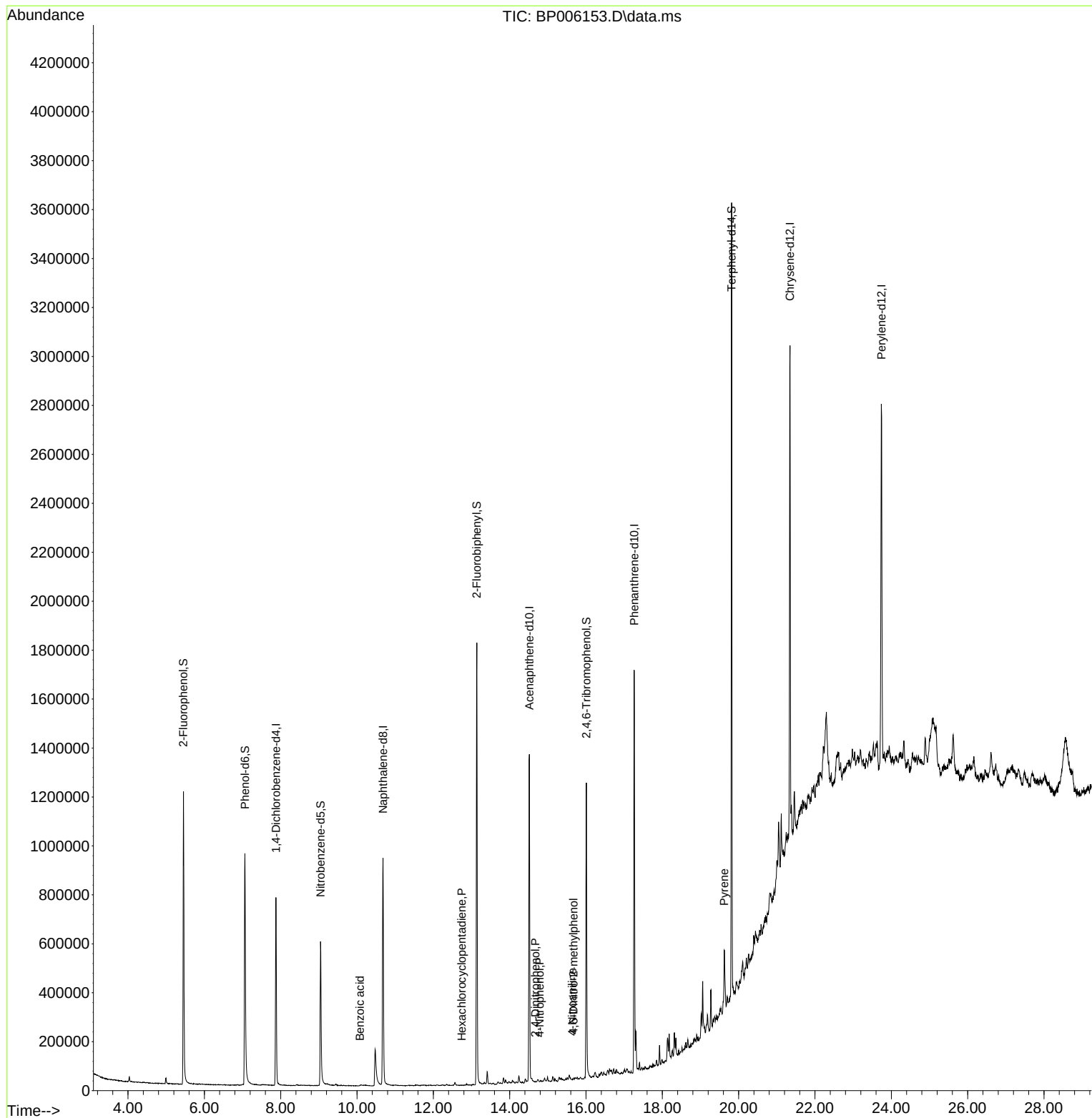
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	226047	20.00	ng	0.00
21) Naphthalene-d8	10.681	136	849583	20.00	ng	0.00
39) Acenaphthene-d10	14.516	164	481425	20.00	ng	0.00
64) Phenanthrene-d10	17.263	188	965033	20.00	ng	# 0.00
76) Chrysene-d12	21.345	240	920554	20.00	ng	# 0.00
86) Perylene-d12	23.739	264	1066490	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	615794	46.87	ng	0.00
7) Phenol-d6	7.063	99	702847	40.45	ng	0.00
23) Nitrobenzene-d5	9.045	82	392934	29.21	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	249249	43.49	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	946157	29.05	ng	0.00
79) Terphenyl-d14	19.815	244	1361944	29.17	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.075	122	17	6.90	ng	# 1
41) Hexachlorocyclopentadiene	12.745	237	20	8.71	ng	93
54) 2,4-Dinitrophenol	14.669	184	46	8.89	ng	# 1
56) 4-Nitrophenol	14.786	139	203	7.16	ng	87
62) 4-Nitroaniline	15.639	138	135	2.97	ng	82
65) 4,6-Dinitro-2-methylph...	15.674	198	55	4.43	ng	# 1
78) Pyrene	19.621	202	135590	2.18	ng	97

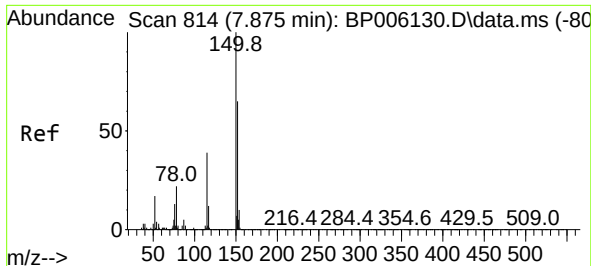
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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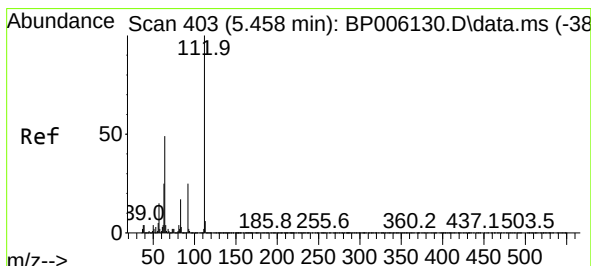
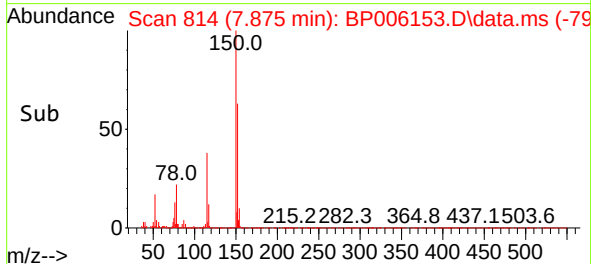
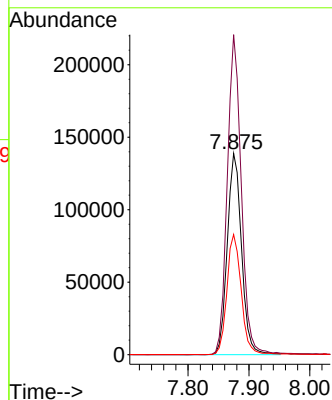
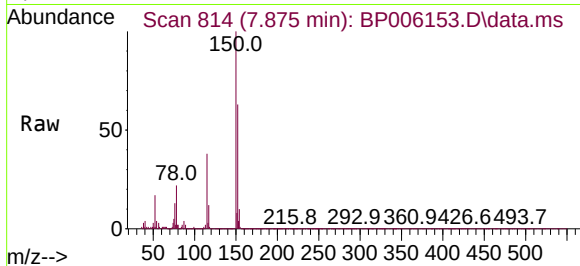




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

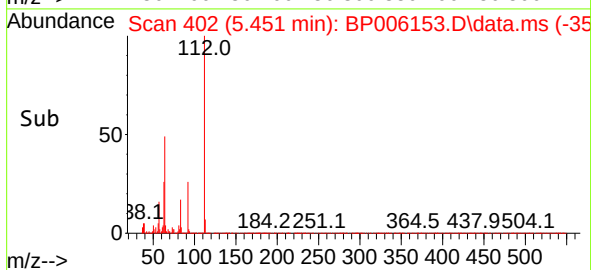
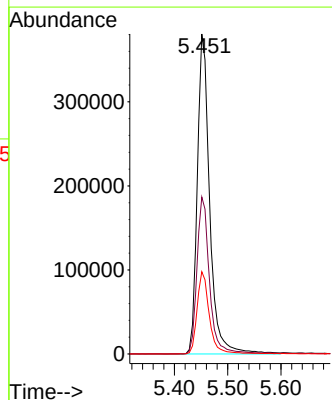
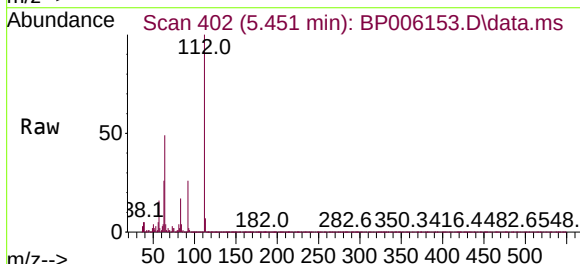
Instrument :
BNA_P
ClientSampleId :
D9-SOIL-PILEDL

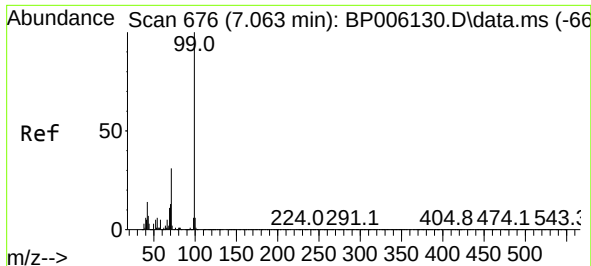
Tgt Ion:152 Resp: 226047
Ion Ratio Lower Upper
152 100
150 159.0 125.6 188.4
115 59.7 48.5 72.7



#5
2-Fluorophenol
Concen: 46.87 ng
RT: 5.451 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

Tgt Ion:112 Resp: 615794
Ion Ratio Lower Upper
112 100
64 49.1 41.4 62.2
63 25.7 23.8 35.8

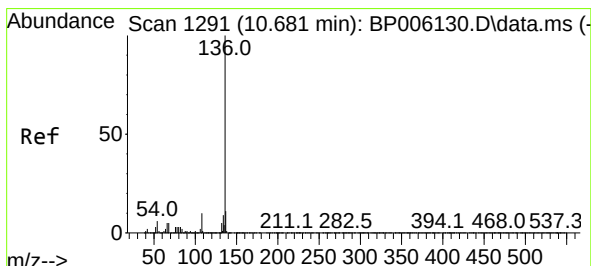
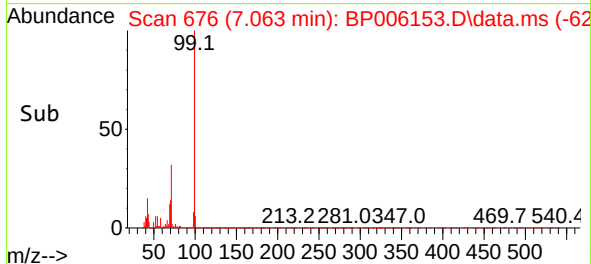
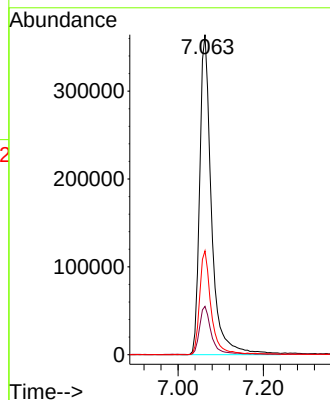
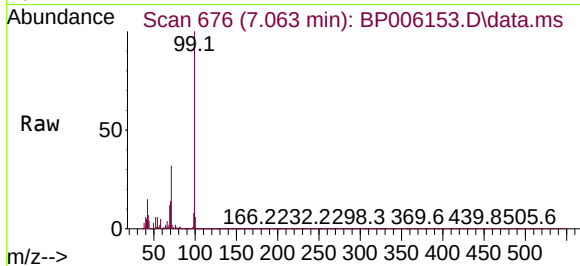




#7
Phenol-d6
Concen: 40.45 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

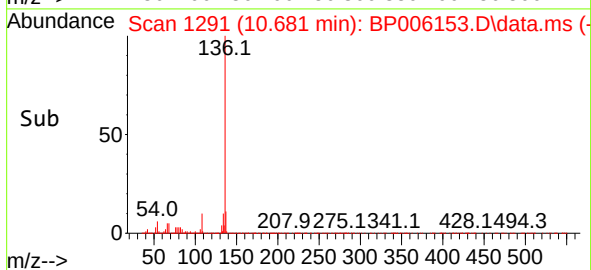
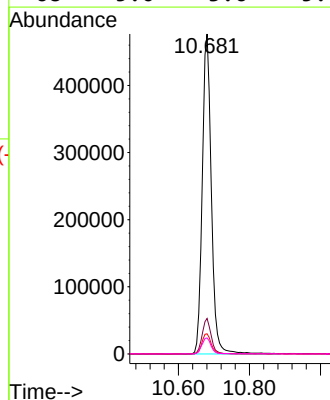
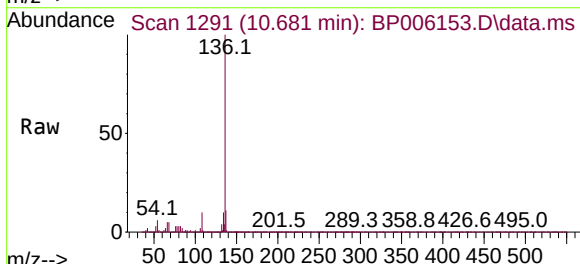
Instrument :
BNA_P
ClientSampleId :
D9-SOIL-PILEDL

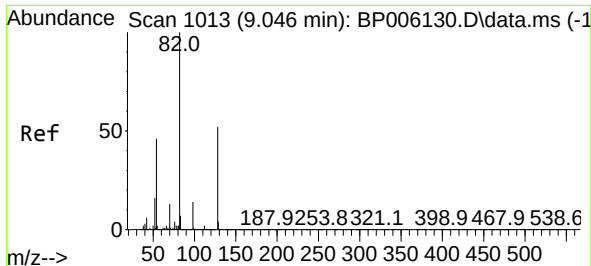
Tgt Ion:	99	Resp:	702847
Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.4	20.0
71	32.5	30.6	46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

Tgt Ion:	136	Resp:	849583
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.3	4.6	6.8
68	5.0	3.6	5.4

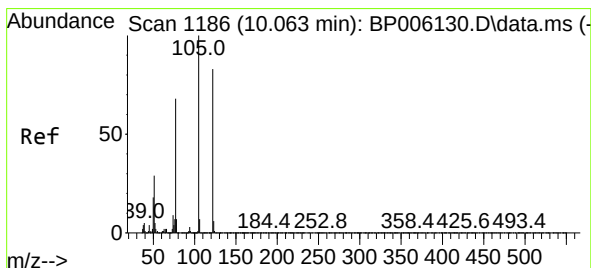
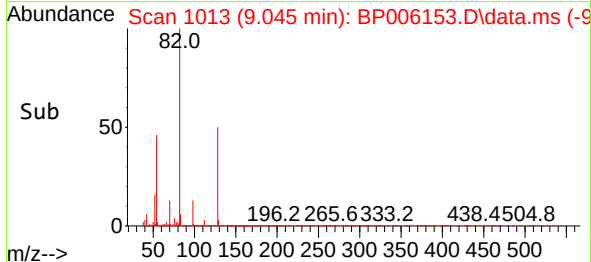
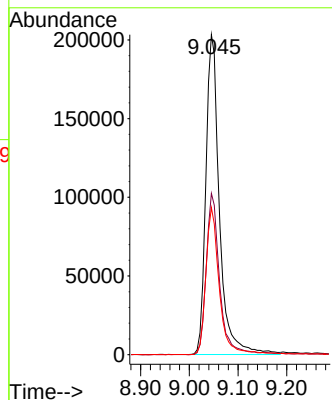
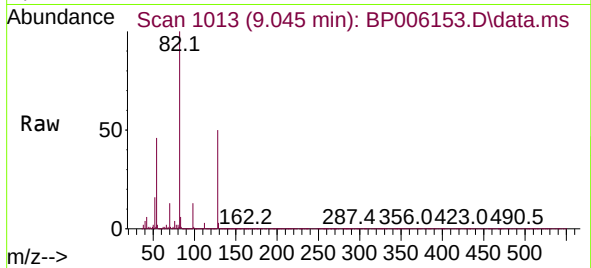




#23
Nitrobenzene-d5
Concen: 29.21 ng
RT: 9.045 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

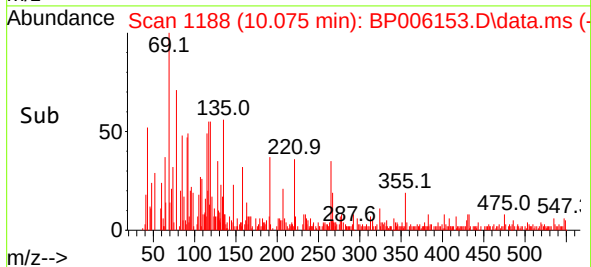
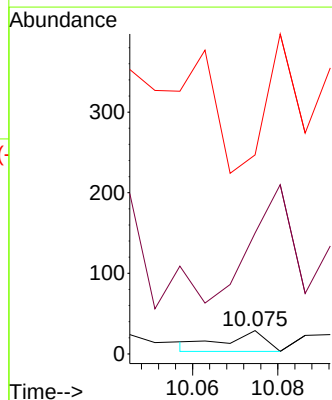
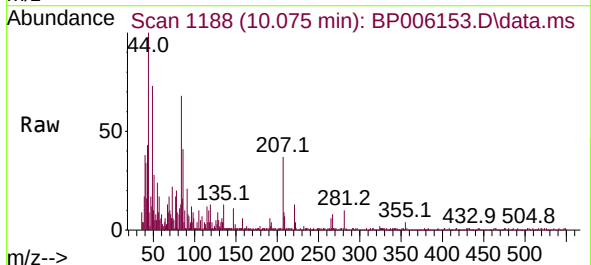
Instrument :
BNA_P
ClientSampleId :
D9-SOIL-PILEDL

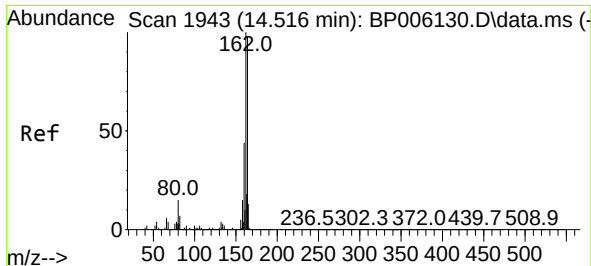
Tgt Ion: 82 Resp: 392934
Ion Ratio Lower Upper
82 100
128 50.4 35.7 53.5
54 46.0 35.0 52.4



#32
Benzoic acid
Concen: 6.90 ng
RT: 10.075 min Scan# 1188
Delta R.T. 0.012 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

Tgt Ion:122 Resp: 17
Ion Ratio Lower Upper
122 100
105 517.2 103.2 143.2#
77 851.7 76.2 116.2#

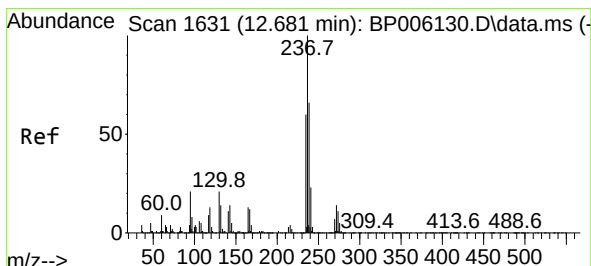
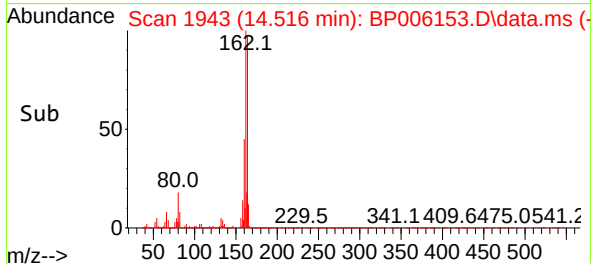
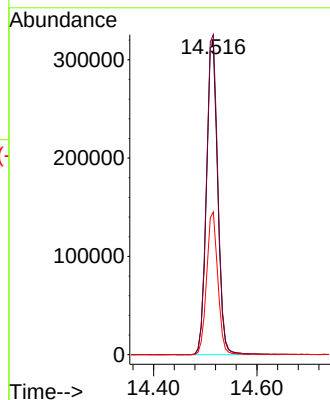
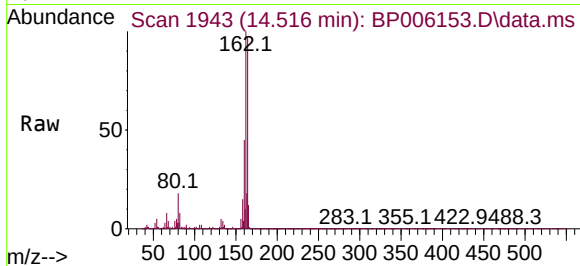




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

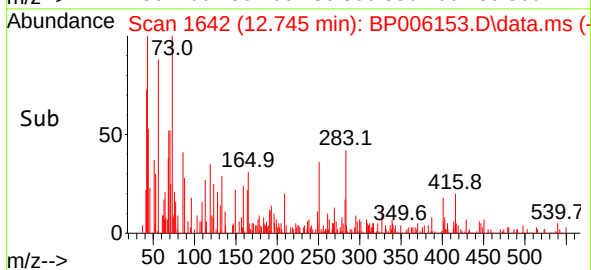
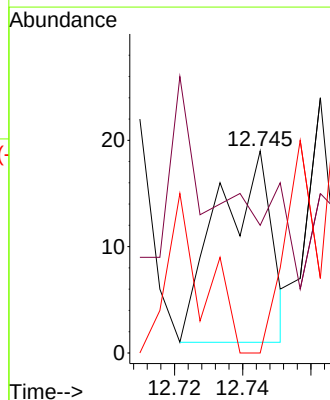
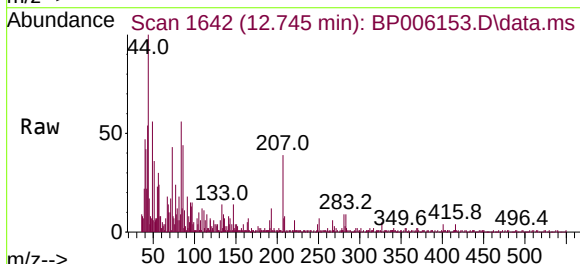
Instrument :
BNA_P
ClientSampleId :
D9-SOIL-PILEDL

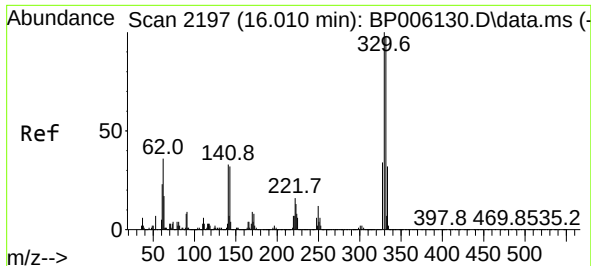
Tgt Ion:	164	Resp:	481425
Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.2	120.2
160	46.1	34.5	51.7



#41
Hexachlorocyclopentadiene
Concen: 8.71 ng
RT: 12.745 min Scan# 1642
Delta R.T. 0.064 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

Tgt Ion:	237	Resp:	20
Ion	Ratio	Lower	Upper
237	100		
235	63.2	44.5	84.5
272	0.0	0.0	32.5

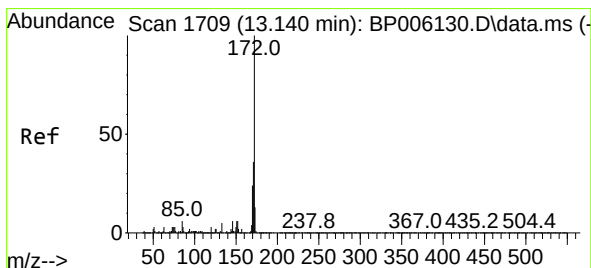
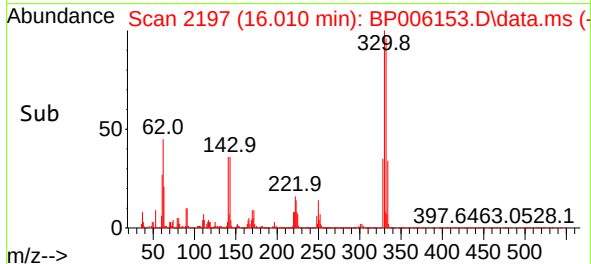
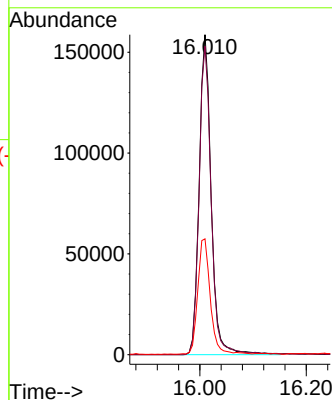
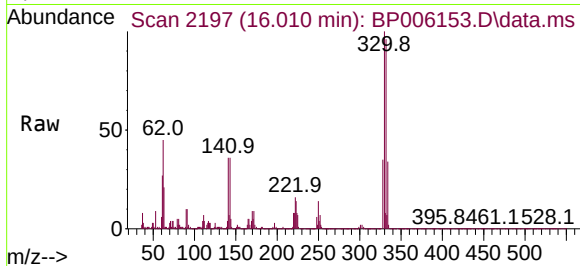




#42
2,4,6-Tribromophenol
Concen: 43.49 ng
RT: 16.010 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

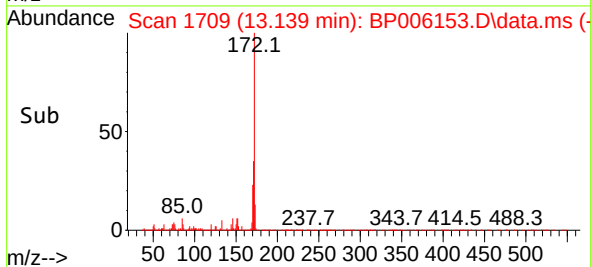
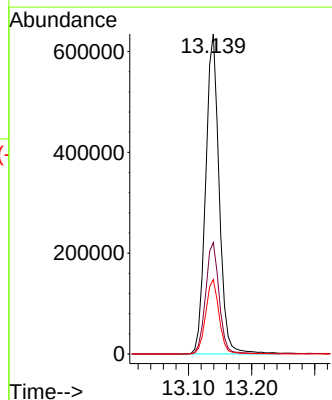
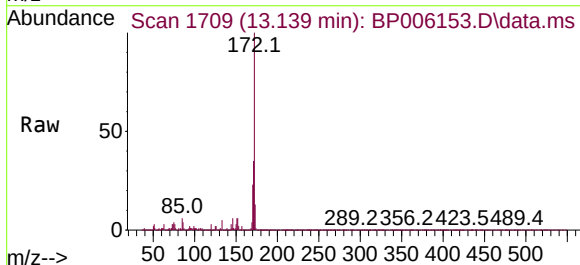
Instrument :
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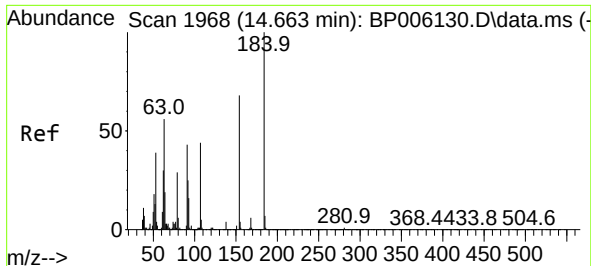
Tgt Ion:330 Resp: 249249
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.8
141 37.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 29.05 ng
RT: 13.139 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

Tgt Ion:172 Resp: 946157
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.2 18.6 27.8

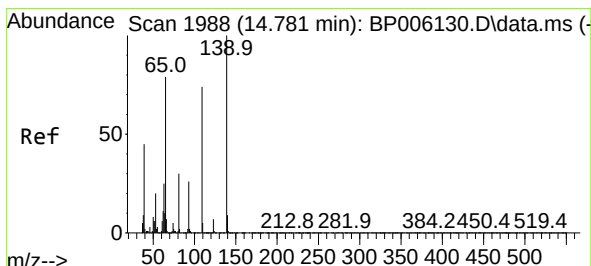
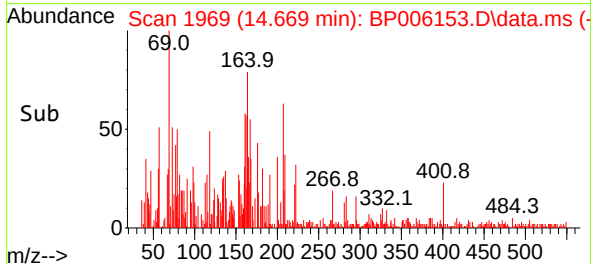
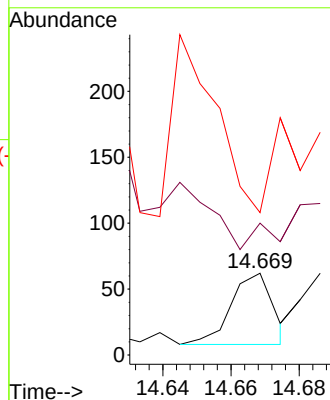
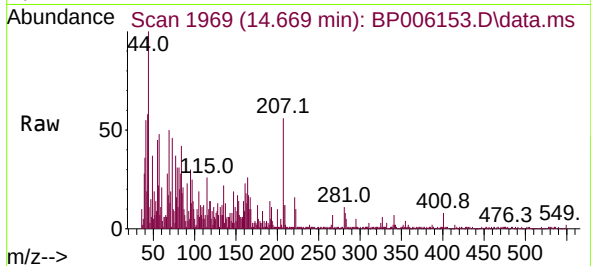




#54
2,4-Dinitrophenol
Concen: 8.89 ng
RT: 14.669 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

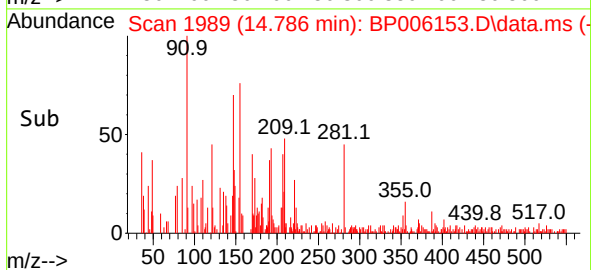
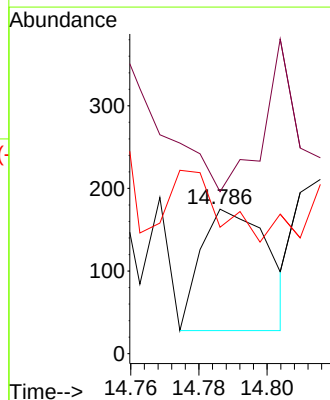
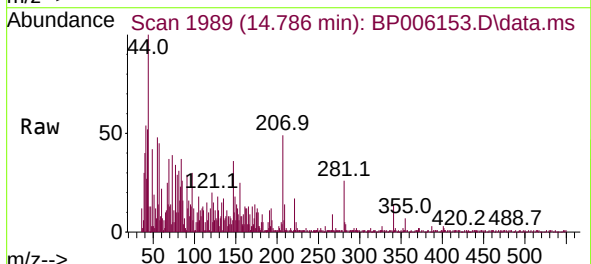
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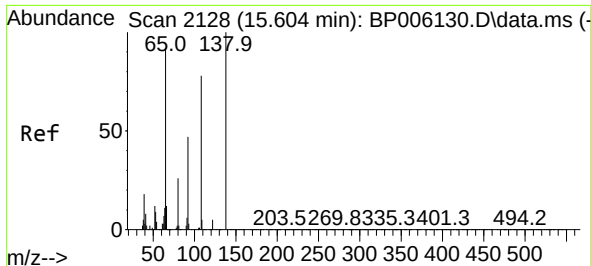
Tgt Ion:184 Resp: 46
Ion Ratio Lower Upper
184 100
63 161.3 47.0 70.6#
154 174.2 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.16 ng
RT: 14.786 min Scan# 1989
Delta R.T. 0.005 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

Tgt Ion:139 Resp: 203
Ion Ratio Lower Upper
139 100
109 112.0 72.3 112.3
65 87.4 72.5 112.5

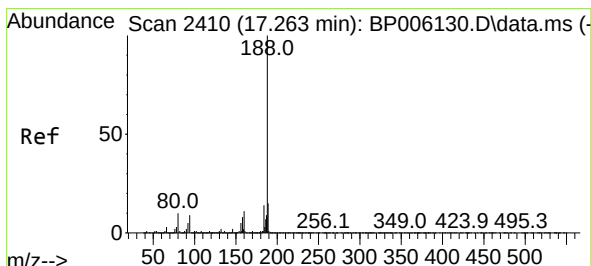
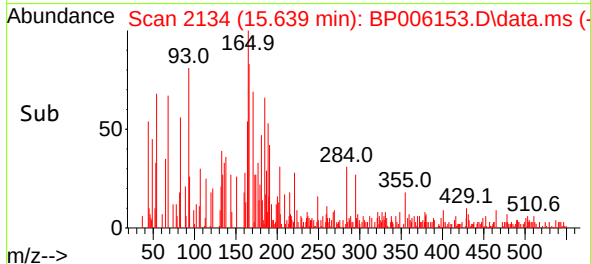
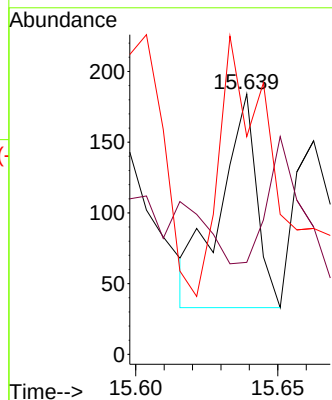
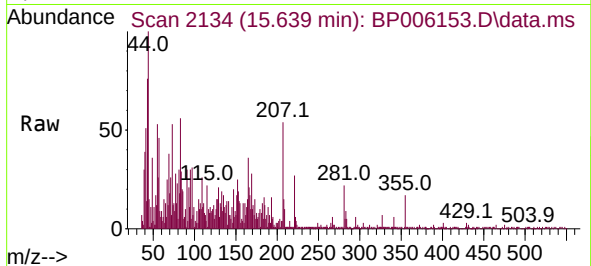




#62
4-Nitroaniline
Concen: 2.97 ng
RT: 15.639 min Scan# 2134
Delta R.T. 0.035 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

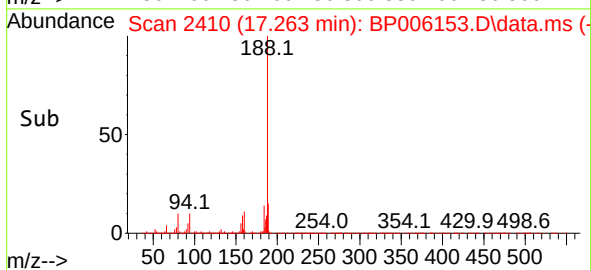
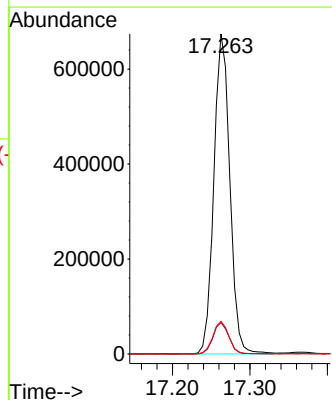
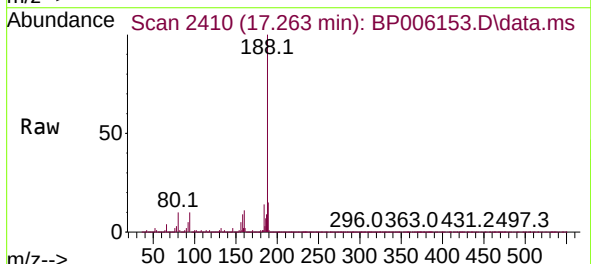
Instrument :
BNA_P
ClientSampleId :
D9-SOIL-PILEDL

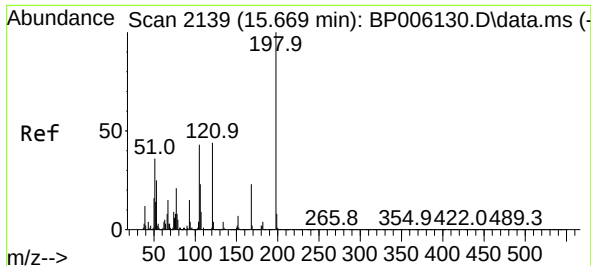
Tgt Ion:138 Resp: 135
Ion Ratio Lower Upper
138 100
92 35.3 31.2 71.2
108 83.7 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

Tgt Ion:188 Resp: 965033
Ion Ratio Lower Upper
188 100
94 9.8 5.6 8.4#
80 10.2 6.3 9.5#

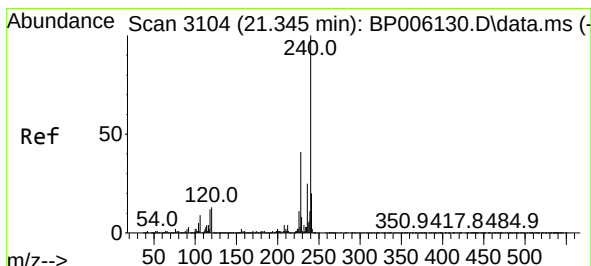
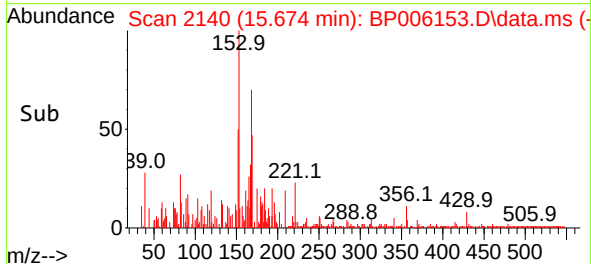
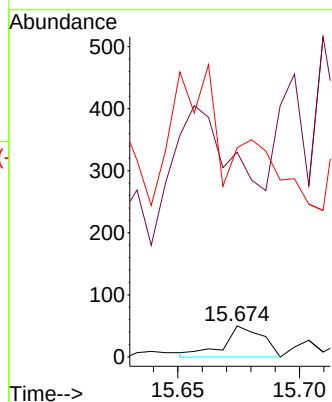
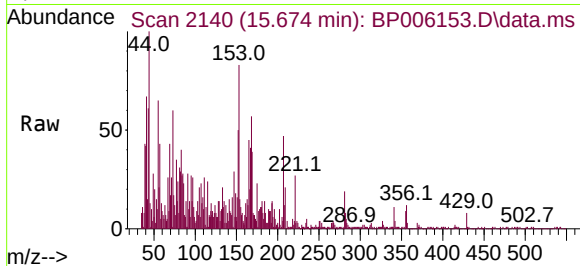




#65
4,6-Dinitro-2-methylphenol
Concen: 4.43 ng
RT: 15.674 min Scan# 2140
Delta R.T. 0.005 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

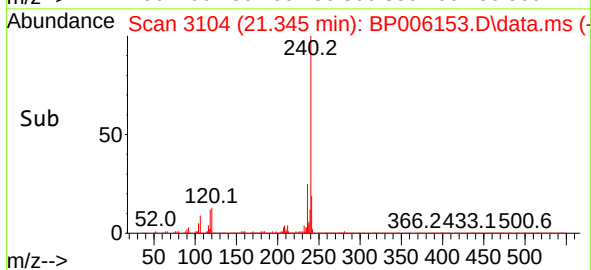
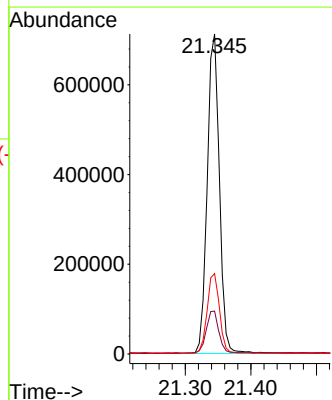
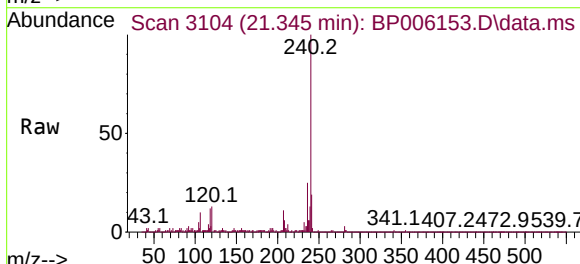
Instrument :
BNA_P
ClientSampleId :
D9-SOIL-PILEDL

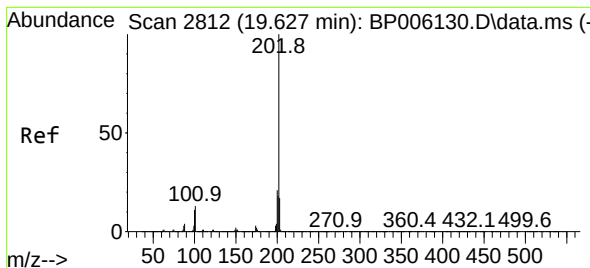
Tgt Ion	Ratio	Lower	Upper
198	100		
51	660.0	14.0	54.0#
105	674.0	19.5	59.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP006153.D
Acq: 08 Jul 2021 22:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.4	6.5	9.7#
236	25.1	20.6	31.0





#78

Pyrene

Concen: 2.18 ng

RT: 19.621 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BP006153.D

Acq: 08 Jul 2021 22:42

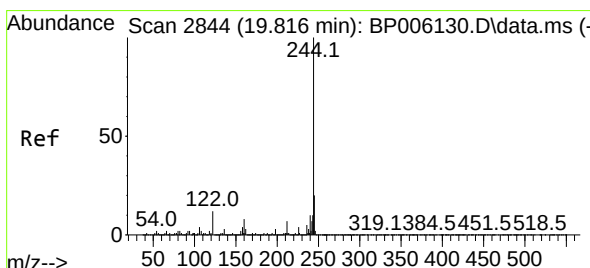
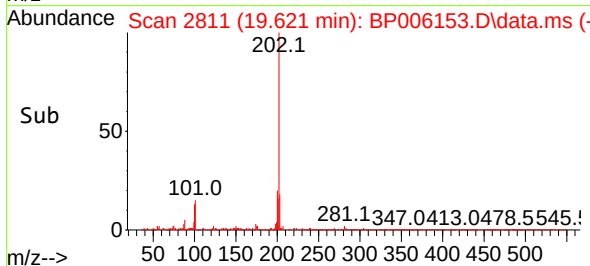
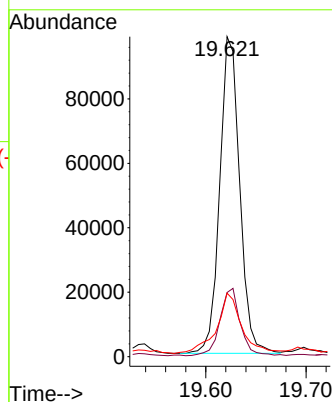
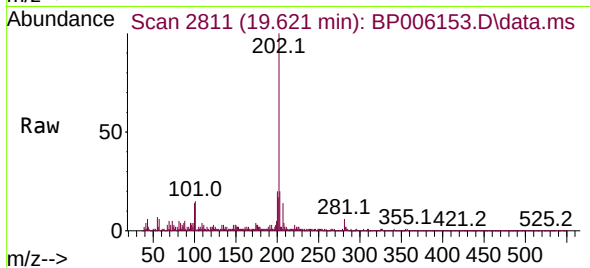
Instrument :

BNA_P

ClientSampleId :

D9-SOIL-PILEDL

Tgt Ion:202	Resp:	135590
Ion Ratio	Lower	Upper
202	100	
200	20.1	16.3 24.5
203	19.8	14.2 21.2



#79

Terphenyl-d14

Concen: 29.17 ng

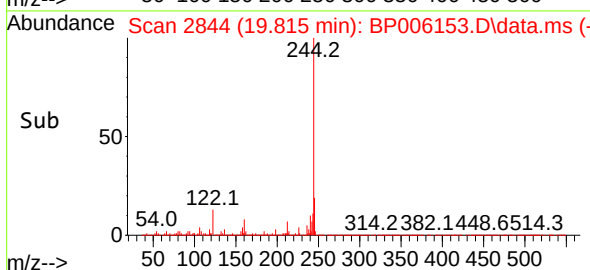
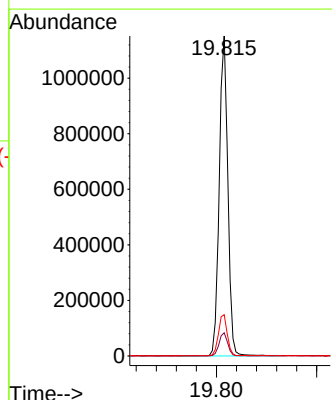
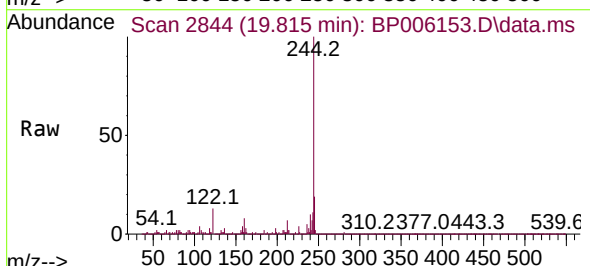
RT: 19.815 min Scan# 2844

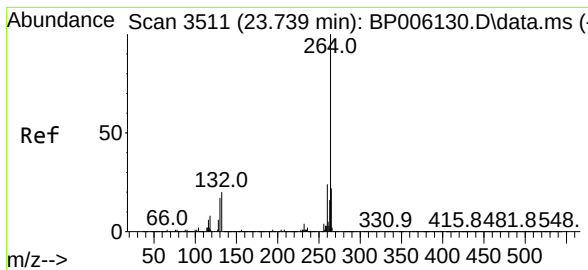
Delta R.T. -0.000 min

Lab File: BP006153.D

Acq: 08 Jul 2021 22:42

Tgt Ion:244	Resp:	1361944
Ion Ratio	Lower	Upper
244	100	
212	7.2	6.0 9.0
122	12.9	7.1 10.7#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.739 min Scan# 3511
 Delta R.T. -0.000 min
 Lab File: BP006153.D
 Acq: 08 Jul 2021 22:42

Instrument :
 BNA_P
 ClientSampleId :
 D9-SOIL-PILEDL

Tgt Ion:264 Resp: 1066490
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 22.4 17.6 26.4

