

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
 Data File : BP007134.D
 Acq On : 23 Sep 2021 20:28
 Operator : CG/JU
 Sample : M3860-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PT-SOIL

Quant Time: Sep 24 01:01:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

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

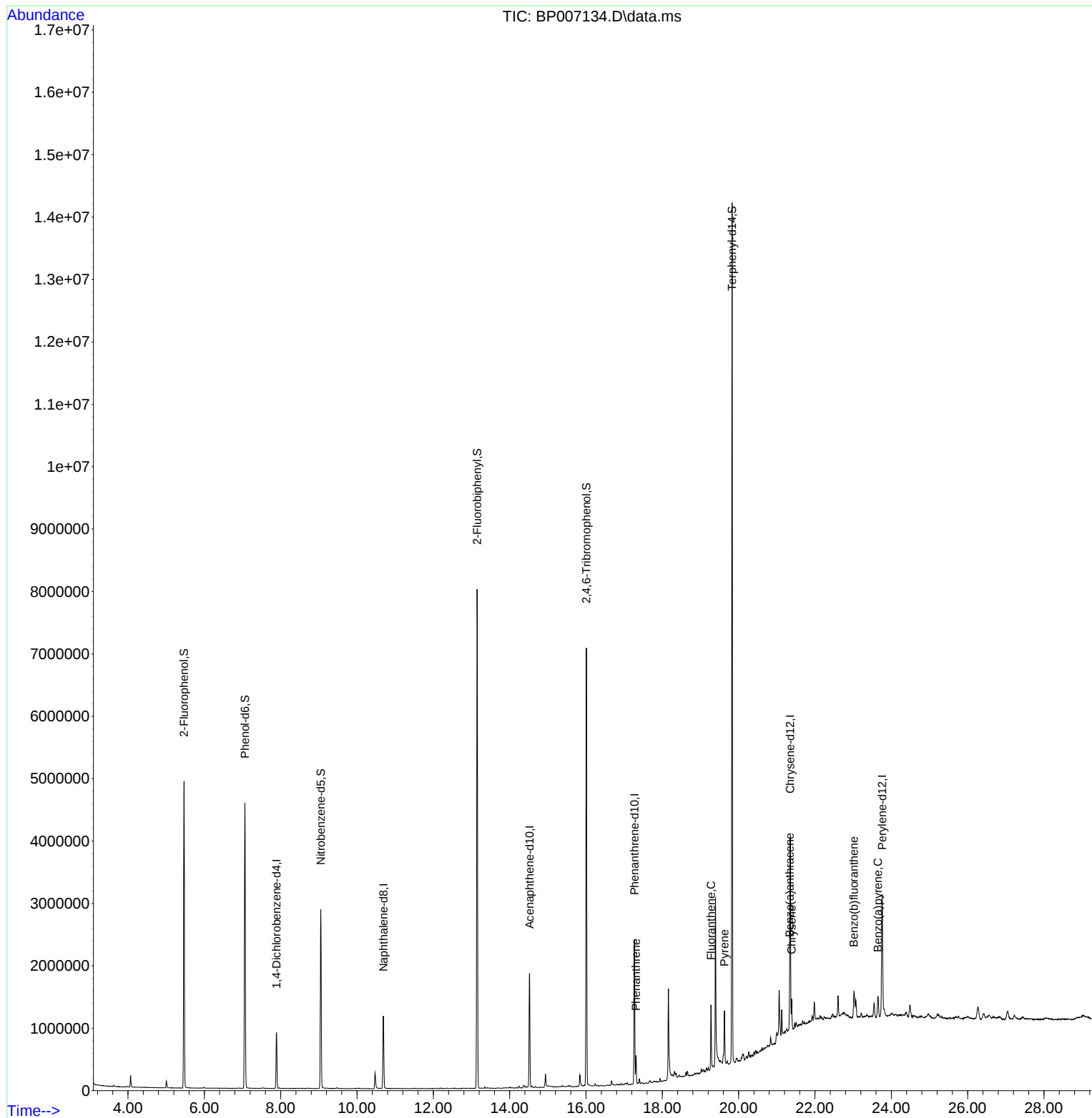
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	264900	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	1038762	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	668044	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	1399289	20.000	ng	# 0.00
76) Chrysene-d12	21.351	240	1365315	20.000	ng	# 0.00
86) Perylene-d12	23.763	264	1467842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	2328788	147.160	ng	0.00
7) Phenol-d6	7.063	99	2894698	133.836	ng	0.00
23) Nitrobenzene-d5	9.052	82	1689322	94.709	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	1495101	172.627	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	4317371	92.586	ng	0.00
79) Terphenyl-d14	19.827	244	6418814	90.090	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.310	178	275914	3.677	ng	99
75) Fluoranthene	19.275	202	546082	6.317	ng	97
78) Pyrene	19.627	202	506979	5.660	ng	99
81) Benzo(a)anthracene	21.333	228	260529	2.940	ng	98
83) Chrysene	21.386	228	272237	3.214	ng	97
88) Benzo(b)fluoranthene	23.021	252	360520	4.110	ng	# 93
90) Benzo(a)pyrene	23.651	252	240098	3.222	ng	# 93

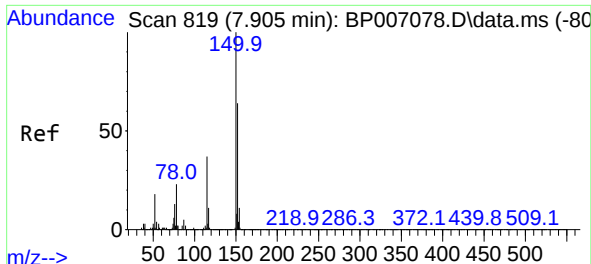
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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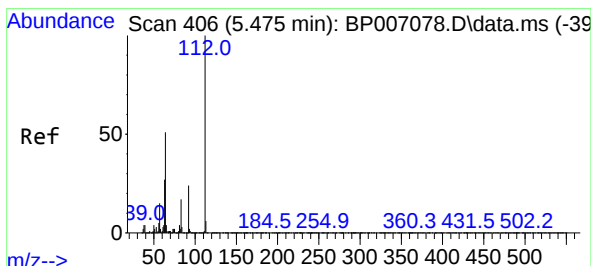
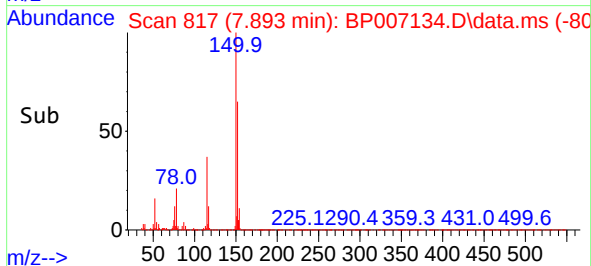
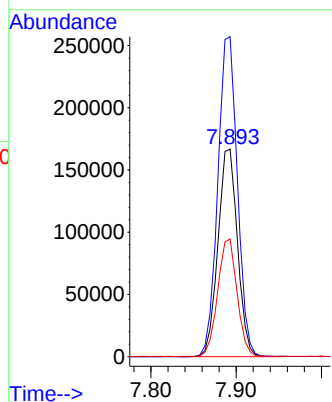
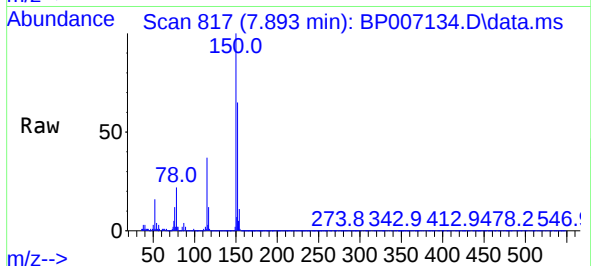




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP007134.D
Acq: 23 Sep 2021 20:28

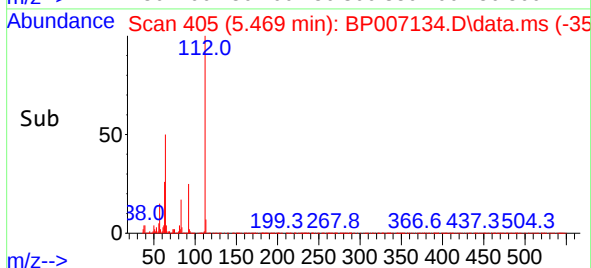
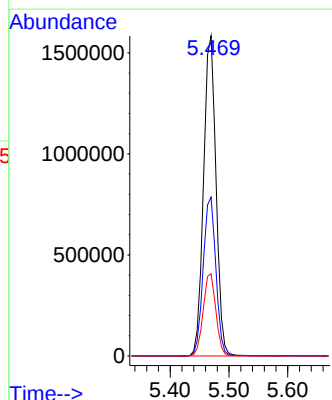
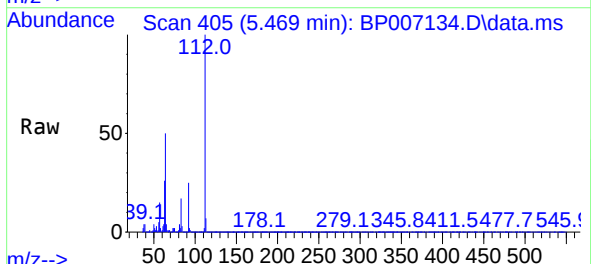
Instrument :
BNA_P
ClientSampleId :
PT-SOIL

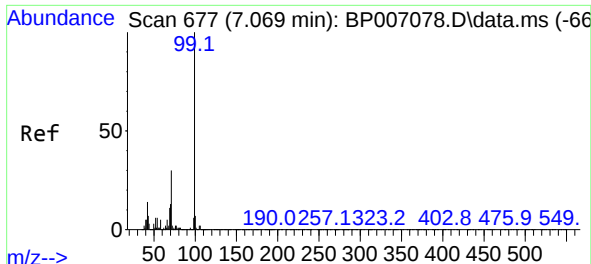
Tgt Ion:152 Resp: 264900
Ion Ratio Lower Upper
152 100
150 154.1 125.6 188.4
115 56.7 48.5 72.7



#5
2-Fluorophenol
Concen: 147.160 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BP007134.D
Acq: 23 Sep 2021 20:28

Tgt Ion:112 Resp: 2328788
Ion Ratio Lower Upper
112 100
64 49.7 41.4 62.2
63 25.7 23.8 35.8

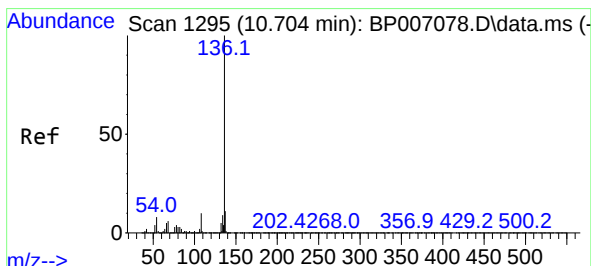
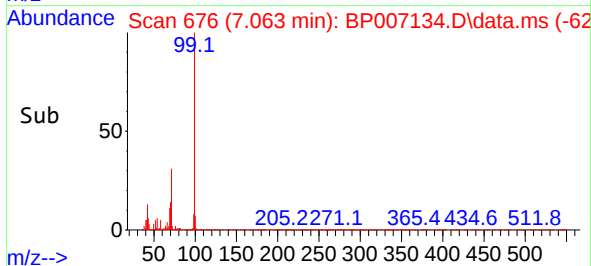
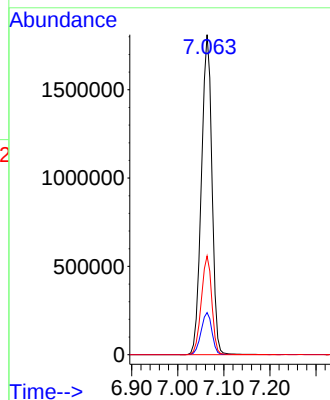
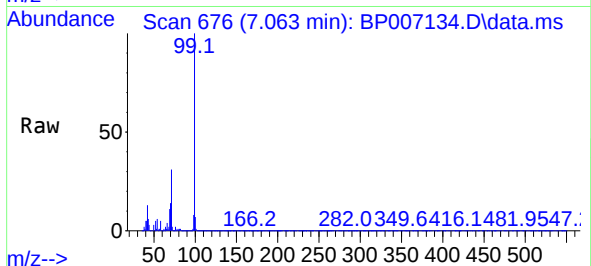




#7
Phenol-d6
Concen: 133.836 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP007134.D
Acq: 23 Sep 2021 20:28

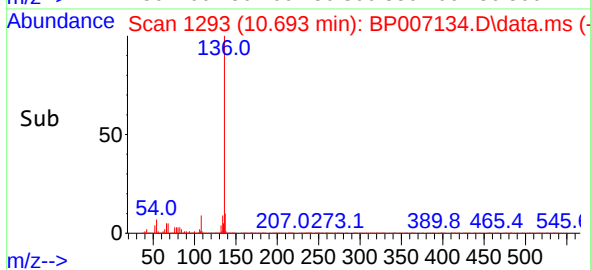
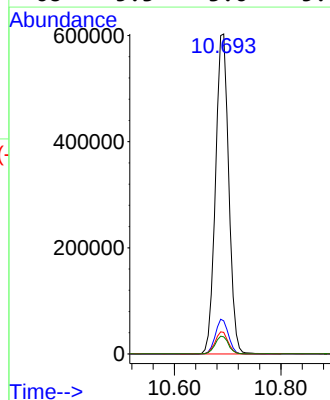
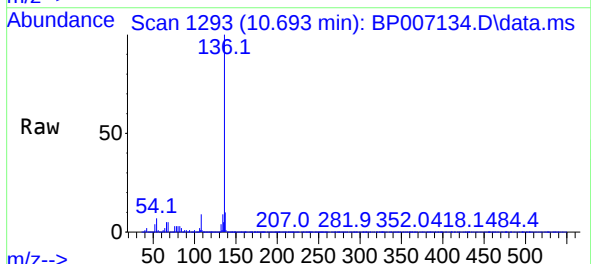
Instrument :
BNA_P
ClientSampleId :
PT-SOIL

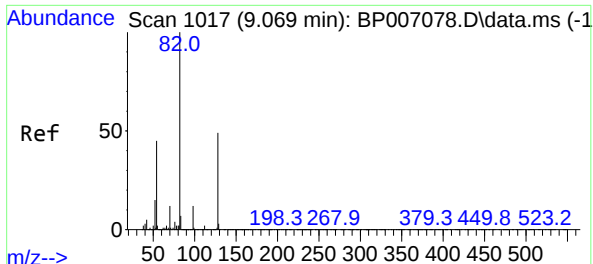
Tgt Ion: 99 Resp: 2894698
Ion Ratio Lower Upper
99 100
42 13.1 13.4 20.0#
71 30.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP007134.D
Acq: 23 Sep 2021 20:28

Tgt Ion: 136 Resp: 1038762
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 6.7 4.6 6.8
68 5.3 3.6 5.4



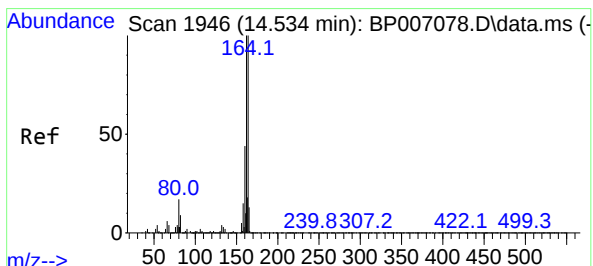
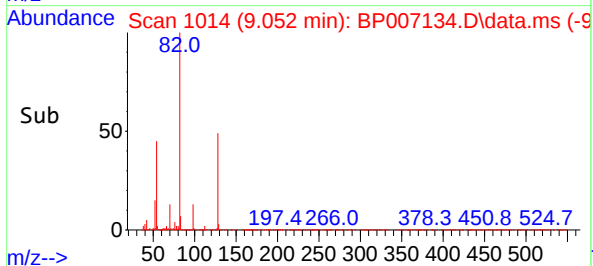
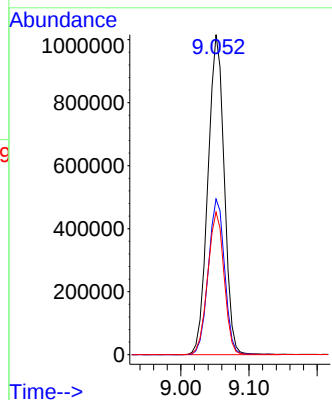
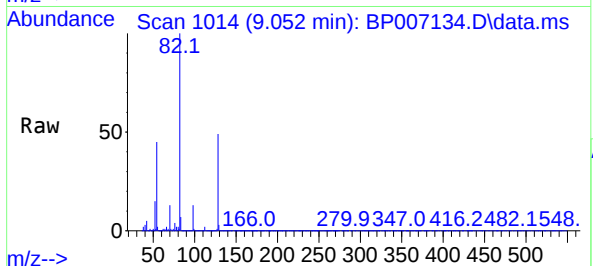


#23
Nitrobenzene-d5
Concen: 94.709 ng
RT: 9.052 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP007134.D
Acq: 23 Sep 2021 20:28

Instrument :
BNA_P
ClientSampleId :
PT-SOIL

Tgt Ion: 82 Resp: 1689322

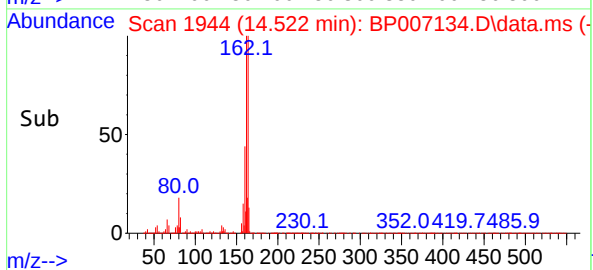
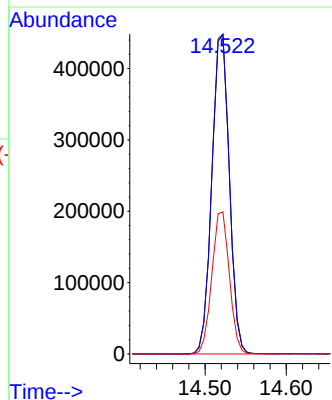
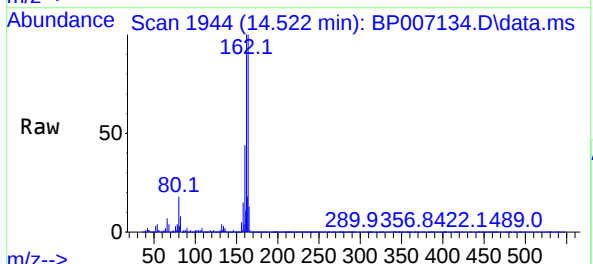
Ion	Ratio	Lower	Upper
82	100		
128	48.6	35.7	53.5
54	44.6	35.0	52.4

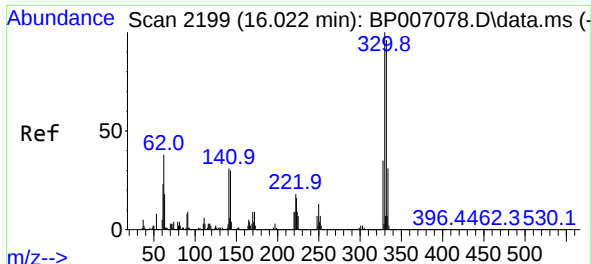


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP007134.D
Acq: 23 Sep 2021 20:28

Tgt Ion: 164 Resp: 668044

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.2
160	44.5	34.5	51.7

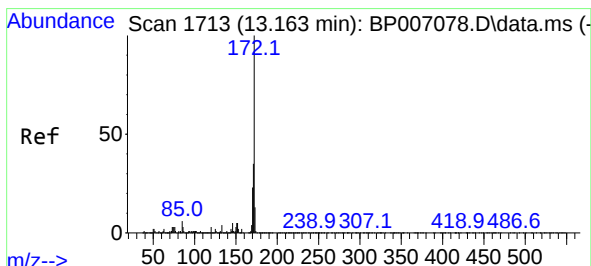
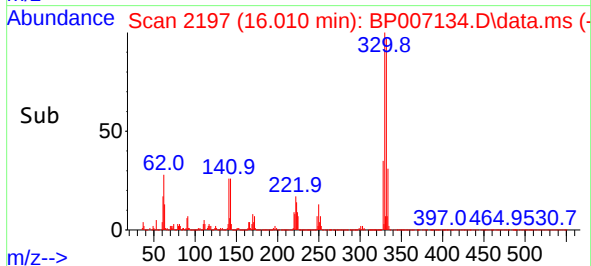
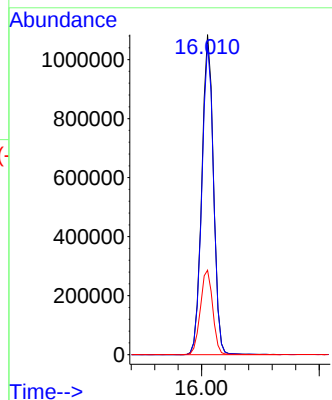
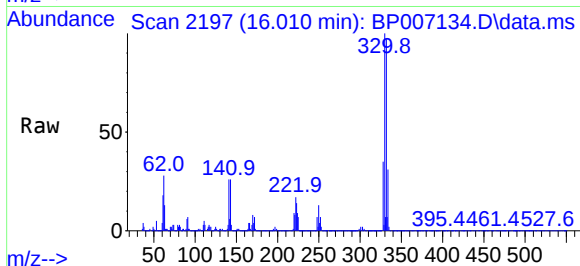




#42
2,4,6-Tribromophenol
Concen: 172.627 ng
RT: 16.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP007134.D
Acq: 23 Sep 2021 20:28

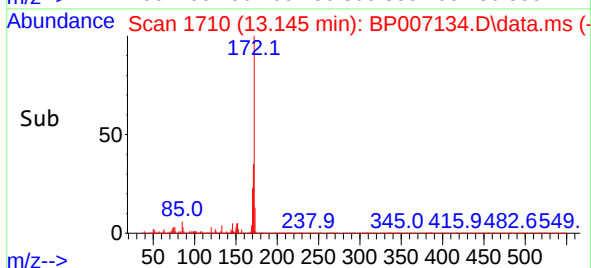
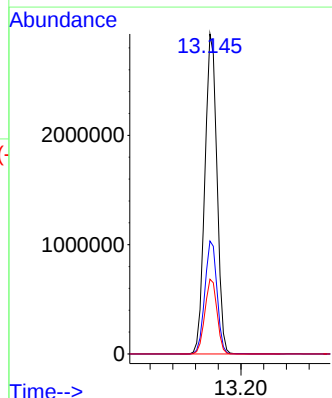
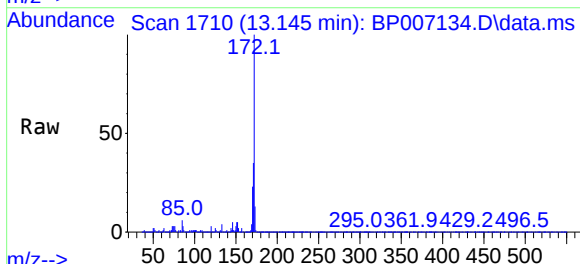
Instrument :
BNA_P
ClientSampleId :
PT-SOIL

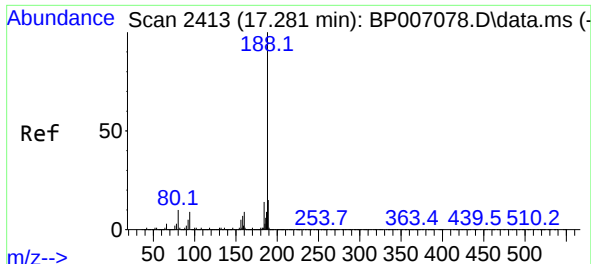
Tgt Ion:330 Resp: 1495101
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 27.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 92.586 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP007134.D
Acq: 23 Sep 2021 20:28

Tgt Ion:172 Resp: 4317371
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.3 18.6 27.8

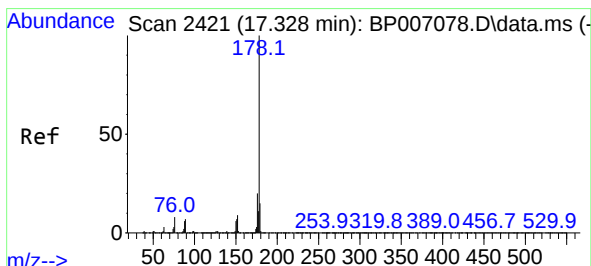
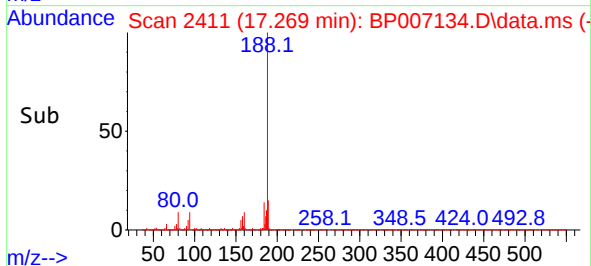
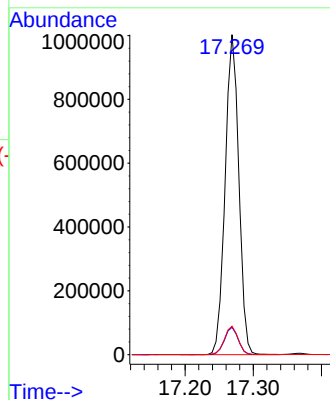
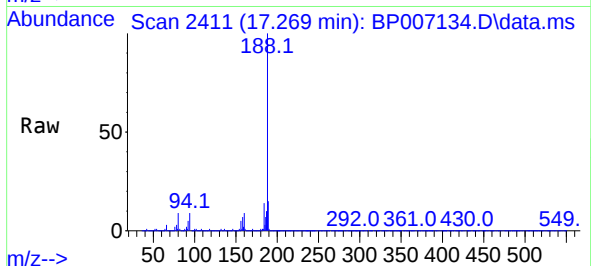




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP007134.D
Acq: 23 Sep 2021 20:28

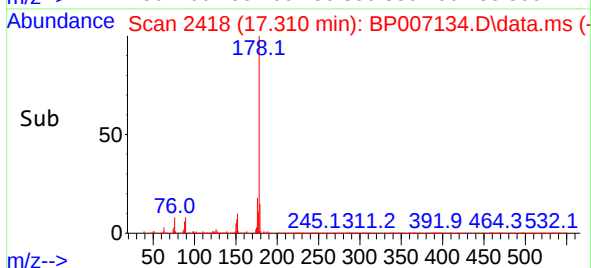
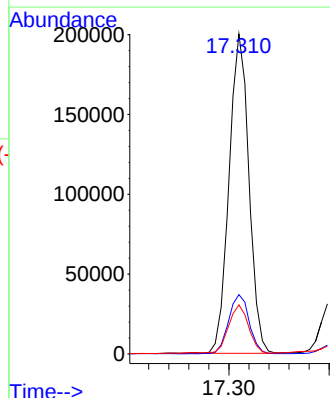
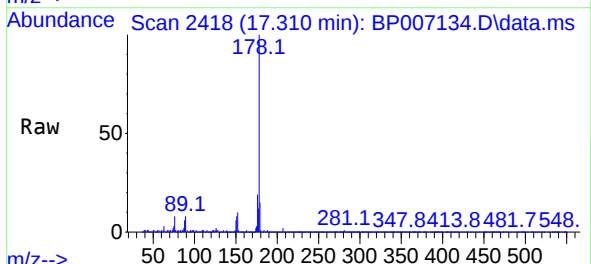
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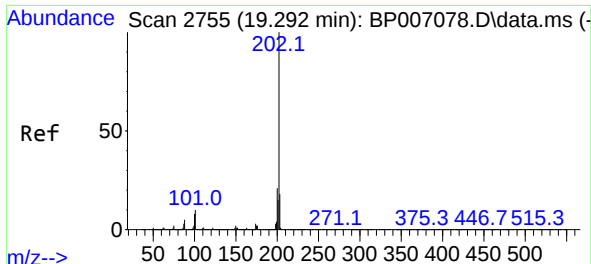
Tgt Ion:188 Resp: 1399289
Ion Ratio Lower Upper
188 100
94 8.6 5.6 8.4#
80 8.9 6.3 9.5



#71
Phenanthrene
Concen: 3.677 ng
RT: 17.310 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP007134.D
Acq: 23 Sep 2021 20:28

Tgt Ion:178 Resp: 275914
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.4 12.4 18.6

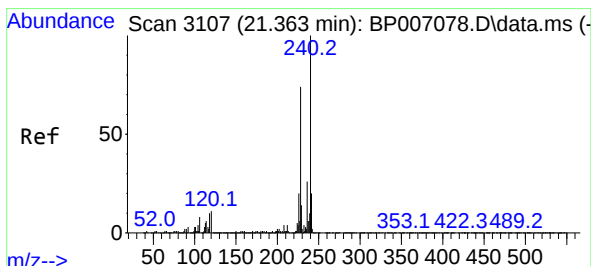
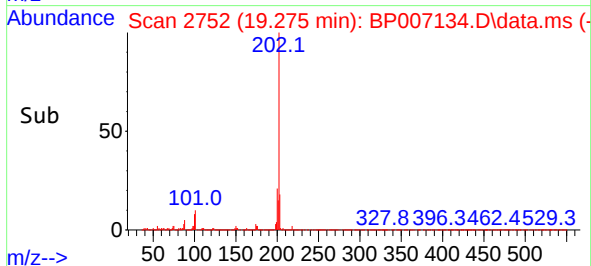
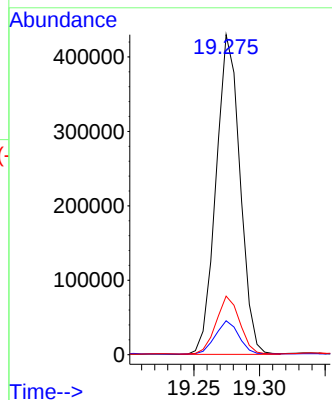
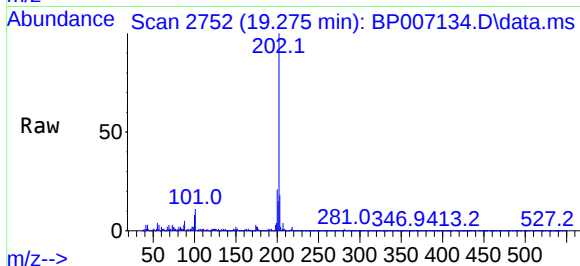




#75
Fluoranthene
Concen: 6.317 ng
RT: 19.275 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BP007134.D
Acq: 23 Sep 2021 20:28

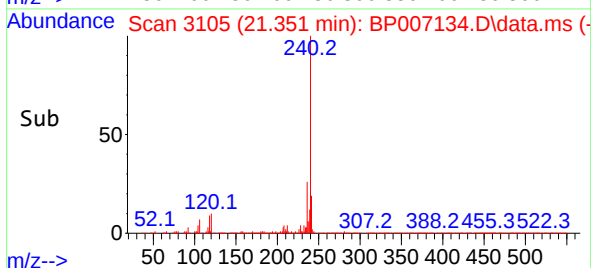
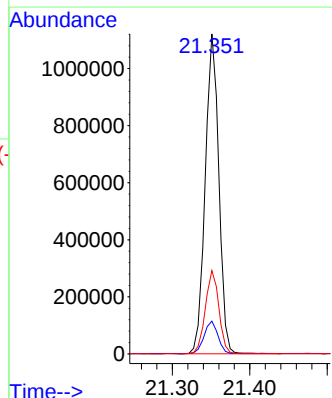
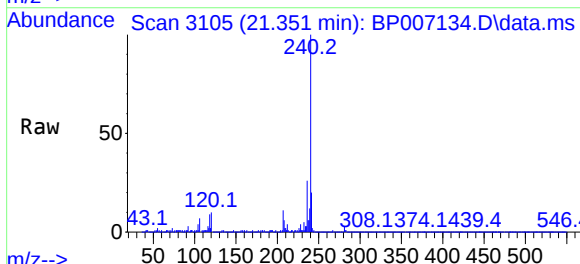
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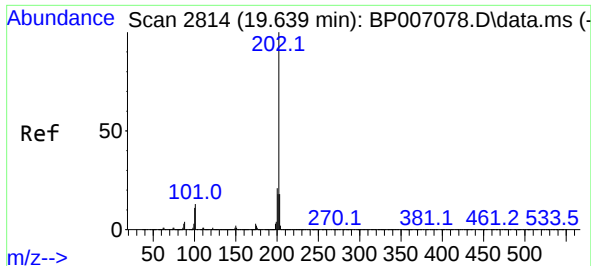
Tgt Ion:	202	Resp:	546082
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	27.6
203	18.3	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP007134.D
Acq: 23 Sep 2021 20:28

Tgt Ion:	240	Resp:	1365315
Ion	Ratio	Lower	Upper
240	100		
120	10.3	6.5	9.7#
236	26.0	20.6	31.0

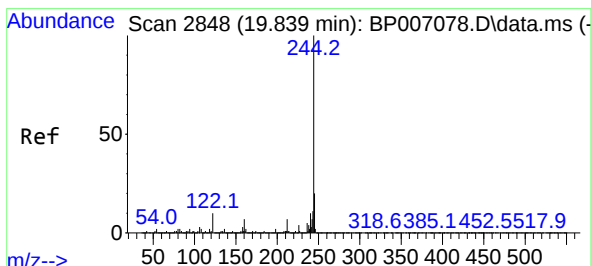
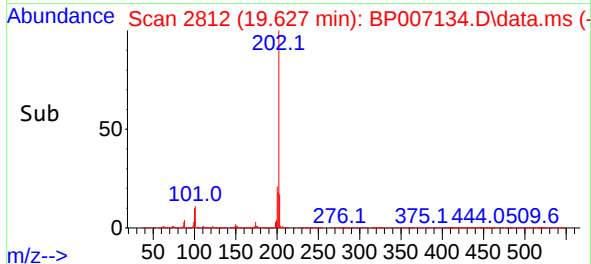
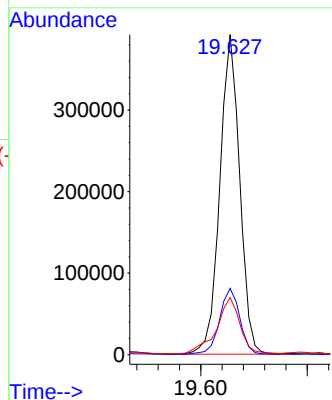
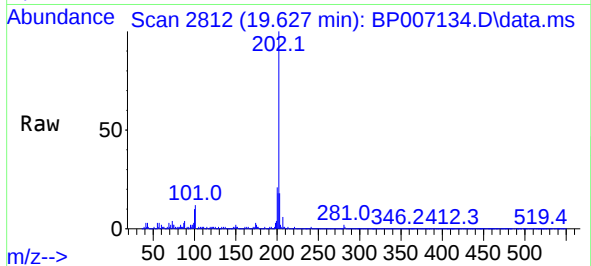




#78
Pyrene
Concen: 5.660 ng
RT: 19.627 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BP007134.D
Acq: 23 Sep 2021 20:28

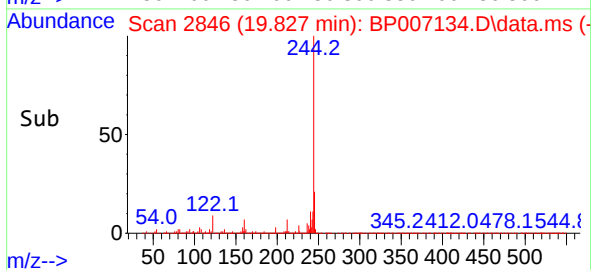
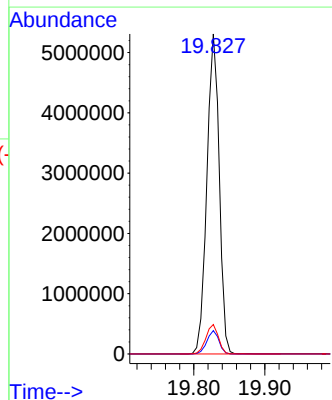
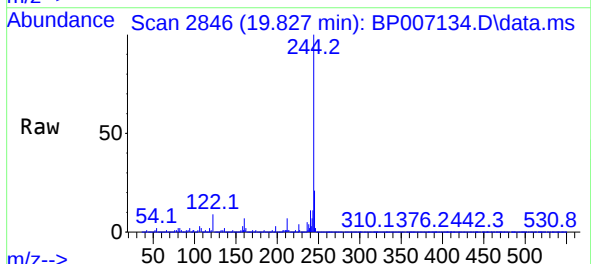
Instrument :
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ClientSampleId :
PT-SOIL

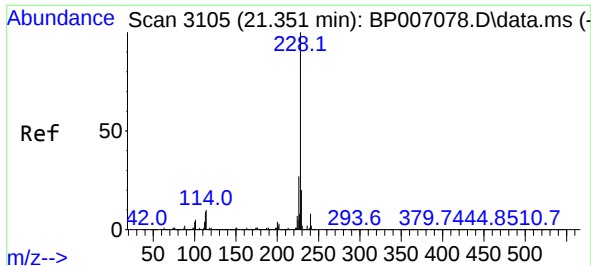
Tgt Ion:202 Resp: 506979
Ion Ratio Lower Upper
202 100
200 20.7 16.3 24.5
203 17.9 14.2 21.2



#79
Terphenyl-d14
Concen: 90.090 ng
RT: 19.827 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP007134.D
Acq: 23 Sep 2021 20:28

Tgt Ion:244 Resp: 6418814
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 9.2 7.1 10.7

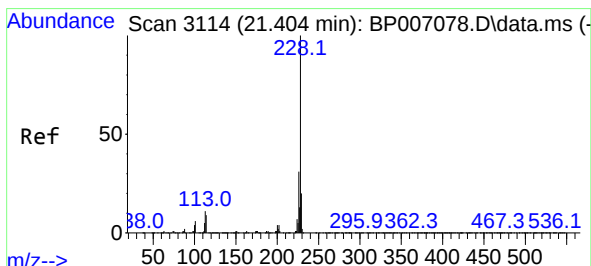
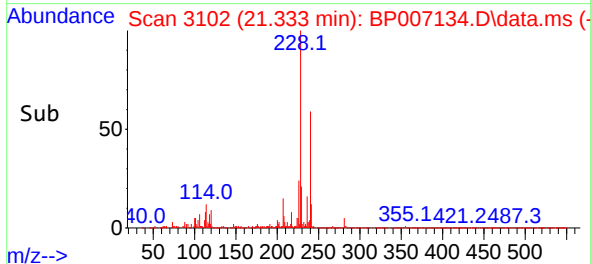
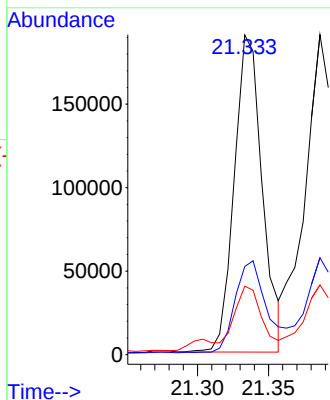
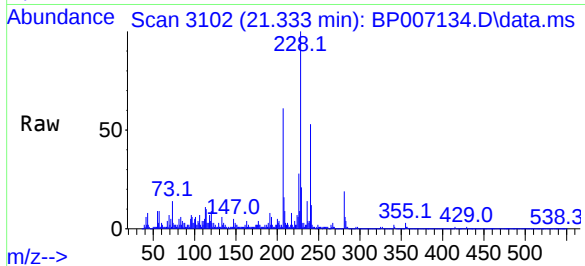




#81
Benzo(a)anthracene
Concen: 2.940 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BP007134.D
Acq: 23 Sep 2021 20:28

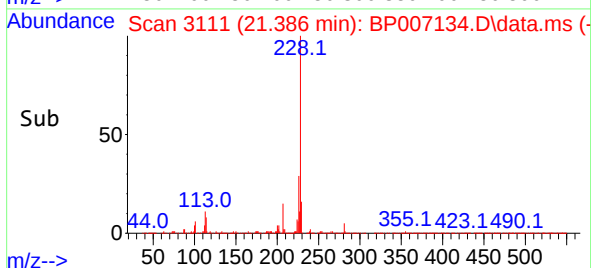
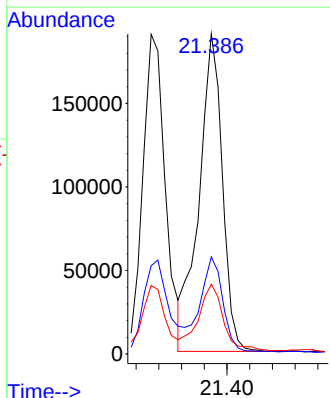
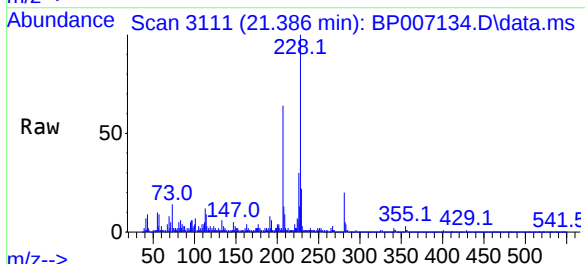
Instrument :
BNA_P
ClientSampled :
PT-SOIL

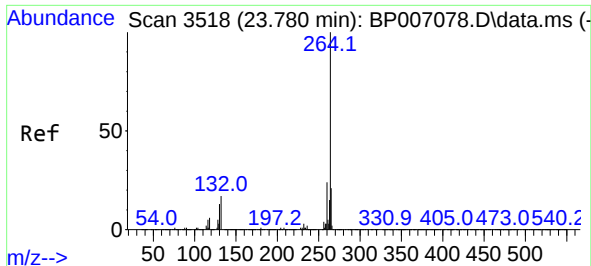
Tgt Ion:228 Resp: 260529
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 21.4 15.8 23.6



#83
Chrysene
Concen: 3.214 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP007134.D
Acq: 23 Sep 2021 20:28

Tgt Ion:228 Resp: 272237
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.6
229 21.8 15.4 23.2

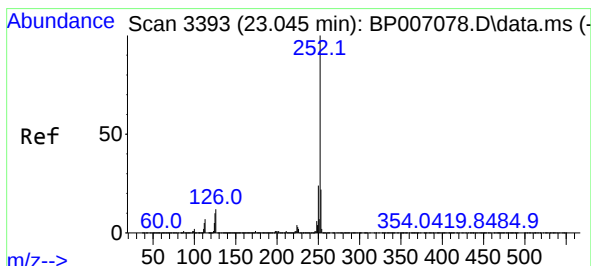
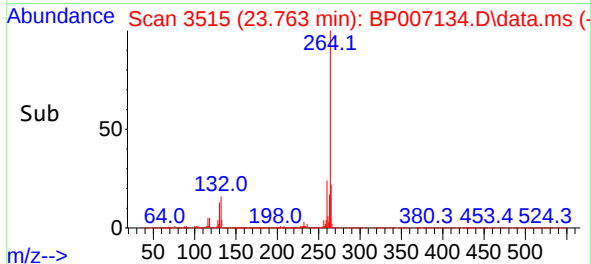
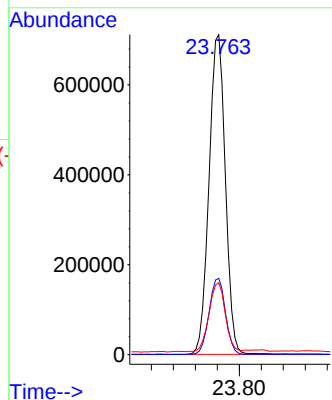
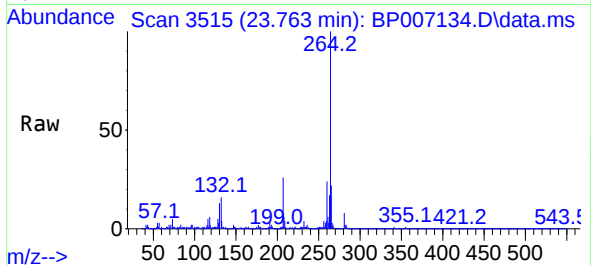




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.763 min Scan# 3515
Delta R.T. -0.006 min
Lab File: BP007134.D
Acq: 23 Sep 2021 20:28

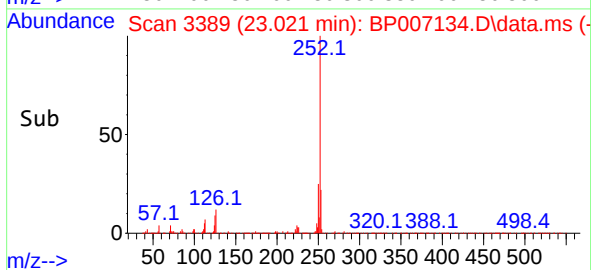
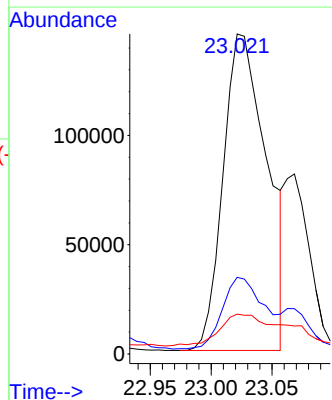
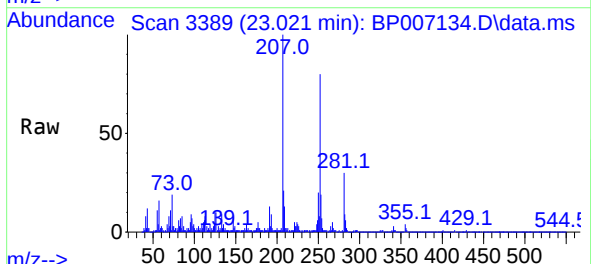
Instrument :
BNA_P
ClientSampleId :
PT-SOIL

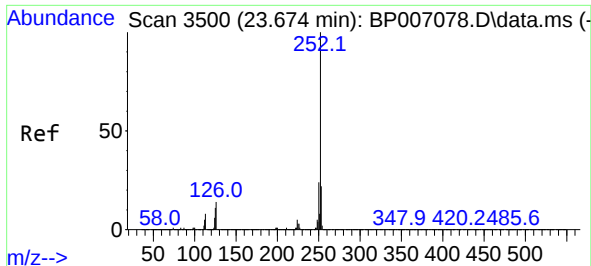
Tgt Ion:264 Resp: 1467842
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.5 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 4.110 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.012 min
Lab File: BP007134.D
Acq: 23 Sep 2021 20:28

Tgt Ion:252 Resp: 360520
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 12.5 6.2 9.4#





#90
Benzo(a)pyrene
Concen: 3.222 ng
RT: 23.651 min Scan# 3496
Delta R.T. -0.018 min
Lab File: BP007134.D
Acq: 23 Sep 2021 20:28

Instrument :
BNA_P
ClientSampleId :
PT-SOIL

Tgt Ion:252 Resp: 240098
Ion Ratio Lower Upper
252 100
253 24.2 17.9 26.9
125 13.5 6.5 9.7#

